LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.981	12	16	22	rVB	598280	580079	8.36%	0.448%
2	5.816	489	498	505	rBV4	198348	432839	6.24%	0.335%
3	6.028	527	534	541	rVB2	202367	357393	5.15%	0.276%
4	6.098	541	546	550	rBV	330388	478823	6.90%	0.370%
5	6.169	550	558	562	rVV3	217277	516374	7.44%	0.399%
6	6.534	616	620	624	rVV	494792	710776	10.25%	0.549%
7	6.587	624	629	633	rVV	287106	392740	5.66%	0.304%
8	6.669	639	643	644	rVV	286659	402035	5.80%	0.311%
9	6.692	644	647	654	rVB	415921	690577	9.96%	0.534%
10	7.016	693	702	706	rBV2	192118	446325	6.43%	0.345%
11	7.086	710	714	723	rVB4	188358	413774	5.97%	0.320%
12	7.169	723	728	733	rBV	402421	684068	9.86%	0.529%
13	7.516	780	787	792	rVV2	2238044	3450480	49.75%	2.667%
14	7.804	830	836	844	rVB3	335245	844323	12.17%	0.653%
15	8.010	867	871	875	rBV3	186515	342395	4.94%	0.265%
16	8.063	875	880	886	rVB2	872088	1433721	20.67%	1.108%
17	8.116	886	889	893	rBV	263270	339280	4.89%	0.262%
18	8.192	899	902	911	rVB3	457982	883148	12.73%	0.683%
19	8.292	912	919	922	rBV	428911	734416	10.59%	0.568%
20	8.398	931	937	941	rBV4	172141	350754	5.06%	0.271%
21	8.522	953	958	963	rVB	247786	364673	5.26%	0.282%
22	8.622	966	975	983	rVV3	767099	1546213	22.29%	1.195%
23	8.716	983	991	994	rVV3	239202	541665	7.81%	0.419%
24	8.757	994	998	1006	rVB	585755	1031930	14.88%	0.798%
25	8.869	1006	1017	1023	rVB6	523625	1457208	21.01%	1.126%
26	8.951	1023	1031	1035	rBV5	269822	687026	9.91%	0.531%
27	9.010	1035	1041	1046	rVB7	269074	589310	8.50%	0.456%
28	9.139	1060	1063	1065	rVV	276057	375078	5.41%	0.290%
29	9.169	1066	1068	1070	rVV	278596	332945	4.80%	0.257%
30	9.198	1070	1073	1085	rVB2	627829	1437593	20.73%	1.111%
31	9.404	1100	1108	1111	rBV3	310275	660428	9.52%	0.510%
32	9.445	1111	1115	1118	rBV2	272628	414842	5.98%	0.321%
33	9.592	1135	1140	1146	rVB3	386108	806113	11.62%	0.623%
34	9.669	1148	1153	1156	rBV	551698	931645	13.43%	0.720%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
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Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

35	9.704	1156	1159	1163	rVB3	241485	347263	5.01%	0.268%
36	9.751	1163	1167	1169	rBV	321093	456378	6.58%	0.353%
37	9.857	1179	1185	1188	rBV2	428015	776393	11.19%	0.600%
38	9.892	1188	1191	1197	rVB4	268729	466042	6.72%	0.360%
39	10.010	1204	1211	1215	rBV	418218	721728	10.41%	0.558%
40	10.169	1230	1238	1242	rBV4	384365	830455	11.97%	0.642%
41	10.292	1250	1259	1265	rBV	4224137	6936048	100.00%	5.361%
42	10.351	1265	1269	1272	rBV3	429989	722301	10.41%	0.558%
43	10.416	1277	1280	1286	rVV4	302143	620580	8.95%	0.480%
44	10.480	1286	1291	1295	rVV	1055583	1560728	22.50%	1.206%
45	10.522	1295	1298	1307	rVV4	292354	682165	9.84%	0.527%
46	10.604	1308	1312	1317	rVB4	240424	406167	5.86%	0.314%
47	10.716	1327	1331	1340	rVV3	289887	650664	9.38%	0.503%
48	10.980	1369	1376	1378	rBV3	168620	374740	5.40%	0.290%
49	11.010	1378	1381	1385	rVB3	284269	420107	6.06%	0.325%
50	11.080	1390	1393	1398	rVV2	335203	512100	7.38%	0.396%
51	11.151	1400	1405	1411	rVV3	429760	786354	11.34%	0.608%
52	11.233	1411	1419	1425	rVB4	465412	1214606	17.51%	0.939%
53	11.345	1431	1438	1445	rBV2	1321762	2683232	38.69%	2.074%
54	11.751	1499	1507	1518	rBV	2501794	4315154	62.21%	3.335%
55	11.969	1534	1544	1552	rVB3	773750	2102198	30.31%	1.625%
56	12.192	1577	1582	1586	rBV3	389235	700599	10.10%	0.542%
57	12.404	1614	1618	1621	rVV2	295940	501965	7.24%	0.388%
58	12.445	1621	1625	1632	rVV2	408444	799706	11.53%	0.618%
59	12.510	1632	1636	1644	rVB5	312027	533620	7.69%	0.412%
60	12.586	1644	1649	1657	rVB5	478525	974516	14.05%	0.753%
61	12.668	1659	1663	1668	rBV3	368929	670271	9.66%	0.518%
62	12.727	1668	1673	1677	rBV	1079503	1445742	20.84%	1.118%
63	13.021	1718	1723	1730	rVV	2003290	3149699	45.41%	2.435%
64	13.110	1734	1738	1744	rBV2	289383	450916	6.50%	0.349%
65	13.333	1772	1776	1779	rBV	420974	680880	9.82%	0.526%
66	13.498	1799	1804	1808	rBV	503047	777276	11.21%	0.601%
67	13.551	1809	1813	1817	rVV2	470496	698330	10.07%	0.540%
68	13.598	1817	1821	1826	rVB	739089	984736	14.20%	0.761%
69	13.686	1826	1836	1840	rBV2	1344152	2602240	37.52%	2.011%
70	13.727	1840	1843	1848	rVB3	542705	767518	11.07%	0.593%
71	13.904	1869	1873	1879	rBV4	281886	576433	8.31%	0.446%

LSC Area Percent Report

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Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

72	14.010	1887	1891	1895	rBV	458799	606686	8.75%	0.469%
73	14.104	1902	1907	1912	rBV	1962625	2730790	39.37%	2.111%
74	14.180	1912	1920	1925	rVV	2698167	4581492	66.05%	3.541%
75	14.392	1952	1956	1964	rBV2	257834	582999	8.41%	0.451%
76	14.557	1980	1984	1985	rBV4	242028	336497	4.85%	0.260%
77	14.668	2000	2003	2006	rVB2	397207	479664	6.92%	0.371%
78	14.733	2009	2014	2020	rVB3	922125	1383993	19.95%	1.070%
79	14.804	2022	2026	2031	rBV2	473416	839464	12.10%	0.649%
80	14.915	2040	2045	2049	rBV7	200262	475440	6.85%	0.367%
81	14.974	2050	2055	2059	rVV2	597619	971170	14.00%	0.751%
82	15.062	2066	2070	2075	rBV	1786402	2230796	32.16%	1.724%
83	15.280	2104	2107	2115	rVB4	340474	585092	8.44%	0.452%
84	15.474	2133	2140	2145	rBV	1460766	2749113	39.64%	2.125%
85	15.621	2162	2165	2170	rBV3	311882	503945	7.27%	0.390%
86	15.674	2170	2174	2182	rVB5	534125	1134987	16.36%	0.877%
87	15.927	2213	2217	2219	rBV	2309555	3013351	43.44%	2.329%
88	15.956	2219	2222	2230	rVB	2642650	3746282	54.01%	2.896%
89	16.051	2235	2238	2241	rBV2	417521	477851	6.89%	0.369%
90	16.168	2255	2258	2262	rBV3	379598	630134	9.08%	0.487%
91	16.721	2349	2352	2356	rBV	1865003	2332567	33.63%	1.803%
92	16.774	2357	2361	2366	rVV	1850652	2651585	38.23%	2.050%
93	16.933	2383	2388	2391	rBV	2514091	3683339	53.10%	2.847%
94	17.380	2461	2464	2469	rBV	886973	1215361	17.52%	0.939%
95	17.462	2474	2478	2482	rVB	2305852	2698542	38.91%	2.086%
96	18.156	2592	2596	2600	rBV	2510695	3282676	47.33%	2.537%
97	18.627	2672	2676	2680	rBV2	2381148	3355165	48.37%	2.593%
98	18.797	2702	2705	2709	rVB	2463481	2778607	40.06%	2.148%
99	19.562	2831	2835	2838	rBV3	3018318	6020079	86.79%	4.653%
100	19.921	2893	2896	2900	rBV	3208160	3733293	53.82%	2.886%

Sum of corrected areas: 129371799

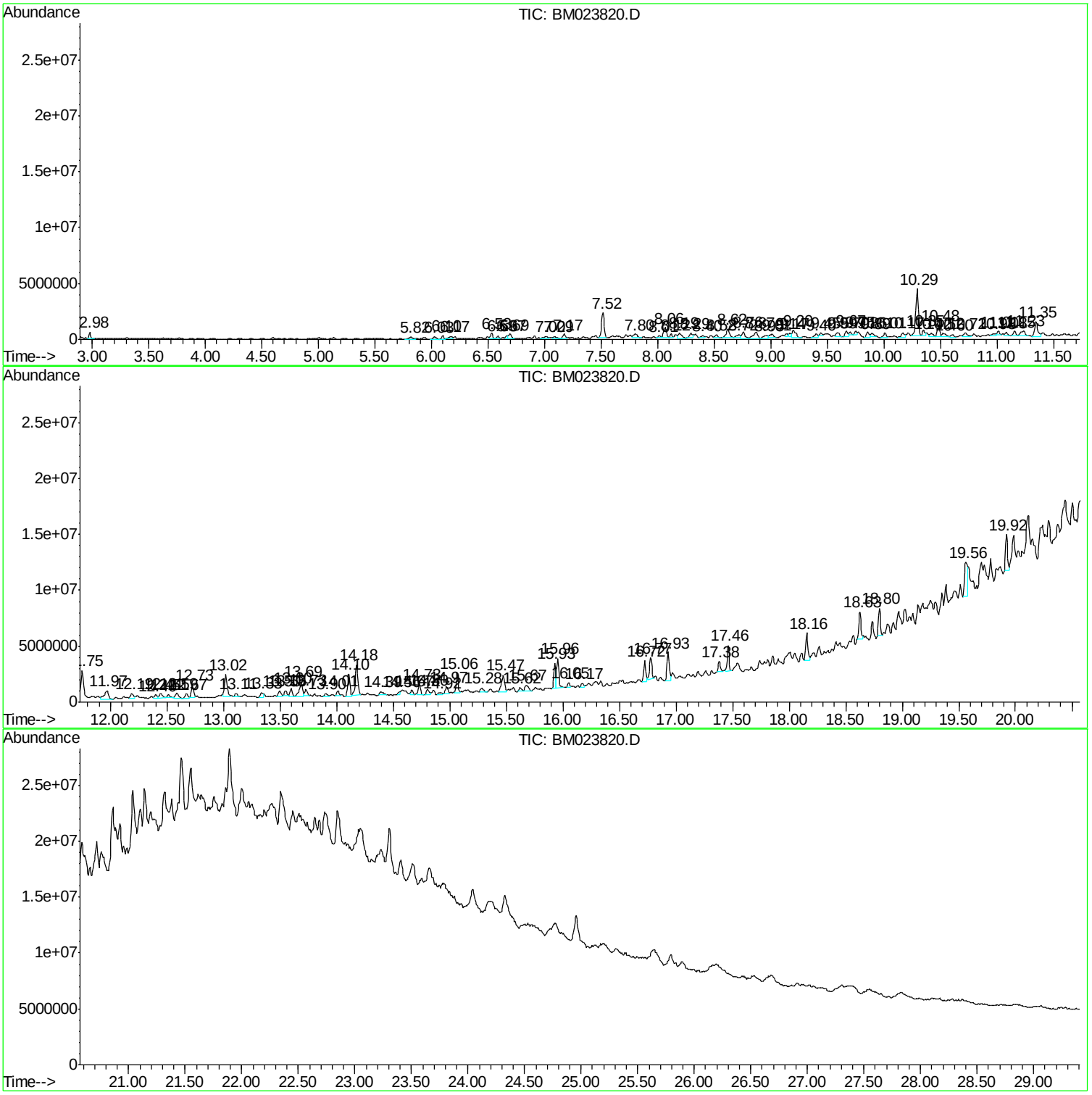
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

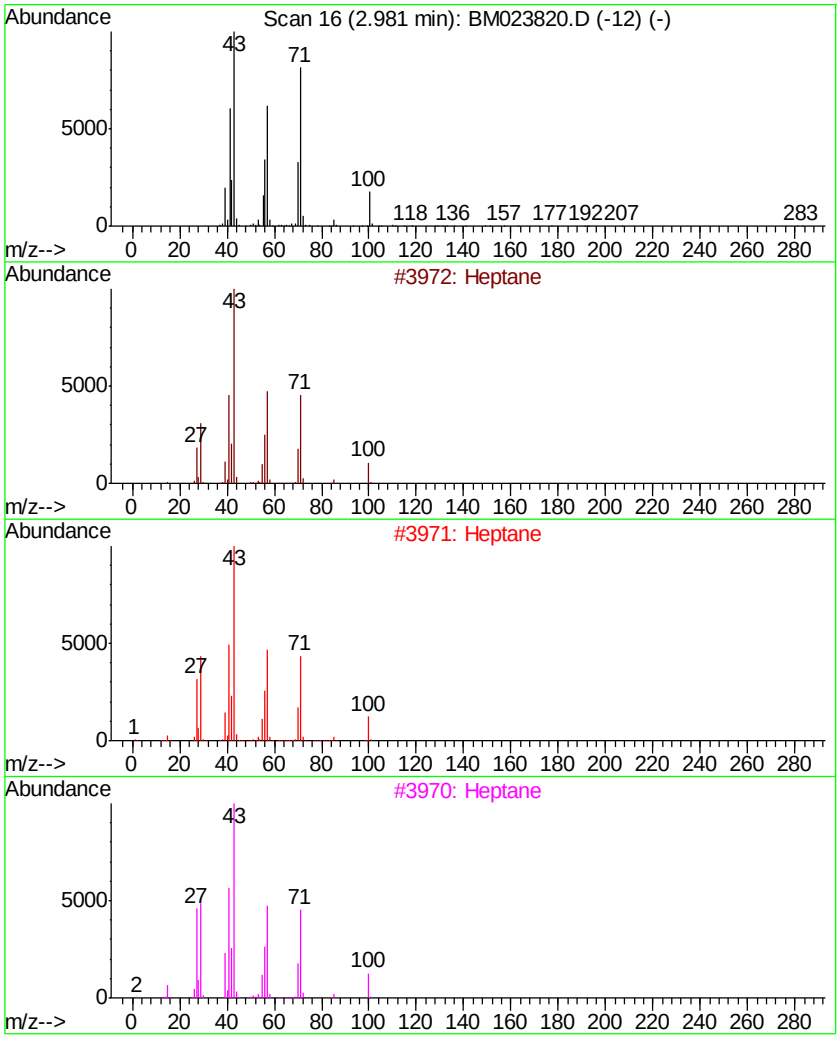
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

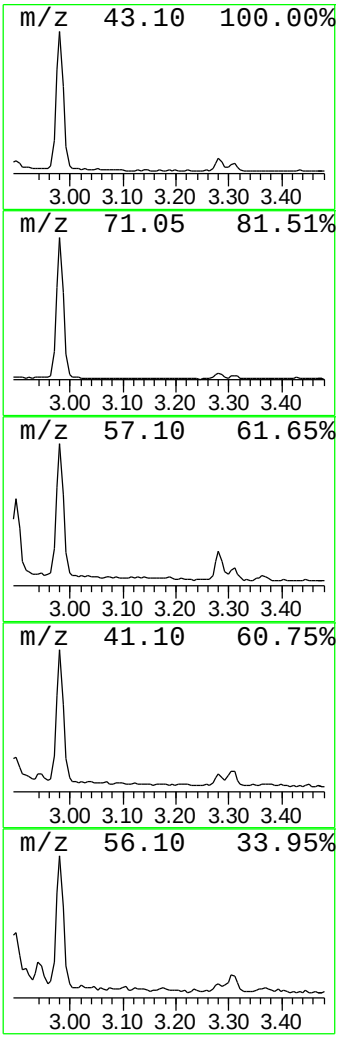
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	3.36 ng/ul	580079	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	68
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

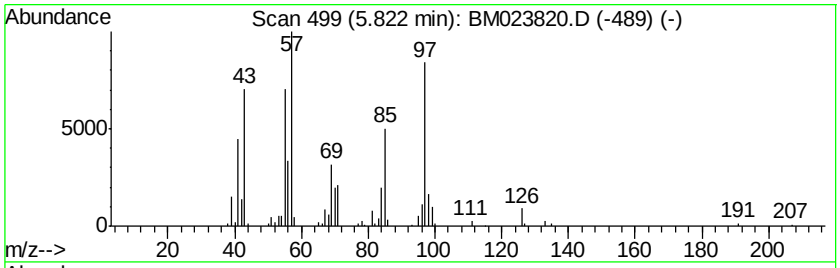
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

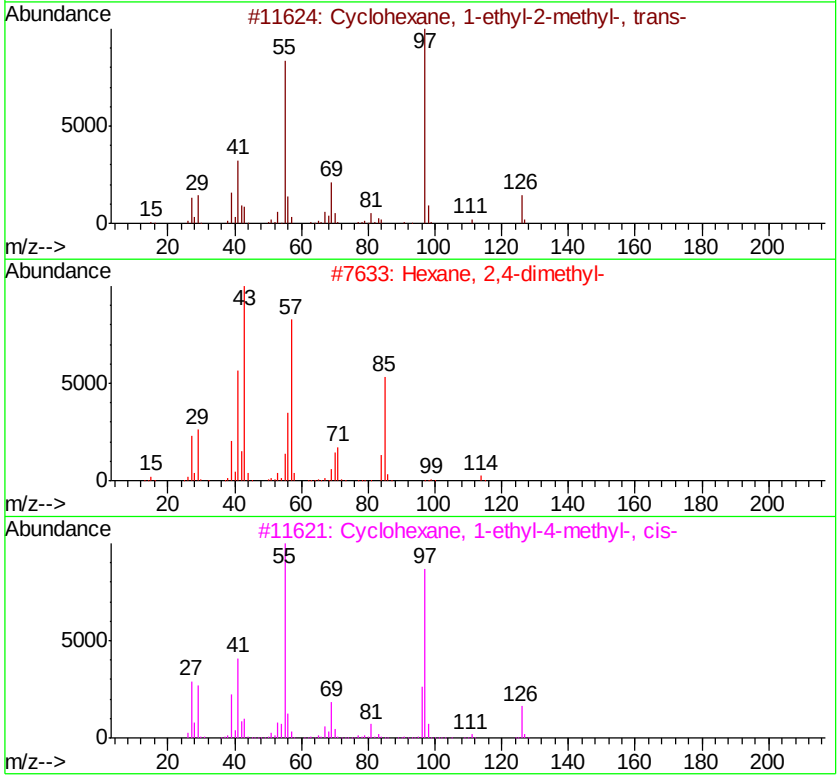
****

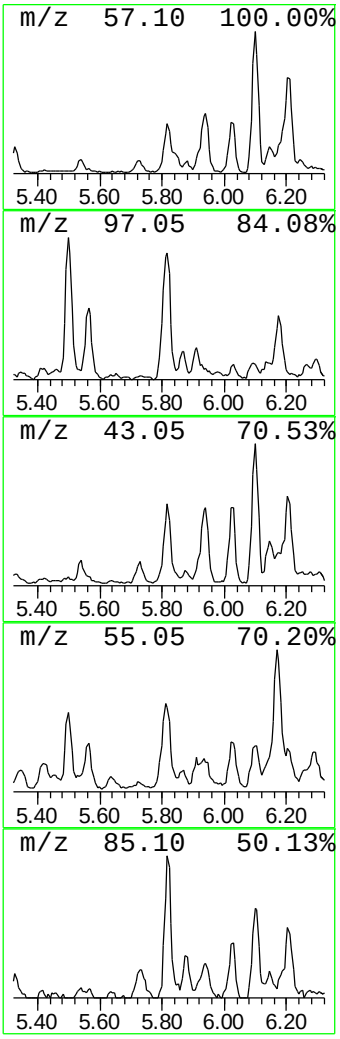
Peak Number 2 (DEL) Alkane: Cyclic5.82 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	2.51 ng/ul	432839	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	38
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	38
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	38
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	35







Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

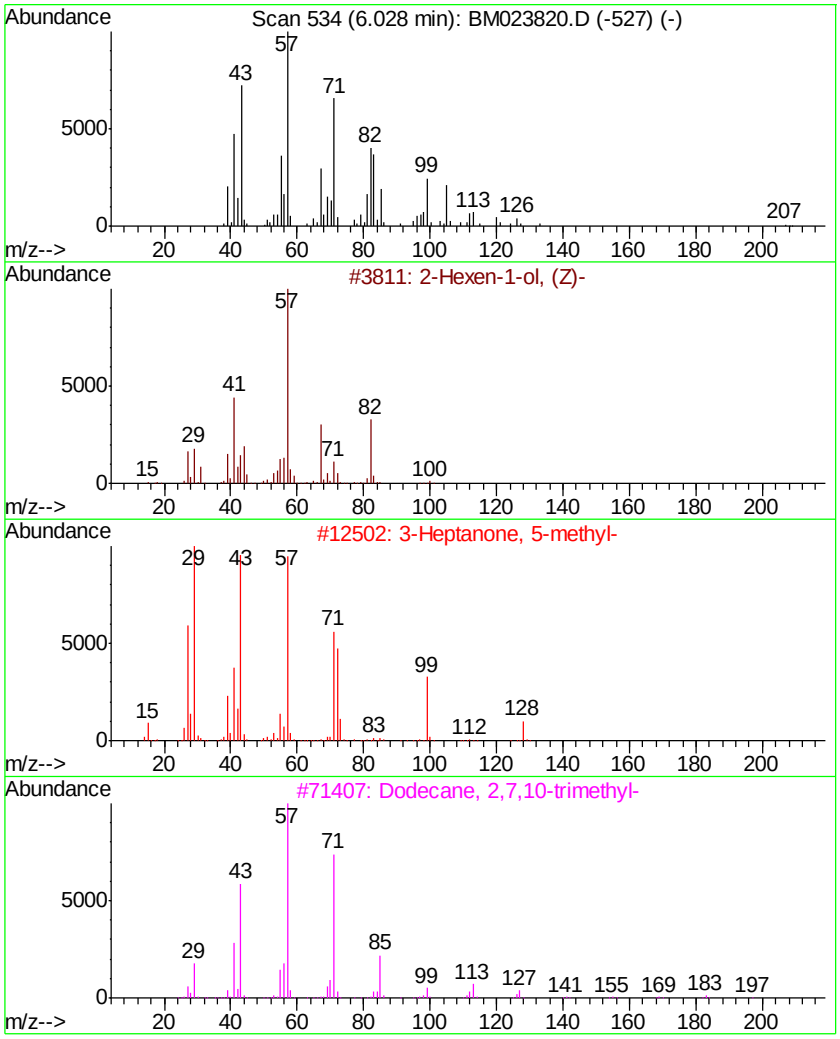
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

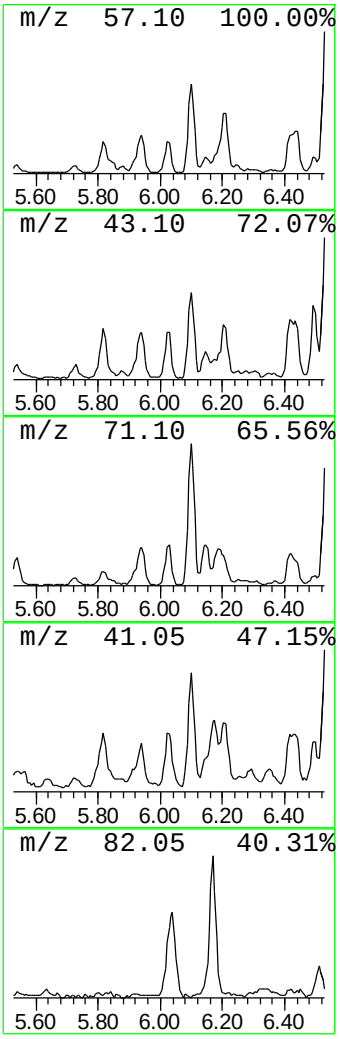
****

Peak Number 3 unknown-01 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	2.07 ng/ul	357393	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	38
2	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	27
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	27
4	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	22
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

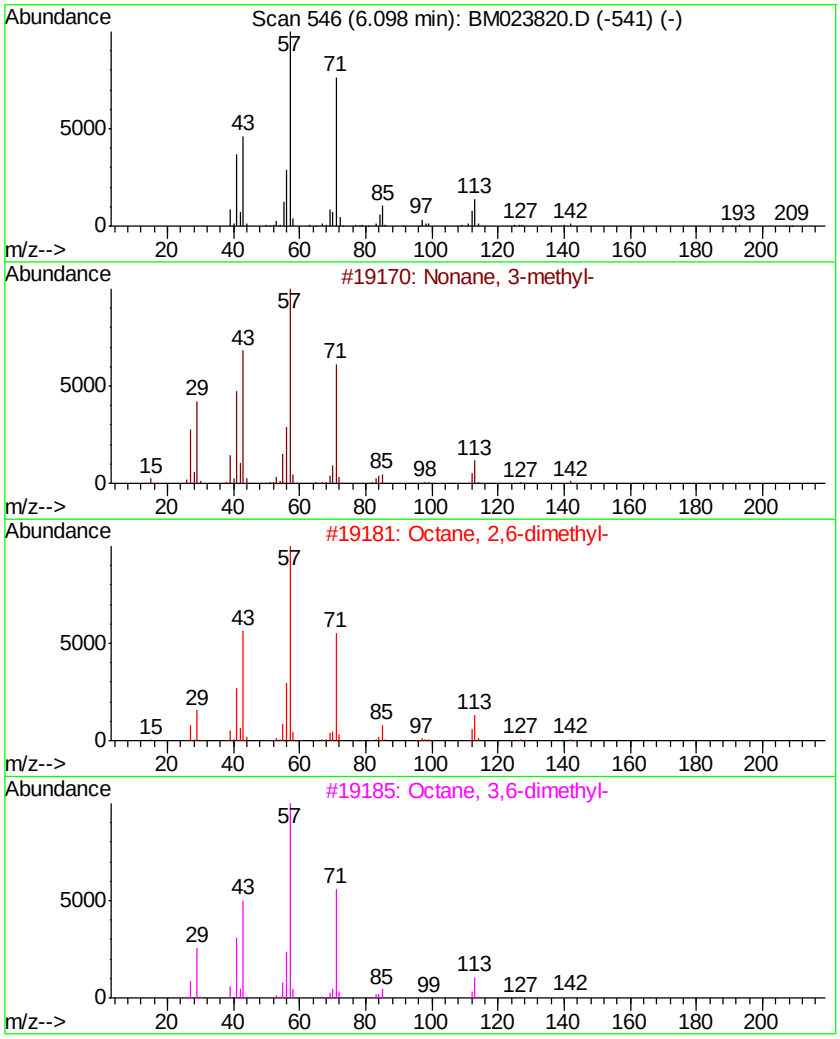
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

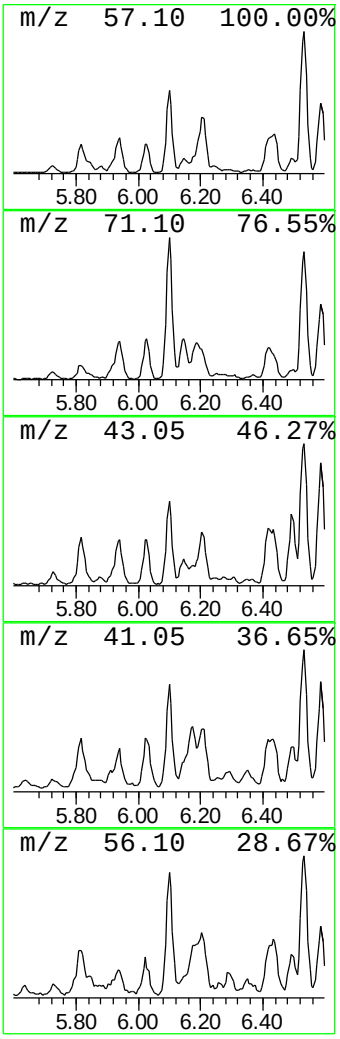
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	2.78 ng/ul	478823	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

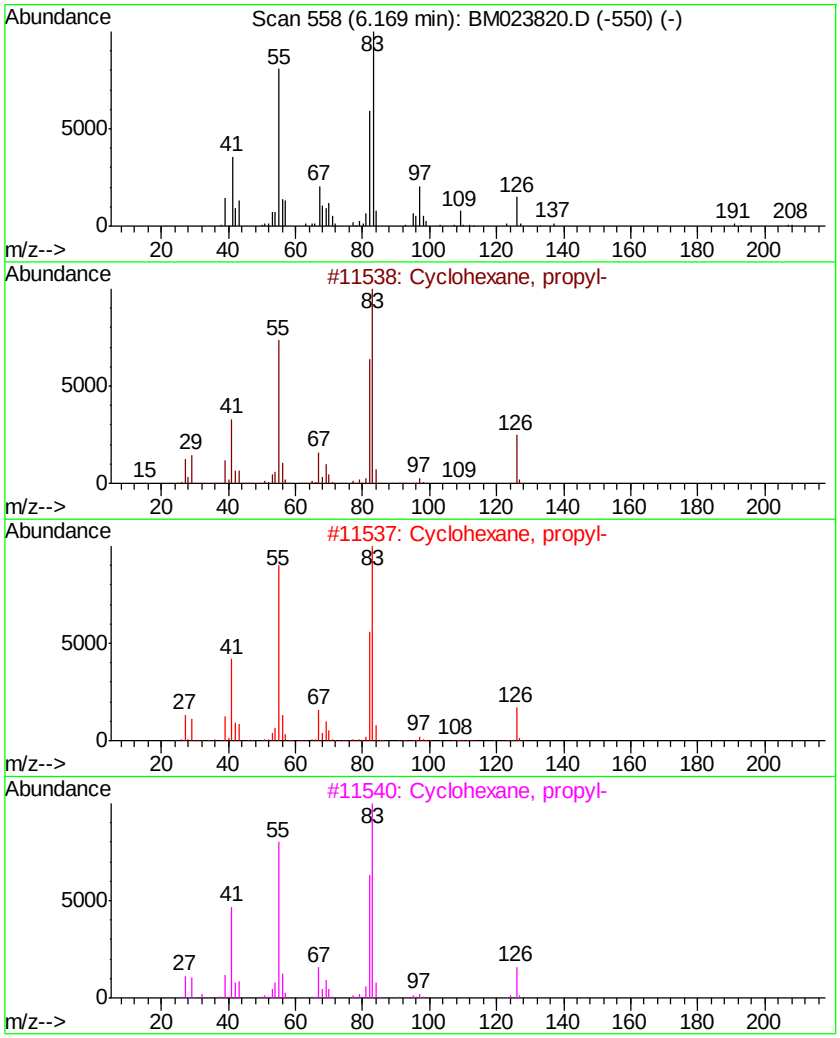
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

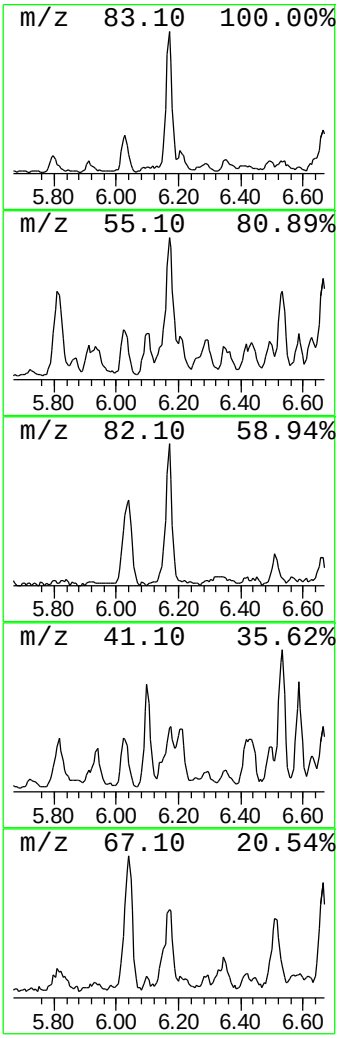
****

Peak Number 5 (DEL) Alkane: Cyclic6.17 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	2.99 ng/ul	516374	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	74





Library Search Compound Report

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Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

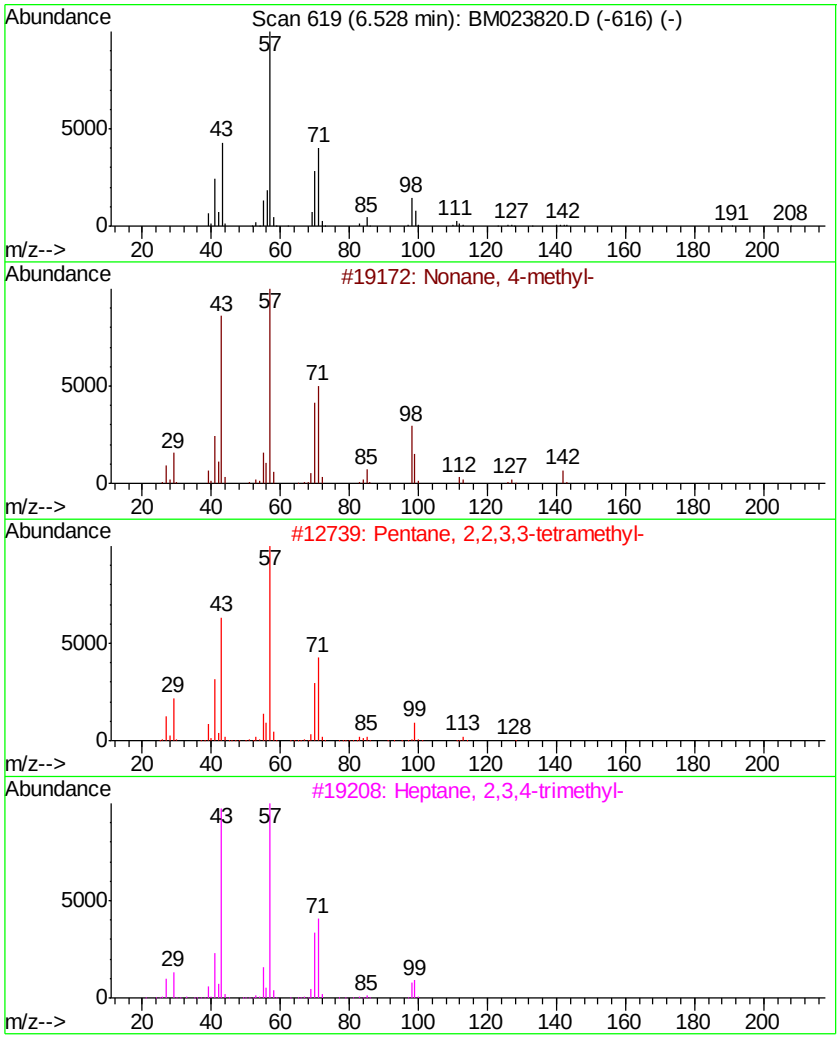
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

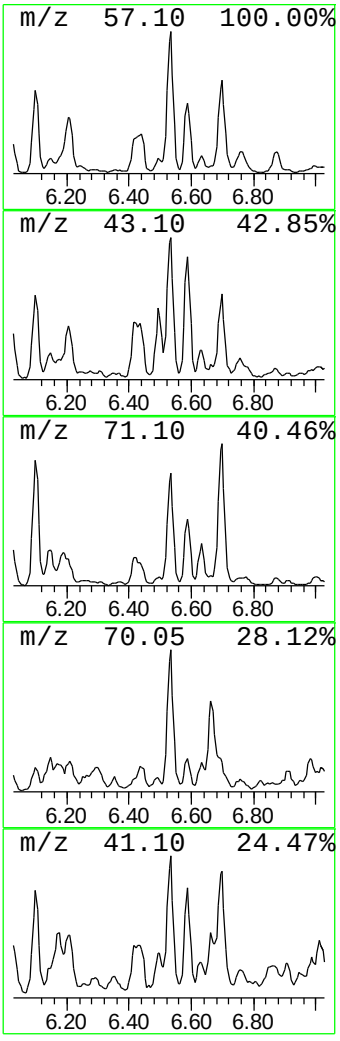
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	4.12 ng/ul	710776	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	64





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Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

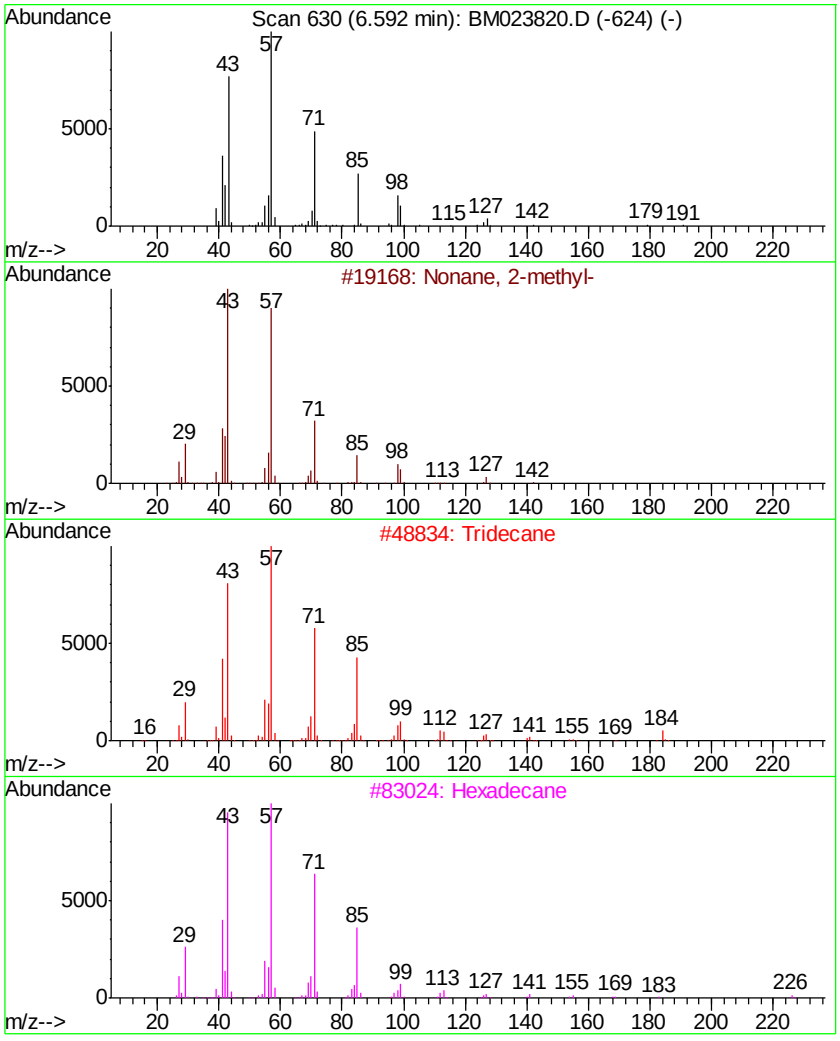
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

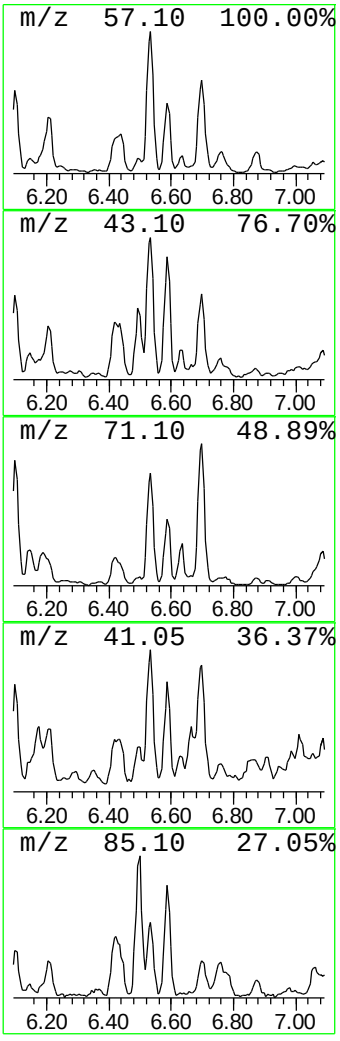
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	2.28 ng/ul	392740	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	87
2	Tridecane	184	C13H28	000629-50-5	78
3	Hexadecane	226	C16H34	000544-76-3	72
4	Dodecane	170	C12H26	000112-40-3	72
5	Tridecane	184	C13H28	000629-50-5	72





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Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

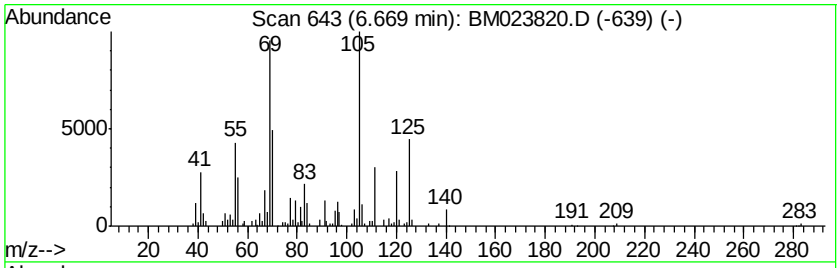
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

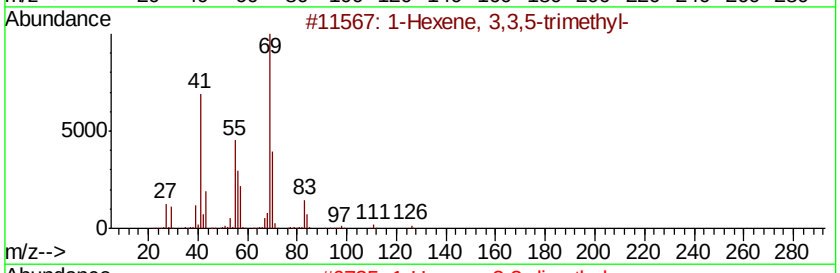
****

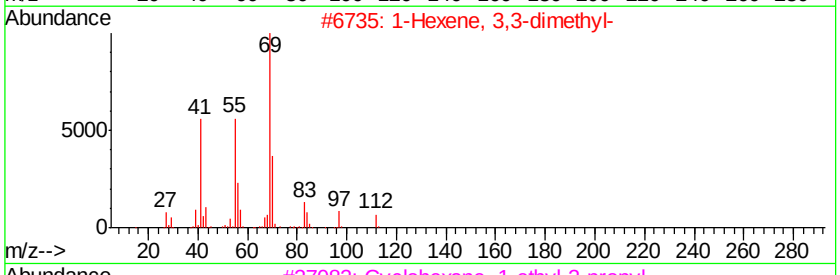
Peak Number 8 (DEL) Alkane: Cyclic6.67 Concentration Rank 60

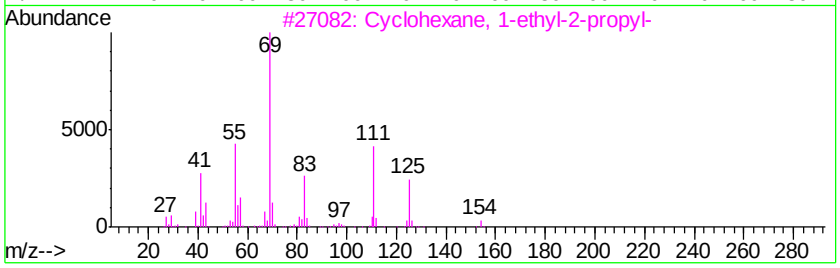
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	2.33 ng/ul	402035	1,4-Dichlorobenzene-d4	7.52

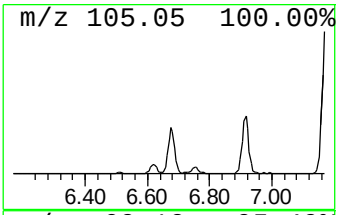
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	43
2	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
3	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	37
4	5-Undecene, 7-methyl-, (E)-	168	C12H24	074630-66-3	35
5	6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	35

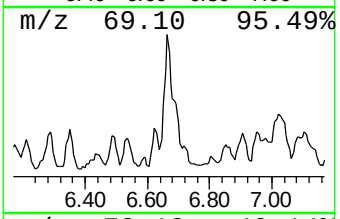


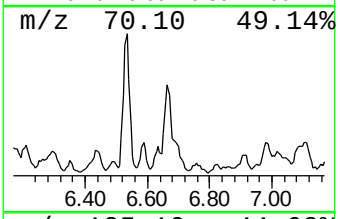


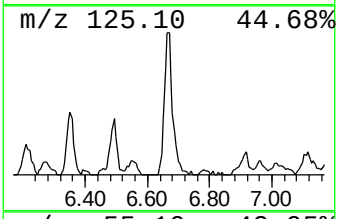


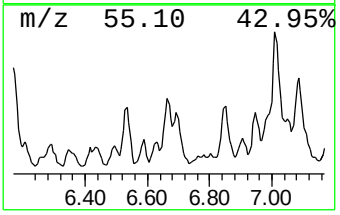












Library Search Compound Report

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Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

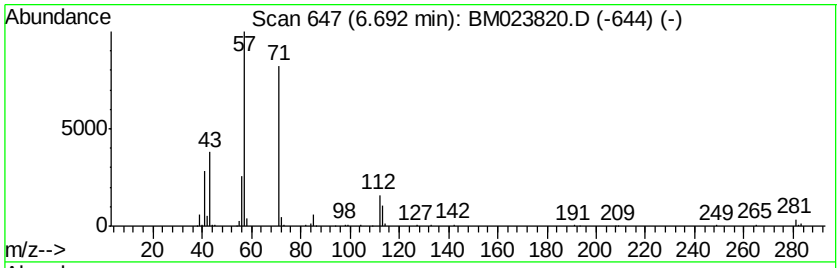
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

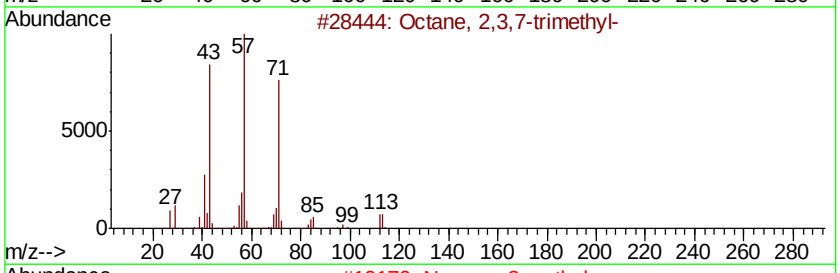
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

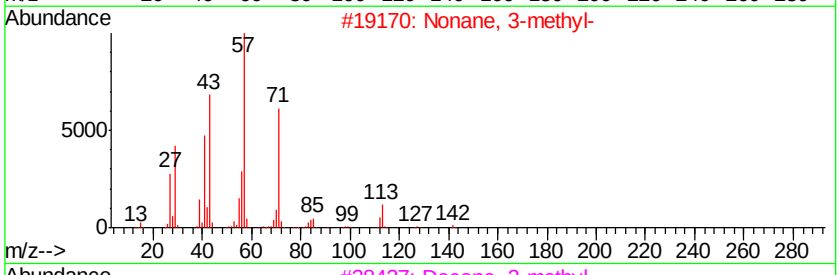
****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 34

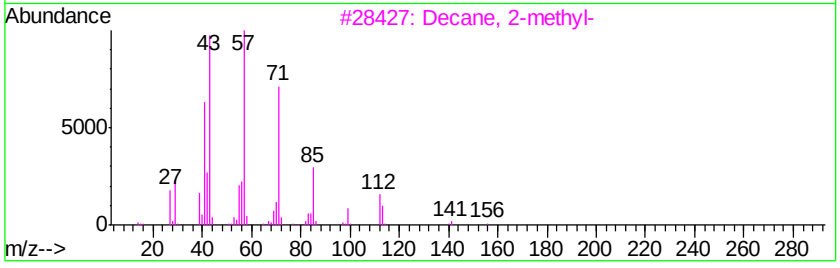
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	4.00 ng/ul	690577	1,4-Dichlorobenzene-d4	7.52

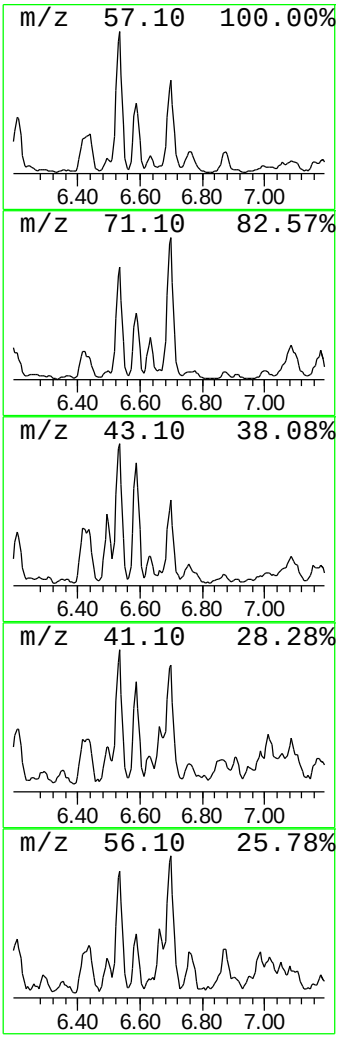
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3	Decane, 2-methyl-	156	C11H24	006975-98-0	64
4	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	64
5	Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	64











Library Search Compound Report

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Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

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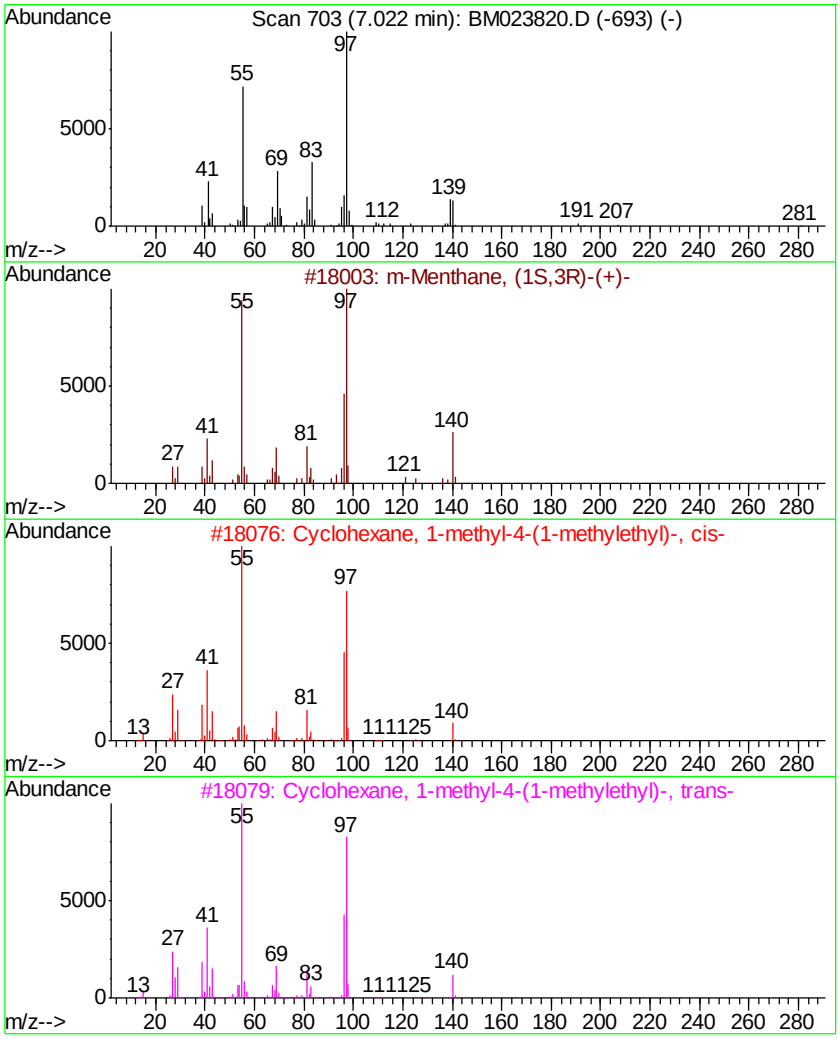
Quant Title : SVOA CALIBRATION

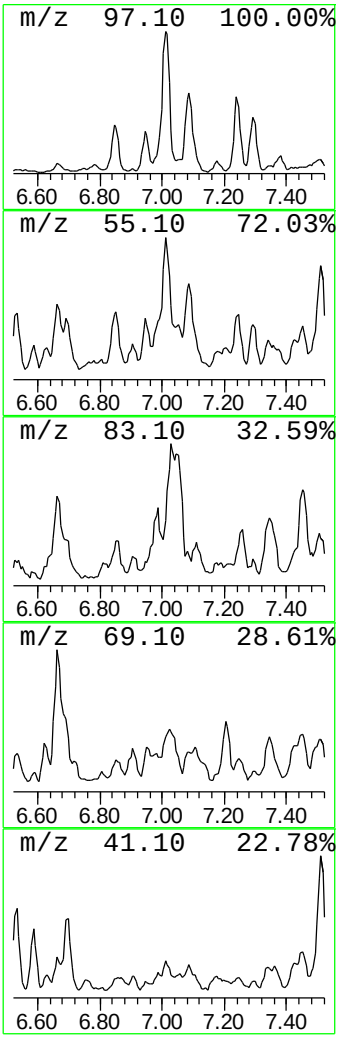
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic7.02 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	2.59 ng/ul	446325	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	86
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	83
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	83
4	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	80
5	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	74





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Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

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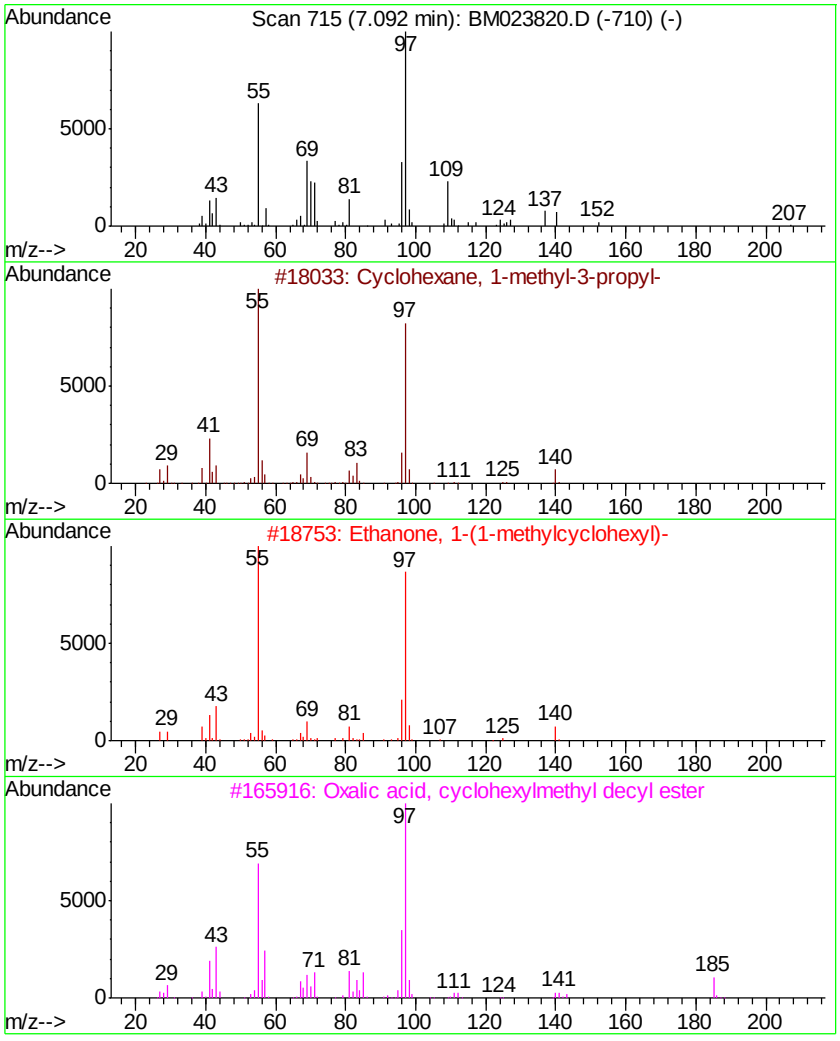
Quant Title : SVOA CALIBRATION

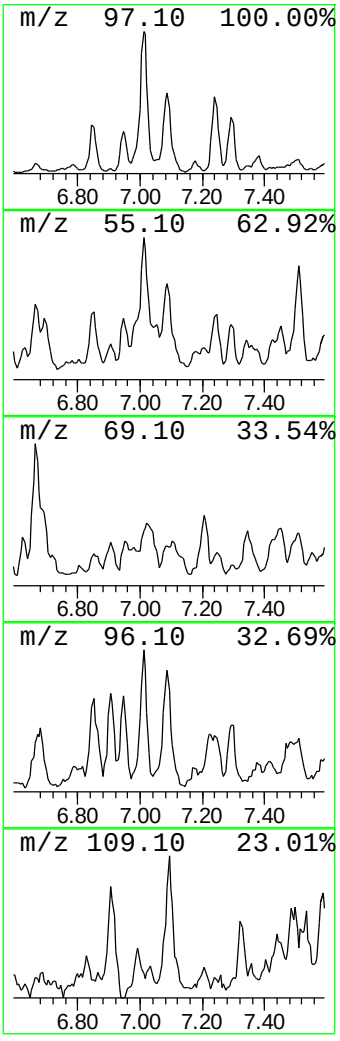
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic7.09 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	2.40 ng/ul	413774	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	64
2	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	59
3	Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	59
4	Carbonic acid, dithio-, S-methyl...	204	C9H16OS2	015288-12-7	53
5	5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	52





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Operator : JU
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

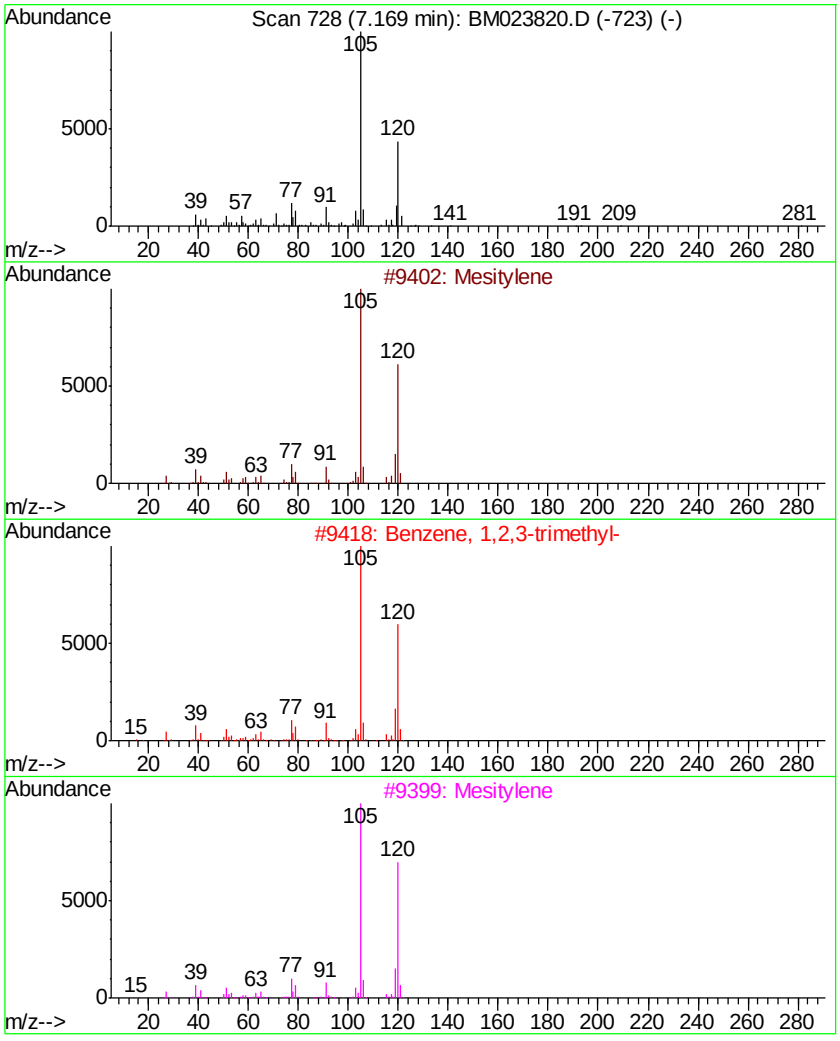
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

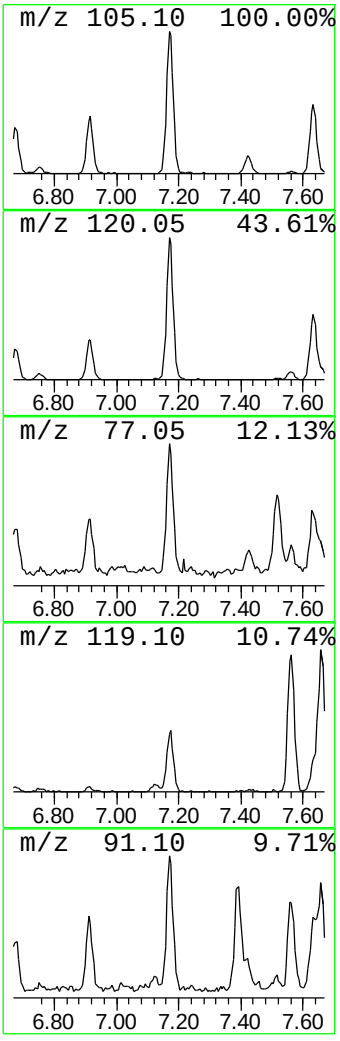
****

Peak Number 12 Mesitylene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	3.97 ng/ul	684068	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	91





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Operator : JU
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

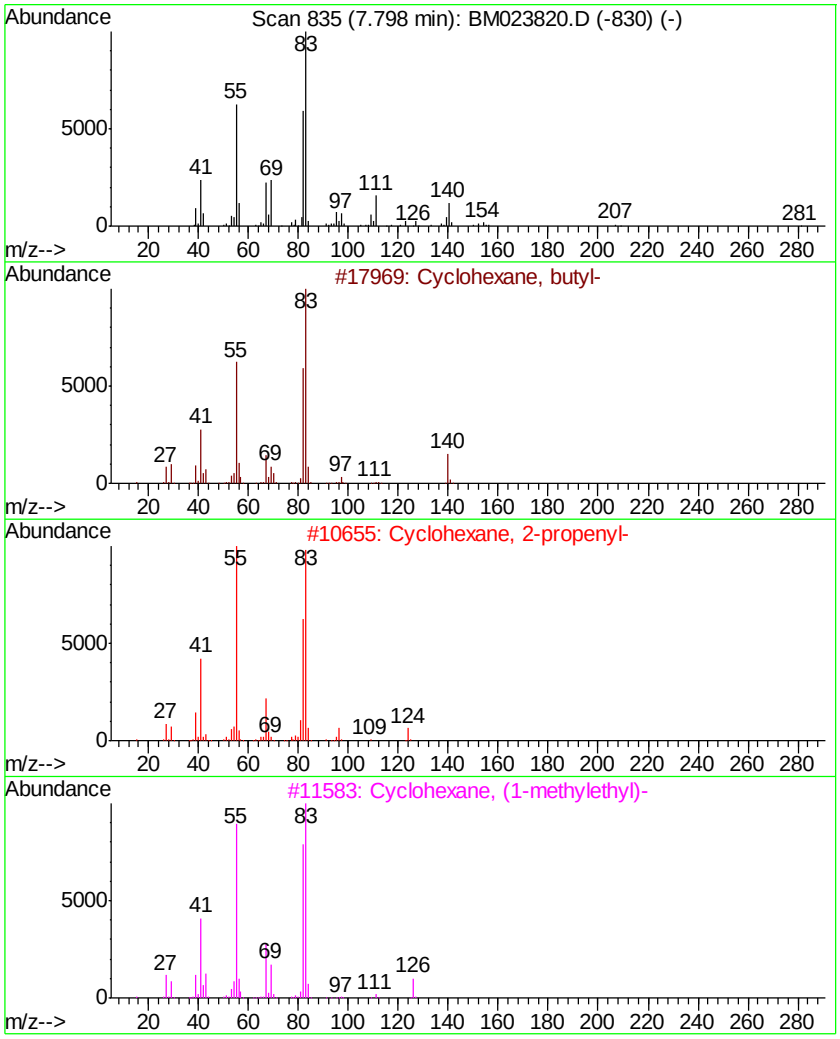
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

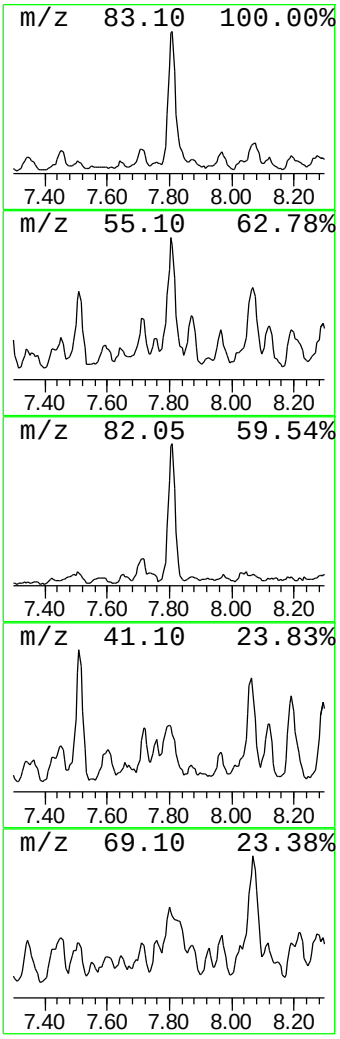
****

Peak Number 13 (DEL) Alkane: Cyclic7.80 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	4.89 ng/ul	844323	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	49
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

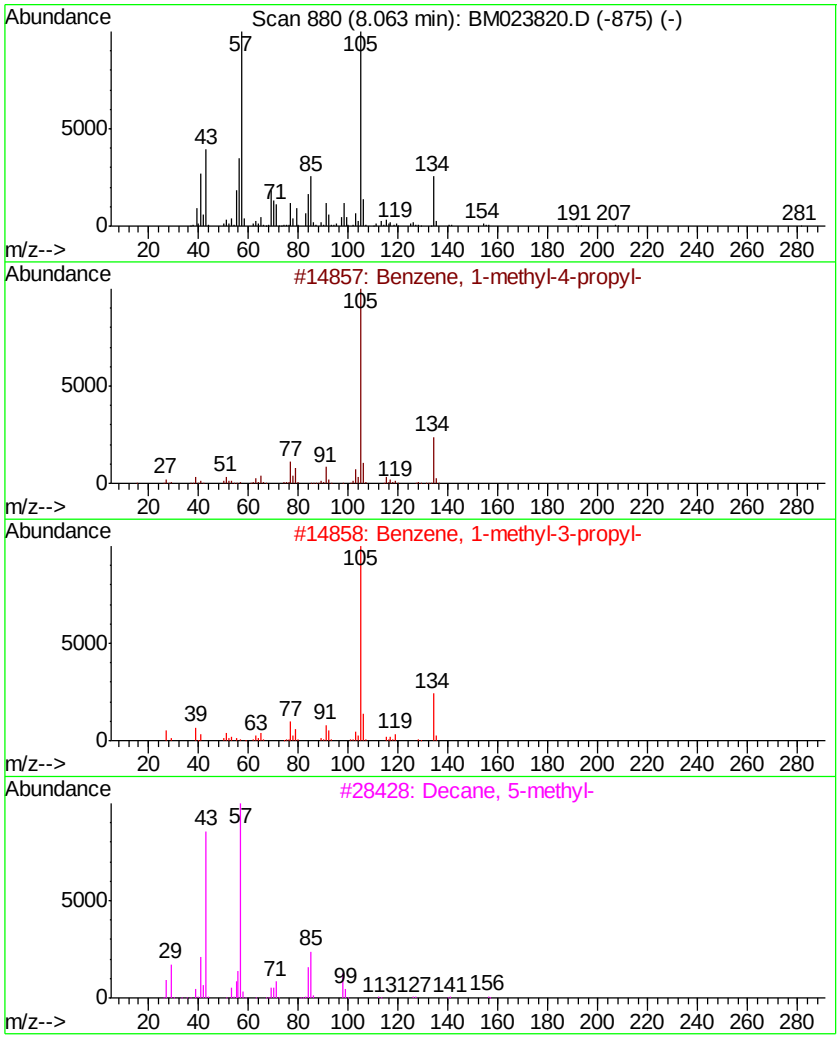
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

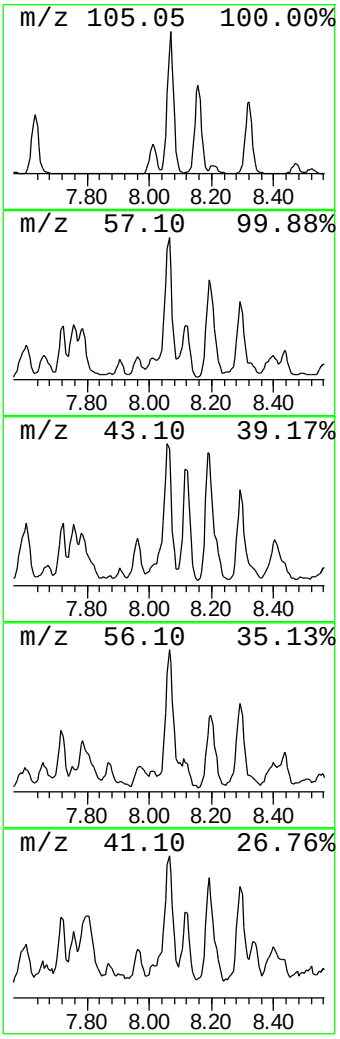
****

Peak Number 14 Benzene, 1-methyl-4-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	8.31 ng/ul	1433720	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	80
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	55
3	Decane, 5-methyl-	156	C11H24	013151-35-4	43
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	42
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42





Library Search Compound Report

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Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

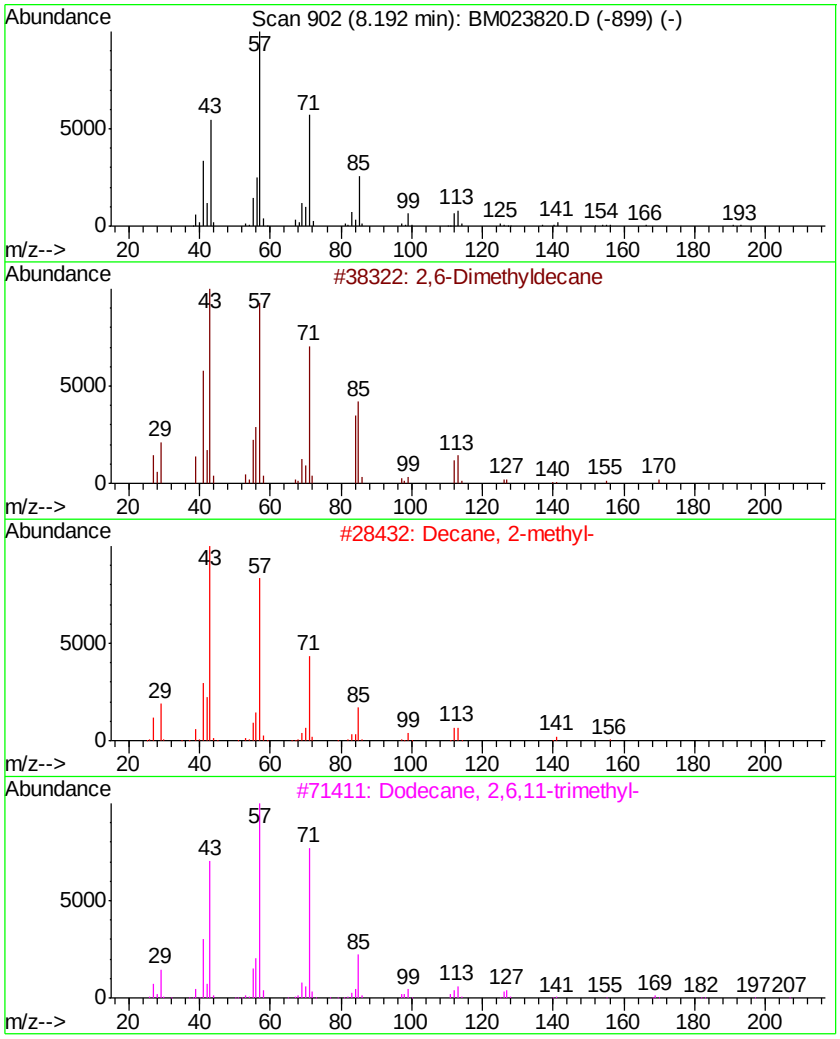
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

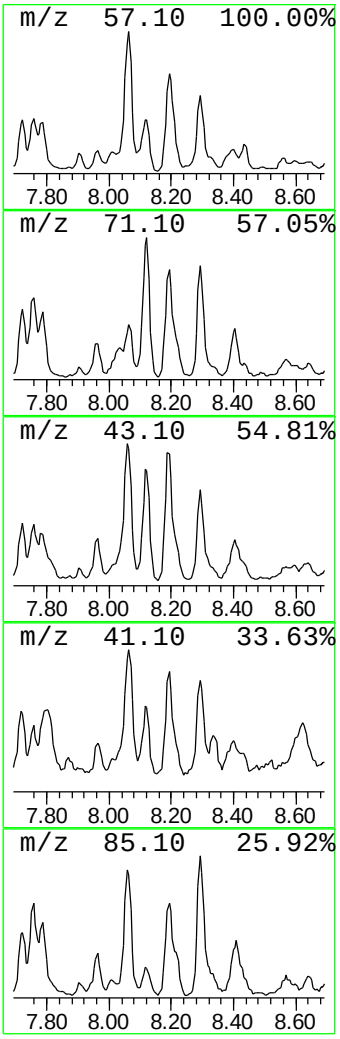
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	5.12 ng/ul	883148	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldecane	170	C12H26	013150-81-7	64
2	Decane, 2-methyl-	156	C11H24	006975-98-0	64
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Heptacosane	380	C27H56	000593-49-7	59
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59





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Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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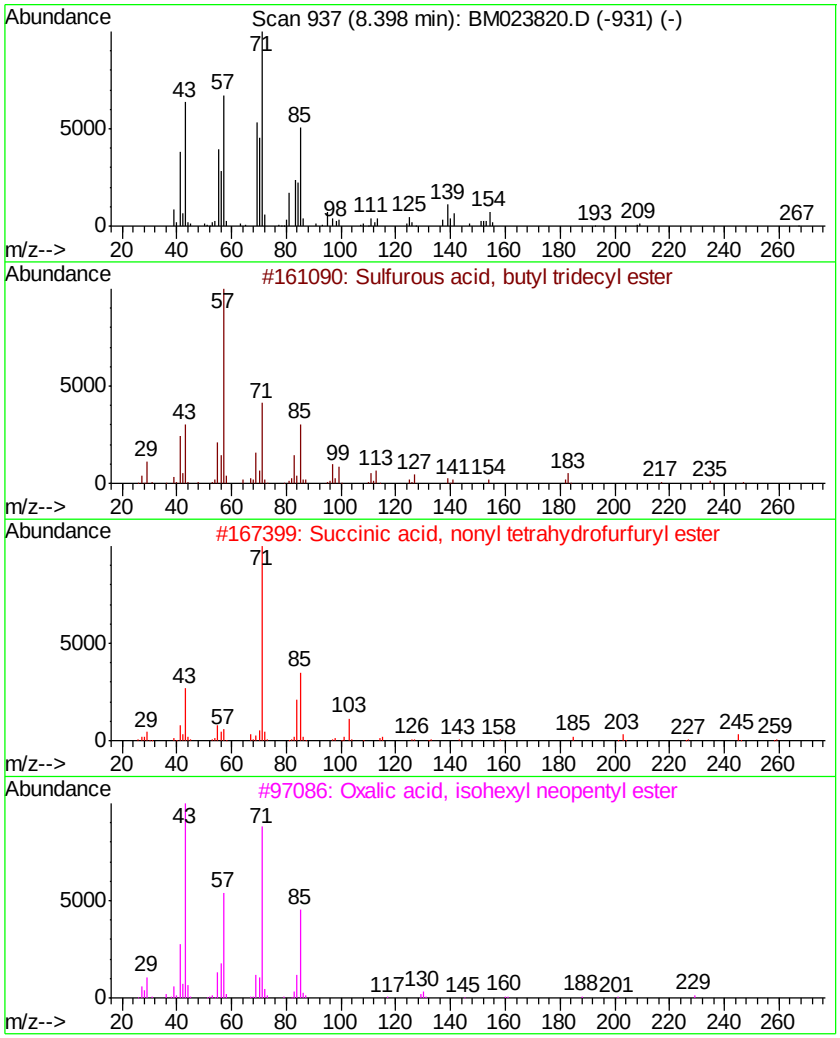
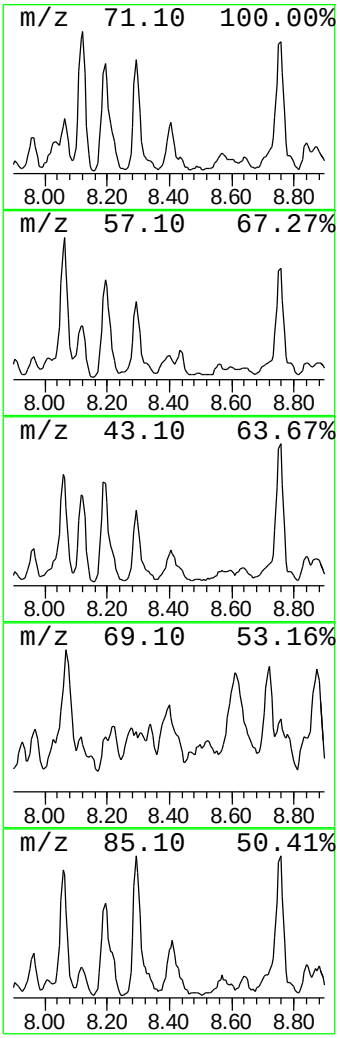
Peak Number 16 Sulfurous acid, butyl tride... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	2.03 ng/ul	350754	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	53
2	Succinic acid, nonyl tetrahydrof...	328	C18H32O5	1000329-86-7	47
3	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	47
4	Succinic acid, dodecyl tetrahydr...	370	C21H38O5	1000329-87-0	47
5	Succinic acid, tetrahydrofurfury...	356	C20H36O5	1000329-86-9	47





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Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

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Quant Title : SVOA CALIBRATION

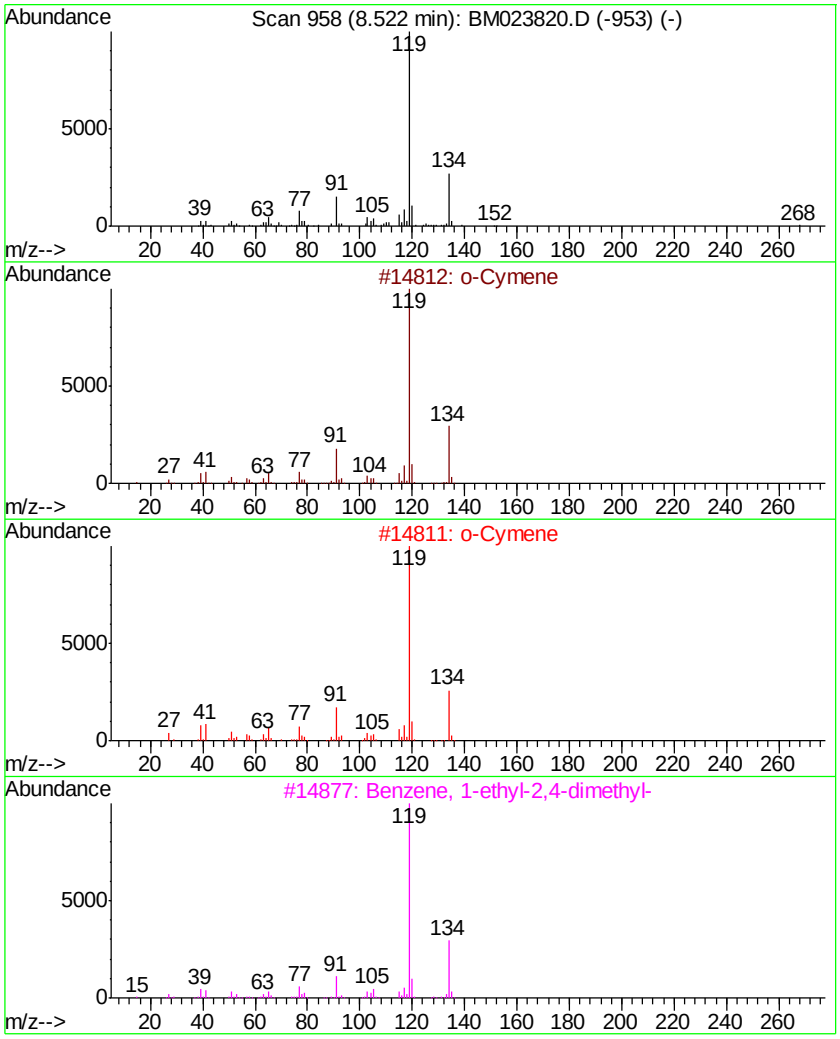
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

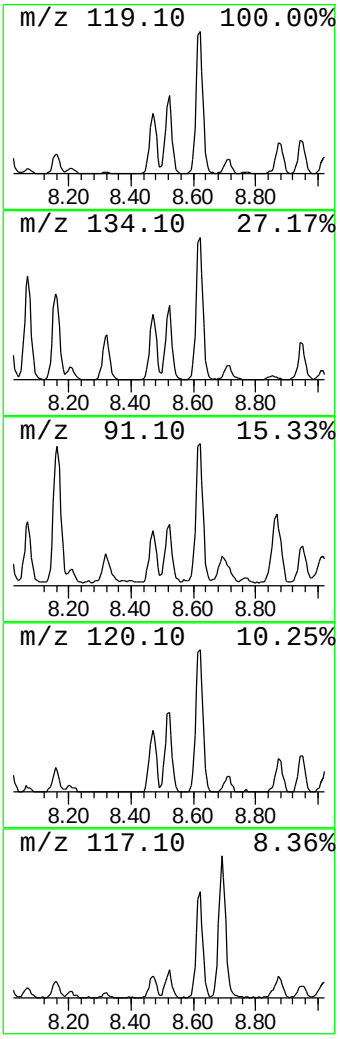
****

Peak Number 17 o-Cymene Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	2.11 ng/ul	364673	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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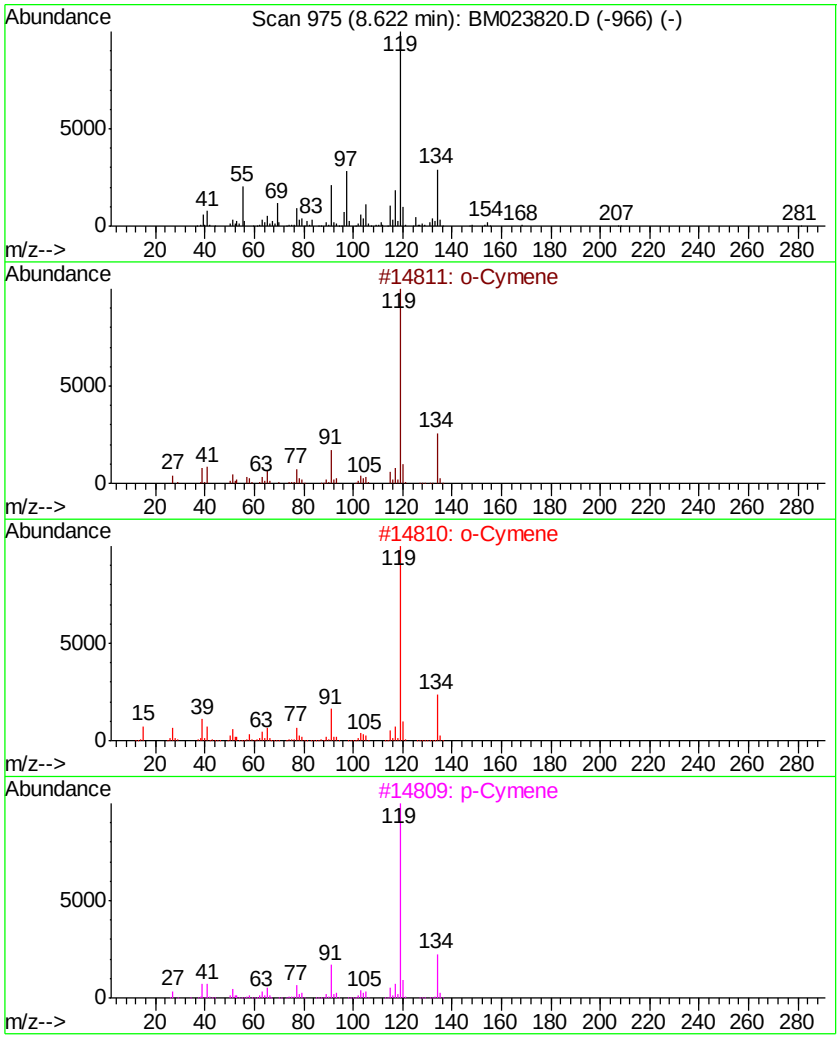
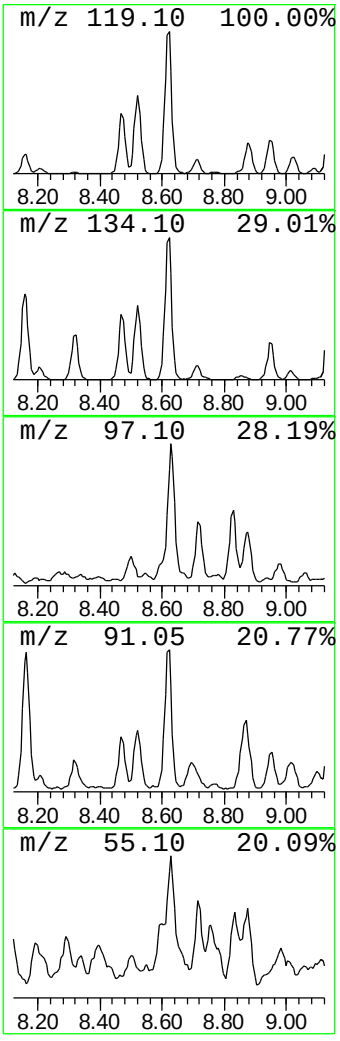
Peak Number 18 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	8.96 ng/ul	1546210	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	o-Cymene	134	C10H14	000527-84-4	92
3	p-Cymene	134	C10H14	000099-87-6	92
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81





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Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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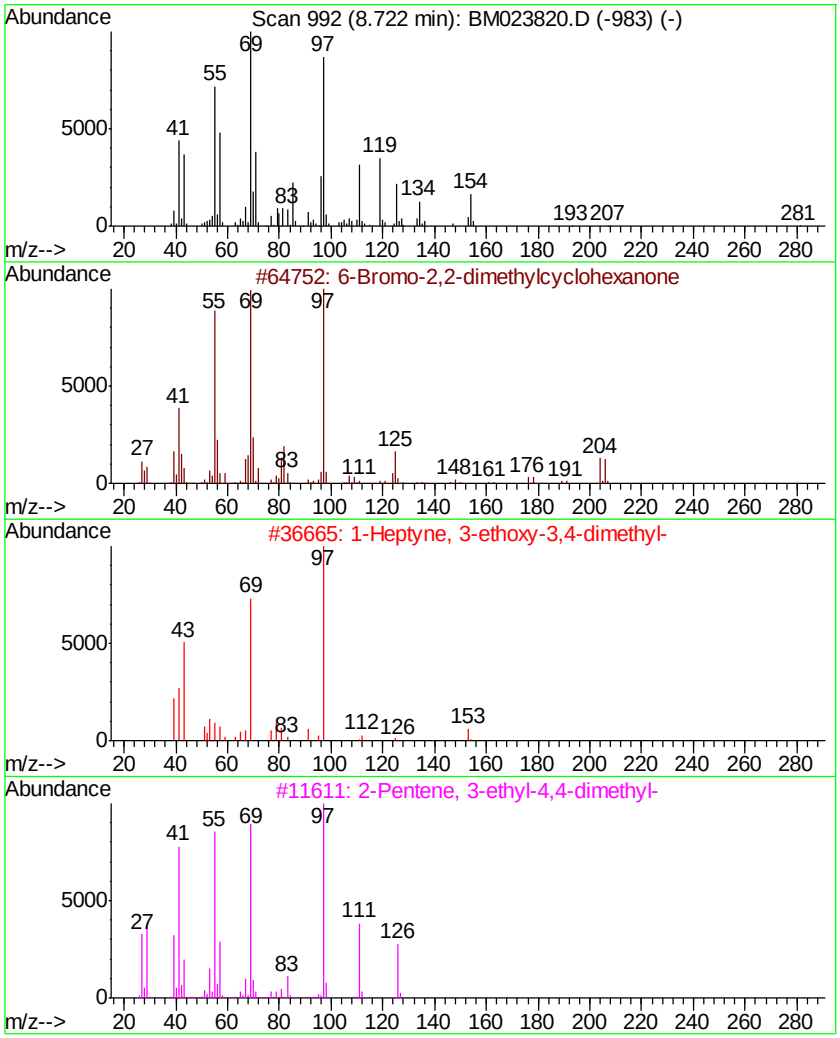
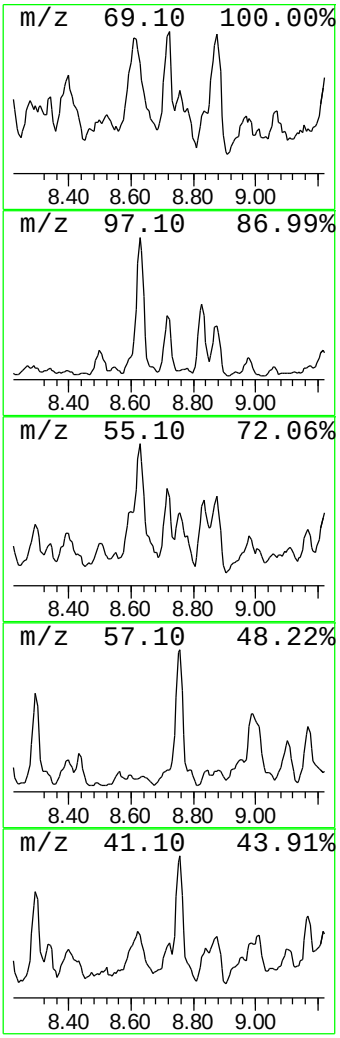
Peak Number 19 unknown-02 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	3.14 ng/ul	541665	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Bromo-2,2-dimethylcyclohexanone	204	C8H13BrO	021690-26-6	43
2	1-Heptyne, 3-ethoxy-3,4-dimethyl-	168	C11H20O	054411-04-0	38
3	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	38
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	22
5	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	22





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ALS Vial : 30 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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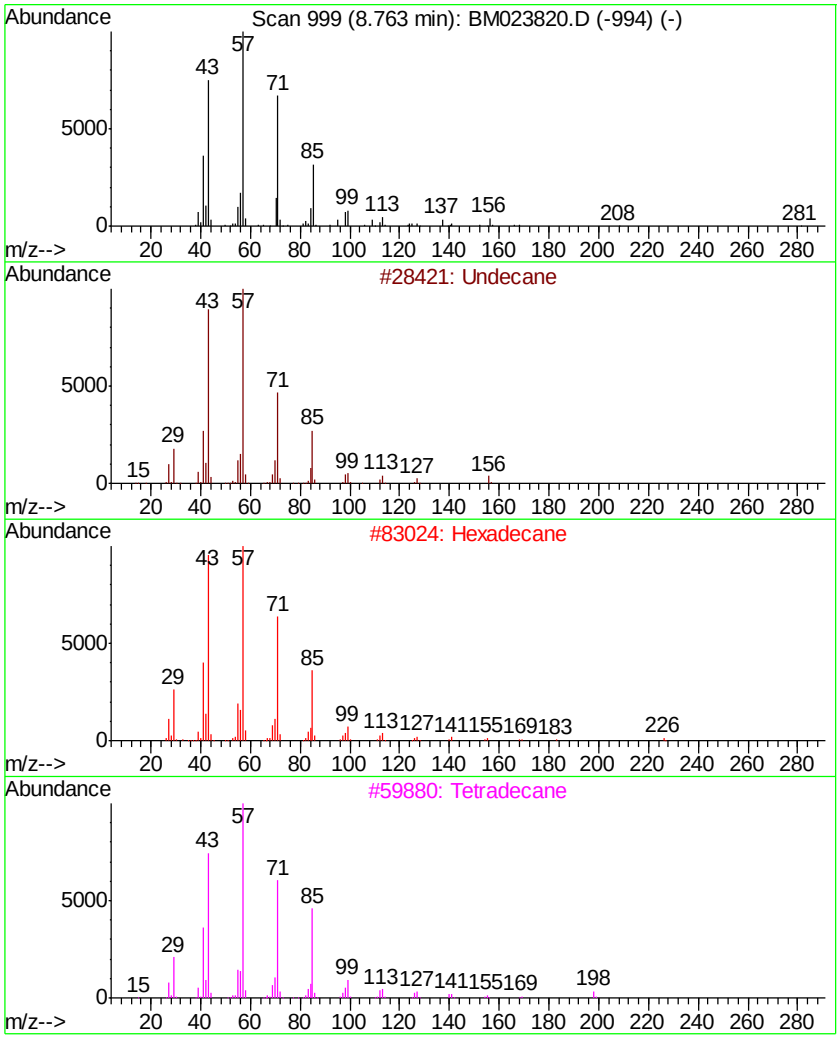
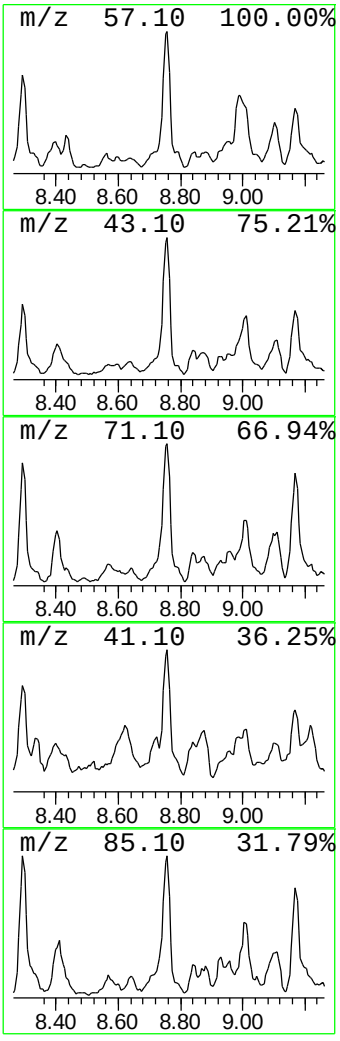
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	5.98 ng/ul	1031930	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83
5	Undecane	156	C11H24	001120-21-4	83





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Acq On : 20 Nov 2019 05:43
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Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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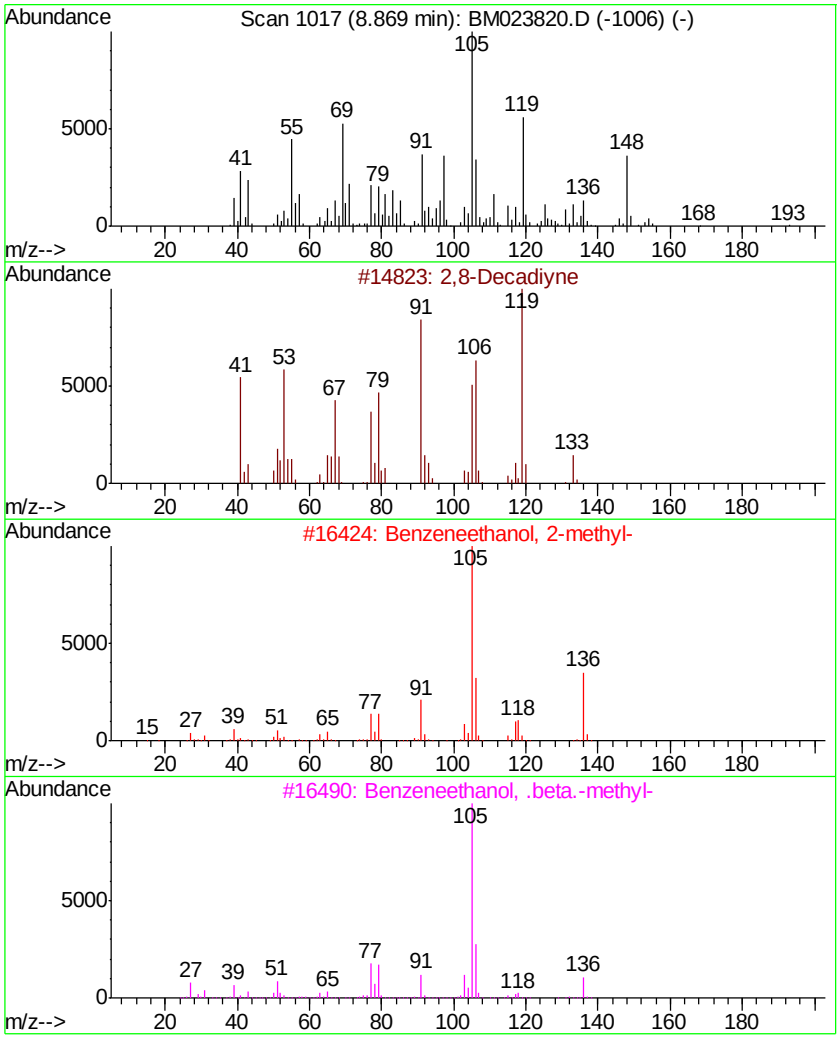
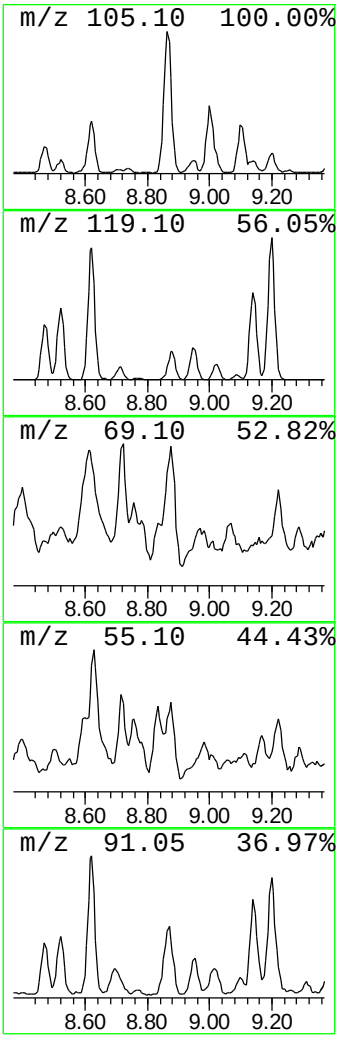
Peak Number 21 2,8-Decadiyne Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	8.45 ng/ul	1457210	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Decadiyne	134	C10H14	004116-93-2	55
2	Benzeneethanol, 2-methyl-	136	C9H12O	019819-98-8	51
3	Benzeneethanol, .beta.-methyl-	136	C9H12O	001123-85-9	35
4	4-Methylphenyl acetone	148	C10H12O	002096-86-8	30
5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	25





Library Search Compound Report

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Operator : JU
Sample : K5847-03
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Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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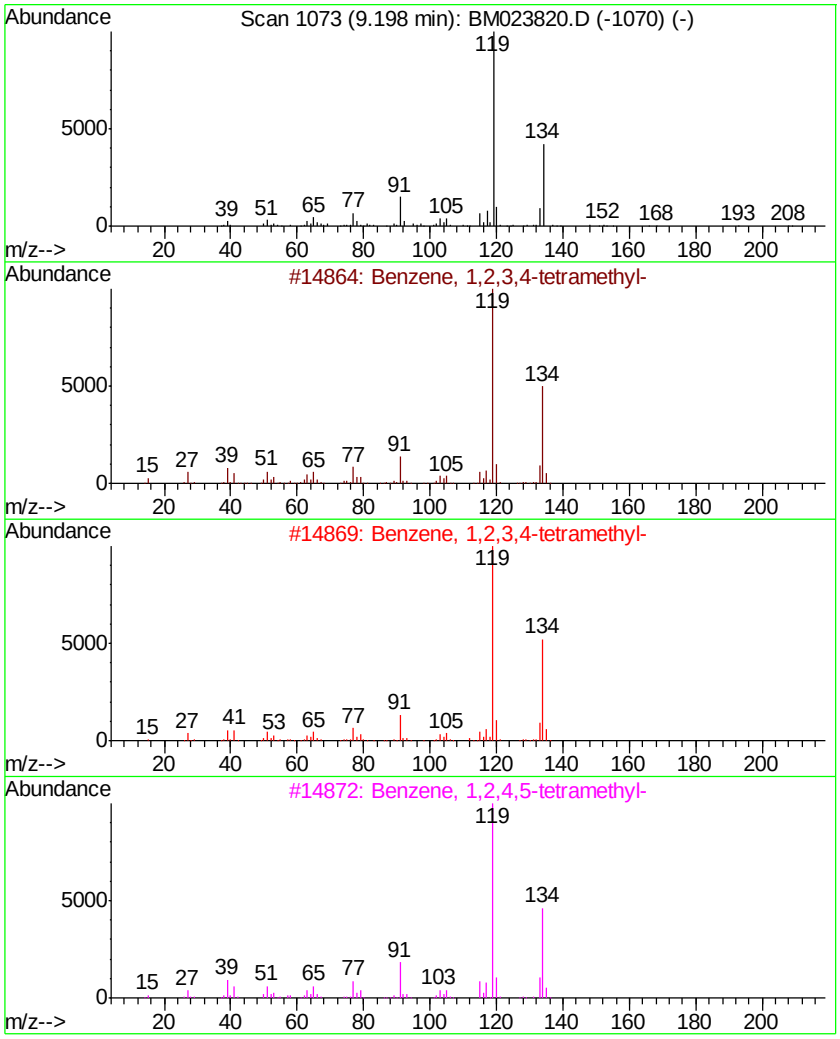
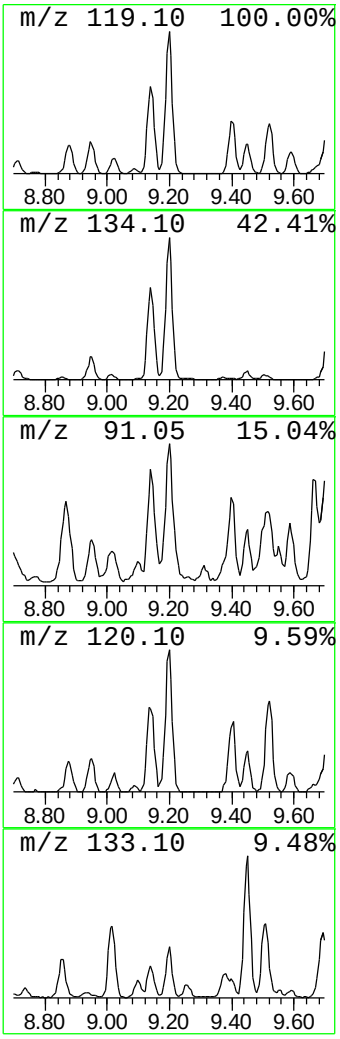
Peak Number 22 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	4.15 ng/ul	1437590	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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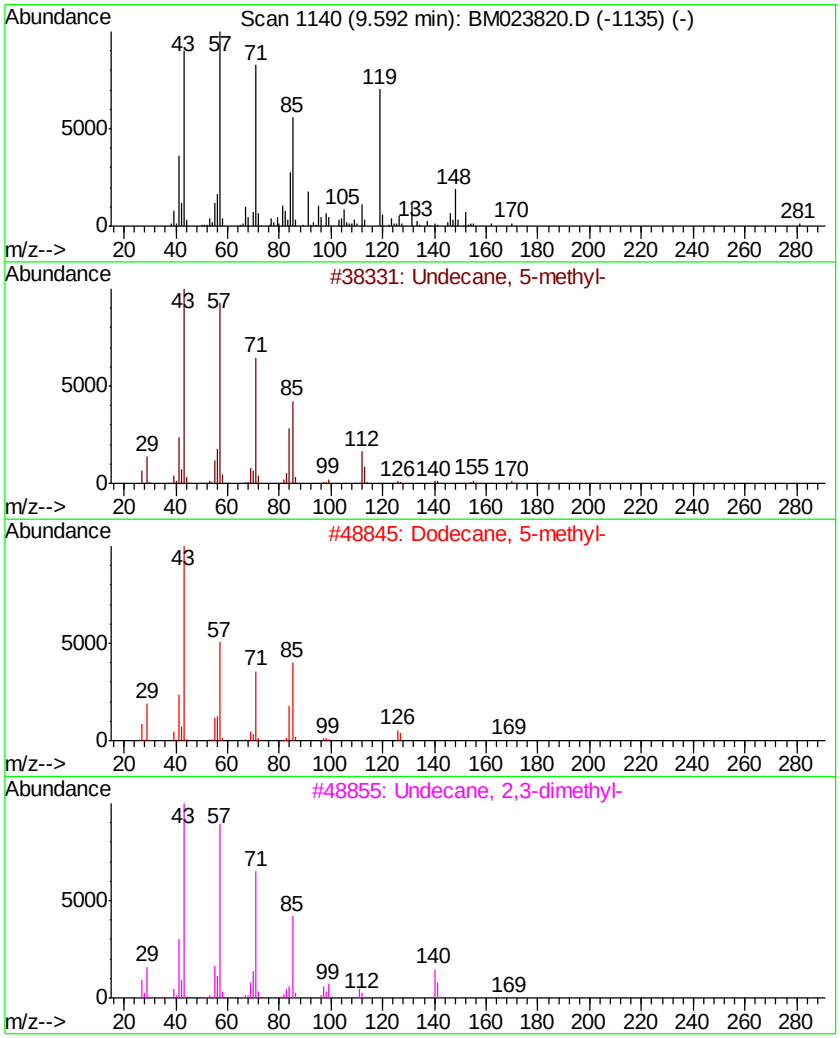
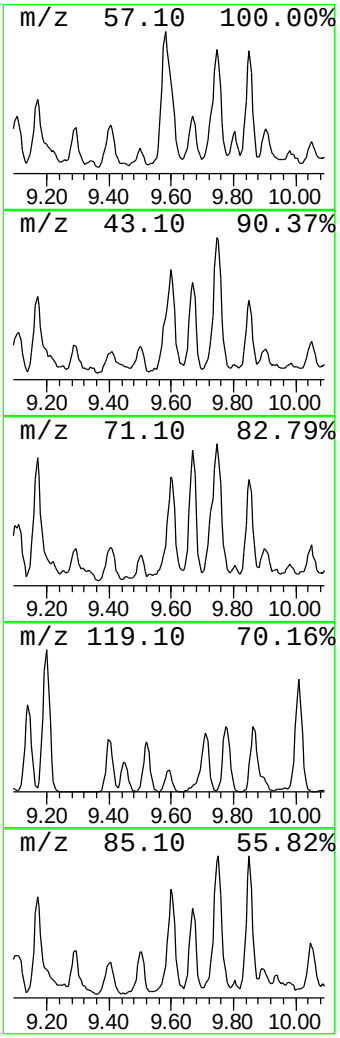
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	2.32 ng/ul	806113	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
2	Dodecane, 5-methyl-	184	C13H28	017453-93-9	52
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	47
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	47
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	47





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
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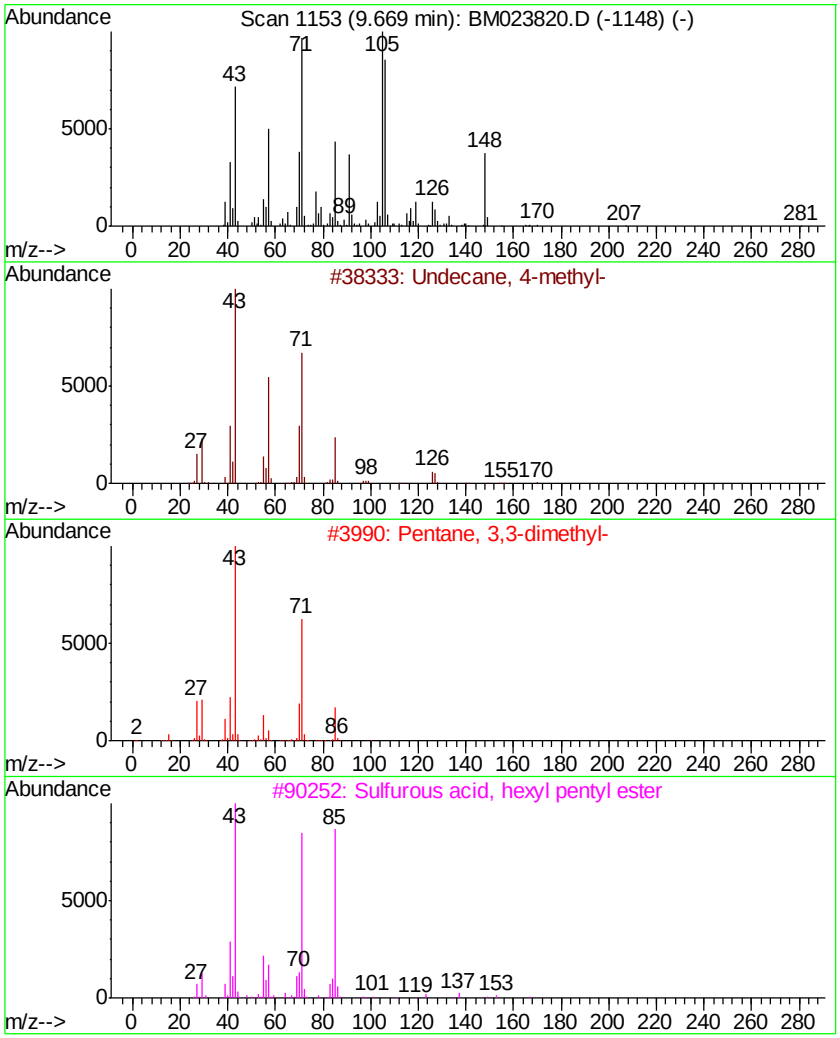
Quant Title : SVOA CALIBRATION

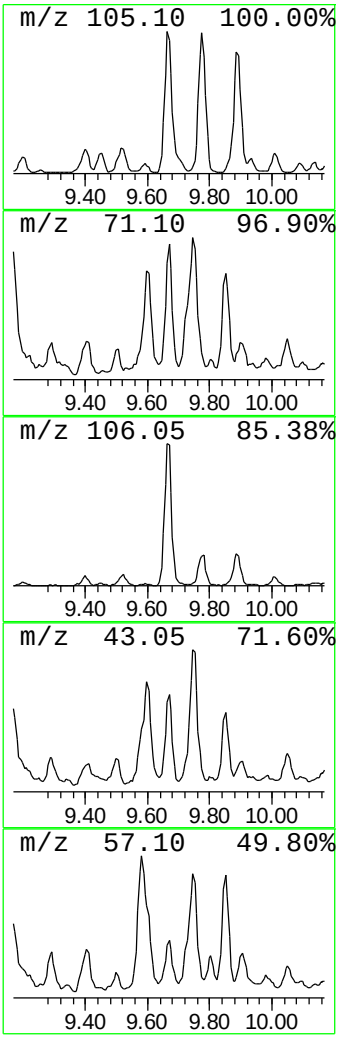
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	2.69 ng/ul	931645	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	43
2	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	35
3	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	27
4	Oxalic acid, neopentyl nonyl ester	286	C16H30O4	1000309-73-3	22
5	3,3-Dimethylheptadecane	268	C19H40	1000360-43-3	22





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ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
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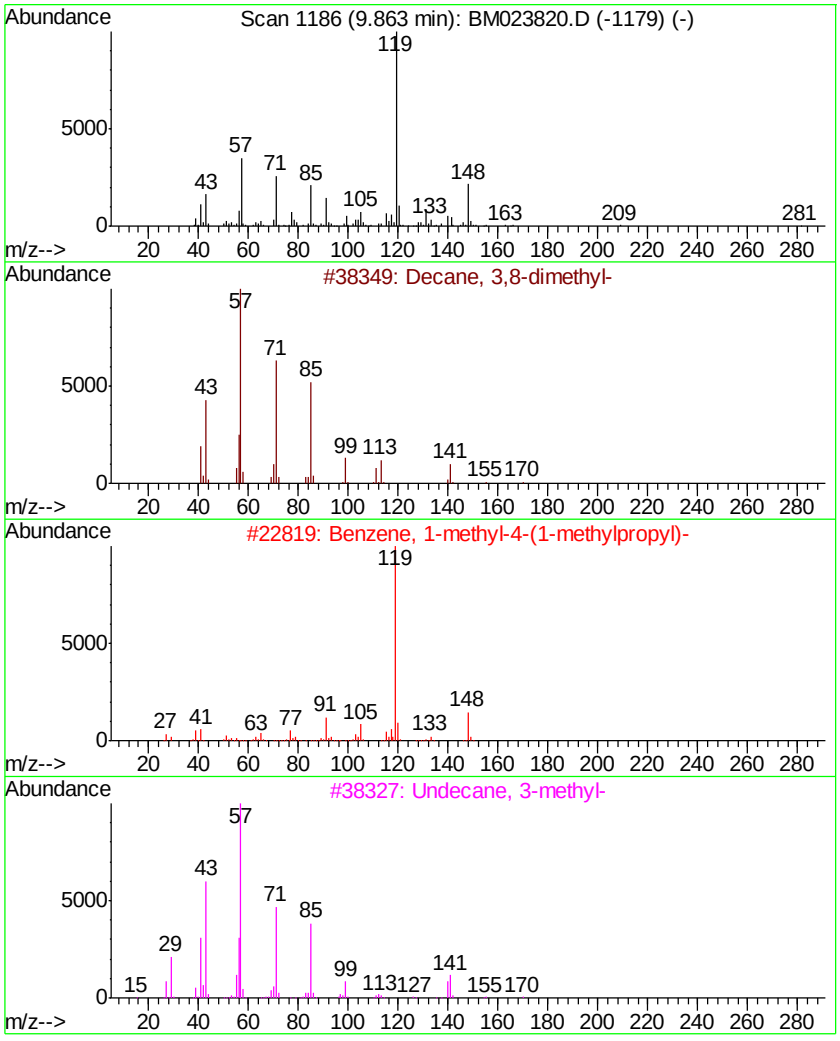
Quant Title : SVOA CALIBRATION

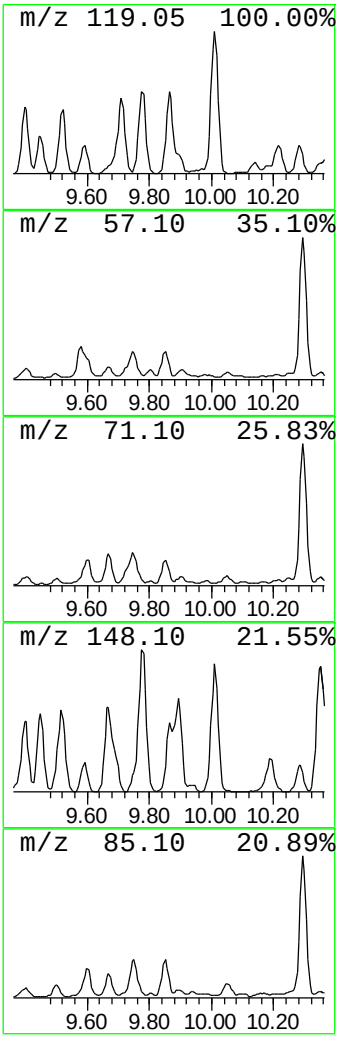
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.24 ng/ul	776393	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	70
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	30
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	30
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	30





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ClientSampleId : BFPS4

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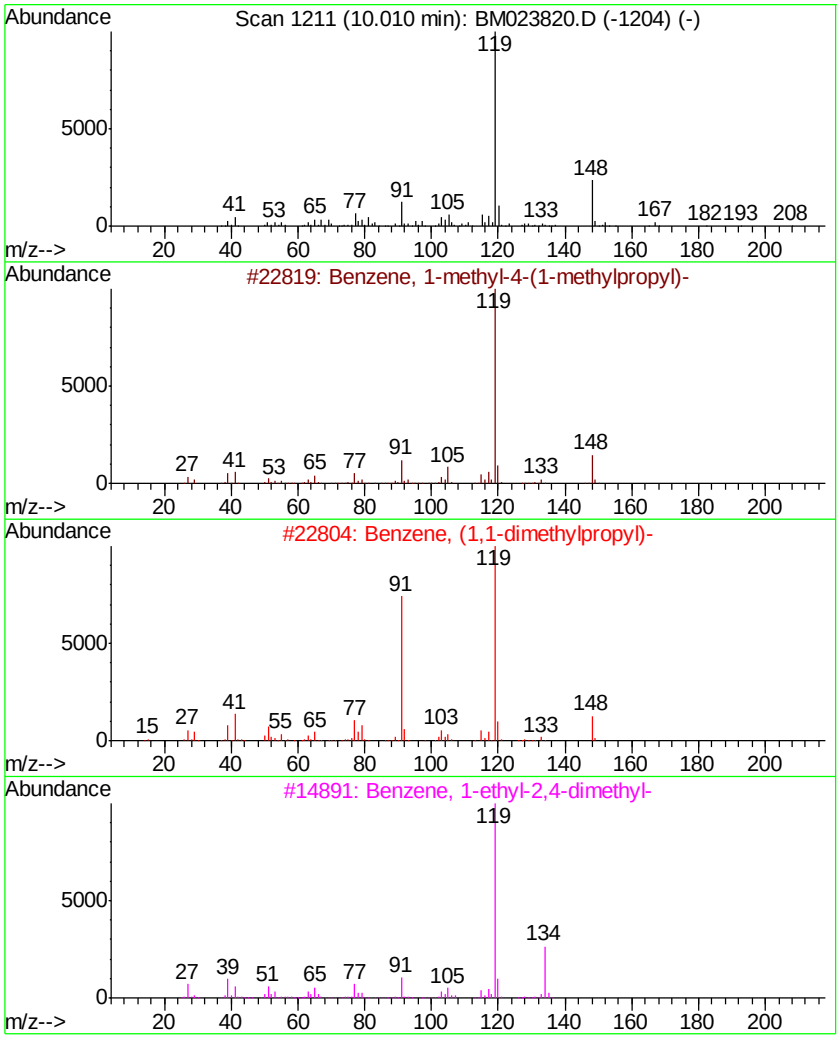
Quant Title : SVOA CALIBRATION

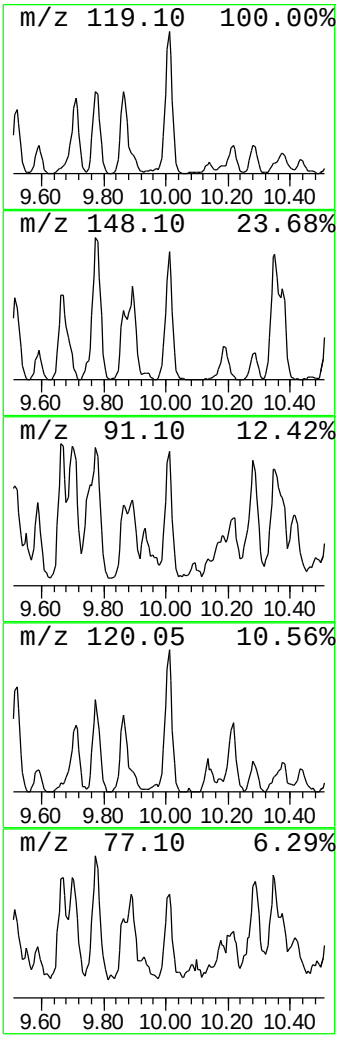
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1-methyl-4-(1-meth... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	2.08 ng/ul	721728	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	90
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	68
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

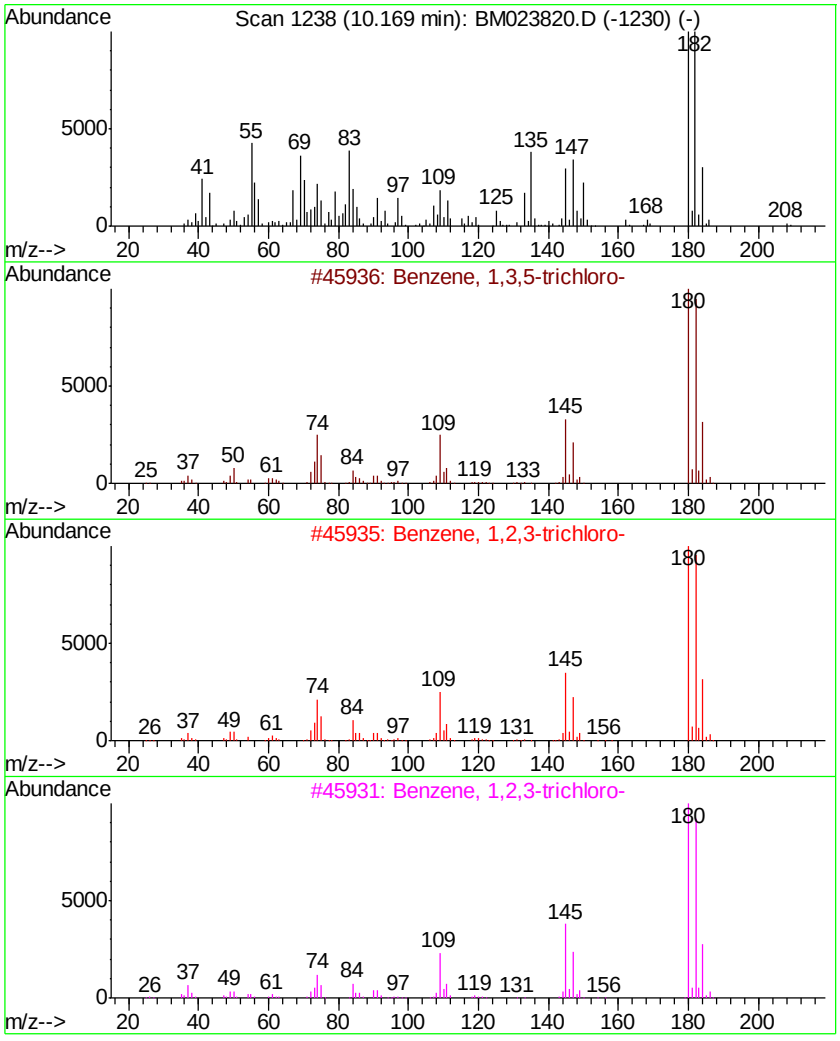
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

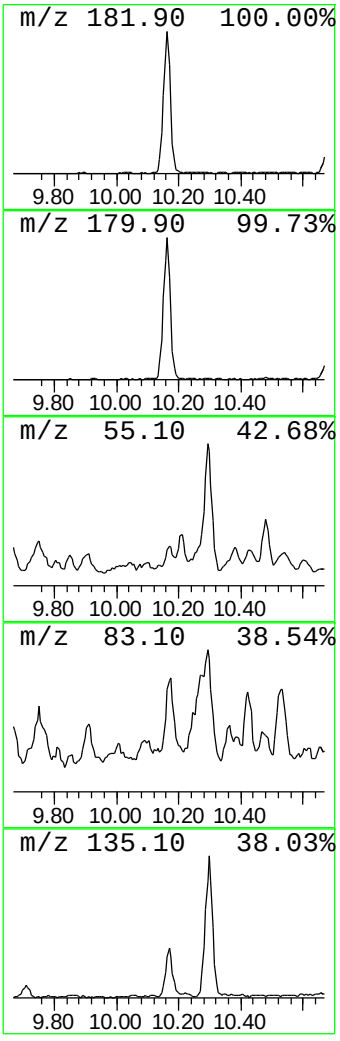
****

Peak Number 27 Benzene, 1,3,5-trichloro- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	2.39 ng/ul	830455	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	93
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

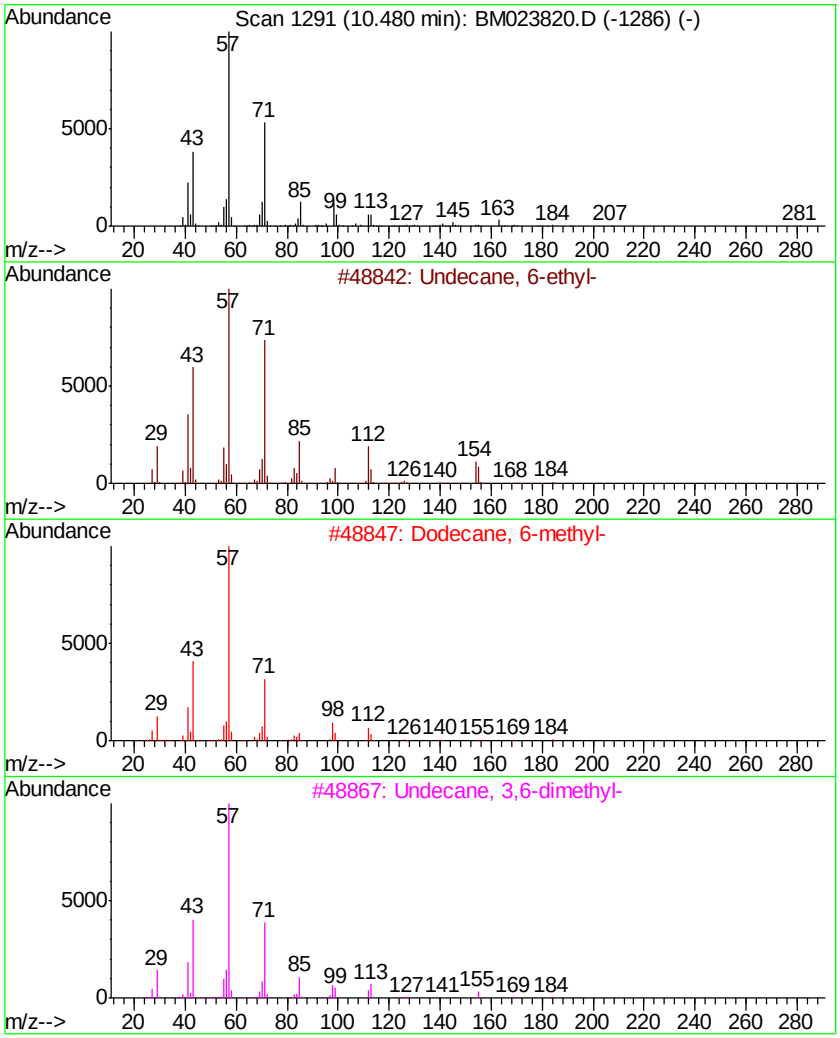
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

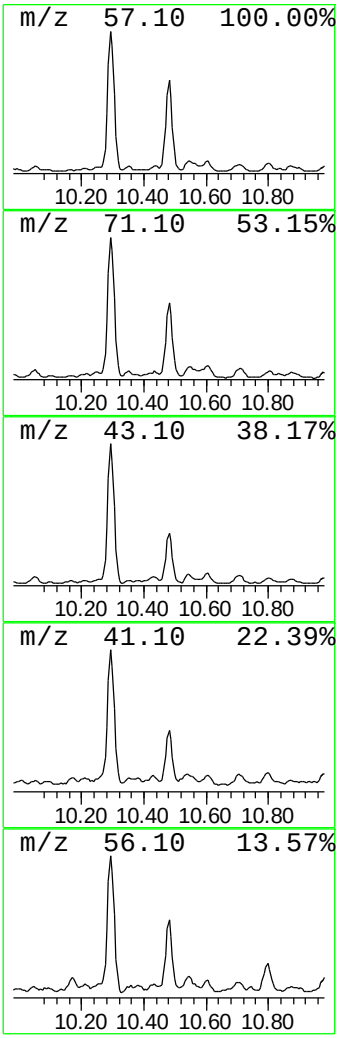
****

Peak Number 28 Undecane, 6-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	4.50 ng/ul	1560730	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	86
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

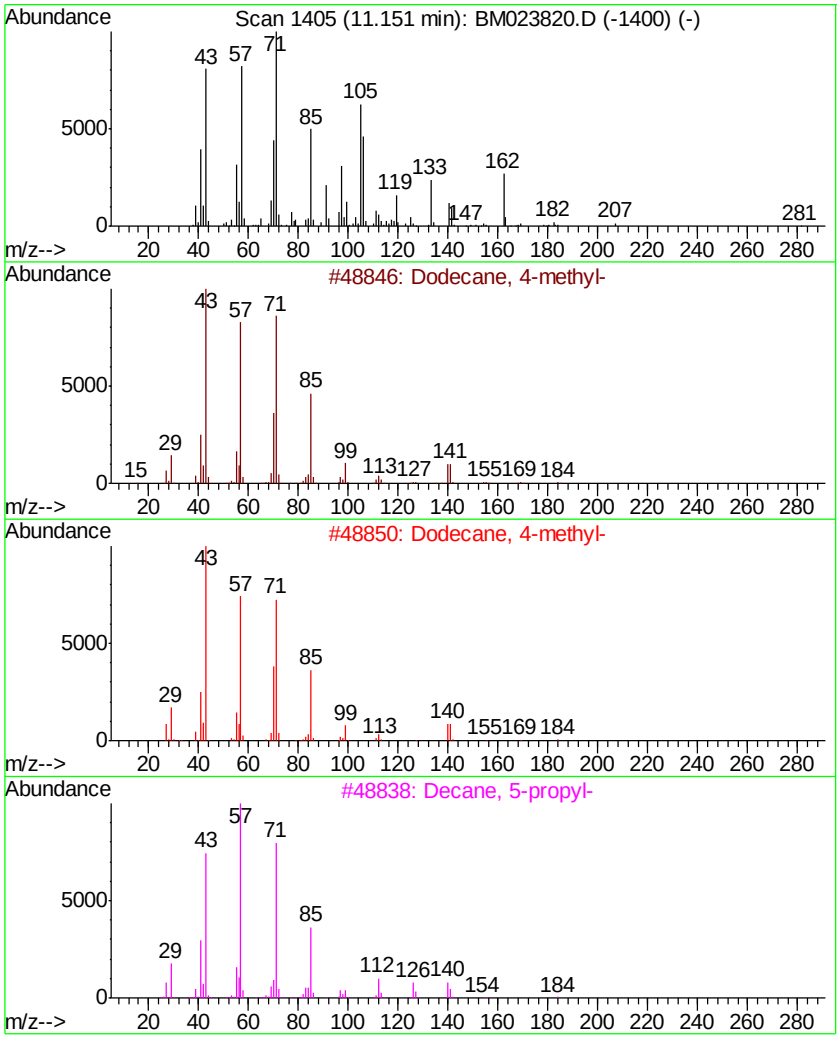
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

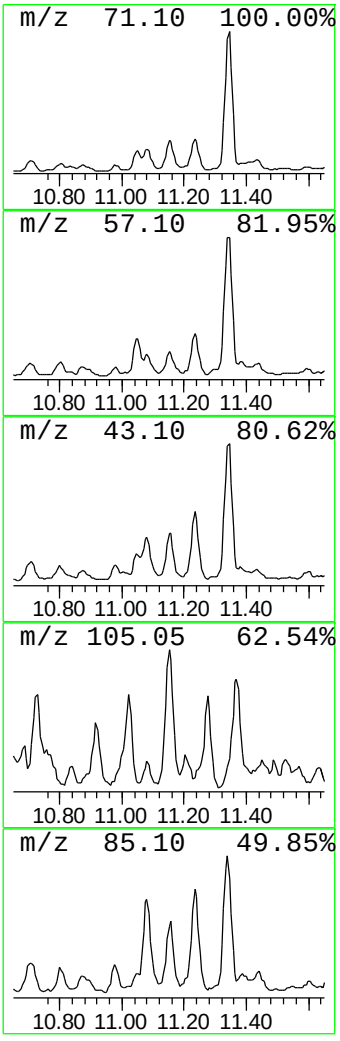
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	2.27 ng/ul	786354	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	95
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	78
3	Decane, 5-propyl-	184	C13H28	017312-62-8	43
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

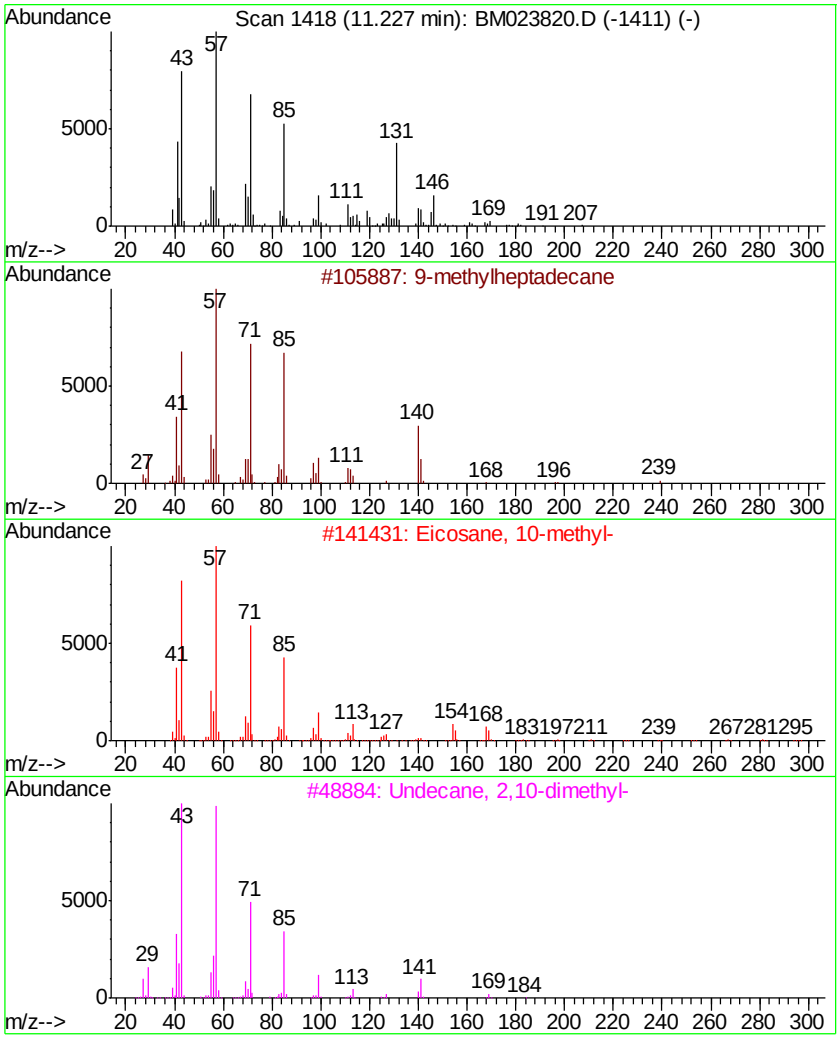
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

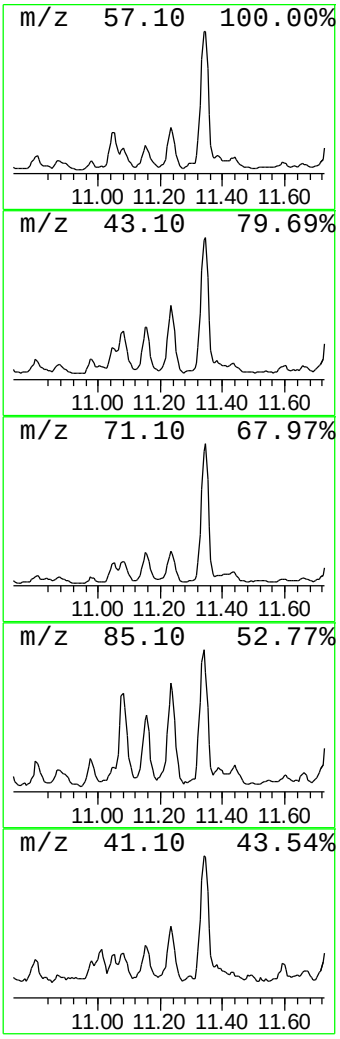
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	3.50 ng/ul	1214610	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-methylheptadecane	254	C18H38	026741-18-4	83
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
3	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	64
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	60
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

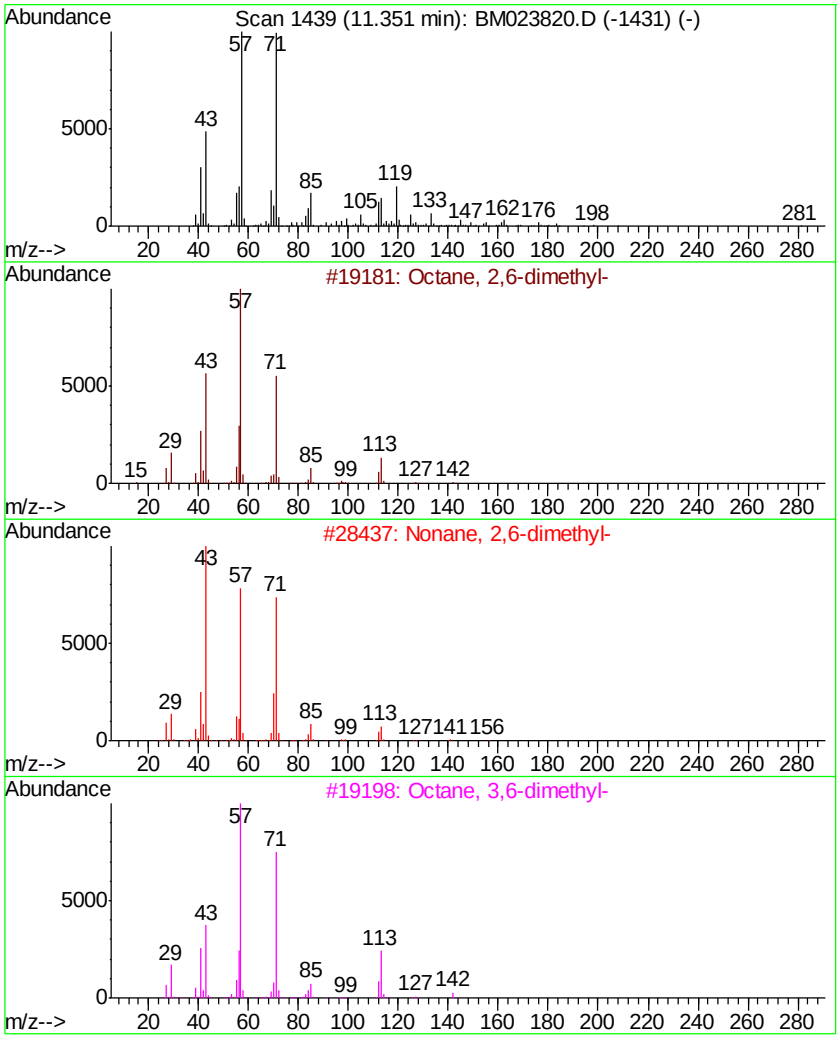
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

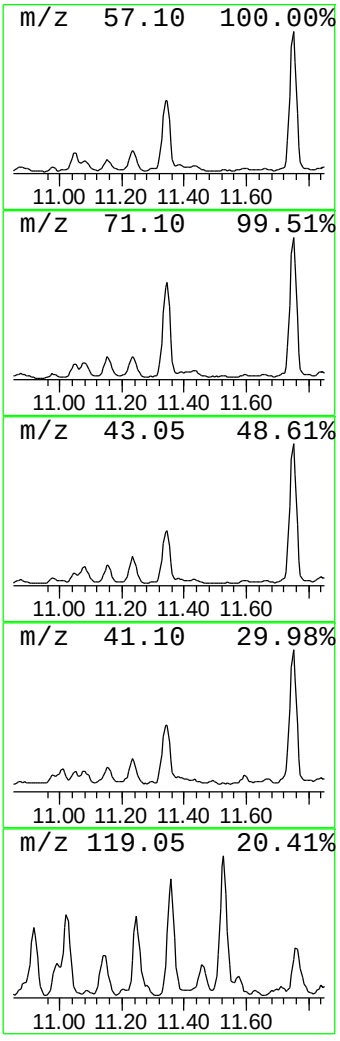
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	7.74 ng/ul	2683230	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	86
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
5	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

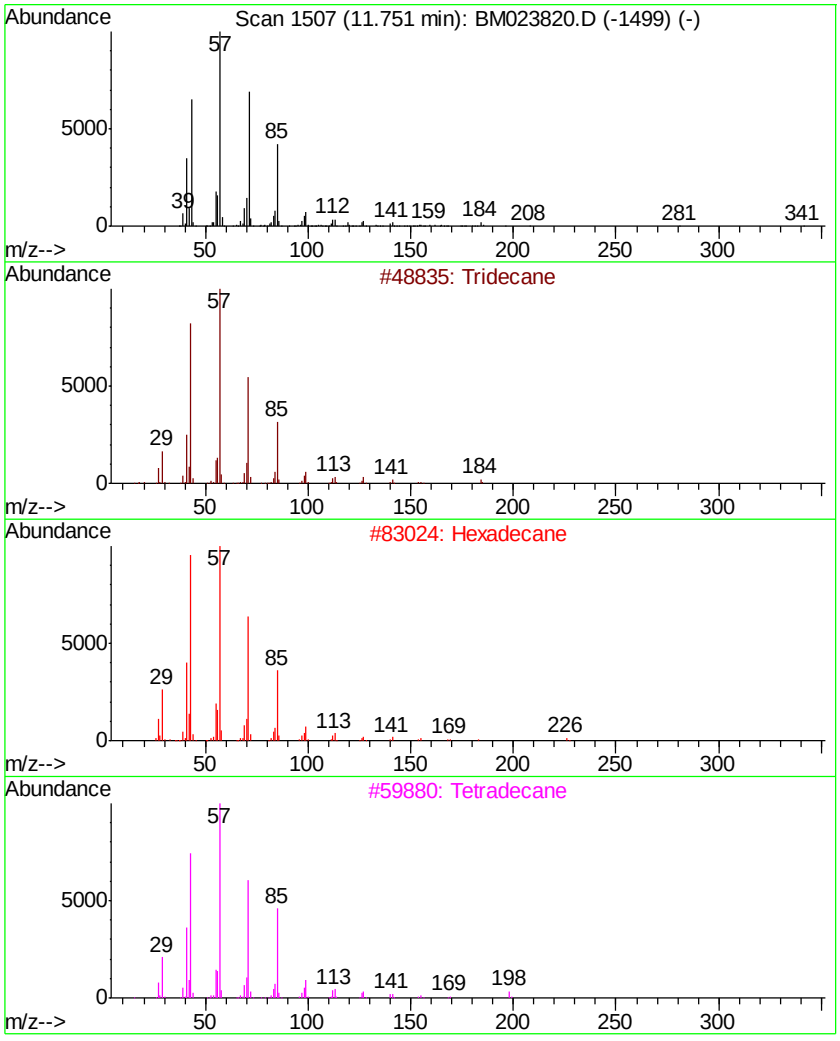
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

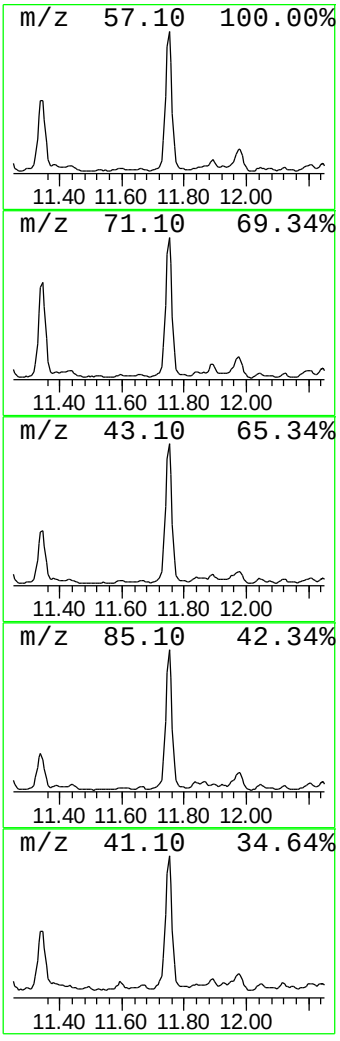
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	12.44 ng/ul	4315150	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Hexadecane	226	C16H34	000544-76-3	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Tridecane	184	C13H28	000629-50-5	81
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

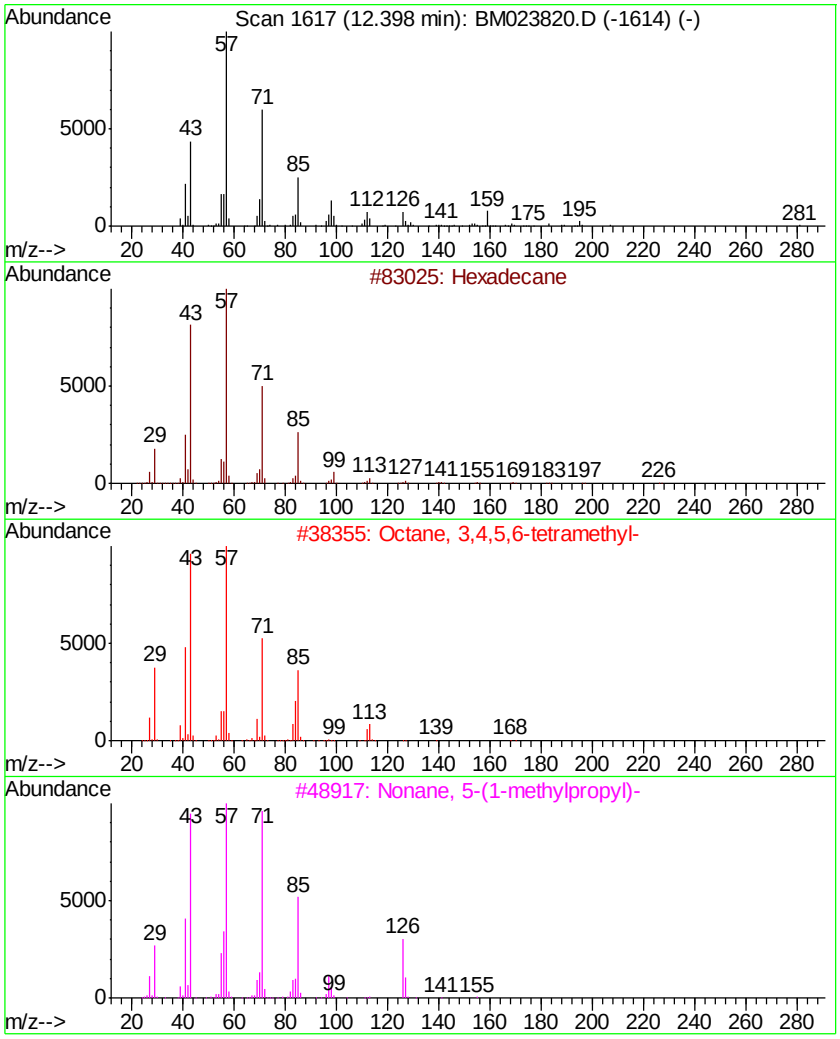
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

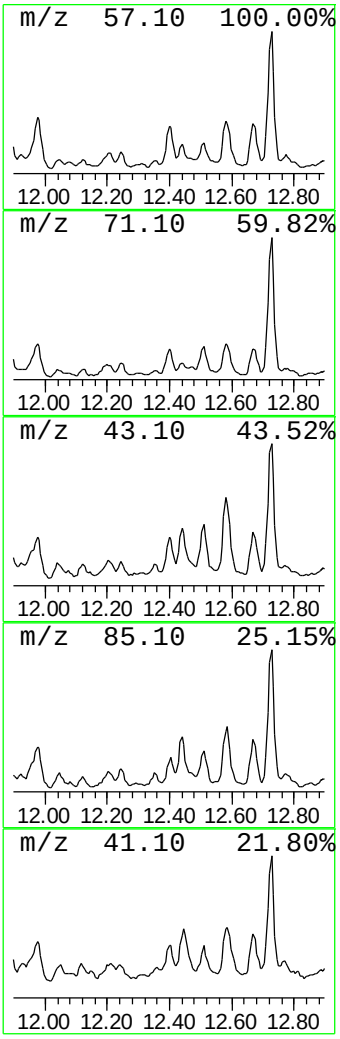
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.19 ng/ul	501965	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	58
2	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	47
3	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	47
4	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	43
5	Tetradecane	198	C14H30	000629-59-4	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

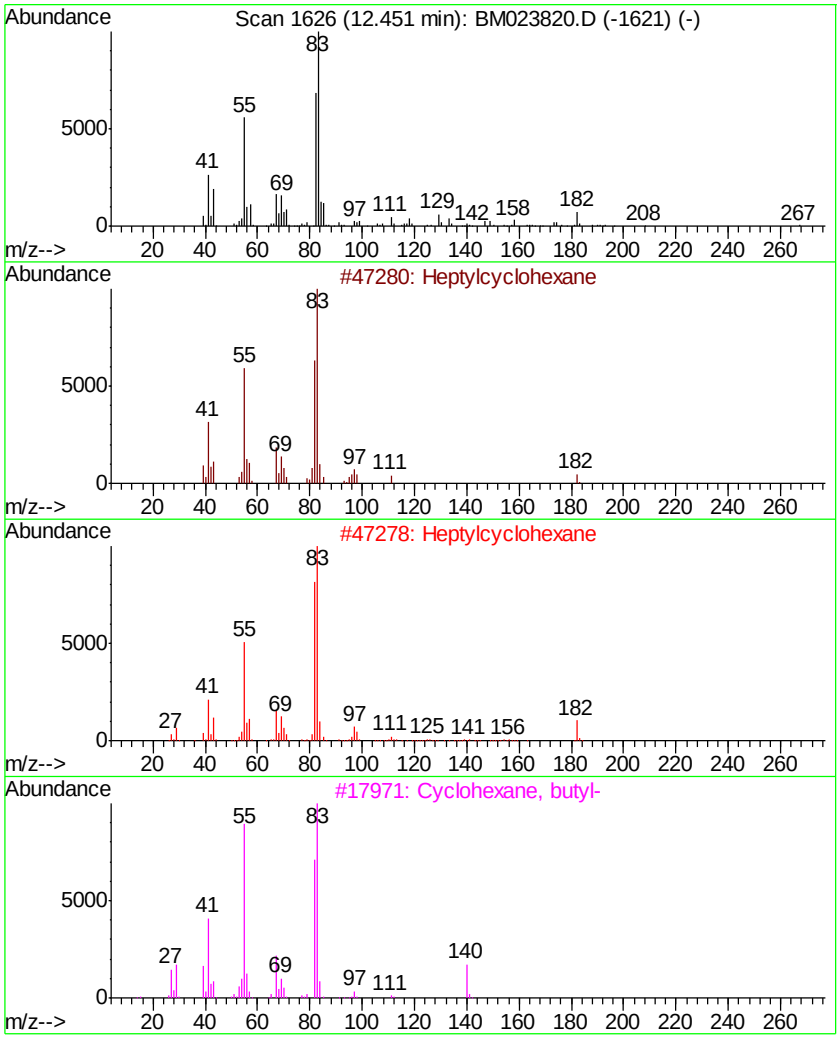
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

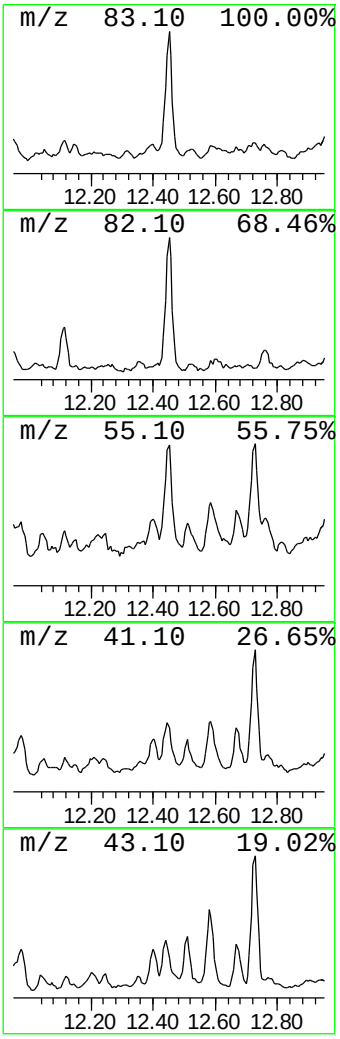
****

Peak Number 34 (DEL) Alkane: Cyclic12.45 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	3.49 ng/ul	799706	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	64
2	Heptylcyclohexane	182	C13H26	005617-41-4	59
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
4	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	53
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53





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Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

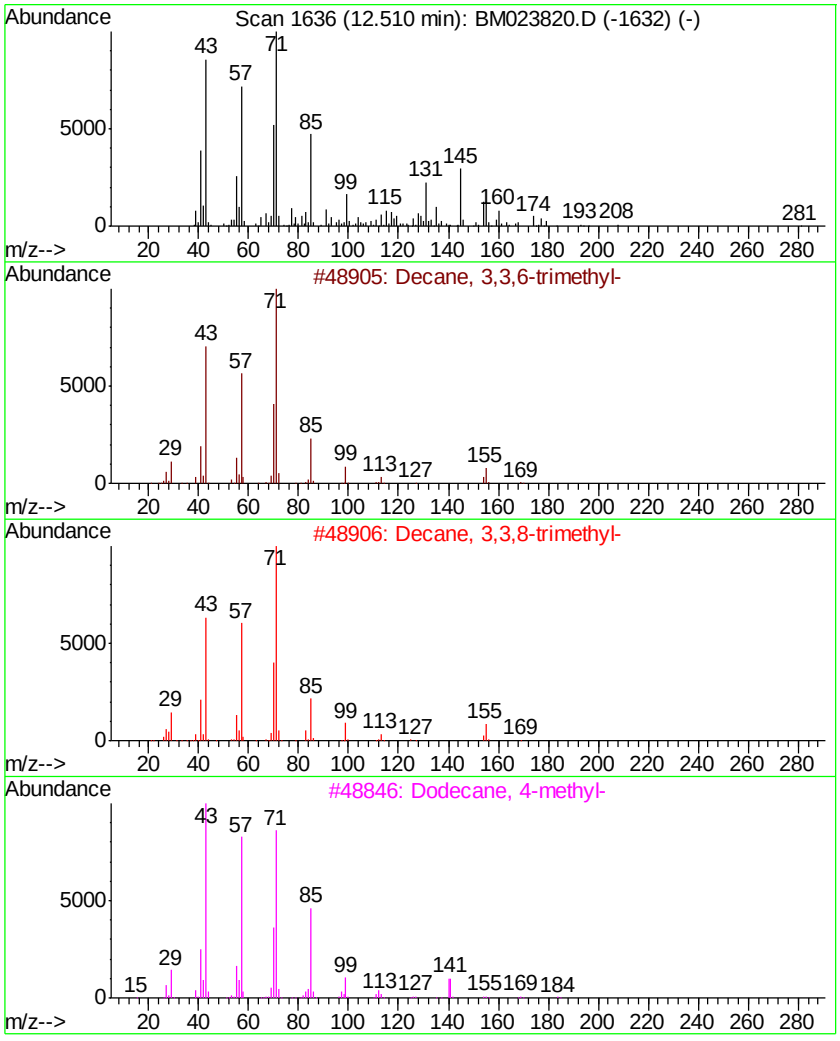
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

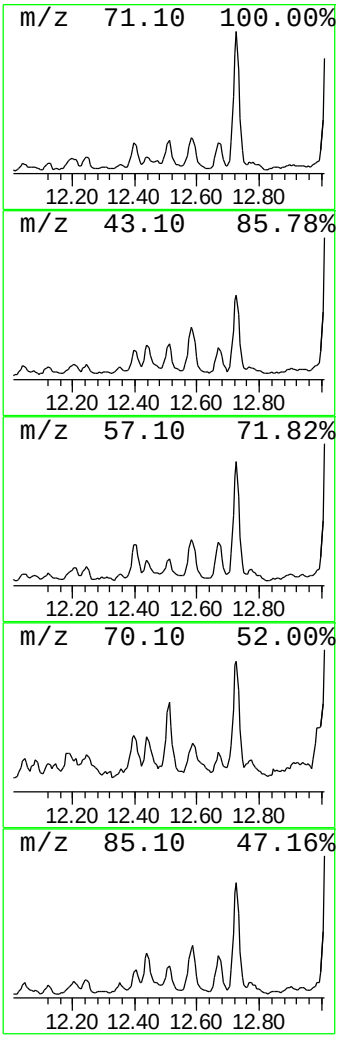
****

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.33 ng/ul	533620	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	52
2	Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	52
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	47
4	Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	46
5	3,3-Dimethylnonadecane	296	C21H44	1000360-43-5	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

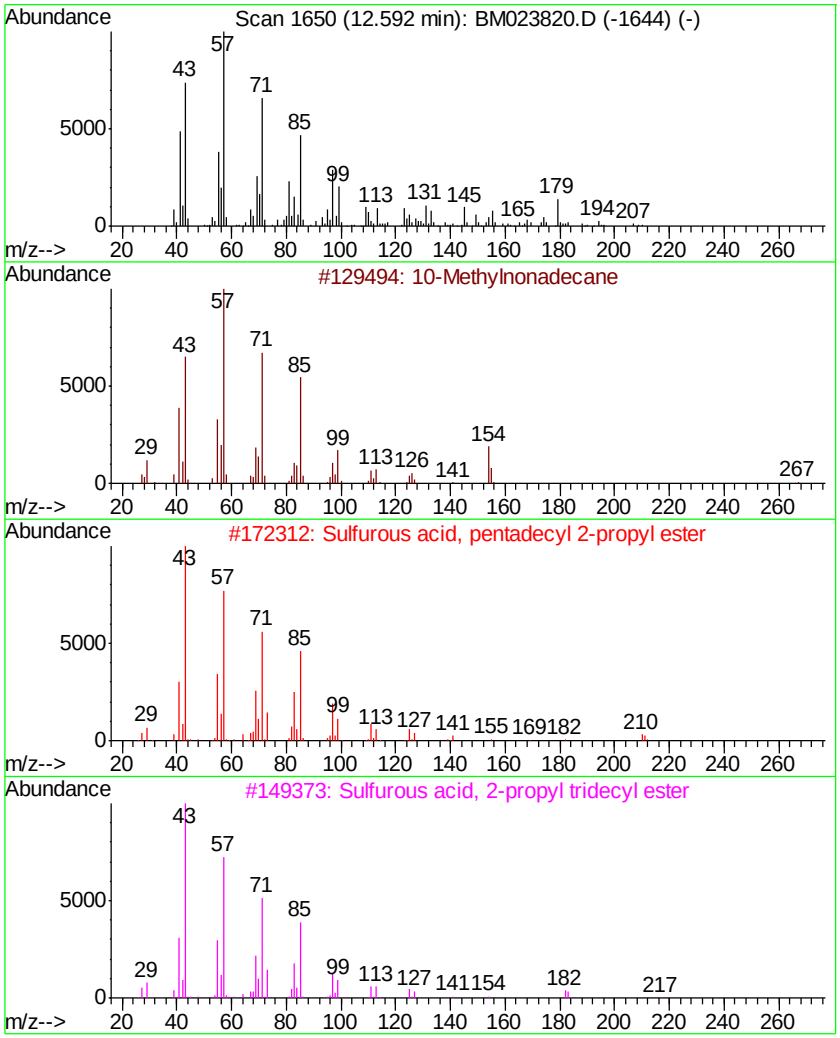
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

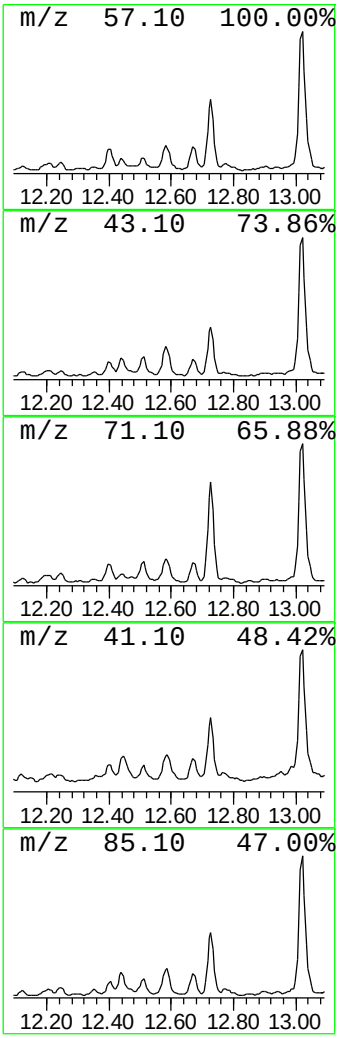
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	4.25 ng/ul	974516	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	74
2	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	72
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	72
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

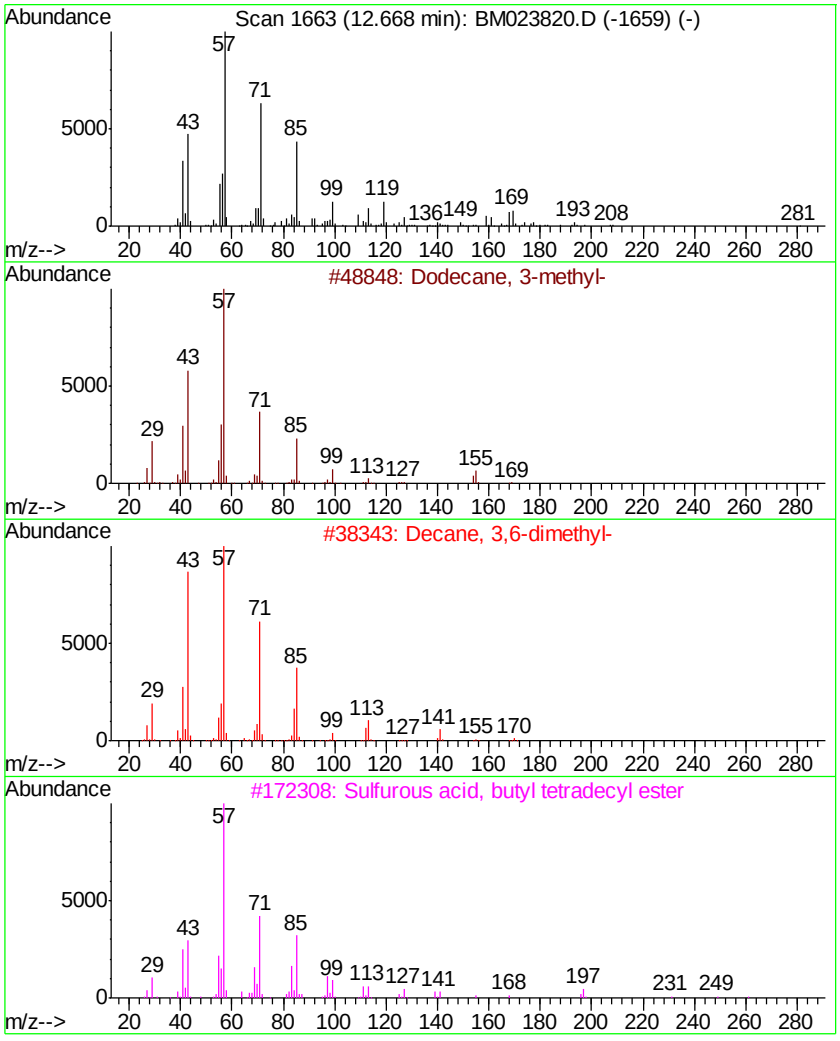
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

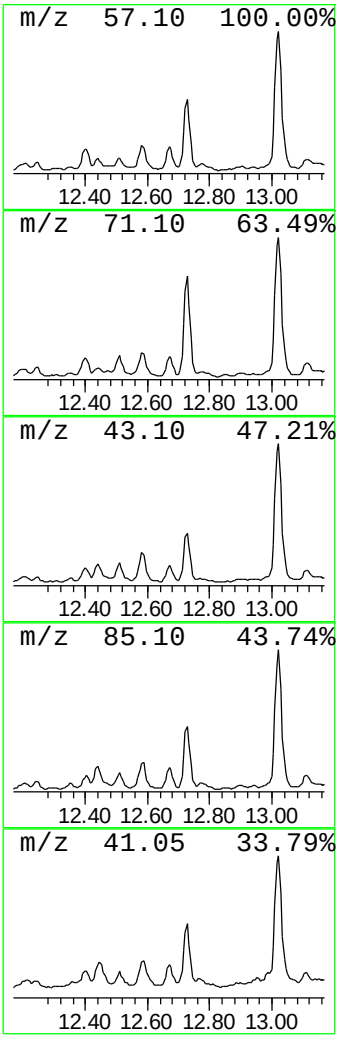
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	2.93 ng/ul	670271	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
3	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	59
4	Heptacosane	380	C27H56	000593-49-7	58
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

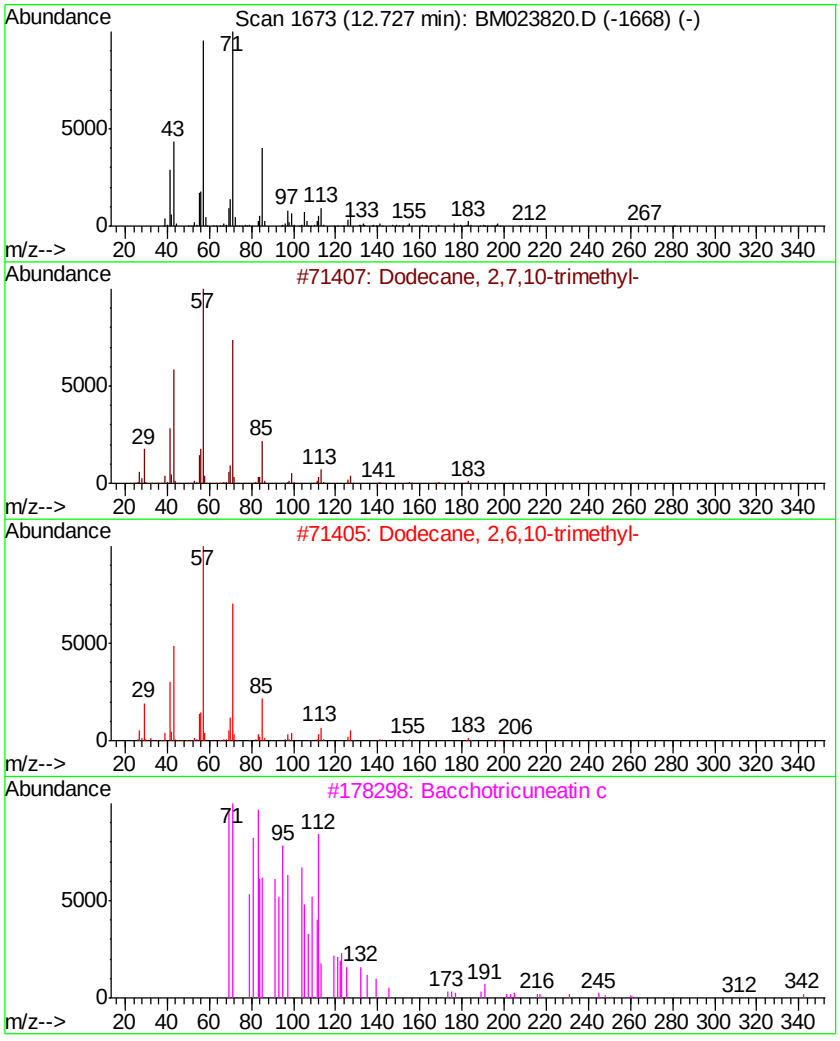
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

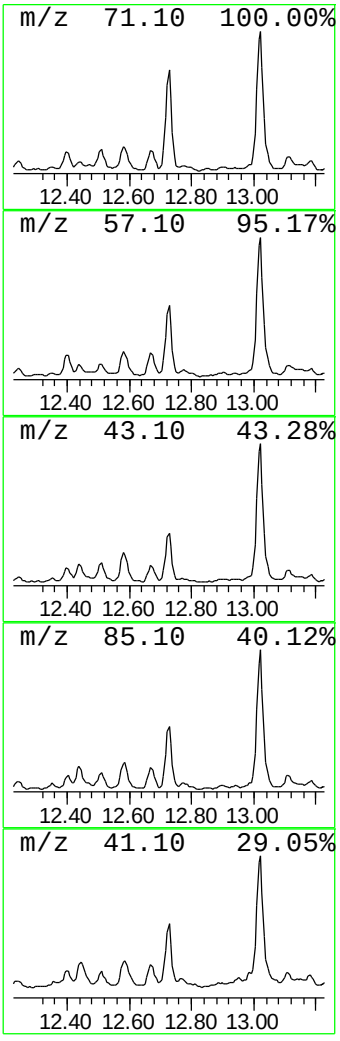
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	6.31 ng/ul	1445740	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5	Heneicosane	296	C21H44	000629-94-7	59





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Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

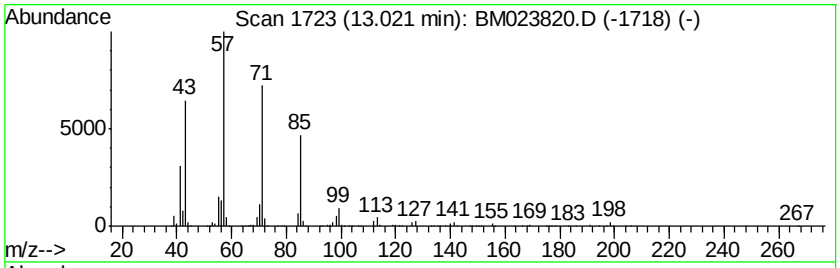
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

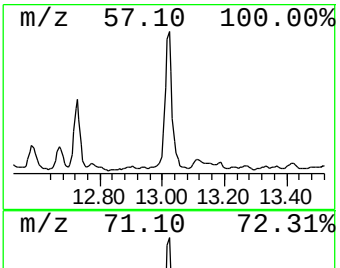
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	13.75 ng/ul	3149700	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-methylheptadecane	254	C18H38	026741-18-4	83
2	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	83
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Hexadecane	226	C16H34	000544-76-3	64





Library Search Compound Report

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Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

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Quant Title : SVOA CALIBRATION

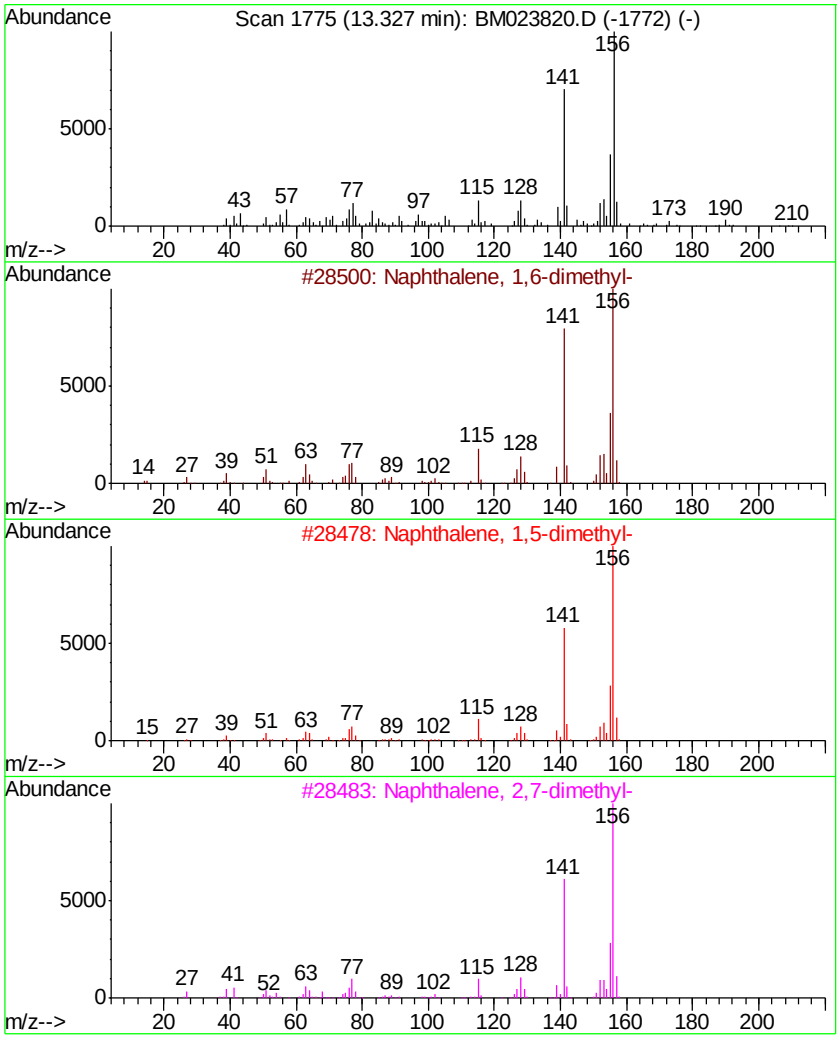
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

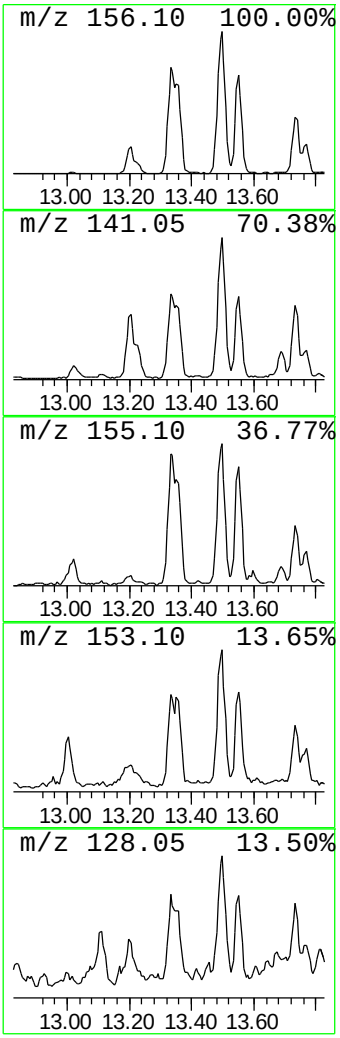
****

Peak Number 40 Naphthalene, 1,6-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	2.97 ng/ul	680880	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Library Search Compound Report

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Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

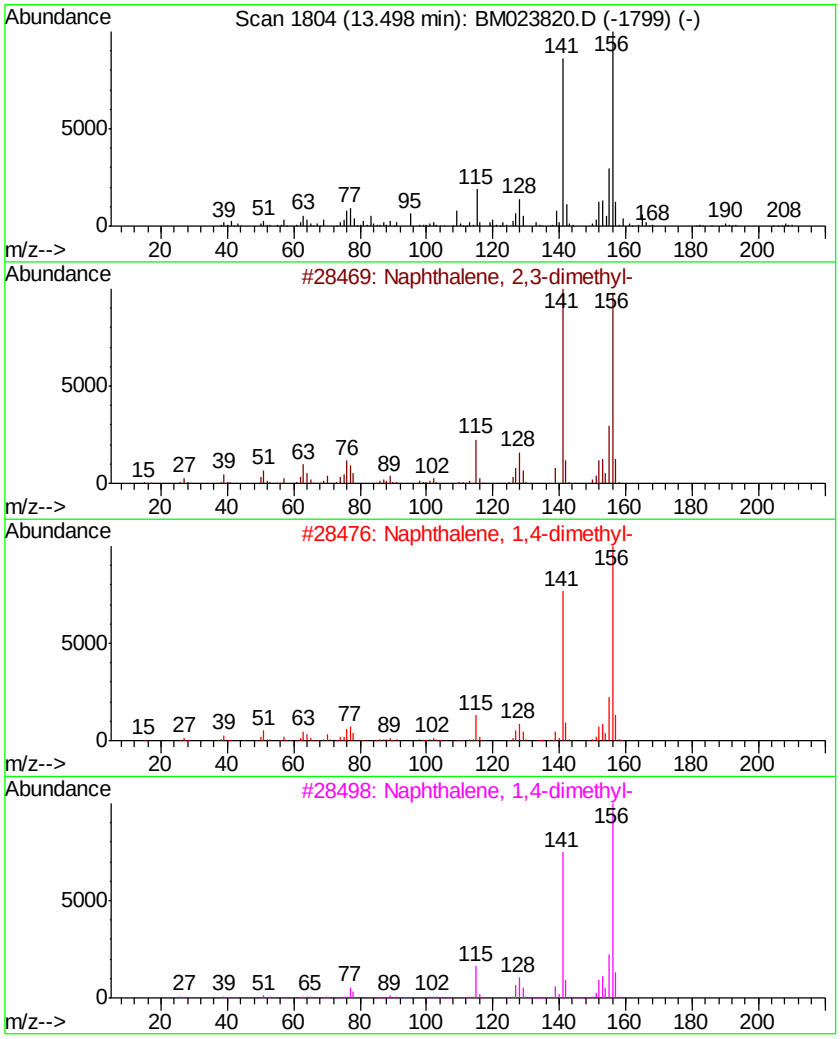
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

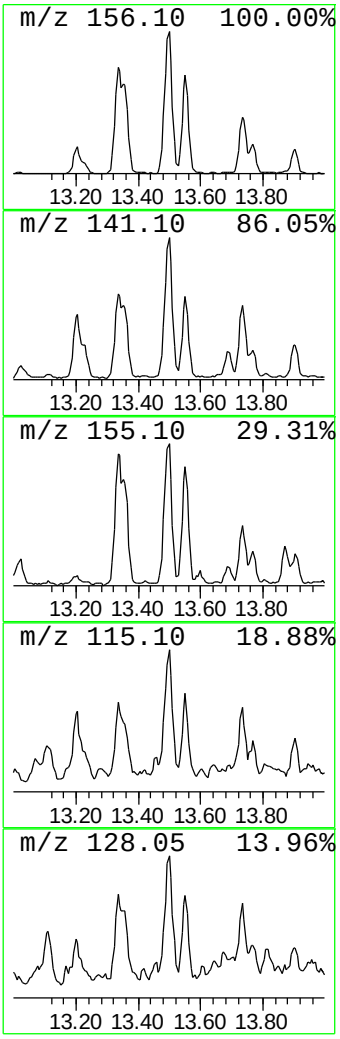
****

Peak Number 41 Naphthalene, 2,3-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	3.39 ng/ul	777276	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

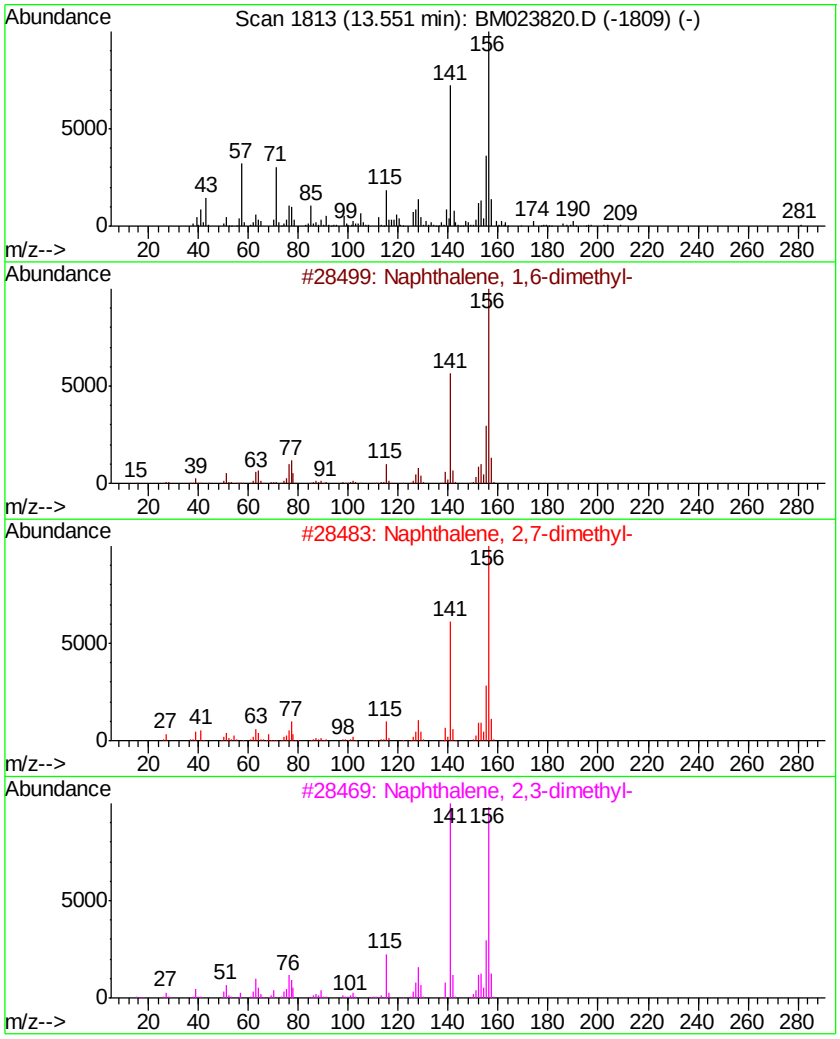
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

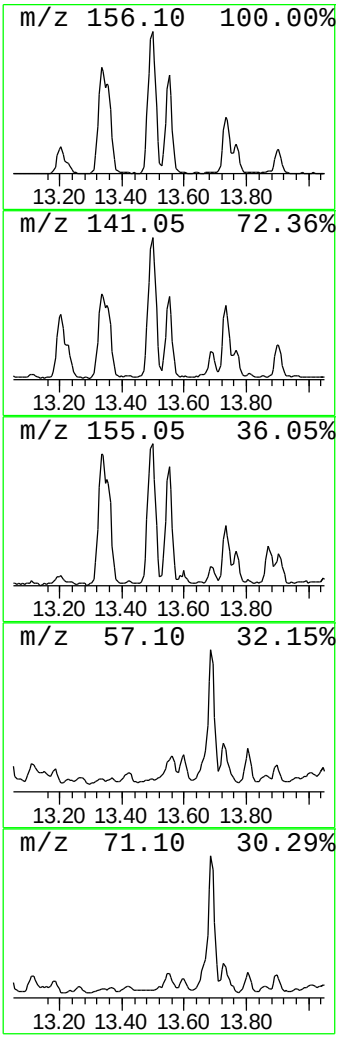
****

Peak Number 42 Naphthalene, 2,7-dimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	3.05 ng/ul	698330	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

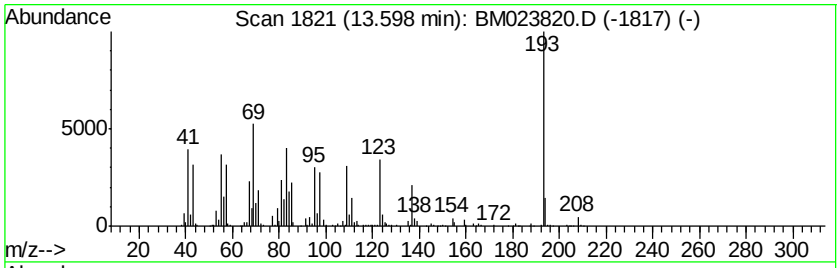
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

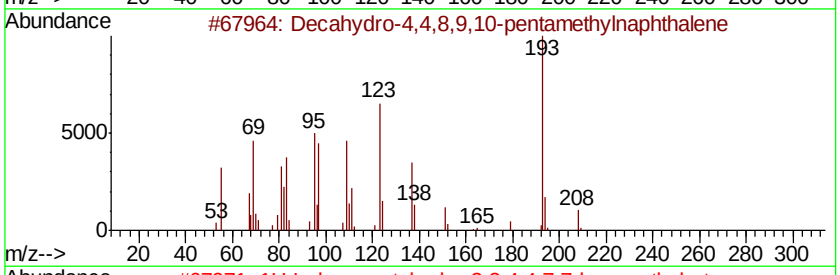
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

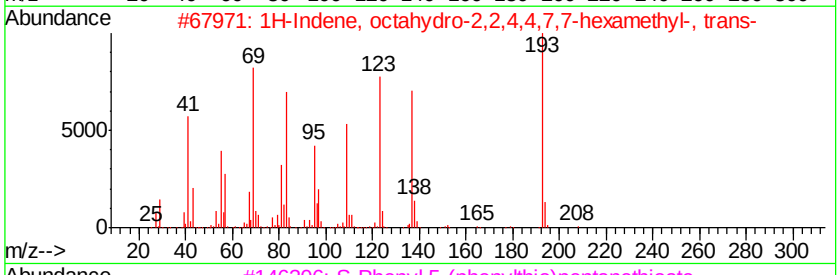
****
Peak Number 43 Decahydro-4,4,8,9,10-pentam... Concentration Rank 29

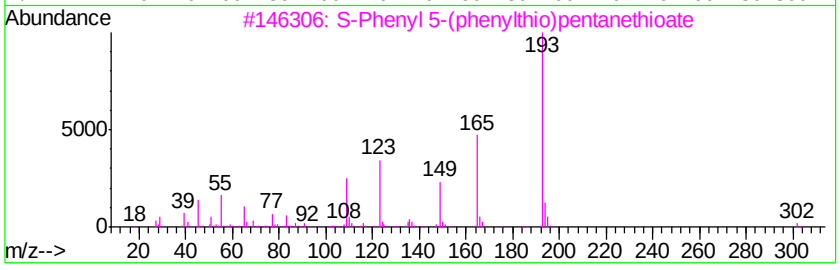
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	4.30 ng/ul	984736	Acenaphthene-d10	14.18

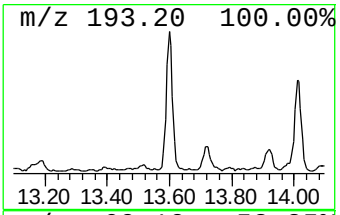
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	52
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	45
3	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	32
4	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	32
5	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	27

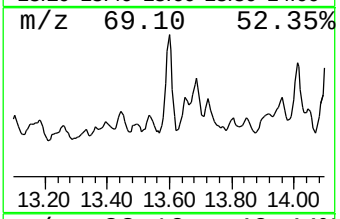


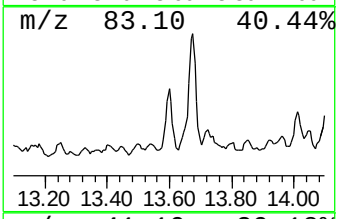


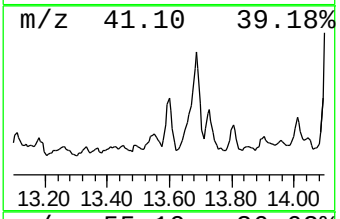


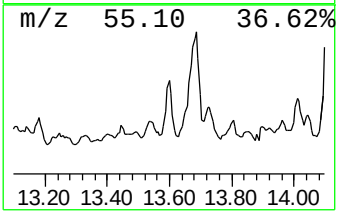












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Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

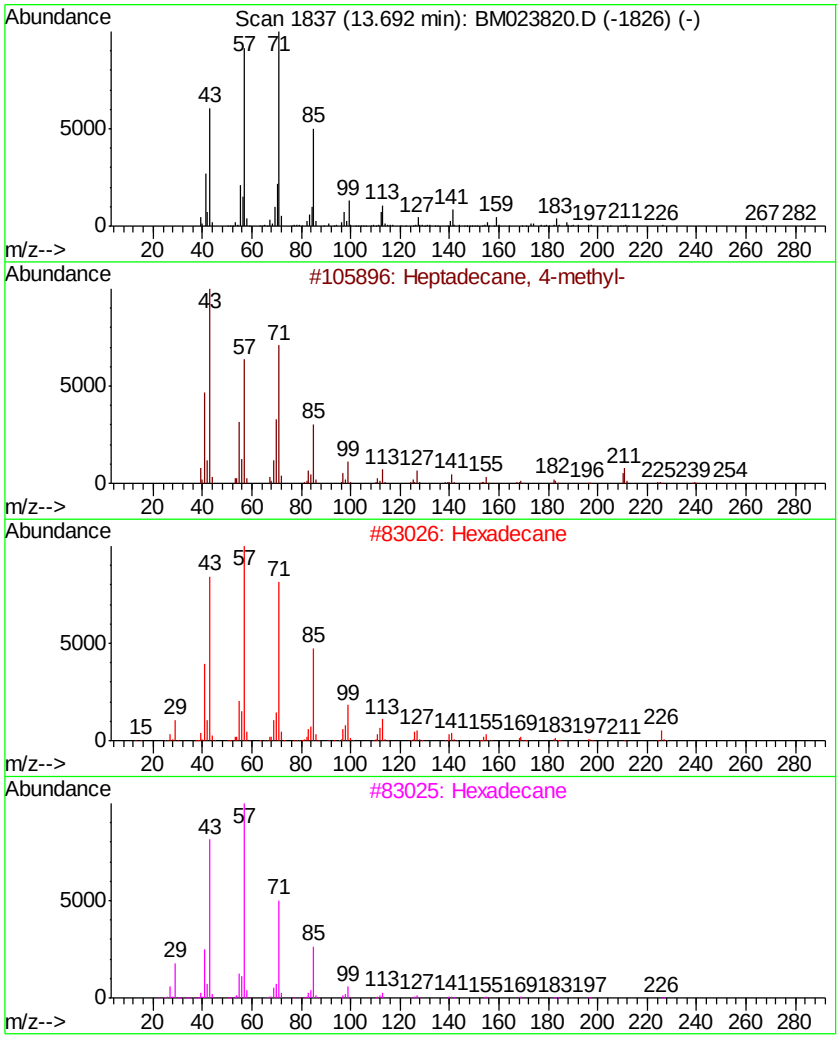
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

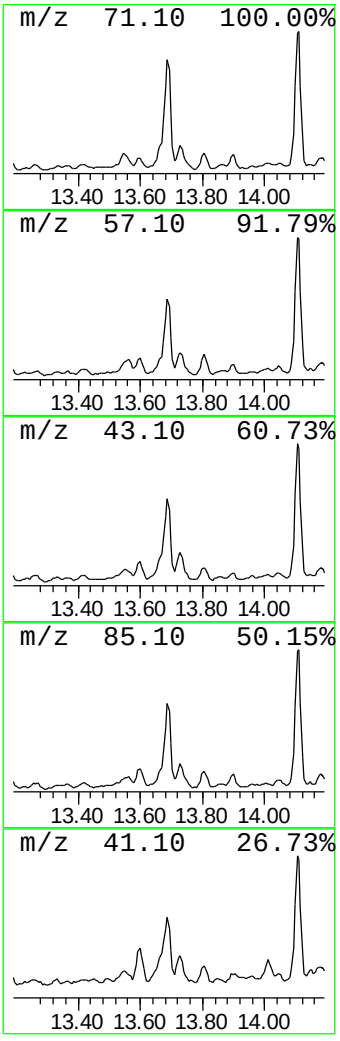
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	11.36 ng/ul	2602240	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Hexadecane	226	C16H34	000544-76-3	64
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	62
5	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	59





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Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

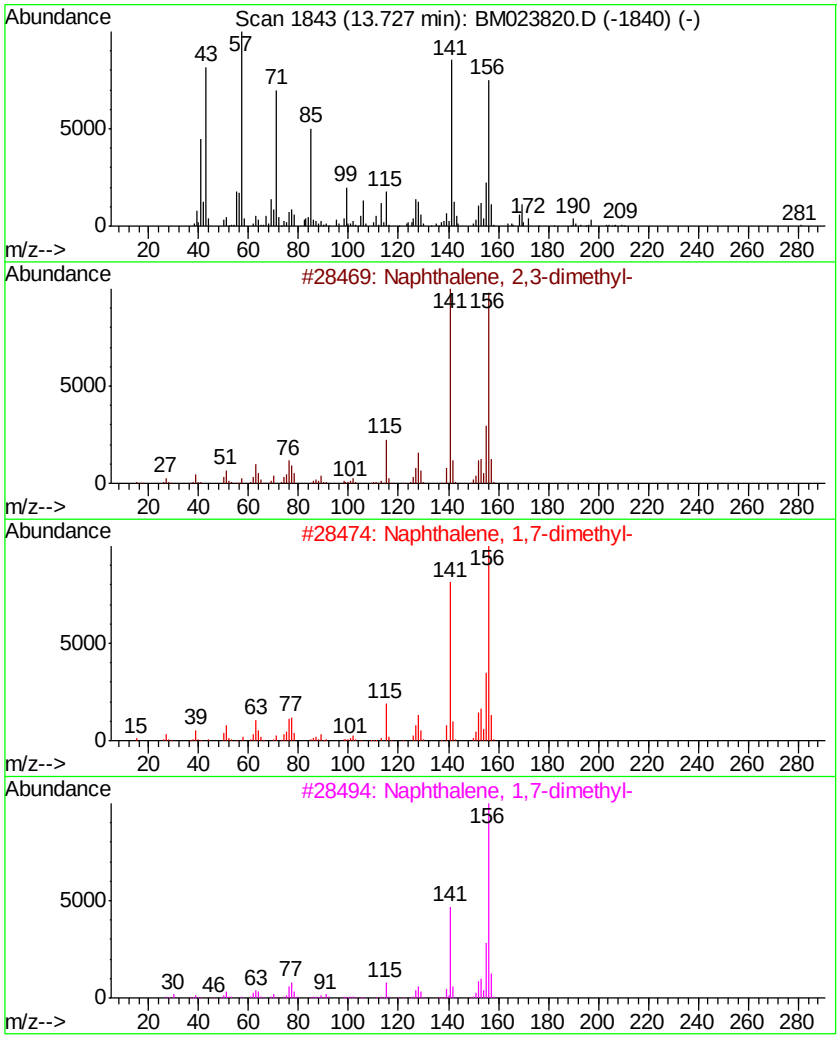
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

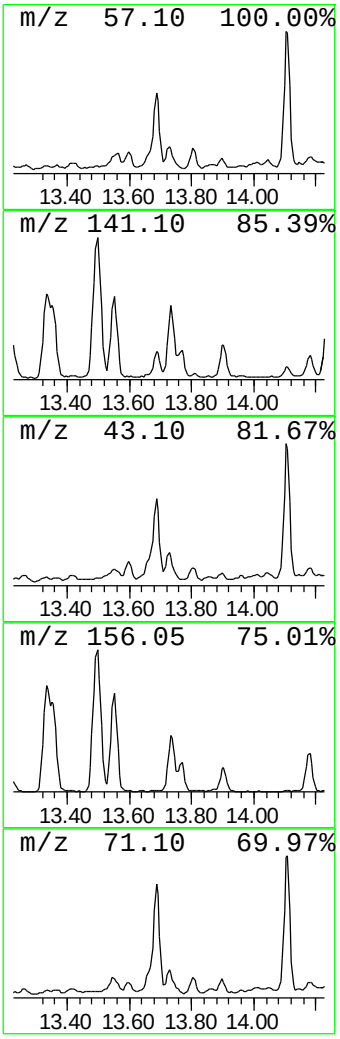
****

Peak Number 45 Naphthalene, 2,6-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.35 ng/ul	767518	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	92





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Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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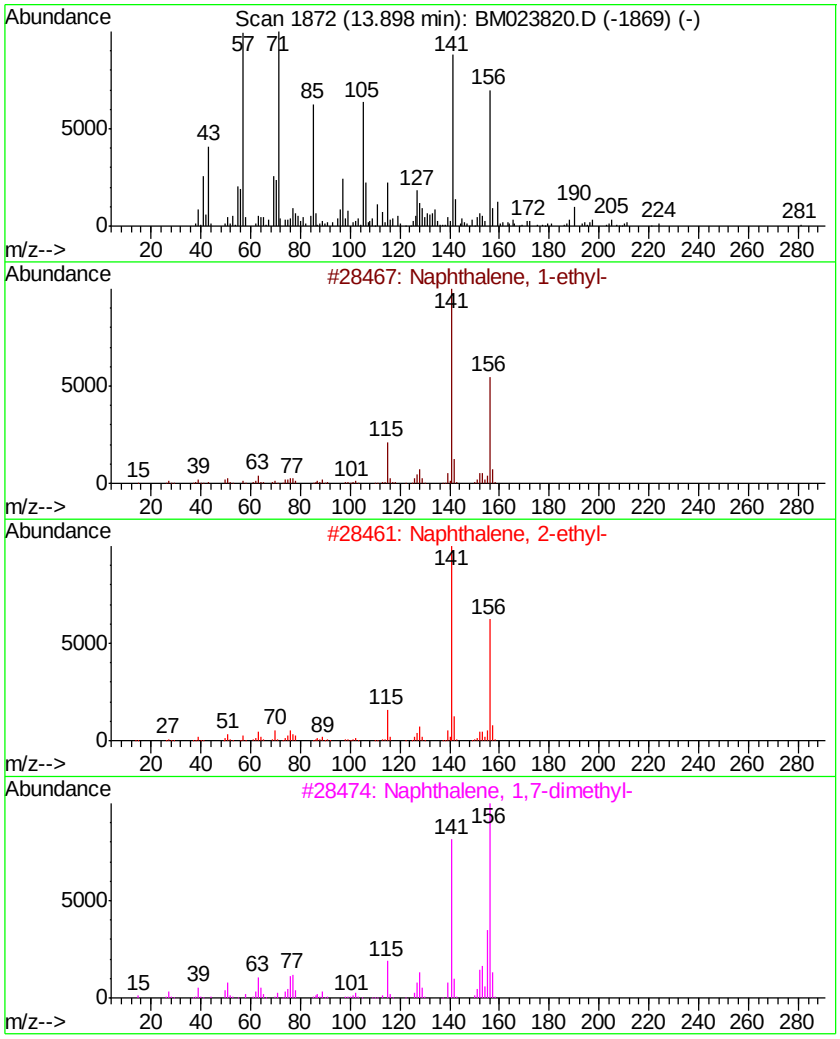
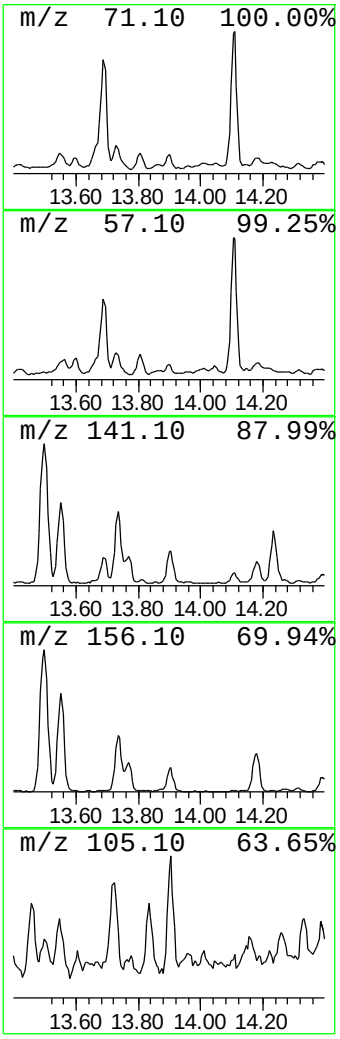
Peak Number 46 Naphthalene, 1-ethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.52 ng/ul	576433	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	56
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	42
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	42
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	38
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
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Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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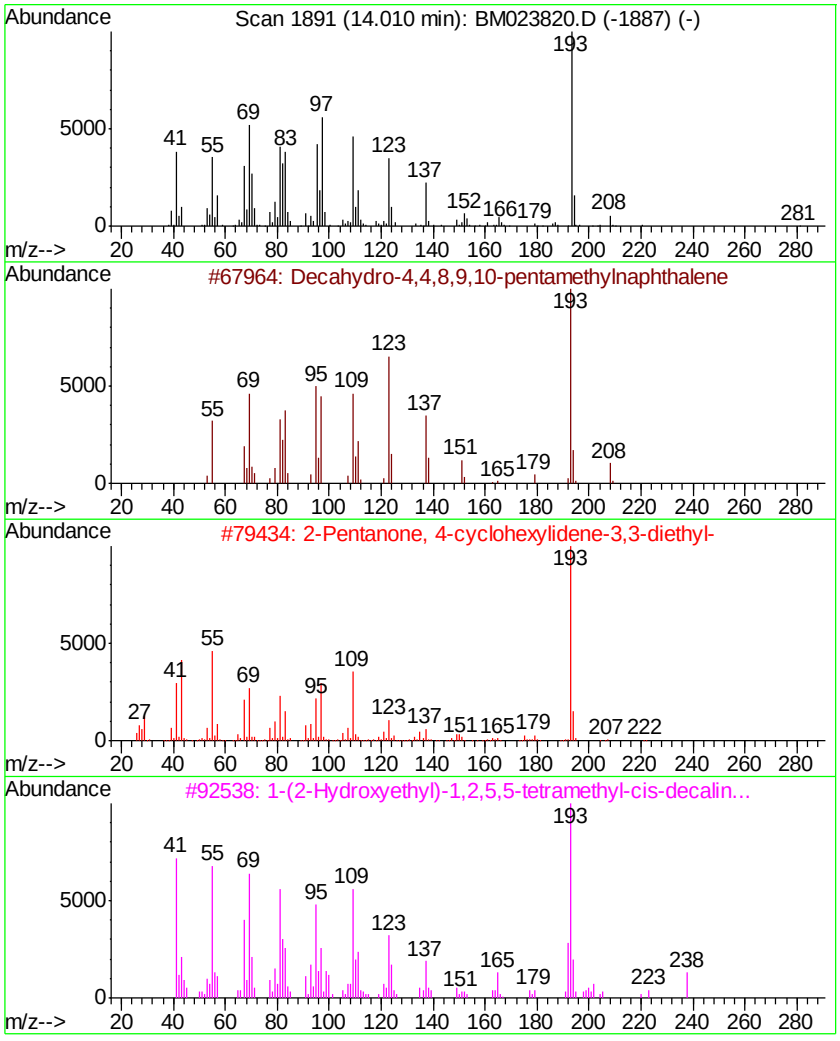
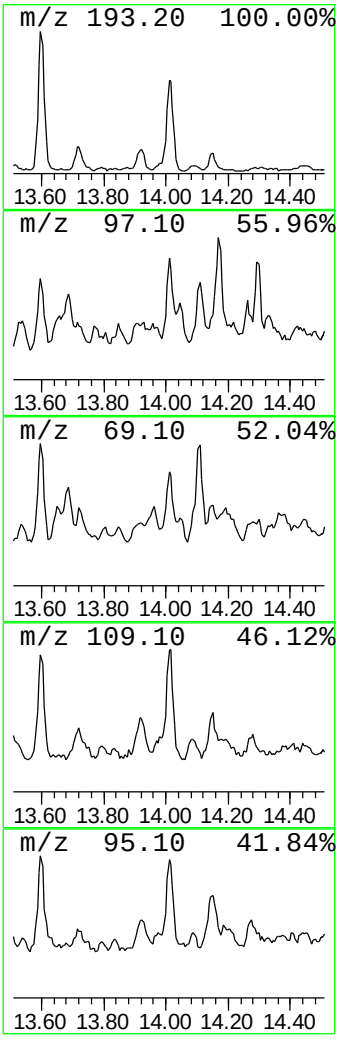
Peak Number 47 unknown-03 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.65 ng/ul	606686	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	47
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
3	1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1000298-97-4	32
4	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	25
5	11,13-Dimethyl-12-tetradecen-1-o...	282	C18H34O2	1000130-81-0	25





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Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

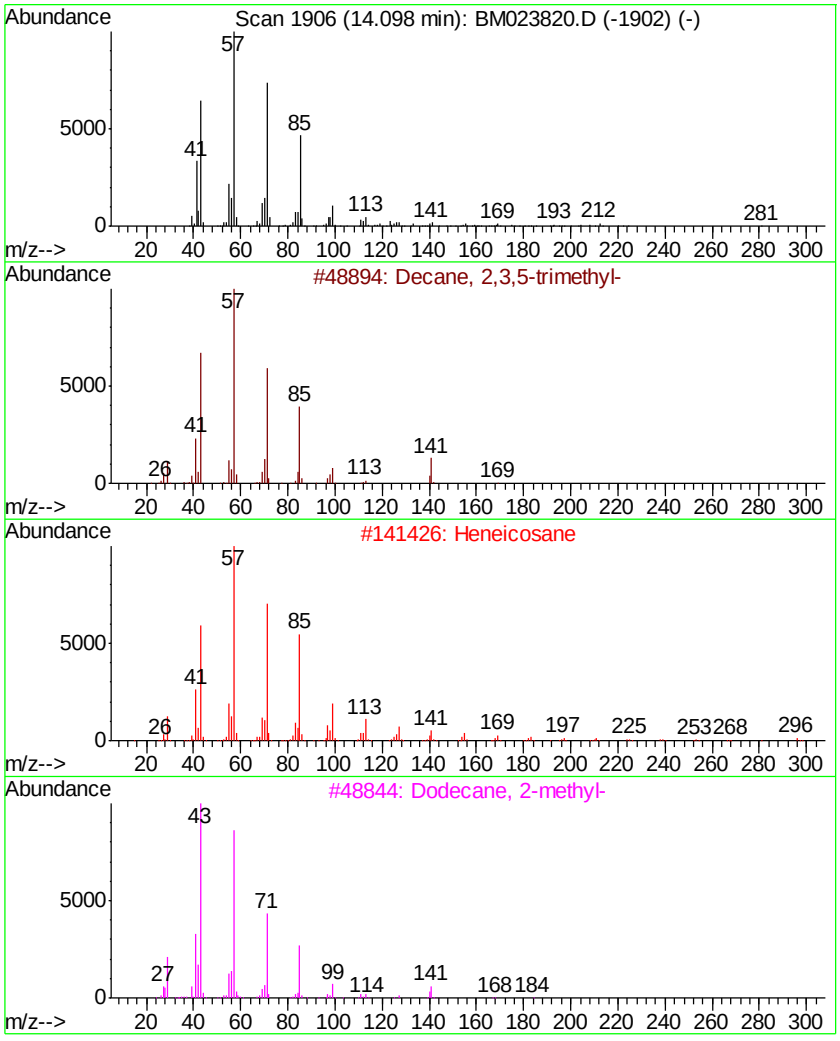
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

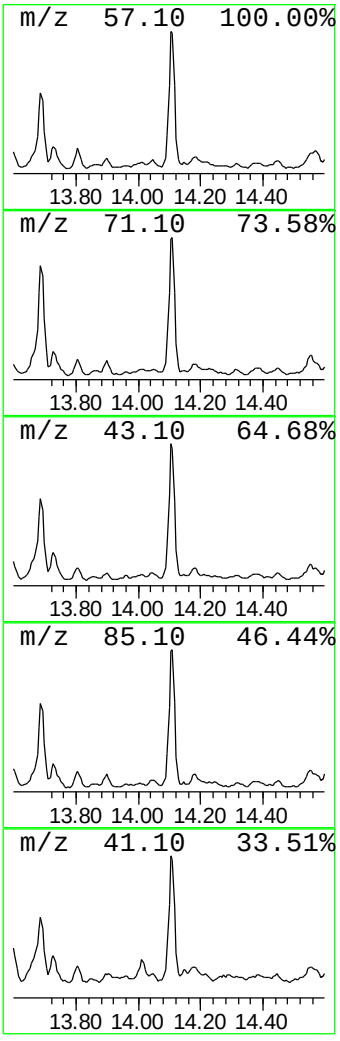
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	11.92 ng/ul	2730790	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	83
5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

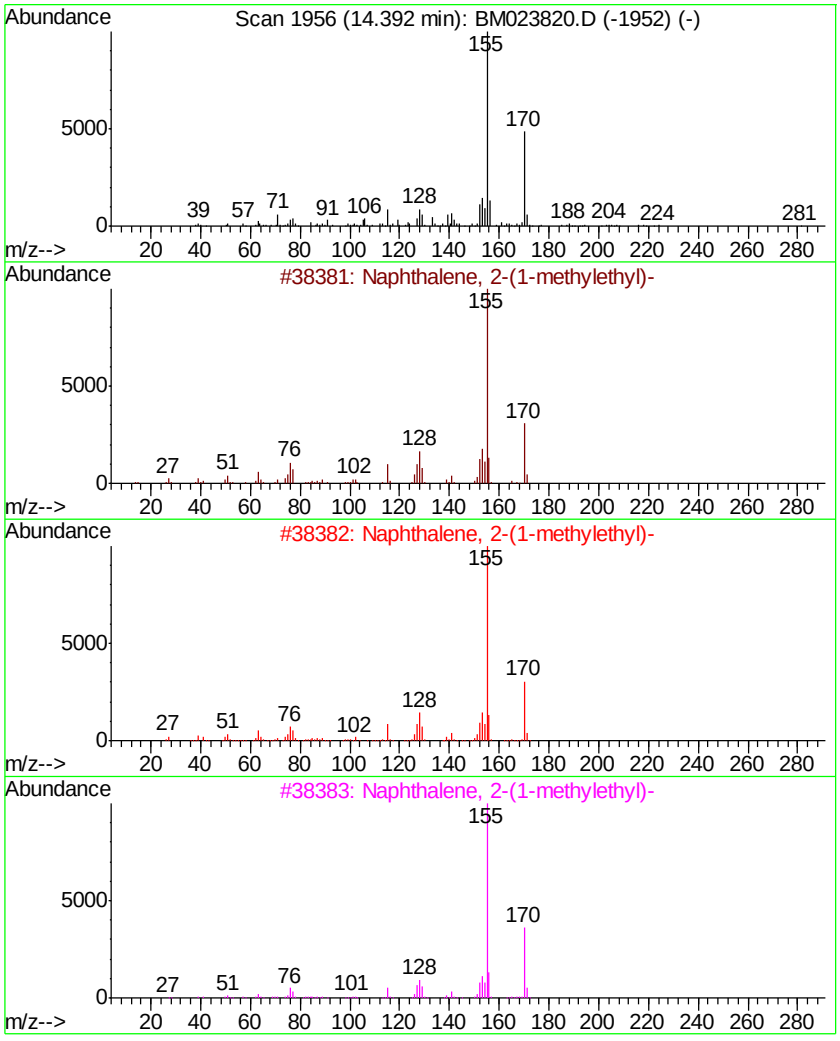
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

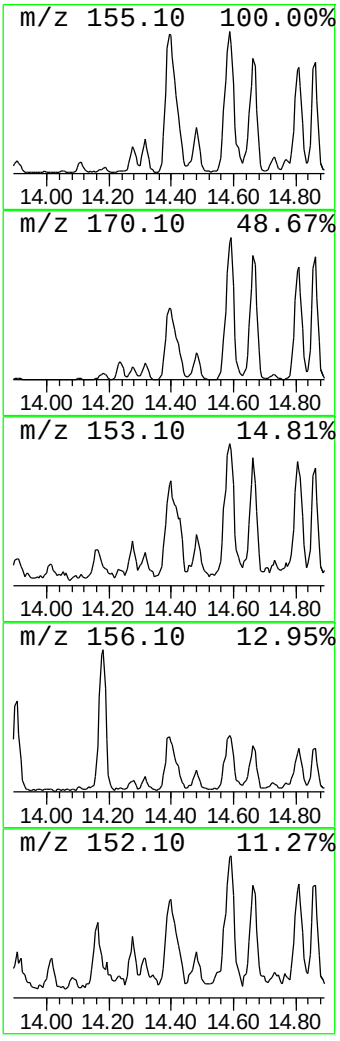
****

Peak Number 49 Naphthalene, 2-(1-methyleth... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	2.55 ng/ul	582999	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	78
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64





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Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

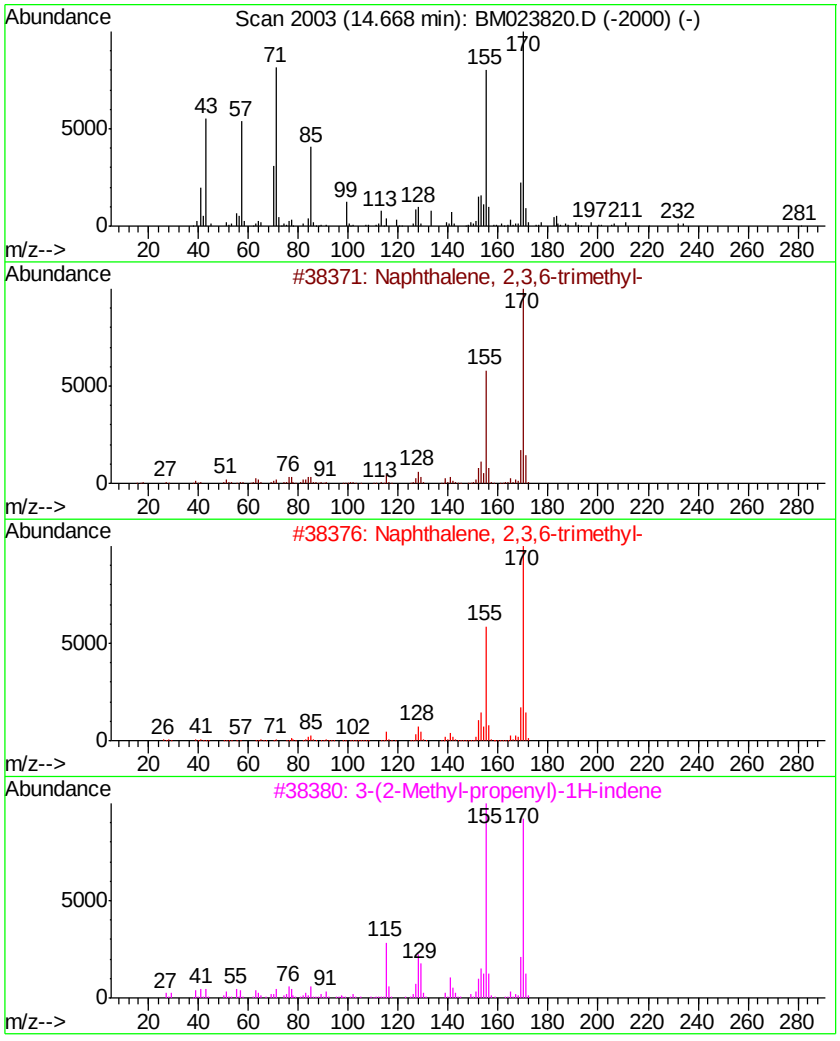
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

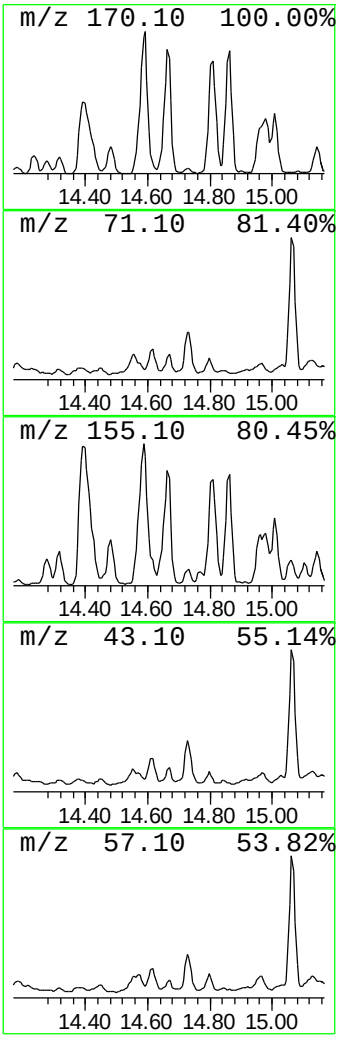
****

Peak Number 50 Naphthalene, 2,3,6-trimethyl- Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.09 ng/ul	479664	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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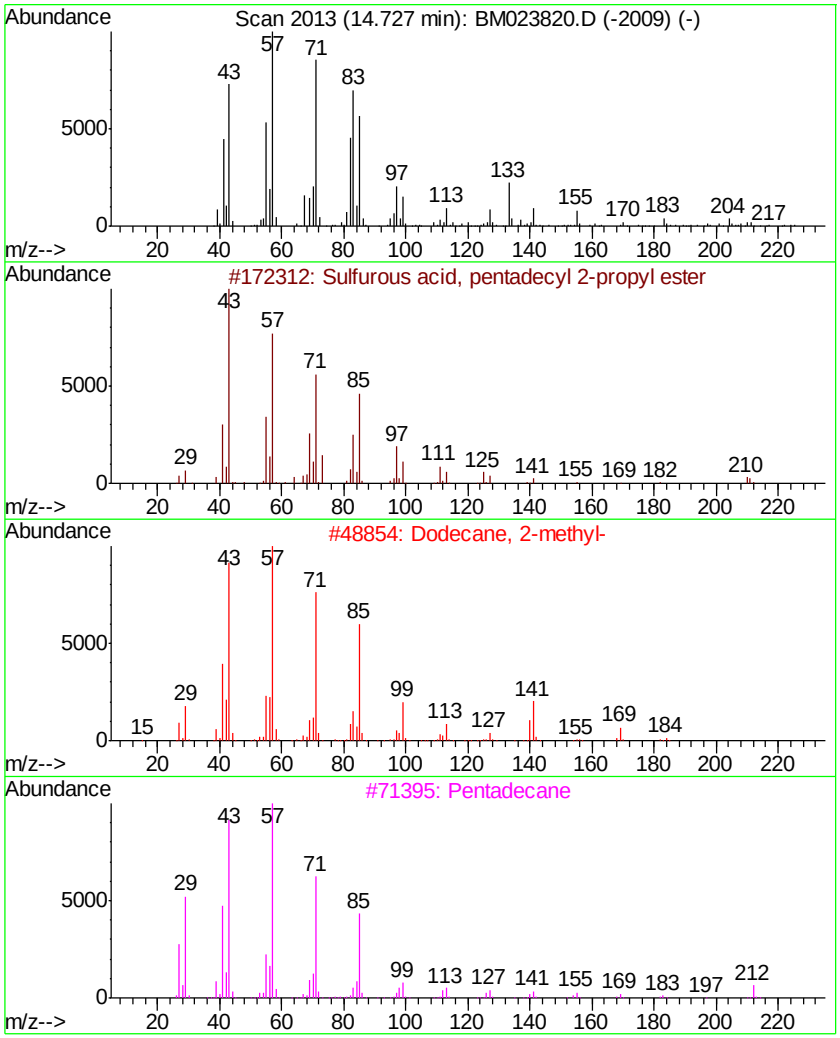
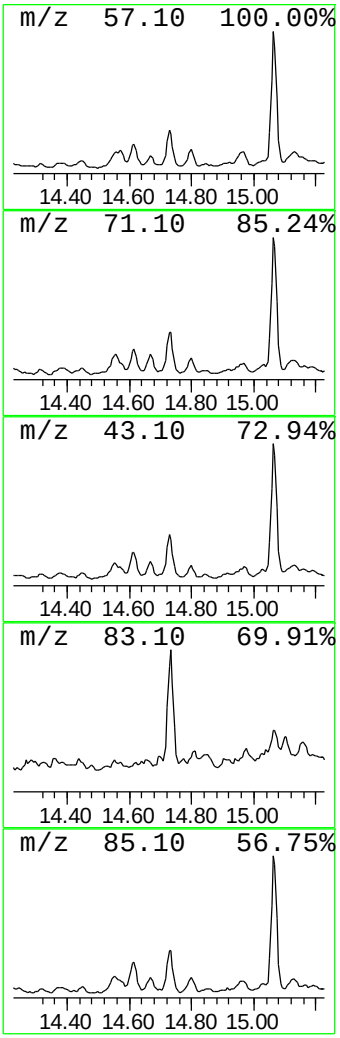
Peak Number 51 unknown-04 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	6.04 ng/ul	1383990	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	46
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	46
3	Pentadecane	212	C15H32	000629-62-9	46
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	46
5	Hexadecane	226	C16H34	000544-76-3	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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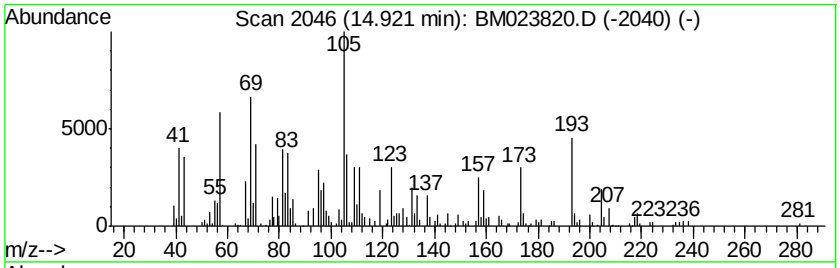
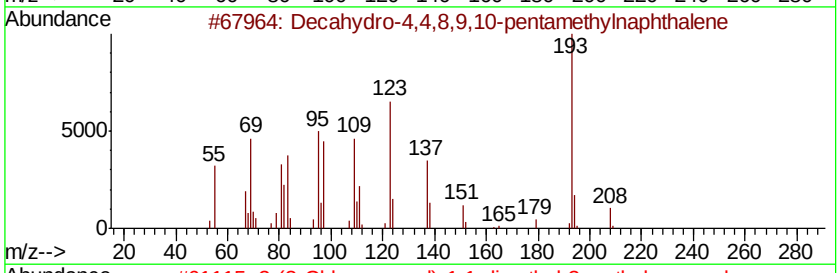
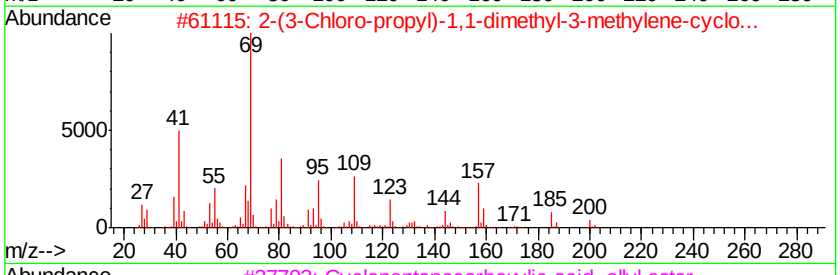
Peak Number 53 unknown-05 Concentration Rank 70

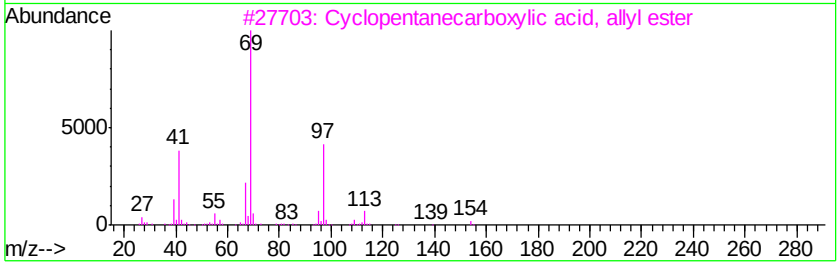
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.08 ng/ul	475440	Acenaphthene-d10	14.18

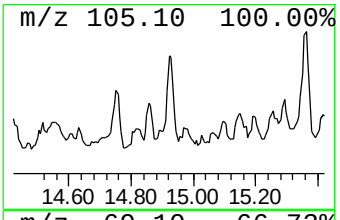
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	49
2	2-(3-Chloro-propyl)-1,1-dimethyl...	200	C12H21Cl	1000191-45-6	35
3	Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	18
4	11-Dodecen-2-one, 7,7-dimethyl-	210	C14H26O	035194-22-0	14
5	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	14

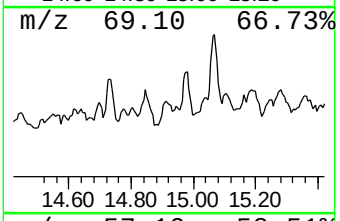


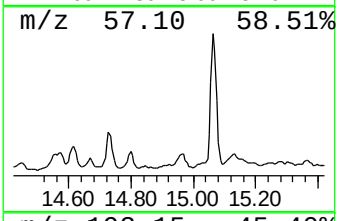


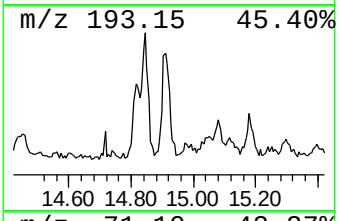


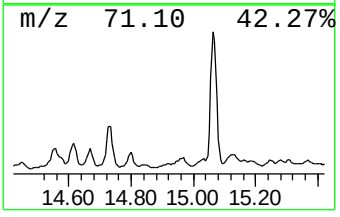












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

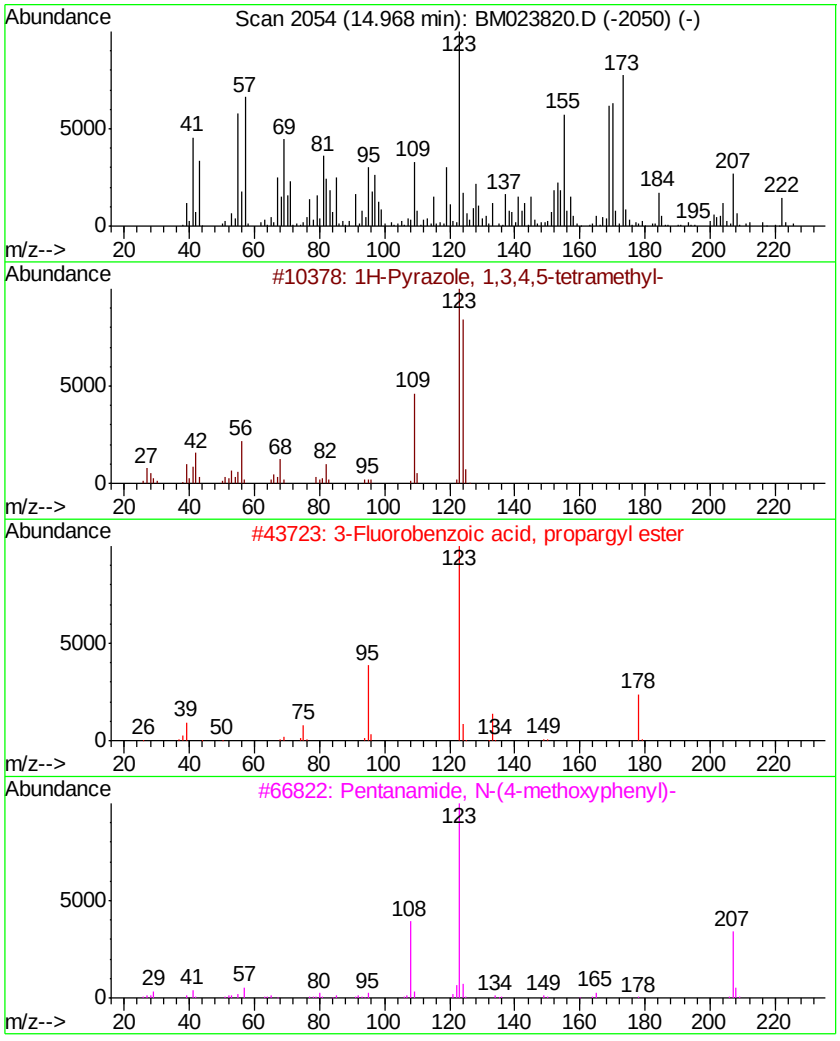
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

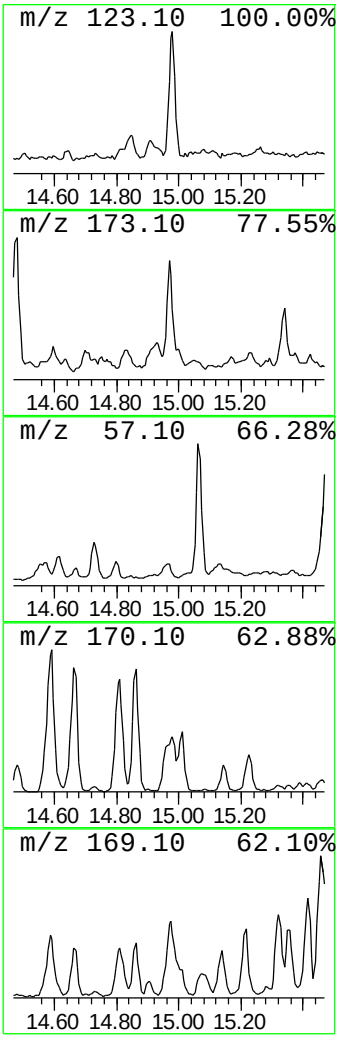
****

Peak Number 54 unknown-06 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	4.24 ng/ul	971170	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 1,3,4,5-tetramethyl-	124	C7H12N2	001073-20-7	22
2	3-Fluorobenzoic acid, propargyl ...	178	C10H7FO2	1000325-53-9	18
3	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	18
4	4,4-Dimethoxy-2,5-cyclohexadien-...	154	C8H10O3	000935-50-2	18
5	.alpha.-Chloro-p-fluoroacetophenone	172	C8H6ClFO	000456-04-2	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

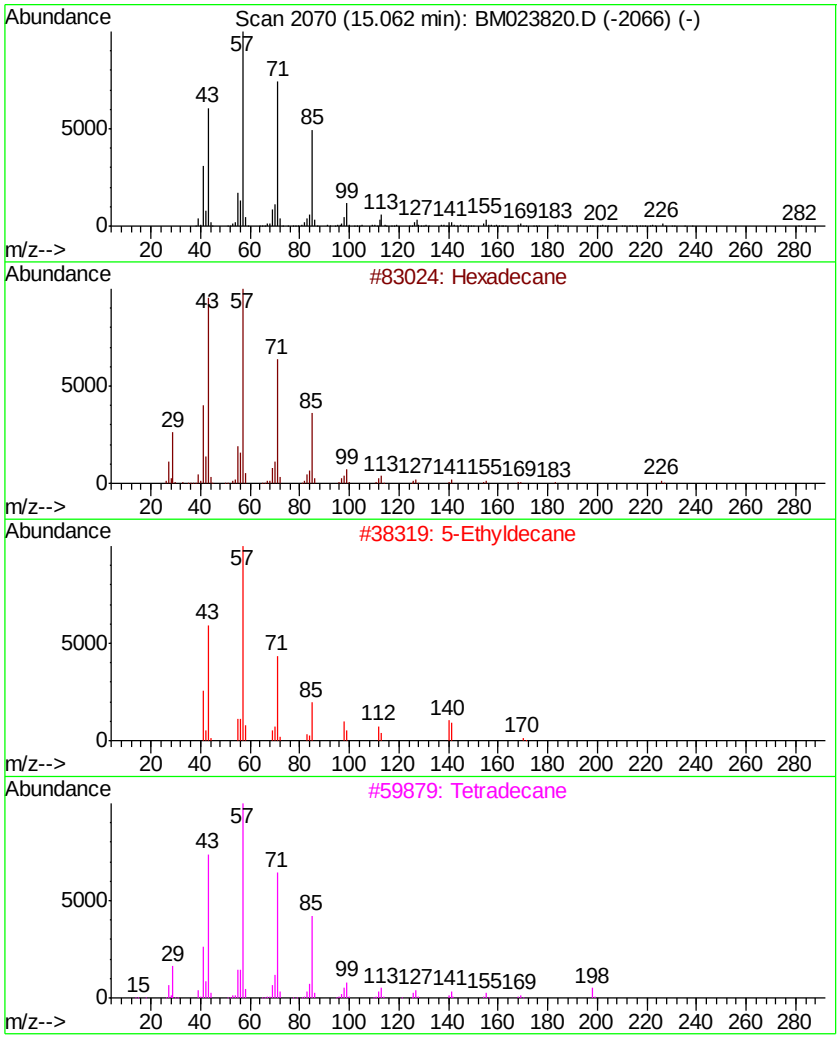
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

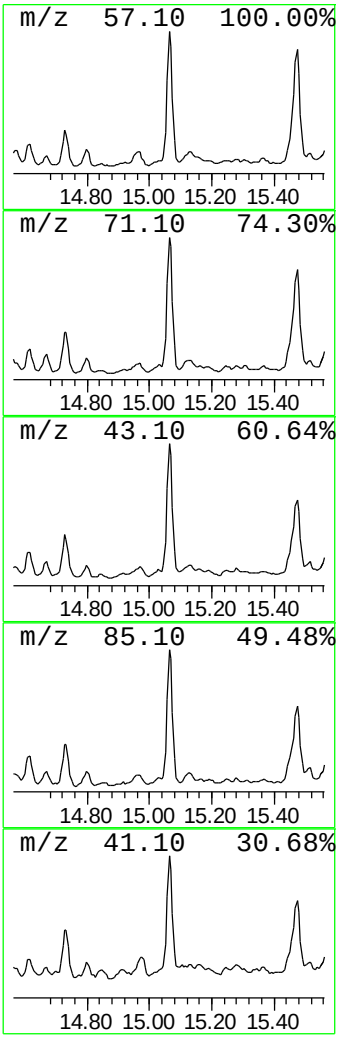
****

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	9.74 ng/ul	2230800	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	5-Ethyldecane	170	C12H26	017302-36-2	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	87
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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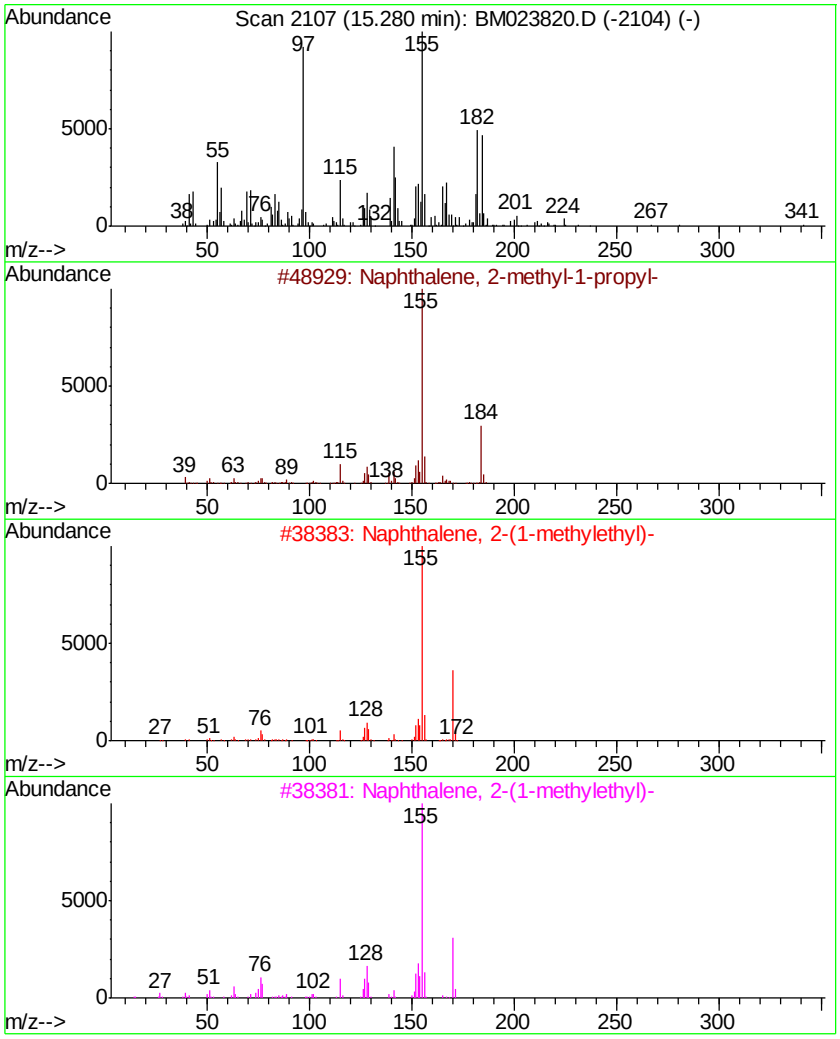
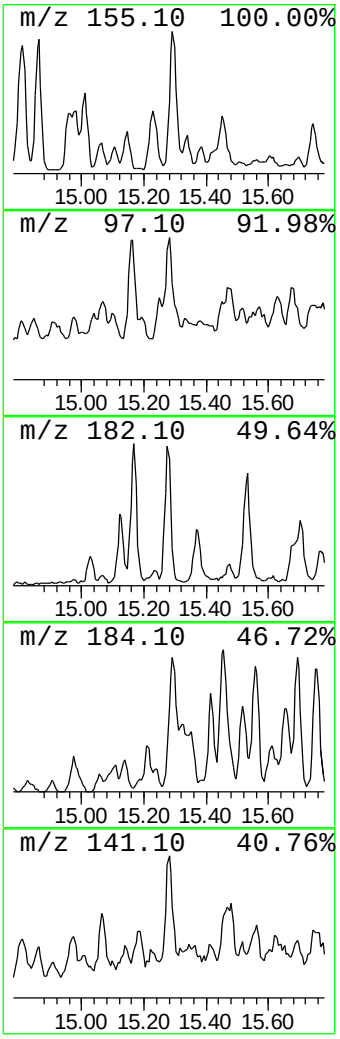
Peak Number 56 unknown-07 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	2.55 ng/ul	585092	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	15
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	14
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	14
4	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	11
5	Oxazole, 2,4-dimethyl-	97	C5H7NO	007208-05-1	11





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

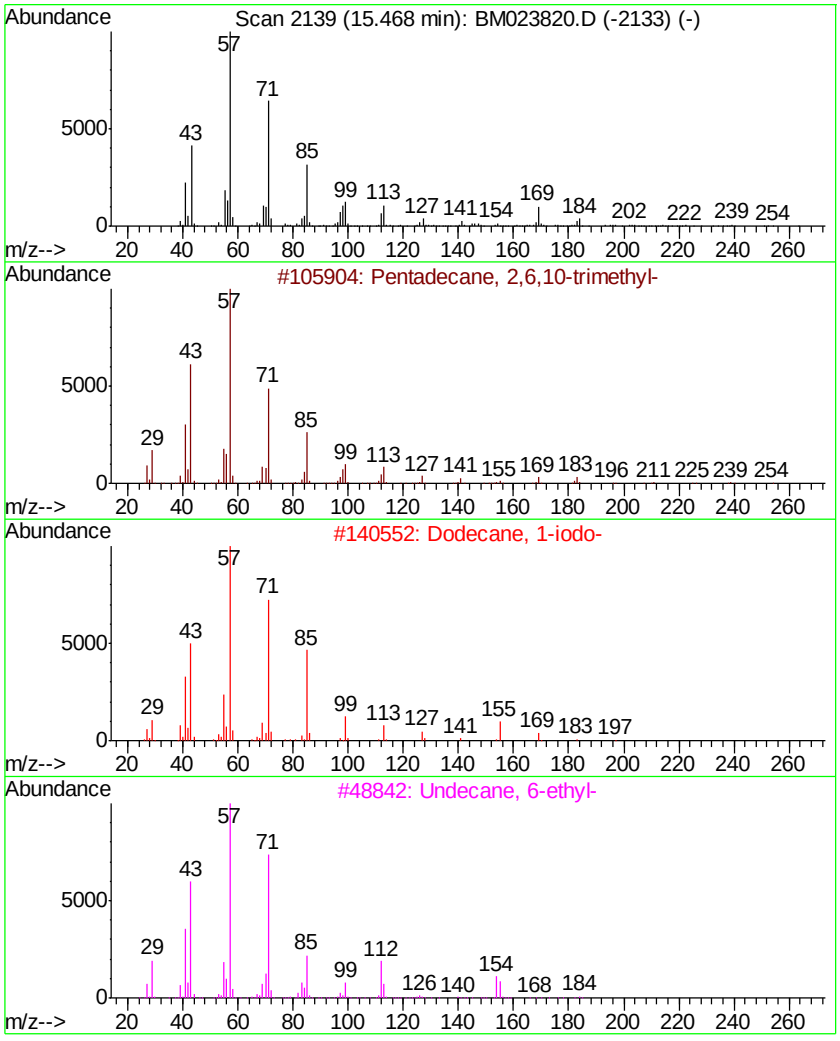
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

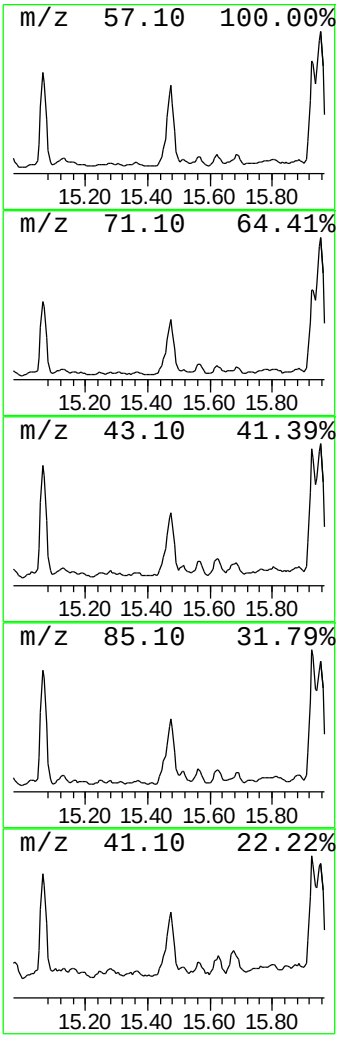
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	12.00 ng/ul	2749110	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	81
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	74
4	Hexadecane	226	C16H34	000544-76-3	72
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68





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Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

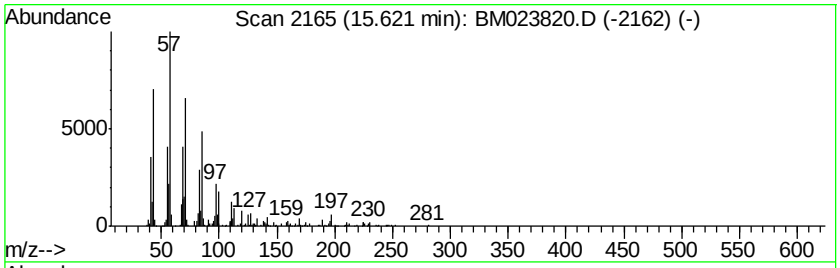
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

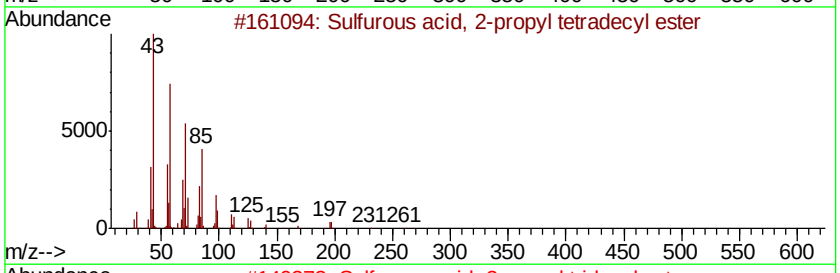
****

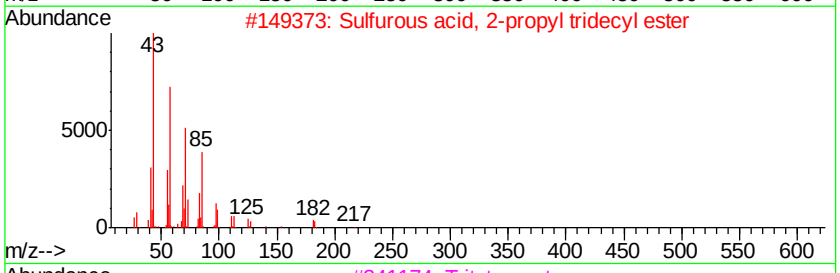
Peak Number 58 Sulfurous acid, 2-propyl te... Concentration Rank 49

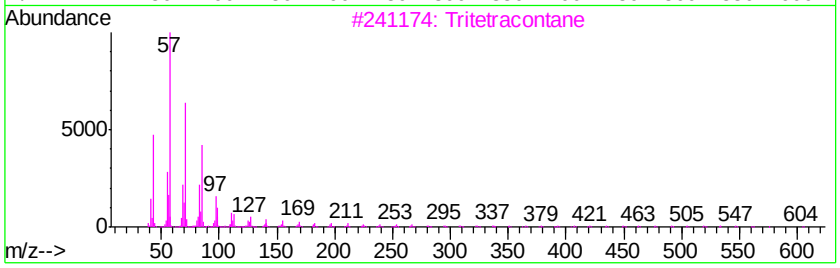
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	2.74 ng/ul	503945	Phenanthrene-d10	16.93

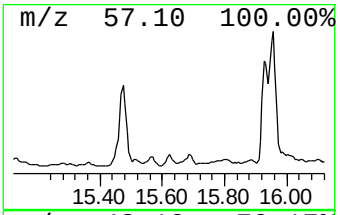
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	91
2	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
3	Tritetracontane	605	C43H88	007098-21-7	91
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	87

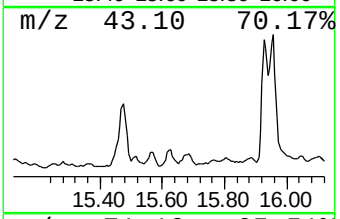


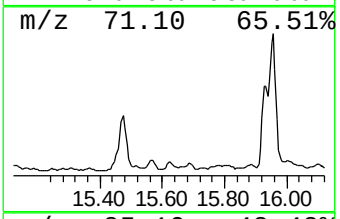


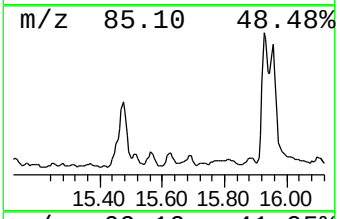


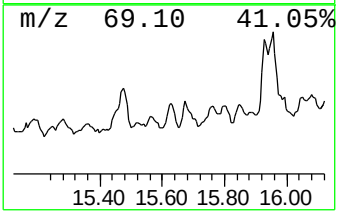












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

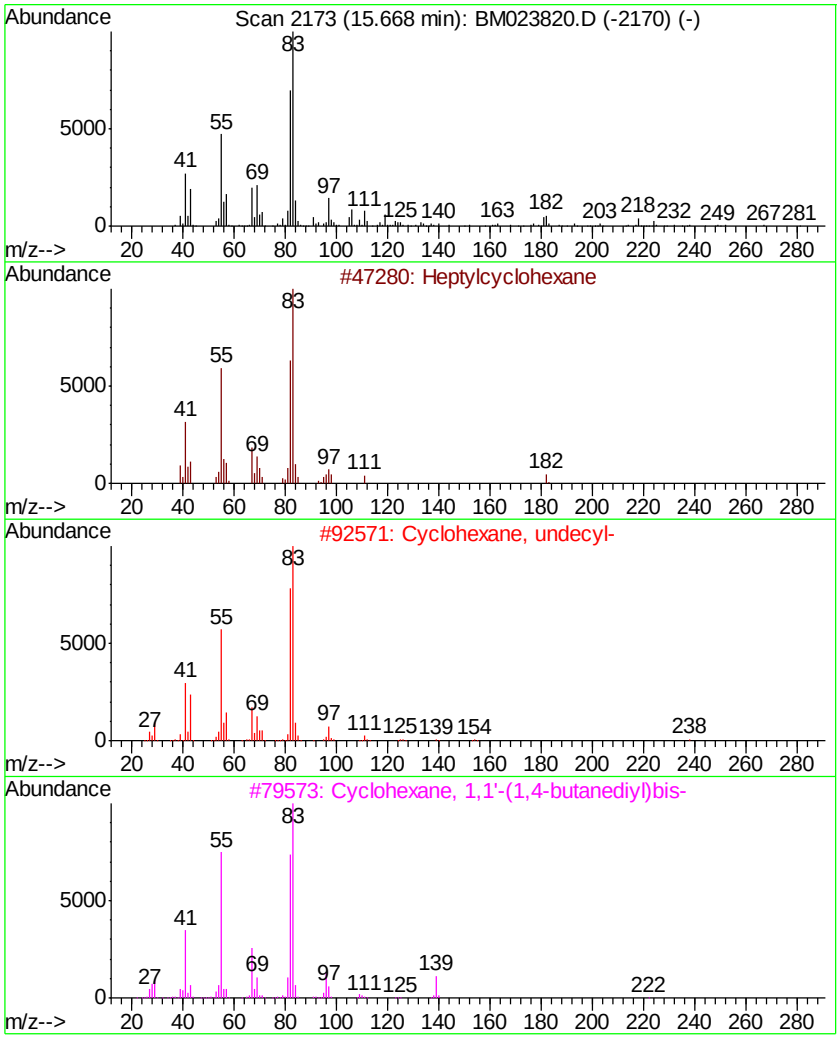
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

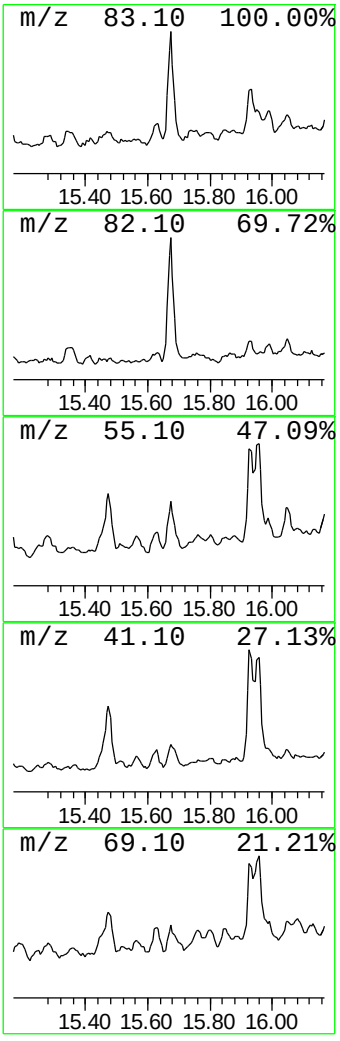
****

Peak Number 59 (DEL) Alkane: Cyclic15.67 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	6.16 ng/ul	1134990	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	94
2	Cyclohexane, undecyl-	238	C17H34	054105-66-7	76
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	74
4	Heptylcyclohexane	182	C13H26	005617-41-4	74
5	Cyclohexane, decyl-	224	C16H32	001795-16-0	74





Library Search Compound Report

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Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

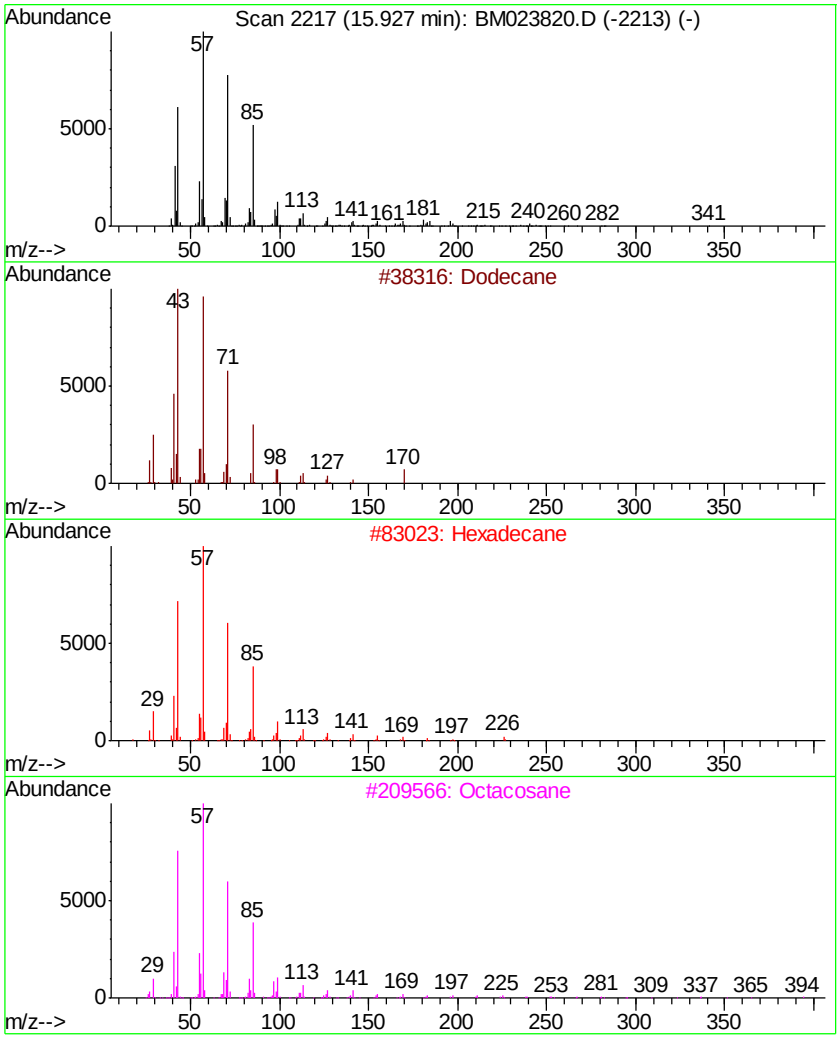
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

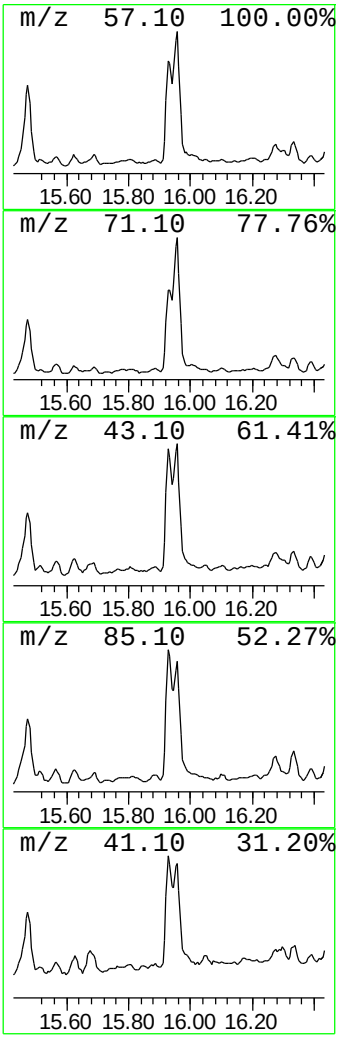
****

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	16.36 ng/ul	3013350	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octacosane	394	C28H58	000630-02-4	87
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
5	Tetradecane	198	C14H30	000629-59-4	86





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Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

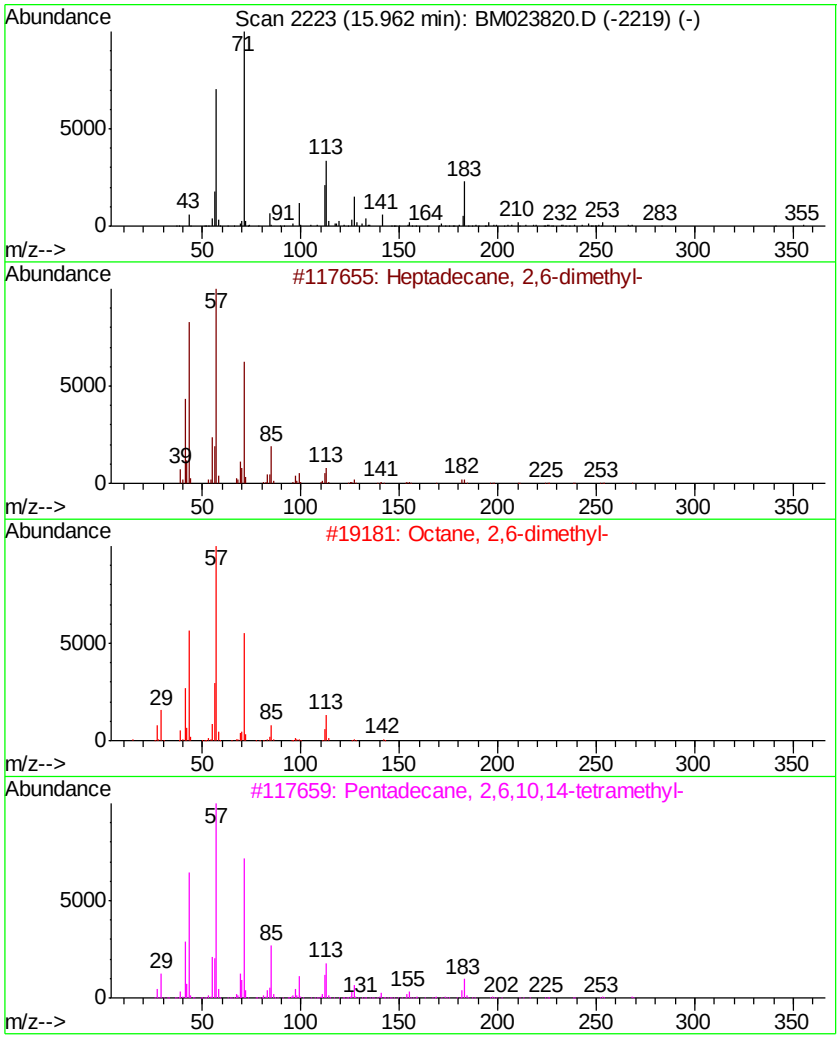
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

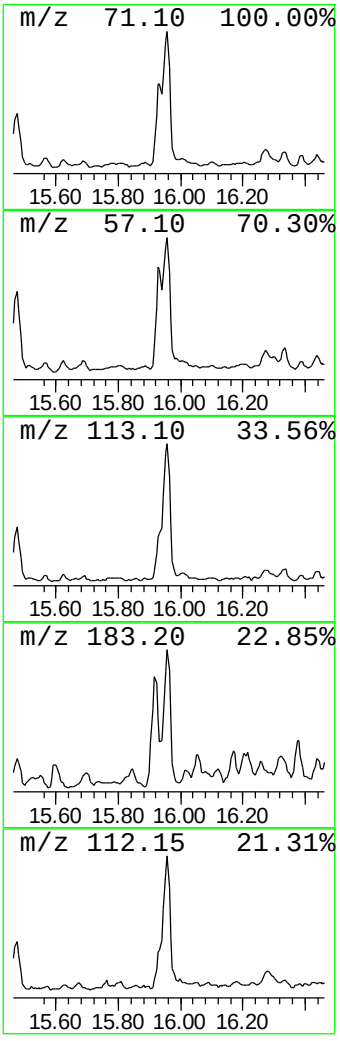
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	20.34 ng/ul	3746280	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
4	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	59
5	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

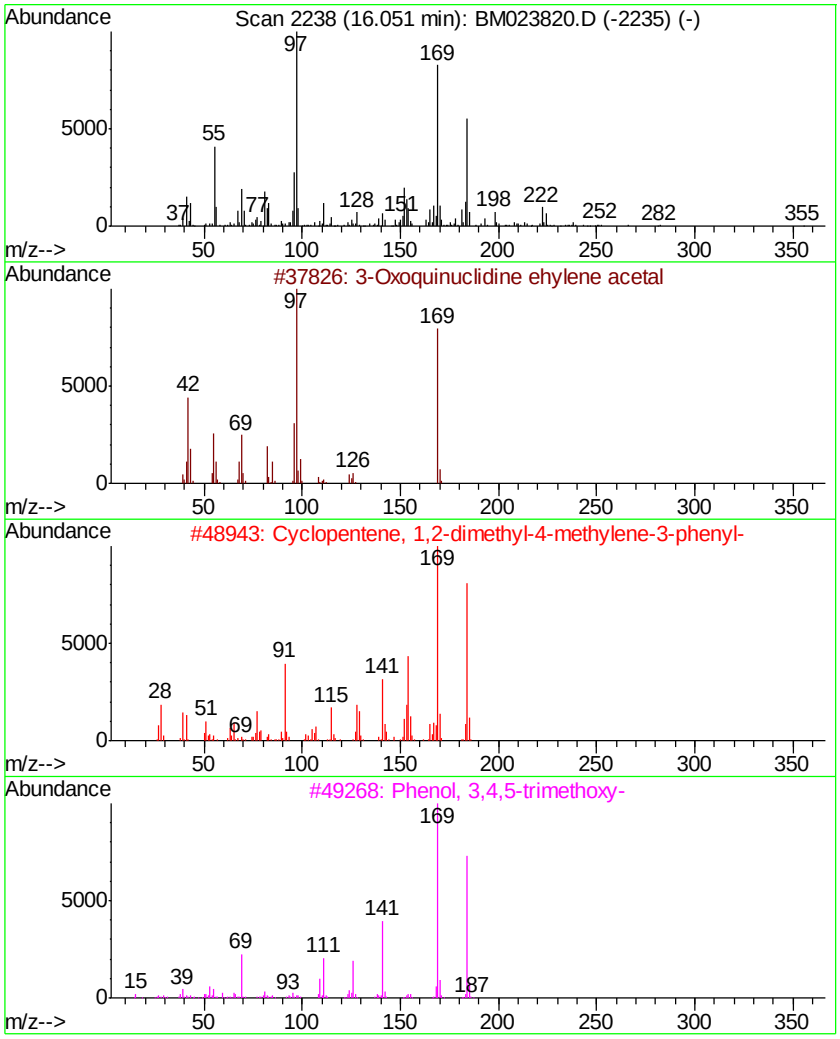
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

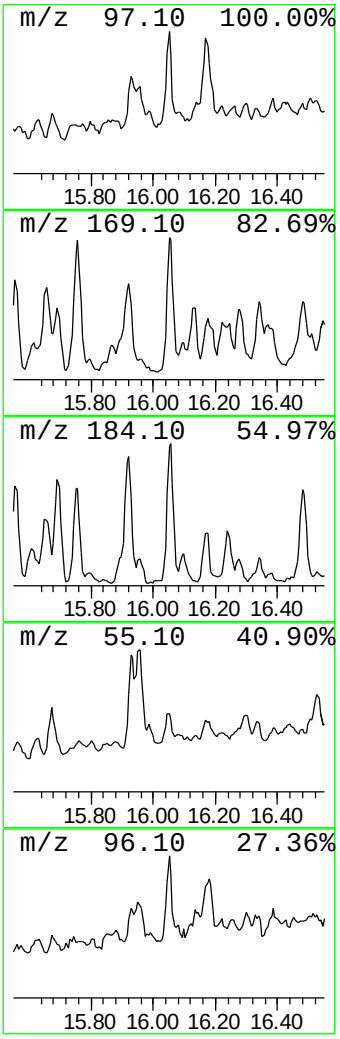
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 3-Oxoquinuclidine ehylene a... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	2.59 ng/ul	477851	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Oxoquinuclidine ehylene acetal	169	C9H15NO2	1000311-39-5	52
2	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	50
3	Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	38
4	Chamazulene	184	C14H16	000529-05-5	38
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	38





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Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

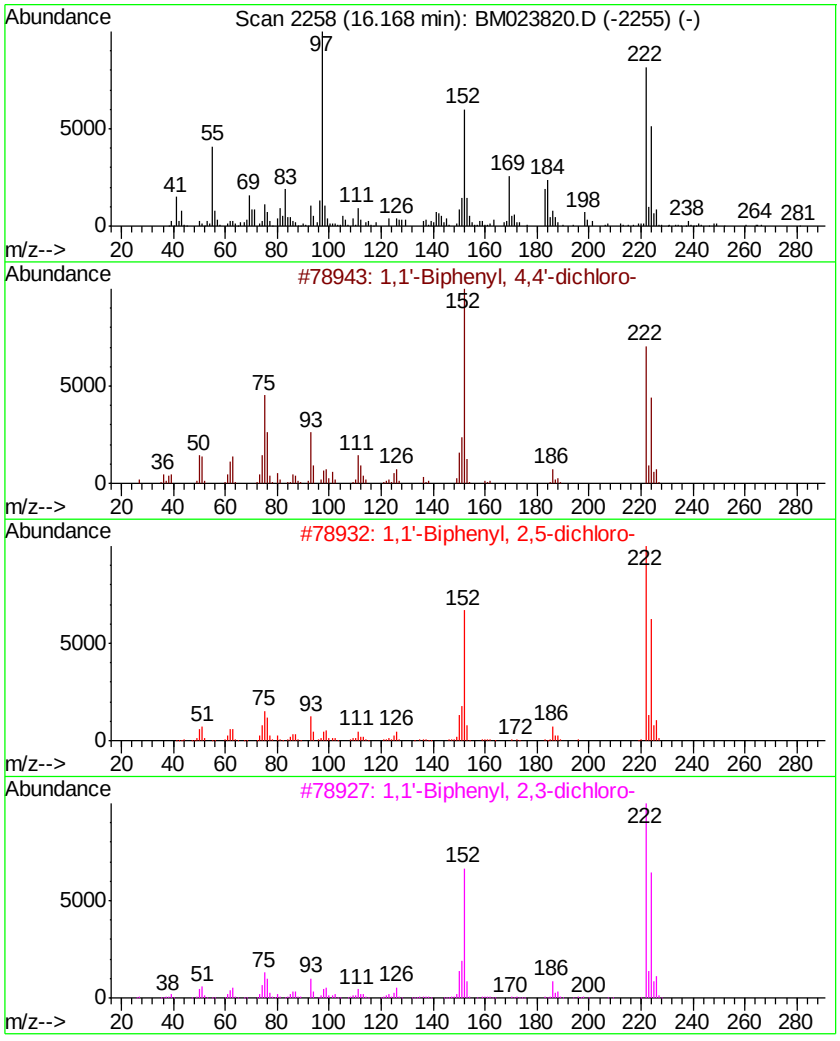
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

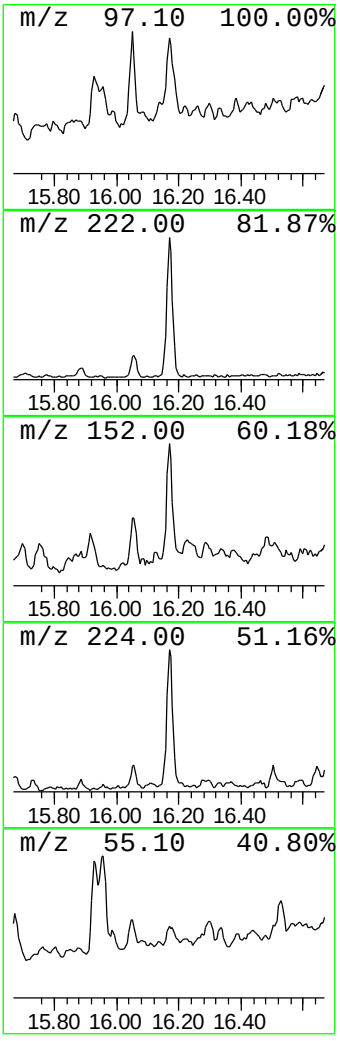
****

Peak Number 63 1,1'-Biphenyl, 4,4'-dichloro- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	3.42 ng/ul	630134	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	96
2	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	96
3	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	96
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	96
5	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

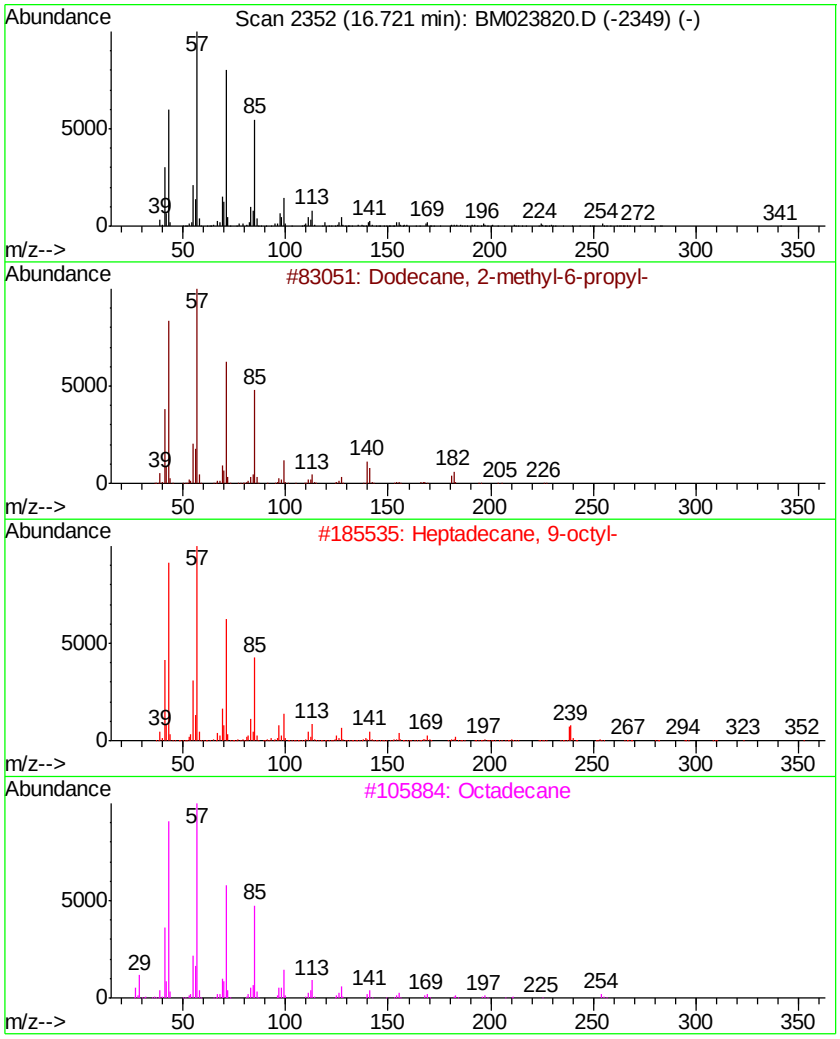
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

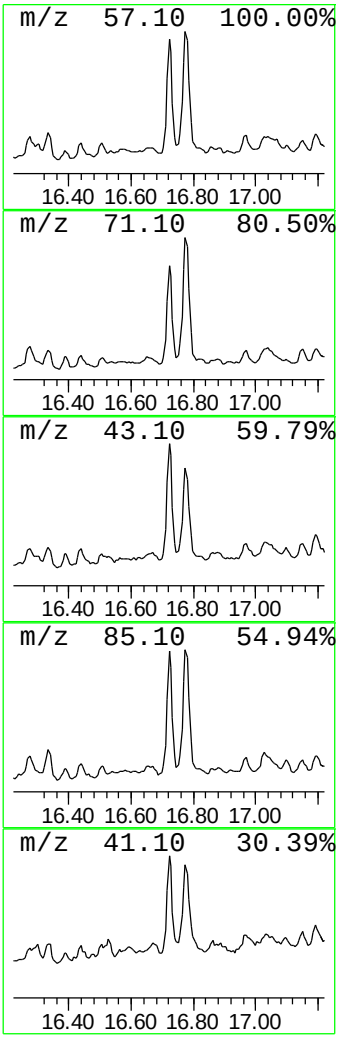
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	12.67 ng/ul	2332570	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
3	Octadecane	254	C18H38	000593-45-3	80
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74





Library Search Compound Report

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Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

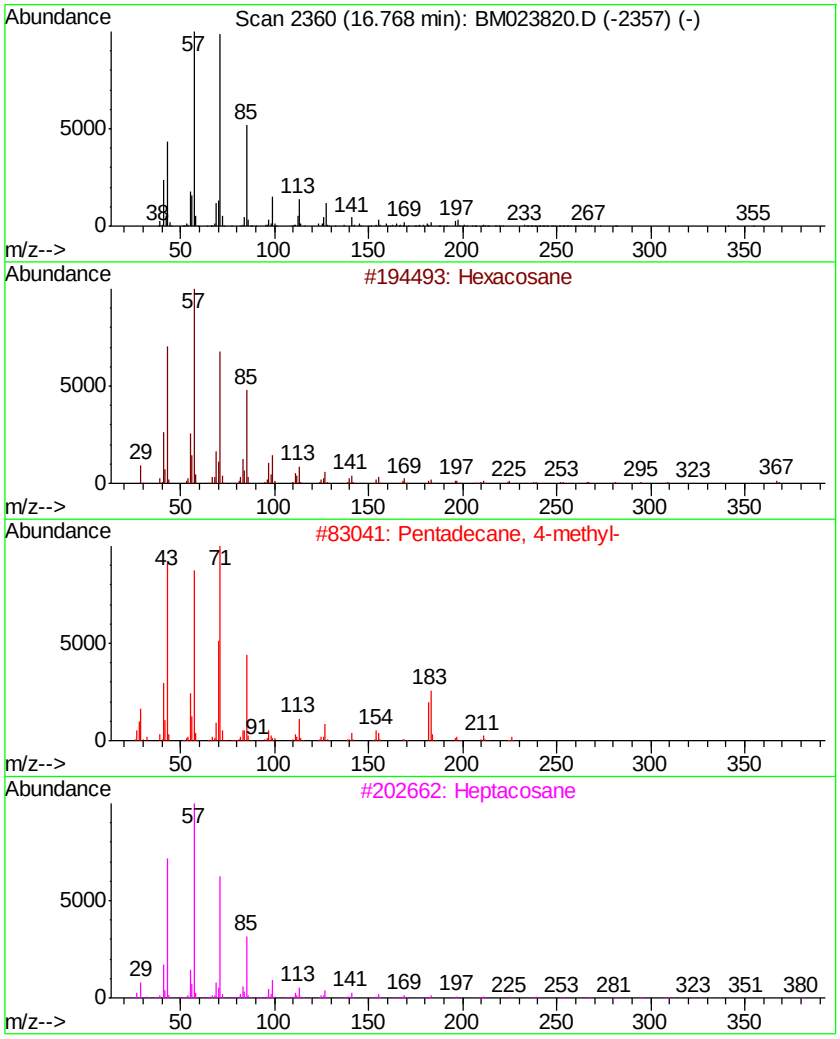
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

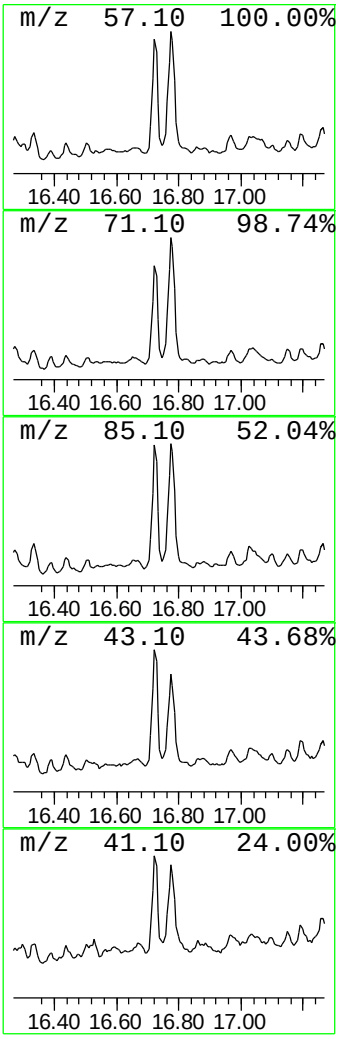
****

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	14.40 ng/ul	2651590	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86
3	Heptacosane	380	C27H56	000593-49-7	80
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64





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Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

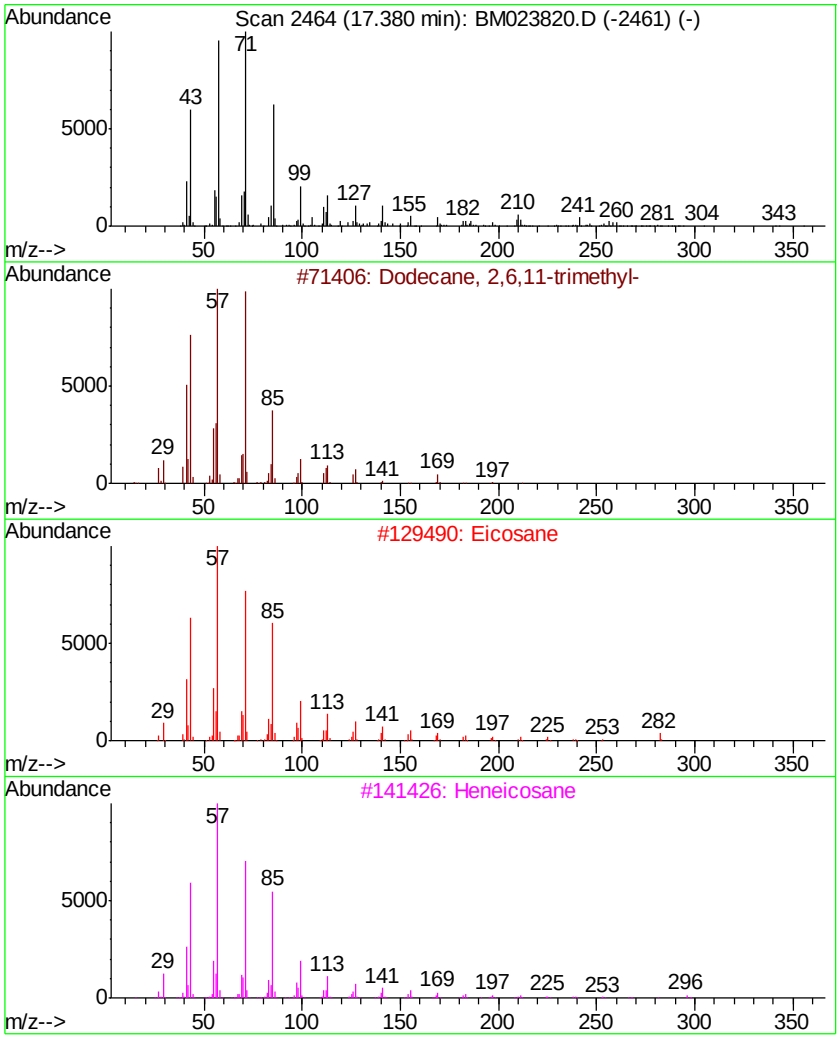
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

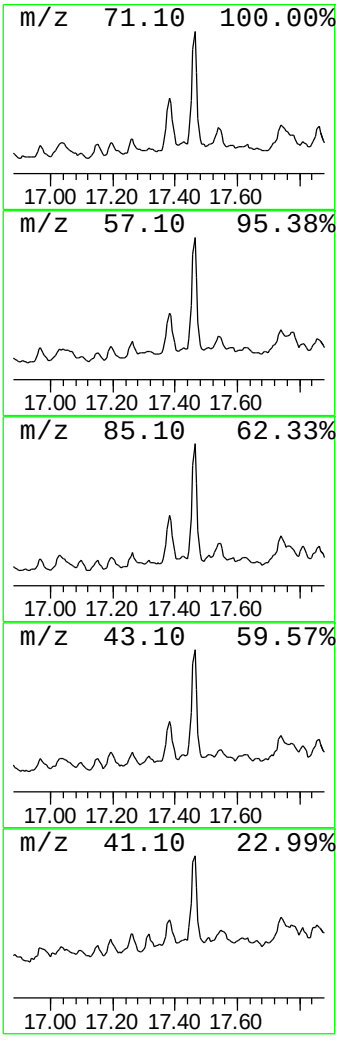
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	6.60 ng/ul	1215360	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

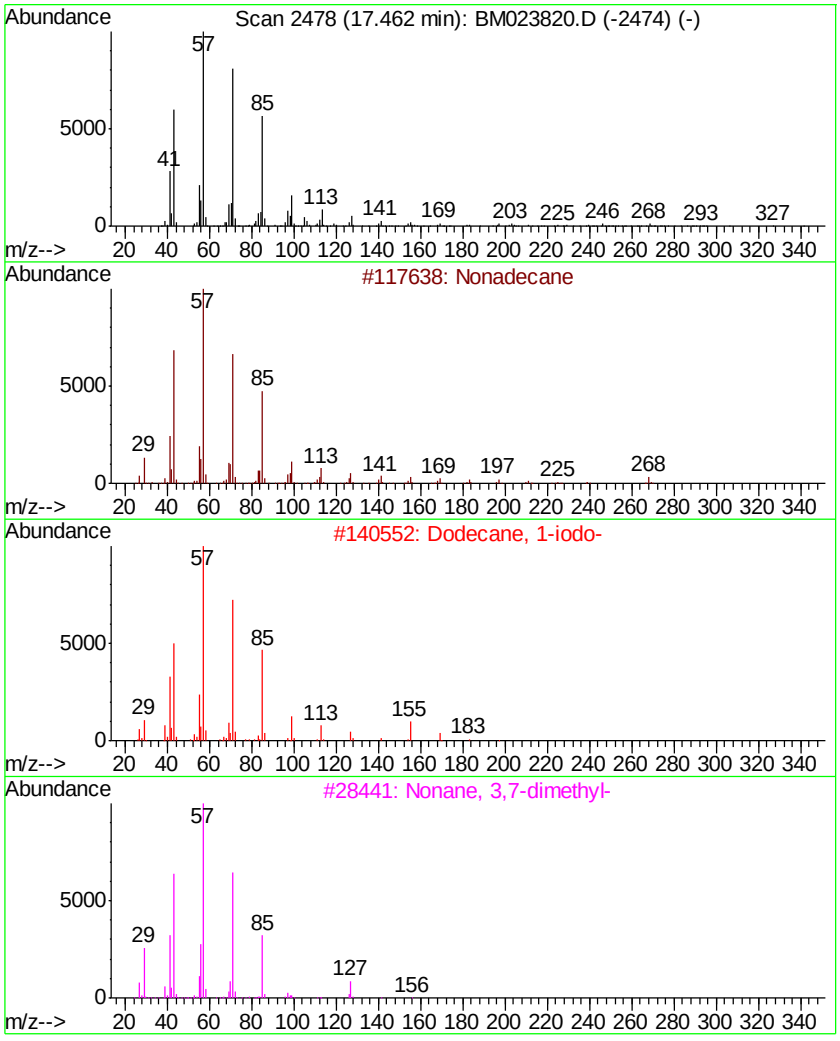
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

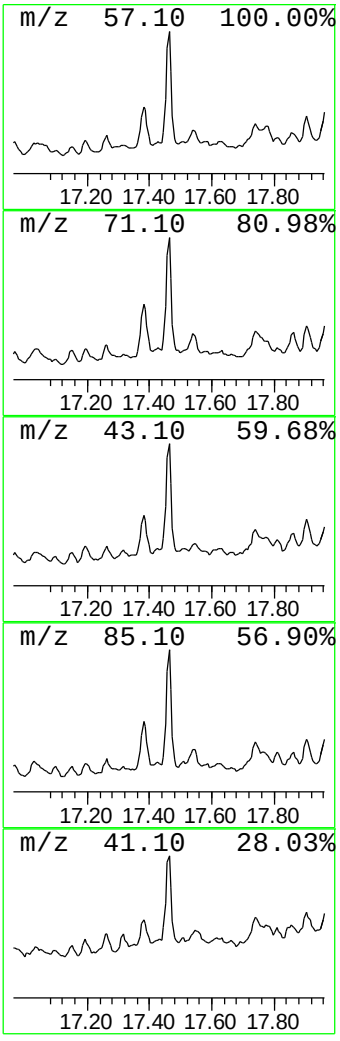
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	14.65 ng/ul	2698540	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
4	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	53
5	Hexadecane	226	C16H34	000544-76-3	49





Library Search Compound Report

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Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

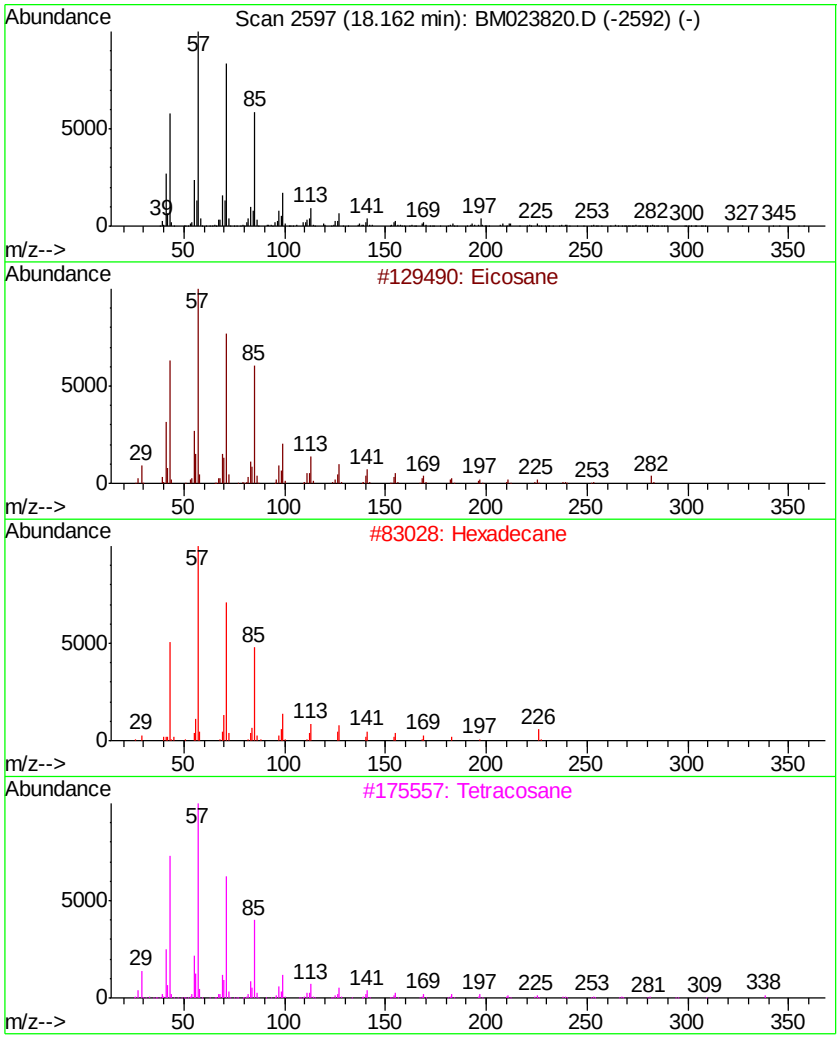
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

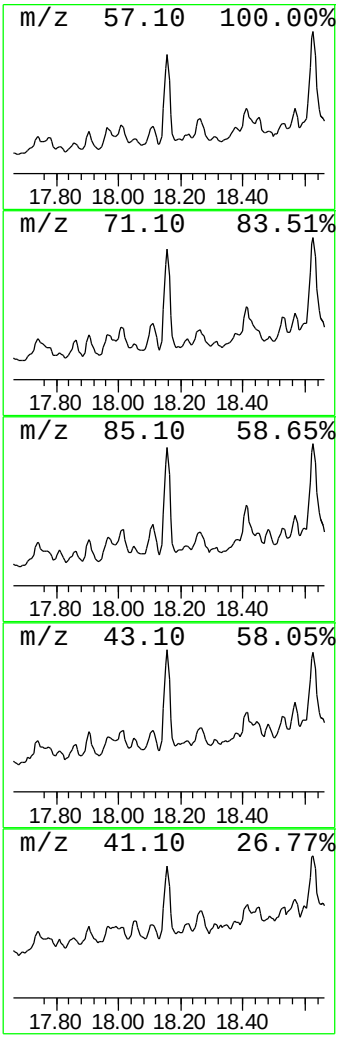
****

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	17.82 ng/ul	3282680	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Hexadecane	226	C16H34	000544-76-3	93
3	Tetracosane	338	C24H50	000646-31-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90





Library Search Compound Report

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Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
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Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

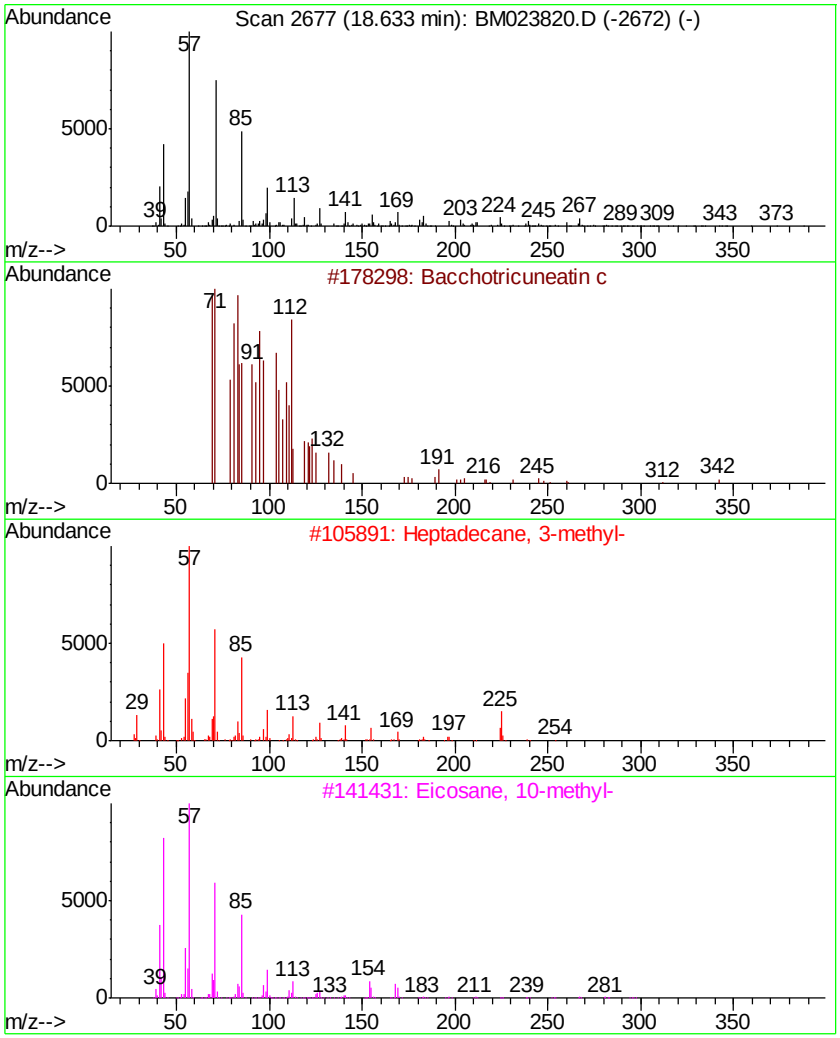
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

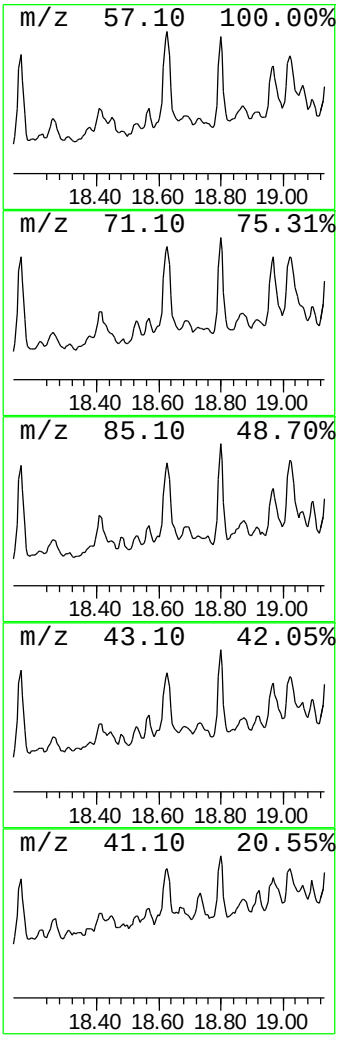
****

Peak Number 69 Bacchotricuneatin c Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	18.22 ng/ul	3355170	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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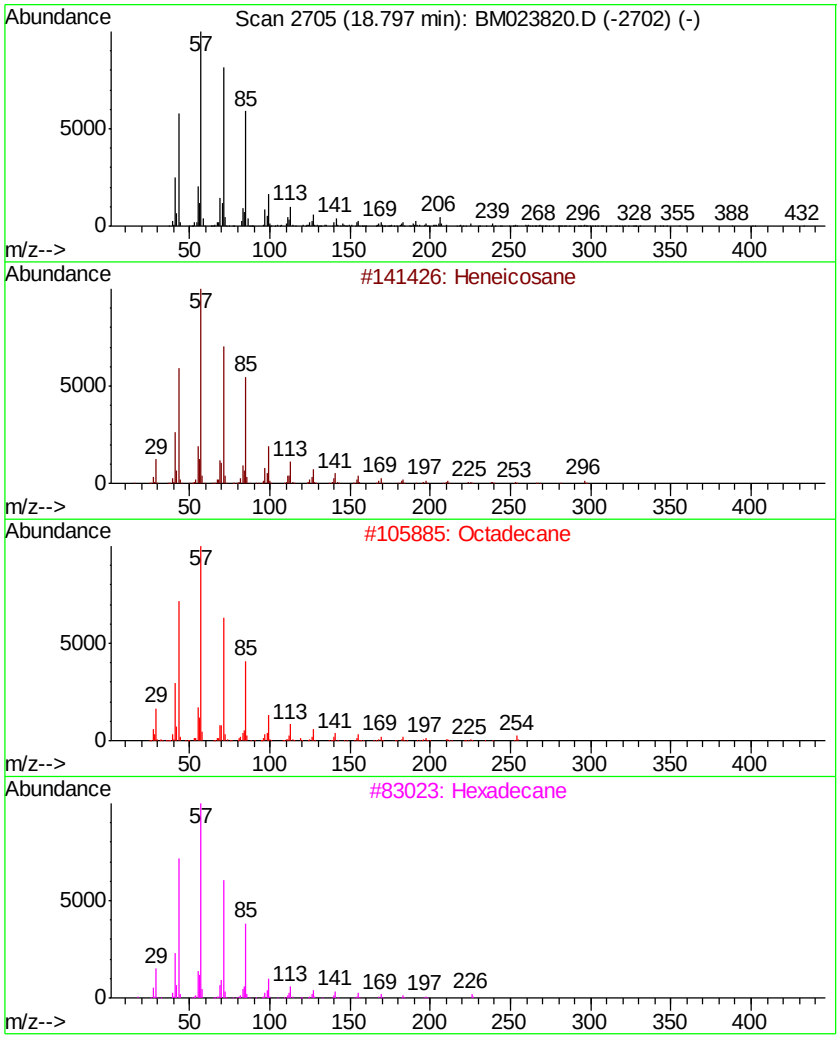
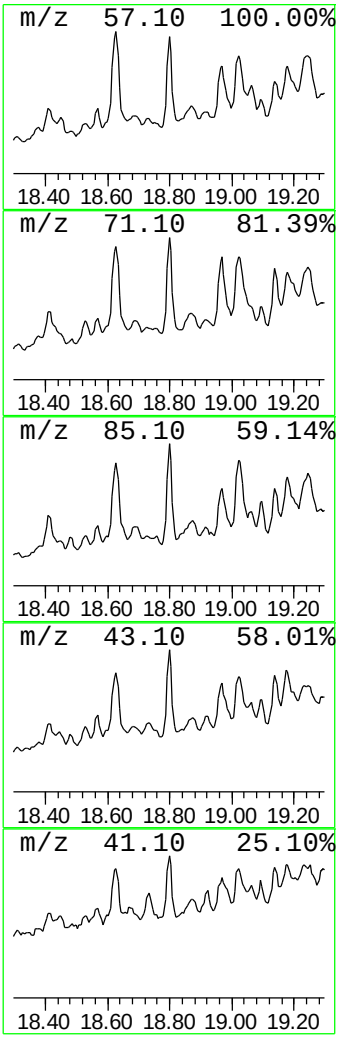
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	15.09 ng/ul	2778610	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Heptacosane	380	C27H56	000593-49-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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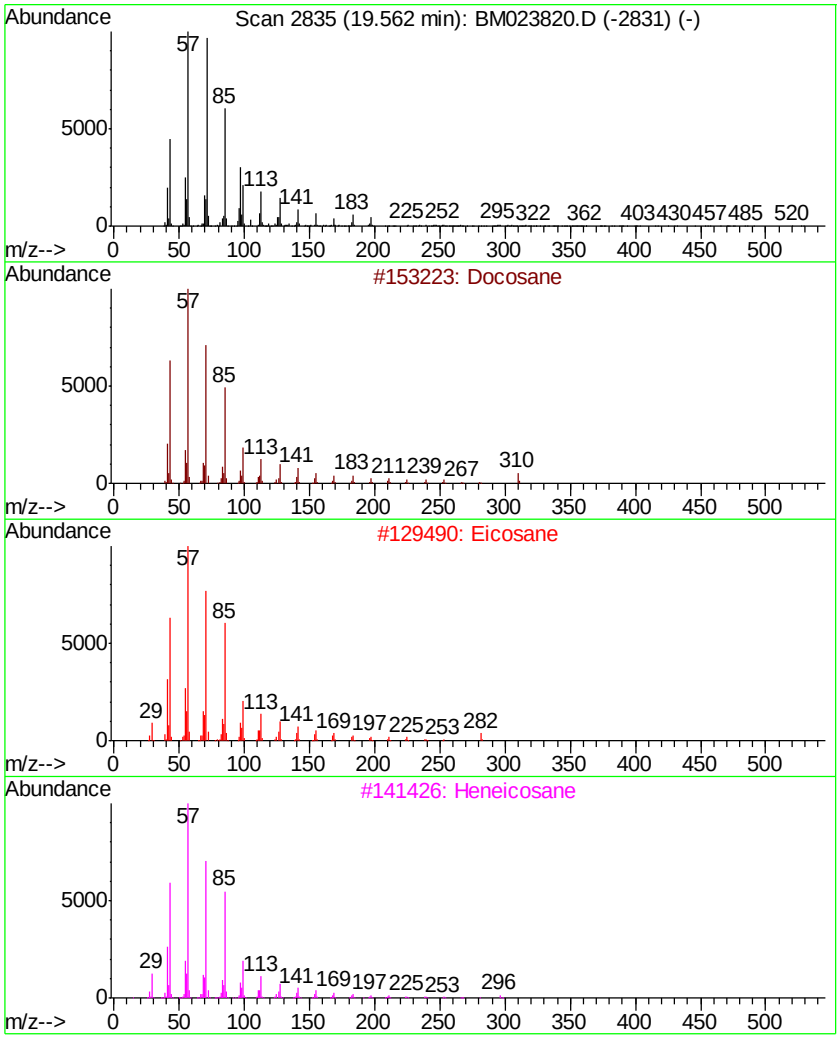
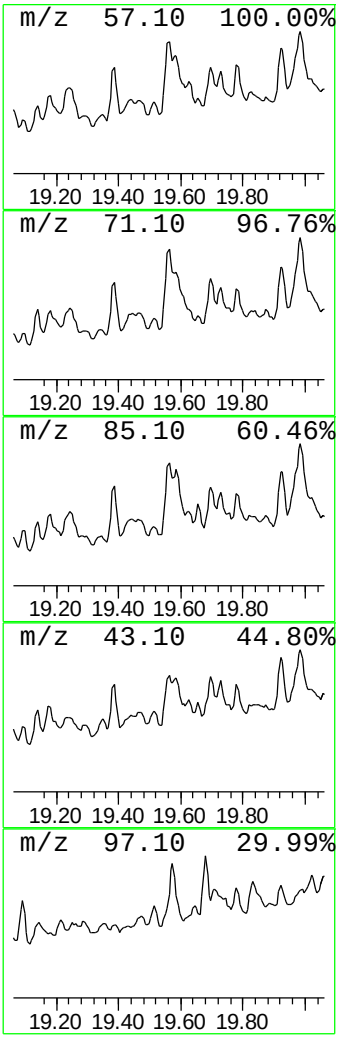
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	32.25 ng/ul	6020080	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	87
2	Eicosane	282	C20H42	000112-95-8	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Octadecane	254	C18H38	000593-45-3	80
5	Triacontane	422	C30H62	000638-68-6	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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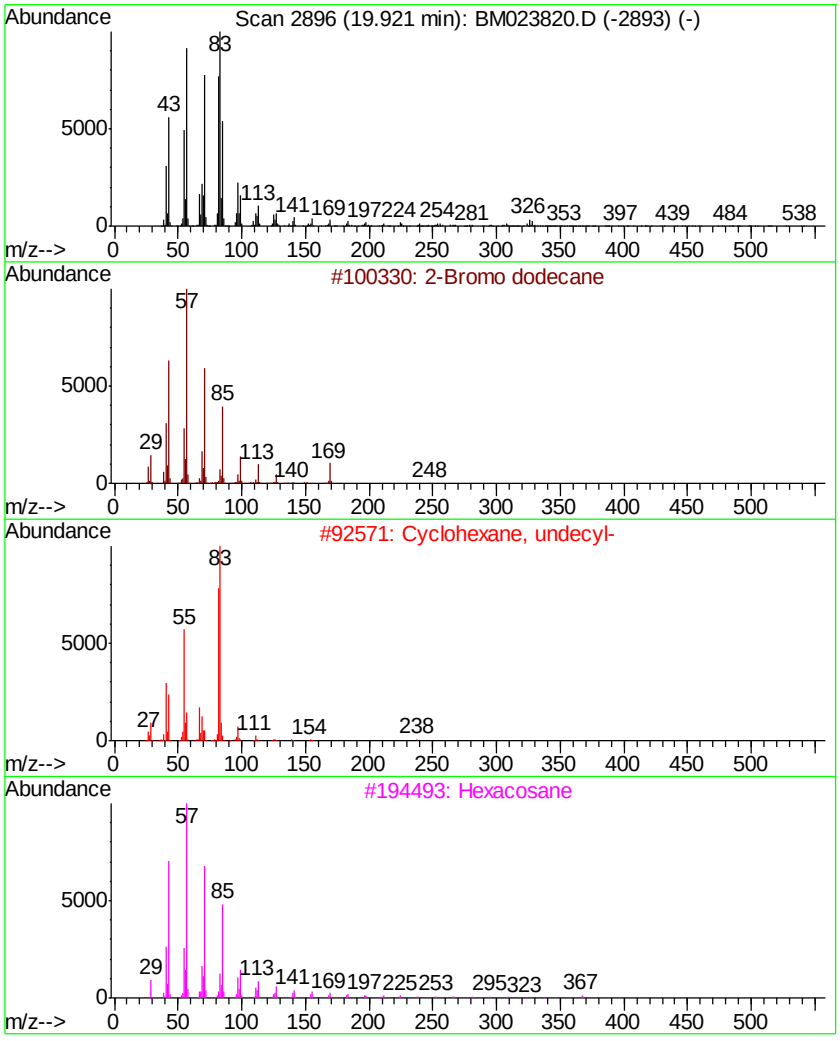
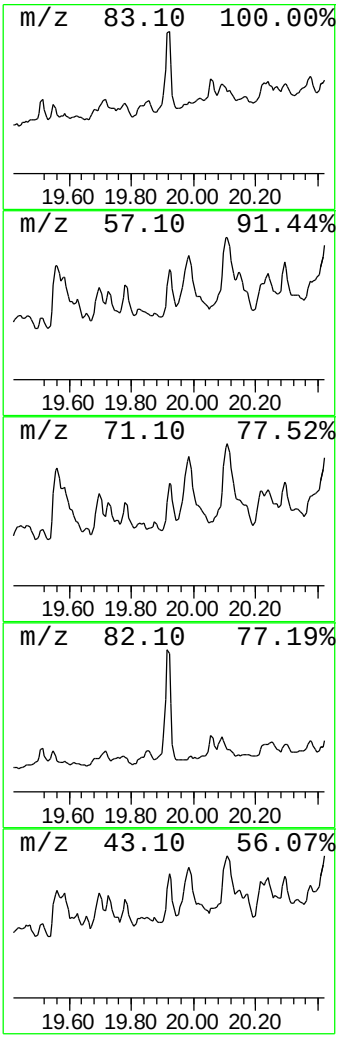
Peak Number 72 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	20.00 ng/ul	3733290	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	62
2	Cyclohexane, undecyl-	238	C17H34	054105-66-7	55
3	Hexacosane	366	C26H54	000630-01-3	50
4	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	49
5	Tritetracontane	605	C43H88	007098-21-7	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111919\
Data File : BM023820.D
Acq On : 20 Nov 2019 05:43
Operator : JU
Sample : K5847-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	2.98	3.4	ng/ul	580079	1	7.52	3450480	20.0
(DEL) Alkane: Cyc...	5.82	2.5	ng/ul	432839	1	7.52	3450480	20.0
unknown-01	6.03	2.1	ng/ul	357393	1	7.52	3450480	20.0
(DEL) Alkane: Str...	6.10	2.8	ng/ul	478823	1	7.52	3450480	20.0
(DEL) Alkane: Cyc...	6.17	3.0	ng/ul	516374	1	7.52	3450480	20.0
(DEL) Alkane: Str...	6.53	4.1	ng/ul	710776	1	7.52	3450480	20.0
(DEL) Alkane: Str...	6.59	2.3	ng/ul	392740	1	7.52	3450480	20.0
(DEL) Alkane: Cyc...	6.67	2.3	ng/ul	402035	1	7.52	3450480	20.0
(DEL) Alkane: Str...	6.69	4.0	ng/ul	690577	1	7.52	3450480	20.0
(DEL) Alkane: Cyc...	7.02	2.6	ng/ul	446325	1	7.52	3450480	20.0
(DEL) Alkane: Cyc...	7.09	2.4	ng/ul	413774	1	7.52	3450480	20.0
Mesitylene	7.17	4.0	ng/ul	684068	1	7.52	3450480	20.0
(DEL) Alkane: Cyc...	7.80	4.9	ng/ul	844323	1	7.52	3450480	20.0
Benzene, 1-methyl...	8.06	8.3	ng/ul	1433720	1	7.52	3450480	20.0
(DEL) Alkane: Str...	8.19	5.1	ng/ul	883148	1	7.52	3450480	20.0
Sulfurous acid, b...	8.40	2.0	ng/ul	350754	1	7.52	3450480	20.0
o-Cymene	8.52	2.1	ng/ul	364673	1	7.52	3450480	20.0
Benzene, 1-ethyl-...	8.62	9.0	ng/ul	1546210	1	7.52	3450480	20.0
unknown-02	8.72	3.1	ng/ul	541665	1	7.52	3450480	20.0
(DEL) Alkane: Str...	8.76	6.0	ng/ul	1031930	1	7.52	3450480	20.0
2,8-Decadiyne	8.87	8.4	ng/ul	1457210	1	7.52	3450480	20.0
Benzene, 1,2,3,4-...	9.20	4.2	ng/ul	1437590	2	10.29	6936050	20.0
(DEL) Alkane: Str...	9.59	2.3	ng/ul	806113	2	10.29	6936050	20.0
(DEL) Alkane: Str...	9.67	2.7	ng/ul	931645	2	10.29	6936050	20.0
(DEL) Alkane: Str...	9.86	2.2	ng/ul	776393	2	10.29	6936050	20.0
Benzene, 1-methyl...	10.01	2.1	ng/ul	721728	2	10.29	6936050	20.0
Benzene, 1,3,5-tr...	10.17	2.4	ng/ul	830455	2	10.29	6936050	20.0
Undecane, 6-ethyl-	10.48	4.5	ng/ul	1560730	2	10.29	6936050	20.0
(DEL) Alkane: Str...	11.15	2.3	ng/ul	786354	2	10.29	6936050	20.0
(DEL) Alkane: Str...	11.23	3.5	ng/ul	1214610	2	10.29	6936050	20.0
(DEL) Alkane: Str...	11.35	7.7	ng/ul	2683230	2	10.29	6936050	20.0
(DEL) Alkane: Str...	11.75	12.4	ng/ul	4315150	2	10.29	6936050	20.0
(DEL) Alkane: Str...	12.40	2.2	ng/ul	501965	3	14.18	4581490	20.0
(DEL) Alkane: Cyc...	12.45	3.5	ng/ul	799706	3	14.18	4581490	20.0
(DEL) Alkane: Str...	12.51	2.3	ng/ul	533620	3	14.18	4581490	20.0
(DEL) Alkane: Str...	12.59	4.3	ng/ul	974516	3	14.18	4581490	20.0
(DEL) Alkane: Str...	12.67	2.9	ng/ul	670271	3	14.18	4581490	20.0
(DEL) Alkane: Str...	12.73	6.3	ng/ul	1445740	3	14.18	4581490	20.0
(DEL) Alkane: Str...	13.02	13.8	ng/ul	3149700	3	14.18	4581490	20.0
Naphthalene, 1,6-...	13.33	3.0	ng/ul	680880	3	14.18	4581490	20.0
Naphthalene, 2,3-...	13.50	3.4	ng/ul	777276	3	14.18	4581490	20.0
Naphthalene, 2,7-...	13.55	3.0	ng/ul	698330	3	14.18	4581490	20.0
Decahydro-4,4,8,9...	13.60	4.3	ng/ul	984736	3	14.18	4581490	20.0
(DEL) Alkane: Str...	13.69	11.4	ng/ul	2602240	3	14.18	4581490	20.0
Naphthalene, 2,6-...	13.73	3.4	ng/ul	767518	3	14.18	4581490	20.0
Naphthalene, 1-et...	13.90	2.5	ng/ul	576433	3	14.18	4581490	20.0
unknown-03	14.01	2.6	ng/ul	606686	3	14.18	4581490	20.0
(DEL) Alkane: Str...	14.10	11.9	ng/ul	2730790	3	14.18	4581490	20.0
Naphthalene, 2-(1...	14.39	2.5	ng/ul	582999	3	14.18	4581490	20.0

Naphthalene, 2,3,...	14.67	2.1	ng/ul	479664	3	14.18	4581490	20.0
unknown-04	14.73	6.0	ng/ul	1383990	3	14.18	4581490	20.0
unknown-05	14.92	2.1	ng/ul	475440	3	14.18	4581490	20.0
unknown-06	14.97	4.2	ng/ul	971170	3	14.18	4581490	20.0
(DEL) Alkane: Str...	15.06	9.7	ng/ul	2230800	3	14.18	4581490	20.0
unknown-07	15.28	2.5	ng/ul	585092	3	14.18	4581490	20.0
(DEL) Alkane: Str...	15.47	12.0	ng/ul	2749110	3	14.18	4581490	20.0
Sulfurous acid, 2...	15.62	2.7	ng/ul	503945	4	16.93	3683340	20.0
(DEL) Alkane: Cyc...	15.67	6.2	ng/ul	1134990	4	16.93	3683340	20.0
(DEL) Alkane: Str...	15.93	16.4	ng/ul	3013350	4	16.93	3683340	20.0
(DEL) Alkane: Str...	15.96	20.3	ng/ul	3746280	4	16.93	3683340	20.0
3-Oxoquinuclidine...	16.05	2.6	ng/ul	477851	4	16.93	3683340	20.0
1,1'-Biphenyl, 4,...	16.17	3.4	ng/ul	630134	4	16.93	3683340	20.0
(DEL) Alkane: Str...	16.72	12.7	ng/ul	2332570	4	16.93	3683340	20.0
(DEL) Alkane: Str...	16.77	14.4	ng/ul	2651590	4	16.93	3683340	20.0
(DEL) Alkane: Str...	17.38	6.6	ng/ul	1215360	4	16.93	3683340	20.0
(DEL) Alkane: Str...	17.46	14.7	ng/ul	2698540	4	16.93	3683340	20.0
(DEL) Alkane: Str...	18.16	17.8	ng/ul	3282680	4	16.93	3683340	20.0
Bacchotricuneatin c	18.63	18.2	ng/ul	3355170	4	16.93	3683340	20.0
(DEL) Alkane: Str...	18.80	15.1	ng/ul	2778610	4	16.93	3683340	20.0
(DEL) Alkane: Str...	19.56	32.3	ng/ul	6020080	5	21.14	3733290	20.0
2-Bromo dodecane	19.92	20.0	ng/ul	3733290	5	21.14	3733290	20.0

Instrument :
BNA_M
ClientSampleId :
BFPS4