LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

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-BM011520MA.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	6.646	629	639	648	rBV	401937	677886	13.18%	0.823%
2	6.805	660	666	674	rBV	314895	478054	9.29%	0.580%
3	6.993	692	698	706	rBV	441443	682720	13.27%	0.829%
4	7.458	770	777	787	rBV	765235	1228182	23.88%	1.491%
5	8.163	891	897	908	rVV	517232	792320	15.40%	0.962%
6	8.593	959	970	979	rBV	441228	770473	14.98%	0.935%
7	8.704	985	989	999	rVB2	55601	93346	1.81%	0.113%
8	9.304	1086	1091	1099	rBV	379402	615626	11.97%	0.747%
9	9.646	1139	1149	1156	rBV7	45956	146299	2.84%	0.178%
10	9.846	1177	1183	1194	rVB	597796	979144	19.04%	1.189%
11	10.216	1239	1246	1250	rVV	1139268	2041347	39.69%	2.478%
12	10.263	1250	1254	1263	rVV	1636805	2665244	51.82%	3.236%
13	10.351	1263	1269	1278	rVV	476149	868814	16.89%	1.055%
14	10.428	1278	1282	1291	rVV2	52495	94479	1.84%	0.115%
15	11.287	1419	1428	1433	rBV3	71412	153079	2.98%	0.186%
16	11.693	1488	1497	1502	rBV	280355	425612	8.27%	0.517%
17	11.887	1524	1530	1539	rVV	1650601	2635341	51.24%	3.200%
18	12.110	1558	1568	1574	rBV	818729	1319866	25.66%	1.602%
19	12.675	1658	1664	1674	rVB	106712	174803	3.40%	0.212%
20	12.928	1701	1707	1710	rBV	181107	277285	5.39%	0.337%
21	12.963	1710	1713	1721	rVV	380680	559335	10.87%	0.679%
22	13.034	1721	1725	1734	rVV	45482	124582	2.42%	0.151%
23	13.128	1735	1741	1749	rVV	158173	308378	6.00%	0.374%
24	13.222	1753	1757	1759	rBV2	72616	108877	2.12%	0.132%
25	13.263	1759	1764	1773	rVB2	640160	1382401	26.88%	1.678%
26	13.422	1782	1791	1796	rBV	526522	927297	18.03%	1.126%
27	13.475	1796	1800	1804	rBV	313210	434020	8.44%	0.527%
28	13.522	1804	1808	1813	rBV	1219325	1668181	32.43%	2.025%
29	13.569	1813	1816	1821	rVB	390247	505320	9.82%	0.614%
30	13.663	1821	1832	1843	rVB2	270978	806607	15.68%	0.979%
31	13.787	1843	1853	1858	rBV	1330877	2137601	41.56%	2.595%
32	14.051	1893	1898	1902	rVV	487619	664248	12.91%	0.806%
33	14.104	1902	1907	1913	rVV	2052905	3096921	60.21%	3.760%
34	14.163	1913	1917	1921	rVV	111146	169281	3.29%	0.206%

LSC Area Percent Report

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Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

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-BM011520MA.M
Title : SVOA CALIBRATION

35	14.204	1921	1924	1927	rVV2	78033	94898	1.85%	0.115%
36	14.316	1938	1943	1953	rBV2	569477	985570	19.16%	1.197%
37	14.510	1967	1976	1982	rBV3	212784	519820	10.11%	0.631%
38	14.592	1982	1990	1996	rVB2	148680	298972	5.81%	0.363%
39	14.675	2001	2004	2008	rVV	121109	171383	3.33%	0.208%
40	14.739	2008	2015	2019	rVV5	120765	279836	5.44%	0.340%
41	14.786	2019	2023	2028	rVB	130038	174382	3.39%	0.212%
42	14.910	2036	2044	2047	rBV3	101493	179353	3.49%	0.218%
43	15.016	2058	2062	2066	rVV	468288	556389	10.82%	0.676%
44	15.104	2071	2077	2082	rVV	1935838	2692827	52.36%	3.269%
45	15.157	2082	2086	2092	rVB	450787	612687	11.91%	0.744%
46	15.222	2092	2097	2105	rBV	579671	836978	16.27%	1.016%
47	15.422	2127	2131	2135	rVV	197714	292671	5.69%	0.355%
48	15.457	2135	2137	2141	rVB	84300	99189	1.93%	0.120%
49	15.575	2152	2157	2160	rBV3	92666	148726	2.89%	0.181%
50	15.622	2160	2165	2171	rVB4	116819	263753	5.13%	0.320%
51	15.875	2204	2208	2211	rVV	517314	680088	13.22%	0.826%
52	15.904	2211	2213	2218	rVB	282043	329417	6.40%	0.400%
53	16.169	2250	2258	2262	rBV3	106527	237849	4.62%	0.289%
54	16.216	2262	2266	2274	rVV2	139211	214534	4.17%	0.260%
55	16.392	2292	2296	2299	rBV4	48608	92960	1.81%	0.113%
56	16.504	2313	2315	2324	rVB4	55255	105353	2.05%	0.128%
57	16.669	2339	2343	2348	rVV	658709	823154	16.00%	0.999%
58	16.728	2348	2353	2362	rVB	211702	360254	7.00%	0.437%
59	16.851	2368	2374	2378	rBV	2593147	3693793	71.82%	4.485%
60	16.892	2378	2381	2386	rVV	1943267	2631769	51.17%	3.195%
61	16.951	2386	2391	2395	rVV	2159381	3153349	61.31%	3.828%
62	16.980	2395	2396	2404	rVB	403372	422935	8.22%	0.513%
63	17.051	2404	2408	2413	rVB4	58402	92805	1.80%	0.113%
64	17.257	2439	2443	2445	rBV	79805	104414	2.03%	0.127%
65	17.410	2462	2469	2472	rBV2	432704	583086	11.34%	0.708%
66	17.575	2494	2497	2505	rVB2	69887	126819	2.47%	0.154%
67	17.727	2519	2523	2527	rVV	425260	577632	11.23%	0.701%
68	17.780	2527	2532	2541	rVV2	499032	1019695	19.83%	1.238%
69	17.851	2541	2544	2550	rVB	148581	215044	4.18%	0.261%
70	17.916	2550	2555	2559	rBV2	409310	686854	13.35%	0.834%
71	17.957	2559	2562	2567	rVB	240322	311951	6.07%	0.379%

LSC Area Percent Report

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Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

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-BM011520MA.M
Title : SVOA CALIBRATION

72	18.098	2582	2586	2590	rBV	408920	458885	8.92%	0.557%
73	18.239	2606	2610	2614	rVV	162974	225855	4.39%	0.274%
74	18.574	2663	2667	2671	rVB2	106164	152238	2.96%	0.185%
75	18.663	2677	2682	2687	rBV3	166829	271961	5.29%	0.330%
76	18.739	2687	2695	2701	rVB3	384027	681295	13.25%	0.827%
77	18.816	2701	2708	2713	rBV7	76697	203024	3.95%	0.246%
78	18.916	2721	2725	2731	rVB	595028	858263	16.69%	1.042%
79	19.080	2748	2753	2757	rBV2	120947	220056	4.28%	0.267%
80	19.257	2777	2783	2786	rBV	2815810	4097193	79.66%	4.974%
81	19.327	2792	2795	2799	rVB	315658	336976	6.55%	0.409%
82	19.621	2841	2845	2850	rBV2	77861	147967	2.88%	0.180%
83	19.786	2865	2873	2877	rVB	153872	303682	5.90%	0.369%
84	19.868	2883	2887	2889	rBV	238028	306838	5.97%	0.373%
85	19.945	2897	2900	2905	rVB	110552	140607	2.73%	0.171%
86	20.133	2928	2932	2937	rBV	80224	119705	2.33%	0.145%
87	20.368	2968	2972	2978	rBV	186236	243868	4.74%	0.296%
88	20.815	3044	3048	3054	rBV2	1014235	1336185	25.98%	1.622%
89	21.057	3083	3089	3094	rBV	3767536	5143380	100.00%	6.245%
90	21.092	3094	3095	3103	rVB	267360	282949	5.50%	0.344%
91	21.268	3121	3125	3129	rBV	268545	280526	5.45%	0.341%
92	21.686	3193	3196	3202	rBV	349190	461030	8.96%	0.560%
93	22.127	3267	3271	3283	rVB	377876	520371	10.12%	0.632%
94	22.604	3348	3352	3357	rVB2	407924	537196	10.44%	0.652%
95	23.039	3420	3426	3432	rBV	2106421	3575890	69.52%	4.341%
96	23.139	3438	3443	3444	rBV	457037	576587	11.21%	0.700%
97	23.174	3444	3449	3465	rVB	2656894	4749608	92.34%	5.766%
98	23.739	3541	3545	3551	rVB	332855	546379	10.62%	0.663%
99	23.809	3552	3557	3568	rVB	236327	461779	8.98%	0.561%
100	24.433	3659	3663	3669	rVB	237190	441236	8.58%	0.536%

Sum of corrected areas: 82365687

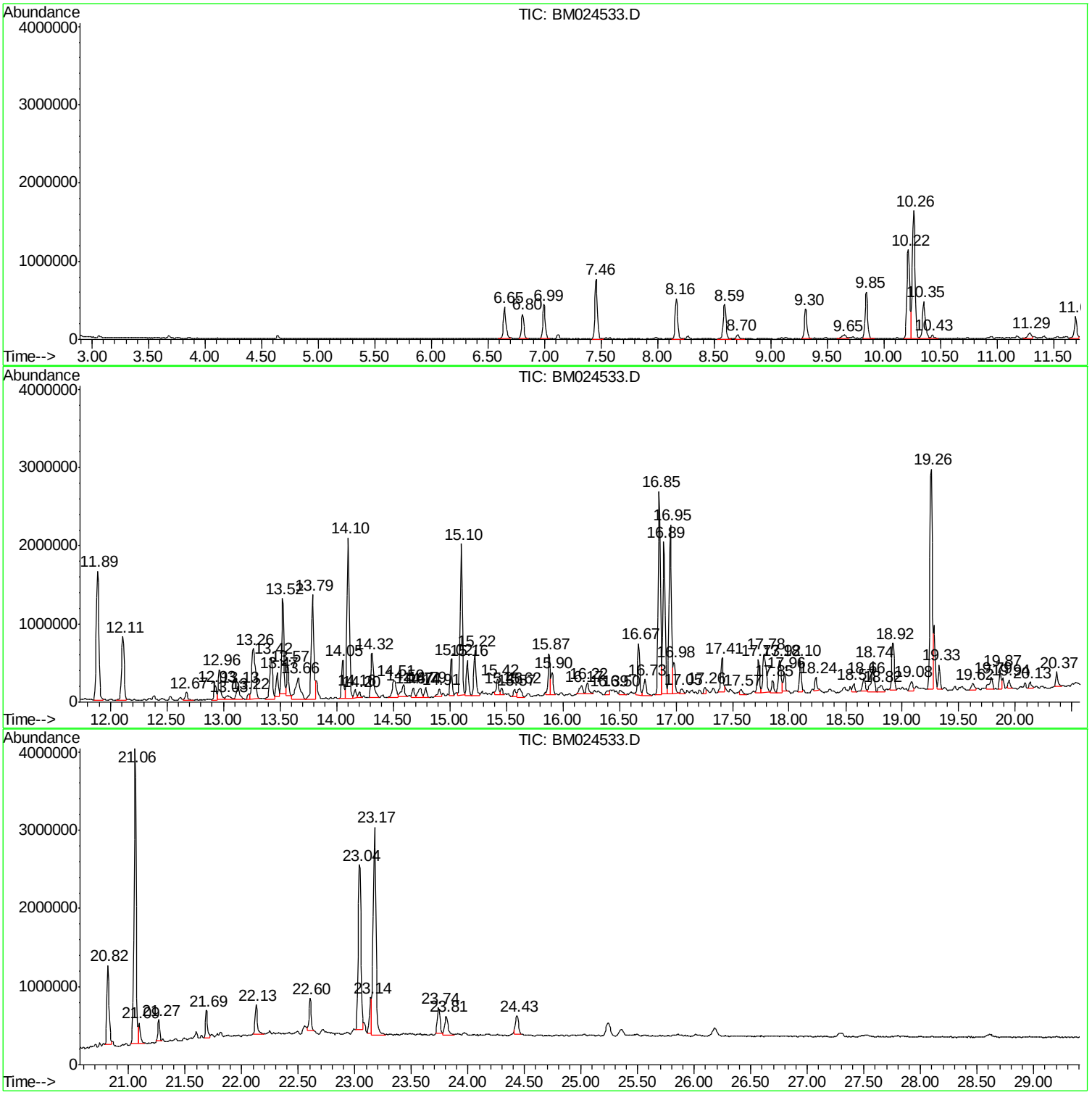
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

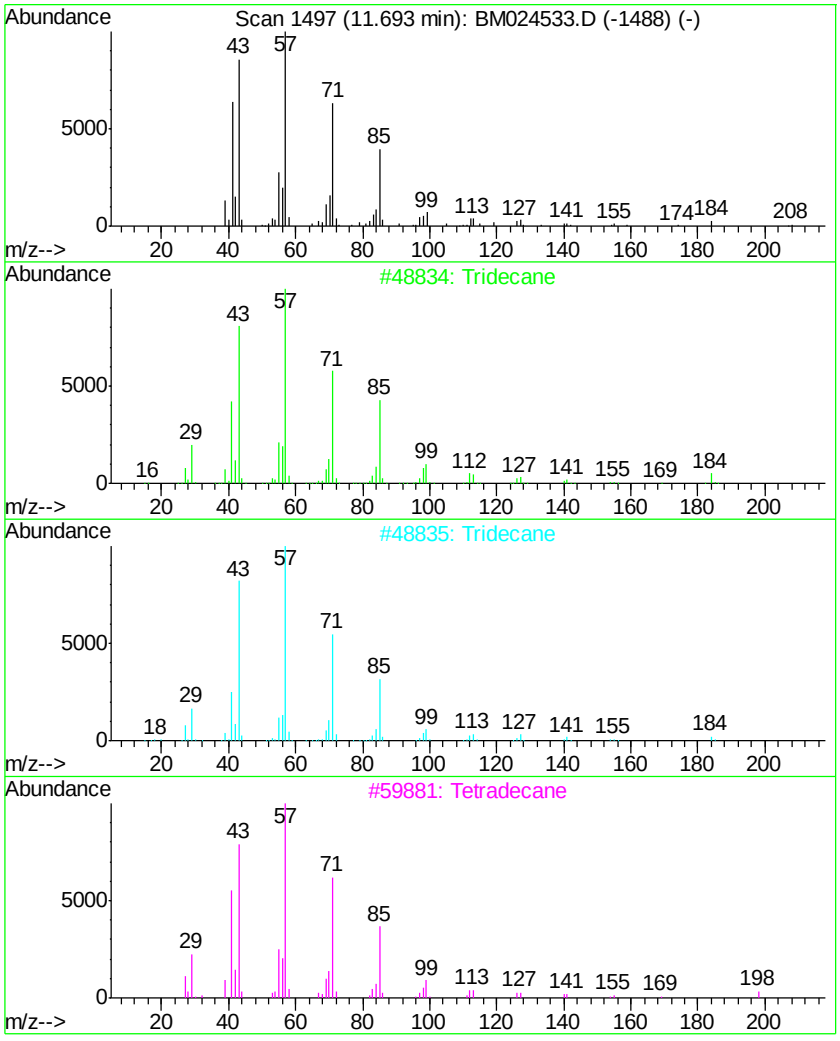
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

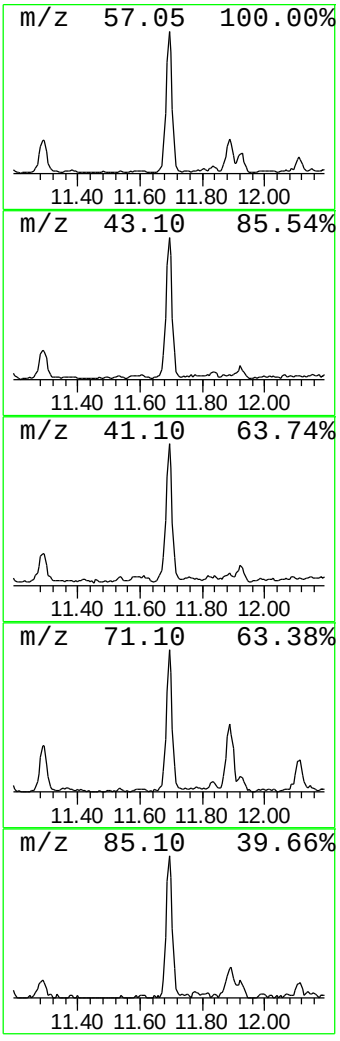
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	4.17 ng/ul	425612	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tridecane	184	C13H28	000629-50-5	93
3	Tetradecane	198	C14H30	000629-59-4	91
4	Tetradecane	198	C14H30	000629-59-4	90
5	Dodecane	170	C12H26	000112-40-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

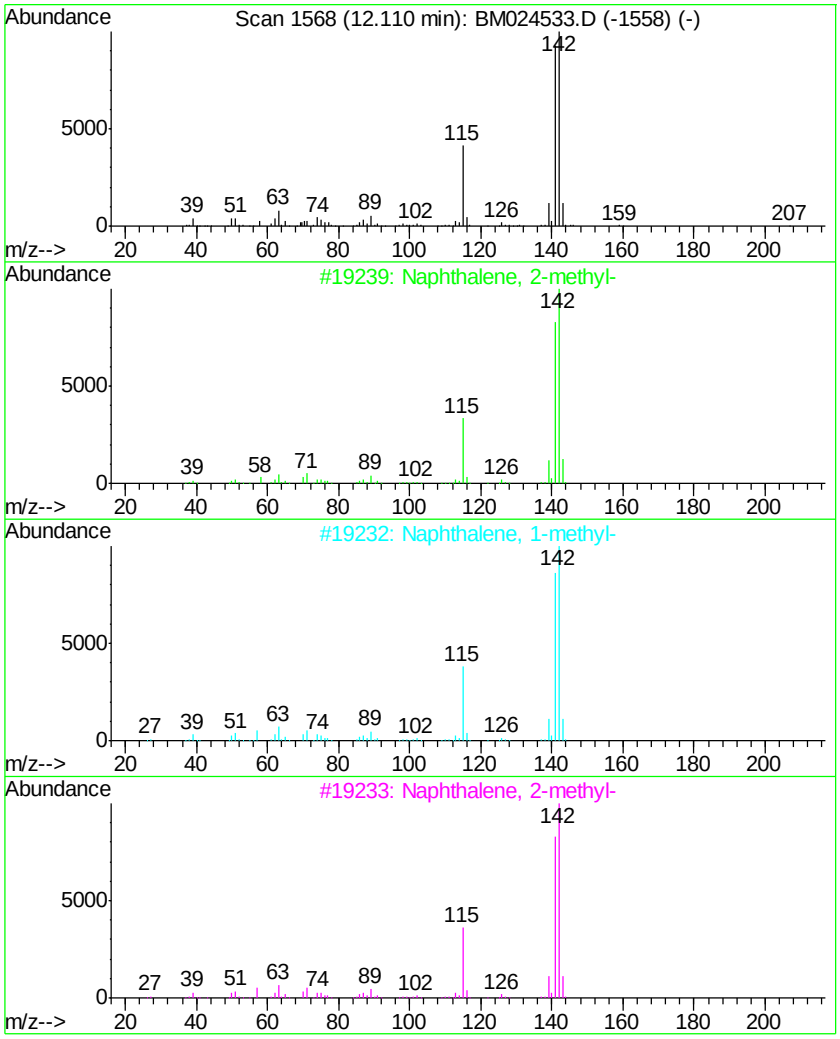
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

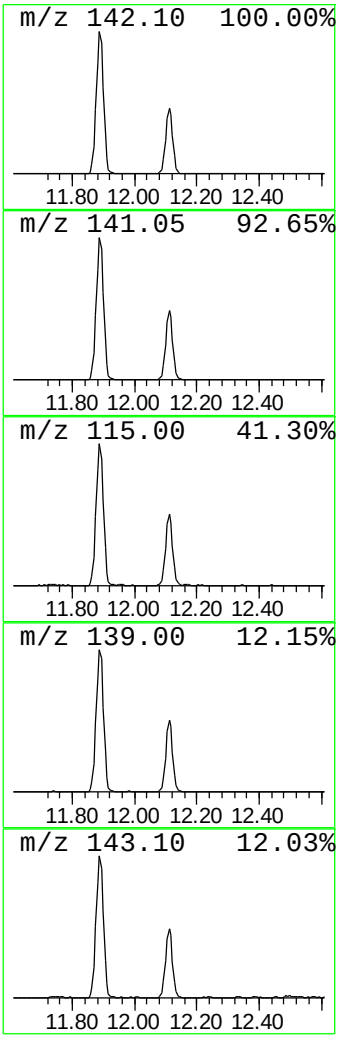
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	12.93 ng/ul	1319870	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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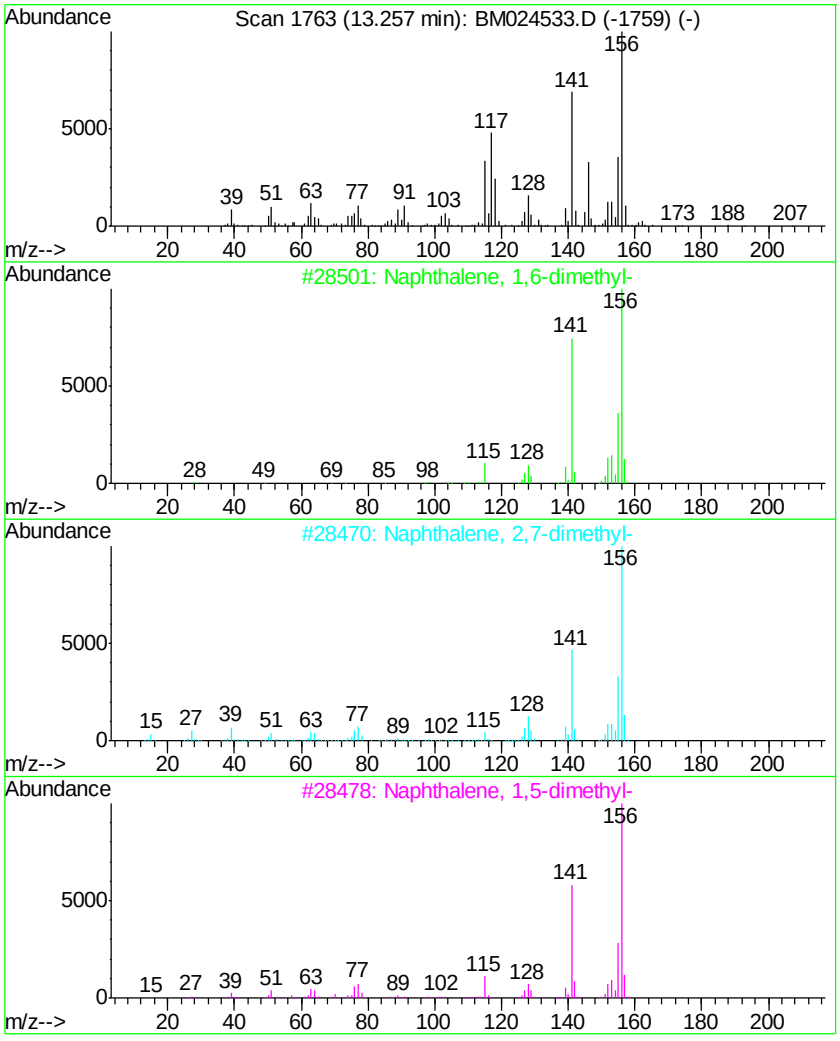
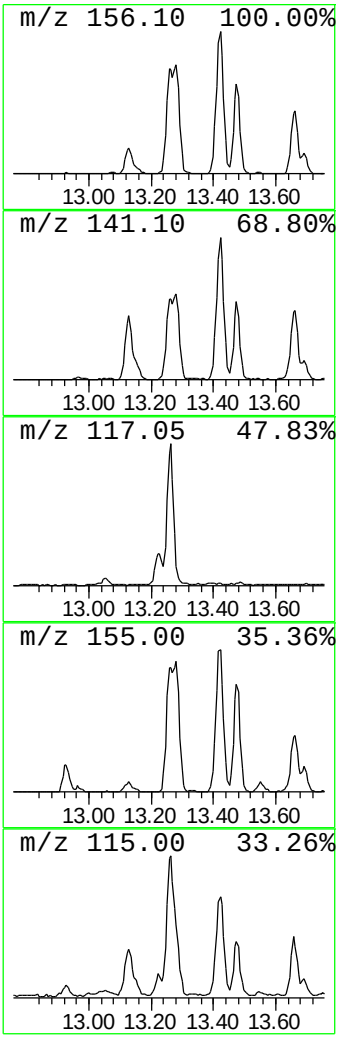
Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	8.93 ng/ul	1382400	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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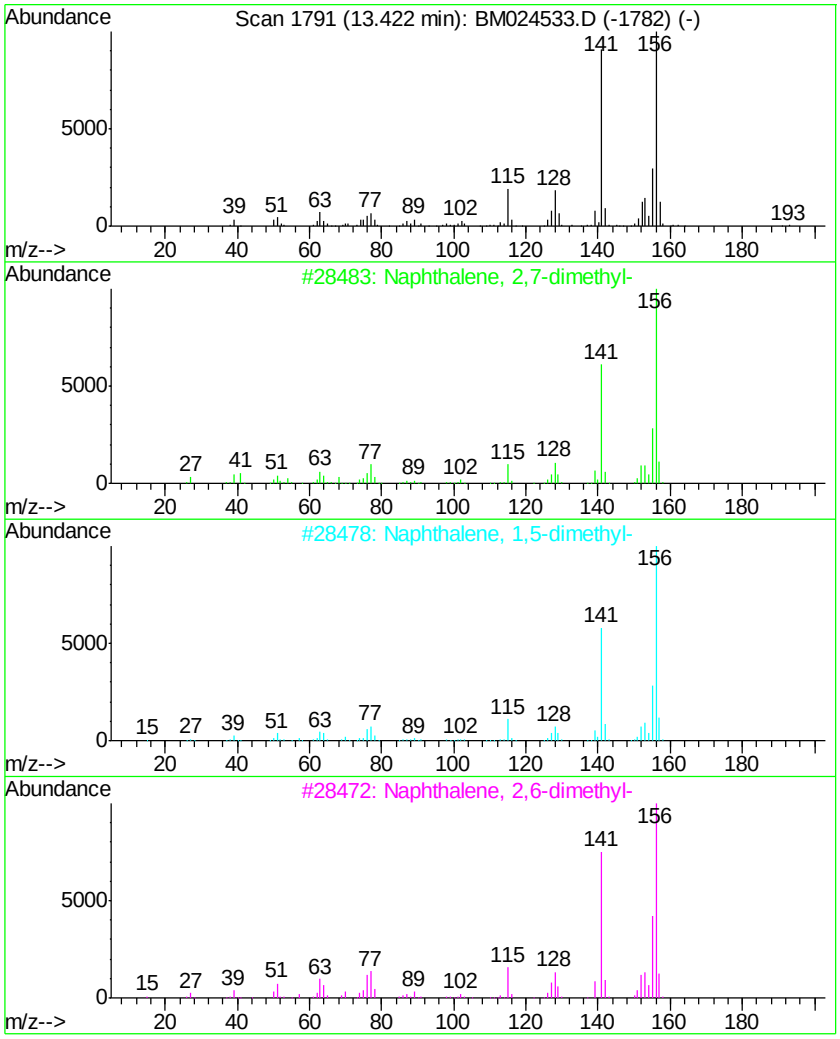
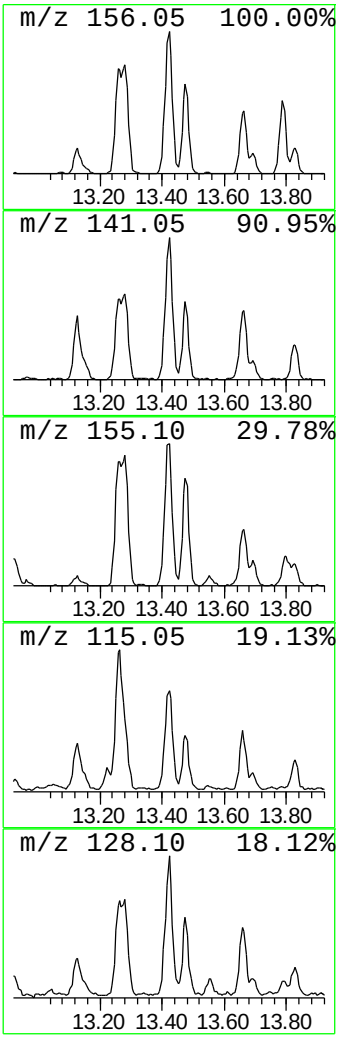
Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	5.99 ng/ul	927297	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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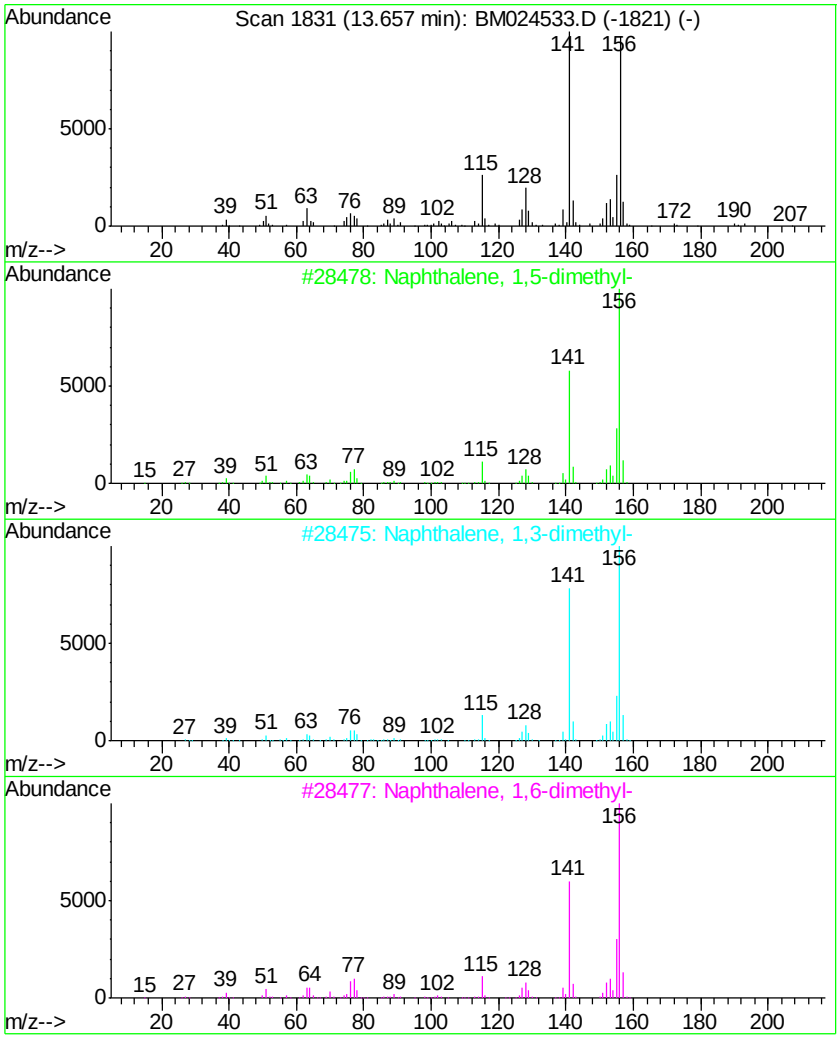
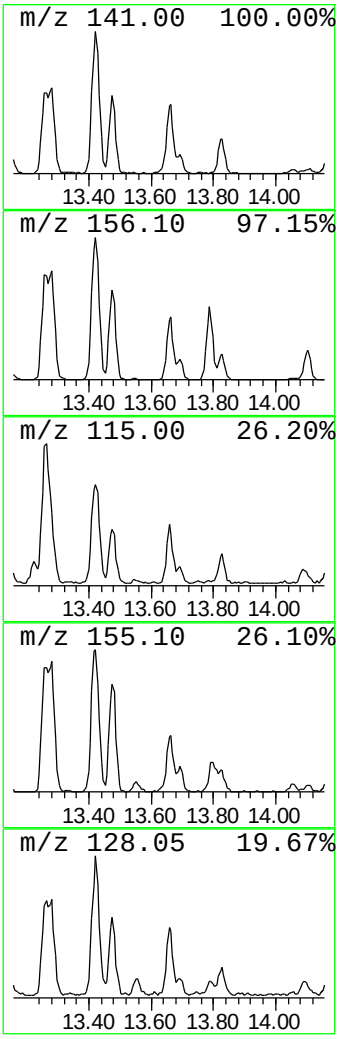
Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	5.21 ng/ul	806607	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

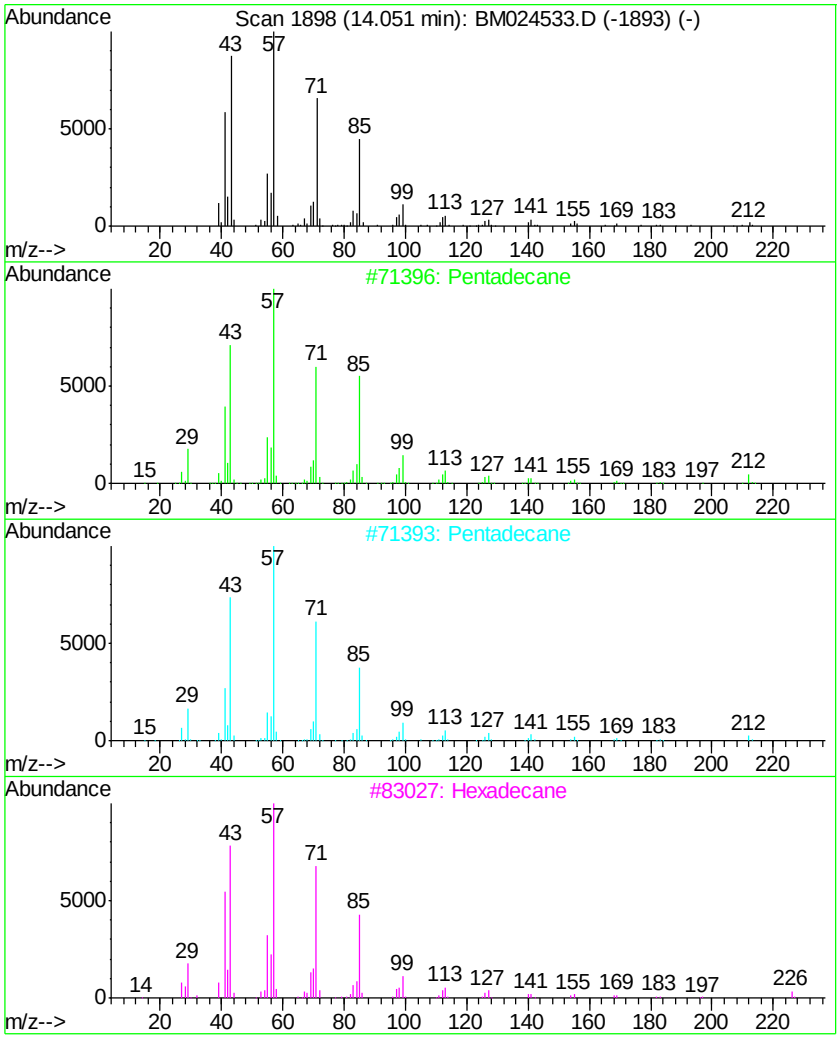
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

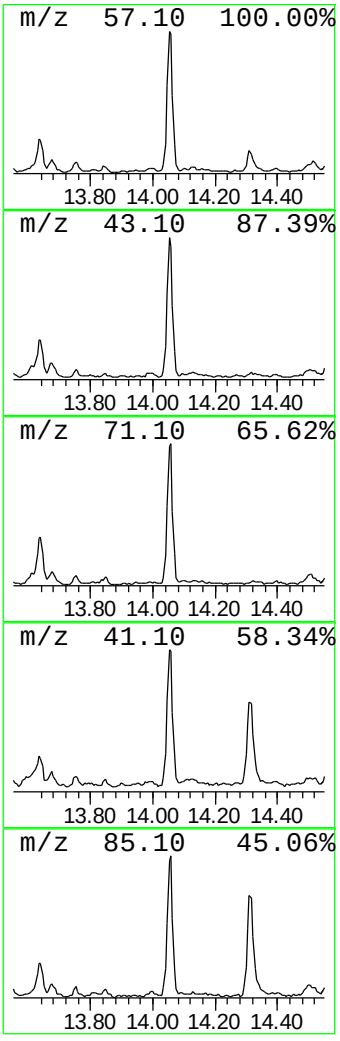
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	4.29 ng/ul	664248	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Pentadecane	212	C15H32	000629-62-9	94
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Tridecane	184	C13H28	000629-50-5	90





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Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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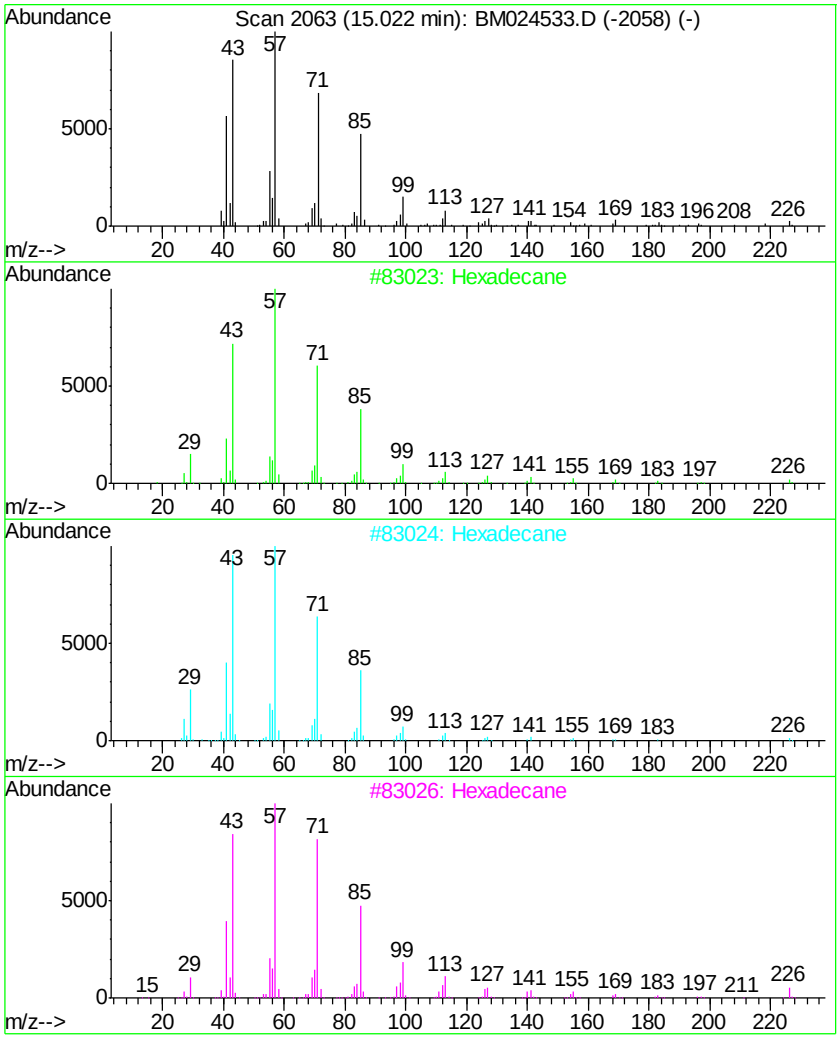
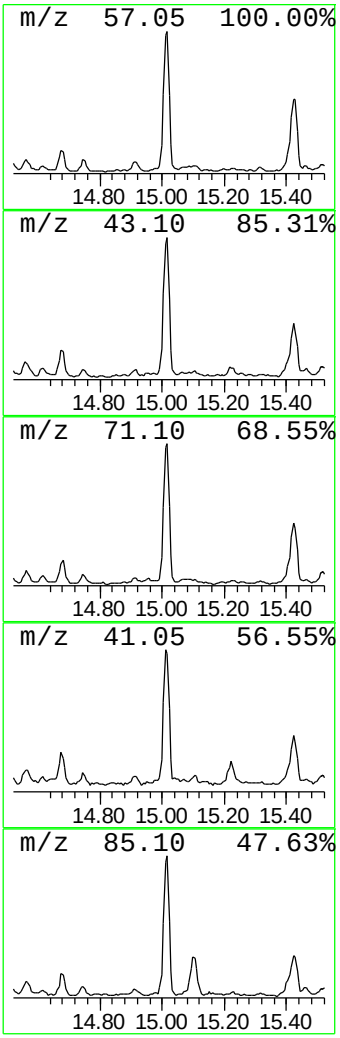
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	3.59 ng/ul	556389	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	98
2	Hexadecane	226	C16H34	000544-76-3	95
3	Hexadecane	226	C16H34	000544-76-3	95
4	Hexadecane	226	C16H34	000544-76-3	93
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	93





Library Search Compound Report

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Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
Operator : JU
Sample : L1109-05
Misc :
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Instrument : BNA_M
ClientSampleId : GASG4

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Quant Title : SVOA CALIBRATION

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

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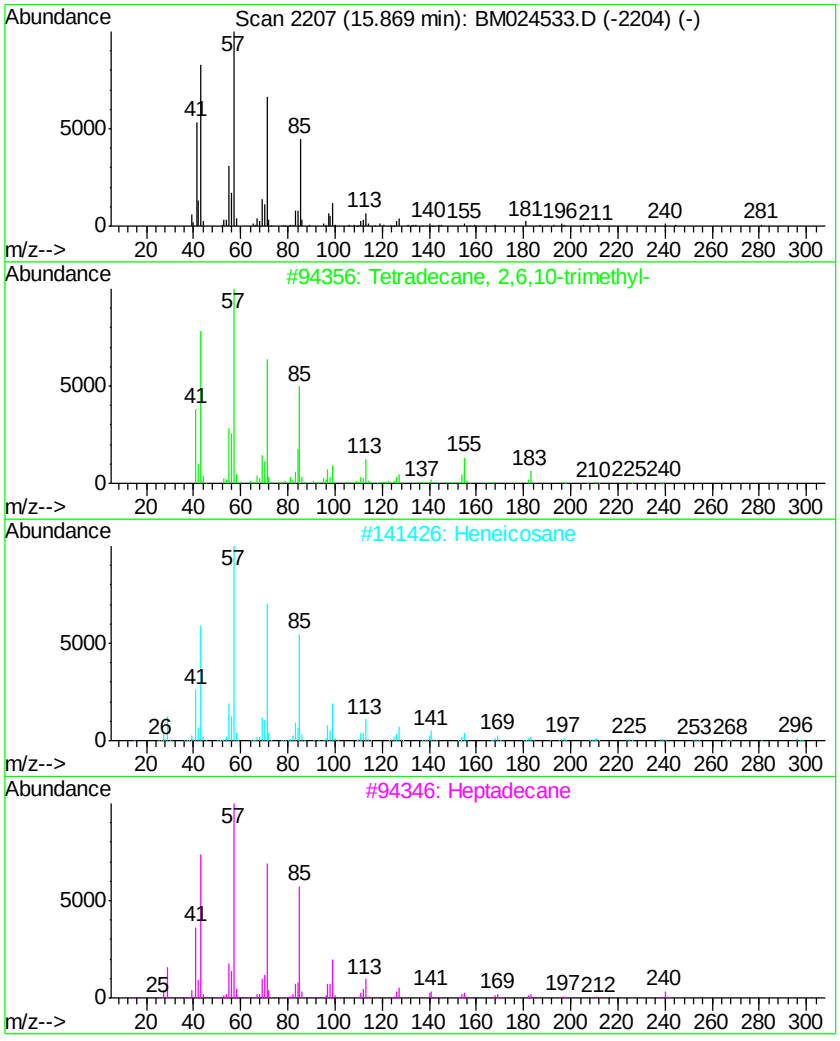
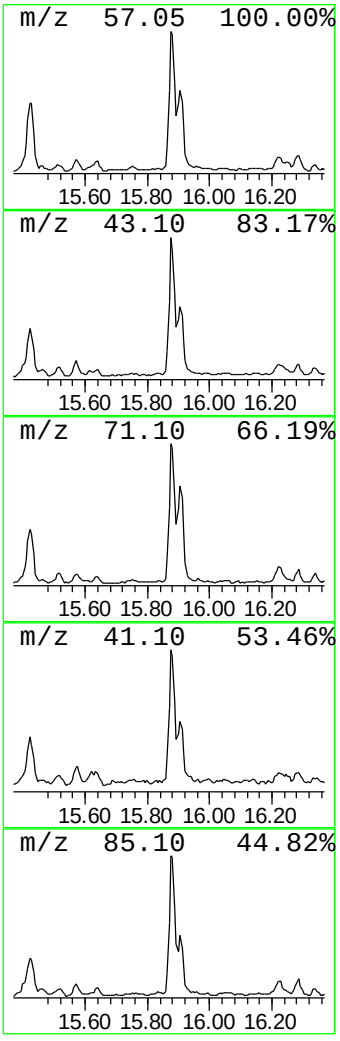
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	3.68 ng/ul	680088	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Pentadecane	212	C15H32	000629-62-9	86





Library Search Compound Report

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Data File : BM024533.D
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Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

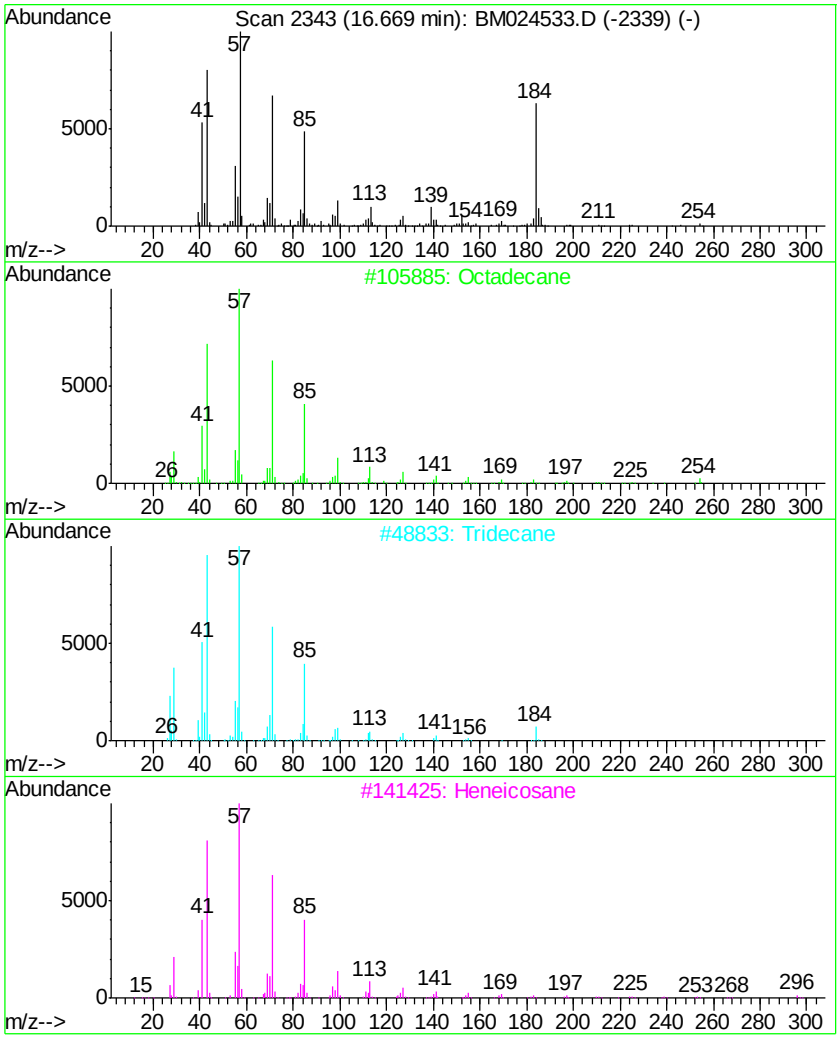
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

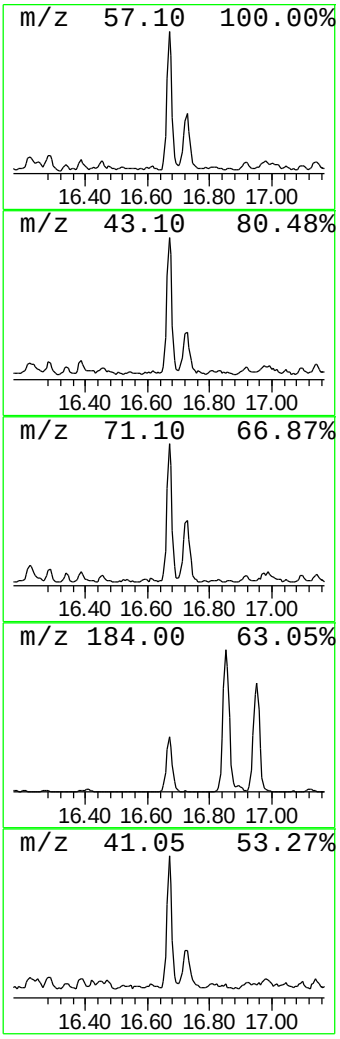
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	4.46 ng/ul	823154	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	92
2	Tridecane	184	C13H28	000629-50-5	83
3	Heneicosane	296	C21H44	000629-94-7	60
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	60
5	Tetradecane	198	C14H30	000629-59-4	60





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Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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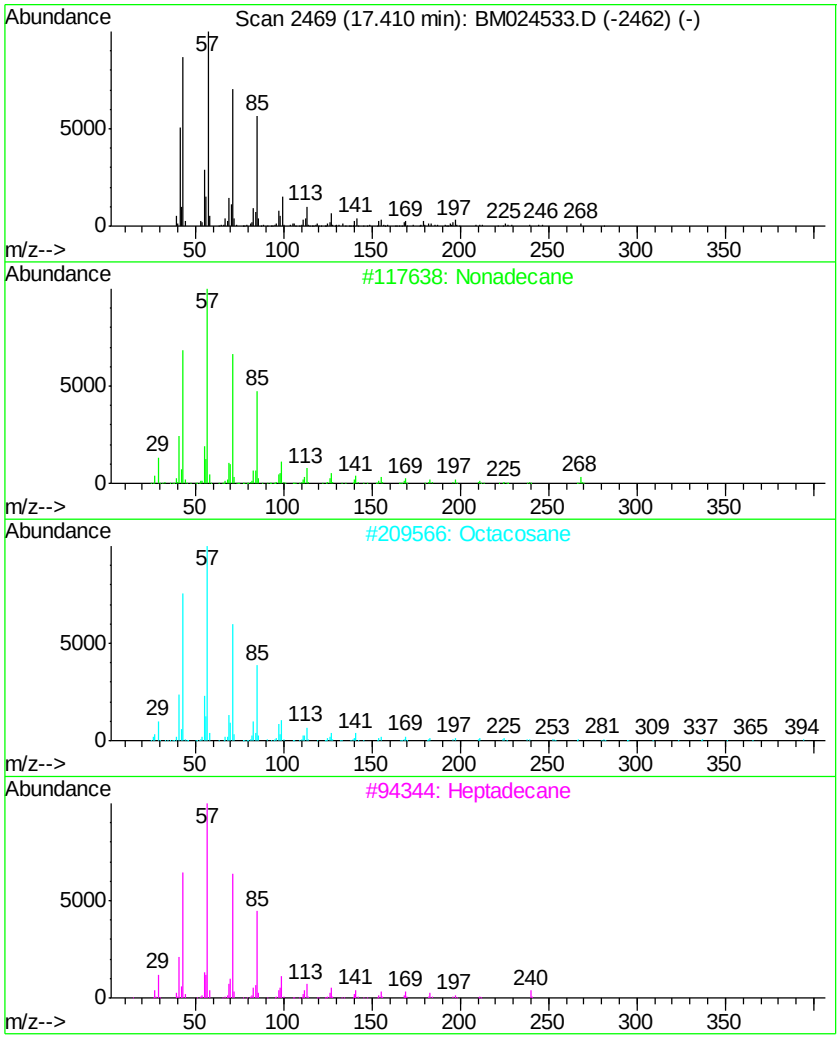
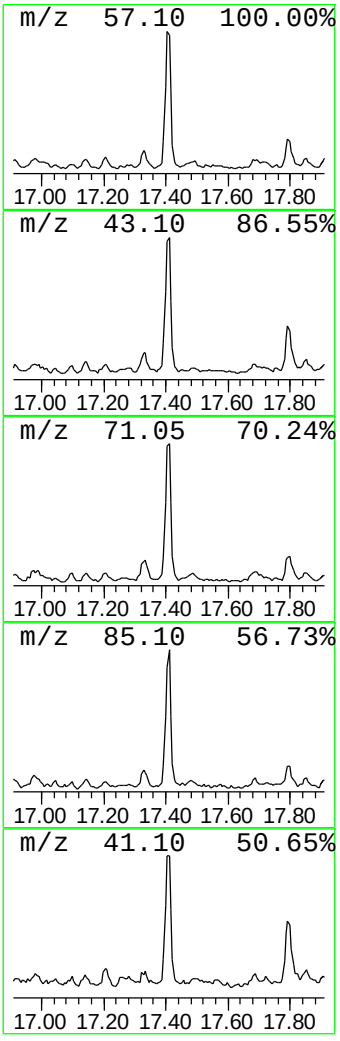
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	3.16 ng/ul	583086	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Octadecane	254	C18H38	000593-45-3	91





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Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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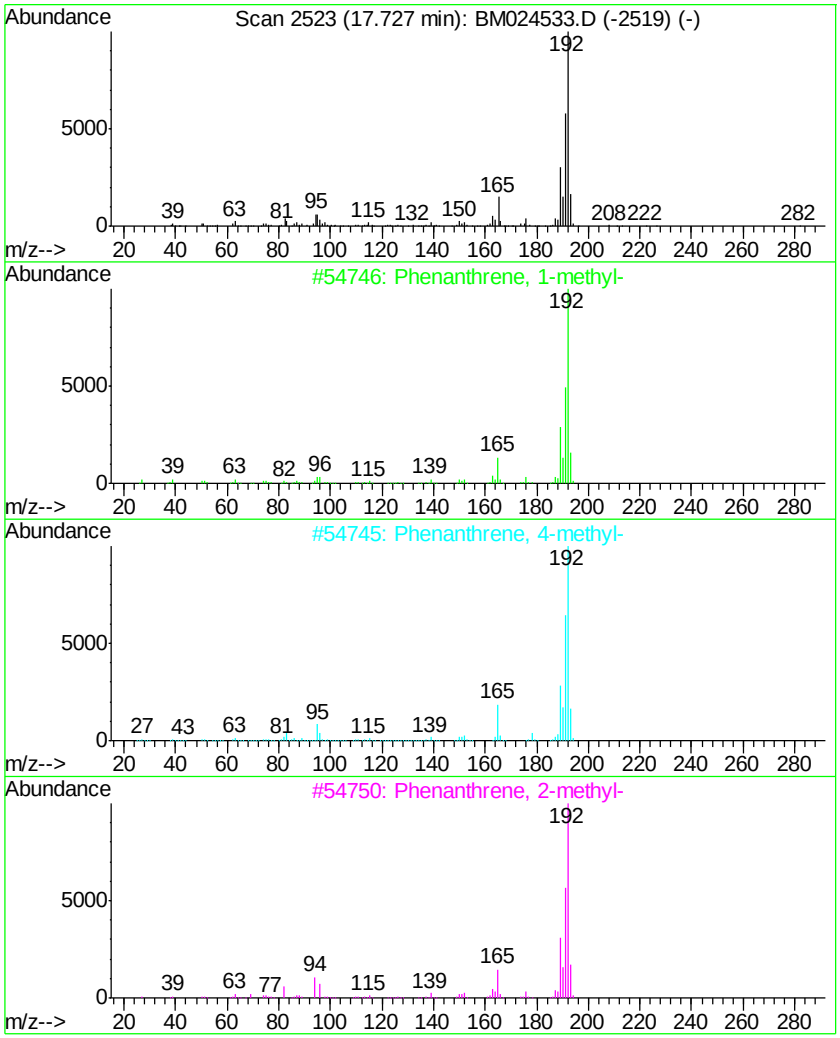
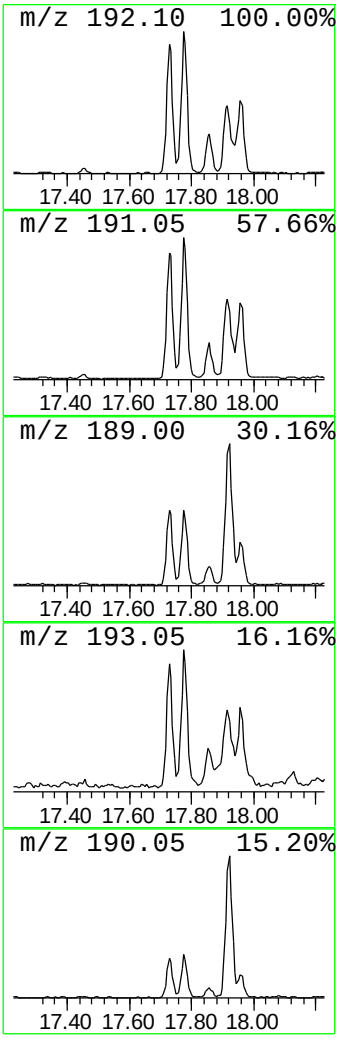
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	3.13 ng/ul	577632	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Library Search Compound Report

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Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

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Quant Title : SVOA CALIBRATION

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

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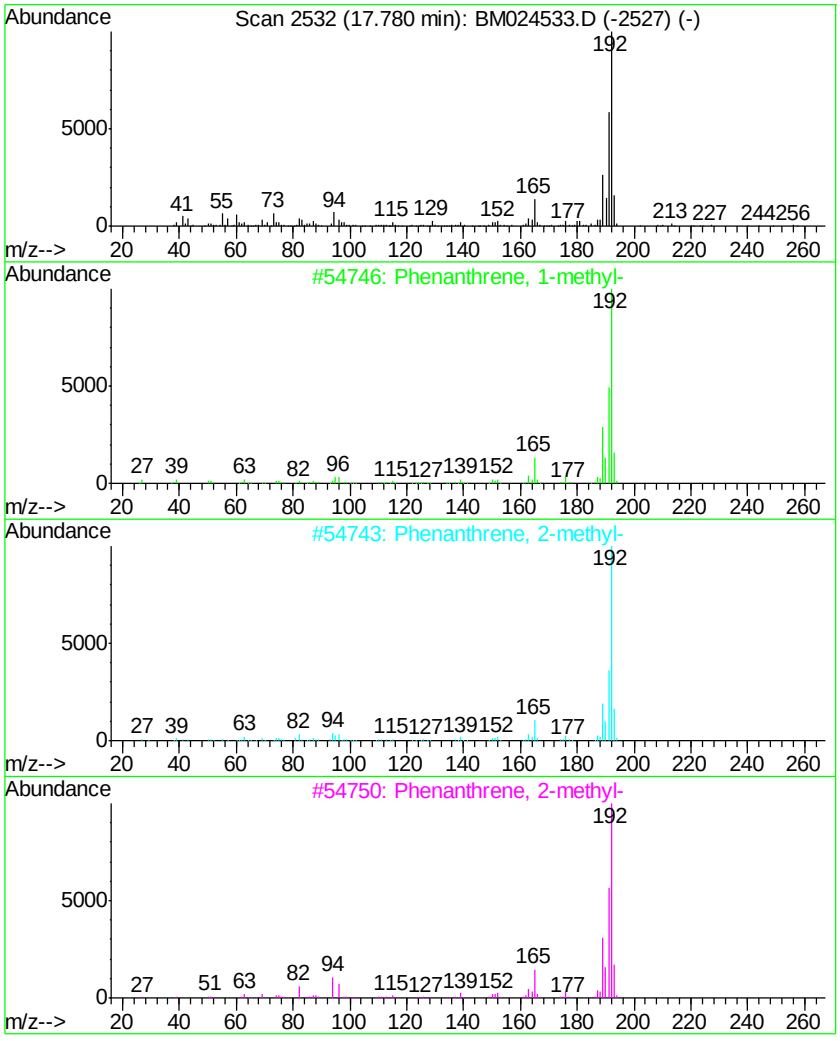
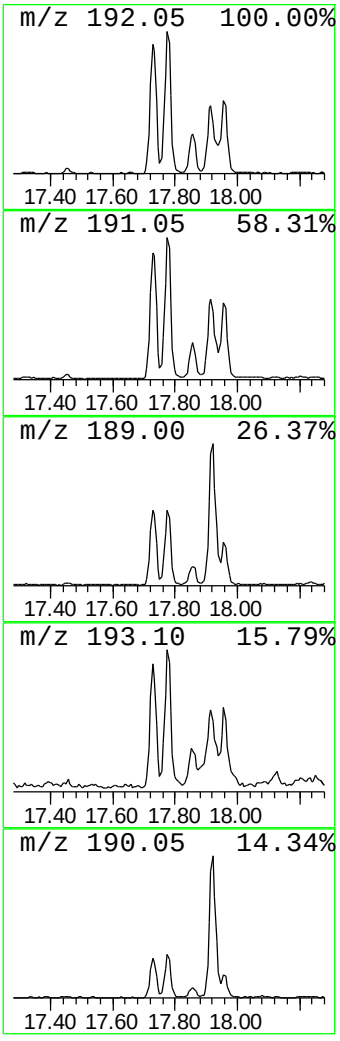
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	5.52 ng/ul	1019700	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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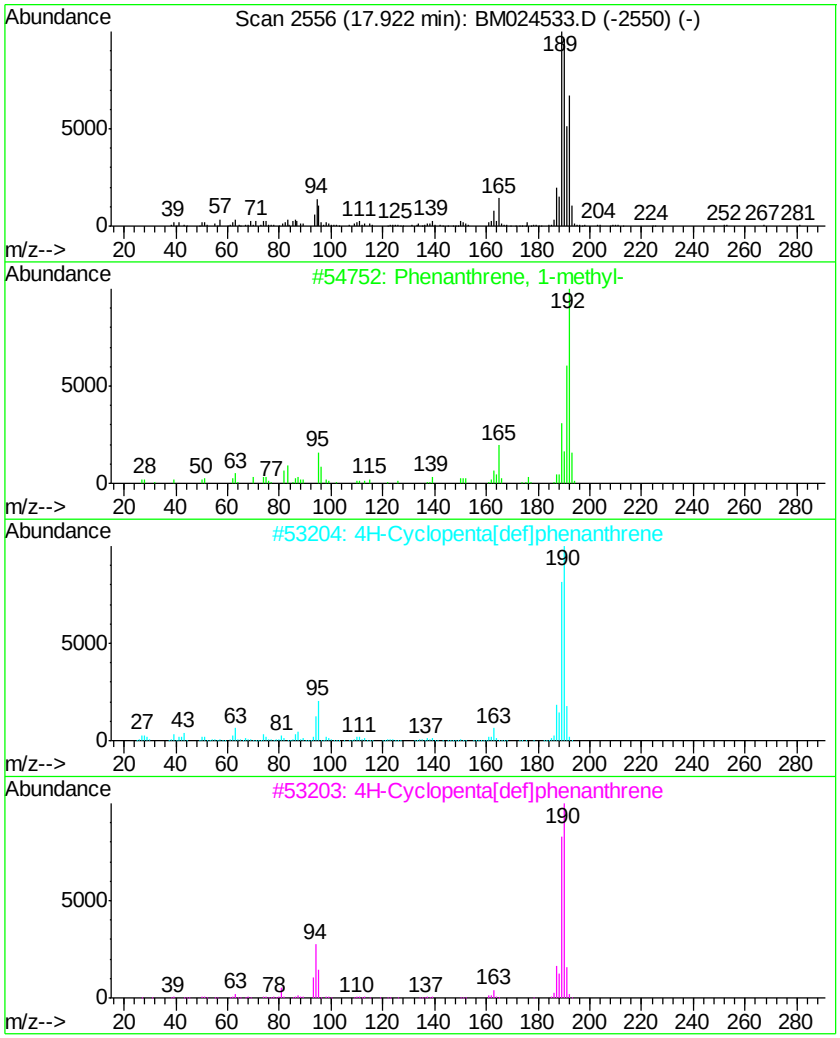
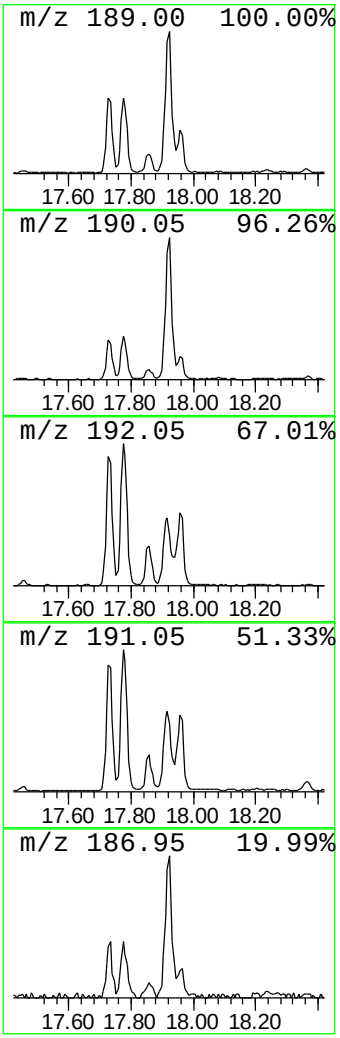
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	3.72 ng/ul	686854	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	66
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





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Sample : L1109-05
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Instrument : BNA_M
ClientSampleId : GASG4

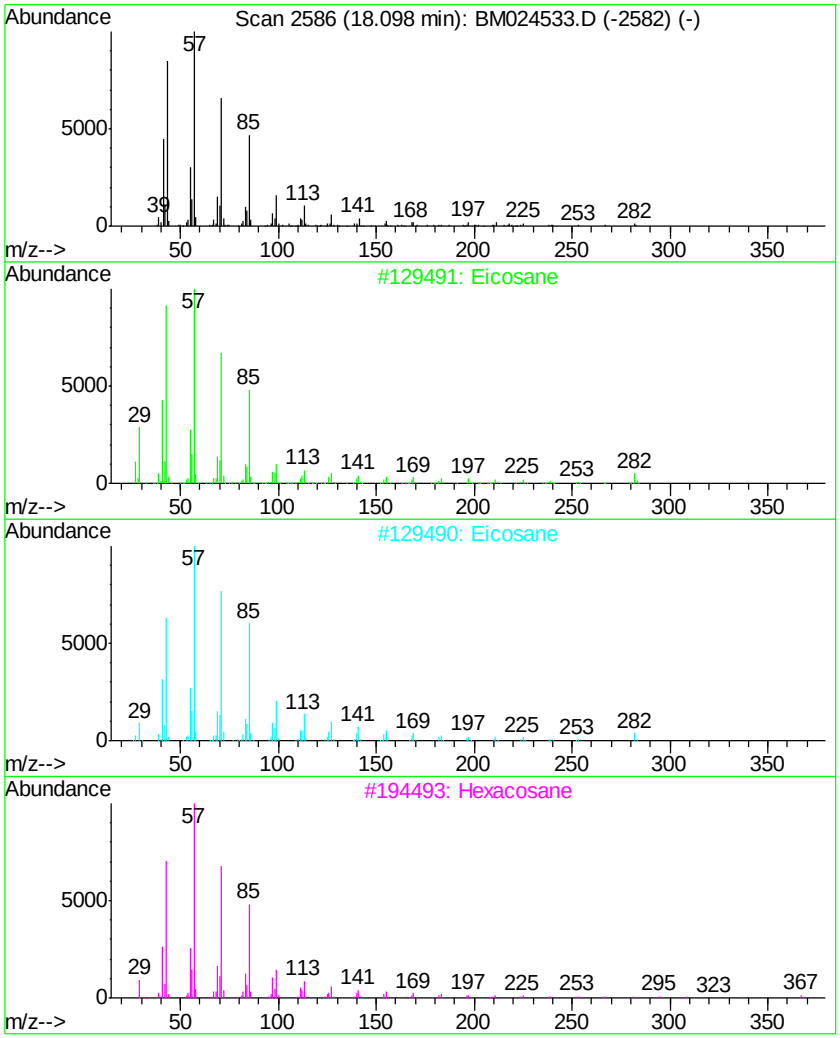
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

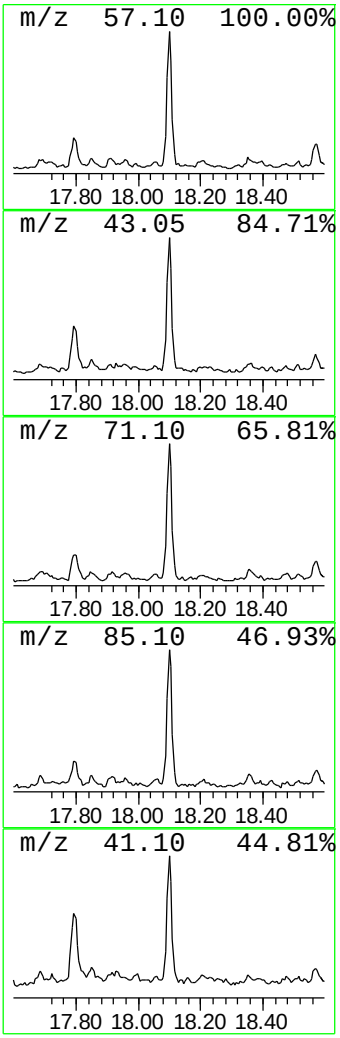
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.48 ng/ul	458885	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	94
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetradecane	198	C14H30	000629-59-4	91





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Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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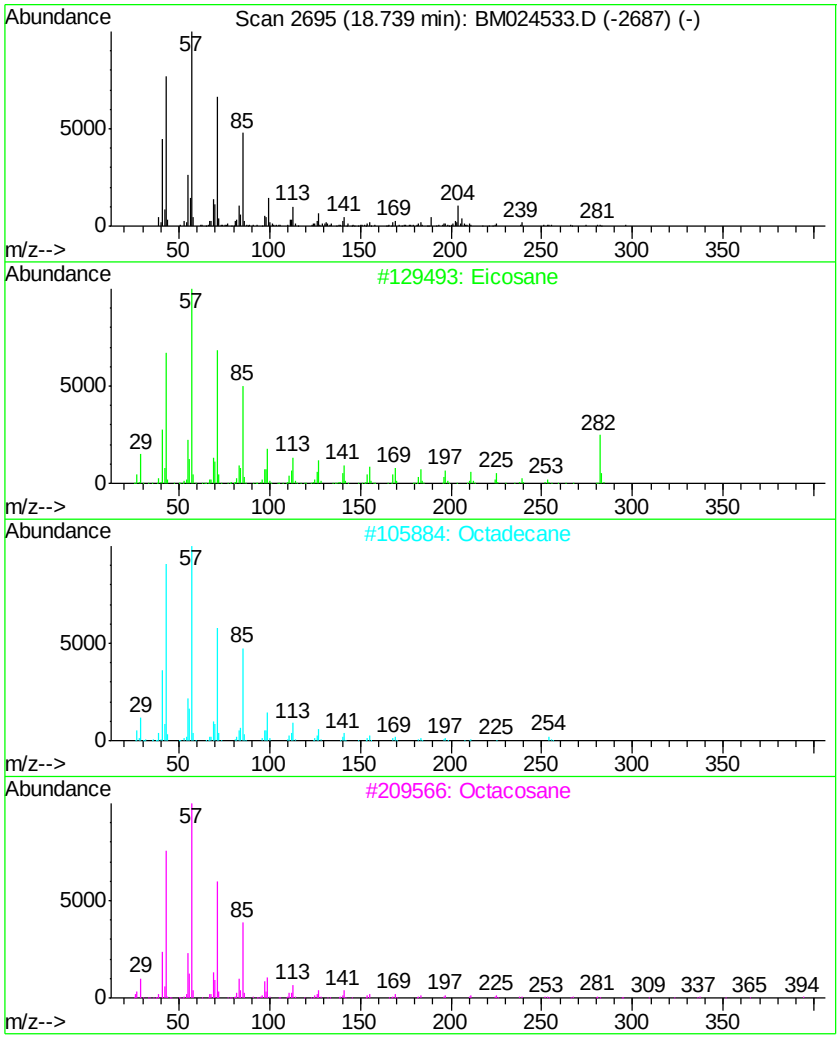
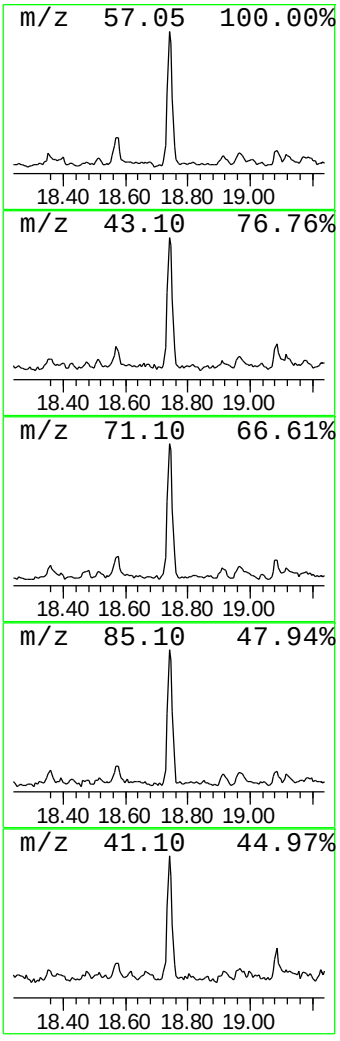
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	3.69 ng/ul	681295	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Octadecane	254	C18H38	000593-45-3	81
3	Octacosane	394	C28H58	000630-02-4	74
4	Tetracosane	338	C24H50	000646-31-1	74
5	Docosane	310	C22H46	000629-97-0	74





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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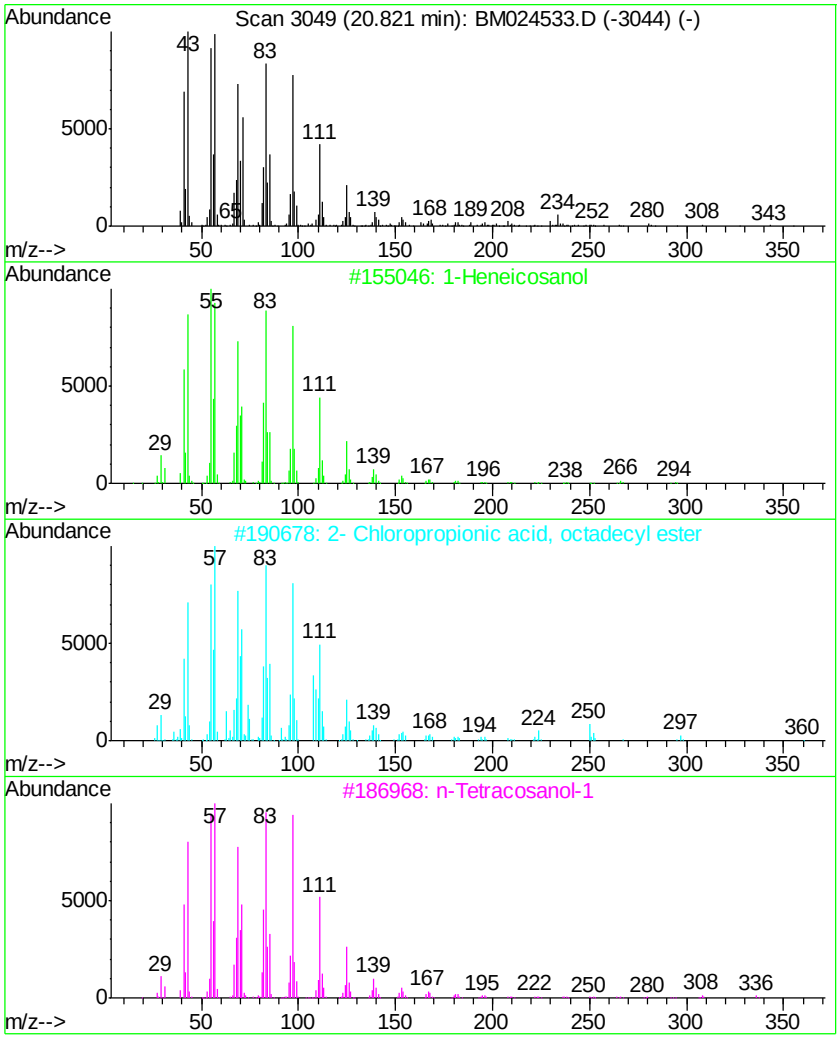
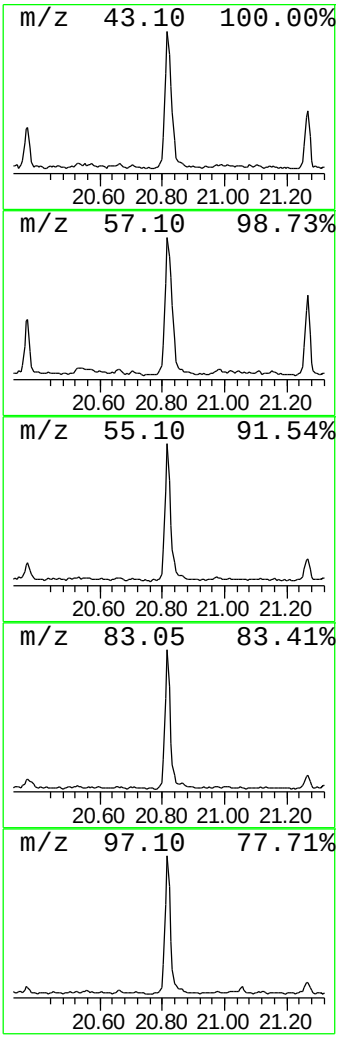
Peak Number 16 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	5.20 ng/ul	1336190	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94





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Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
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Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

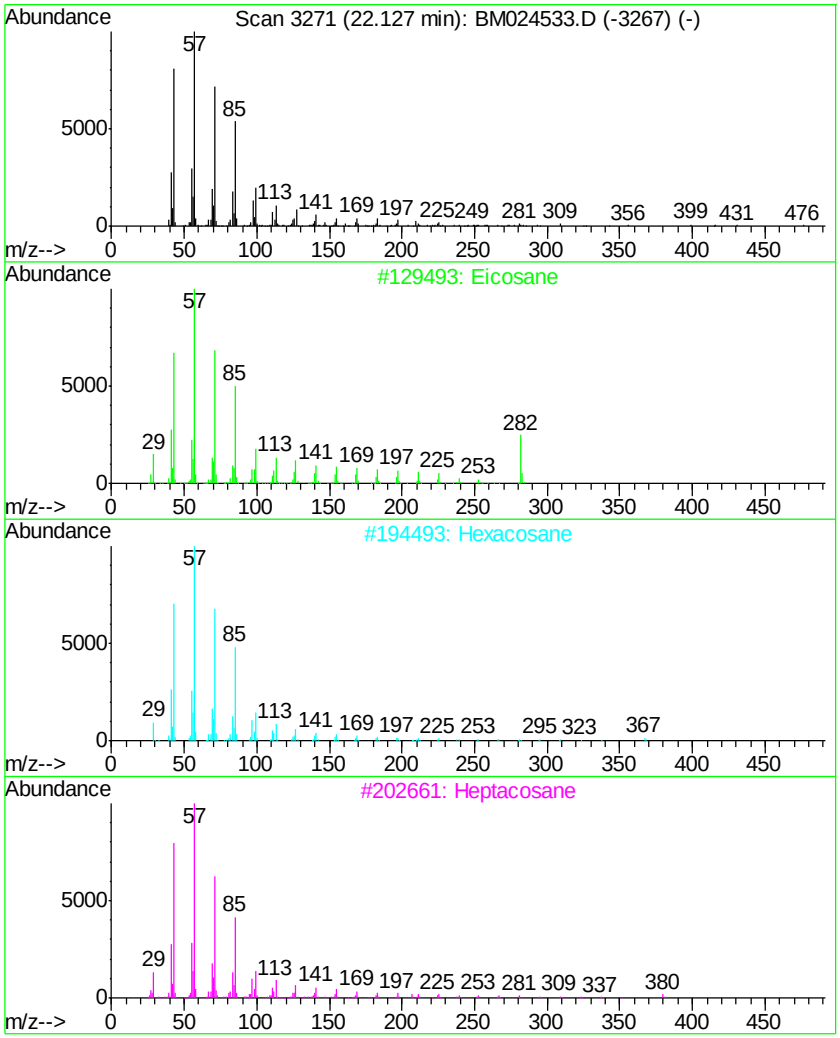
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

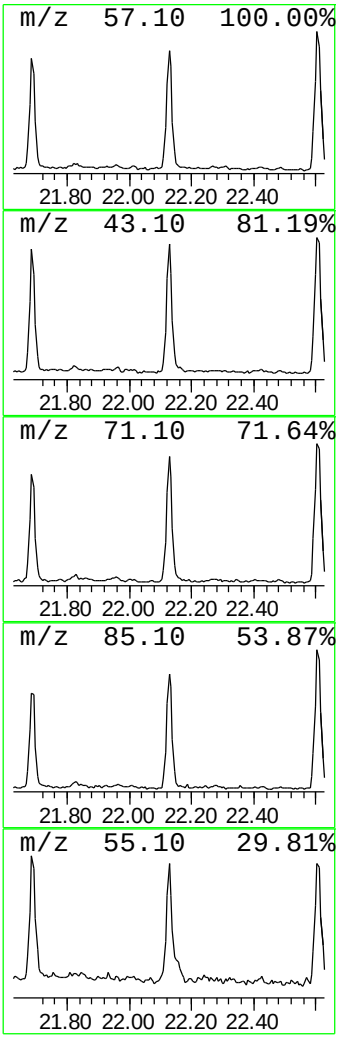
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	2.19 ng/ul	520371	Perylene-d12	23.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





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Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

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Quant Title : SVOA CALIBRATION

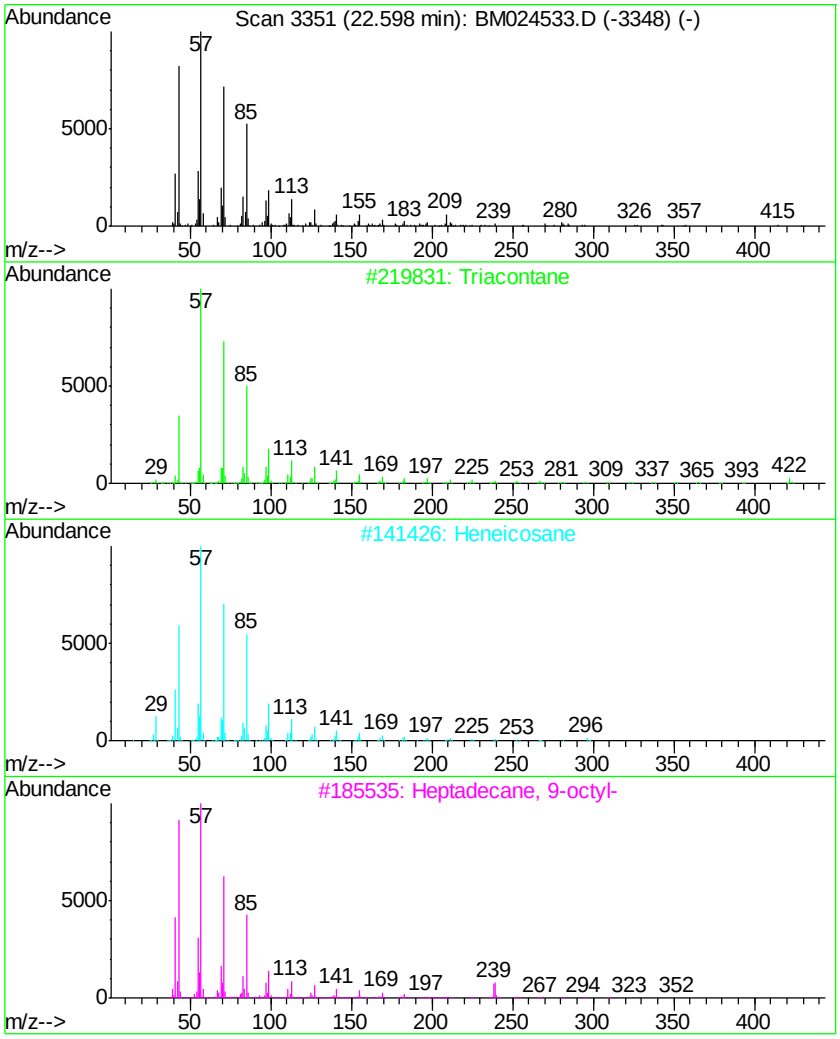
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

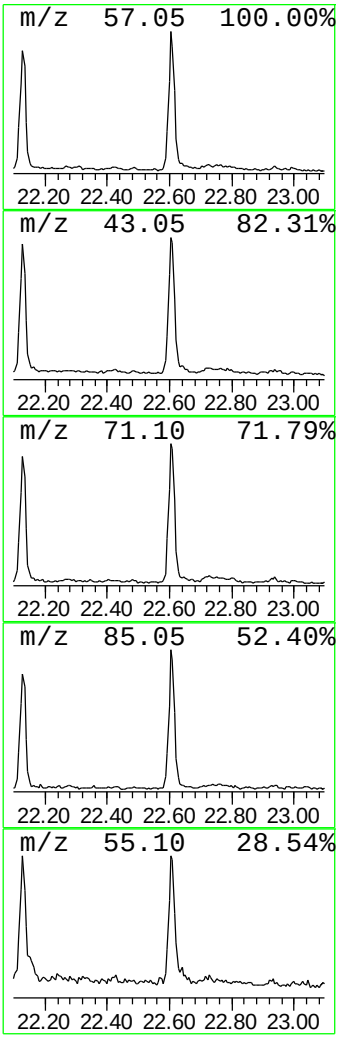
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	2.26 ng/ul	537196	Perylene-d12	23.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	91





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Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

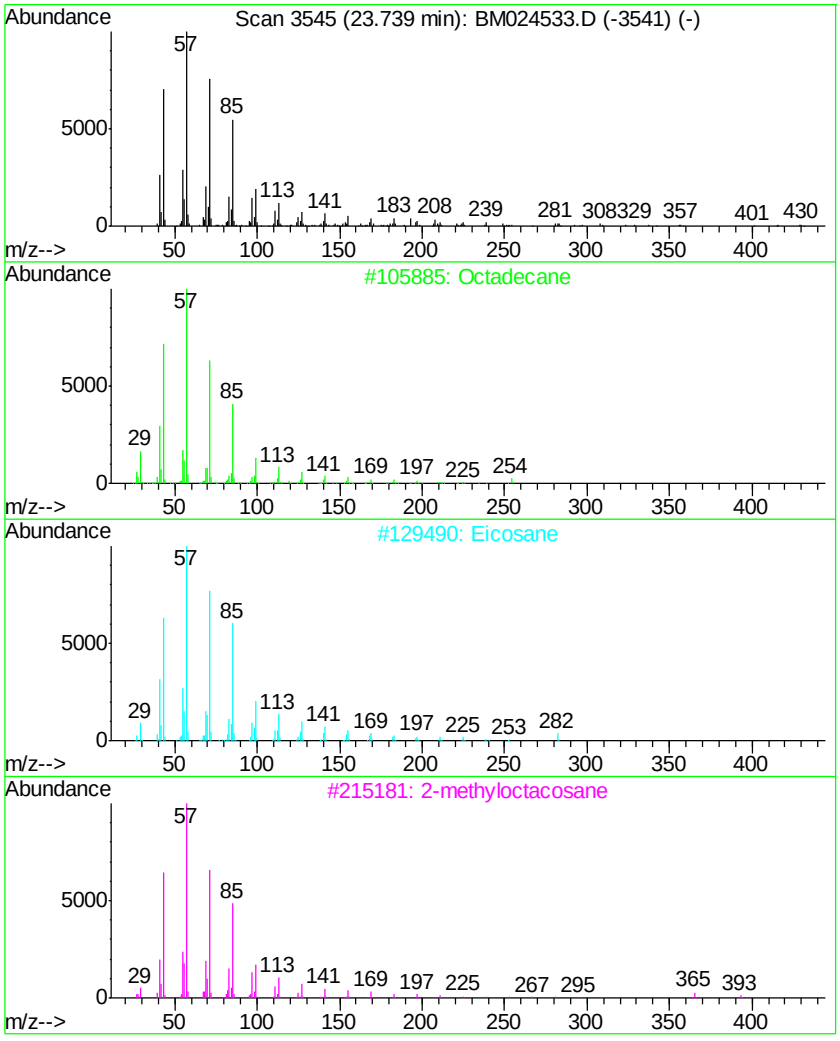
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

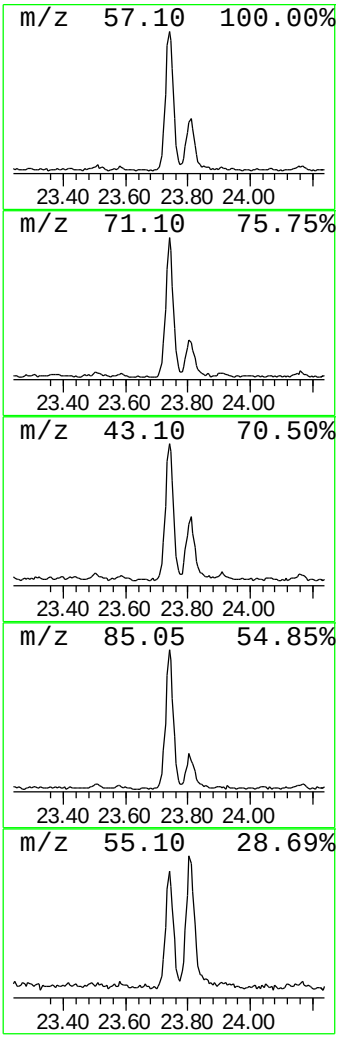
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.30 ng/ul	546379	Perylene-d12	23.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Eicosane	282	C20H42	000112-95-8	95
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011720\
Data File : BM024533.D
Acq On : 18 Jan 2020 13:37
Operator : JU
Sample : L1109-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.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...	11.69	4.2	ng/ul	425612	2	10.22	2041350	20.0
Naphthalene, 1-me...	12.11	12.9	ng/ul	1319870	2	10.22	2041350	20.0
Naphthalene, 1,6-...	13.26	8.9	ng/ul	1382400	3	14.10	3096920	20.0
Naphthalene, 2,7-...	13.42	6.0	ng/ul	927297	3	14.10	3096920	20.0
Naphthalene, 1,5-...	13.66	5.2	ng/ul	806607	3	14.10	3096920	20.0
(DEL) Alkane: Str...	14.05	4.3	ng/ul	664248	3	14.10	3096920	20.0
(DEL) Alkane: Str...	15.02	3.6	ng/ul	556389	3	14.10	3096920	20.0
(DEL) Alkane: Str...	15.87	3.7	ng/ul	680088	4	16.85	3693790	20.0
(DEL) Alkane: Str...	16.67	4.5	ng/ul	823154	4	16.85	3693790	20.0
(DEL) Alkane: Str...	17.41	3.2	ng/ul	583086	4	16.85	3693790	20.0
Phenanthrene, 1-m...	17.73	3.1	ng/ul	577632	4	16.85	3693790	20.0
Phenanthrene, 2-m...	17.78	5.5	ng/ul	1019700	4	16.85	3693790	20.0
4H-Cyclopenta[def...	17.92	3.7	ng/ul	686854	4	16.85	3693790	20.0
(DEL) Alkane: Str...	18.10	2.5	ng/ul	458885	4	16.85	3693790	20.0
(DEL) Alkane: Str...	18.74	3.7	ng/ul	681295	4	16.85	3693790	20.0
1-Heneicosanol	20.82	5.2	ng/ul	1336190	5	21.06	5143380	20.0
(DEL) Alkane: Str...	22.13	2.2	ng/ul	520371	6	23.17	4749610	20.0
(DEL) Alkane: Str...	22.60	2.3	ng/ul	537196	6	23.17	4749610	20.0
(DEL) Alkane: Str...	23.74	2.3	ng/ul	546379	6	23.17	4749610	20.0