LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

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-BM032219MA.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	4.769	298	303	308	rBV	161448	236946	9.11%	0.540%
2	5.428	408	415	422	rBV2	84750	162020	6.23%	0.369%
3	5.504	422	428	433	rVV3	72206	120642	4.64%	0.275%
4	5.569	434	439	446	rVB3	78446	172057	6.61%	0.392%
5	5.810	473	480	488	rBV5	85784	235319	9.04%	0.536%
6	5.928	494	500	507	rVB4	52513	109757	4.22%	0.250%
7	6.045	510	520	524	rBV6	63375	175337	6.74%	0.399%
8	6.087	524	527	531	rVV	131277	172462	6.63%	0.393%
9	6.175	538	542	557	rVB4	118398	327850	12.60%	0.747%
10	6.345	566	571	577	rVB3	64528	106767	4.10%	0.243%
11	6.522	597	601	606	rVB3	76306	115501	4.44%	0.263%
12	6.634	614	620	622	rBV3	80608	154999	5.96%	0.353%
13	6.669	622	626	634	rVB3	379584	645448	24.80%	1.470%
14	6.757	636	641	653	rBV2	307727	713842	27.43%	1.626%
15	6.851	653	657	662	rVB3	55805	98501	3.79%	0.224%
16	6.916	662	668	676	rBV2	354123	778406	29.91%	1.773%
17	7.016	681	685	693	rVB2	121296	200907	7.72%	0.458%
18	7.098	693	699	704	rBV	428992	762181	29.29%	1.736%
19	7.145	704	707	711	rVB	113442	129241	4.97%	0.294%
20	7.192	711	715	720	rVB	212710	305984	11.76%	0.697%
21	7.340	734	740	747	rVB4	87189	172068	6.61%	0.392%
22	7.439	747	757	762	rBV4	148496	379305	14.58%	0.864%
23	7.492	762	766	772	rVB	253790	372709	14.32%	0.849%
24	7.557	772	777	787	rVB	685436	1261335	48.47%	2.873%
25	7.657	787	794	798	rBV2	184417	369055	14.18%	0.841%
26	7.769	806	813	816	rBV3	91664	189494	7.28%	0.432%
27	7.804	816	819	826	rVV5	104403	201806	7.75%	0.460%
28	7.957	837	845	852	rVB7	50342	120429	4.63%	0.274%
29	8.075	852	865	875	rVB4	349669	892147	34.28%	2.032%
30	8.175	875	882	887	rBV	223442	364512	14.01%	0.830%
31	8.281	895	900	907	rBV	490930	836521	32.15%	1.906%
32	8.345	907	911	916	rBV2	78670	166962	6.42%	0.380%
33	8.486	928	935	940	rBV3	139274	286032	10.99%	0.652%
34	8.539	940	944	947	rVV	101421	142613	5.48%	0.325%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

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-BM032219MA.M
Title : SVOA CALIBRATION

35	8.616	947	957	966	rVV6	193579	717886	27.59%	1.635%
36	8.734	969	977	988	rVB4	616088	1515242	58.23%	3.452%
37	8.822	988	992	994	rBV2	116487	168649	6.48%	0.384%
38	8.869	994	1000	1006	rVB6	173861	423394	16.27%	0.964%
39	8.934	1007	1011	1013	rBV3	70799	99079	3.81%	0.226%
40	8.969	1013	1017	1024	rVB4	155626	285998	10.99%	0.651%
41	9.039	1024	1029	1034	rBV7	74298	175368	6.74%	0.399%
42	9.151	1044	1048	1053	rBV2	154714	218025	8.38%	0.497%
43	9.228	1055	1061	1066	rVV2	188391	369480	14.20%	0.842%
44	9.339	1075	1080	1084	rBV5	103158	194001	7.45%	0.442%
45	9.439	1092	1097	1102	rBV2	281162	502379	19.31%	1.144%
46	9.486	1102	1105	1109	rVV3	174960	252844	9.72%	0.576%
47	9.528	1109	1112	1119	rVB5	134073	214966	8.26%	0.490%
48	9.651	1129	1133	1137	rBV3	80870	107039	4.11%	0.244%
49	9.733	1142	1147	1154	rVB3	254630	449732	17.28%	1.024%
50	9.792	1154	1157	1161	rVB2	65856	96931	3.72%	0.221%
51	9.898	1168	1175	1180	rBV5	142416	359589	13.82%	0.819%
52	9.980	1184	1189	1195	rBV	357249	768910	29.55%	1.751%
53	10.092	1203	1208	1211	rBV6	55860	97764	3.76%	0.223%
54	10.275	1235	1239	1243	rBV	260568	413734	15.90%	0.942%
55	10.339	1245	1250	1255	rVV	766069	1310542	50.36%	2.985%
56	10.380	1255	1257	1262	rVV2	115286	160891	6.18%	0.366%
57	10.457	1262	1270	1275	rVB3	208275	434620	16.70%	0.990%
58	10.516	1275	1280	1290	rBV4	164429	458682	17.63%	1.045%
59	10.692	1305	1310	1312	rBV3	72666	122777	4.72%	0.280%
60	10.786	1321	1326	1332	rVB	216742	357567	13.74%	0.814%
61	11.216	1396	1399	1407	rVB8	89327	180213	6.93%	0.411%
62	11.322	1413	1417	1420	rBV	194551	305158	11.73%	0.695%
63	11.492	1444	1446	1455	rVB2	83504	141585	5.44%	0.323%
64	11.580	1457	1461	1466	rVB2	155574	253854	9.75%	0.578%
65	11.733	1482	1487	1492	rBV2	177782	288242	11.08%	0.657%
66	11.957	1523	1525	1529	rVB3	91207	111133	4.27%	0.253%
67	12.016	1530	1535	1538	rBV	112660	180797	6.95%	0.412%
68	12.233	1569	1572	1580	rVB	108355	191295	7.35%	0.436%
69	12.380	1592	1597	1601	rBV5	79220	126786	4.87%	0.289%
70	12.610	1632	1636	1641	rVB2	77079	119062	4.58%	0.271%
71	12.710	1648	1653	1658	rVB2	167857	255144	9.80%	0.581%

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Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

72	13.004	1701	1703	1710	rVB	110848	148007	5.69%	0.337%
73	13.398	1762	1770	1774	rBV4	101557	226570	8.71%	0.516%
74	13.533	1788	1793	1798	rBV	93853	173278	6.66%	0.395%
75	13.592	1798	1803	1807	rBV2	106293	192207	7.39%	0.438%
76	13.639	1807	1811	1816	rBV	705635	1020046	39.20%	2.324%
77	13.916	1852	1858	1869	rVB	790366	1308499	50.28%	2.981%
78	14.027	1872	1877	1883	rVB5	67873	124985	4.80%	0.285%
79	14.098	1885	1889	1894	rVB	99898	133642	5.14%	0.304%
80	14.221	1904	1910	1916	rVB2	1182395	1777272	68.30%	4.048%
81	14.510	1954	1959	1969	rBV4	119903	343752	13.21%	0.783%
82	14.610	1972	1976	1980	rVV5	63311	144441	5.55%	0.329%
83	14.651	1981	1983	1987	rVV2	79324	97426	3.74%	0.222%
84	14.698	1988	1991	1999	rVB4	76529	161669	6.21%	0.368%
85	15.057	2049	2052	2056	rVB2	91577	100790	3.87%	0.230%
86	15.227	2075	2081	2086	rBV	1015888	1542256	59.26%	3.513%
87	15.463	2117	2121	2129	rVB4	105784	193697	7.44%	0.441%
88	15.945	2196	2203	2210	rBV2	318319	613699	23.58%	1.398%
89	16.721	2332	2335	2338	rVB2	100132	125128	4.81%	0.285%
90	16.768	2338	2343	2347	rBV	277888	423403	16.27%	0.964%
91	16.986	2375	2380	2385	rBV	1400129	1953317	75.06%	4.449%
92	17.086	2392	2397	2403	rVB	1040003	1467336	56.39%	3.342%
93	17.568	2476	2479	2483	rVB2	209739	270411	10.39%	0.616%
94	17.780	2513	2515	2519	rVB2	189404	195373	7.51%	0.445%
95	17.880	2526	2532	2535	rBV2	509936	822302	31.60%	1.873%
96	18.262	2594	2597	2602	rVB	172155	219667	8.44%	0.500%
97	18.792	2684	2687	2694	rBV5	312733	651079	25.02%	1.483%
98	19.398	2785	2790	2794	rBV	1452207	2167745	83.30%	4.938%
99	19.768	2850	2853	2860	rVB	663115	791421	30.41%	1.803%
100	21.203	3093	3097	3103	rBV	2053770	2602314	100.00%	5.928%

Sum of corrected areas: 43900245

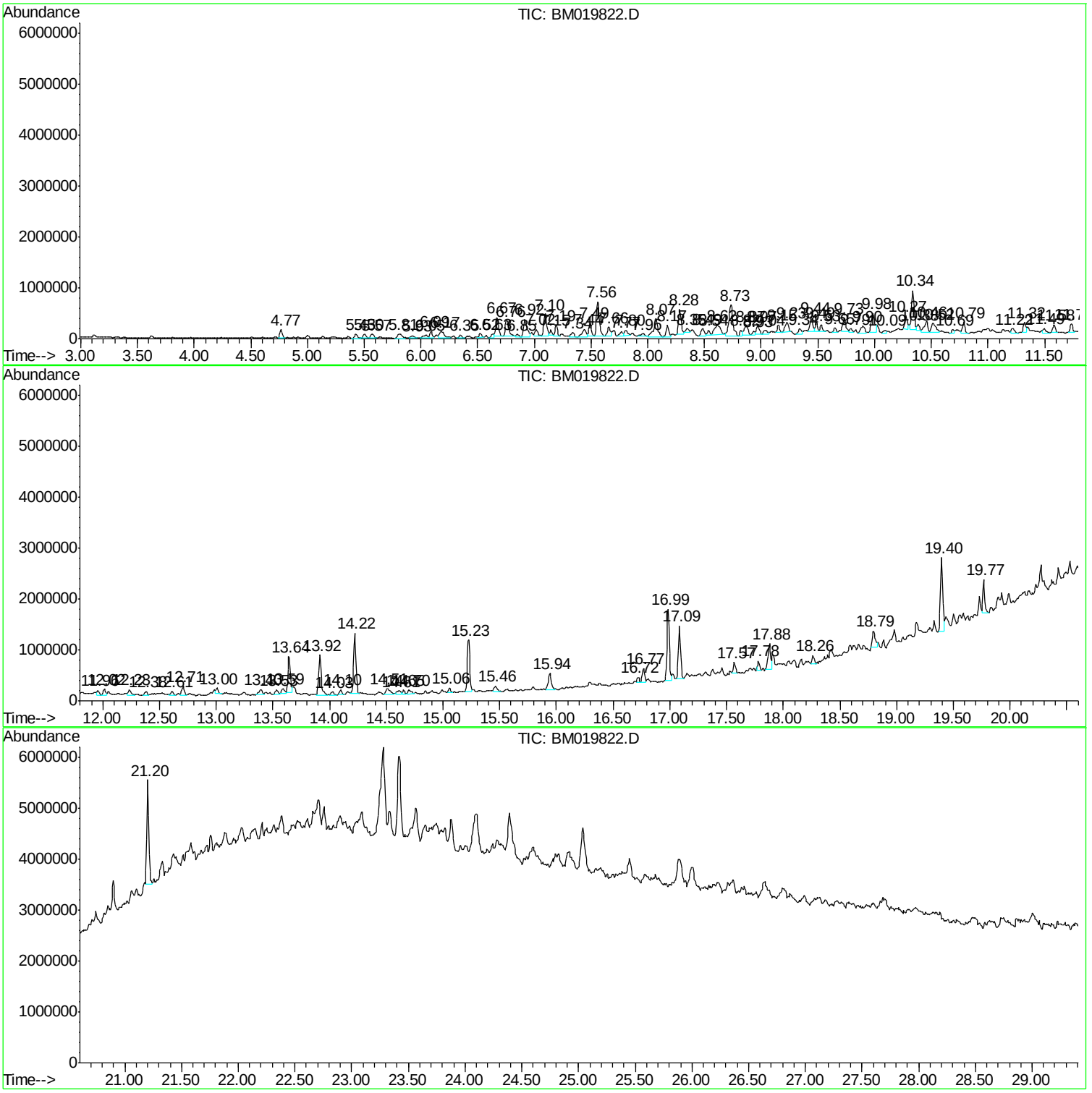
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
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Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

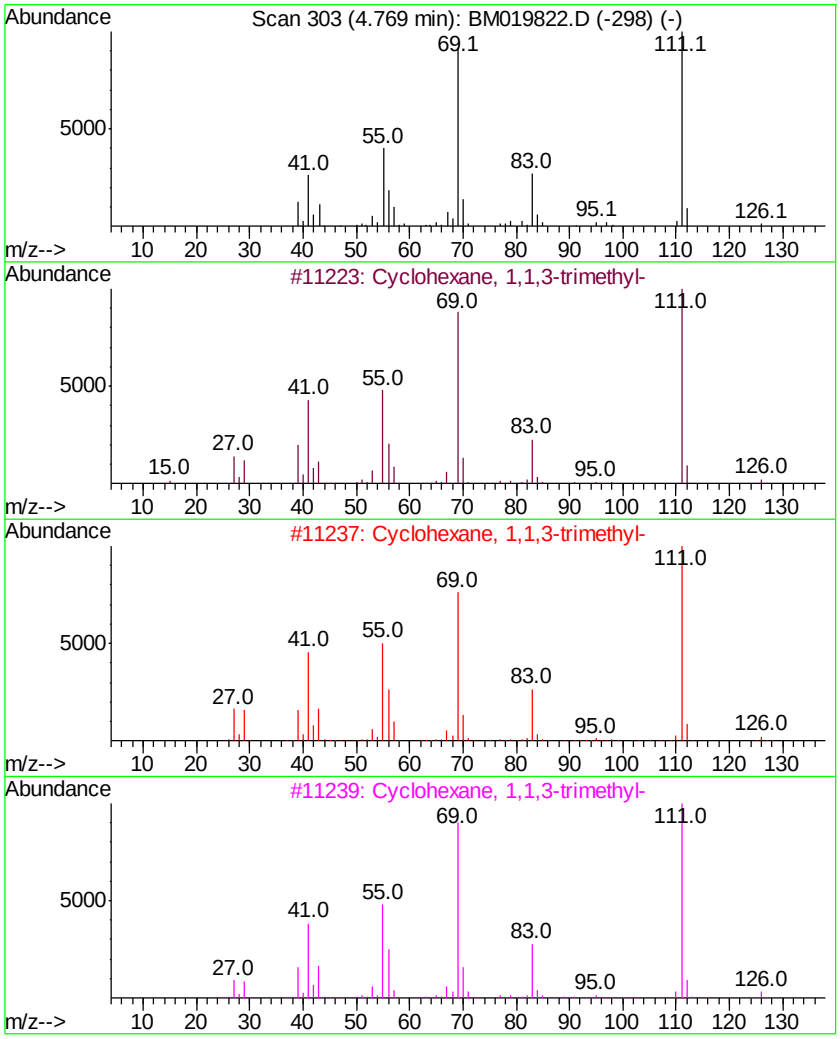
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

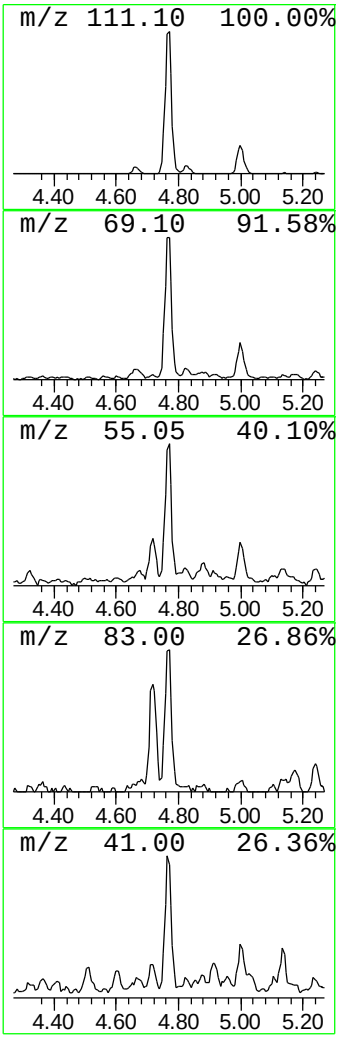
****

Peak Number 1 (DEL) Alkane: Cyclic4.77 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	3.76 ng/ul	236946	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
4	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	78
5	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019822.D
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Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

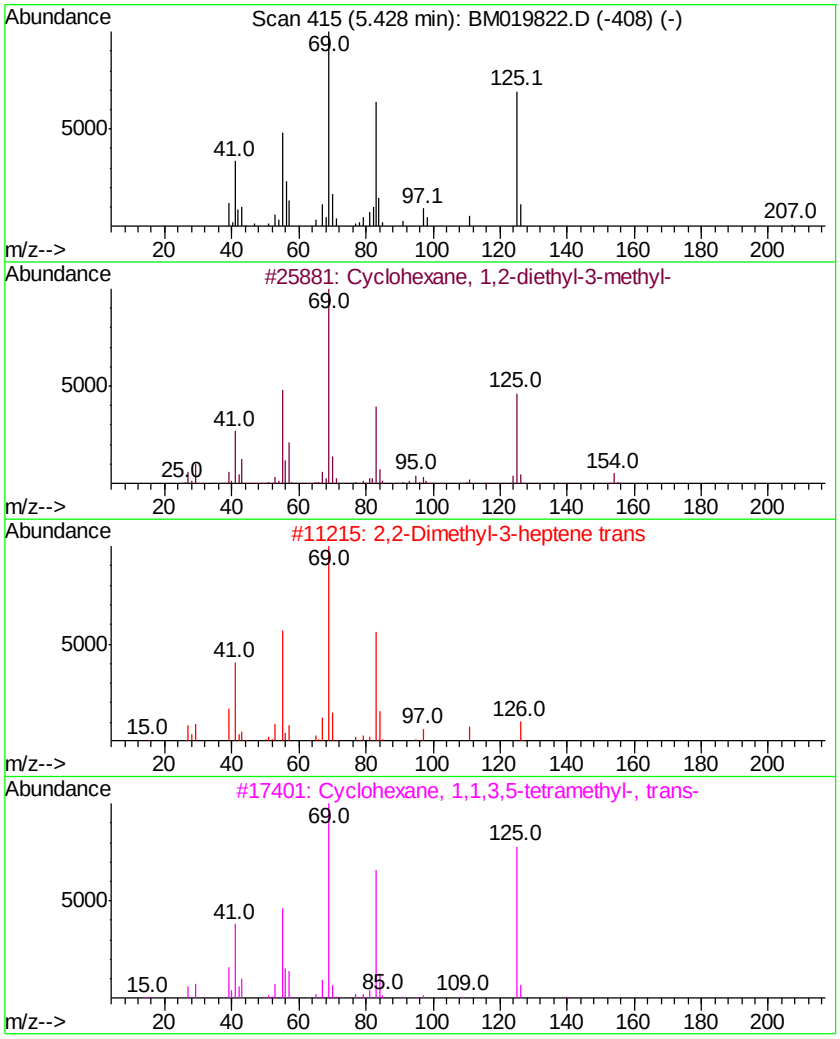
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

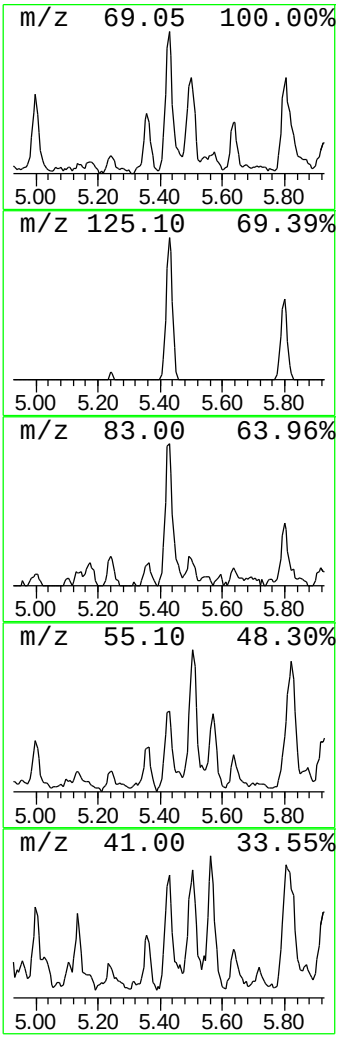
****

Peak Number 2 (DEL) Alkane: Cyclic5.43 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	2.57 ng/ul	162020	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	78
2	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	64
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	64
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	64
5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	64





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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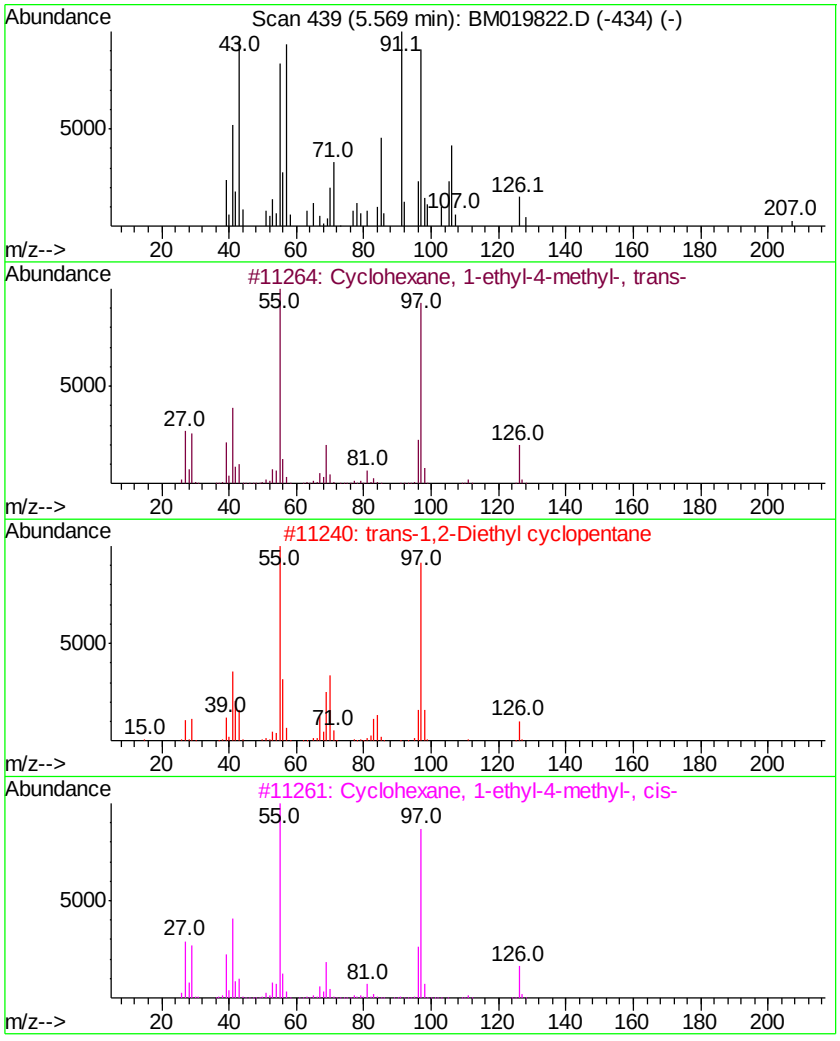
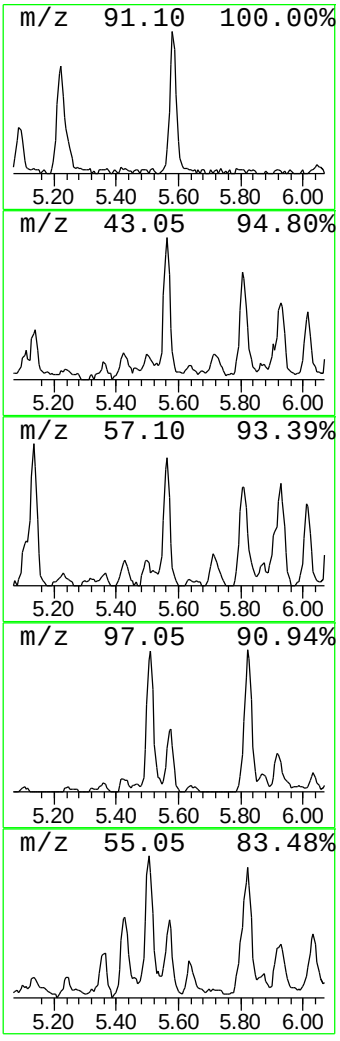
Peak Number 3 (DEL) Alkane: Cyclic5.57 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	2.73 ng/ul	172057	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	38
2	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	38
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	38
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	38
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	38





Library Search Compound Report

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Acq On : 09 Apr 2019 08:22
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

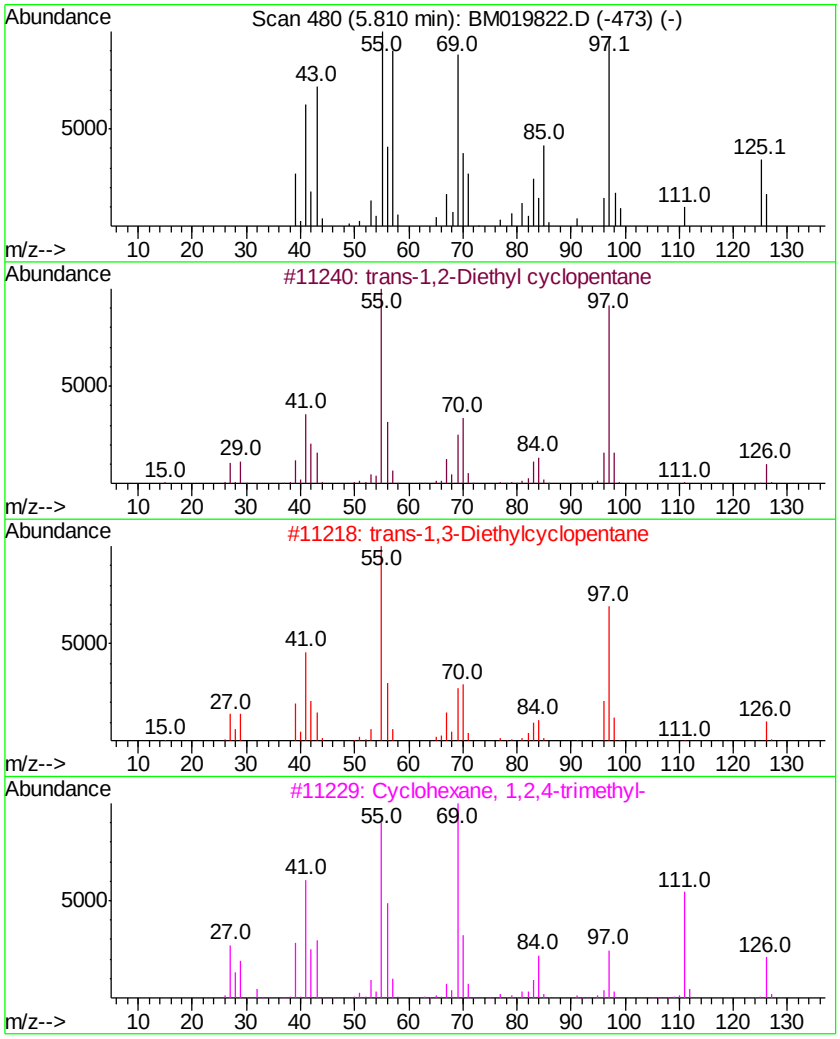
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

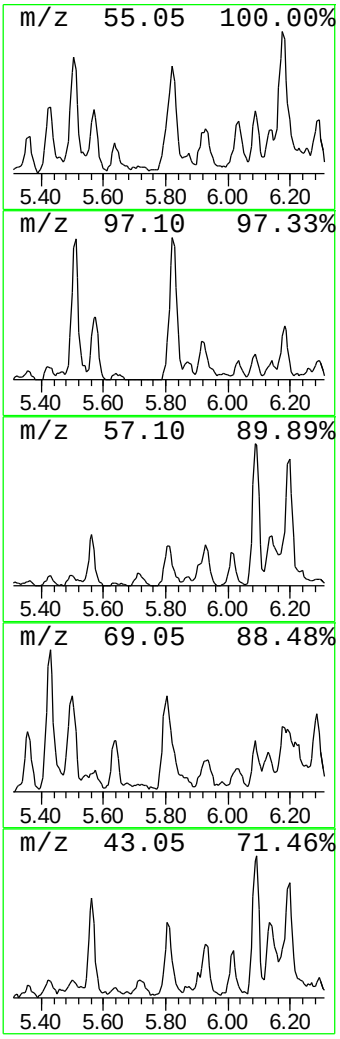
****

Peak Number 4 (DEL) Alkane: Cyclic5.81 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	3.73 ng/ul	235319	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	42
2	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	38
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
4	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	30
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	30





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

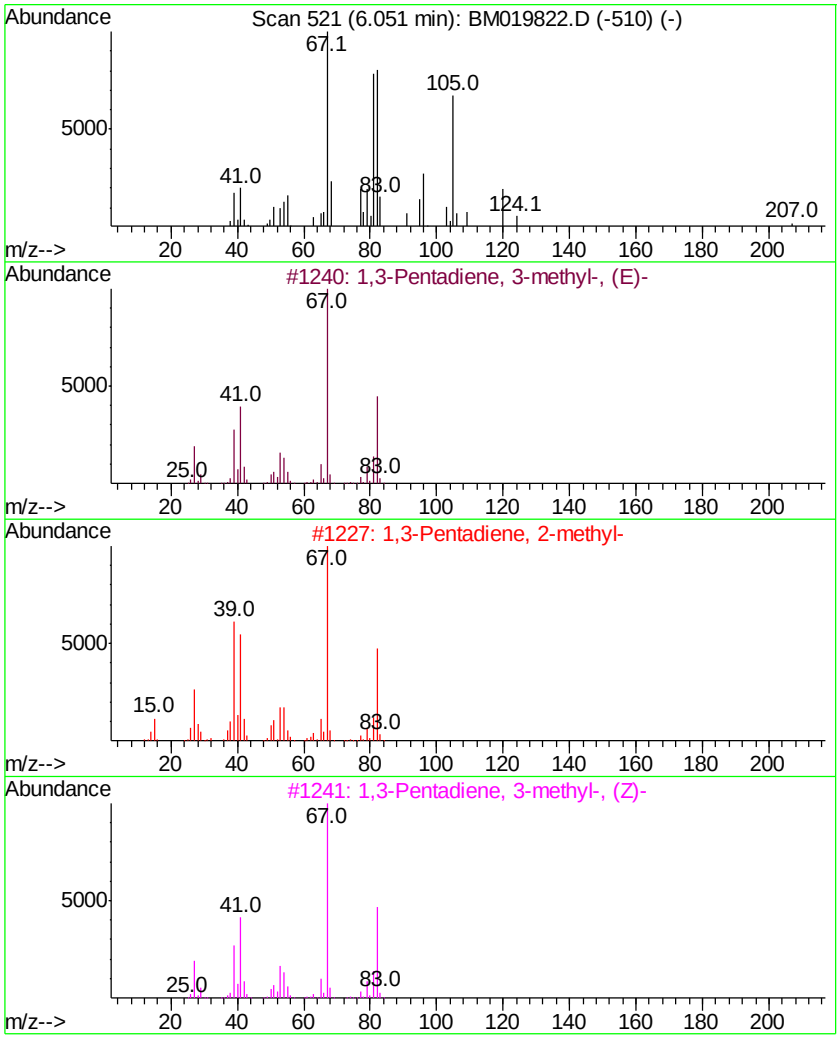
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

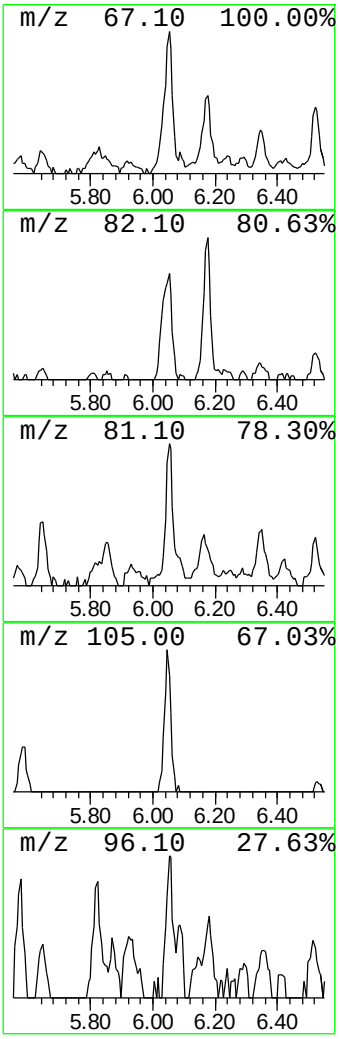
****

Peak Number 5 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	2.78 ng/ul	175337	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene, 3-methyl-, (E)-	82	C6H10	002787-43-1	38
2	1,3-Pentadiene, 2-methyl-	82	C6H10	001118-58-7	35
3	1,3-Pentadiene, 3-methyl-, (Z)-	82	C6H10	002787-45-3	35
4	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	35
5	2,4-Hexadiene	82	C6H10	000592-46-1	35





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Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

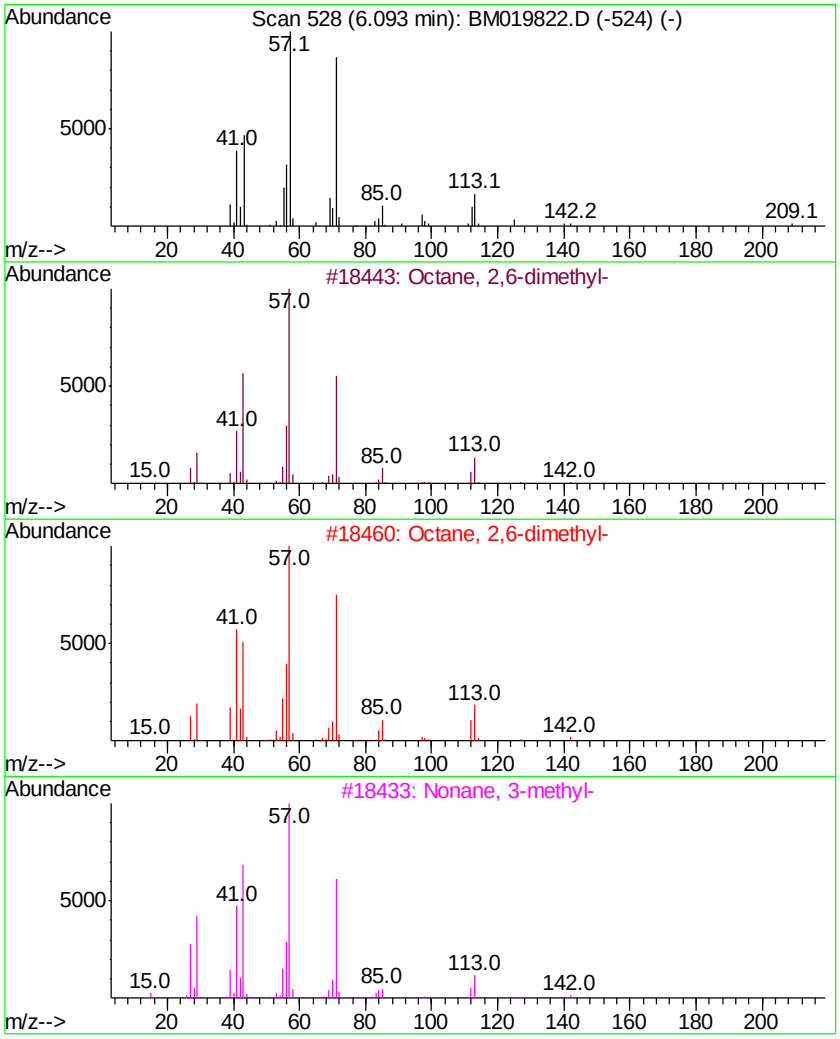
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

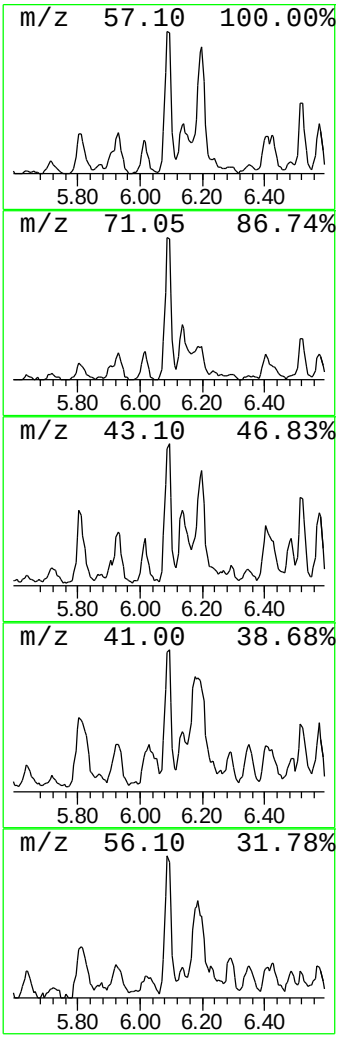
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	2.73 ng/ul	172462	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	72





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Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

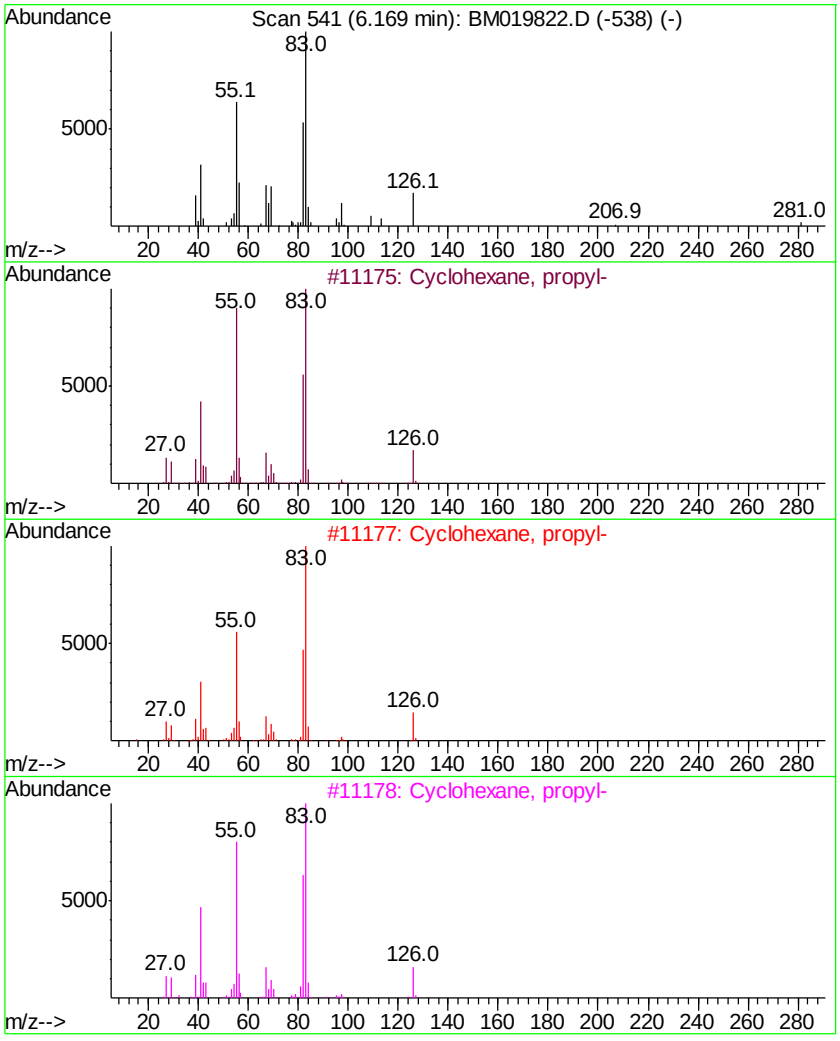
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

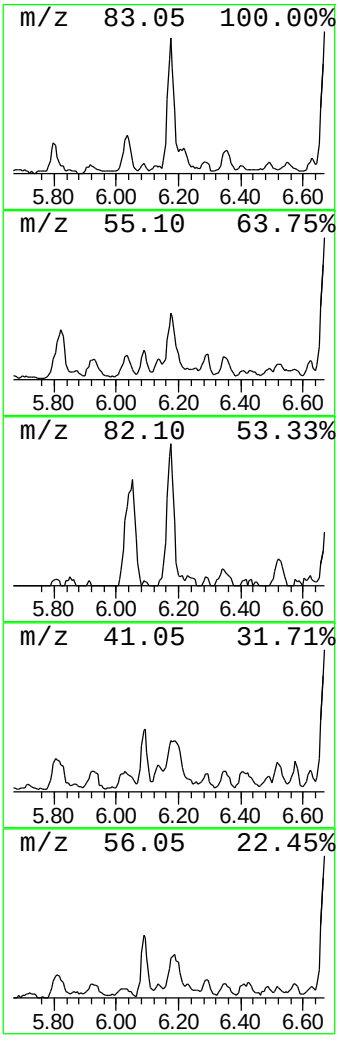
****

Peak Number 7 (DEL) Alkane: Cyclic6.17 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	5.20 ng/ul	327850	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	59
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	53





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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

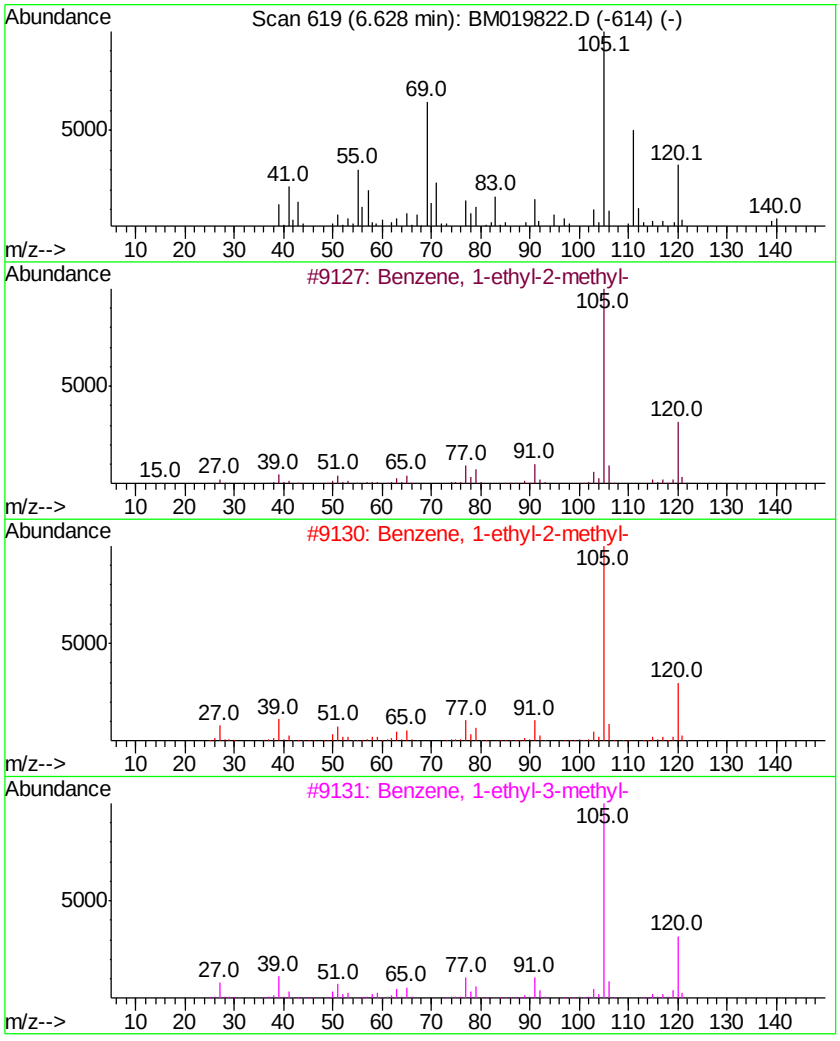
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

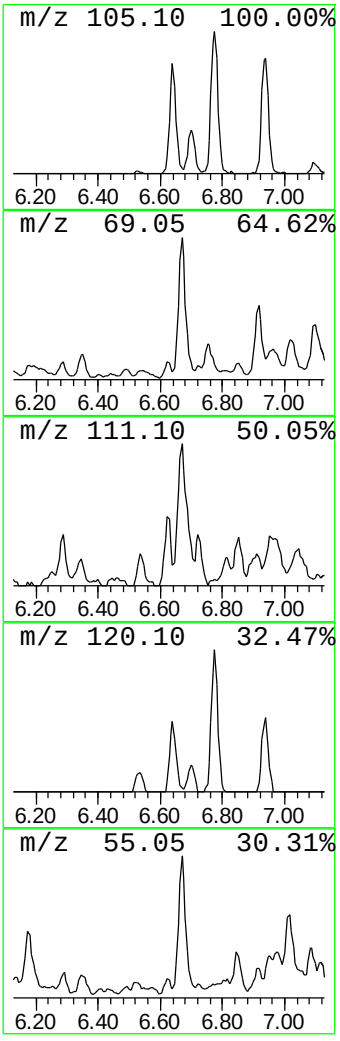
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	2.46 ng/ul	154999	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81





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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

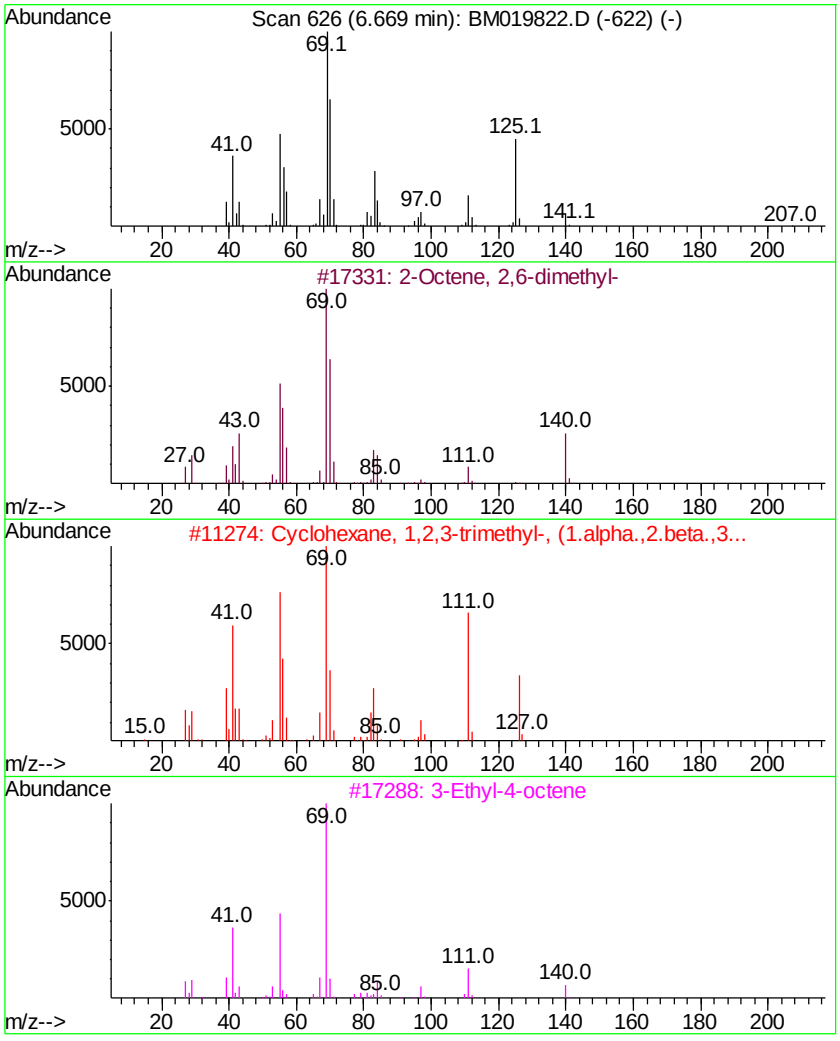
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

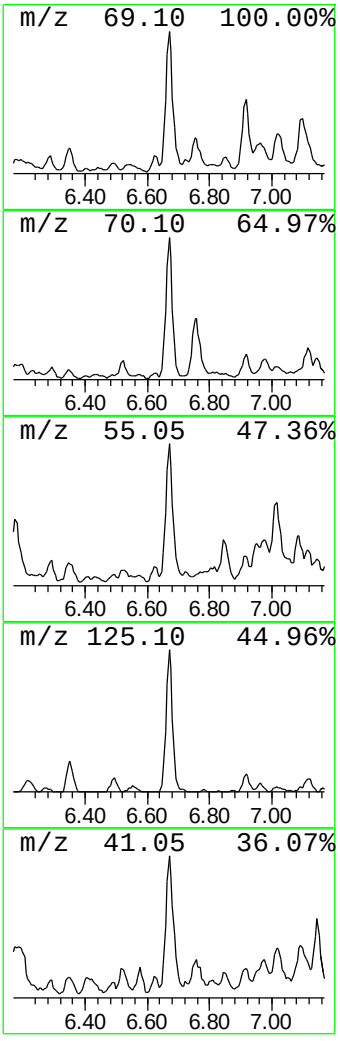
****

Peak Number 9 (DEL) Alkane: Cyclic6.67 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	10.23 ng/ul	645448	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	62
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	50
3	3-Ethyl-4-octene	140	C10H20	019781-32-9	50
4	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	49
5	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	47





Library Search Compound Report

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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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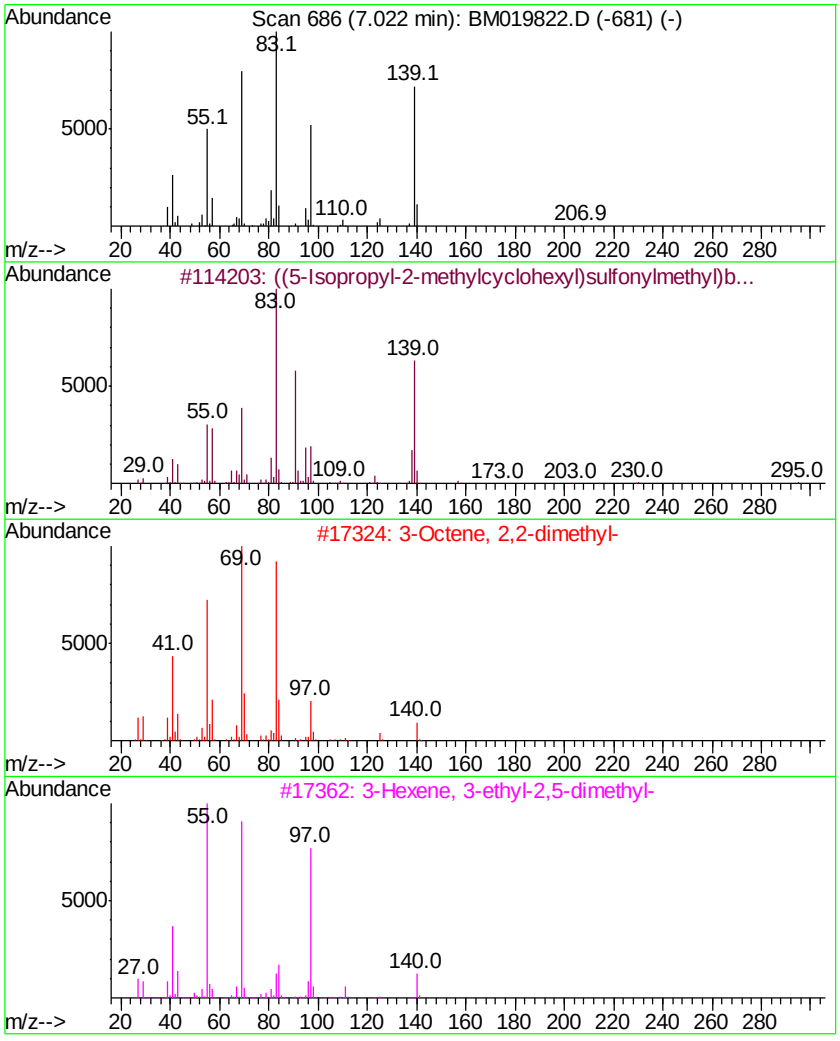
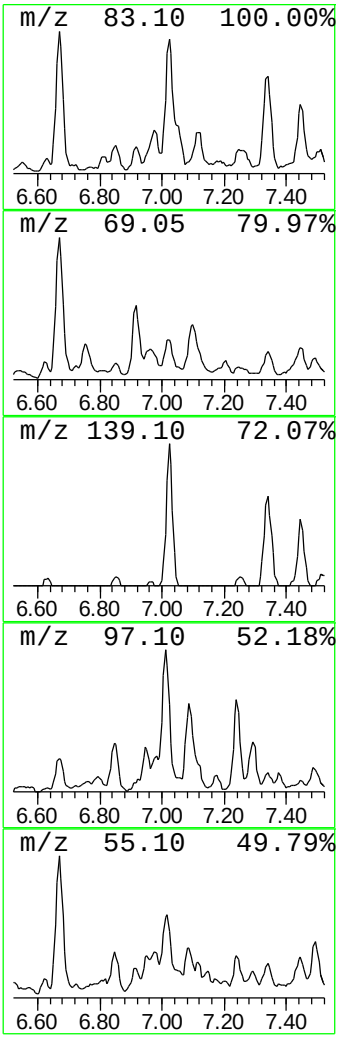
Peak Number 10 ((5-Isopropyl-2-methylcyclo... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	3.19 ng/ul	200907	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	((5-Isopropyl-2-methylcyclohexyl...	294	C17H26O2S	093542-25-7	50
2	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	47
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	38
4	Cyclohexanol, 5-methyl-2-(1-meth...	358	C20H38O3S	026510-92-9	27
5	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	25





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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

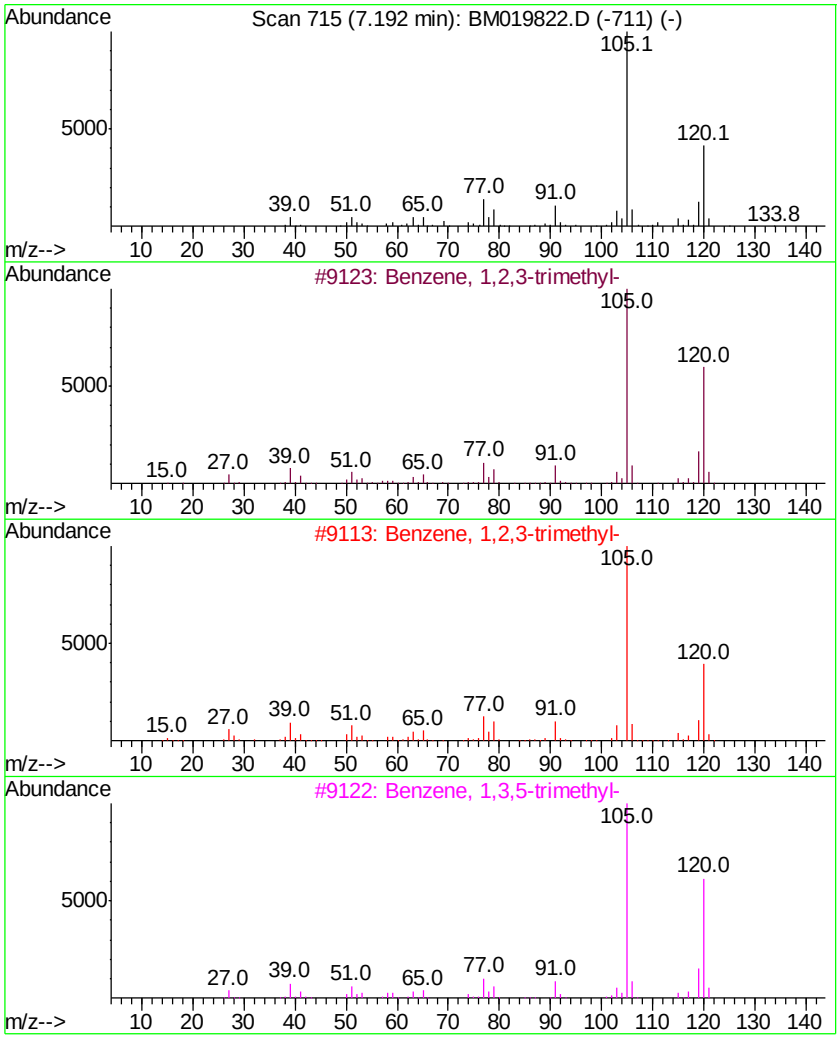
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

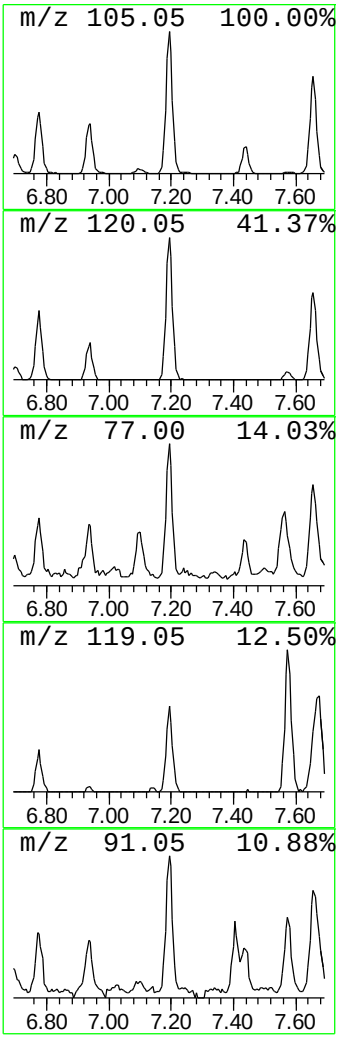
****

Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	4.85 ng/ul	305984	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

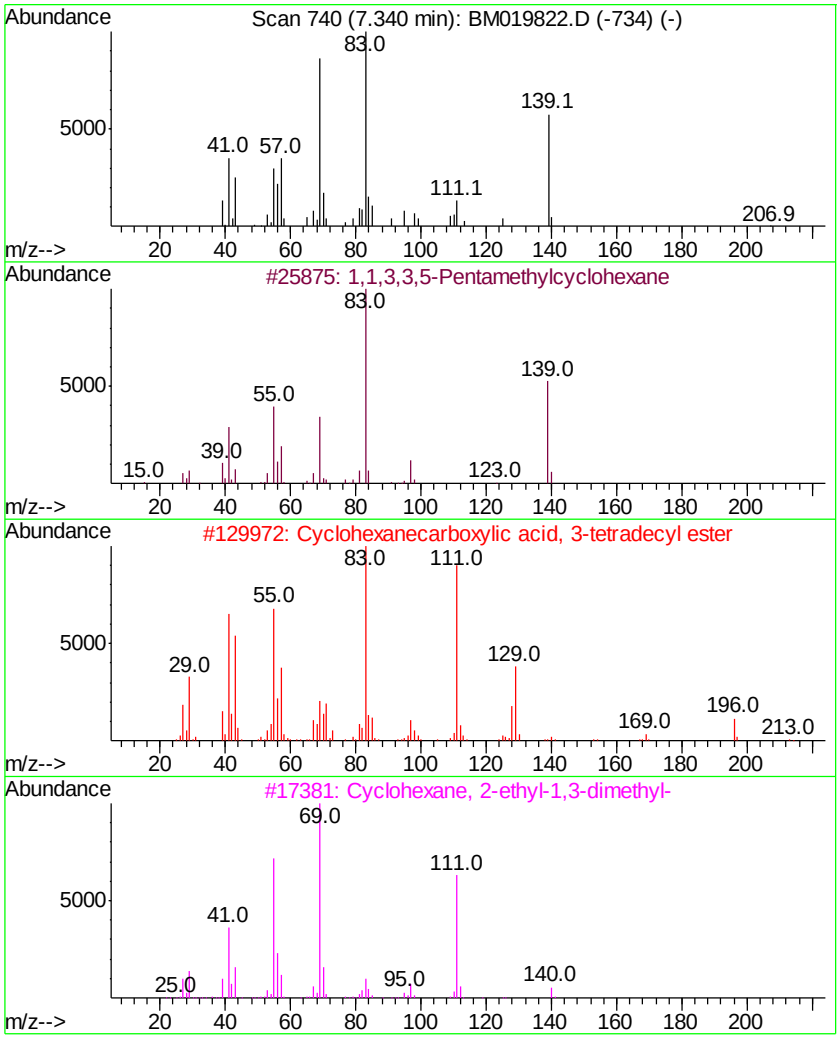
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

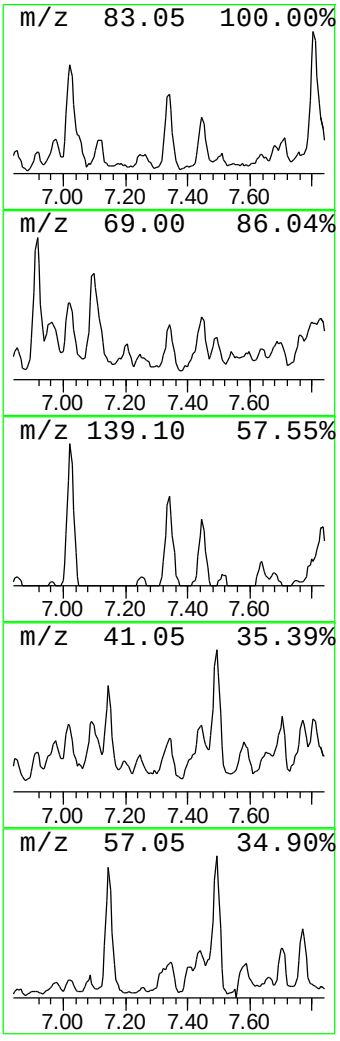
****

Peak Number 12 (DEL) Alkane: Cyclic7.34 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	2.73 ng/ul	172068	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,3,3,5-Pentamethylcyclohexane	154	C11H22	070810-19-4	38
2	Cyclohexanecarboxylic acid, 3-te...	324	C21H40O2	1000280-59-7	35
3	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	35
4	Oxalic acid, di-(-)-menthyl ester	366	C22H38O4	1000158-45-3	35
5	Cyclohexanecarboxylic acid, 3-tr...	310	C20H38O2	1000280-59-4	35





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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

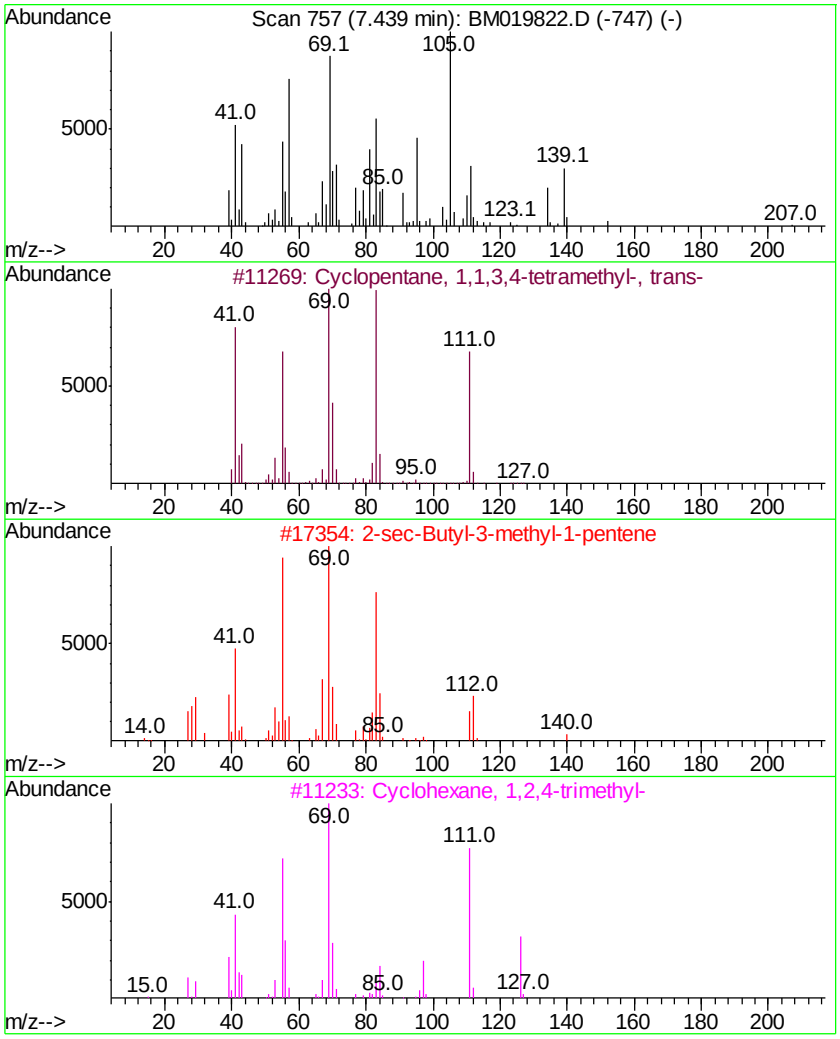
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

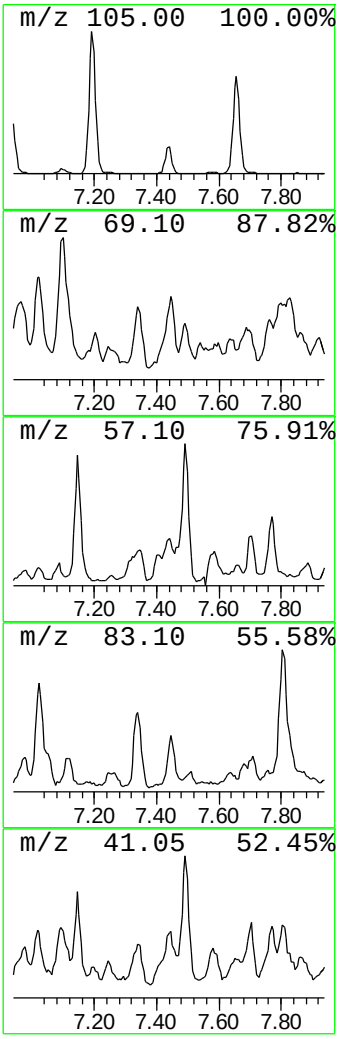
****

Peak Number 13 (DEL) Alkane: Cyclic7.44 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	6.01 ng/ul	379305	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	38
2	2-sec-Butyl-3-methyl-1-pentene	140	C10H20	075144-24-0	35
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	22
4	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	22
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	22





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Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

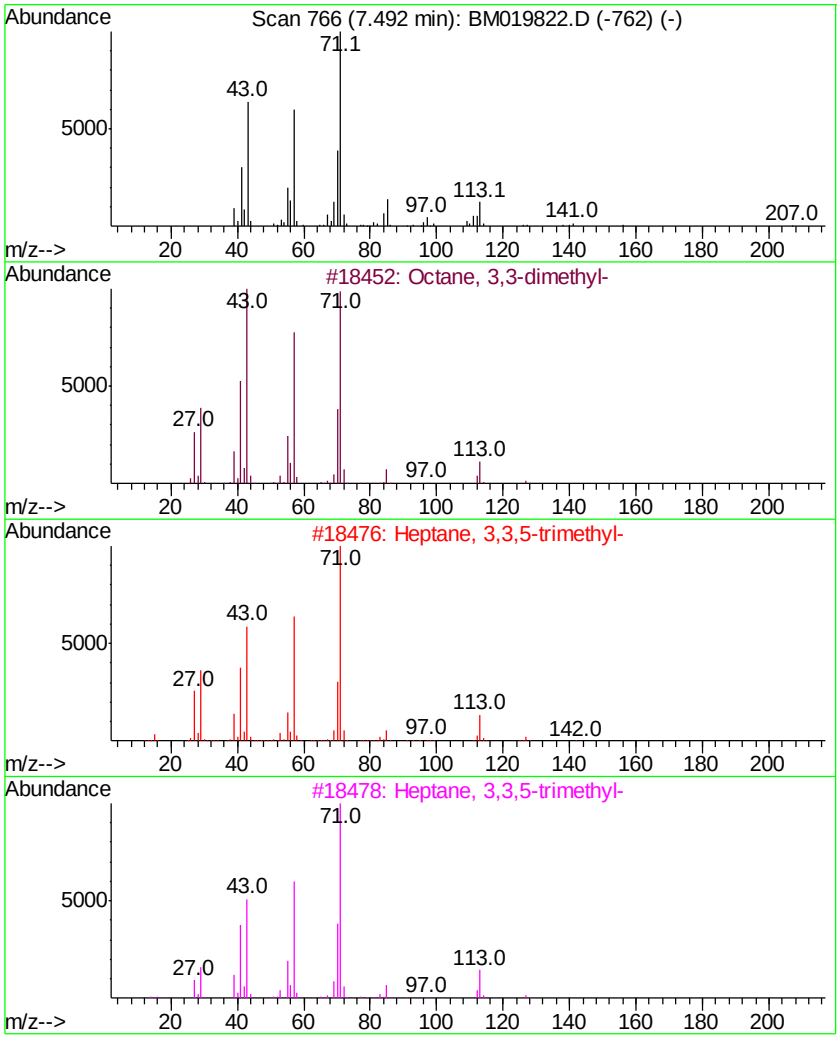
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

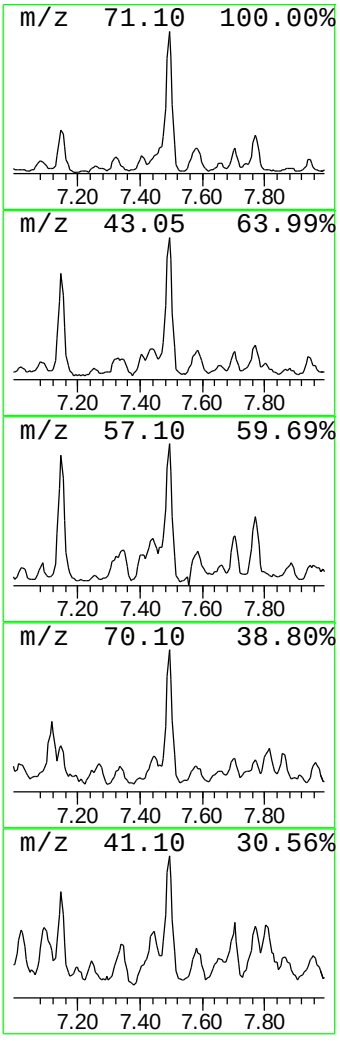
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	5.91 ng/ul	372709	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	64
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64





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Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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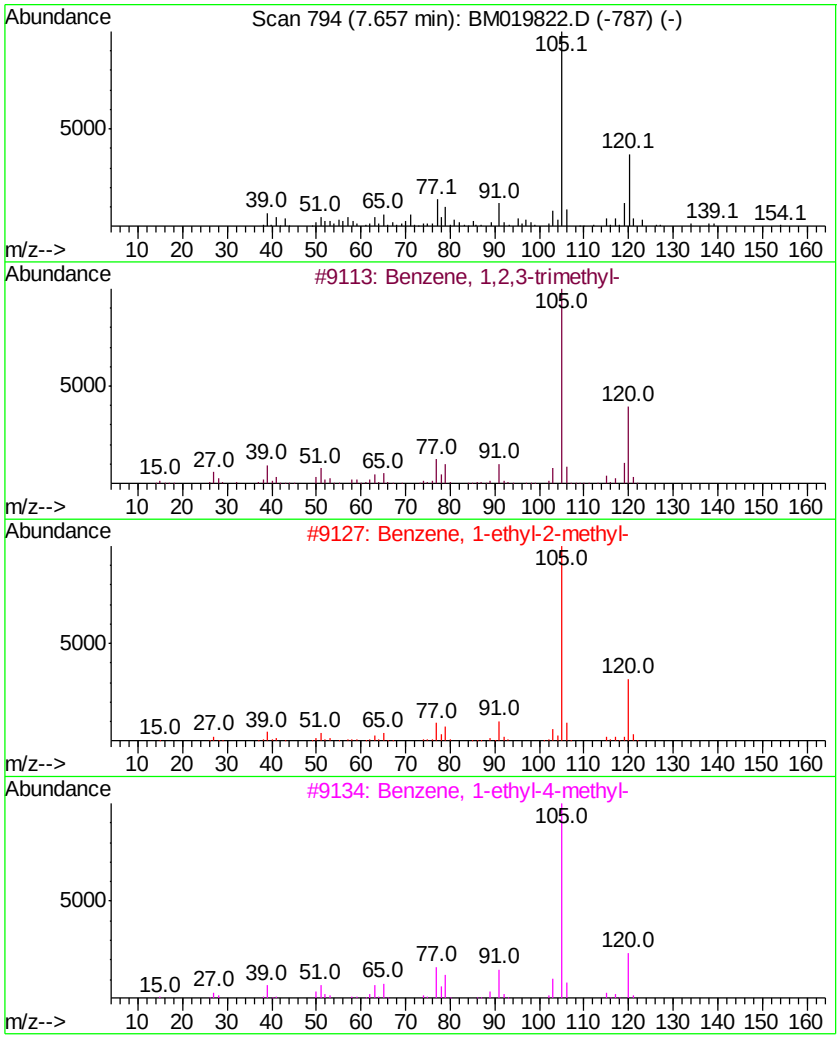
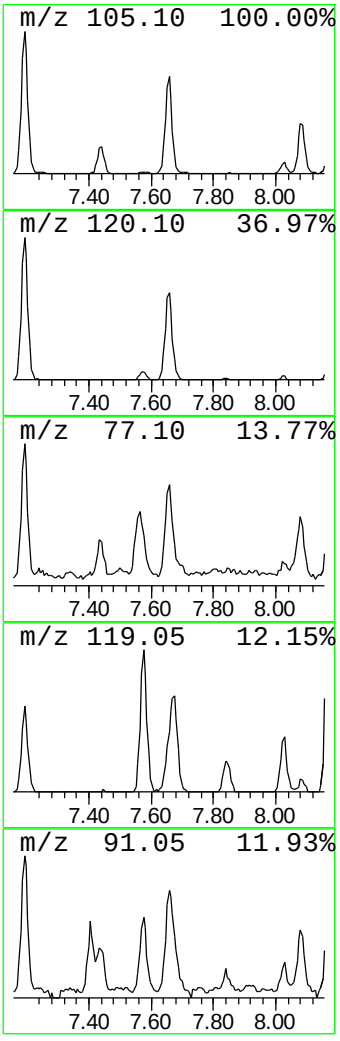
Peak Number 15 Benzene, 1,2,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	5.85 ng/ul	369055	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

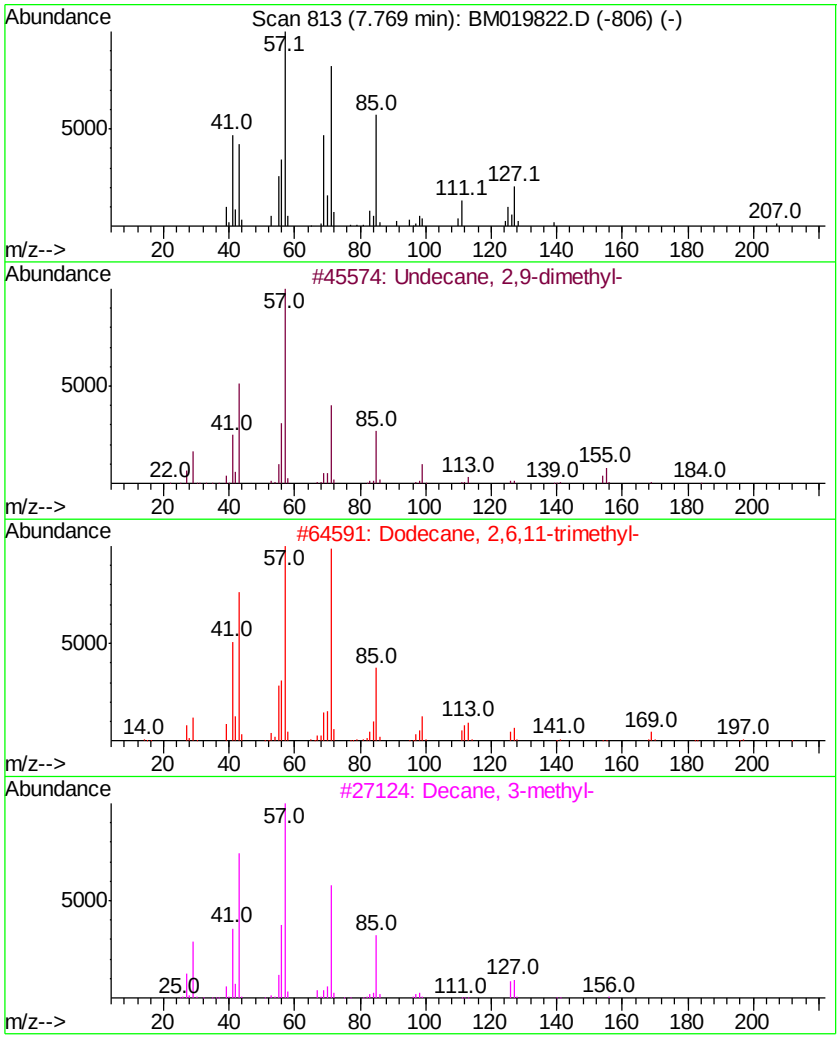
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

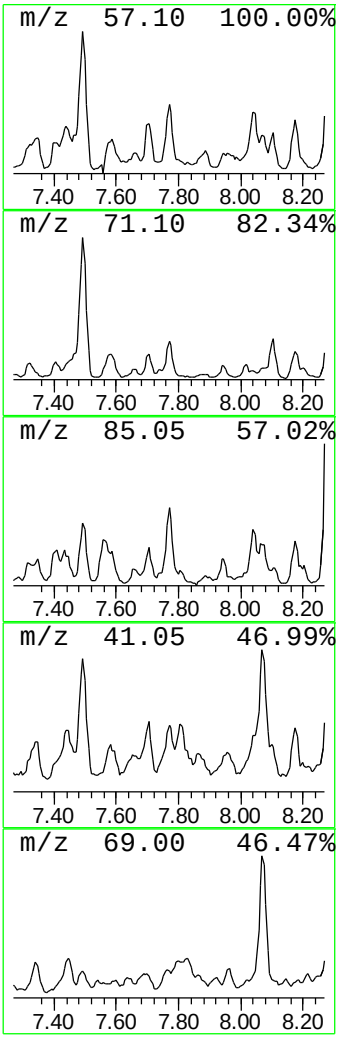
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	3.00 ng/ul	189494	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
3	Decane, 3-methyl-	156	C11H24	013151-34-3	50
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	50
5	Nonane, 5-propyl-	170	C12H26	000998-35-6	43





Library Search Compound Report

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Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

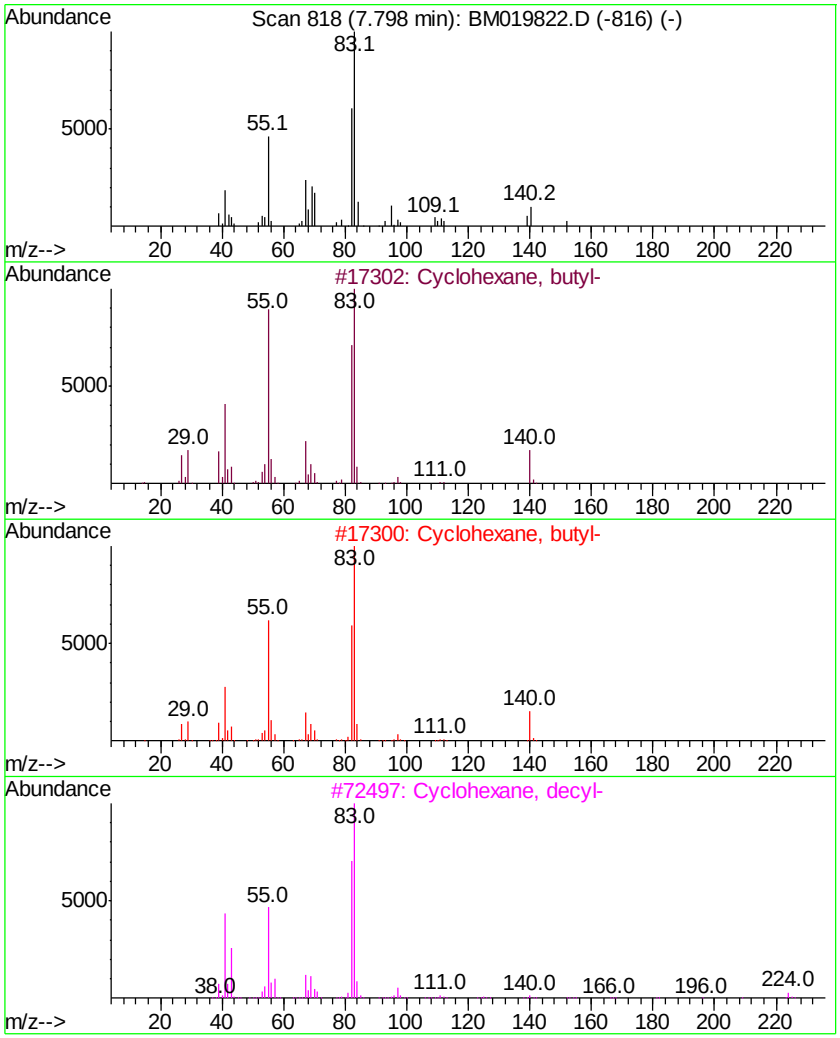
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

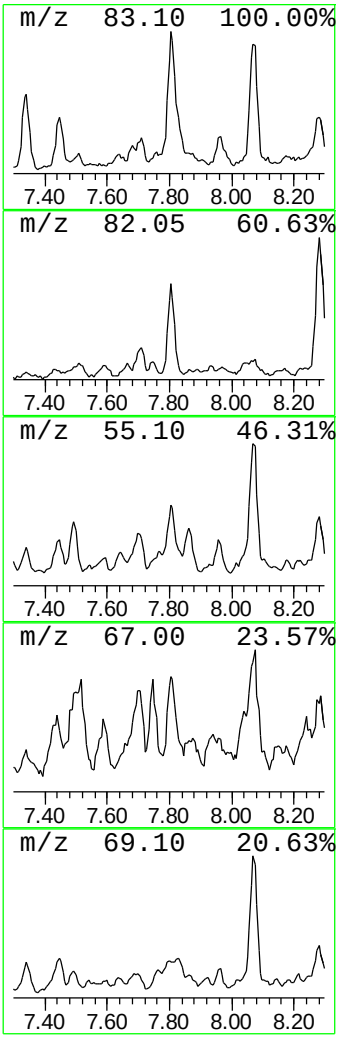
****

Peak Number 17 (DEL) Alkane: Cyclic7.80 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	3.20 ng/ul	201806	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	86
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3	Cyclohexane, decyl-	224	C16H32	001795-16-0	64
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64





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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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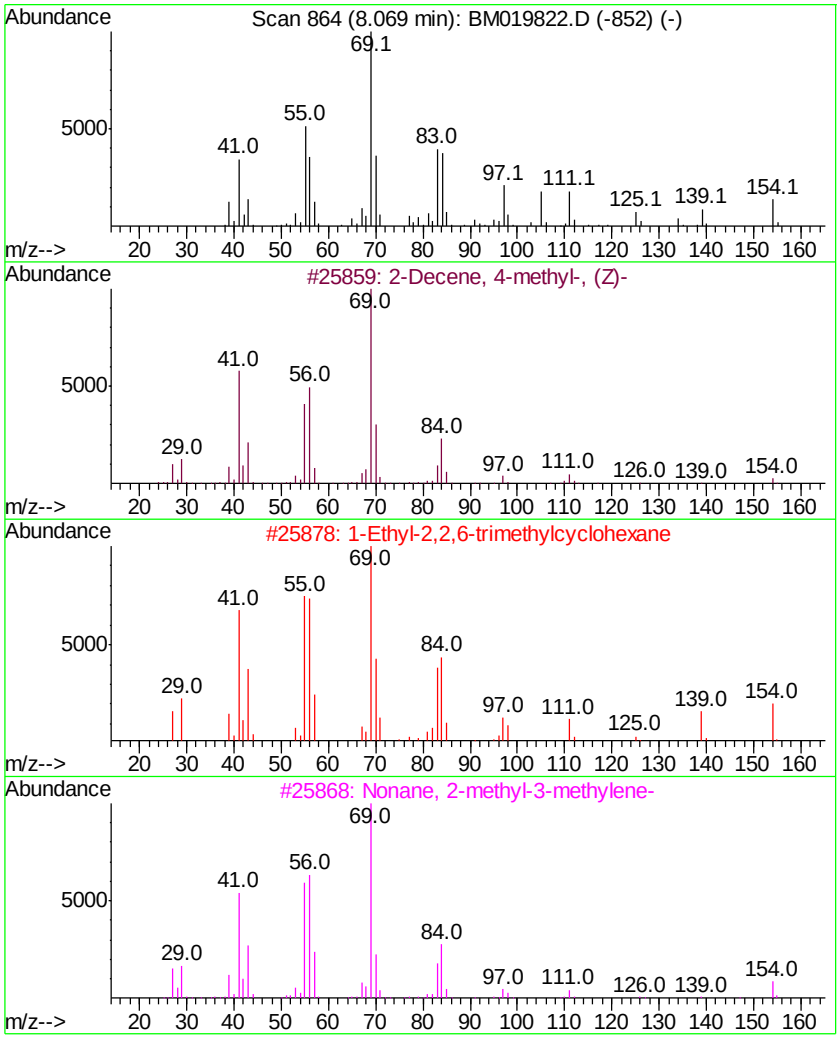
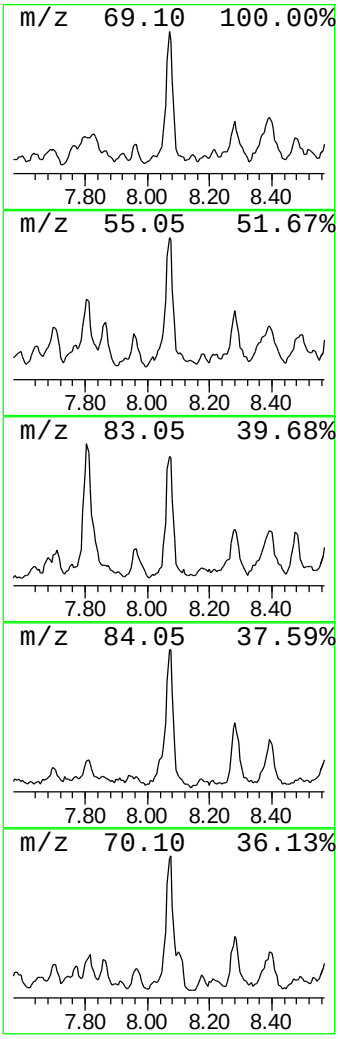
Peak Number 18 (DEL) Alkane: Cyclic8.07 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	14.15 ng/ul	892147	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	64
2	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	58
3	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	53
4	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	47
5	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	47





Library Search Compound Report

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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

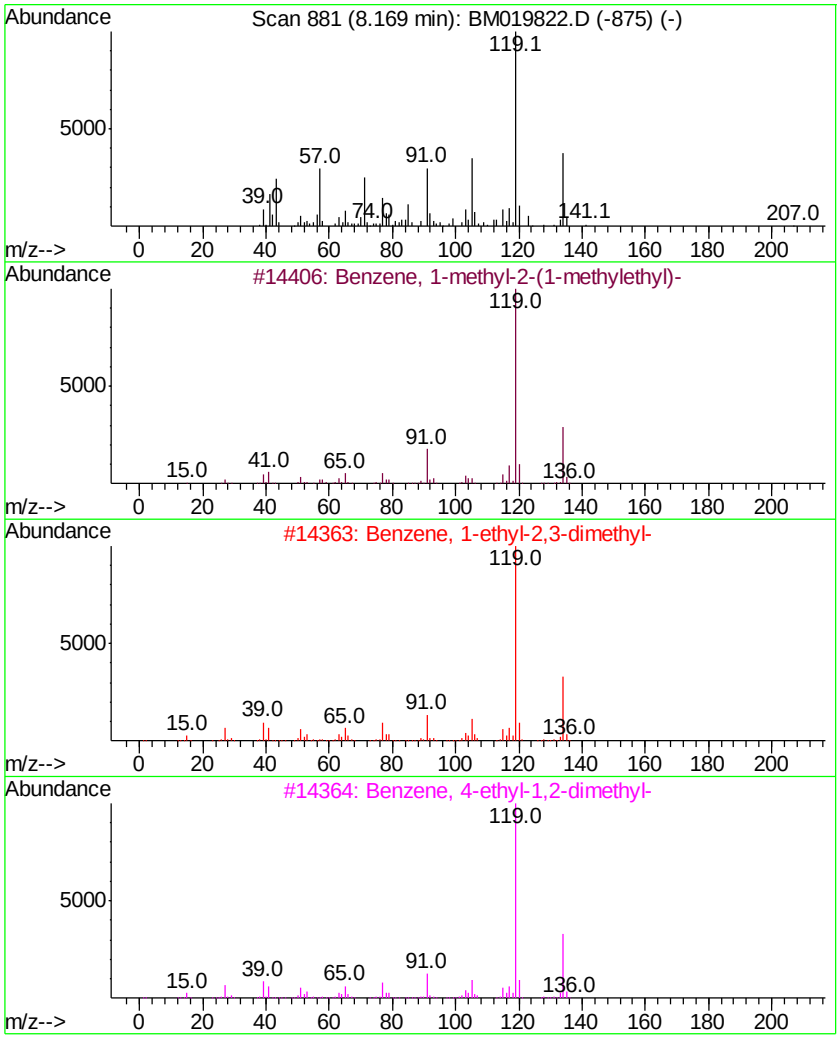
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

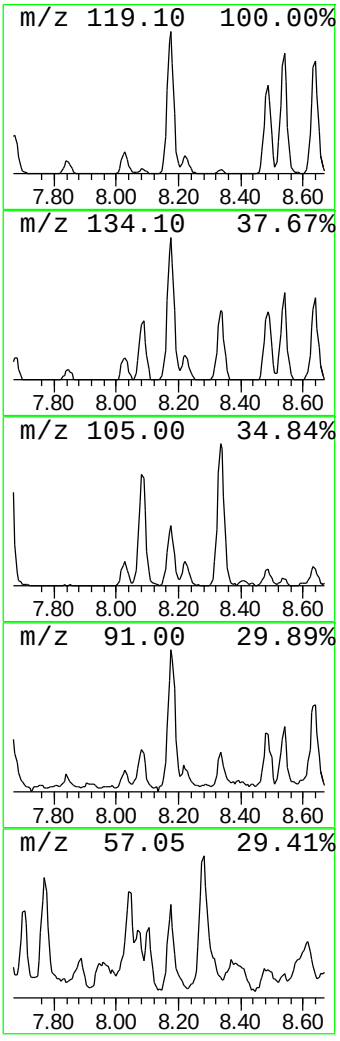
****

Peak Number 19 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	5.78 ng/ul	364512	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	86
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76





Library Search Compound Report

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Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

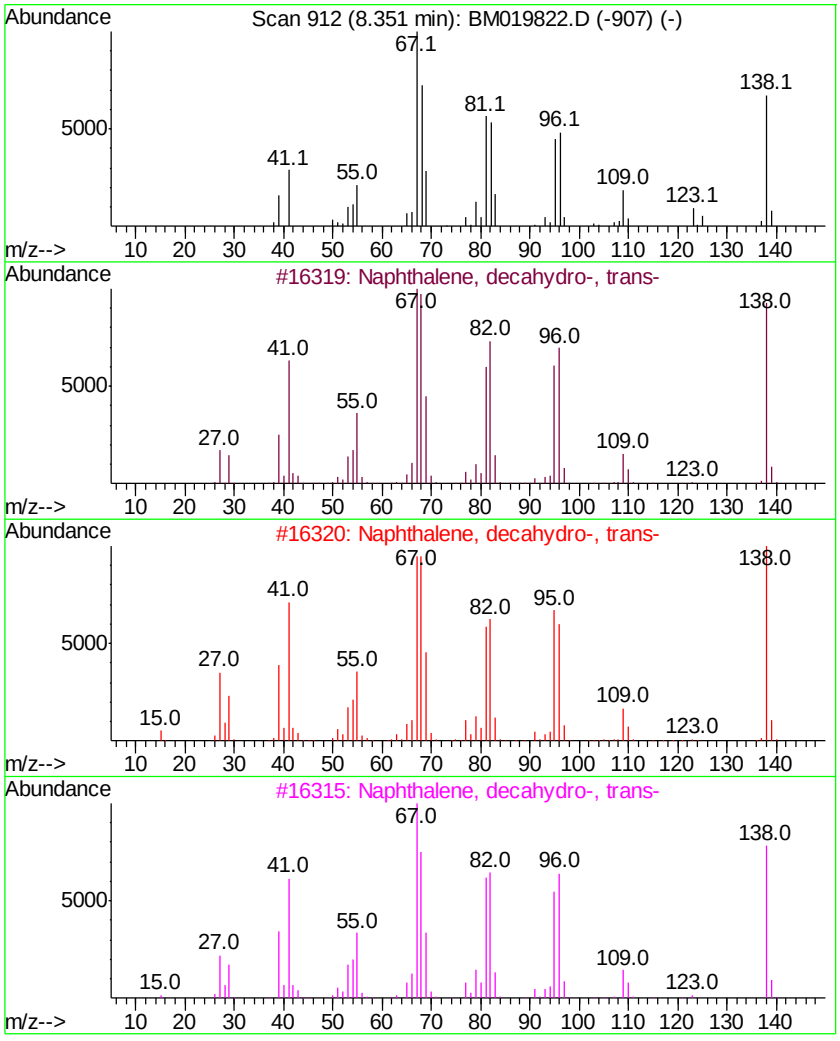
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

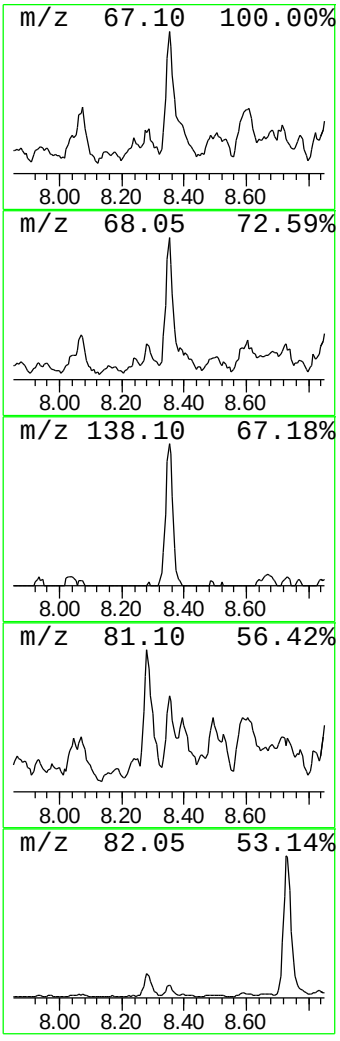
****

Peak Number 20 Naphthalene, decahydro-, tr... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	2.65 ng/ul	166962	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
3	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
4	Naphthalene, decahydro-	138	C10H18	000091-17-8	91
5	Naphthalene, decahydro-	138	C10H18	000091-17-8	70





Library Search Compound Report

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Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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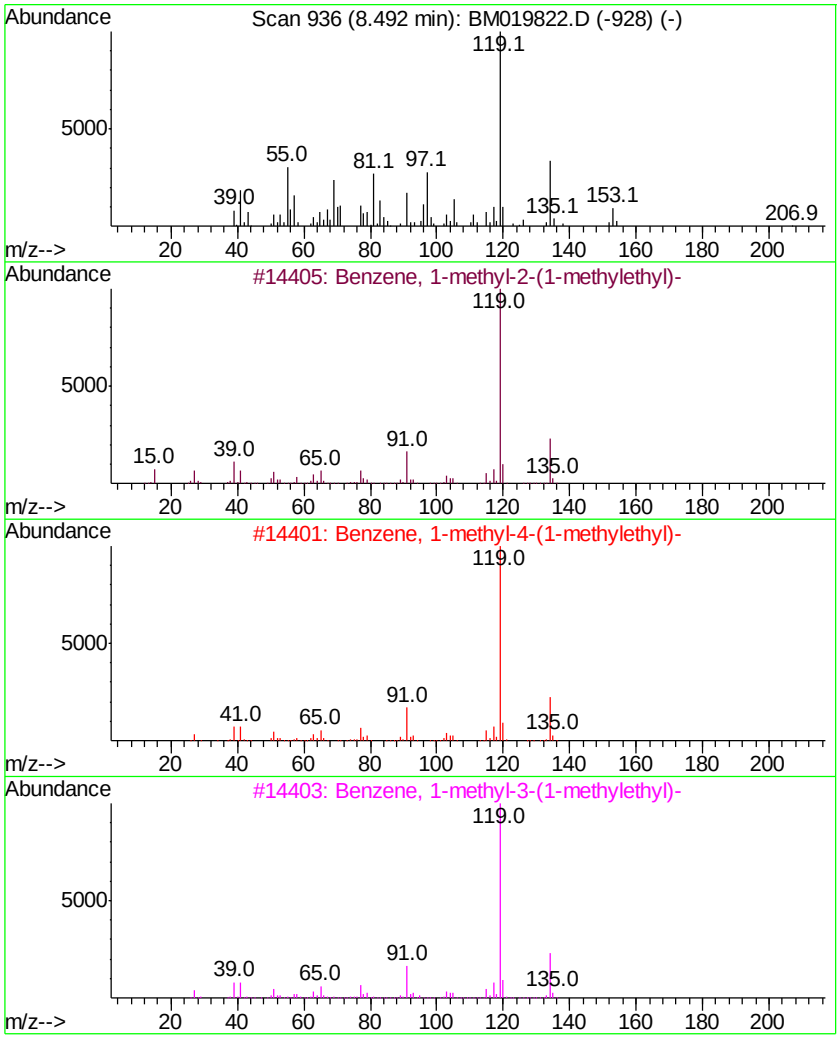
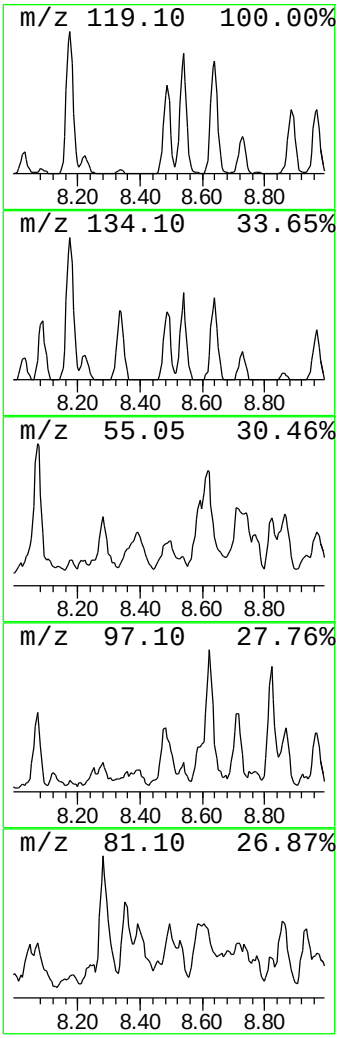
Peak Number 21 Benzene, 1-methyl-4-(1-meth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	4.54 ng/ul	286032	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	92





Library Search Compound Report

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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

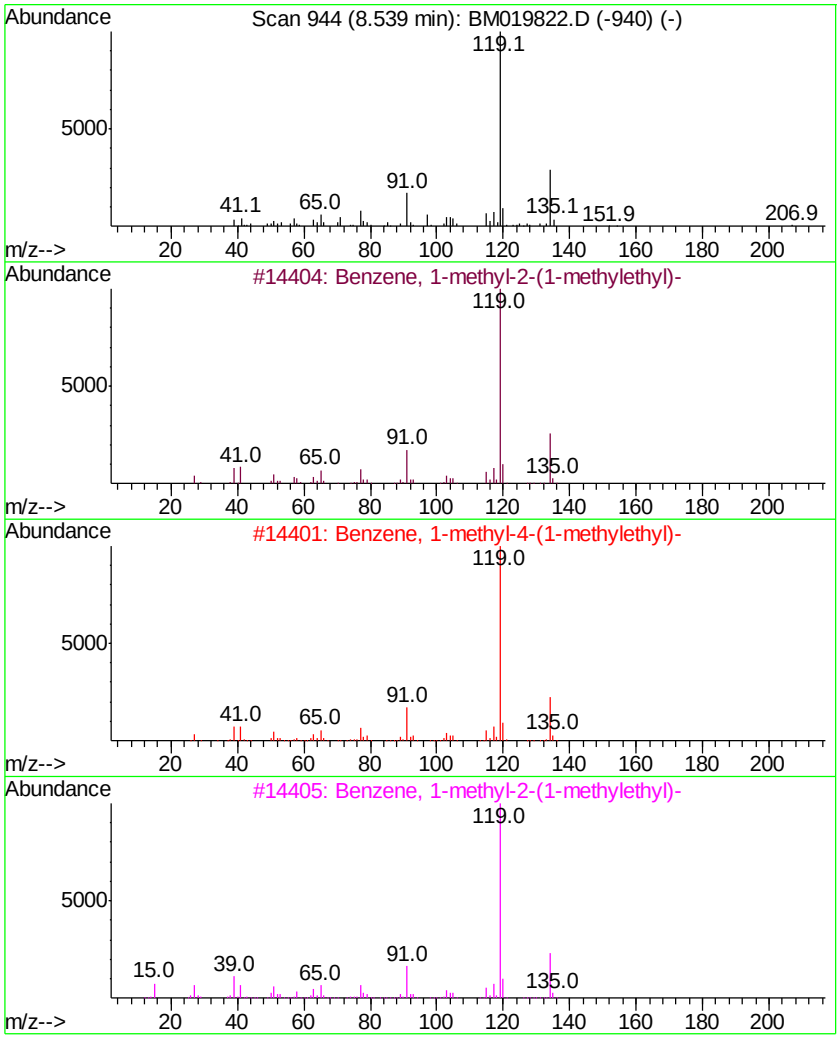
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

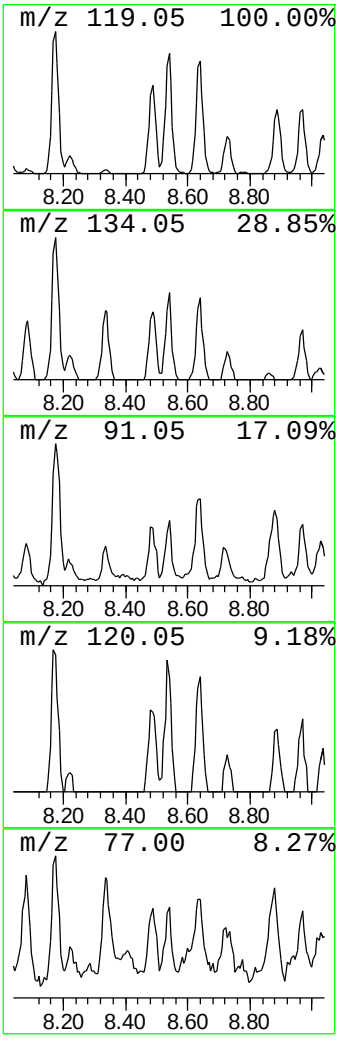
****

Peak Number 22 Benzene, 1-methyl-2-(1-meth... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	2.26 ng/ul	142613	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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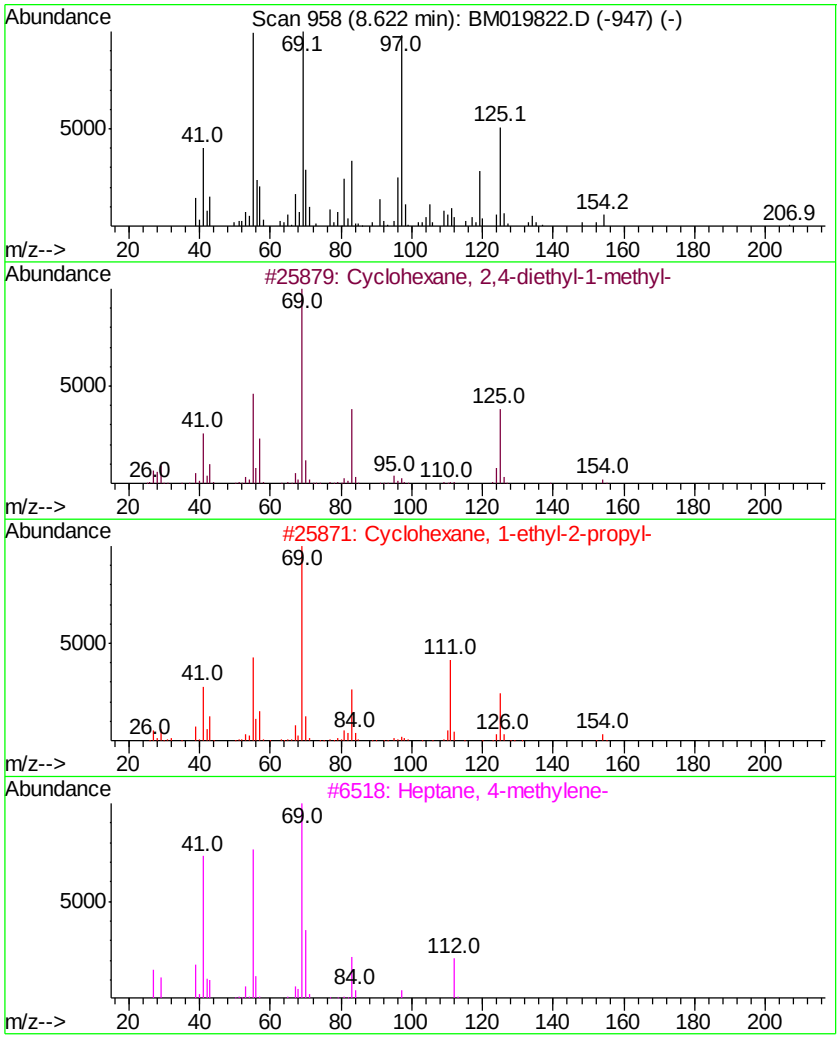
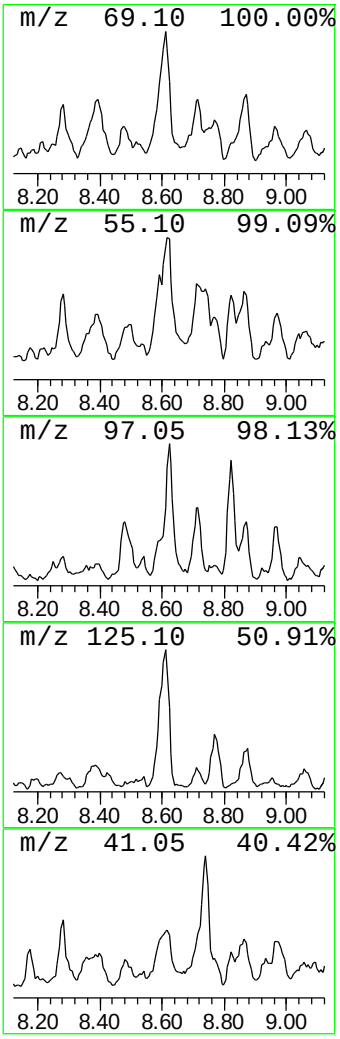
Peak Number 23 (DEL) Alkane: Cyclic8.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	11.38 ng/ul	717886	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	58
2	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	47
3	Heptane, 4-methylene-	112	C8H16	015918-08-8	35
4	Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	35
5	Cycloheptane, methyl-	112	C8H16	004126-78-7	27





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Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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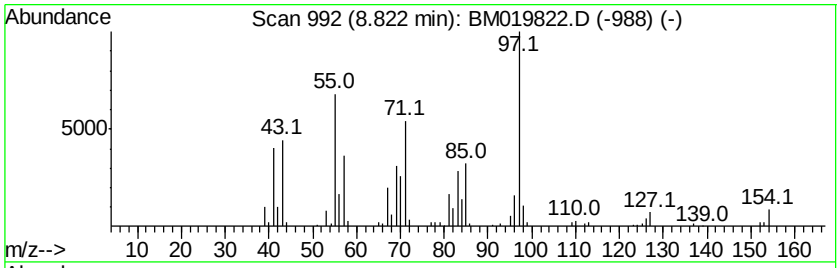
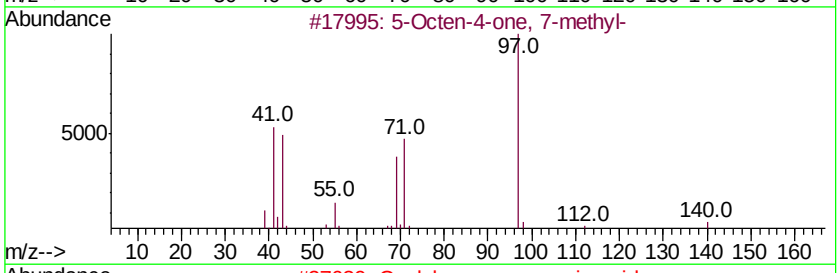
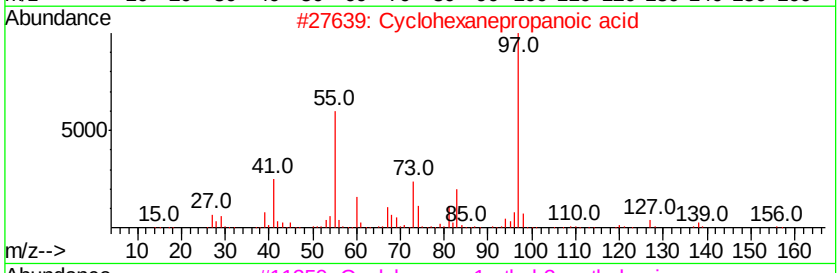
Peak Number 24 unknown-02 Concentration Rank 43

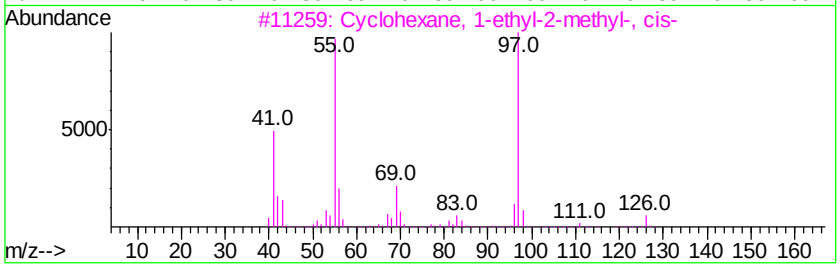
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	2.67 ng/ul	168649	1,4-Dichlorobenzene-d4	7.56

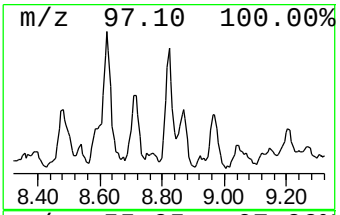
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	43
2	Cyclohexanepropanoic acid	156	C9H16O2	000701-97-3	43
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	43
4	3-Cyclopent-1-enyl-3-hydroxy-2-m...	170	C9H14O3	1000191-19-7	38
5	Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	38

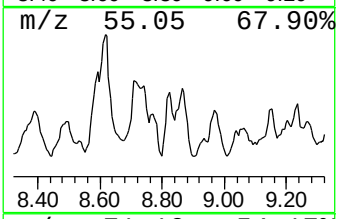


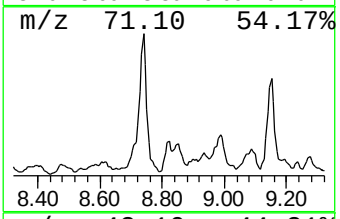


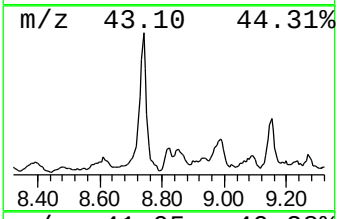


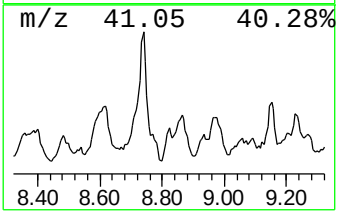












Library Search Compound Report

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Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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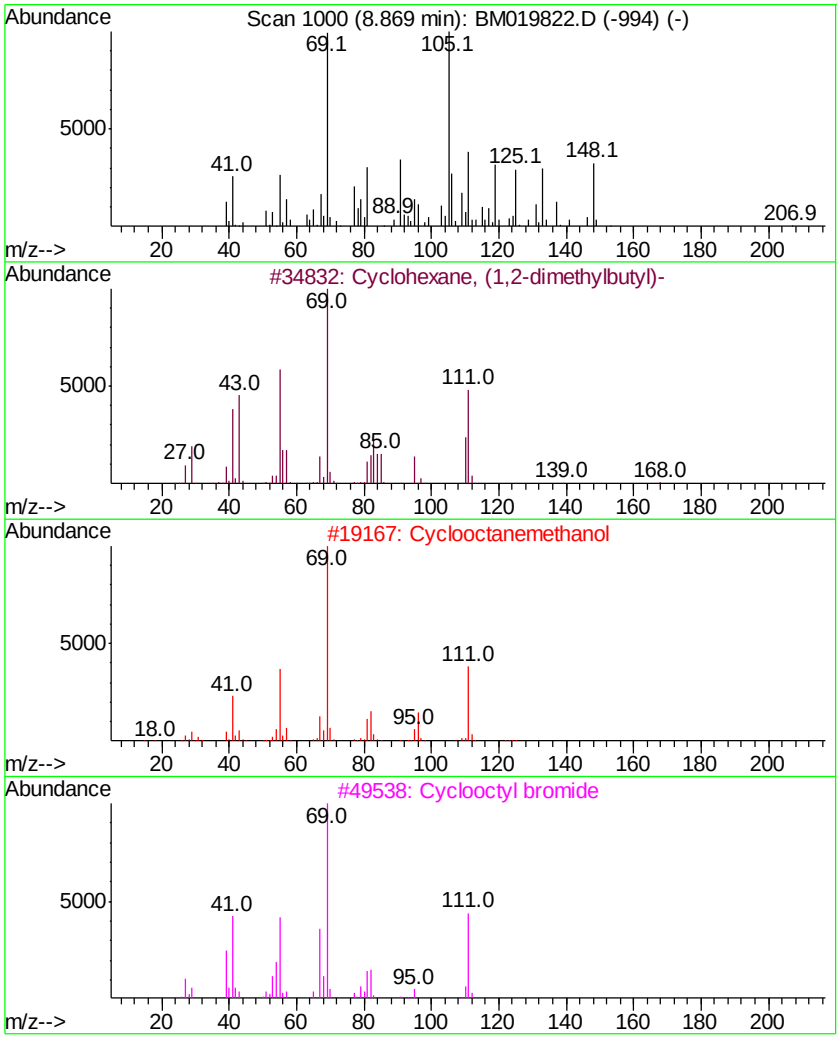
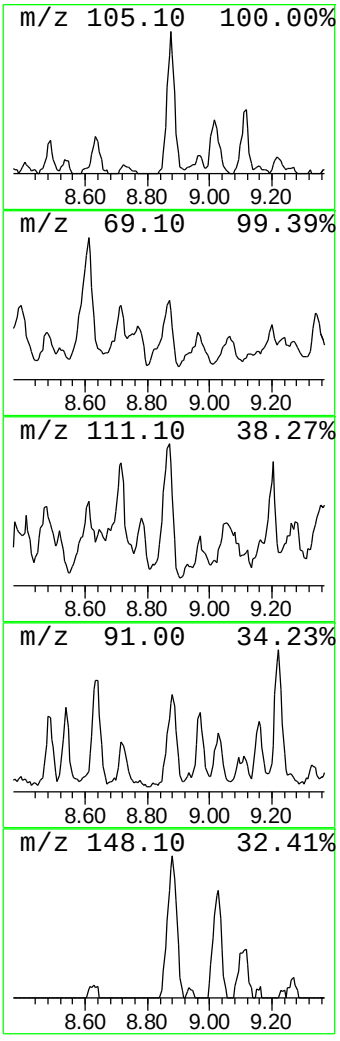
Peak Number 25 (DEL) Alkane: Cyclic8.87 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	6.71 ng/ul	423394	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	35
2	Cyclooctanemethanol	142	C9H18O	003637-63-6	35
3	Cyclooctyl bromide	190	C8H15Br	001556-09-8	25
4	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	25
5	1-Butyne, 3-methyl-3-propoxy-	126	C8H14O	053907-64-5	17





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Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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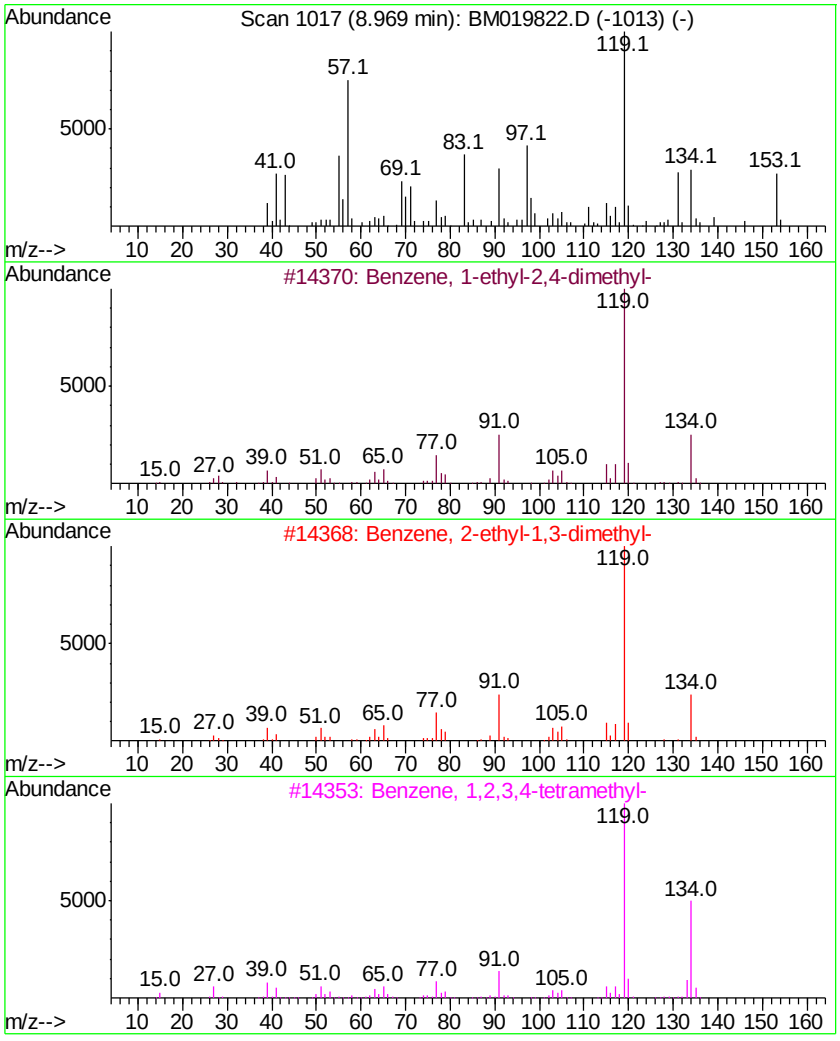
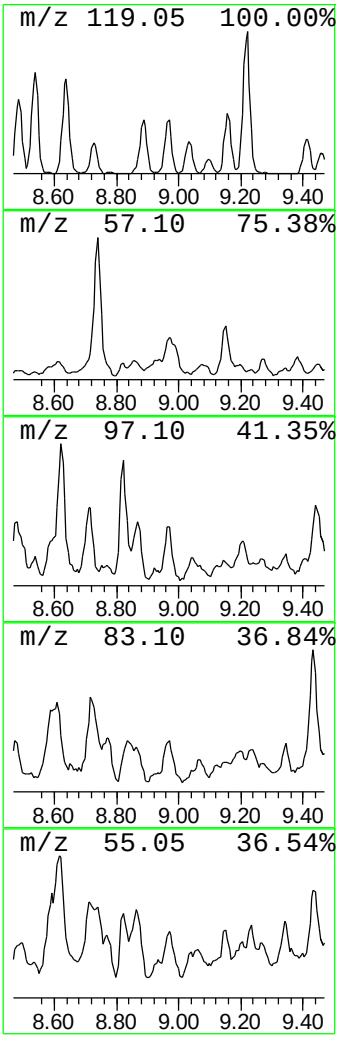
Peak Number 26 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	4.36 ng/ul	285998	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	89
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	86
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64





Library Search Compound Report

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Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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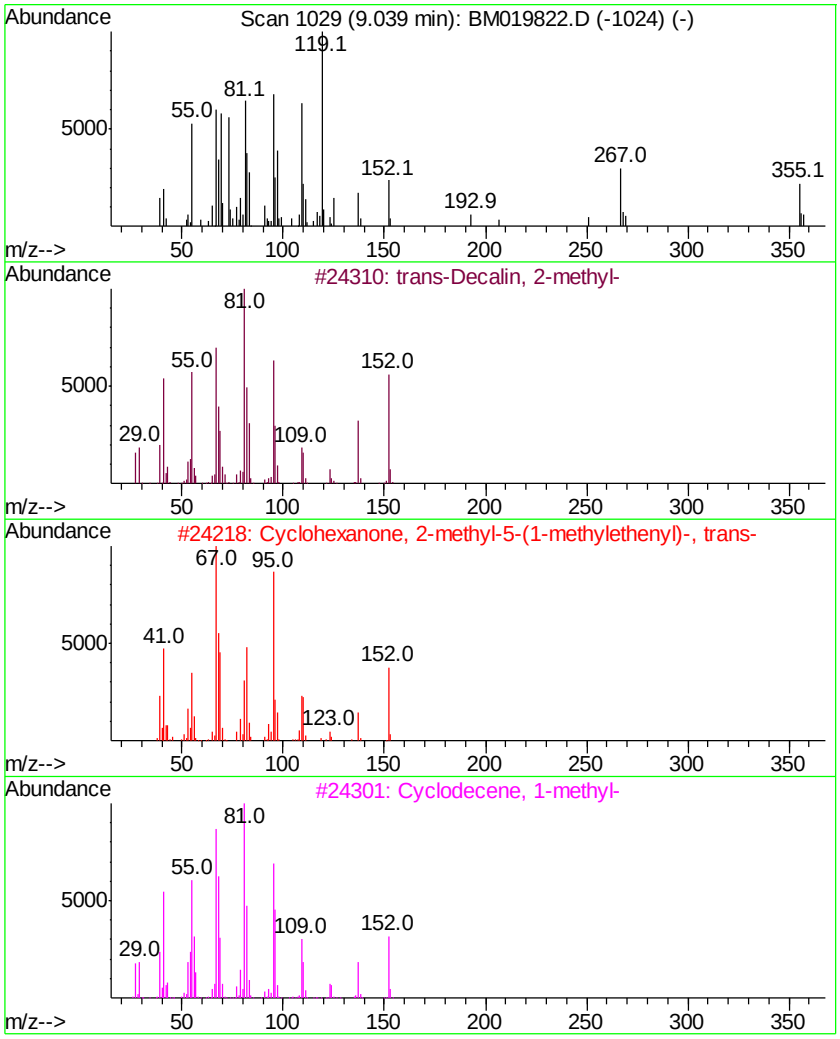
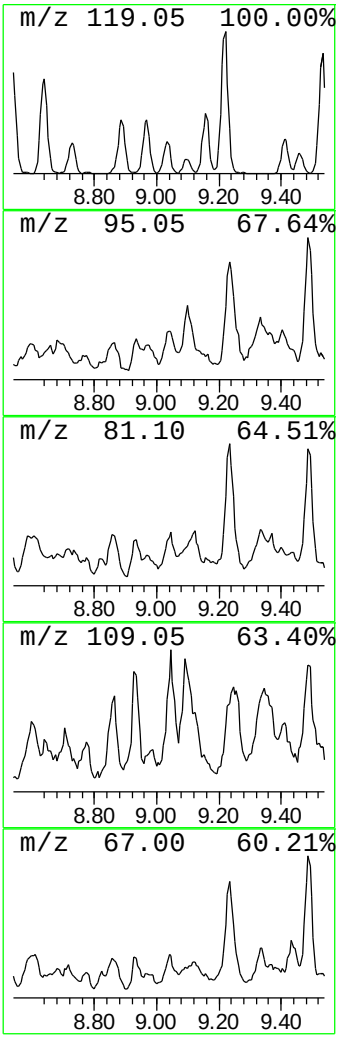
Peak Number 27 unknown-03 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	2.68 ng/ul	175368	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	47
2	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	42
3	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	42
4	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	41
5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	41





Library Search Compound Report

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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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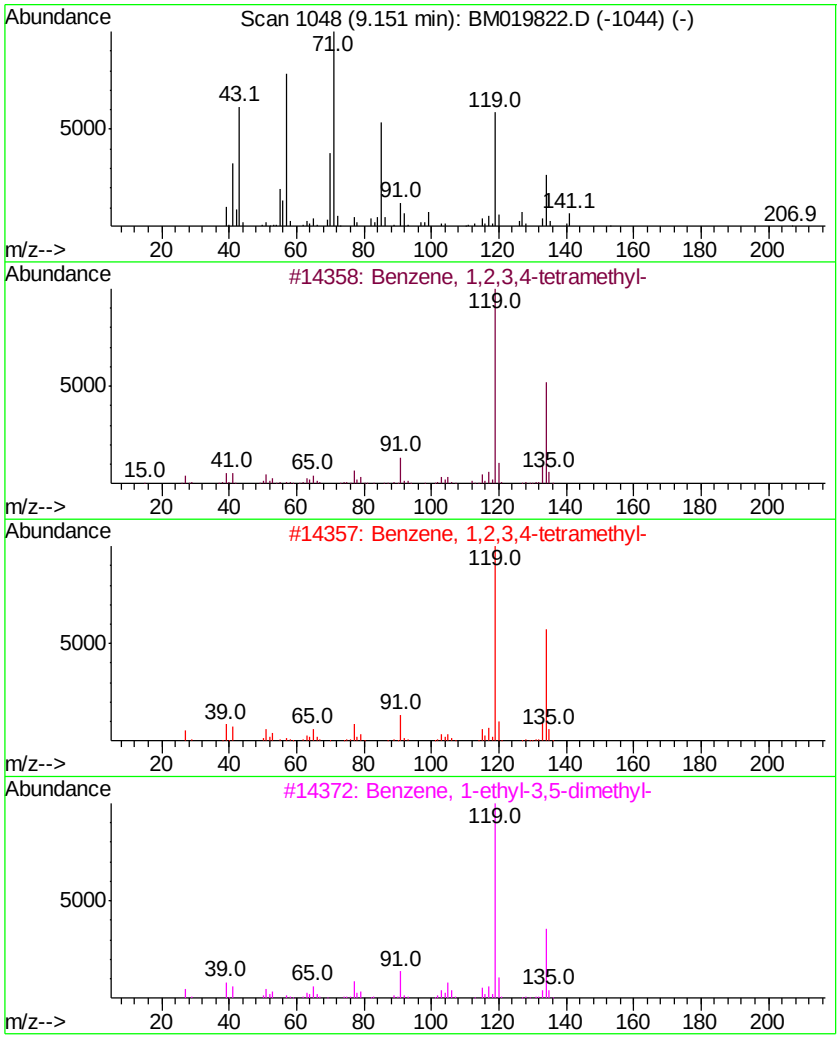
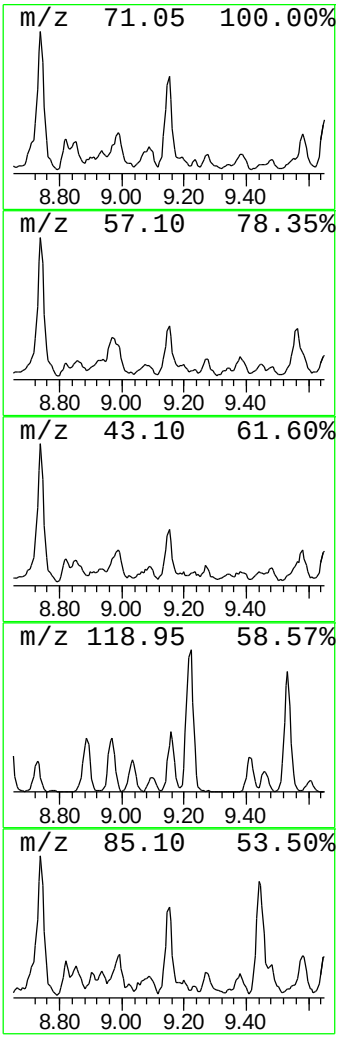
Peak Number 28 unknown-04 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	3.33 ng/ul	218025	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	35
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	35
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	35
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	35
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	35





Library Search Compound Report

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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

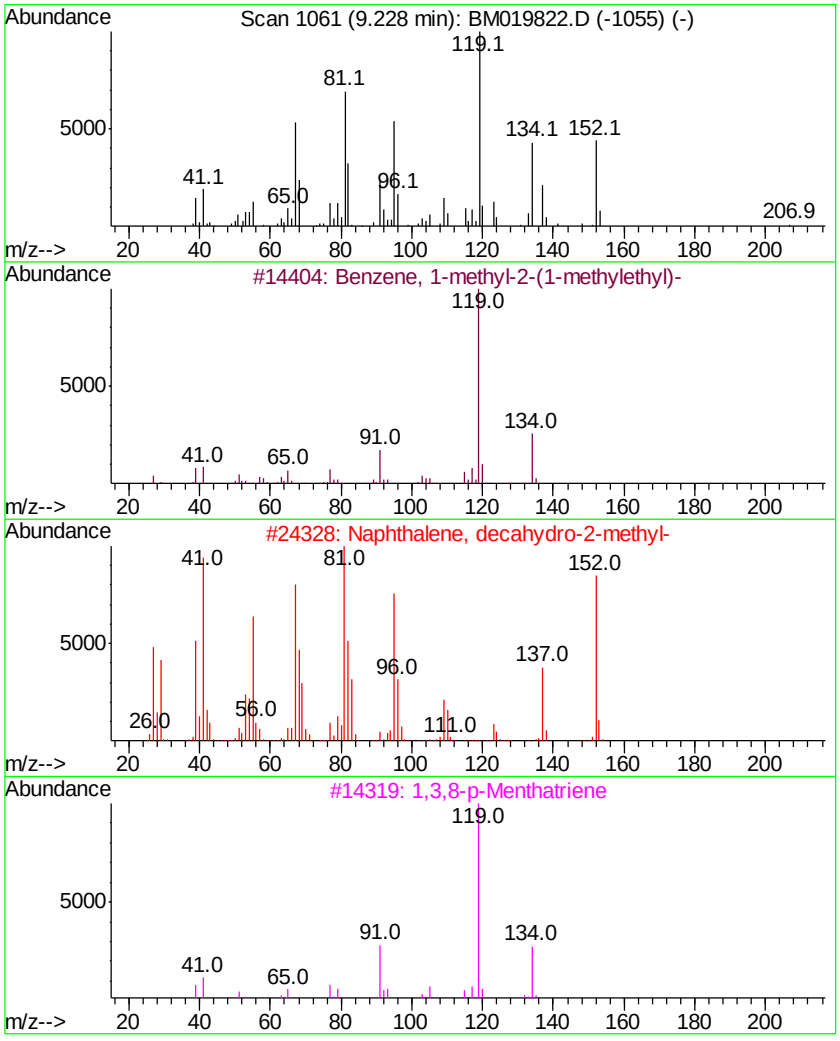
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

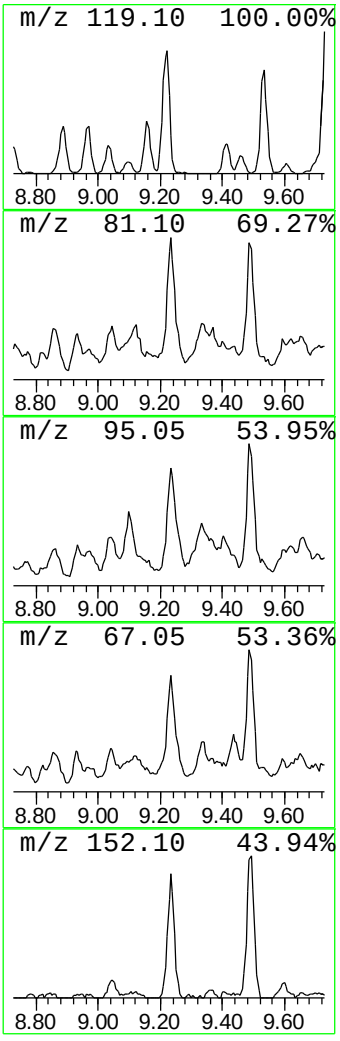
****

Peak Number 29 Naphthalene, decahydro-2-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	5.64 ng/ul	369480	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	80
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	50
3	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	42
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	42
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	42





Library Search Compound Report

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Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

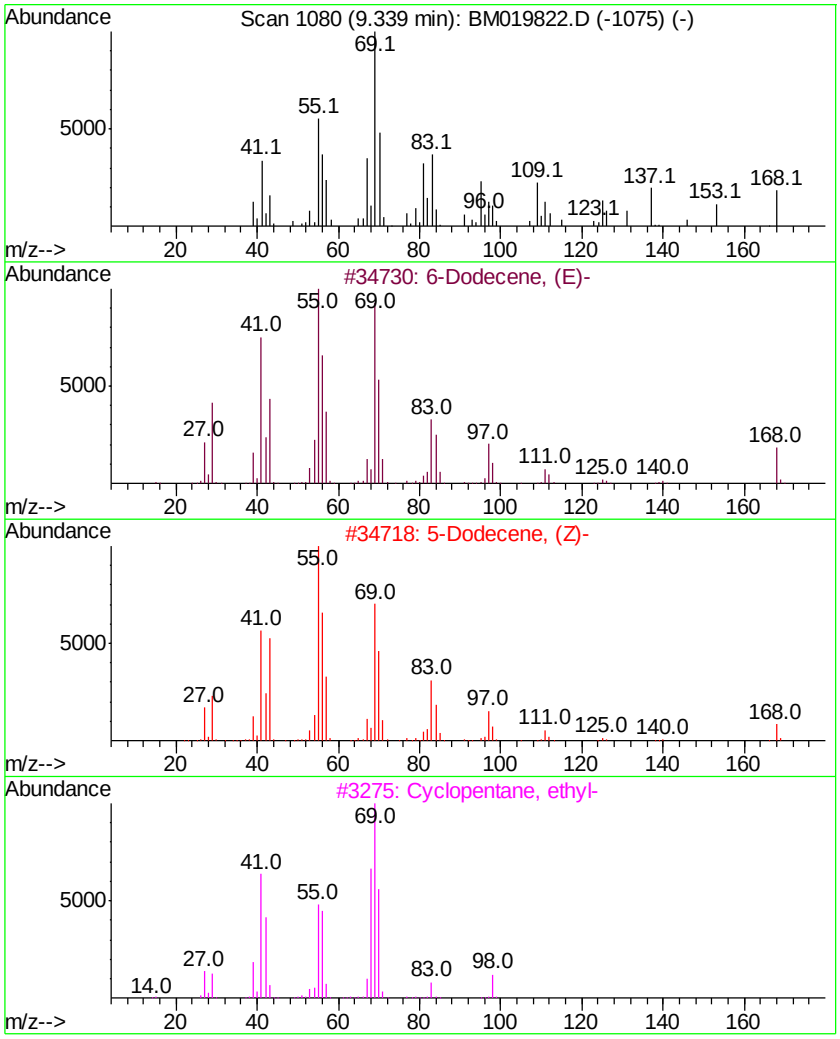
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

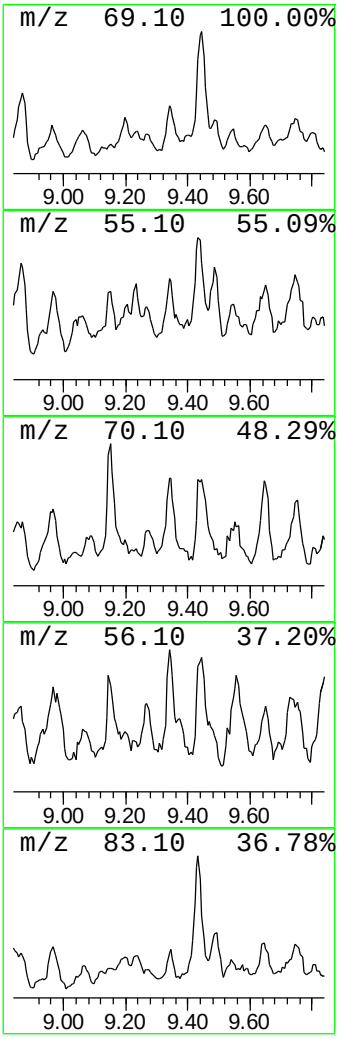
****

Peak Number 30 (DEL) Alkane: Cyclic9.34 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	2.96 ng/ul	194001	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Dodecene, (E)-	168	C12H24	007206-17-9	64
2	5-Dodecene, (Z)-	168	C12H24	007206-28-2	47
3	Cyclopentane, ethyl-	98	C7H14	001640-89-7	46
4	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	43
5	4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	43





Library Search Compound Report

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Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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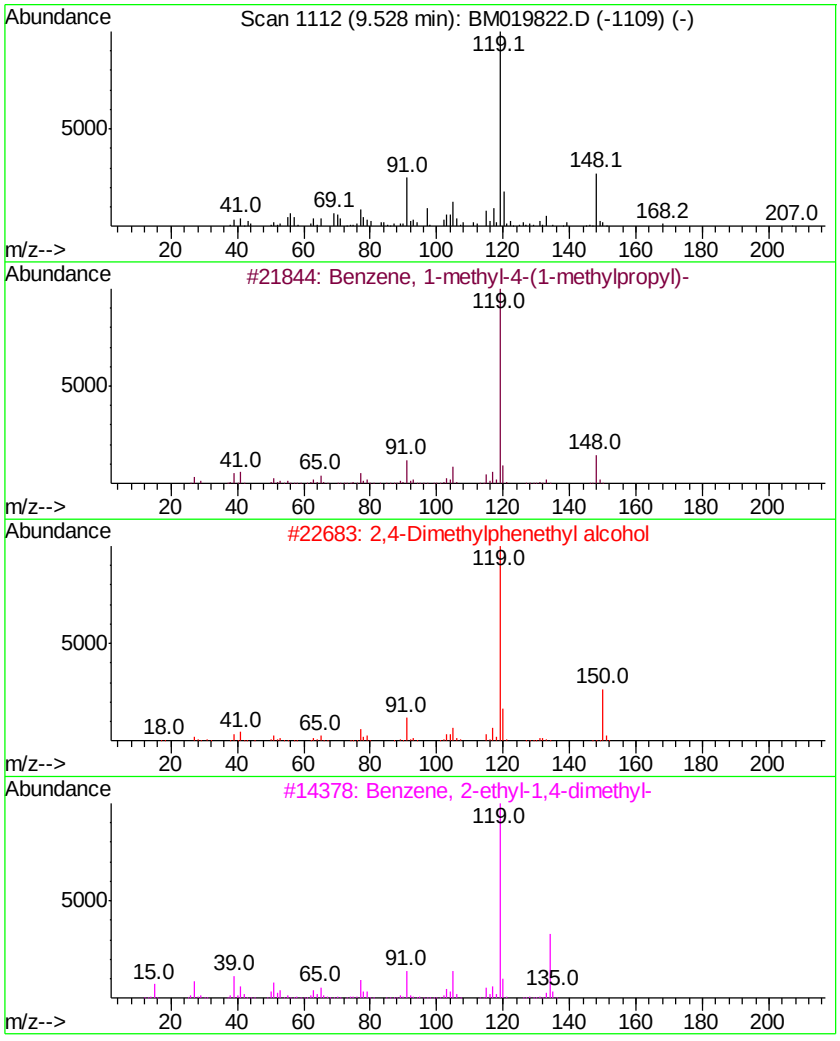
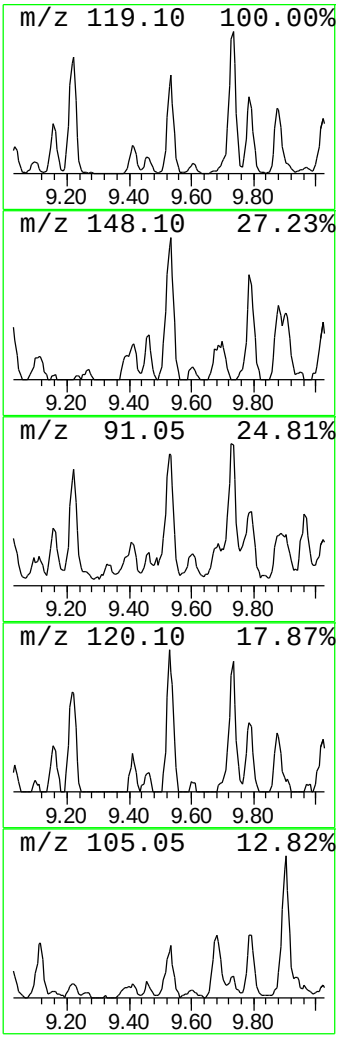
Peak Number 31 Benzene, 1-methyl-4-(1-meth... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	3.28 ng/ul	214966	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	76
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64





Library Search Compound Report

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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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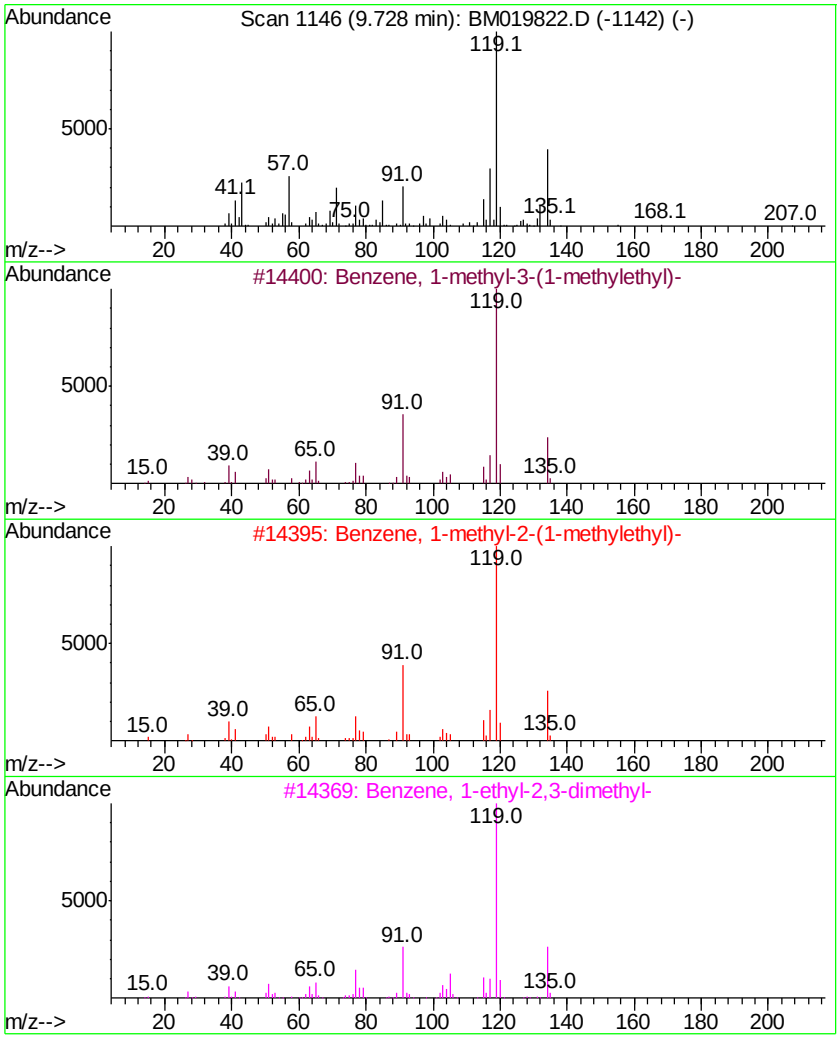
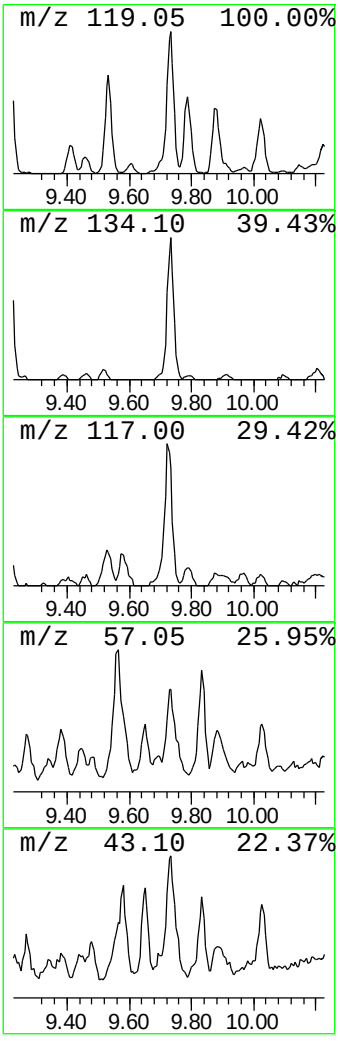
Peak Number 32 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	6.86 ng/ul	449732	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81





Library Search Compound Report

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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

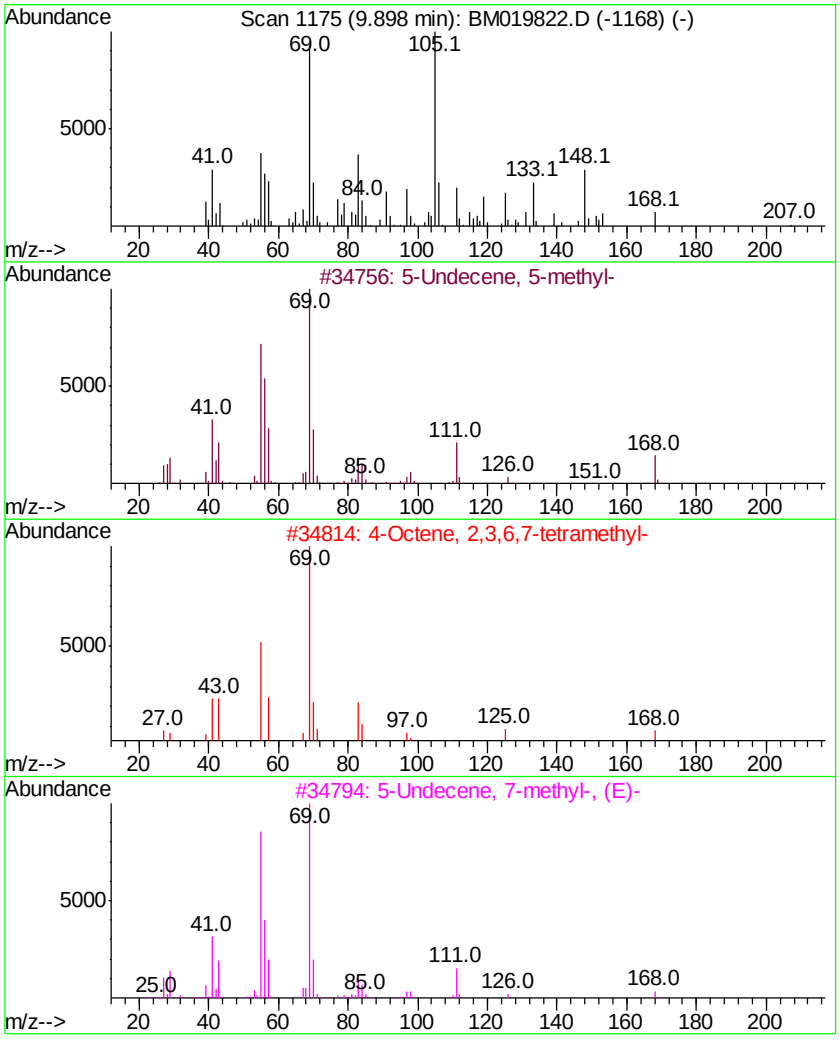
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

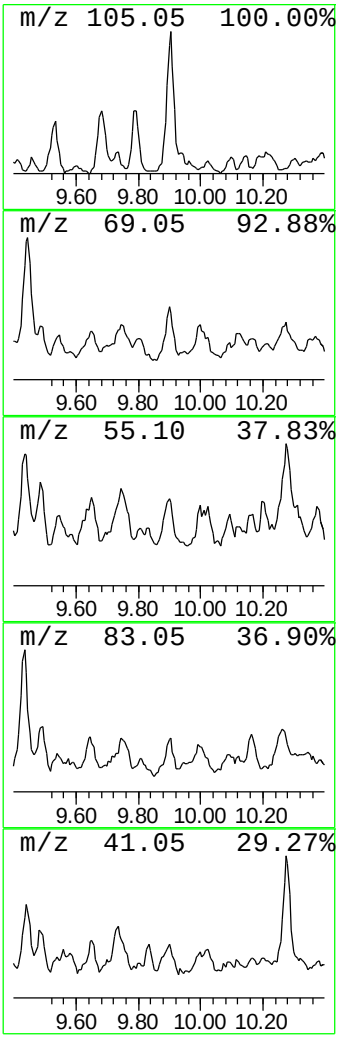
****

Peak Number 33 (DEL) Alkane: Cyclic9.90 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	5.49 ng/ul	359589	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecene, 5-methyl-	168	C12H24	031613-73-7	41
2	4-Octene, 2,3,6,7-tetramethyl-	168	C12H24	063830-66-0	38
3	5-Undecene, 7-methyl-, (E)-	168	C12H24	074630-66-3	38
4	Cyclohexane, 2-propyl-1,1,3-trim...	168	C12H24	081983-70-2	35
5	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	27





Library Search Compound Report

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Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

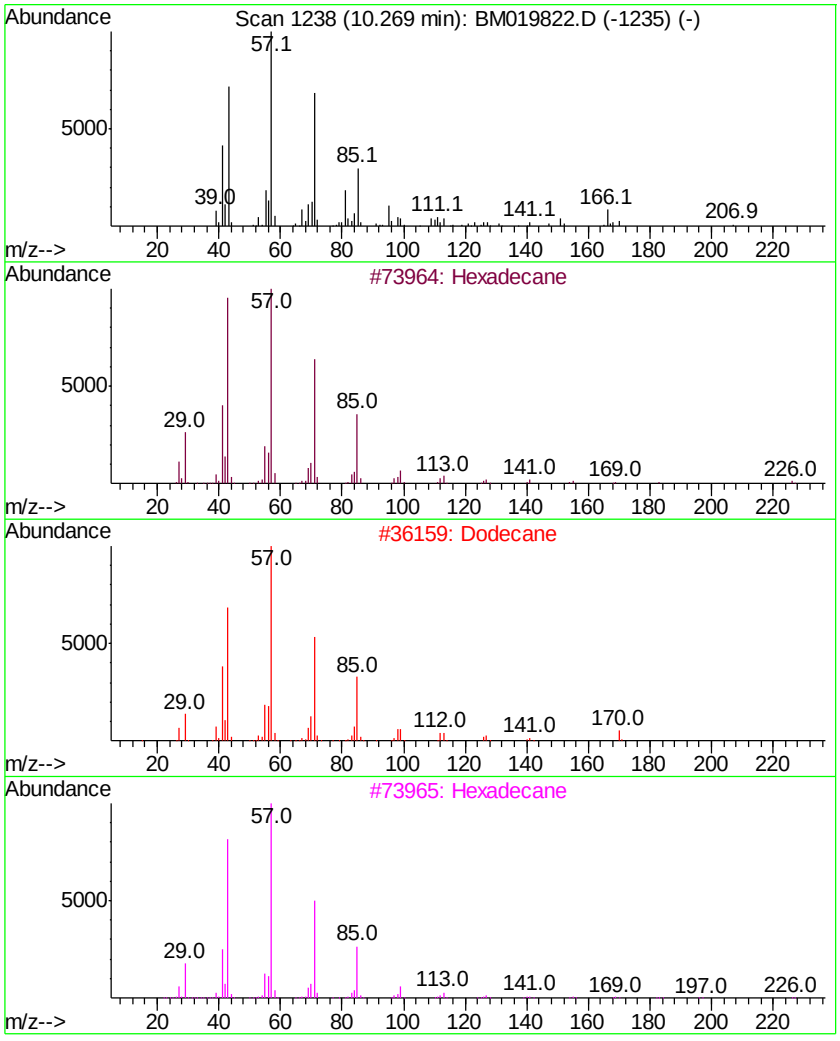
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

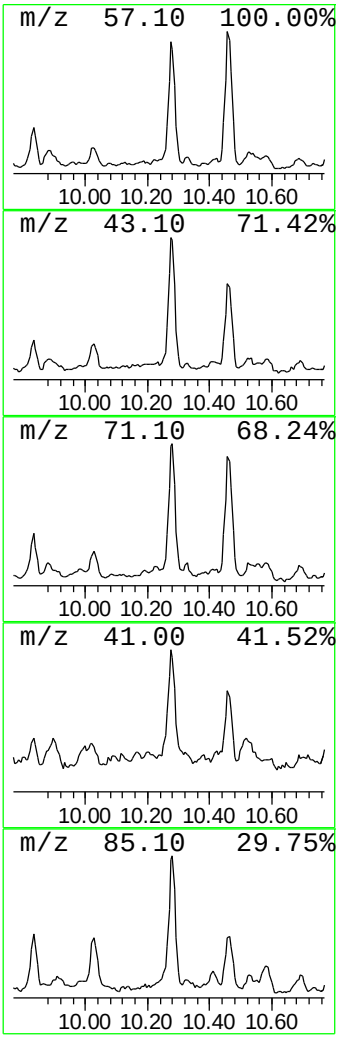
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	6.31 ng/ul	413734	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Dodecane	170	C12H26	000112-40-3	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Tridecane	184	C13H28	000629-50-5	80
5	Tetradecane	198	C14H30	000629-59-4	72





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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

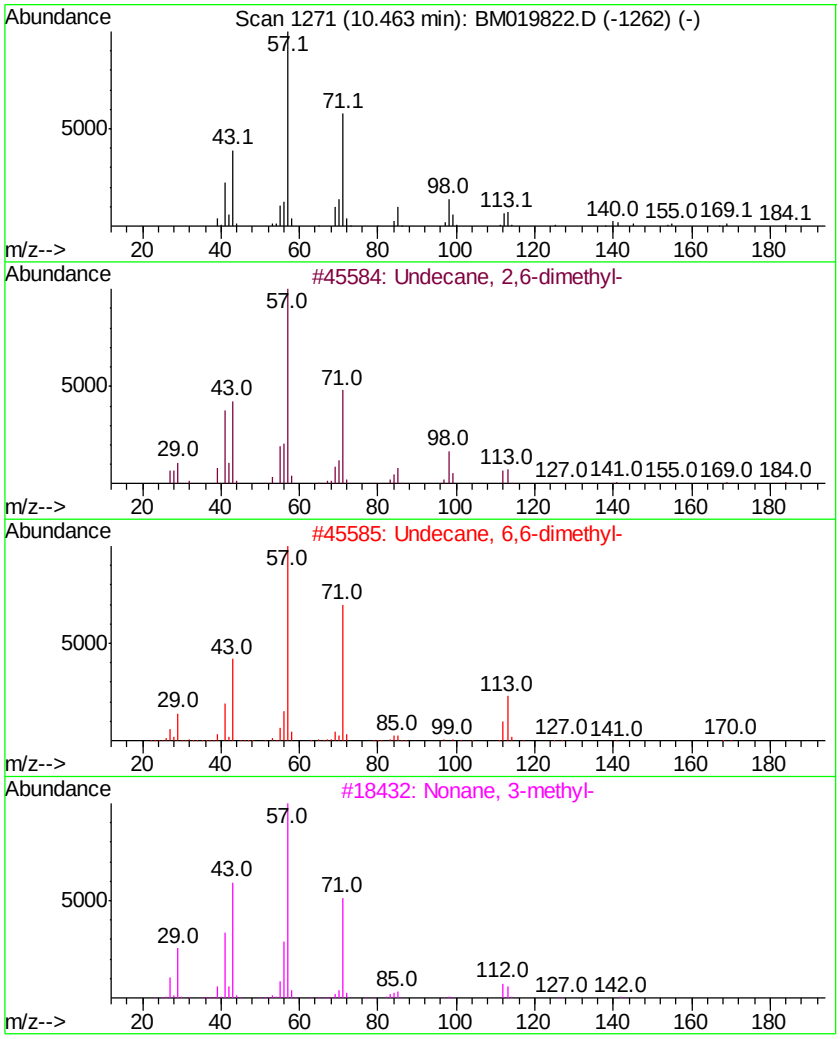
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

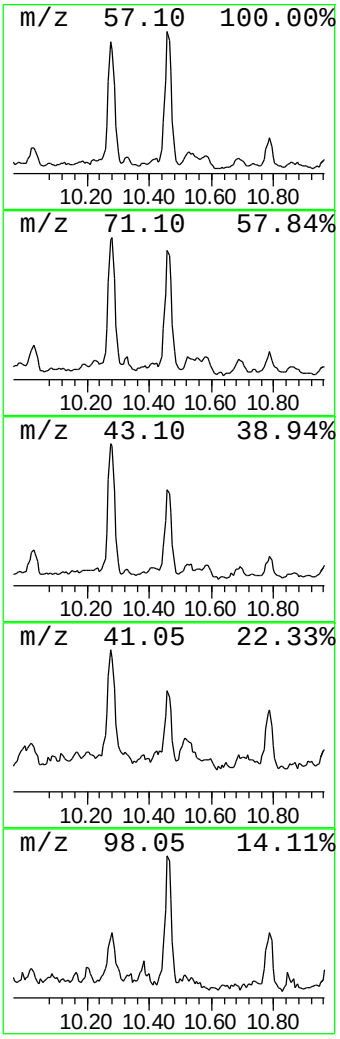
****

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	6.63 ng/ul	434620	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
2	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53





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Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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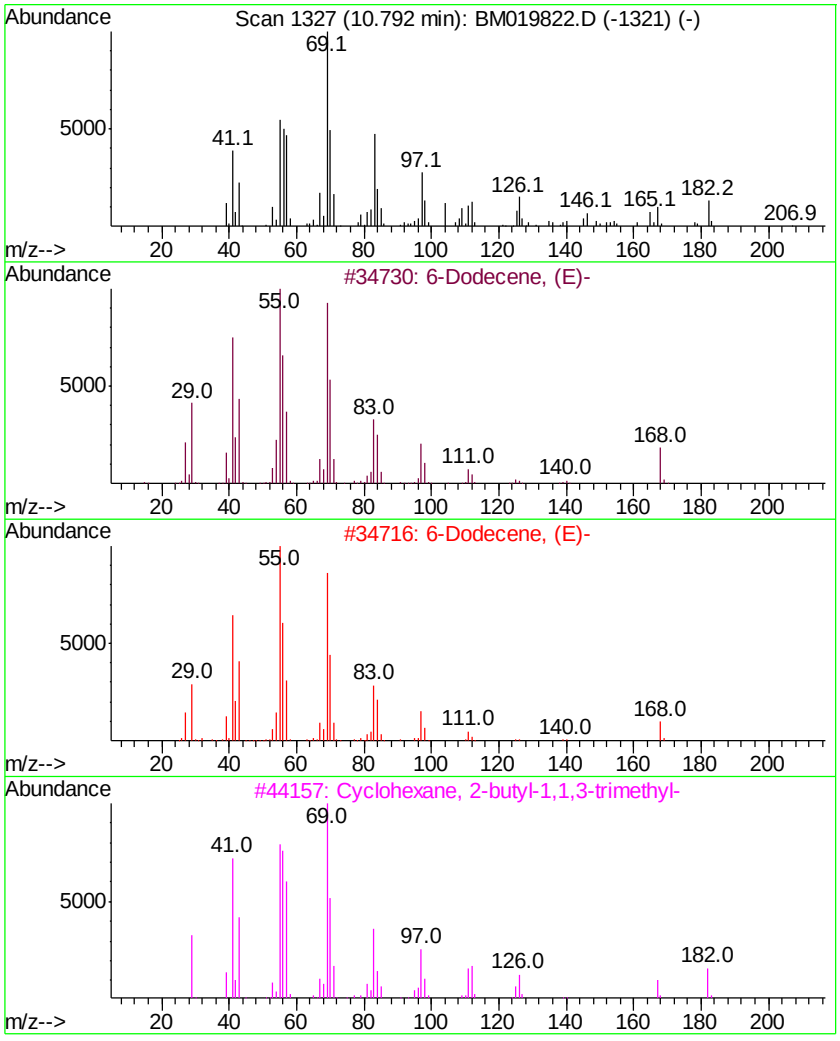
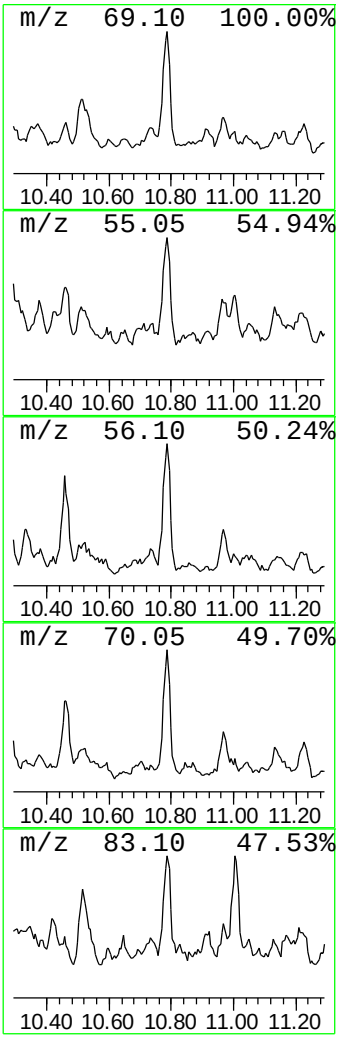
Peak Number 36 (DEL) Alkane: Cyclic10.79 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	5.46 ng/ul	357567	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Dodecene, (E)-	168	C12H24	007206-17-9	87
2	6-Dodecene, (E)-	168	C12H24	007206-17-9	87
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	81
4	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	78
5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	60





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Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

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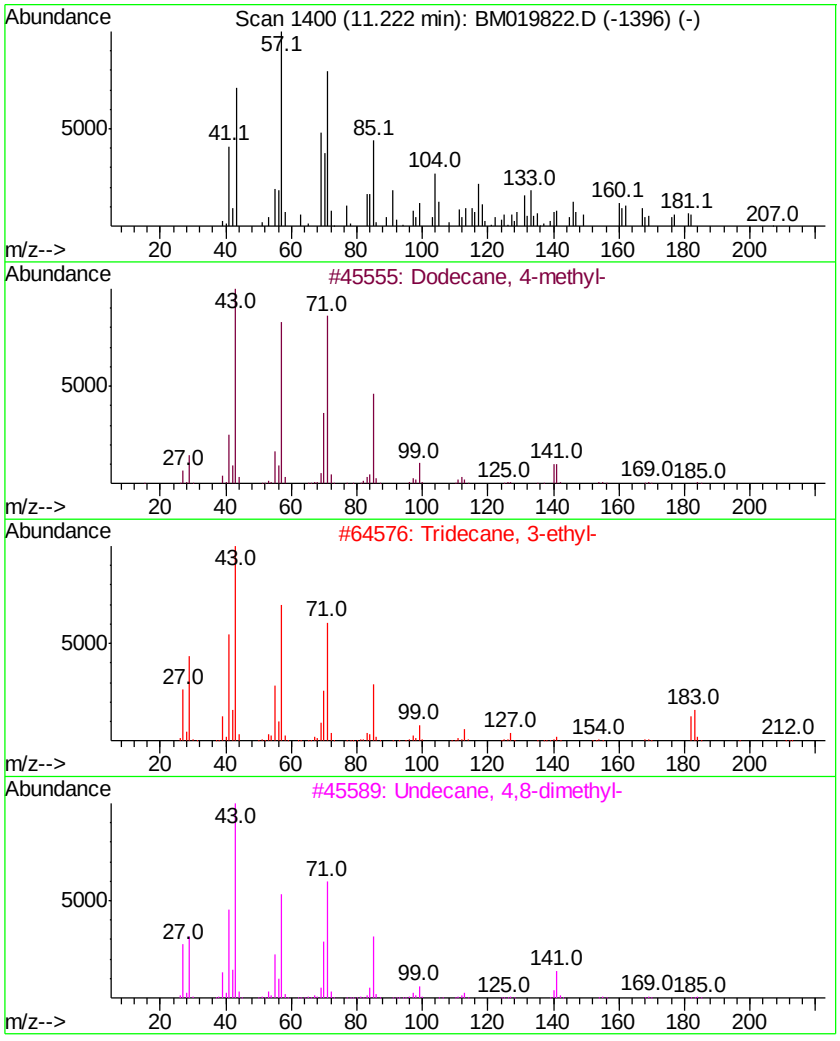
Quant Title : SVOA CALIBRATION

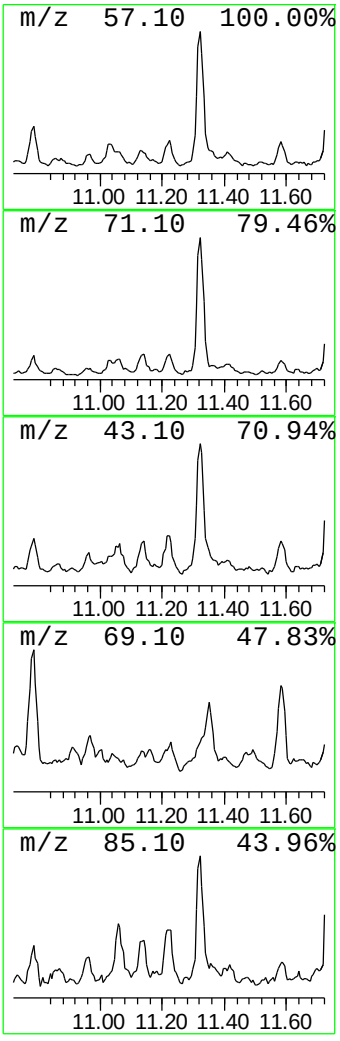
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.75 ng/ul	180213	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	43
2	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	43
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	43
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	43
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	43





Library Search Compound Report

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Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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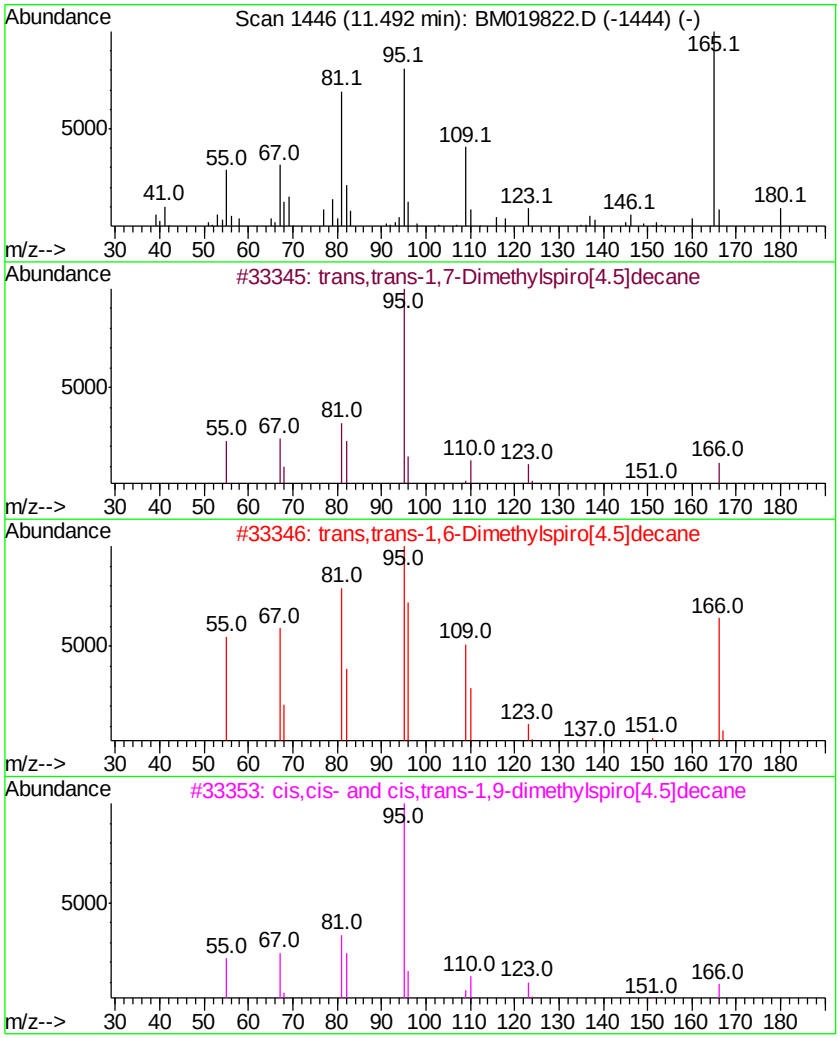
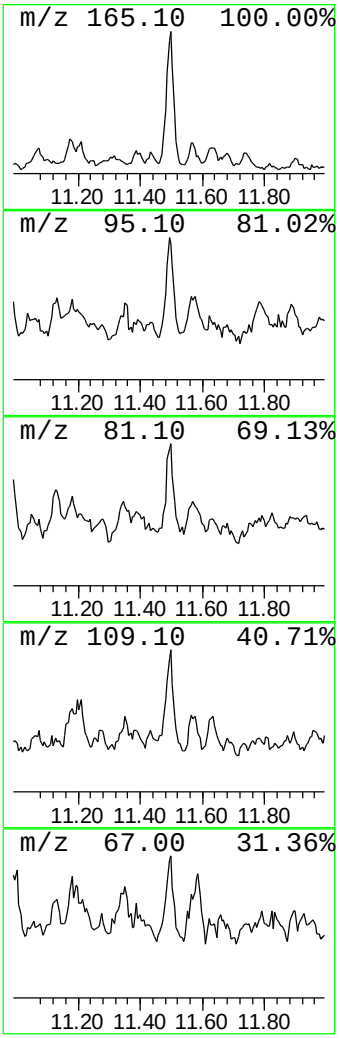
Peak Number 38 unknown-05 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.16 ng/ul	141585	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,trans-1,7-Dimethylspiro[4....	166	C12H22	1000111-72-6	43
2	trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	43
3	cis,cis- and cis,trans-1,9-dimet...	166	C12H22	1000111-72-5	43
4	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	38
5	1-Propanone, 1-[2-(1,1-dimethyle...	180	C12H20O	019576-21-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

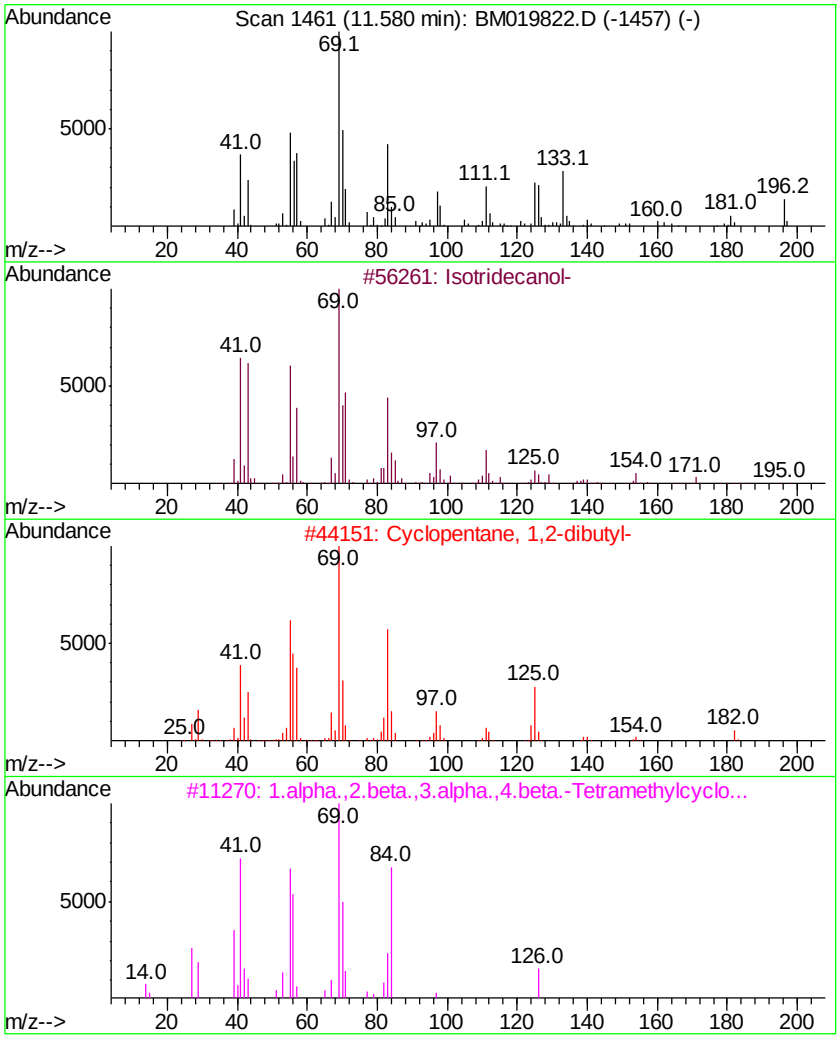
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

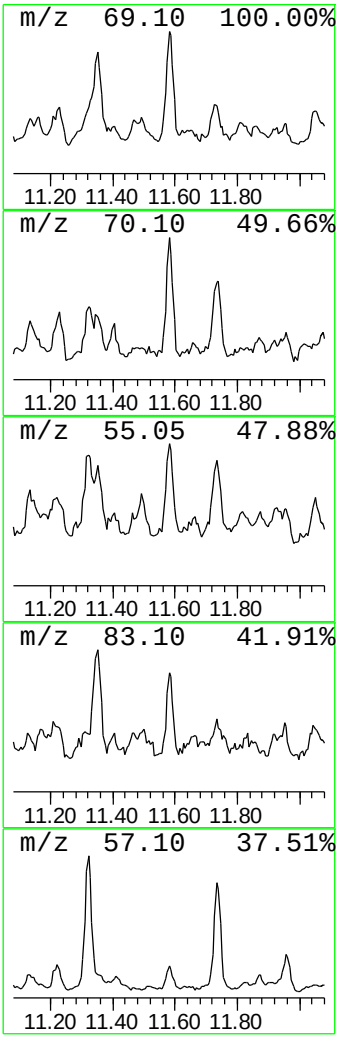
****

Peak Number 39 Isotridecanol- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	3.87 ng/ul	253854	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isotridecanol-	200	C13H28O	027458-92-0	59
2	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	58
3	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	47
4	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	47
5	2-Methyl-2-octene	126	C9H18	016993-86-5	38





Library Search Compound Report

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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

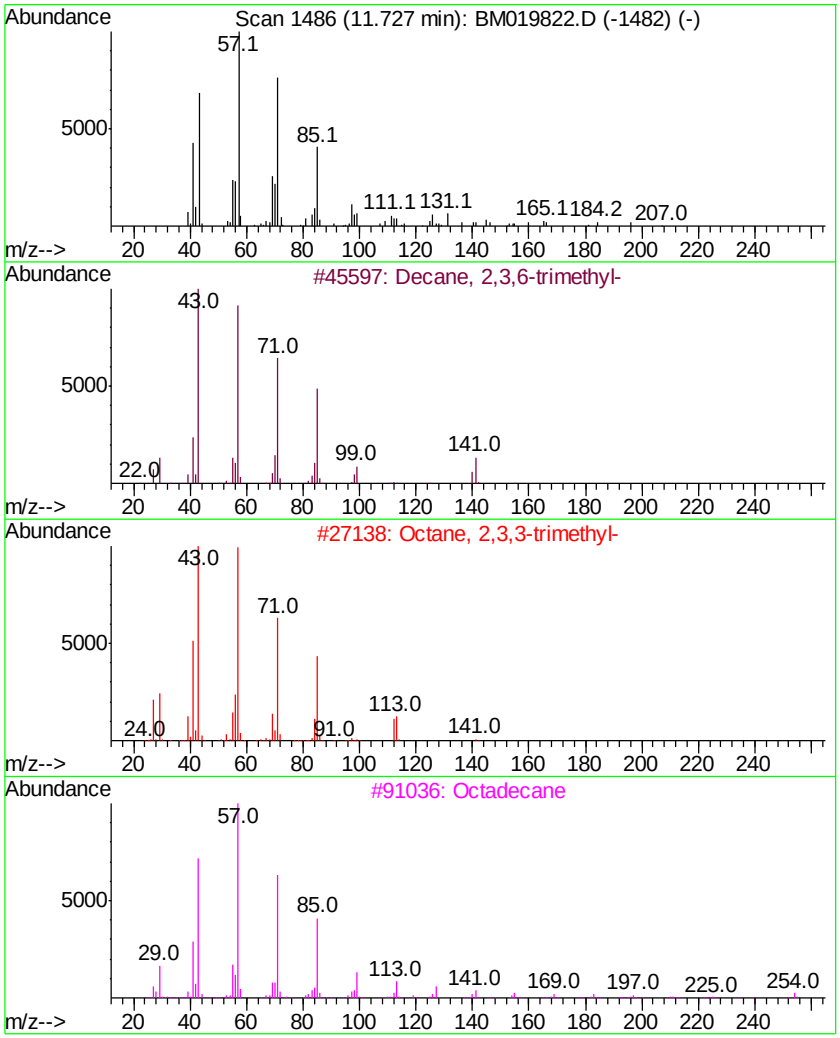
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

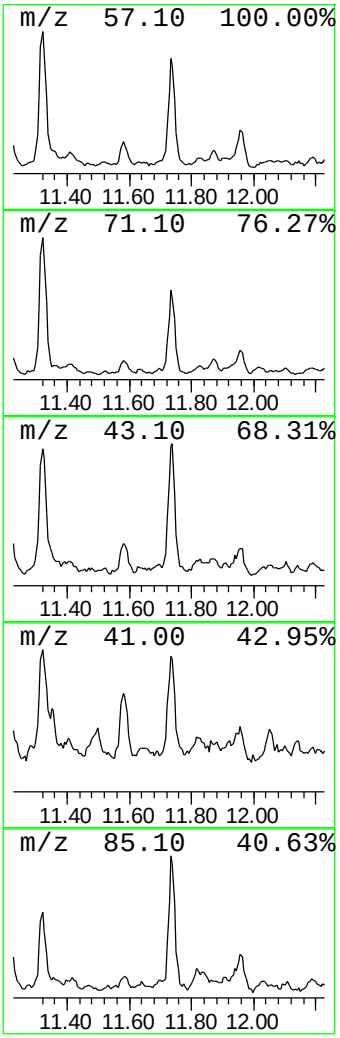
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	4.40 ng/ul	288242	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72
2	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	72
3	Octadecane	254	C18H38	000593-45-3	72
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72
5	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	64





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Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

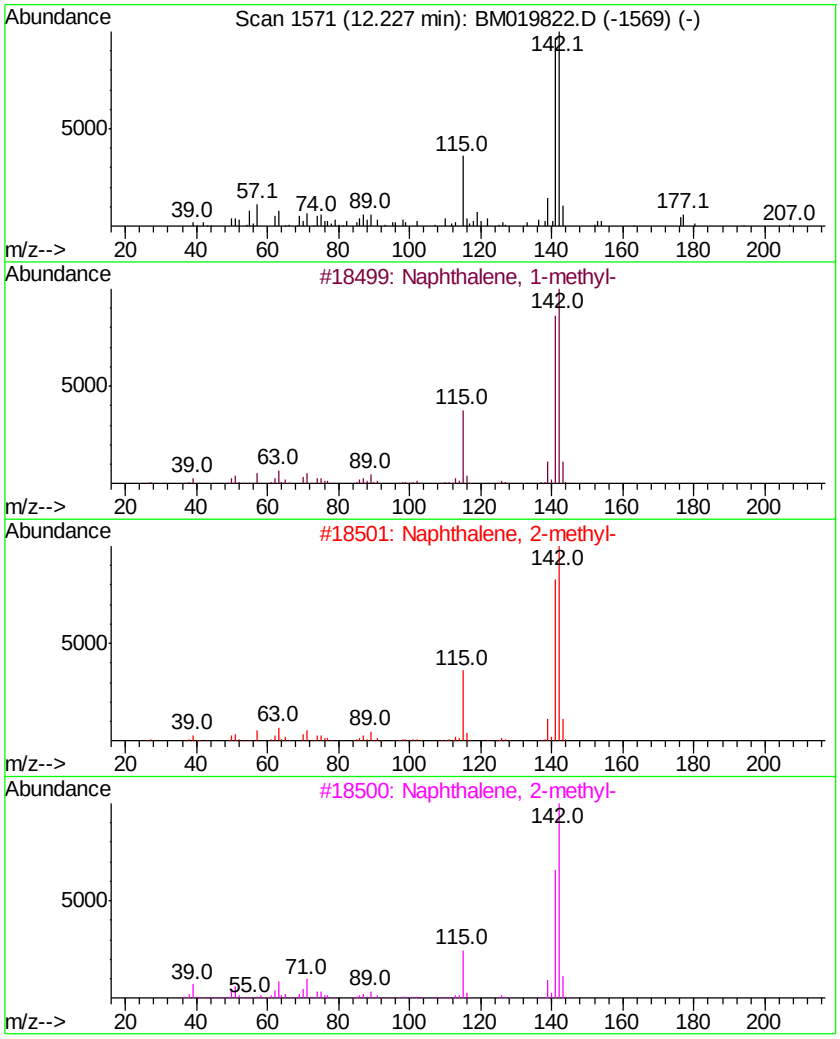
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

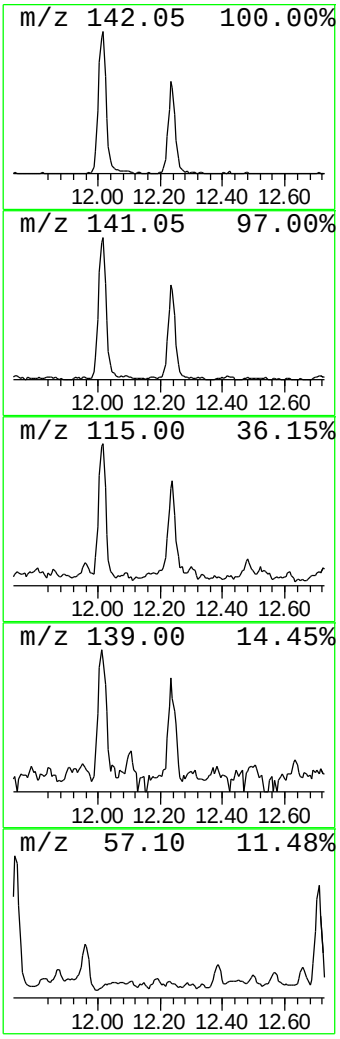
****

Peak Number 41 Naphthalene, 1-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	2.92 ng/ul	191295	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93





Library Search Compound Report

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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

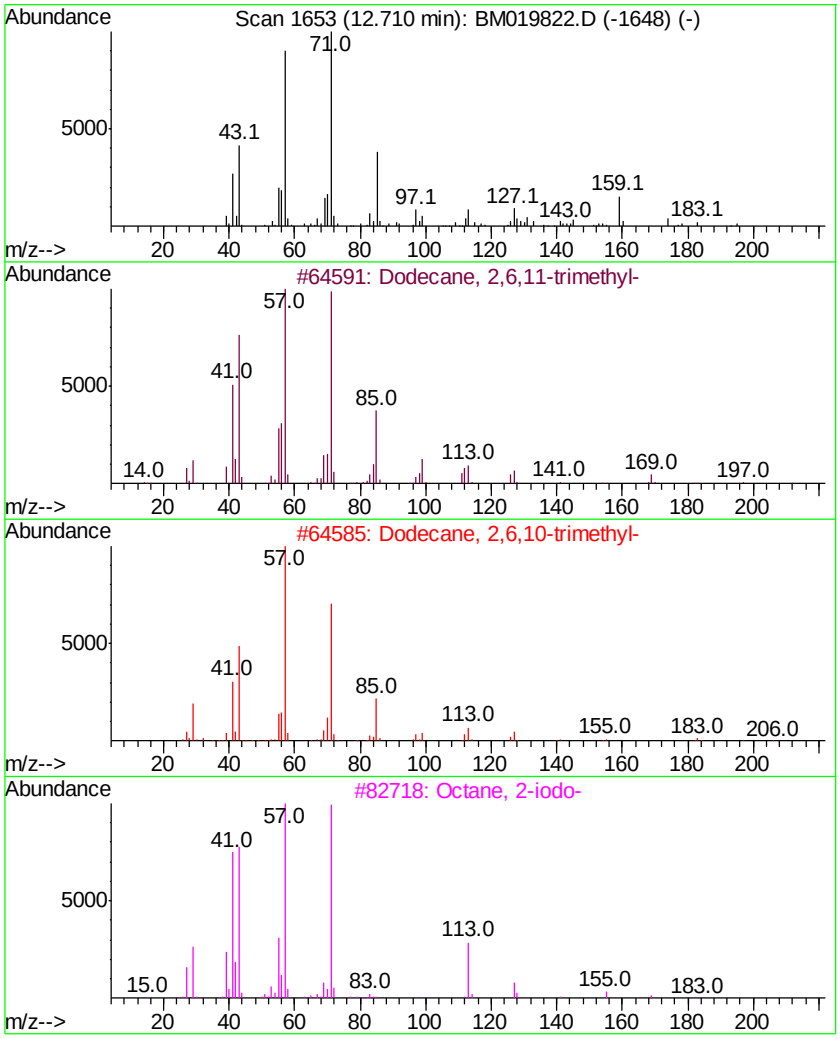
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

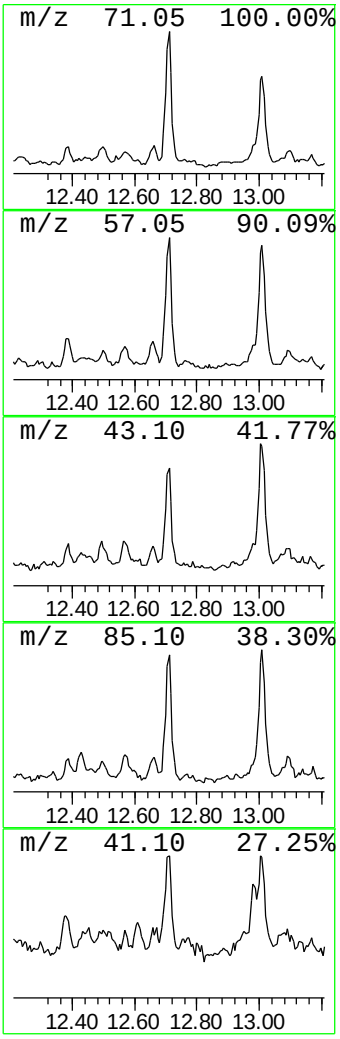
****

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	2.87 ng/ul	255144	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Octane, 2-iodo-	240	C8H17I	000557-36-8	47
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
5	1-Decene, 4-methyl-	154	C11H22	013151-29-6	43





Library Search Compound Report

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Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

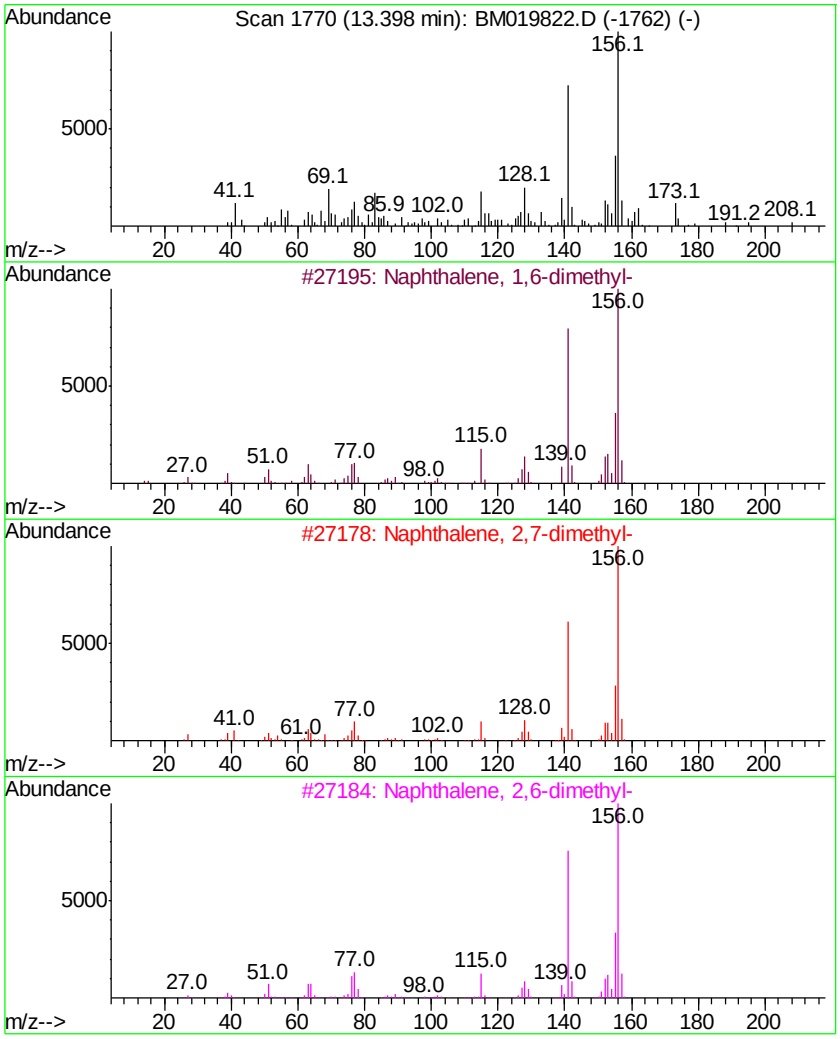
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

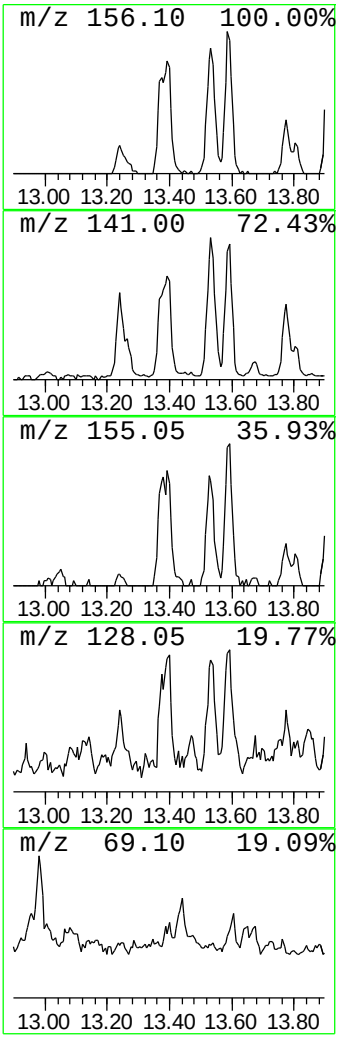
****

Peak Number 43 Naphthalene, 1,6-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	2.55 ng/ul	226570	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94





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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

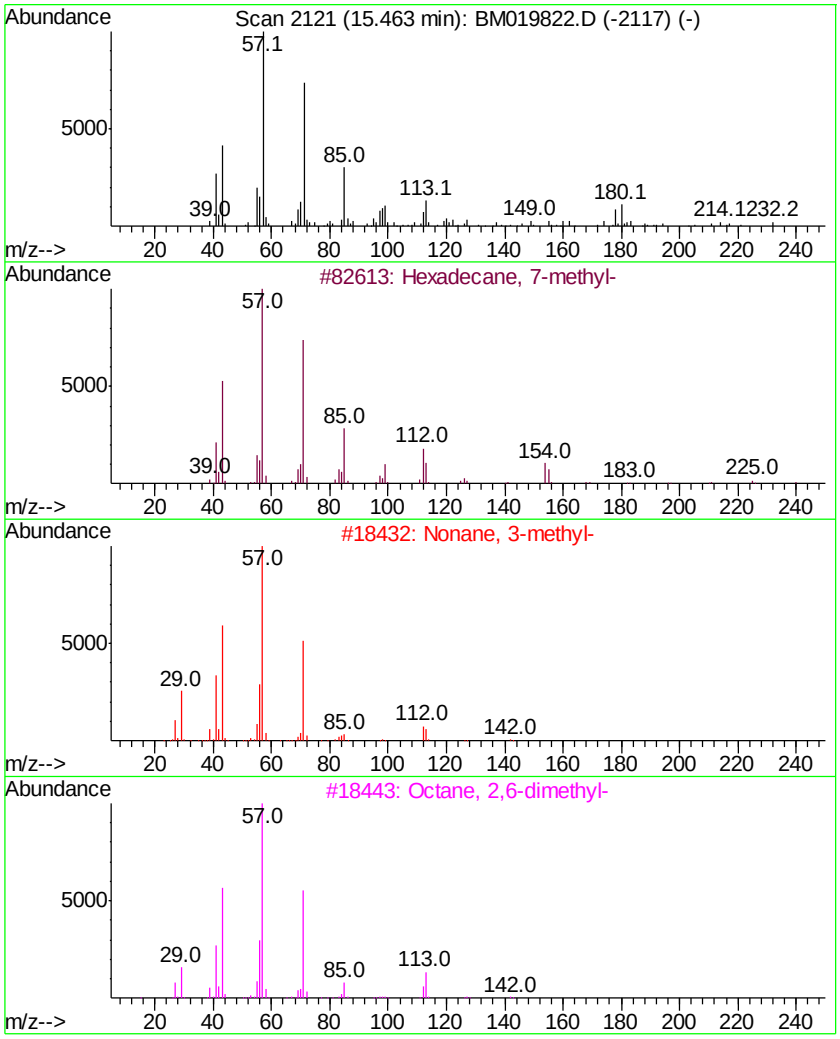
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

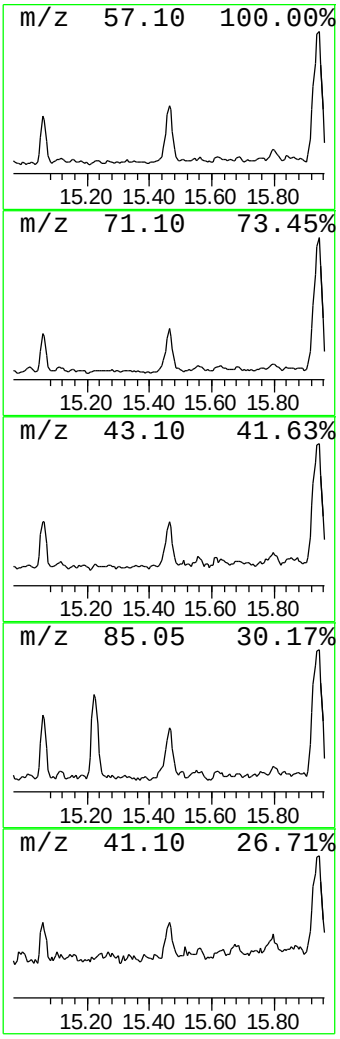
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	2.18 ng/ul	193697	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	52
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	52
5	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	50





Library Search Compound Report

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Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

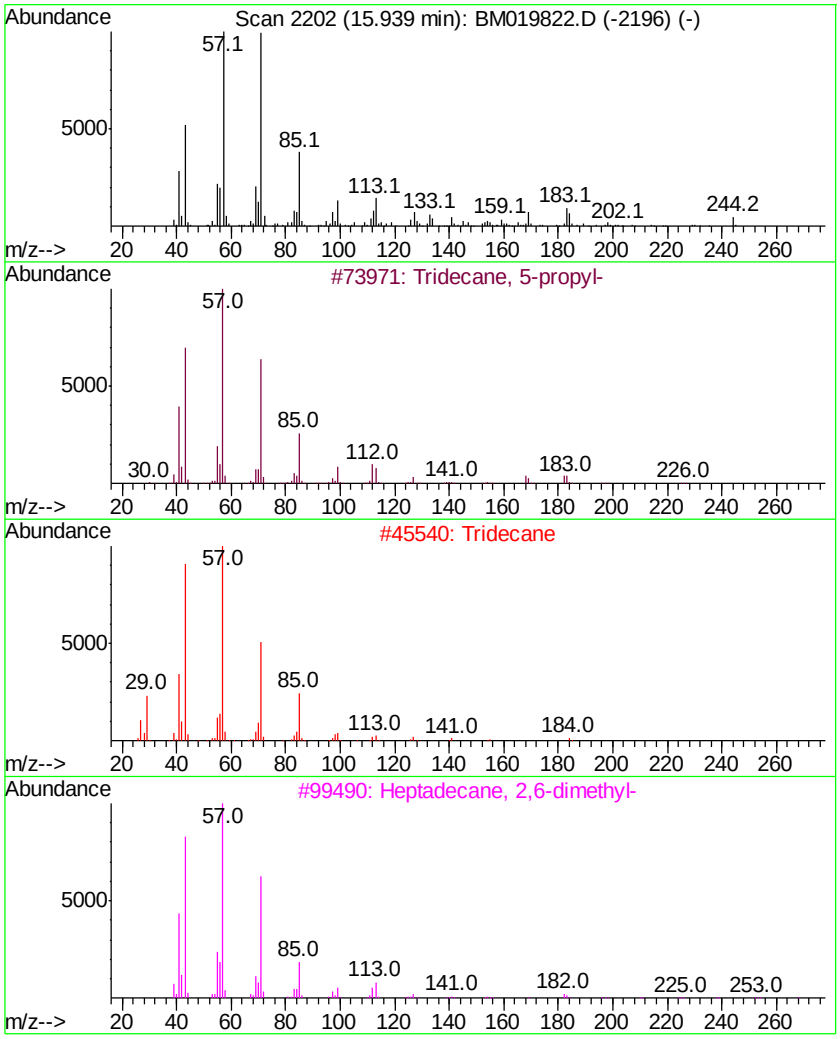
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

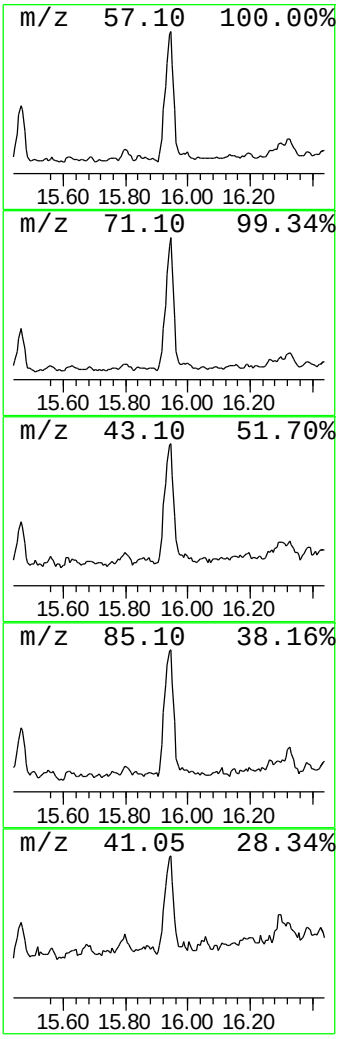
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	6.28 ng/ul	613699	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
2	Tridecane	184	C13H28	000629-50-5	64
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	59
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	52
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	52





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Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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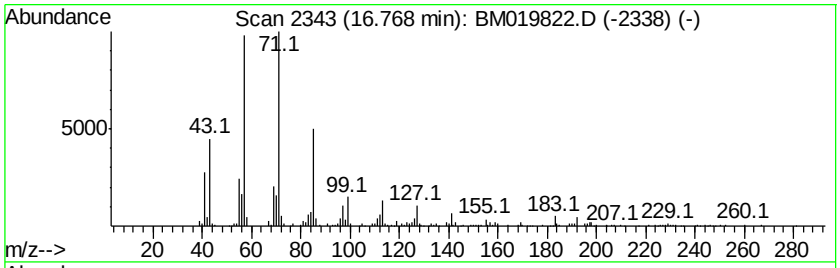
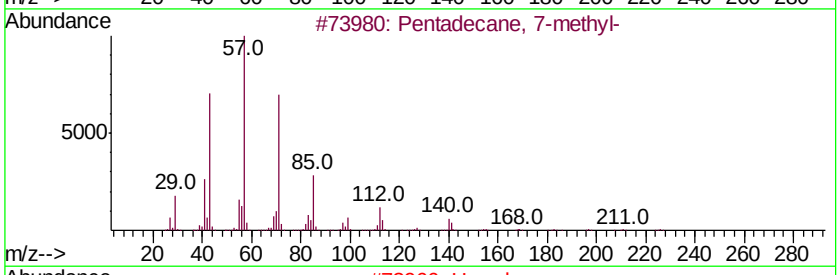
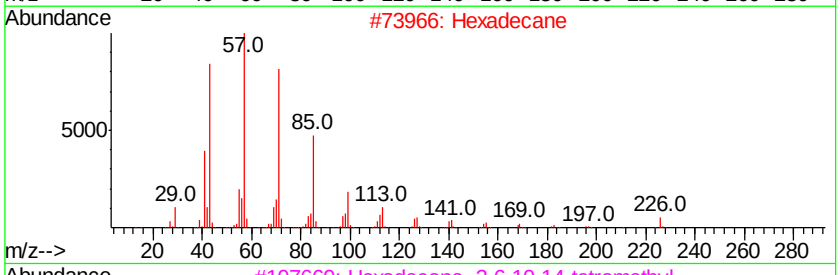
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 24

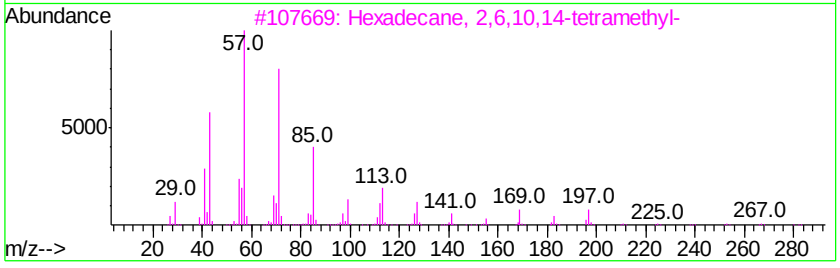
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	4.34 ng/ul	423403	Phenanthrene-d10	16.99

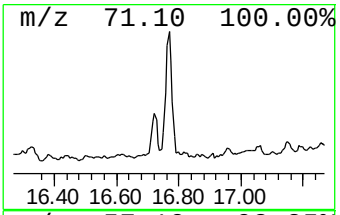
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Octacosane	394	C28H58	000630-02-4	80
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	80

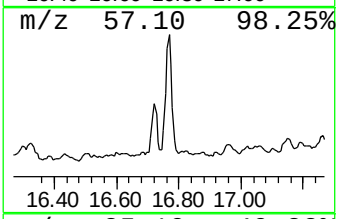


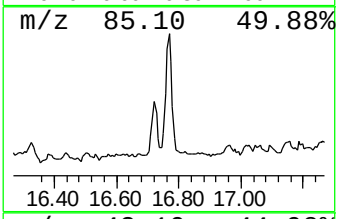


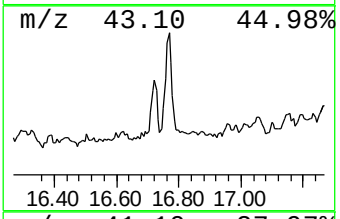


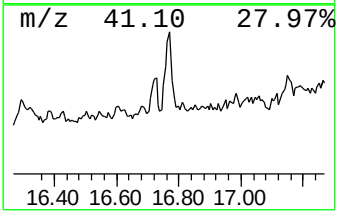












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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

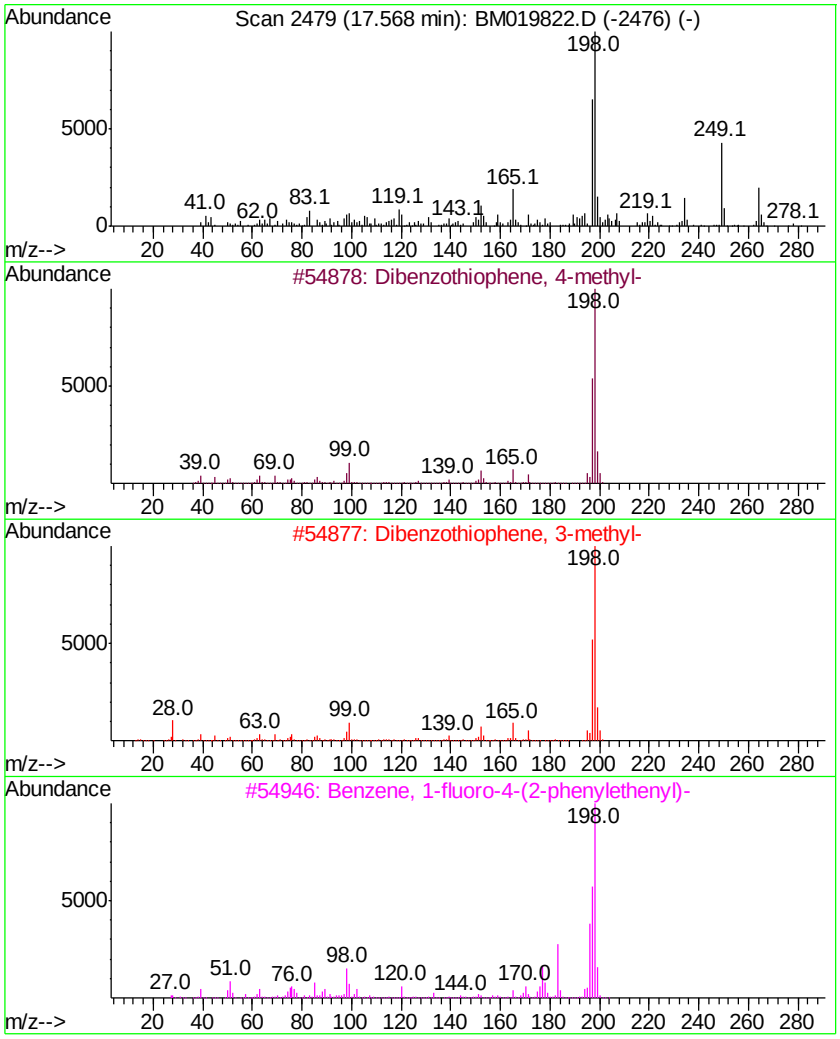
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

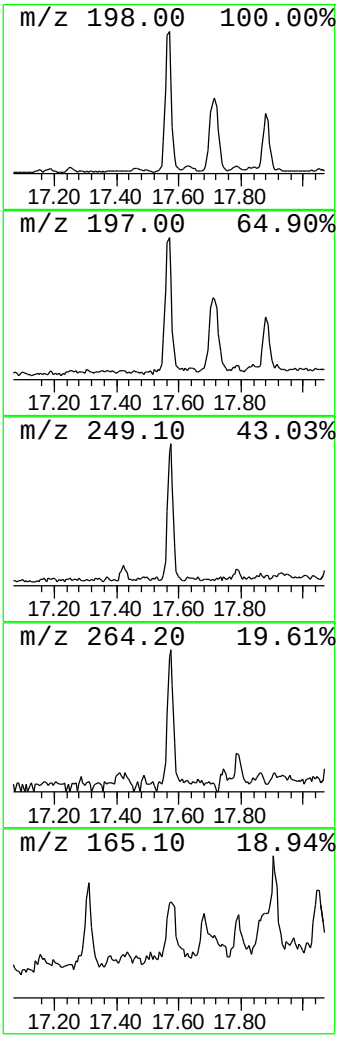
****

Peak Number 47 Dibenzothiophene, 4-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	2.77 ng/ul	270411	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	55
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	55
3	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	47
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	46
5	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	43





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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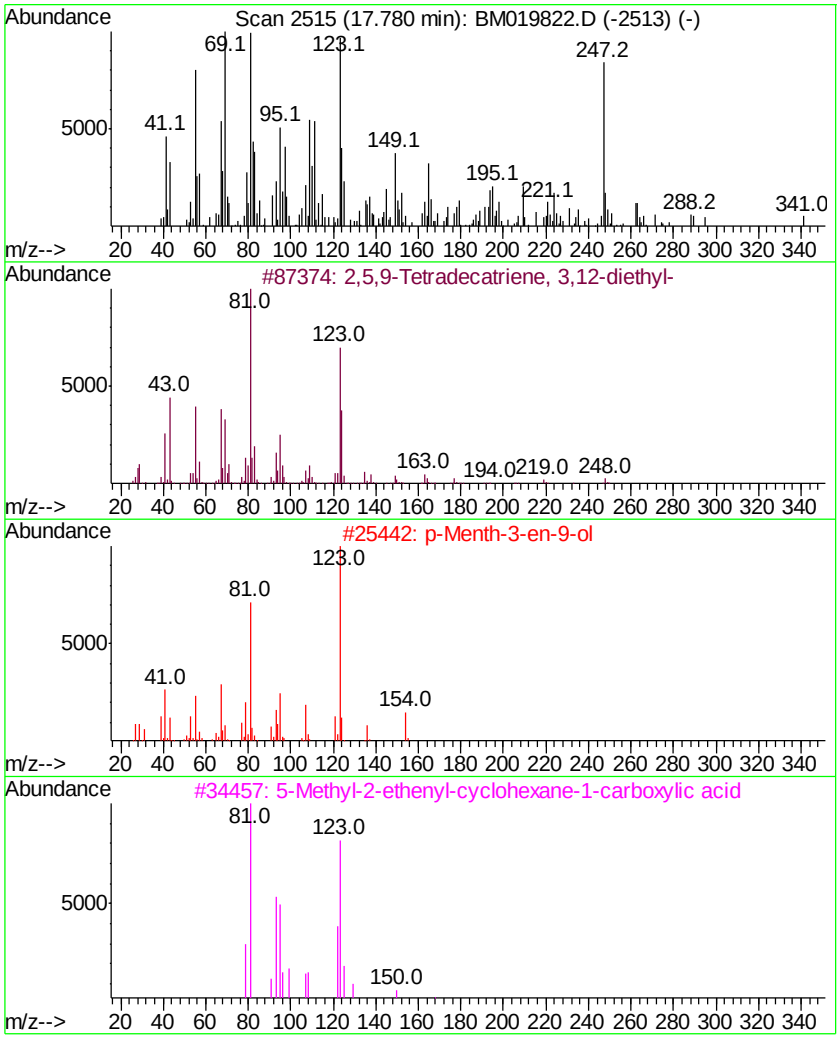
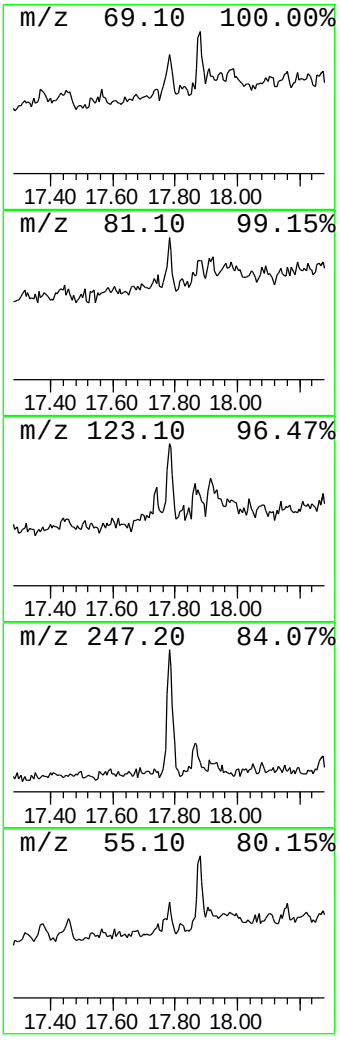
Peak Number 48 unknown-06 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	2.00 ng/ul	195373	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,9-Tetradecatriene, 3,12-diet...	248	C18H32	074685-87-3	38
2	p-Menth-3-en-9-ol	154	C10H18O	015714-10-0	38
3	5-Methyl-2-ethenyl-cyclohexane-1...	168	C10H16O2	1000144-53-6	38
4	(1aR,3S,3aS,7R,7aR,7bS)-(-)-1a,2...	222	C15H26O	028329-86-4	35
5	2-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	000432-24-6	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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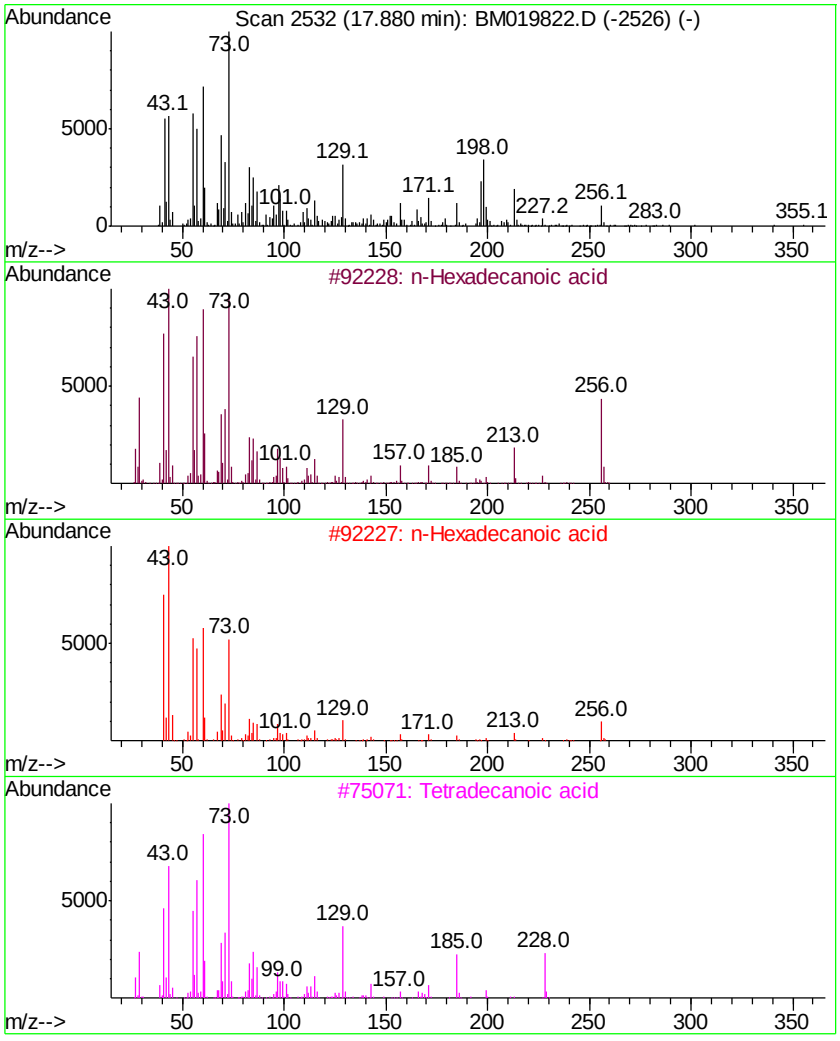
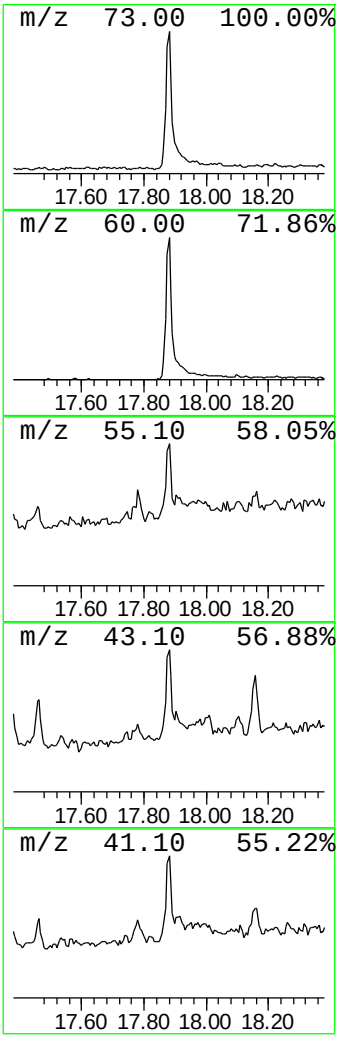
Peak Number 49 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	8.42 ng/ul	822302	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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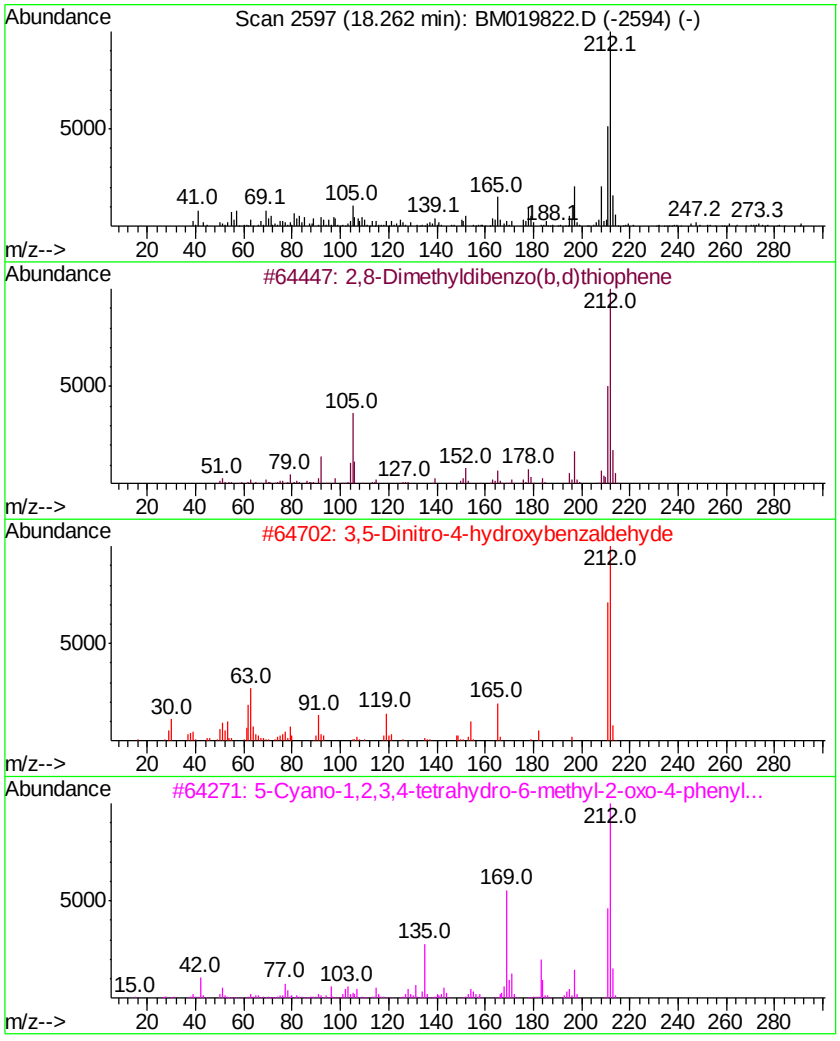
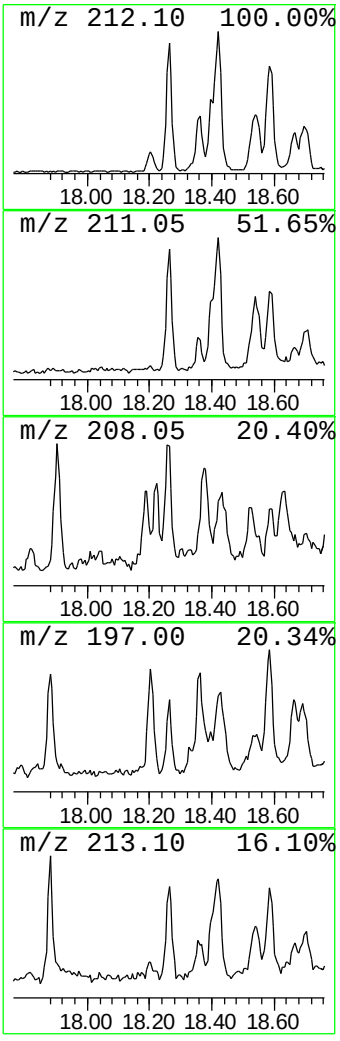
Peak Number 50 2,8-Dimethyldibenzo(b,d)thi... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.25 ng/ul	219667	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	91
2	3,5-Dinitro-4-hydroxybenzaldehyde	212	C7H4N2O6	052132-61-3	50
3	5-Cyano-1,2,3,4-tetrahydro-6-met...	212	C13H12N2O	027036-92-6	45
4	Benzo[c]2,7-naphthiridine-4,5(3H...	212	C12H8N2O2	174565-23-2	43
5	Harmine	212	C13H12N2O	000442-51-3	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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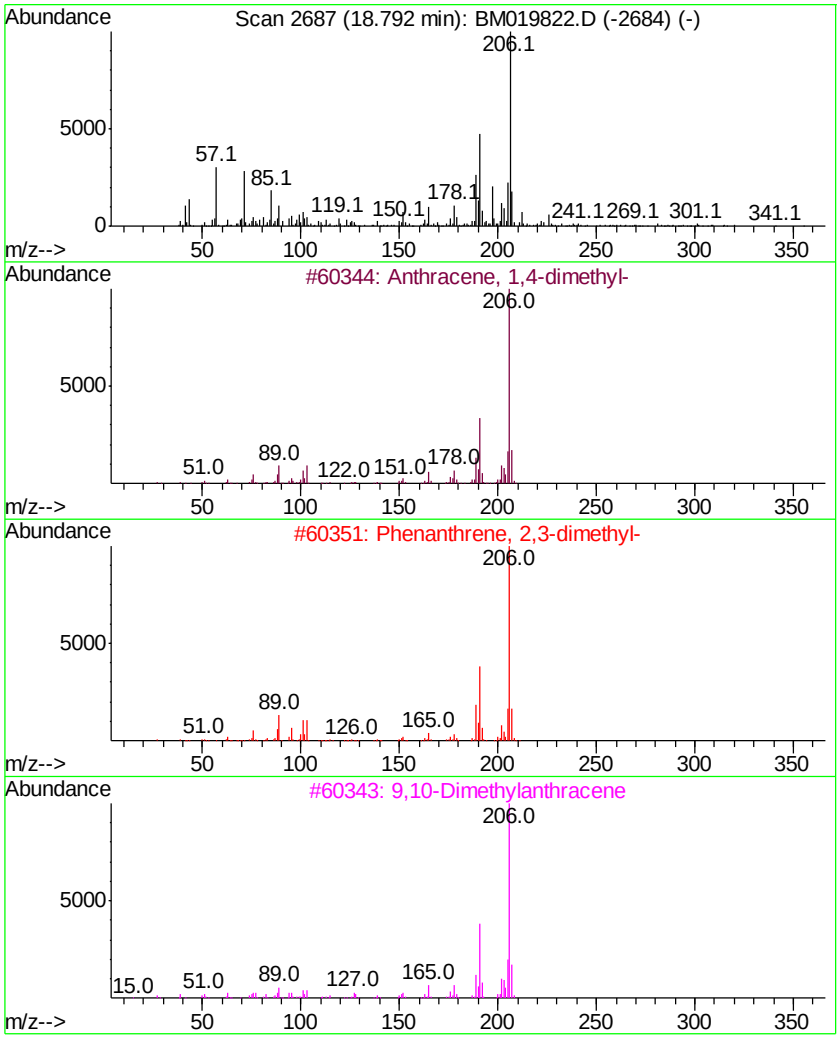
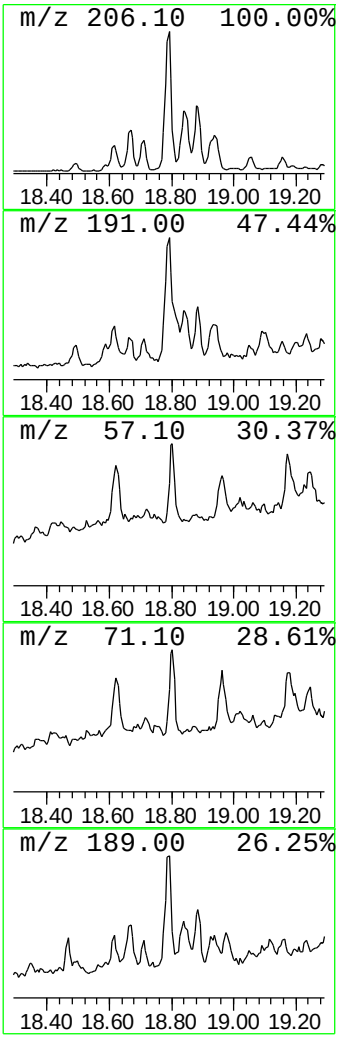
Peak Number 51 Anthracene, 1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	6.67 ng/ul	651079	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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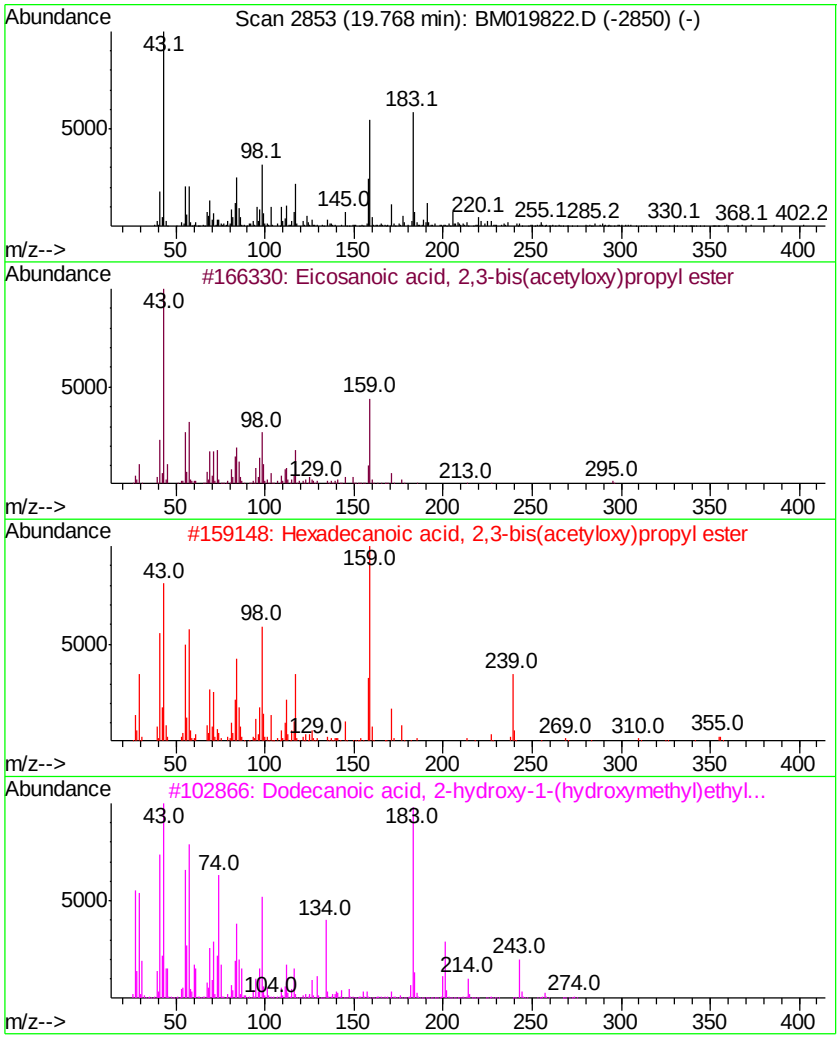
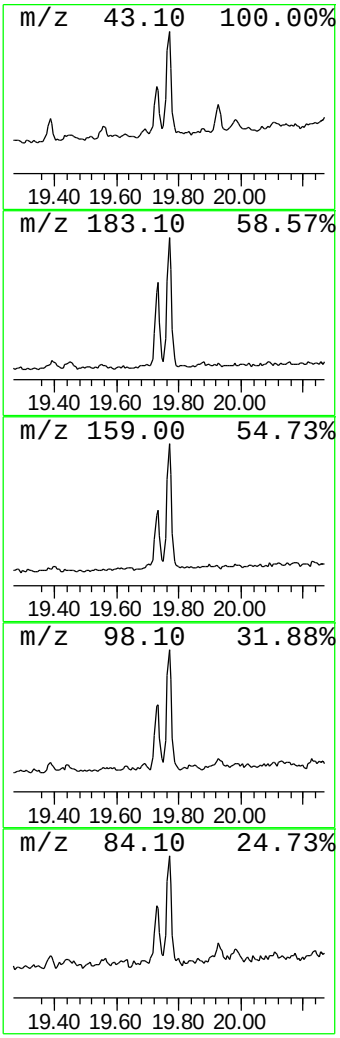
Peak Number 52 unknown-07 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	6.08 ng/ul	791421	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2,3-bis(acetyloxy...	470	C27H50O6	055429-67-9	49
2	Hexadecanoic acid, 2,3-bis(acetyl...	414	C23H42O6	055268-70-7	49
3	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	25
4	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	25
5	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019822.D
Acq On : 09 Apr 2019 08:22
Operator : JU/SJ
Sample : K2188-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	4.77	3.8	ng/ul	236946	1	7.56	1261340	20.0
(DEL) Alkane: Cyc...	5.43	2.6	ng/ul	162020	1	7.56	1261340	20.0
(DEL) Alkane: Cyc...	5.57	2.7	ng/ul	172057	1	7.56	1261340	20.0
(DEL) Alkane: Cyc...	5.81	3.7	ng/ul	235319	1	7.56	1261340	20.0
unknown-01	6.05	2.8	ng/ul	175337	1	7.56	1261340	20.0
(DEL) Alkane: Str...	6.09	2.7	ng/ul	172462	1	7.56	1261340	20.0
(DEL) Alkane: Cyc...	6.17	5.2	ng/ul	327850	1	7.56	1261340	20.0
Benzene, 1-ethyl-...	6.63	2.5	ng/ul	154999	1	7.56	1261340	20.0
(DEL) Alkane: Cyc...	6.67	10.2	ng/ul	645448	1	7.56	1261340	20.0
((5-Isopropyl-2-m...	7.02	3.2	ng/ul	200907	1	7.56	1261340	20.0
Benzene, 1,2,3-tr...	7.19	4.8	ng/ul	305984	1	7.56	1261340	20.0
(DEL) Alkane: Cyc...	7.34	2.7	ng/ul	172068	1	7.56	1261340	20.0
(DEL) Alkane: Cyc...	7.44	6.0	ng/ul	379305	1	7.56	1261340	20.0
(DEL) Alkane: Str...	7.49	5.9	ng/ul	372709	1	7.56	1261340	20.0
Benzene, 1,2,4-tr...	7.66	5.8	ng/ul	369055	1	7.56	1261340	20.0
(DEL) Alkane: Str...	7.77	3.0	ng/ul	189494	1	7.56	1261340	20.0
(DEL) Alkane: Cyc...	7.80	3.2	ng/ul	201806	1	7.56	1261340	20.0
(DEL) Alkane: Cyc...	8.07	14.2	ng/ul	892147	1	7.56	1261340	20.0
Benzene, 1-ethyl-...	8.17	5.8	ng/ul	364512	1	7.56	1261340	20.0
Naphthalene, deca...	8.35	2.6	ng/ul	166962	1	7.56	1261340	20.0
Benzene, 1-methyl...	8.49	4.5	ng/ul	286032	1	7.56	1261340	20.0
Benzene, 1-methyl...	8.54	2.3	ng/ul	142613	1	7.56	1261340	20.0
(DEL) Alkane: Cyc...	8.62	11.4	ng/ul	717886	1	7.56	1261340	20.0
unknown-02	8.82	2.7	ng/ul	168649	1	7.56	1261340	20.0
(DEL) Alkane: Cyc...	8.87	6.7	ng/ul	423394	1	7.56	1261340	20.0
Benzene, 1-ethyl-...	8.97	4.4	ng/ul	285998	2	10.34	1310540	20.0
unknown-03	9.04	2.7	ng/ul	175368	2	10.34	1310540	20.0
unknown-04	9.15	3.3	ng/ul	218025	2	10.34	1310540	20.0
Naphthalene, deca...	9.23	5.6	ng/ul	369480	2	10.34	1310540	20.0
(DEL) Alkane: Cyc...	9.34	3.0	ng/ul	194001	2	10.34	1310540	20.0
Benzene, 1-methyl...	9.53	3.3	ng/ul	214966	2	10.34	1310540	20.0
Benzene, 1-methyl...	9.73	6.9	ng/ul	449732	2	10.34	1310540	20.0
(DEL) Alkane: Cyc...	9.90	5.5	ng/ul	359589	2	10.34	1310540	20.0
(DEL) Alkane: Str...	10.27	6.3	ng/ul	413734	2	10.34	1310540	20.0
(DEL) Alkane: Str...	10.46	6.6	ng/ul	434620	2	10.34	1310540	20.0
(DEL) Alkane: Cyc...	10.79	5.5	ng/ul	357567	2	10.34	1310540	20.0
(DEL) Alkane: Str...	11.22	2.8	ng/ul	180213	2	10.34	1310540	20.0
unknown-05	11.49	2.2	ng/ul	141585	2	10.34	1310540	20.0
Isotridecanol-	11.58	3.9	ng/ul	253854	2	10.34	1310540	20.0
(DEL) Alkane: Str...	11.73	4.4	ng/ul	288242	2	10.34	1310540	20.0
Naphthalene, 1-me...	12.23	2.9	ng/ul	191295	2	10.34	1310540	20.0
(DEL) Alkane: Str...	12.71	2.9	ng/ul	255144	3	14.22	1777270	20.0
Naphthalene, 1,6-...	13.40	2.5	ng/ul	226570	3	14.22	1777270	20.0
(DEL) Alkane: Str...	15.46	2.2	ng/ul	193697	3	14.22	1777270	20.0
(DEL) Alkane: Str...	15.94	6.3	ng/ul	613699	4	16.99	1953320	20.0
(DEL) Alkane: Str...	16.77	4.3	ng/ul	423403	4	16.99	1953320	20.0
Dibenzothiophene,...	17.57	2.8	ng/ul	270411	4	16.99	1953320	20.0
unknown-06	17.78	2.0	ng/ul	195373	4	16.99	1953320	20.0
n-Hexadecanoic acid	17.88	8.4	ng/ul	822302	4	16.99	1953320	20.0

2,8-Dimethyldiben...	18.26	2.3	ng/ul	219667	4	16.99	1953320	20.0
Anthracene, 1,4-d...	18.79	6.7	ng/ul	651079	4	16.99	1953320	20.0
unknown-07	19.77	6.1	ng/ul	791421	5	21.20	2602310	20.0

Instrument :
BNA_M
ClientSampleId :
BF654