LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023818.D
Acq On : 20 Nov 2019 04:30
Operator : JU
Sample : K5847-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

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	25	rVB	607125	610007	14.62%	1.525%
2	3.305	69	71	76	rVB2	73580	77925	1.87%	0.195%
3	3.769	146	150	154	rVB2	42322	60758	1.46%	0.152%
4	4.599	287	291	294	rBV	56386	70954	1.70%	0.177%
5	5.540	447	451	461	rVB6	32479	90398	2.17%	0.226%
6	5.816	489	498	506	rBV5	53150	142493	3.41%	0.356%
7	6.028	528	534	541	rVB4	47900	93272	2.23%	0.233%
8	6.099	541	546	551	rBV2	51845	94420	2.26%	0.236%
9	6.210	561	565	570	rVB2	64205	98974	2.37%	0.247%
10	6.416	595	600	607	rBV6	48688	117889	2.82%	0.295%
11	6.534	615	620	626	rVB	93430	141924	3.40%	0.355%
12	6.663	638	642	646	rBV2	88118	146006	3.50%	0.365%
13	6.863	669	676	680	rVV6	27204	60838	1.46%	0.152%
14	6.910	680	684	688	rVB3	51111	72779	1.74%	0.182%
15	7.010	693	701	708	rVV5	59168	185675	4.45%	0.464%
16	7.087	710	714	723	rVB6	52910	125301	3.00%	0.313%
17	7.169	723	728	734	rBV2	75996	160180	3.84%	0.400%
18	7.340	753	757	759	rBV3	42707	68830	1.65%	0.172%
19	7.422	766	771	774	rBV3	62356	110612	2.65%	0.277%
20	7.516	780	787	796	rVB	1728491	2658259	63.70%	6.646%
21	7.593	796	800	805	rBV5	38531	66950	1.60%	0.167%
22	7.657	805	811	816	rVV4	45986	108671	2.60%	0.272%
23	7.716	818	821	824	rVV2	67108	90233	2.16%	0.226%
24	7.751	824	827	831	rVV	104152	158333	3.79%	0.396%
25	7.793	831	834	843	rVB6	69743	151446	3.63%	0.379%
26	7.963	859	863	868	rBV4	46747	68467	1.64%	0.171%
27	8.063	875	880	885	rVV2	193355	344846	8.26%	0.862%
28	8.198	898	903	911	rVB3	101206	209572	5.02%	0.524%
29	8.293	912	919	922	rBV4	67127	124516	2.98%	0.311%
30	8.340	922	927	931	rVV3	93619	158980	3.81%	0.397%
31	8.398	931	937	946	rVB9	77316	204113	4.89%	0.510%
32	8.622	965	975	984	rVB5	136534	388173	9.30%	0.970%
33	8.716	984	991	994	rBV3	64759	144697	3.47%	0.362%
34	8.757	994	998	1006	rVB2	170219	328411	7.87%	0.821%

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Misc :
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Instrument : BNA_M
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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	8.834	1006	1011	1012	rBV2	73293	91648	2.20%	0.229%
36	8.869	1013	1017	1023	rVB6	140495	287578	6.89%	0.719%
37	8.951	1023	1031	1034	rBV5	57762	148392	3.56%	0.371%
38	9.098	1052	1056	1061	rBV4	47952	91659	2.20%	0.229%
39	9.169	1061	1068	1071	rVV2	101568	198124	4.75%	0.495%
40	9.222	1073	1077	1085	rVB3	137271	241802	5.79%	0.605%
41	9.439	1111	1114	1117	rVV3	55238	92660	2.22%	0.232%
42	9.481	1117	1121	1131	rVB6	133521	344010	8.24%	0.860%
43	9.592	1135	1140	1144	rVB5	61851	113291	2.71%	0.283%
44	9.663	1149	1152	1156	rBV4	66565	110985	2.66%	0.277%
45	9.851	1179	1184	1188	rBV2	63534	104516	2.50%	0.261%
46	9.898	1188	1192	1197	rVB6	55128	99357	2.38%	0.248%
47	10.004	1205	1210	1214	rBV4	65375	106020	2.54%	0.265%
48	10.169	1233	1238	1242	rBV4	96074	186793	4.48%	0.467%
49	10.210	1242	1245	1249	rVB4	65364	97753	2.34%	0.244%
50	10.292	1249	1259	1265	rBV	2121577	3700215	88.66%	9.251%
51	10.345	1265	1268	1271	rBV4	56819	72330	1.73%	0.181%
52	10.422	1277	1281	1286	rVB5	71647	126773	3.04%	0.317%
53	10.481	1286	1291	1295	rVV	277410	425568	10.20%	1.064%
54	10.528	1295	1299	1306	rVV6	72483	194428	4.66%	0.486%
55	10.604	1308	1312	1317	rVB5	72310	137283	3.29%	0.343%
56	10.716	1326	1331	1340	rVB4	85794	187837	4.50%	0.470%
57	10.792	1340	1344	1349	rBV3	97477	151263	3.62%	0.378%
58	10.981	1372	1376	1378	rBV5	71900	101691	2.44%	0.254%
59	11.081	1390	1393	1397	rVB3	61514	91300	2.19%	0.228%
60	11.157	1402	1406	1410	rVV5	81000	144054	3.45%	0.360%
61	11.233	1412	1419	1425	rVB5	86742	222880	5.34%	0.557%
62	11.345	1432	1438	1442	rBV2	405759	735861	17.63%	1.840%
63	11.598	1478	1481	1485	rVB5	58843	69217	1.66%	0.173%
64	11.751	1499	1507	1515	rBV2	275825	627364	15.03%	1.569%
65	12.045	1552	1557	1560	rBV4	81164	138484	3.32%	0.346%
66	12.116	1566	1569	1572	rBV3	51902	63890	1.53%	0.160%
67	12.186	1578	1581	1587	rBV5	65648	139150	3.33%	0.348%
68	12.363	1607	1611	1613	rBV4	49110	75445	1.81%	0.189%
69	12.451	1622	1626	1633	rVB4	89348	168714	4.04%	0.422%
70	12.510	1633	1636	1643	rVB7	79954	137131	3.29%	0.343%
71	12.592	1645	1650	1658	rVB5	124697	285226	6.83%	0.713%

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Instrument : BNA_M
ClientSampleId : BFPW5

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

72	12.675	1659	1664	1668	rBV4	90549	178995	4.29%	0.448%
73	12.727	1668	1673	1677	rBV	374395	491978	11.79%	1.230%
74	12.957	1709	1712	1714	rBV4	66457	86637	2.08%	0.217%
75	13.022	1719	1723	1729	rVB2	169502	314921	7.55%	0.787%
76	13.110	1734	1738	1742	rBV2	102996	156602	3.75%	0.392%
77	13.333	1773	1776	1778	rBV4	58289	77250	1.85%	0.193%
78	13.498	1800	1804	1808	rBV2	85255	143298	3.43%	0.358%
79	13.545	1810	1812	1816	rVV5	104330	133952	3.21%	0.335%
80	13.598	1817	1821	1825	rVB	338627	452626	10.85%	1.132%
81	13.686	1831	1836	1840	rVV3	439653	621220	14.89%	1.553%
82	13.722	1840	1842	1849	rVB4	120612	182783	4.38%	0.457%
83	13.904	1869	1873	1874	rBV2	103714	140297	3.36%	0.351%
84	14.010	1887	1891	1895	rBV	229829	286042	6.85%	0.715%
85	14.104	1904	1907	1911	rVB	202508	251494	6.03%	0.629%
86	14.174	1911	1919	1931	rBV	2576133	4173411	100.00%	10.434%
87	14.727	2009	2013	2019	rVB3	372569	551327	13.21%	1.378%
88	14.804	2023	2026	2030	rBV5	124112	201417	4.83%	0.504%
89	14.974	2051	2055	2059	rBV3	287078	389385	9.33%	0.974%
90	15.063	2067	2070	2074	rBV2	208367	288954	6.92%	0.722%
91	15.474	2133	2140	2145	rBV	657065	1228329	29.43%	3.071%
92	15.674	2171	2174	2181	rVB5	211214	449669	10.77%	1.124%
93	15.927	2213	2217	2218	rBV2	479147	571259	13.69%	1.428%
94	15.951	2218	2221	2230	rVB	1298323	1956810	46.89%	4.892%
95	16.051	2235	2238	2242	rBV3	237939	298329	7.15%	0.746%
96	16.721	2350	2352	2355	rBV3	345474	390720	9.36%	0.977%
97	16.774	2357	2361	2365	rVV	1144283	1599519	38.33%	3.999%
98	16.927	2383	2387	2392	rBV	2541030	3727307	89.31%	9.319%
99	17.380	2461	2464	2468	rBV	659874	862374	20.66%	2.156%
100	18.627	2673	2676	2679	rVB	1468076	1745186	41.82%	4.363%

Sum of corrected areas: 39997685

LSC Report - Integrated Chromatogram

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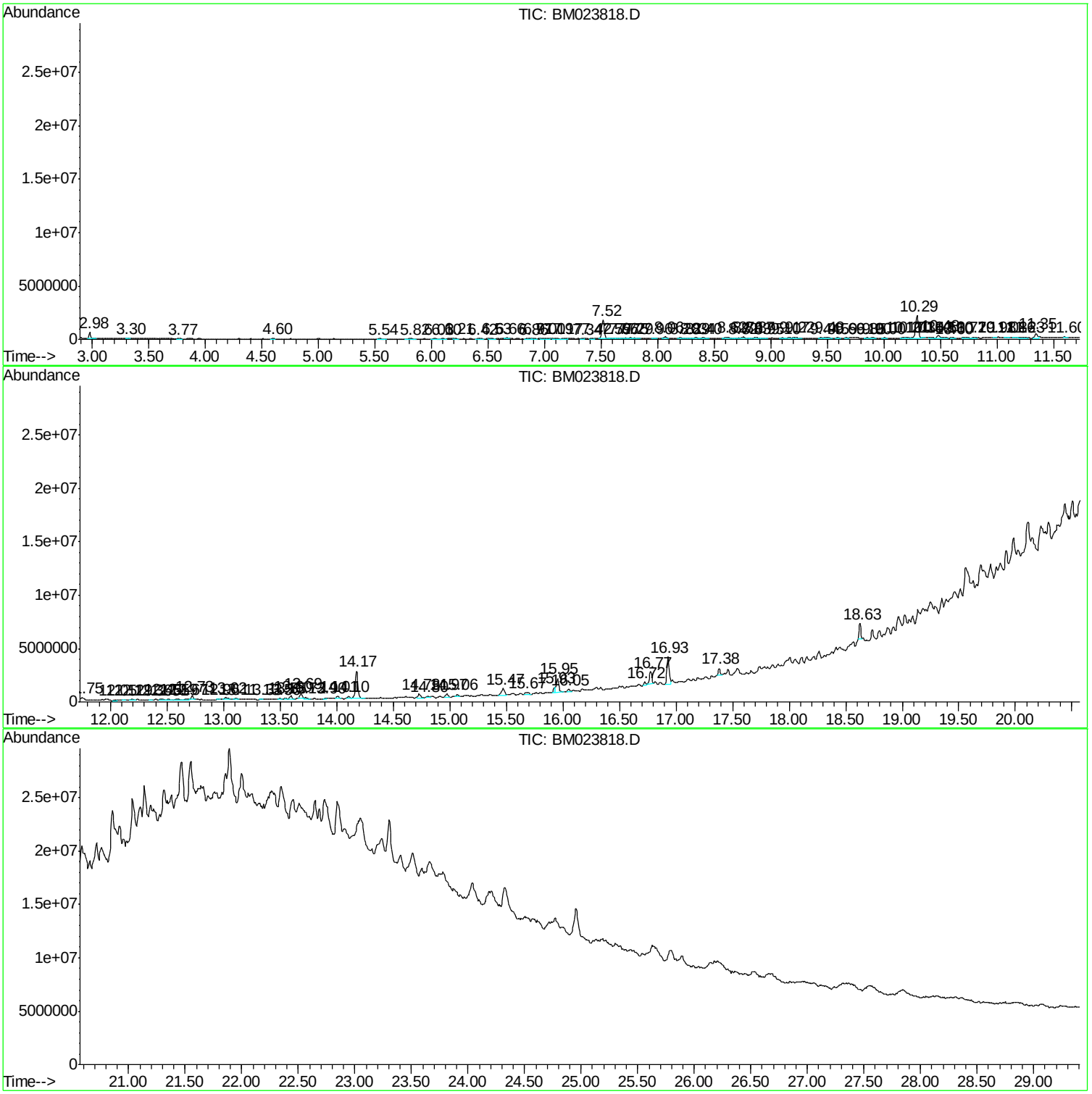
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

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

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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

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

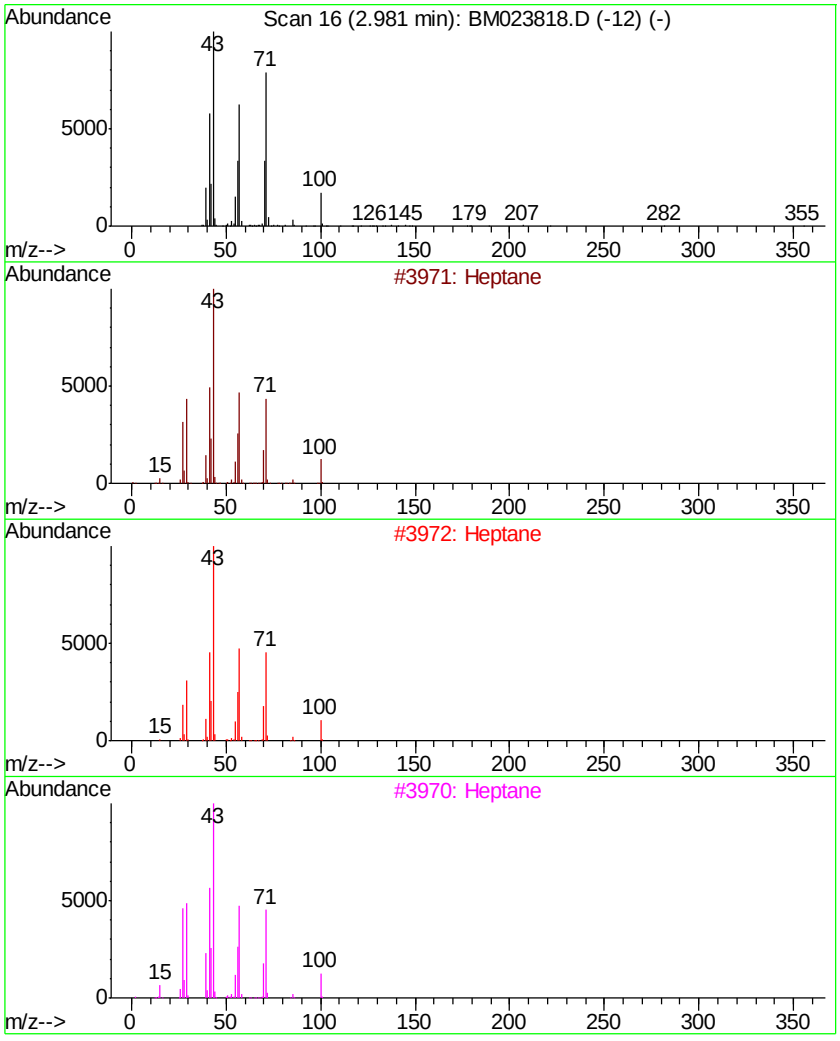
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

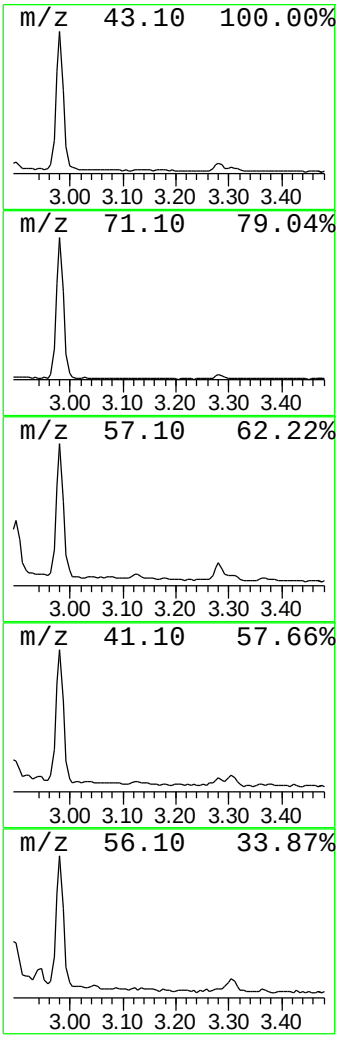
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	4.59 ng/ul	610007	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	90
5	1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	59





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

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

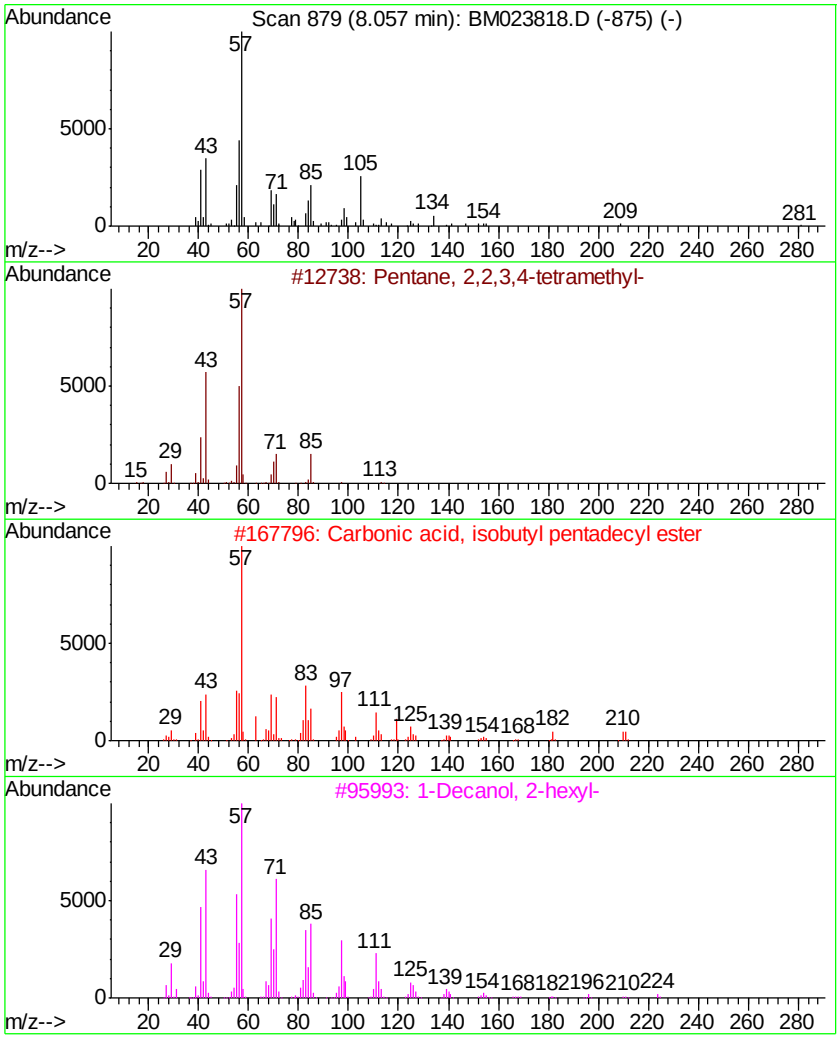
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

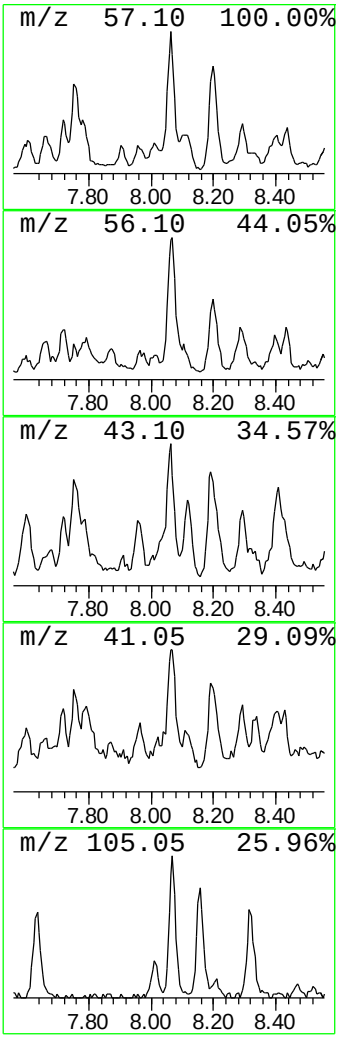
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	2.59 ng/ul	344846	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
2	Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	47
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	47
4	2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	47
5	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	47





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BFPW5

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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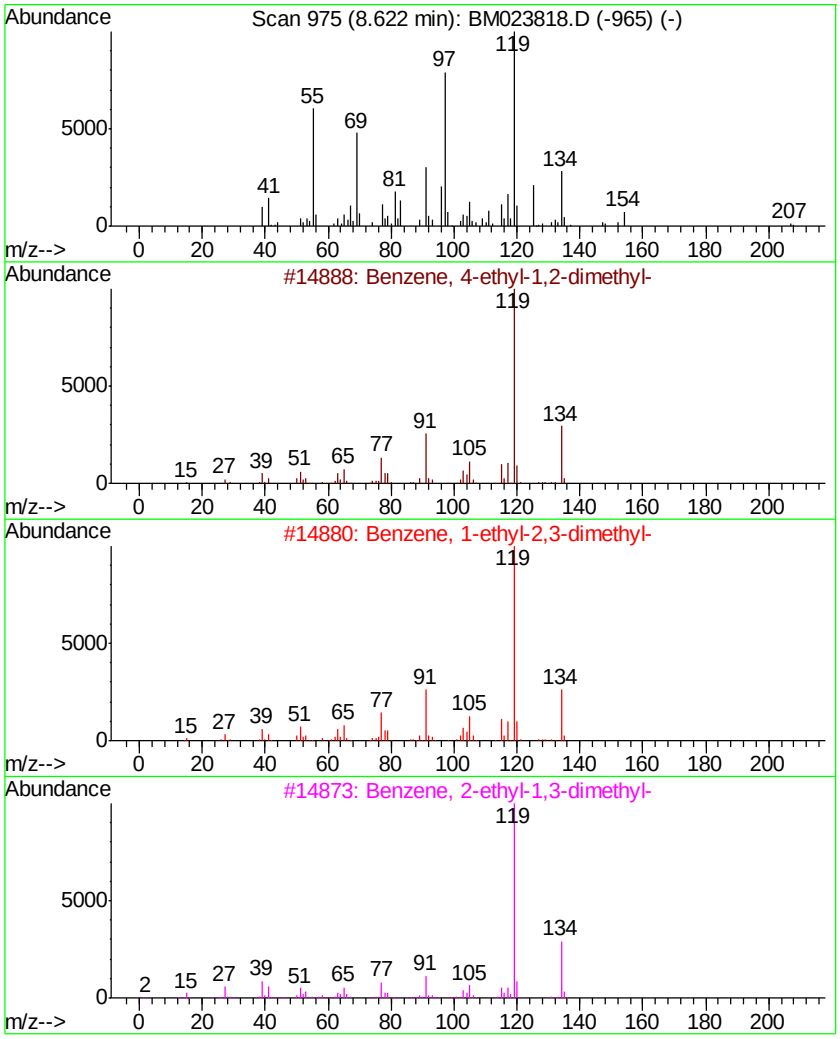
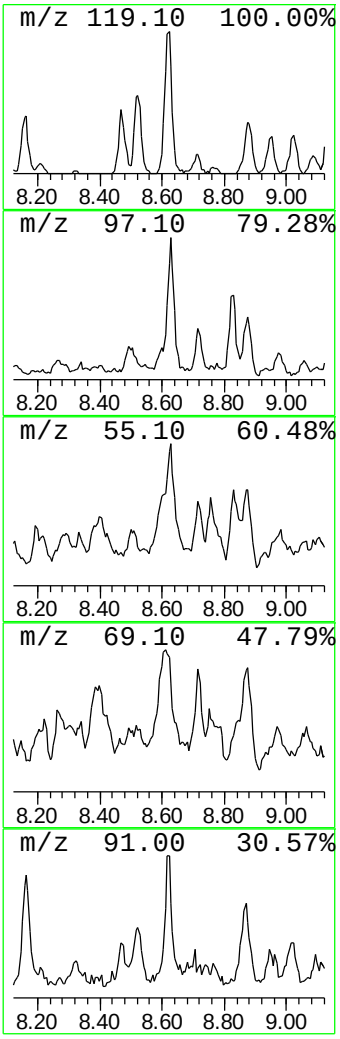
Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	2.92 ng/ul	388173	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	89
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
5	o-Cymene	134	C10H14	000527-84-4	64





Library Search Compound Report

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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

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

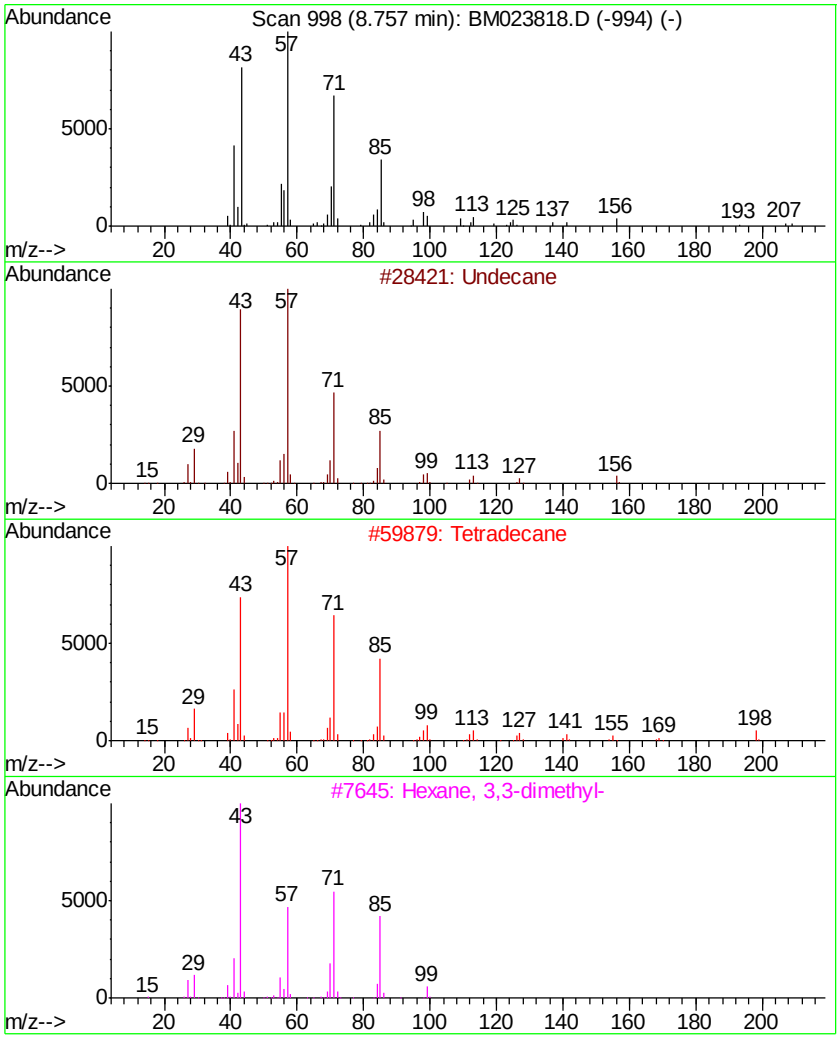
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

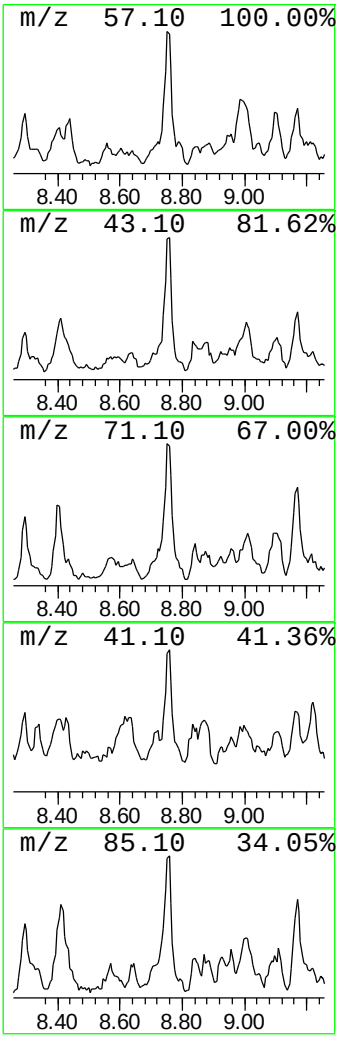
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	2.47 ng/ul	328411	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Tetradecane	198	C14H30	000629-59-4	72
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4	Undecane	156	C11H24	001120-21-4	58
5	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	53





Library Search Compound Report

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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

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

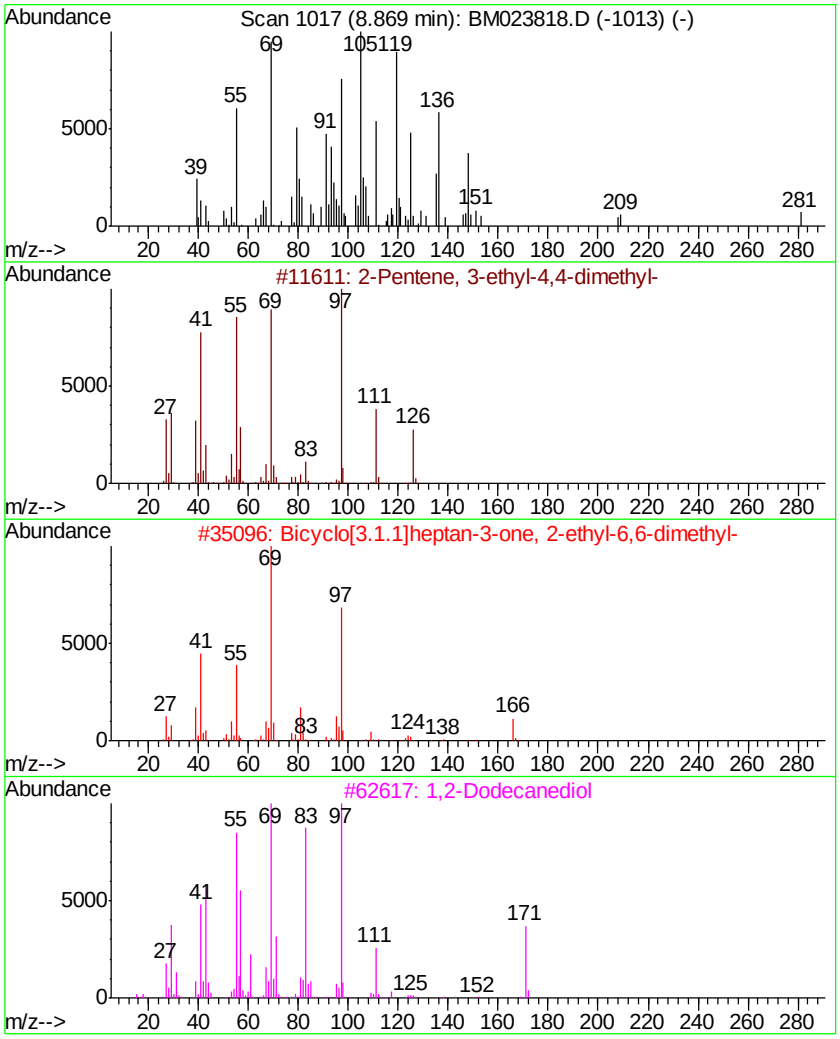
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

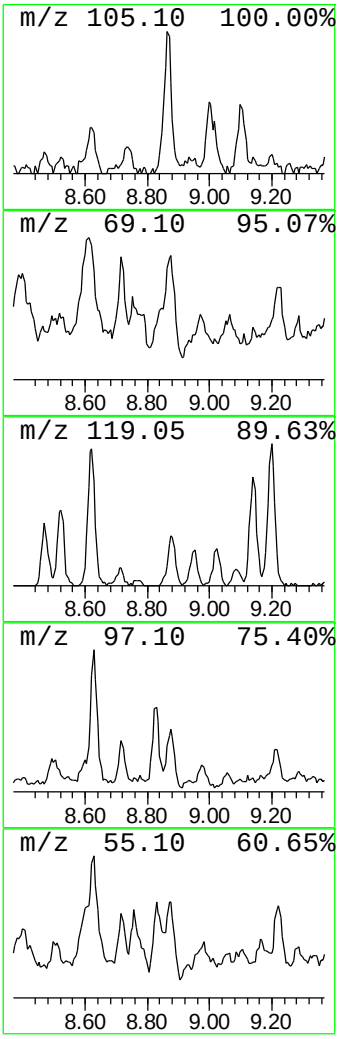
****

Peak Number 5 (DEL) Alkane: Cyclic8.87 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	2.16 ng/ul	287578	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	22
2	Bicyclo[3.1.1]heptan-3-one, 2-et...	166	C11H18O	1000163-95-8	22
3	1,2-Dodecanediol	202	C12H26O2	001119-87-5	22
4	4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	15
5	1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	15





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Acq On : 20 Nov 2019 04:30
Operator : JU
Sample : K5847-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

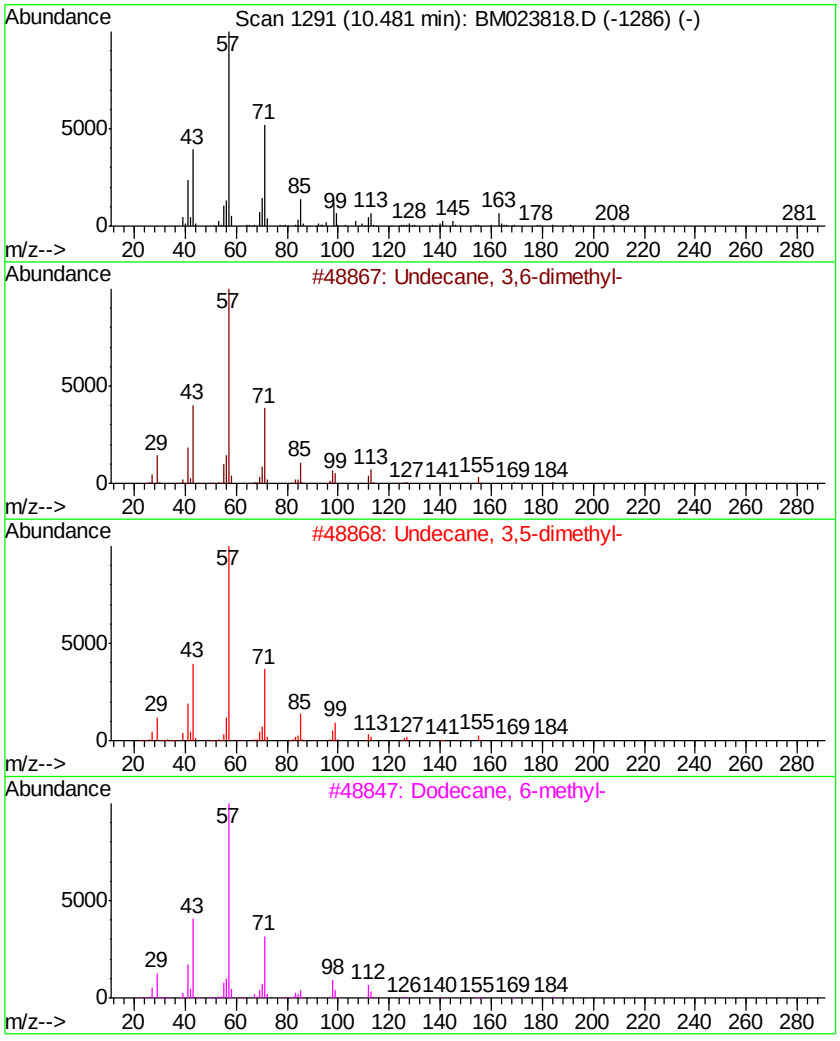
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

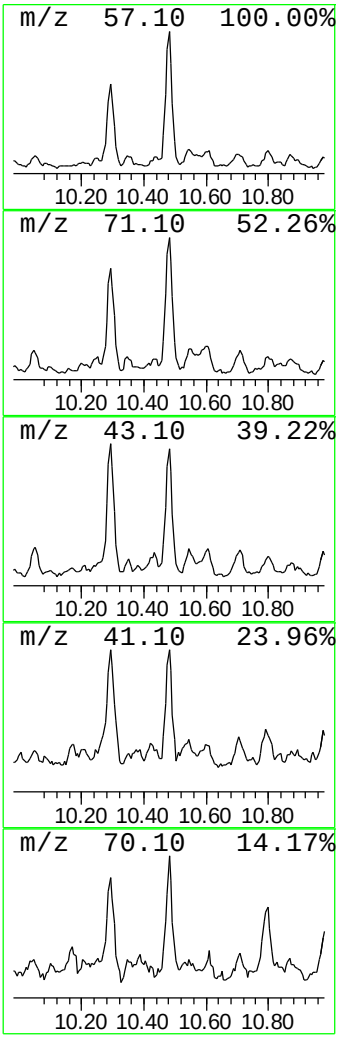
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	2.30 ng/ul	425568	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	95
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	83
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	70
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	62
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58





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Acq On : 20 Nov 2019 04:30
Operator : JU
Sample : K5847-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

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

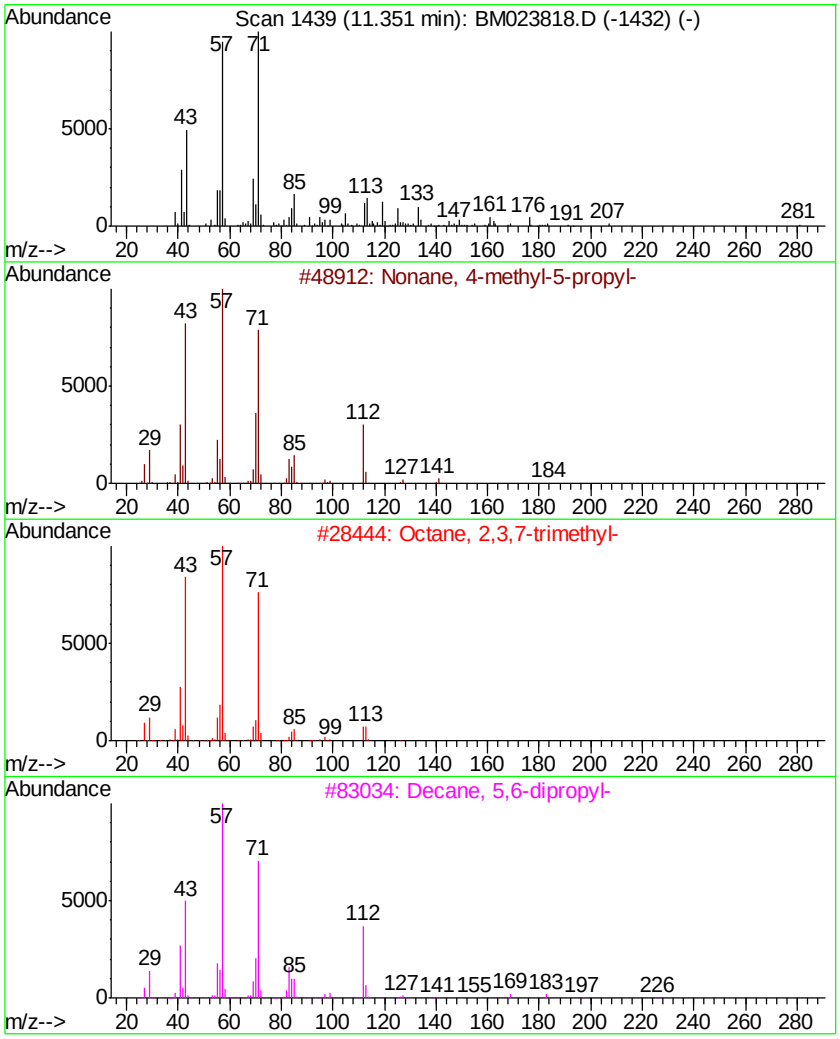
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

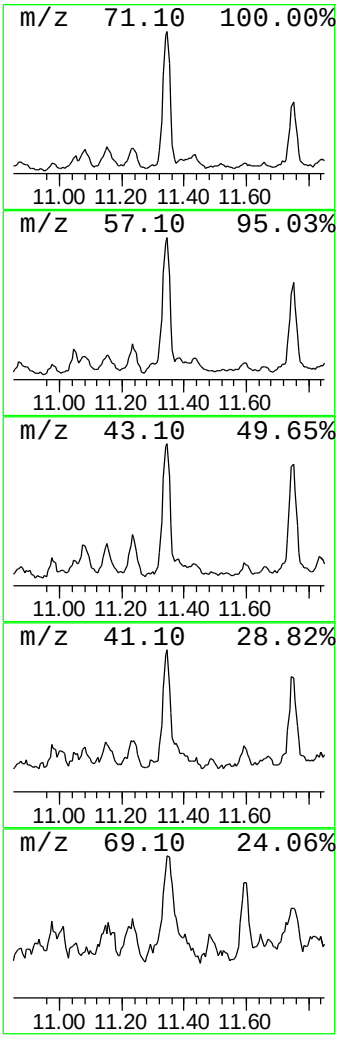
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	3.98 ng/ul	735861	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
2	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
3	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	64
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
5	Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	53





Library Search Compound Report

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Acq On : 20 Nov 2019 04:30
Operator : JU
Sample : K5847-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

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Quant Title : SVOA CALIBRATION

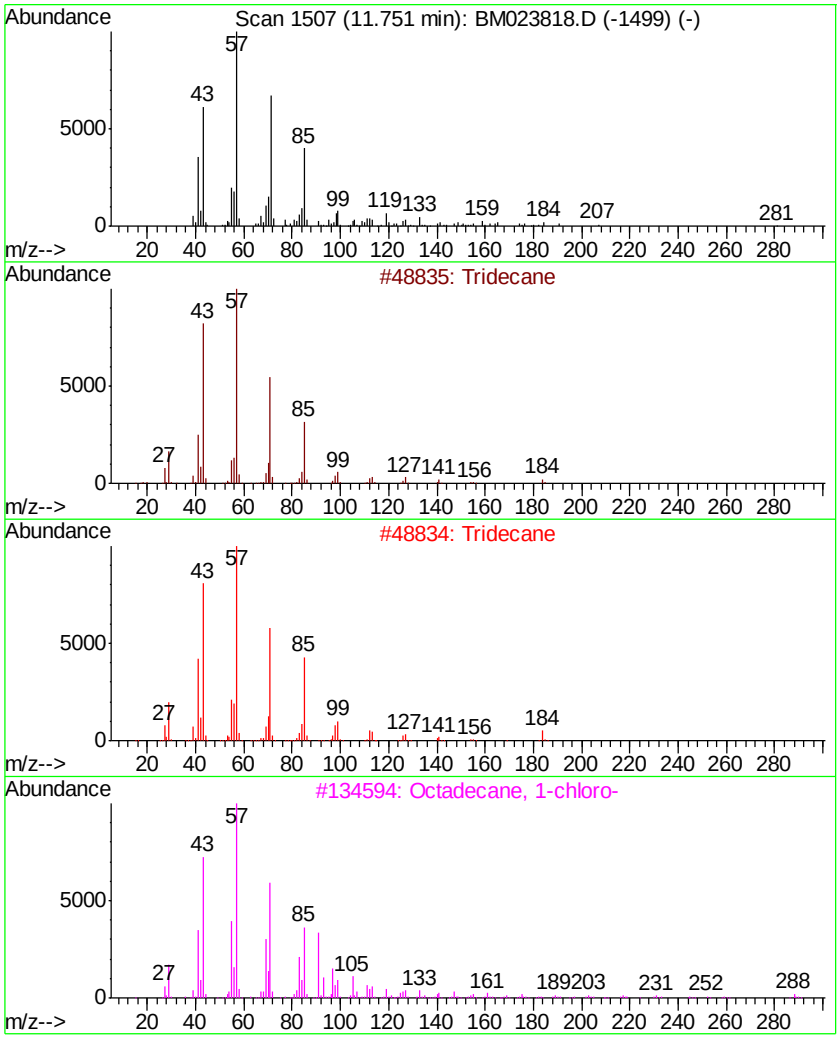
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

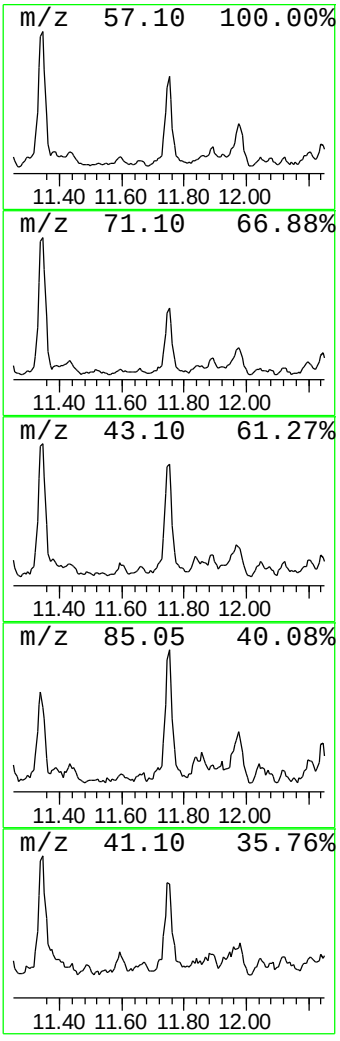
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	3.39 ng/ul	627364	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tridecane	184	C13H28	000629-50-5	83
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	83
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tridecane	184	C13H28	000629-50-5	76





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Acq On : 20 Nov 2019 04:30
Operator : JU
Sample : K5847-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

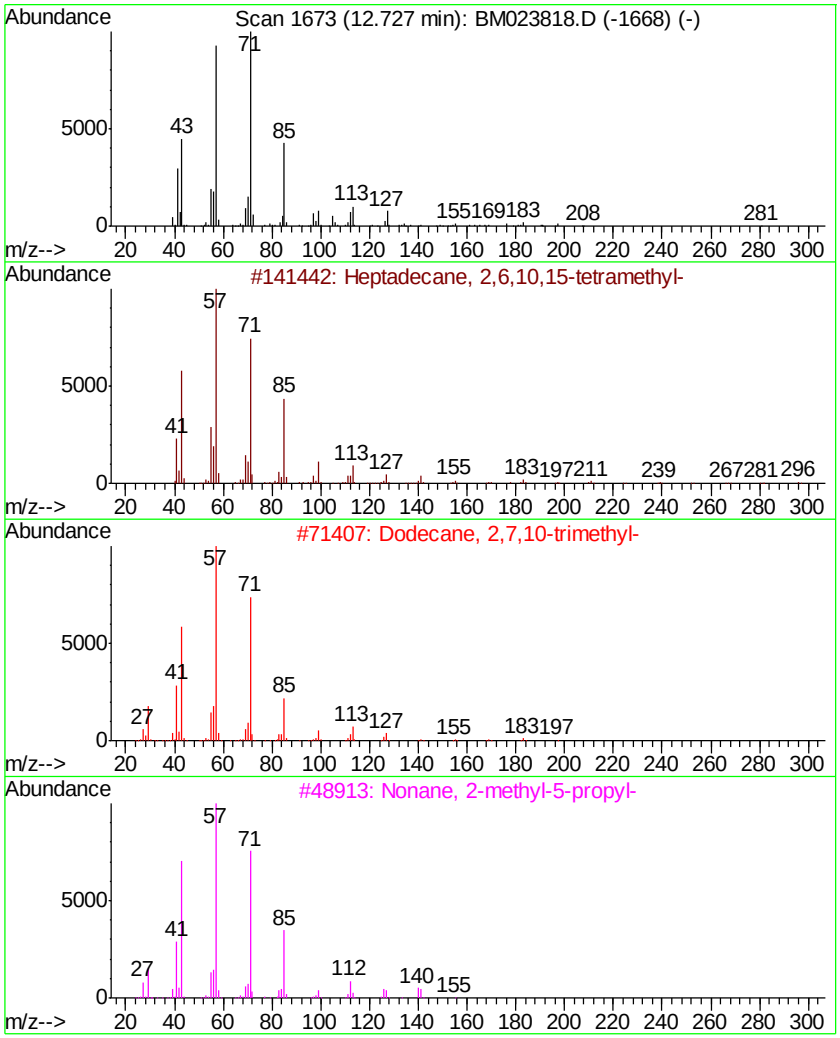
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

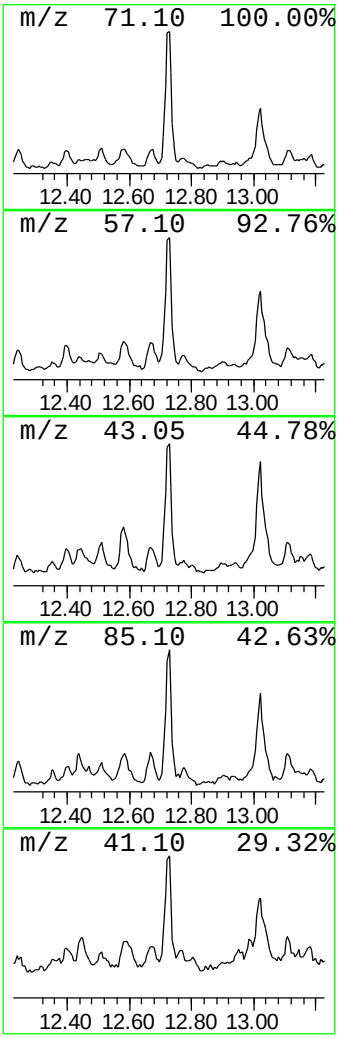
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	2.36 ng/ul	491978	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	78
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64





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Data File : BM023818.D
Acq On : 20 Nov 2019 04:30
Operator : JU
Sample : K5847-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

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

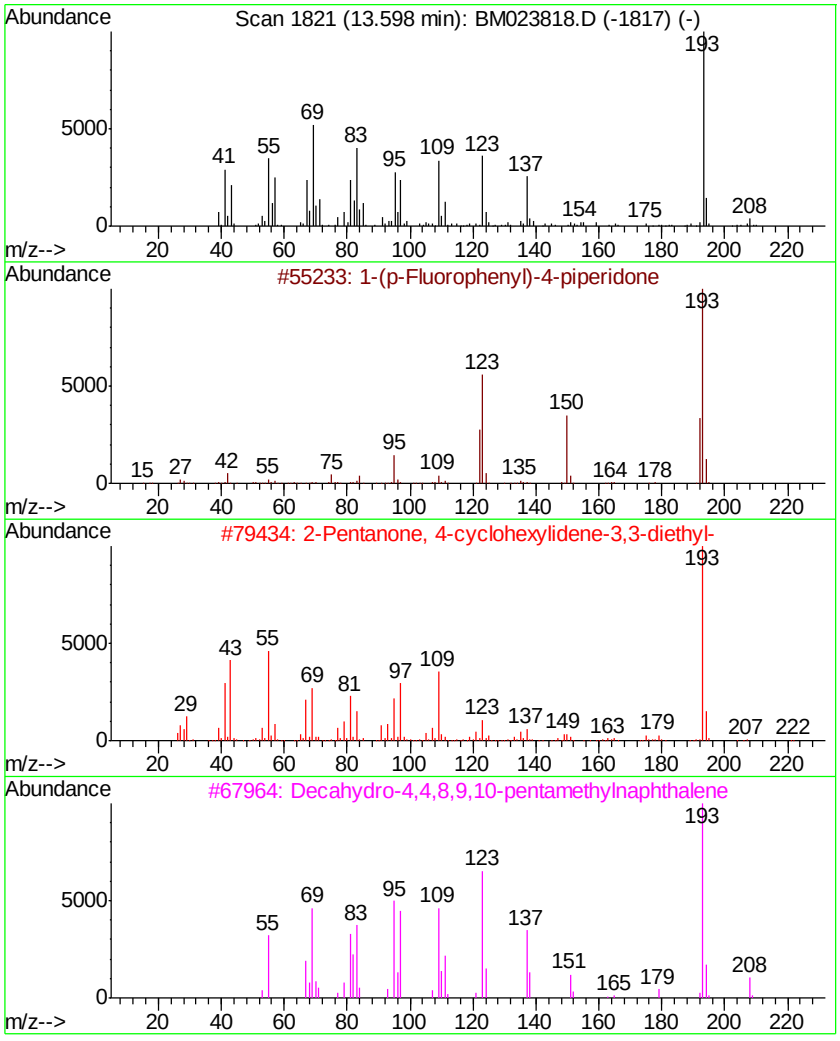
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

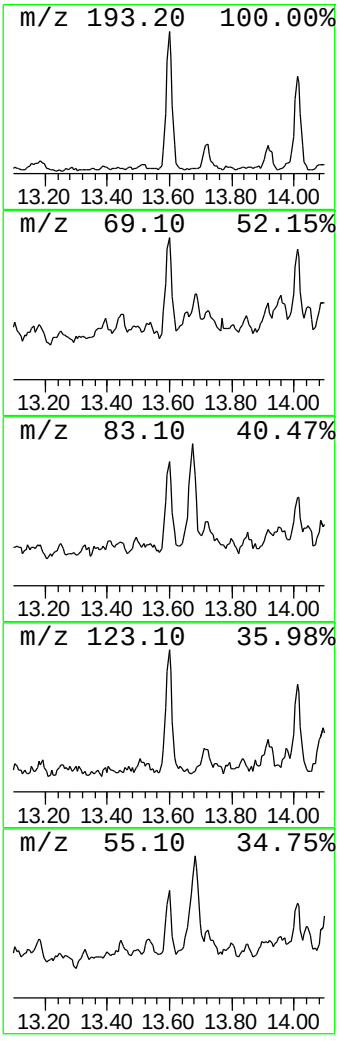
****

Peak Number 10 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	2.17 ng/ul	452626	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
3	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
4	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	27
5	Iminostilbene	193	C14H11N	000256-96-2	27





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Acq On : 20 Nov 2019 04:30
Operator : JU
Sample : K5847-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

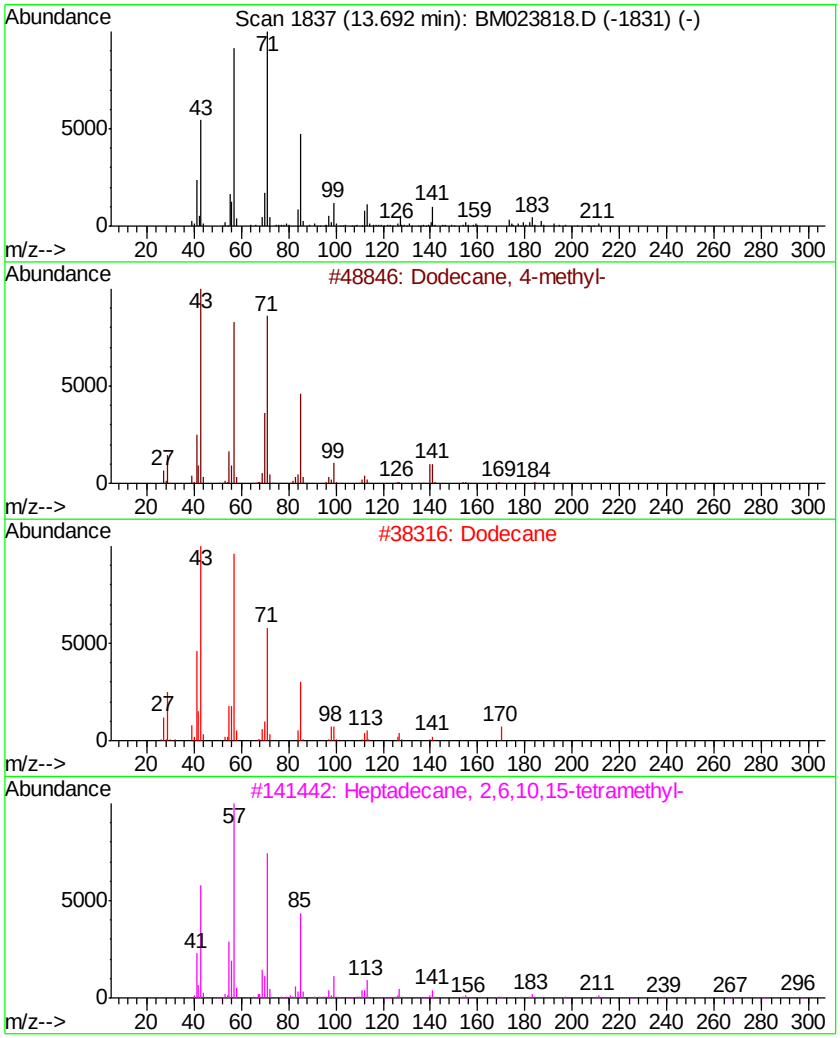
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

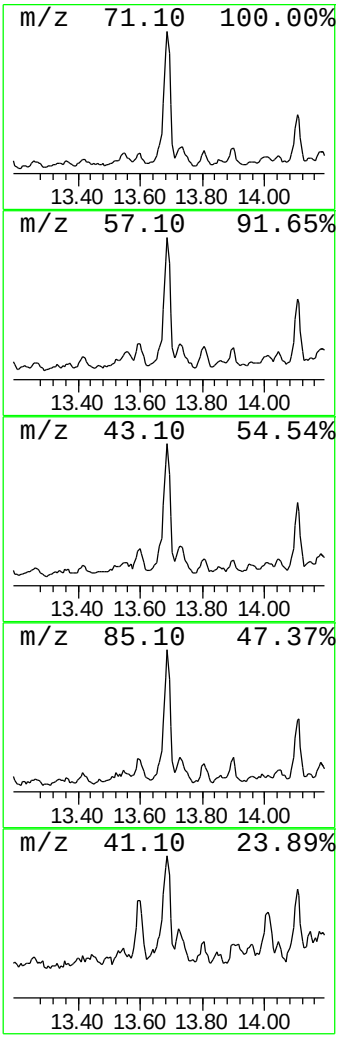
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	2.98 ng/ul	621220	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	80
2	Dodecane	170	C12H26	000112-40-3	78
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Decane, 5-propyl-	184	C13H28	017312-62-8	64
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64





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Acq On : 20 Nov 2019 04:30
Operator : JU
Sample : K5847-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

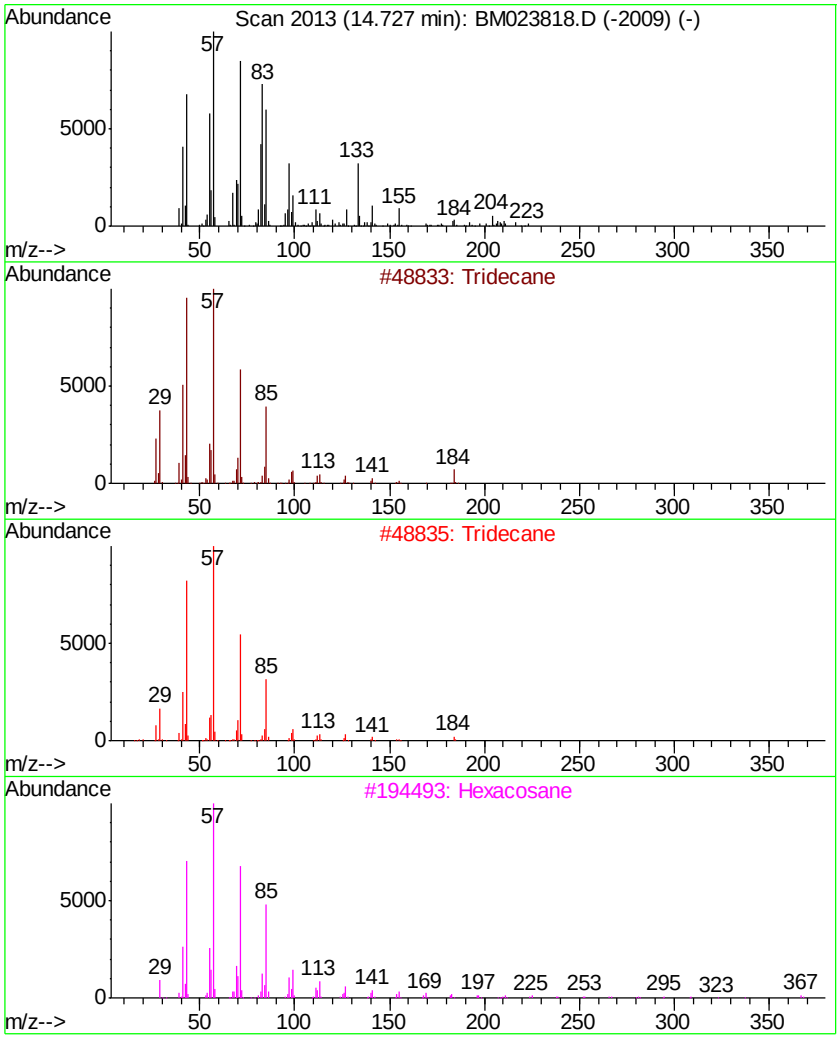
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

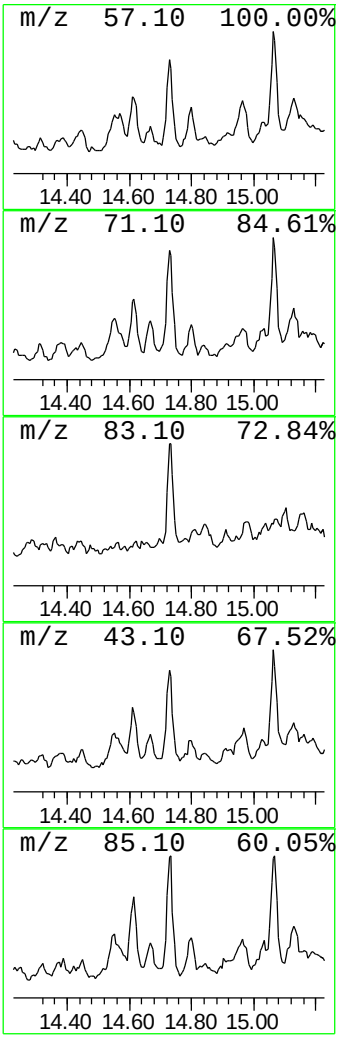
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.64 ng/ul	551327	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Tridecane	184	C13H28	000629-50-5	55
3	Hexacosane	366	C26H54	000630-01-3	49
4	Heptacosane	380	C27H56	000593-49-7	49
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	49





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Misc :
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Instrument : BNA_M
ClientSampleId : BFPW5

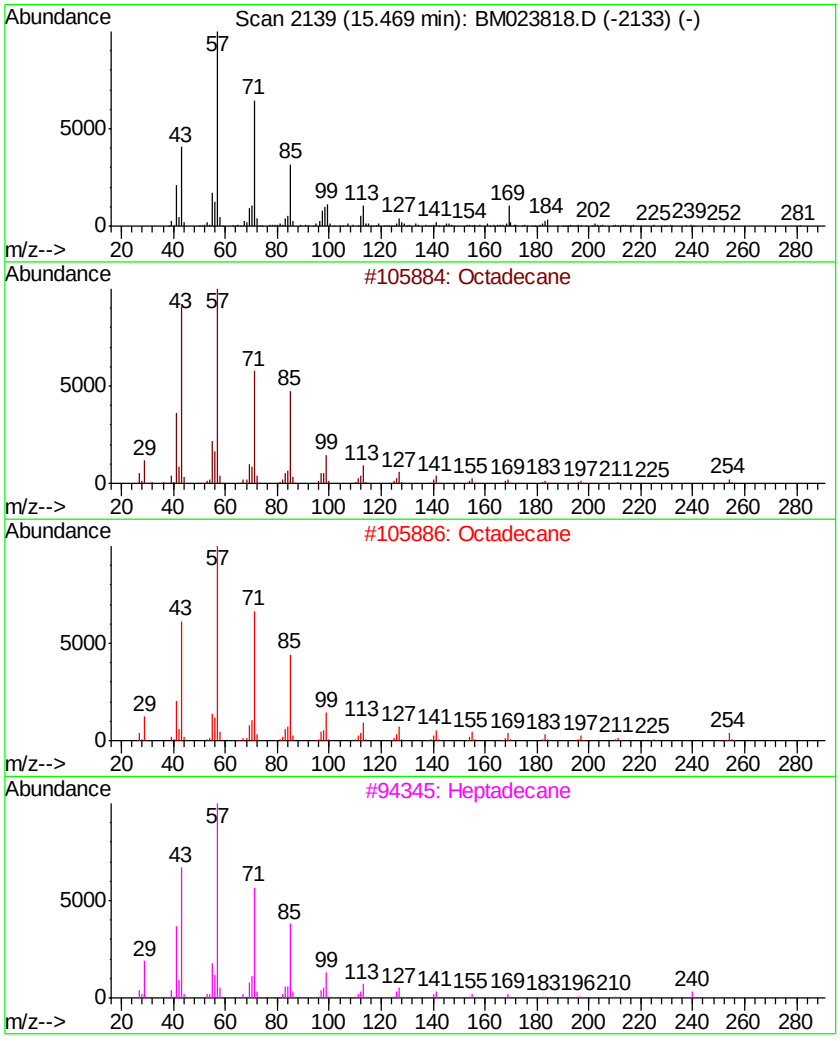
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

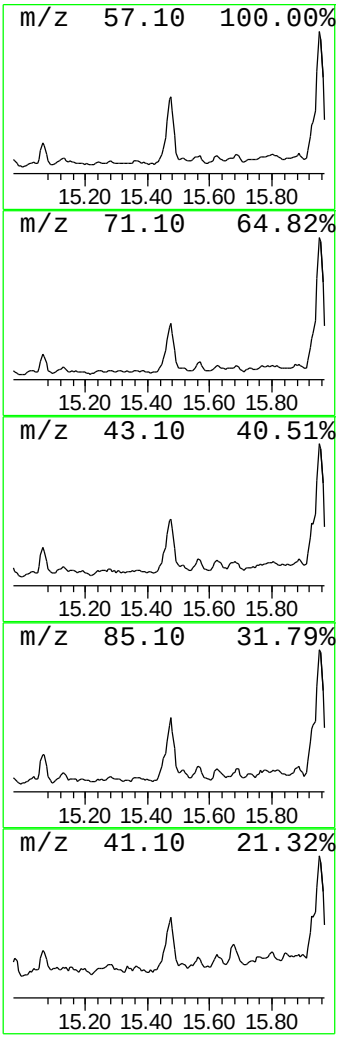
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	5.89 ng/ul	1228330	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	Octadecane	254	C18H38	000593-45-3	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

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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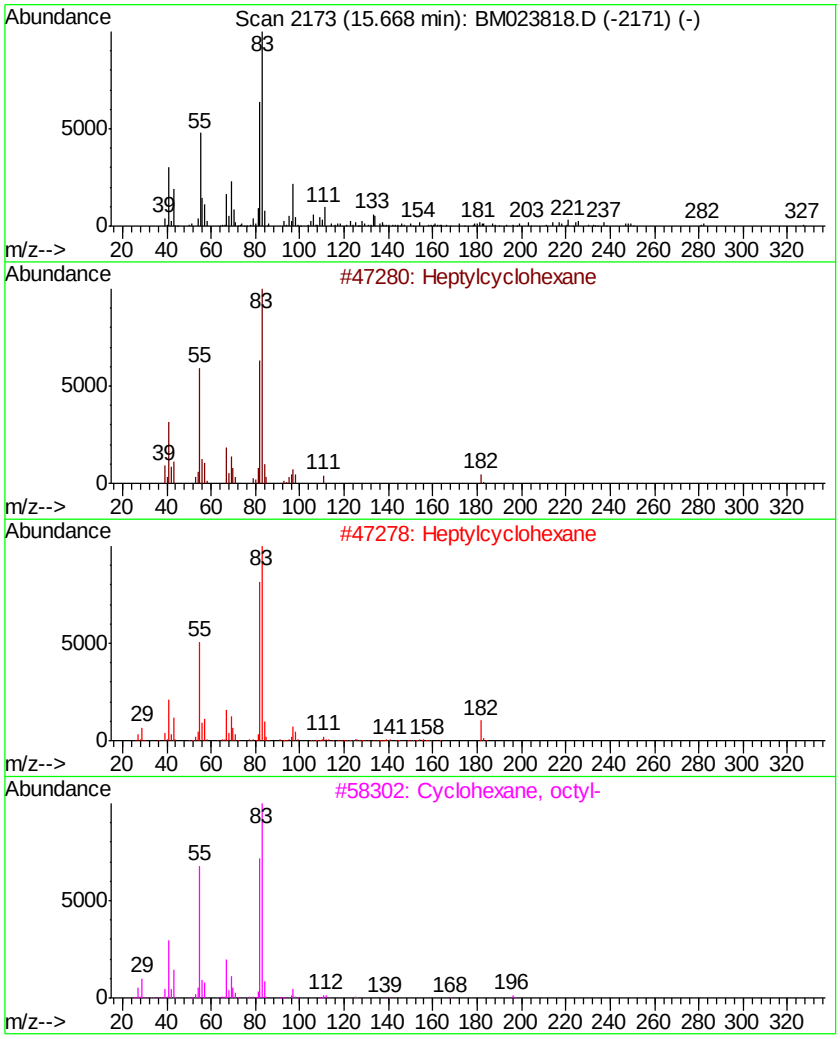
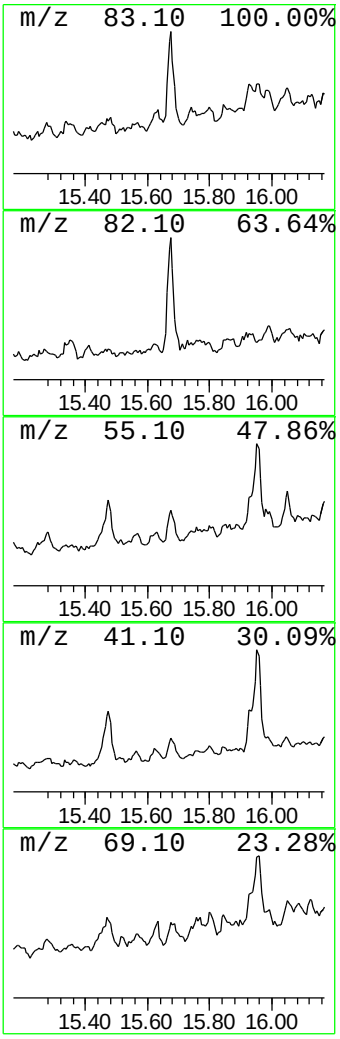
Peak Number 14 (DEL) Alkane: Cyclic15.67 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.41 ng/ul	449669	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	70
2	Heptylcyclohexane	182	C13H26	005617-41-4	58
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

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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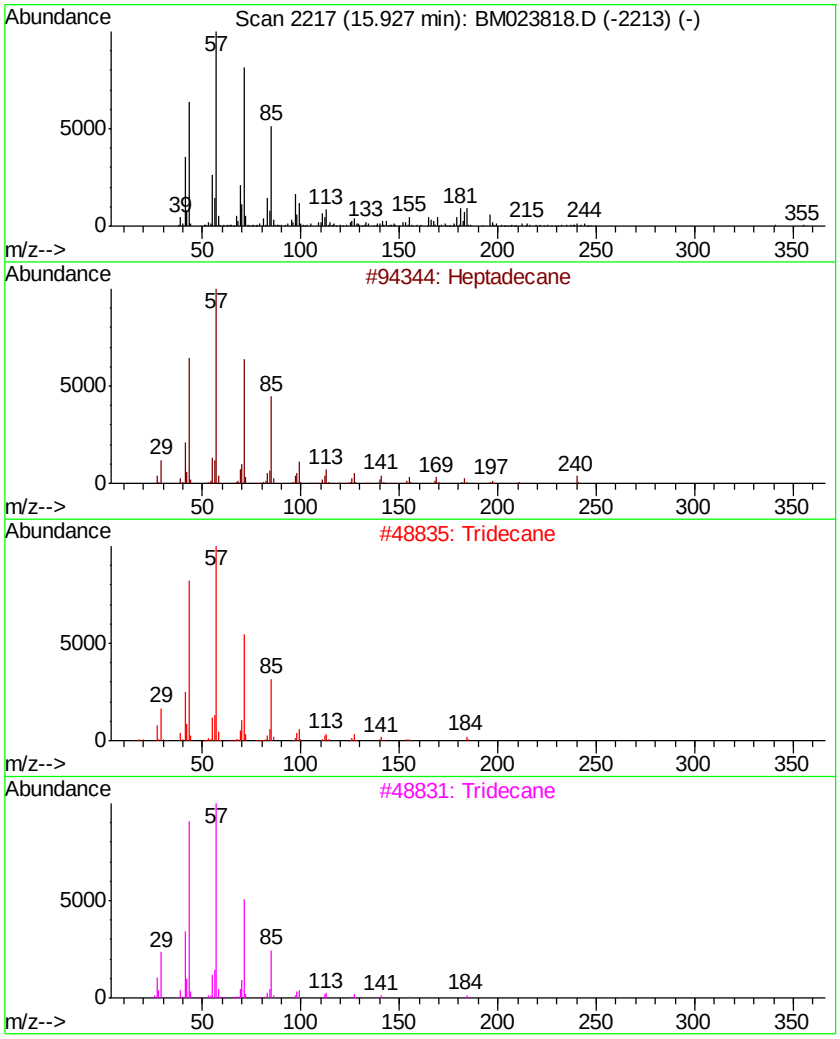
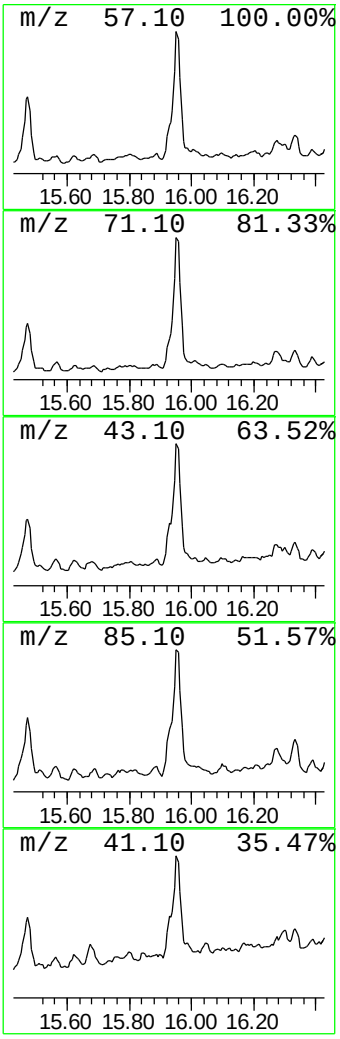
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	3.07 ng/ul	571259	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Tridecane	184	C13H28	000629-50-5	87
3	Tridecane	184	C13H28	000629-50-5	87
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	80





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Instrument : BNA_M
ClientSampleId : BFPW5

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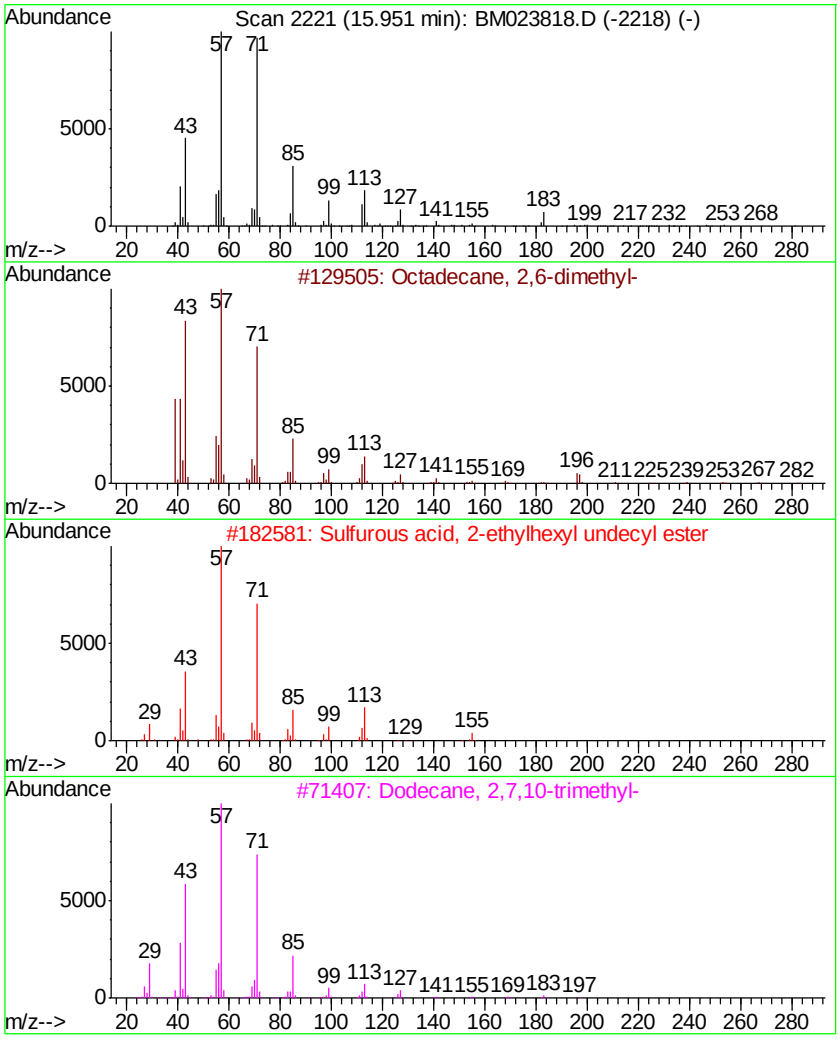
Quant Title : SVOA CALIBRATION

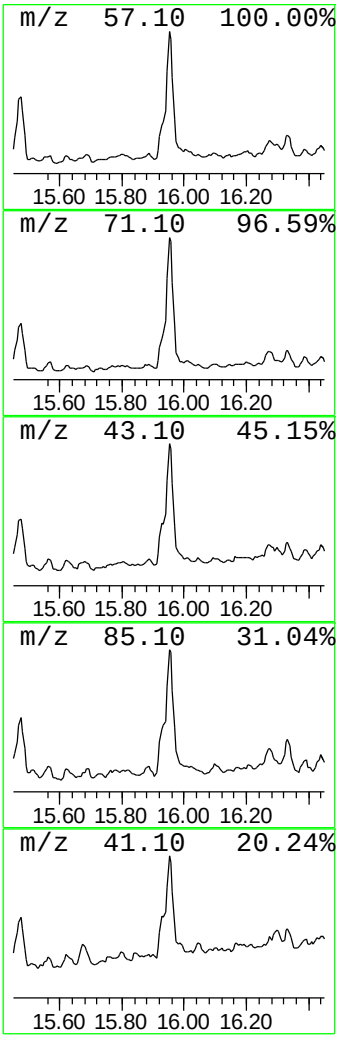
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	10.50 ng/ul	1956810	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	83
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

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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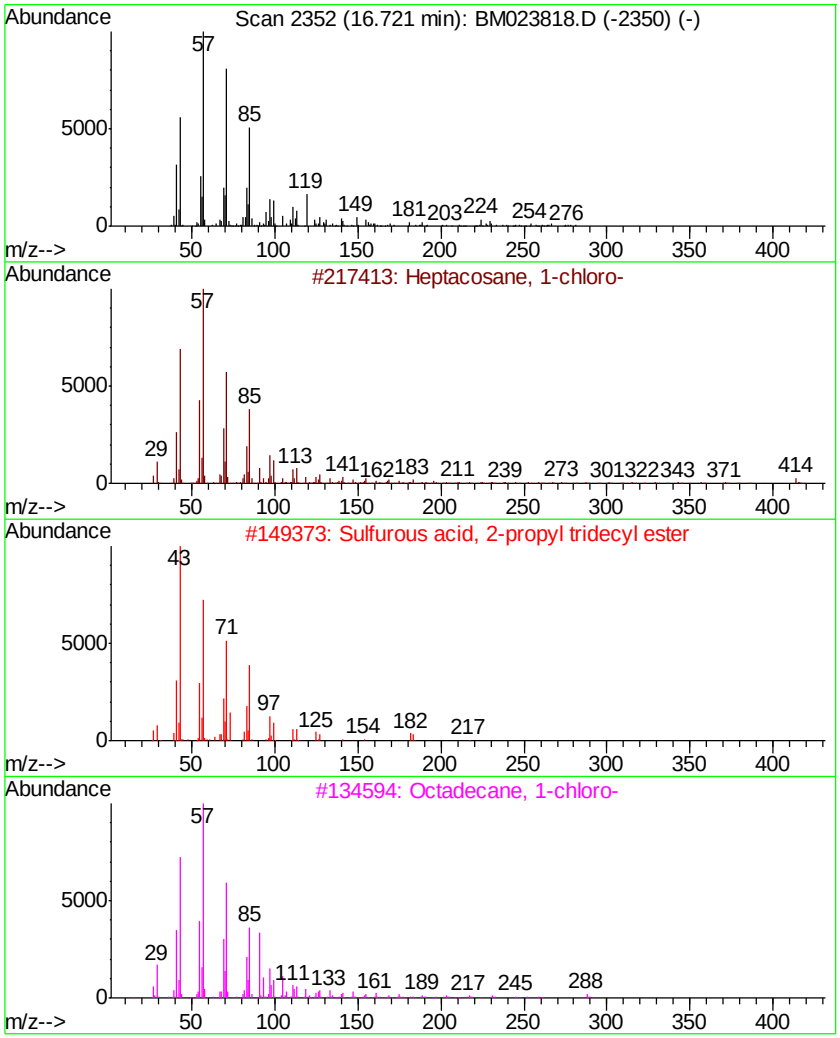
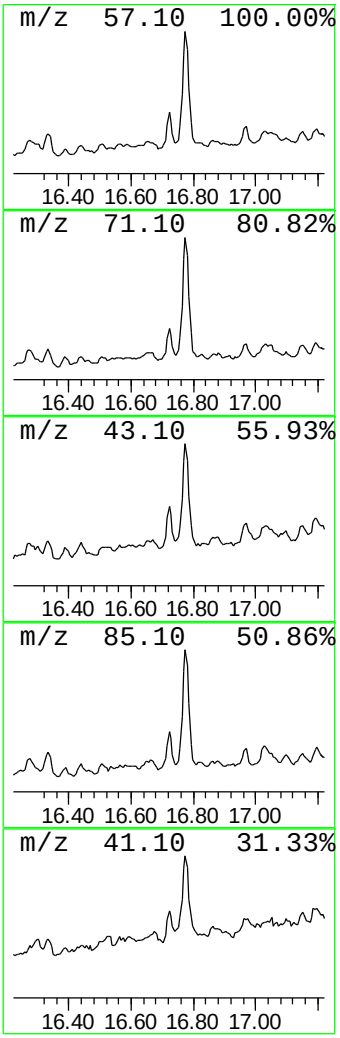
Peak Number 17 Heptacosane, 1-chloro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	2.10 ng/ul	390720	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
2	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	86
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	64
5	Heptadecane	240	C17H36	000629-78-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023818.D
Acq On : 20 Nov 2019 04:30
Operator : JU
Sample : K5847-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

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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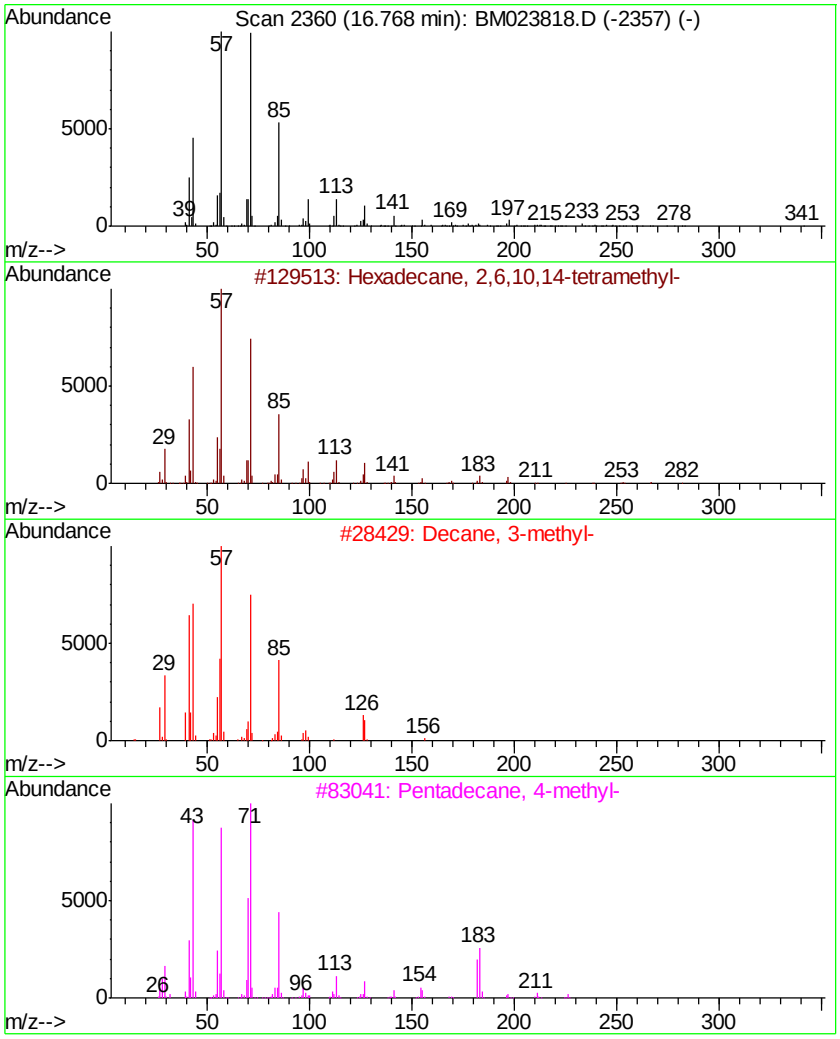
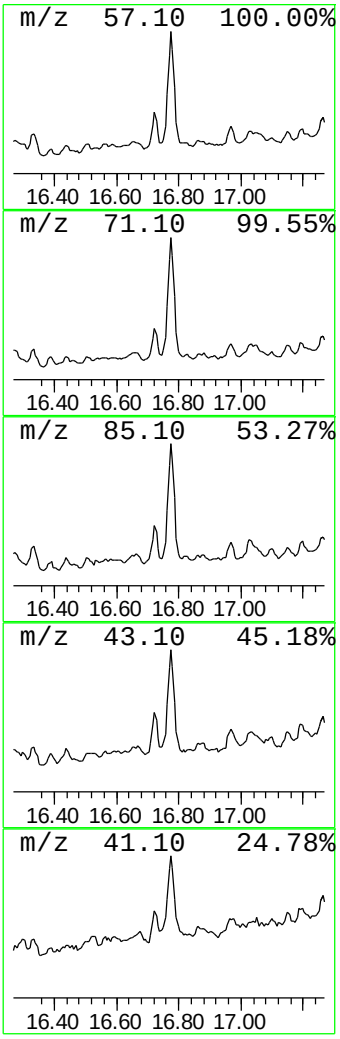
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	8.58 ng/ul	1599520	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2	Decane, 3-methyl-	156	C11H24	013151-34-3	87
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86
4	Tetradecane	198	C14H30	000629-59-4	72
5	Decane, 2-methyl-	156	C11H24	006975-98-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023818.D
Acq On : 20 Nov 2019 04:30
Operator : JU
Sample : K5847-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

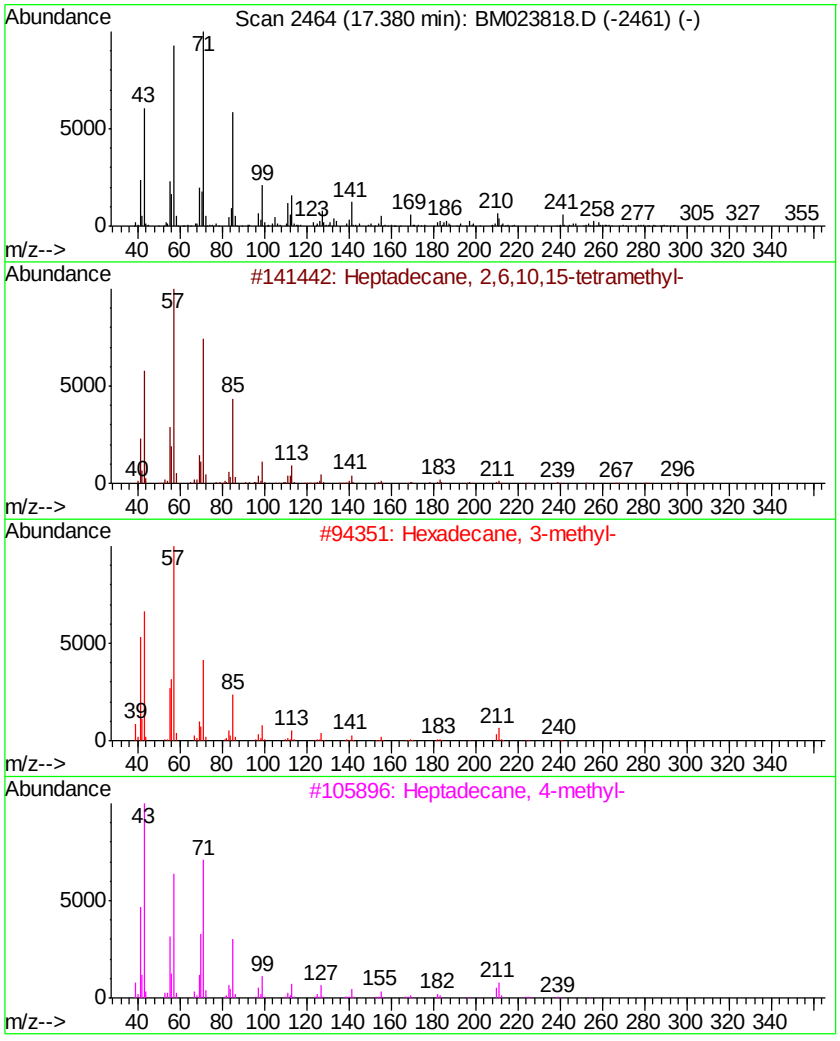
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

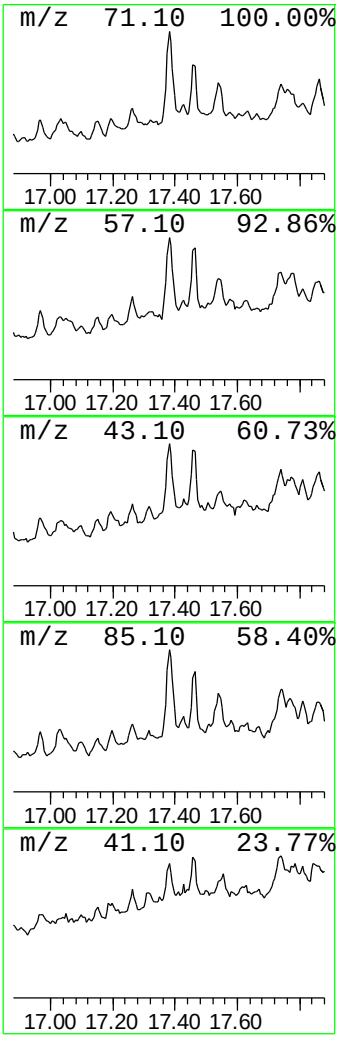
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	4.63 ng/ul	862374	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
3	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	87
4	Triacontane	422	C30H62	000638-68-6	86
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023818.D
Acq On : 20 Nov 2019 04:30
Operator : JU
Sample : K5847-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

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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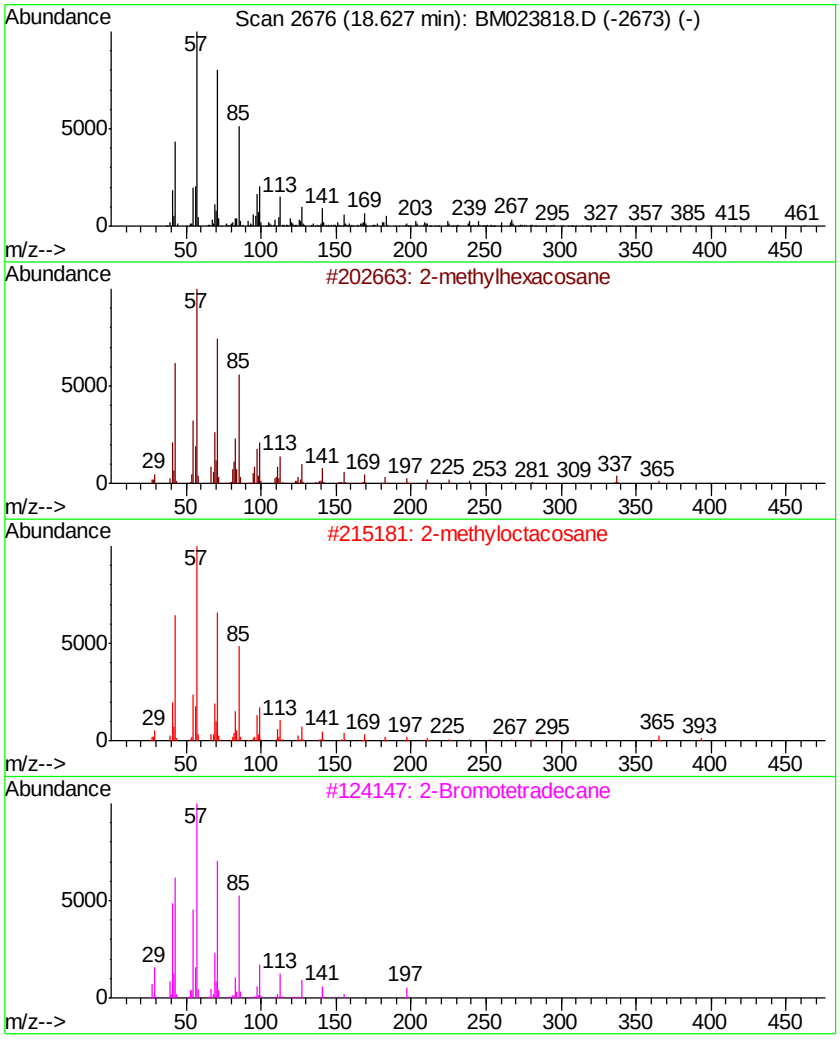
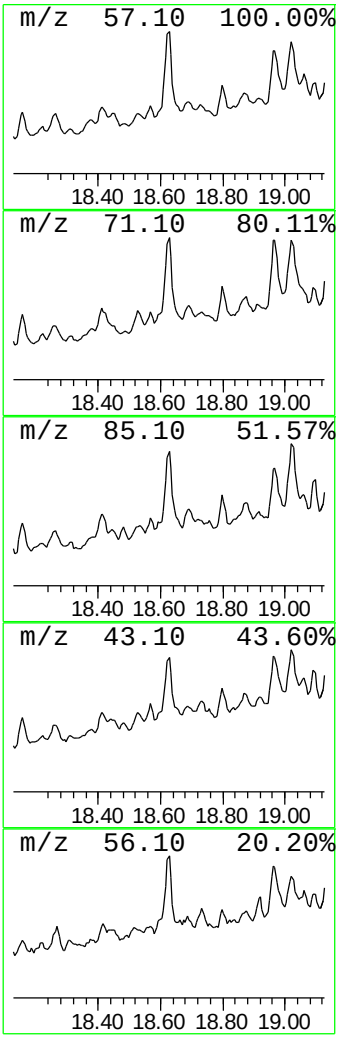
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	9.36 ng/ul	1745190	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methylhexacosane	380	C27H56	1000376-72-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111919\
Data File : BM023818.D
Acq On : 20 Nov 2019 04:30
Operator : JU
Sample : K5847-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW5

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	4.6	ng/ul	610007	1	7.52	2658260	20.0
(DEL) Alkane: Str...	8.06	2.6	ng/ul	344846	1	7.52	2658260	20.0
Benzene, 4-ethyl-...	8.62	2.9	ng/ul	388173	1	7.52	2658260	20.0
(DEL) Alkane: Str...	8.76	2.5	ng/ul	328411	1	7.52	2658260	20.0
(DEL) Alkane: Cyc...	8.87	2.2	ng/ul	287578	1	7.52	2658260	20.0
(DEL) Alkane: Str...	10.48	2.3	ng/ul	425568	2	10.29	3700220	20.0
(DEL) Alkane: Str...	11.35	4.0	ng/ul	735861	2	10.29	3700220	20.0
(DEL) Alkane: Str...	11.75	3.4	ng/ul	627364	2	10.29	3700220	20.0
(DEL) Alkane: Str...	12.73	2.4	ng/ul	491978	3	14.17	4173410	20.0
unknown-01	13.60	2.2	ng/ul	452626	3	14.17	4173410	20.0
(DEL) Alkane: Str...	13.69	3.0	ng/ul	621220	3	14.17	4173410	20.0
(DEL) Alkane: Str...	14.73	2.6	ng/ul	551327	3	14.17	4173410	20.0
(DEL) Alkane: Str...	15.47	5.9	ng/ul	1228330	3	14.17	4173410	20.0
(DEL) Alkane: Cyc...	15.67	2.4	ng/ul	449669	4	16.93	3727310	20.0
(DEL) Alkane: Str...	15.93	3.1	ng/ul	571259	4	16.93	3727310	20.0
(DEL) Alkane: Str...	15.95	10.5	ng/ul	1956810	4	16.93	3727310	20.0
Heptacosane, 1-ch...	16.72	2.1	ng/ul	390720	4	16.93	3727310	20.0
(DEL) Alkane: Str...	16.77	8.6	ng/ul	1599520	4	16.93	3727310	20.0
(DEL) Alkane: Str...	17.38	4.6	ng/ul	862374	4	16.93	3727310	20.0
(DEL) Alkane: Str...	18.63	9.4	ng/ul	1745190	4	16.93	3727310	20.0