LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014400.D
Acq On : 28 Feb 2018 12:48
Operator : SJ/JU
Sample : J1646-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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	3.793	133	137	141	rVB2	42260	54705	1.79%	0.131%
2	3.905	151	156	160	rBV6	25518	42008	1.38%	0.101%
3	4.675	282	287	288	rBV3	57809	70354	2.31%	0.169%
4	4.699	288	291	297	rVB	67882	102562	3.36%	0.246%
5	5.069	349	354	360	rBV5	28449	55209	1.81%	0.133%
6	5.193	371	375	382	rBV3	31589	59313	1.94%	0.142%
7	5.552	430	436	443	rVB7	23886	44275	1.45%	0.106%
8	6.687	624	629	630	rBV4	37637	52680	1.73%	0.127%
9	6.722	630	635	647	rVB2	342620	736676	24.15%	1.770%
10	6.869	654	660	666	rBV	278582	427407	14.01%	1.027%
11	7.057	685	692	701	rBV	415744	679503	22.28%	1.632%
12	7.157	706	709	716	rVB4	25233	44803	1.47%	0.108%
13	7.516	763	770	782	rBV	468778	772652	25.33%	1.856%
14	7.646	785	792	797	rVV	82128	129585	4.25%	0.311%
15	7.722	800	805	812	rVB	231562	360253	11.81%	0.865%
16	8.145	873	877	883	rVB8	22149	40927	1.34%	0.098%
17	8.240	888	893	899	rBV	443110	790030	25.90%	1.898%
18	8.298	899	903	910	rVB	110300	200979	6.59%	0.483%
19	8.604	948	955	961	rBV8	31697	64188	2.10%	0.154%
20	8.675	961	967	973	rBV	392269	698800	22.91%	1.679%
21	8.840	989	995	1002	rVB10	19634	49044	1.61%	0.118%
22	9.075	1026	1035	1041	rBV6	33454	92304	3.03%	0.222%
23	9.392	1080	1089	1096	rBV	348905	631439	20.70%	1.517%
24	9.704	1131	1142	1148	rBV9	45329	101168	3.32%	0.243%
25	9.934	1174	1181	1199	rVB	418015	875933	28.72%	2.104%
26	10.287	1230	1241	1246	rBV	632792	1140071	37.38%	2.739%
27	10.339	1246	1250	1257	rVB	183678	325764	10.68%	0.783%
28	10.451	1263	1269	1283	rBV2	231717	493242	16.17%	1.185%
29	11.710	1479	1483	1490	rVB4	38059	59598	1.95%	0.143%
30	11.963	1520	1526	1533	rBV	139092	223290	7.32%	0.536%
31	12.186	1559	1564	1571	rBV	47498	81949	2.69%	0.197%
32	12.639	1635	1641	1646	rBV6	29415	55230	1.81%	0.133%
33	12.986	1695	1700	1706	rBV4	67234	114012	3.74%	0.274%
34	13.122	1719	1723	1733	rVB5	54240	106863	3.50%	0.257%

LSC Area Percent Report

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Acq On : 28 Feb 2018 12:48
Operator : SJ/JU
Sample : J1646-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Title : SVOA CALIBRATION

35	13.339	1754	1760	1767	rBV10	46003	114627	3.76%	0.275%
36	13.480	1779	1784	1792	rBV4	70161	152499	5.00%	0.366%
37	13.551	1792	1796	1797	rBV4	32994	43812	1.44%	0.105%
38	13.598	1798	1804	1808	rVV	918645	1262858	41.41%	3.034%
39	13.645	1808	1812	1817	rVB	225577	325111	10.66%	0.781%
40	13.869	1841	1850	1862	rBV	1065589	1662063	54.50%	3.993%
41	13.992	1868	1871	1877	rVB8	29618	44420	1.46%	0.107%
42	14.080	1877	1886	1889	rBV2	83919	133008	4.36%	0.320%
43	14.175	1895	1902	1909	rVB2	855586	1355655	44.45%	3.257%
44	14.239	1909	1913	1917	rBV3	52081	85007	2.79%	0.204%
45	14.392	1936	1939	1945	rBV8	22591	45224	1.48%	0.109%
46	14.463	1946	1951	1963	rBV5	139419	361975	11.87%	0.870%
47	14.586	1967	1972	1976	rBV	77096	122841	4.03%	0.295%
48	14.880	2019	2022	2029	rVB10	31860	58648	1.92%	0.141%
49	15.022	2041	2046	2055	rVB2	156566	338170	11.09%	0.812%
50	15.180	2067	2073	2079	rBV	1285351	1965254	64.44%	4.721%
51	15.239	2080	2083	2088	rVB2	66915	95473	3.13%	0.229%
52	15.345	2097	2101	2107	rBV7	68995	118108	3.87%	0.284%
53	15.451	2116	2119	2124	rVB7	48253	80580	2.64%	0.194%
54	15.533	2130	2133	2140	rBV8	36863	74258	2.43%	0.178%
55	15.774	2172	2174	2178	rVB5	33480	37987	1.25%	0.091%
56	15.904	2191	2196	2203	rBV4	129048	302984	9.93%	0.728%
57	16.363	2269	2274	2286	rVB4	74488	191214	6.27%	0.459%
58	16.604	2312	2315	2320	rVB5	46402	65465	2.15%	0.157%
59	16.698	2328	2331	2335	rBV2	62240	80575	2.64%	0.194%
60	16.757	2337	2341	2346	rVB3	79421	128787	4.22%	0.309%
61	16.939	2367	2372	2375	rBV	1026763	1437082	47.12%	3.452%
62	16.980	2375	2379	2384	rVB	842184	1076803	35.31%	2.587%
63	17.039	2384	2389	2393	rBV	1302206	1824326	59.82%	4.382%
64	17.439	2454	2457	2459	rBV4	58540	58476	1.92%	0.140%
65	17.815	2518	2521	2523	rBV	99267	143573	4.71%	0.345%
66	17.851	2523	2527	2536	rVB3	729035	1172564	38.45%	2.817%
67	18.010	2550	2554	2558	rBV3	175283	259331	8.50%	0.623%
68	18.133	2572	2575	2578	rBV2	105181	133180	4.37%	0.320%
69	19.009	2719	2724	2731	rBV	1836269	2673635	87.66%	6.423%
70	19.145	2744	2747	2753	rVB6	220265	304887	10.00%	0.732%
71	19.351	2777	2782	2784	rBV2	1709655	2541849	83.34%	6.106%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : BE5Y1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Title : SVOA CALIBRATION

72	19.374	2784	2786	2796	rVB	1513761	2111077	69.22%	5.071%
73	20.404	2958	2961	2964	rVB	430619	459488	15.07%	1.104%
74	20.868	3037	3040	3047	rVB4	950277	1140703	37.40%	2.740%
75	21.151	3083	3088	3092	rBV2	1566945	3049886	100.00%	7.327%
76	21.192	3093	3095	3100	rVB	1033501	1035694	33.96%	2.488%
77	21.309	3112	3115	3119	rVB	671037	694071	22.76%	1.667%
78	21.733	3184	3187	3194	rBV3	588693	850189	27.88%	2.042%
79	23.203	3433	3437	3441	rBV2	1022269	1637319	53.68%	3.933%

Sum of corrected areas: 41627552

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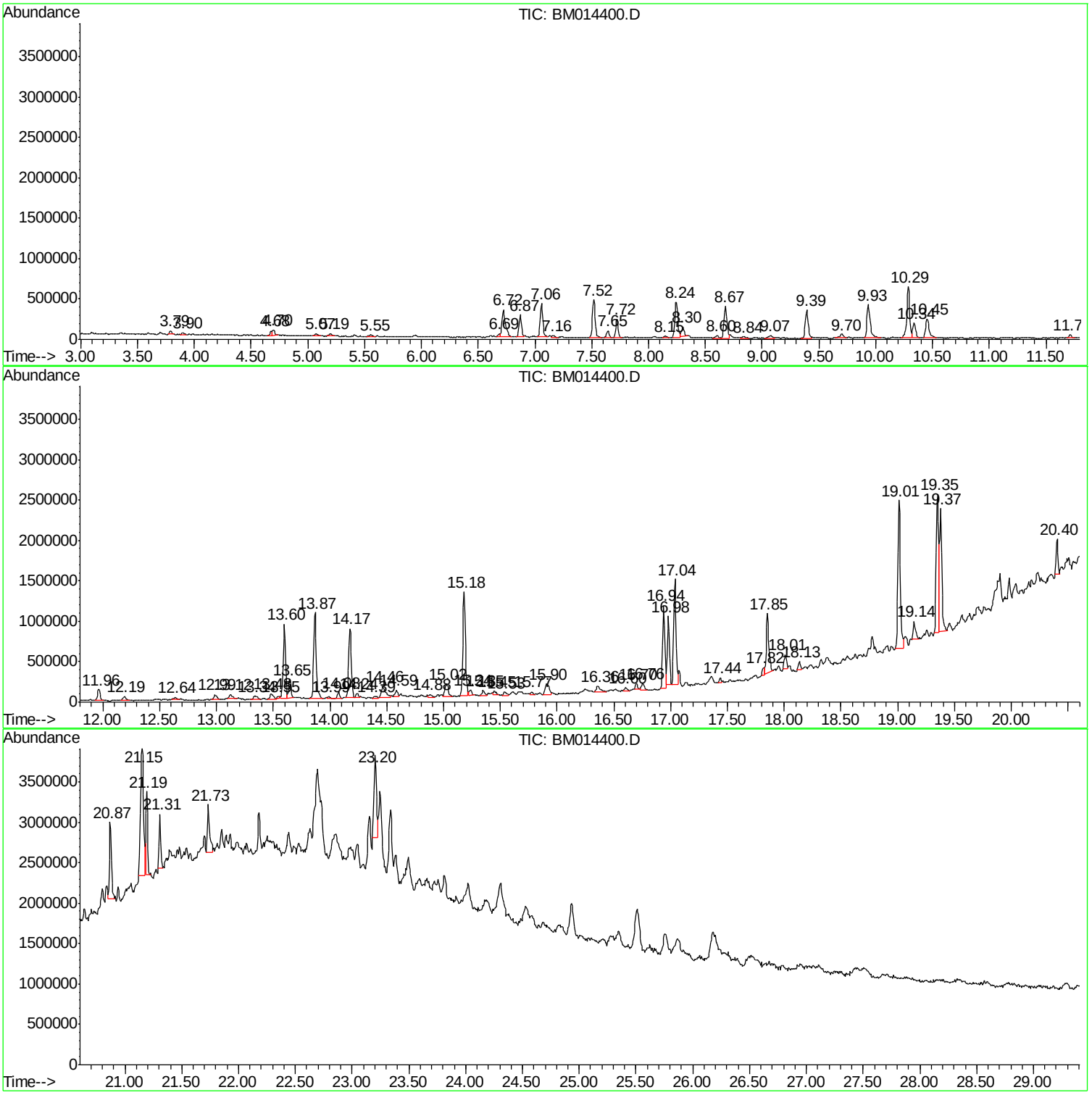
Instrument : BNA_M
ClientSampleId : BE5Y1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BM014400.D
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Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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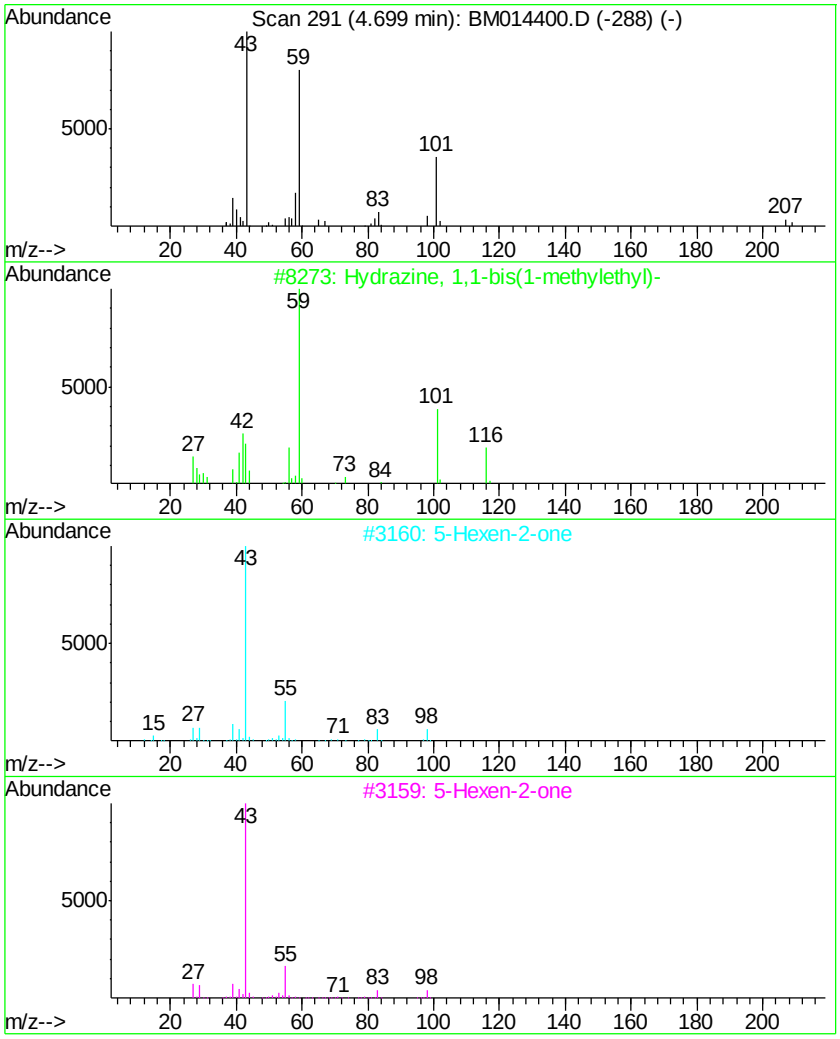
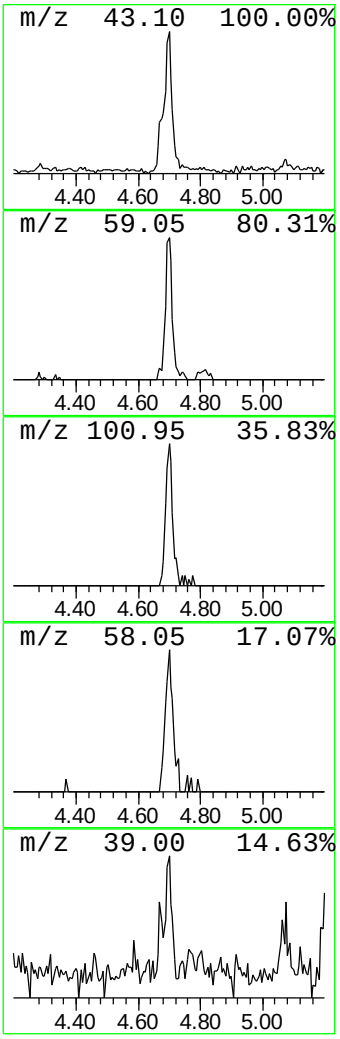
Peak Number 1 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	2.65 ng/ul	102562	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	33
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9





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Sample : J1646-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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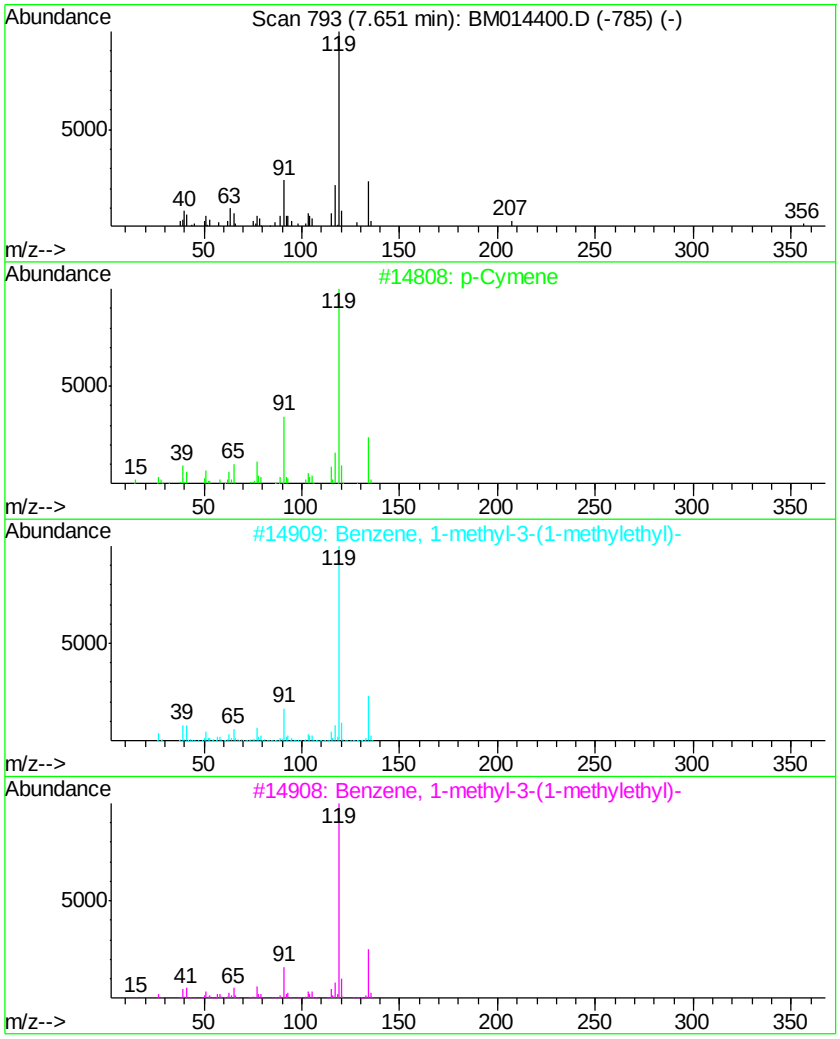
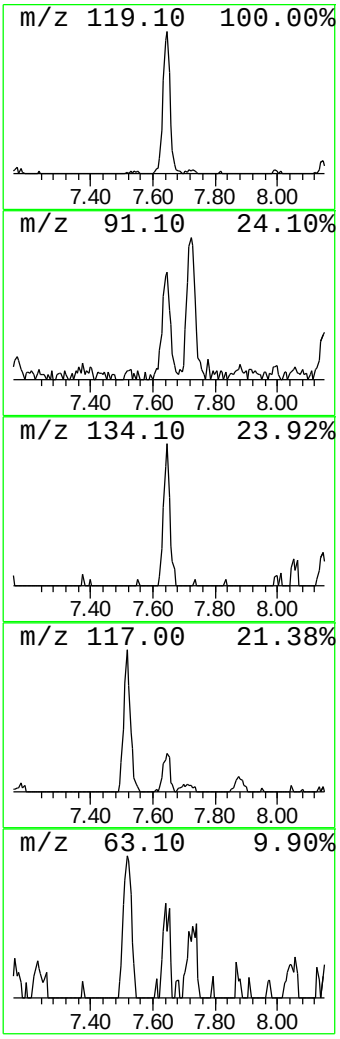
Peak Number 2 p-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	3.35 ng/ul	129585	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Misc :
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Instrument : BNA_M
ClientSampleId : BE5Y1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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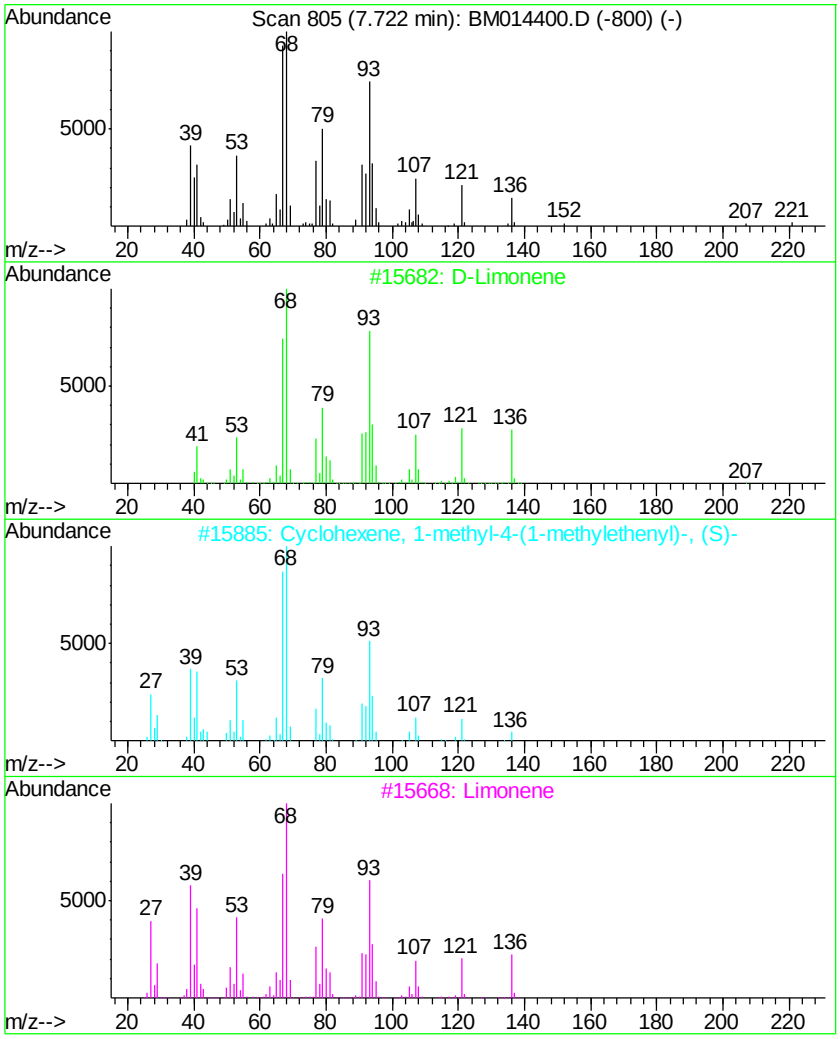
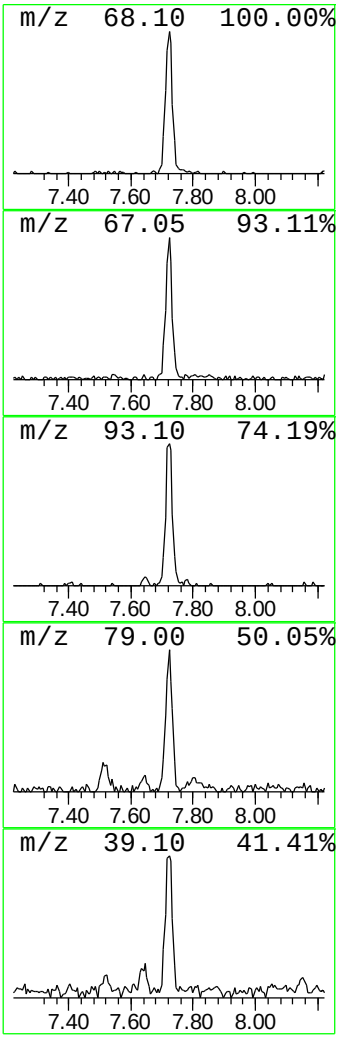
Peak Number 3 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	9.33 ng/ul	360253	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	96
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	95
3	Limonene	136	C10H16	000138-86-3	94
4	D-Limonene	136	C10H16	005989-27-5	93
5	Limonene	136	C10H16	000138-86-3	93





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BE5Y1

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Quant Title : SVOA CALIBRATION

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

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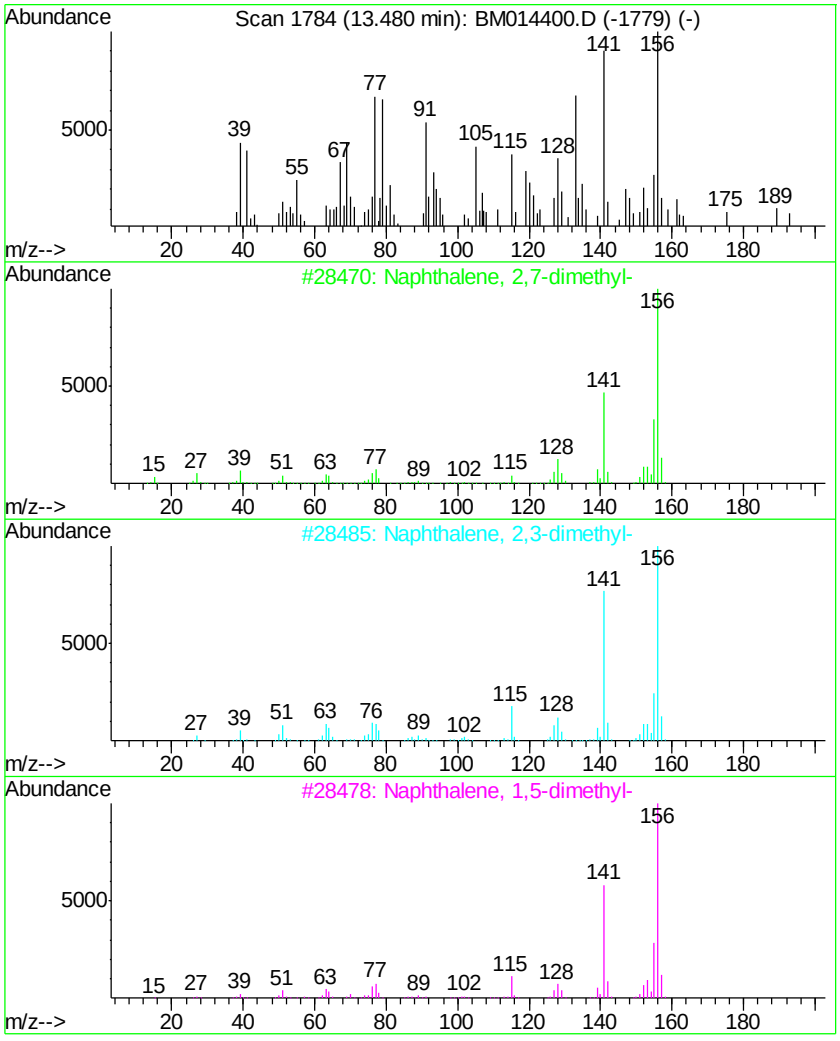
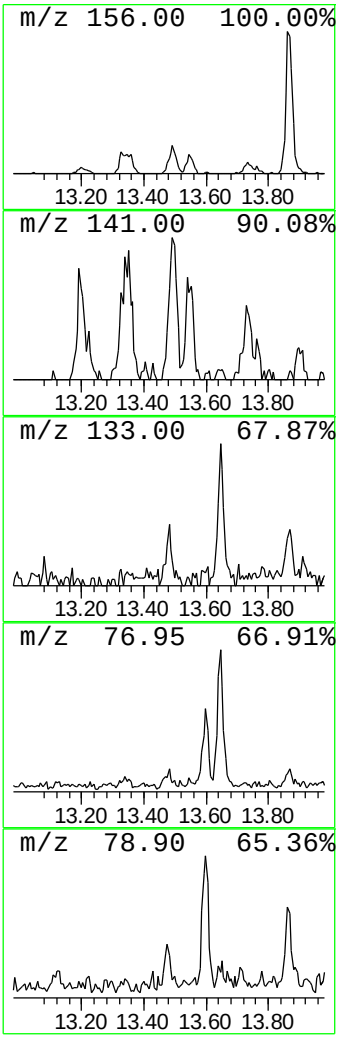
Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	2.25 ng/ul	152499	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	64
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	55
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	55
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	55
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	55





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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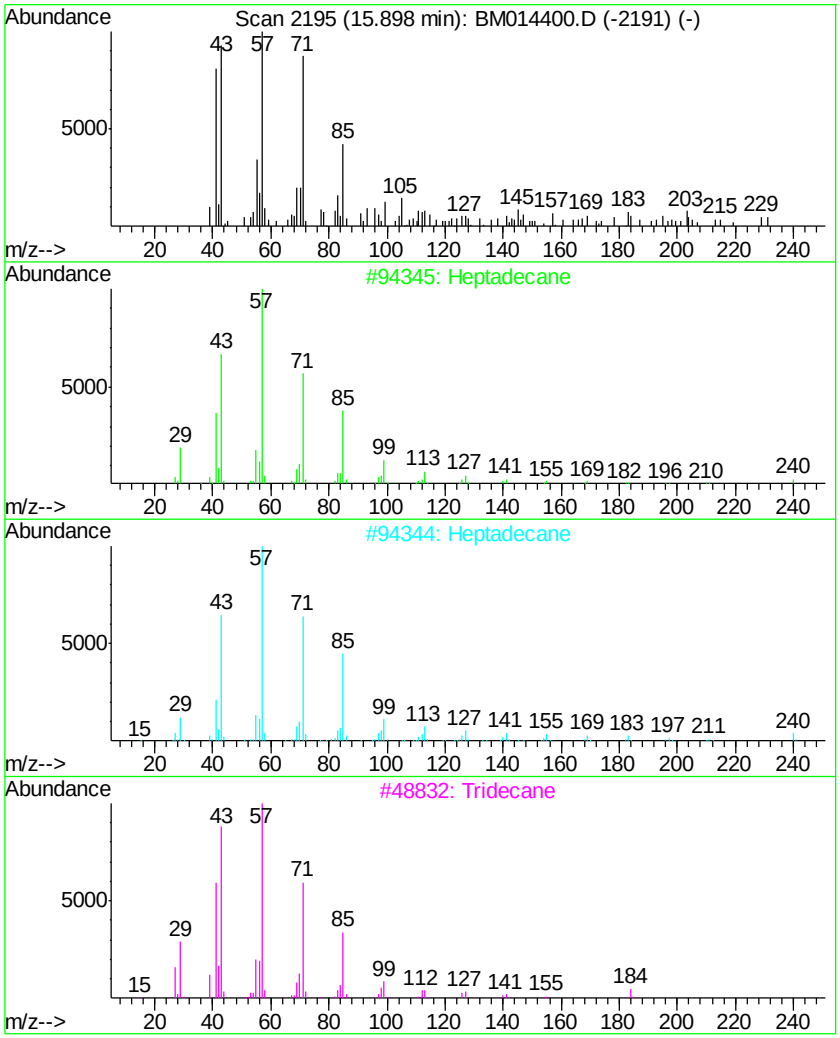
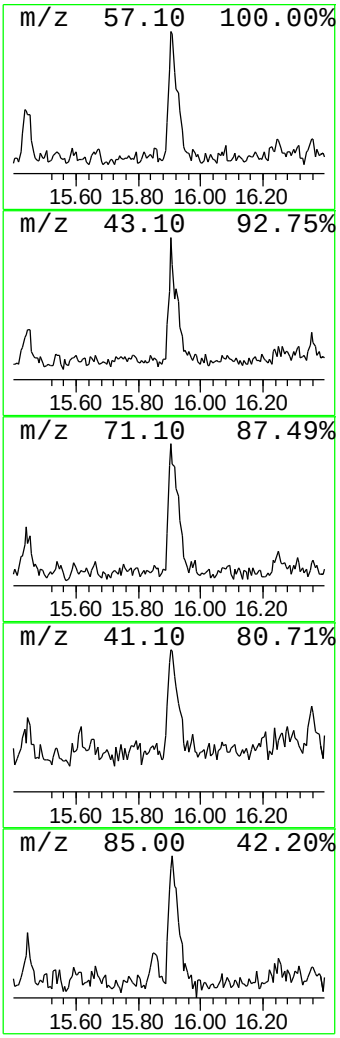
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	4.22 ng/ul	302984	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Heptadecane	240	C17H36	000629-78-7	86
3	Tridecane	184	C13H28	000629-50-5	83
4	Octacosane	394	C28H58	000630-02-4	80
5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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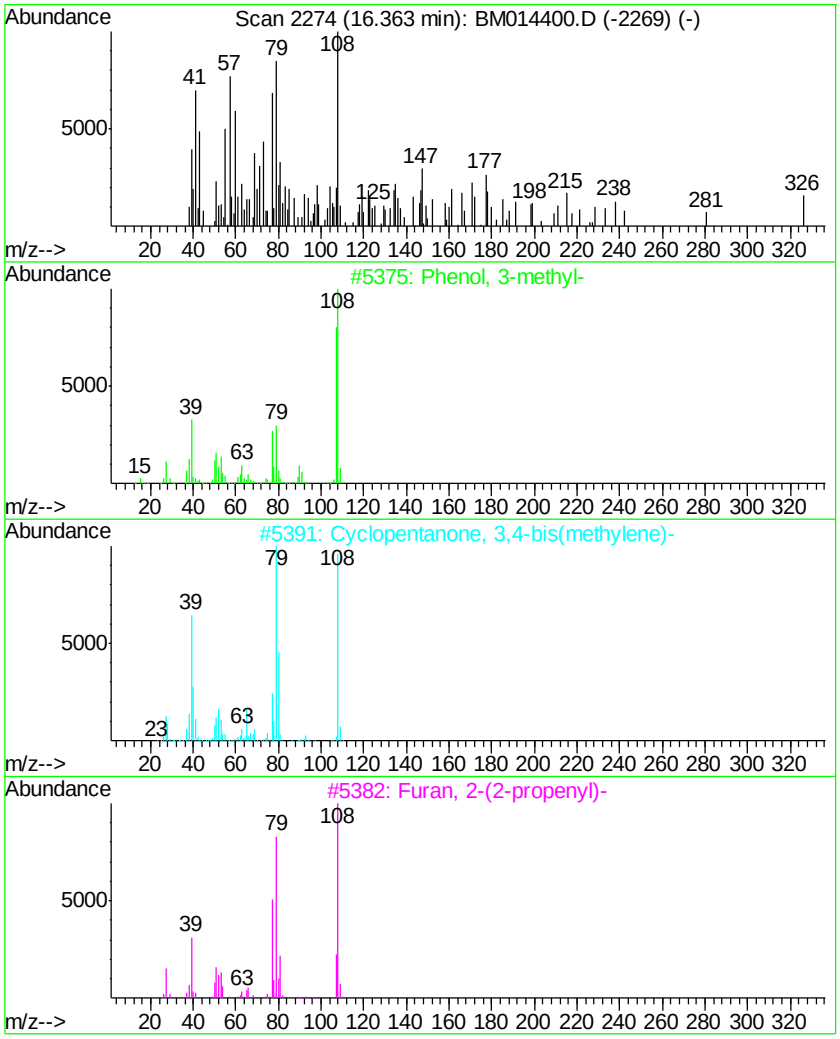
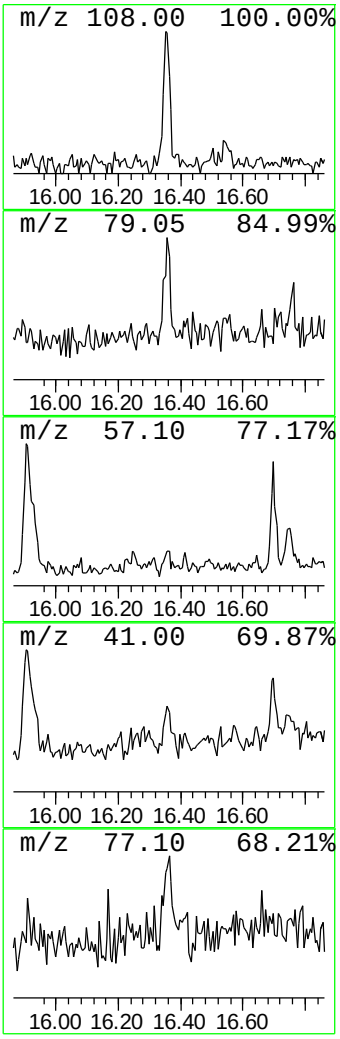
Peak Number 6 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	2.66 ng/ul	191214	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-methyl-	108	C7H8O	000108-39-4	45
2	Cyclopentanone, 3,4-bis(methylene)-	108	C7H8O	027646-73-7	45
3	Furan, 2-(2-propenyl)-	108	C7H8O	075135-41-0	45
4	Carbanilide, 4,4'-diamino-	242	C13H14N4O	004550-72-5	25
5	3-Octen-5-yne, (Z)-	108	C8H12	074744-34-6	18





Library Search Compound Report

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Acq On : 28 Feb 2018 12:48
Operator : SJ/JU
Sample : J1646-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

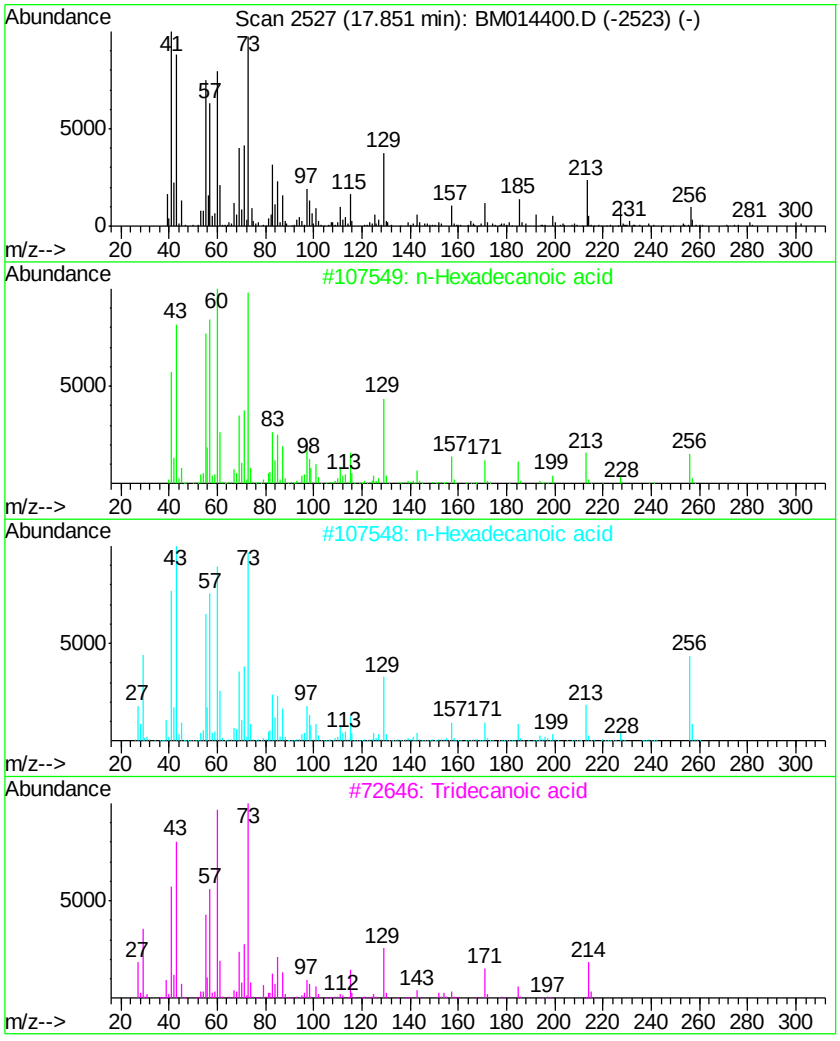
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

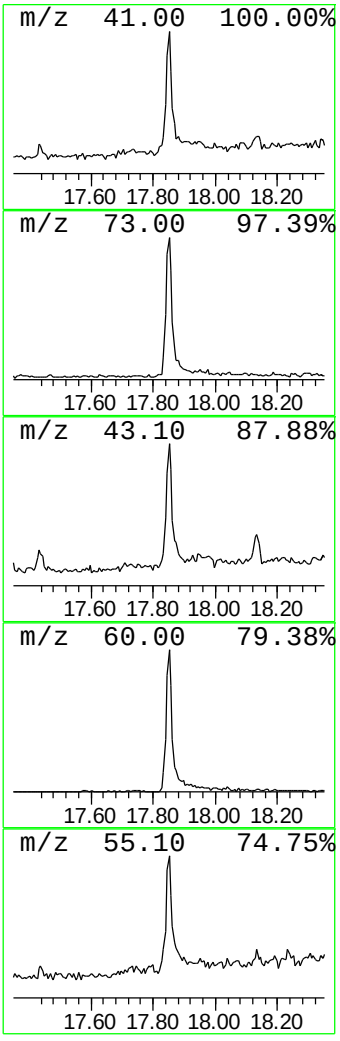
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	16.32 ng/ul	1172560	Phenanthrene-d10	16.94

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	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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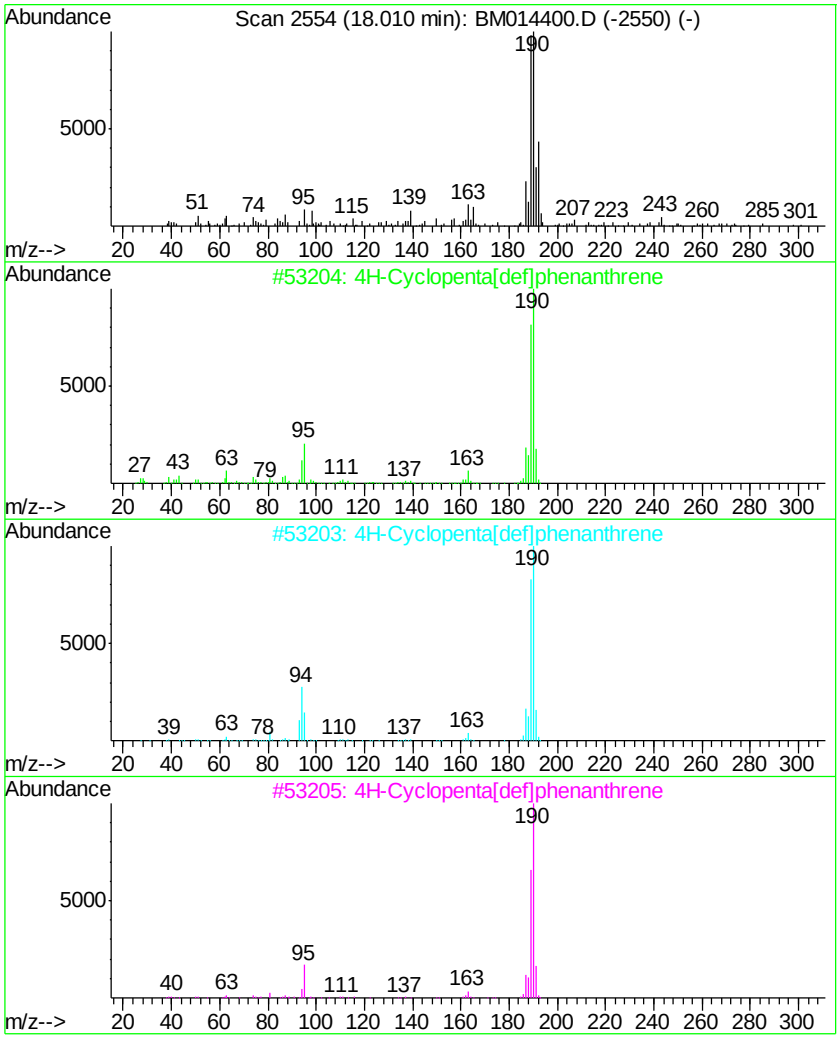
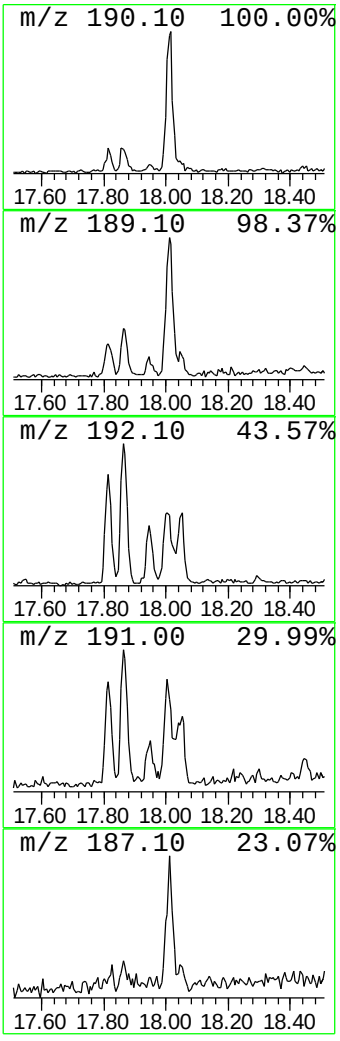
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	3.61 ng/ul	259331	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
4	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	43
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y1

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Quant Title : SVOA CALIBRATION

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

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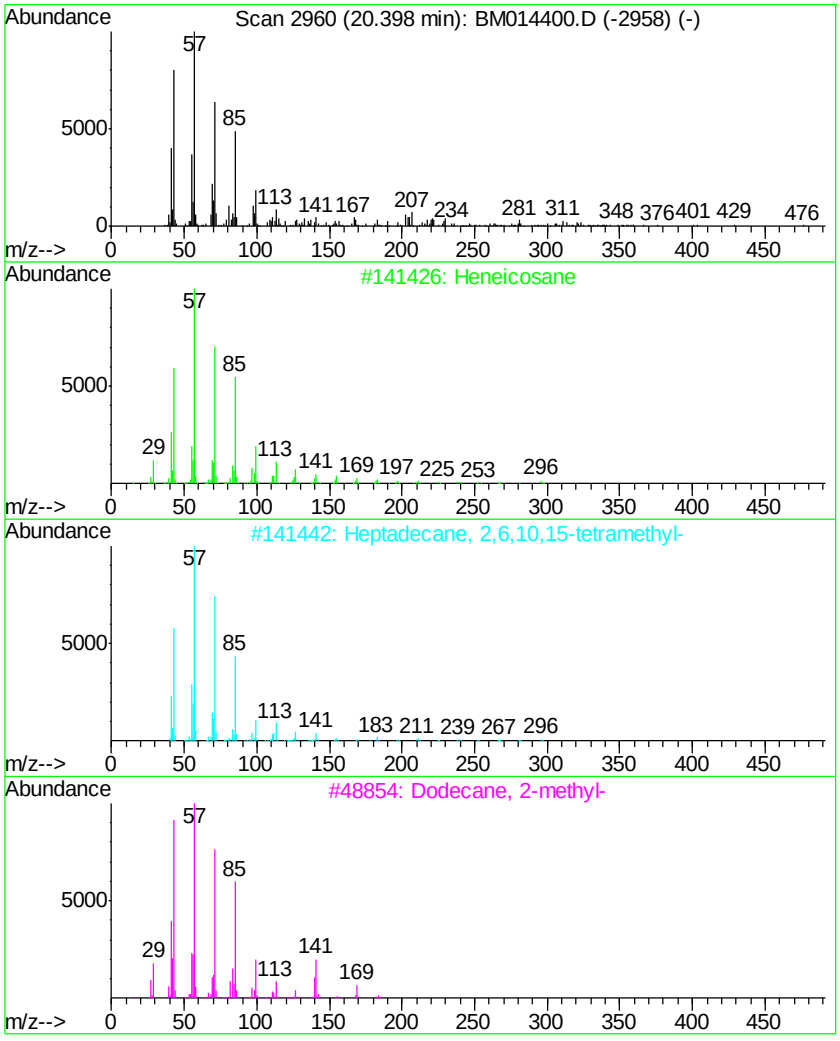
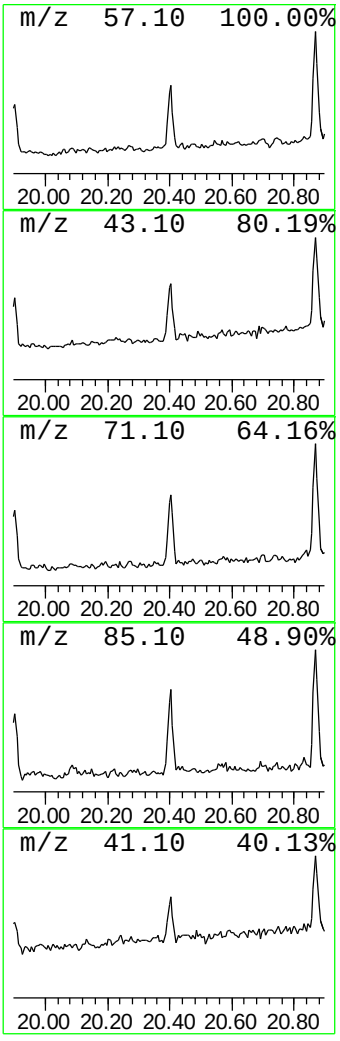
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	3.01 ng/ul	459488	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Octacosane	394	C28H58	000630-02-4	87





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Operator : SJ/JU
Sample : J1646-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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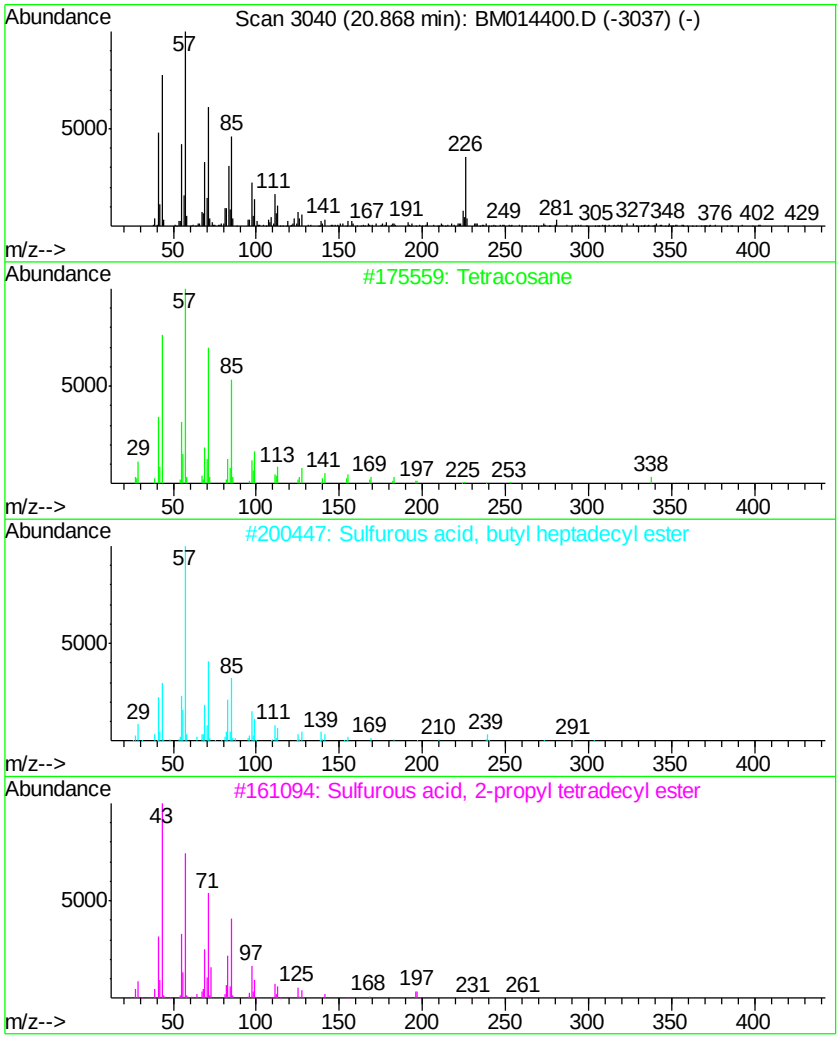
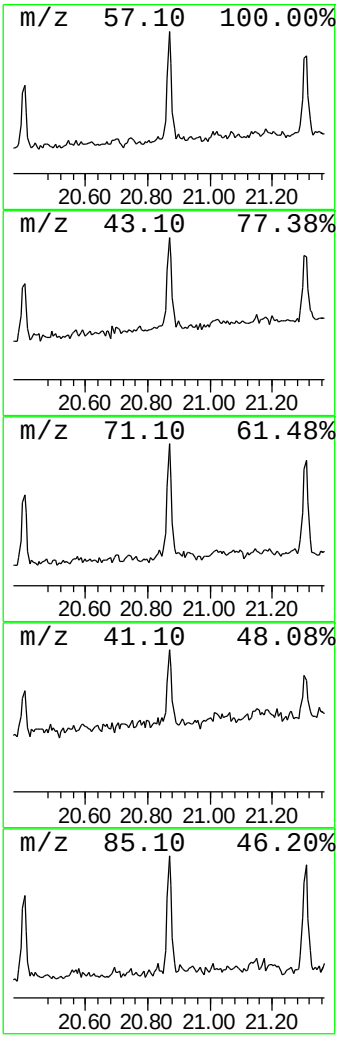
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	7.48 ng/ul	1140700	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	87
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	87
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	83
5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	83





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Acq On : 28 Feb 2018 12:48
Operator : SJ/JU
Sample : J1646-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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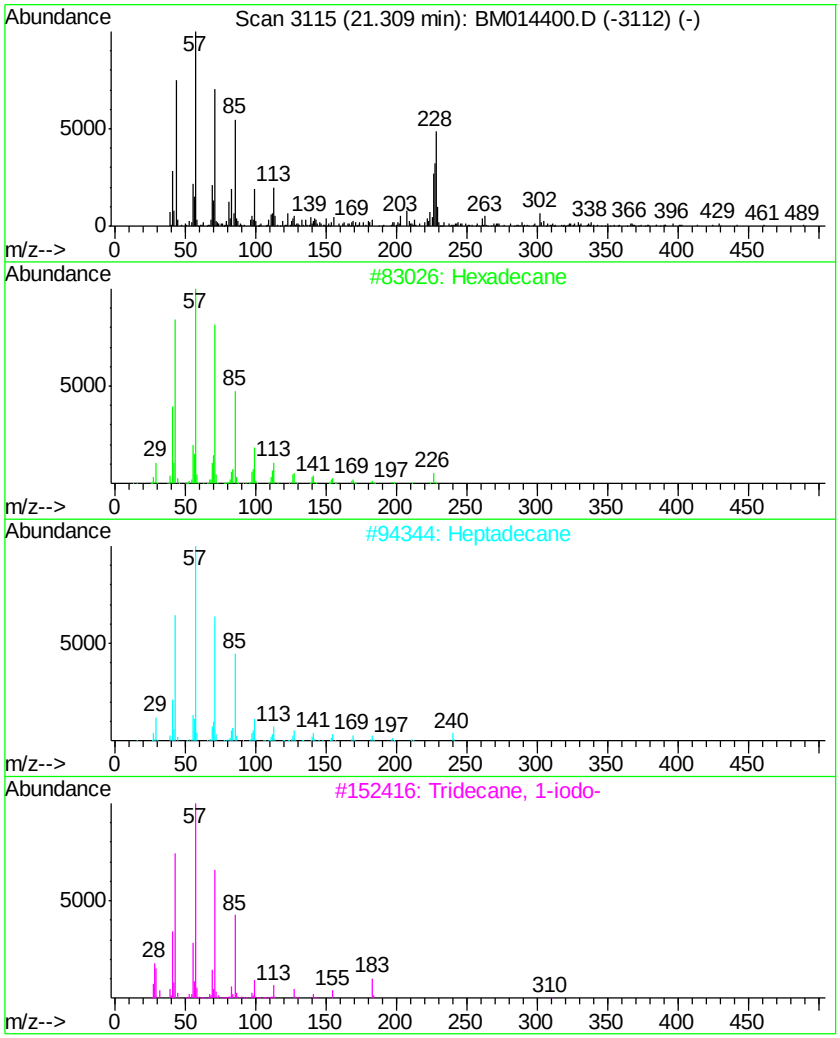
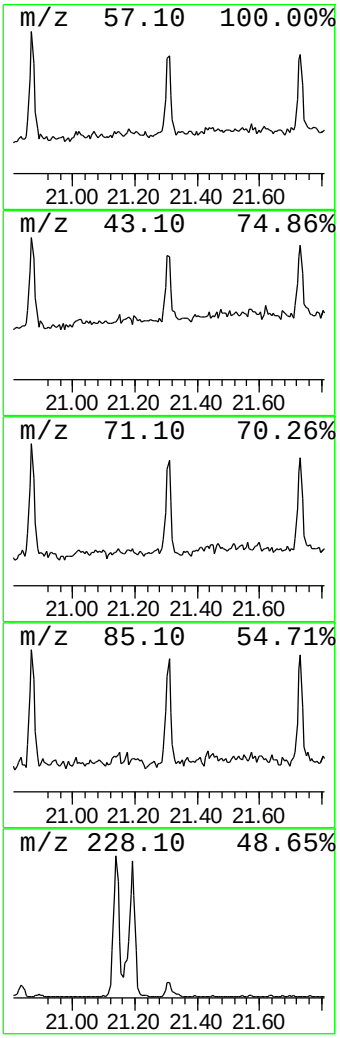
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	4.55 ng/ul	694071	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	46
2	Heptadecane	240	C17H36	000629-78-7	42
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	42
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	38
5	2-methyloctacosane	408	C29H60	1000376-72-8	38





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Misc :
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Instrument : BNA_M
ClientSampleId : BE5Y1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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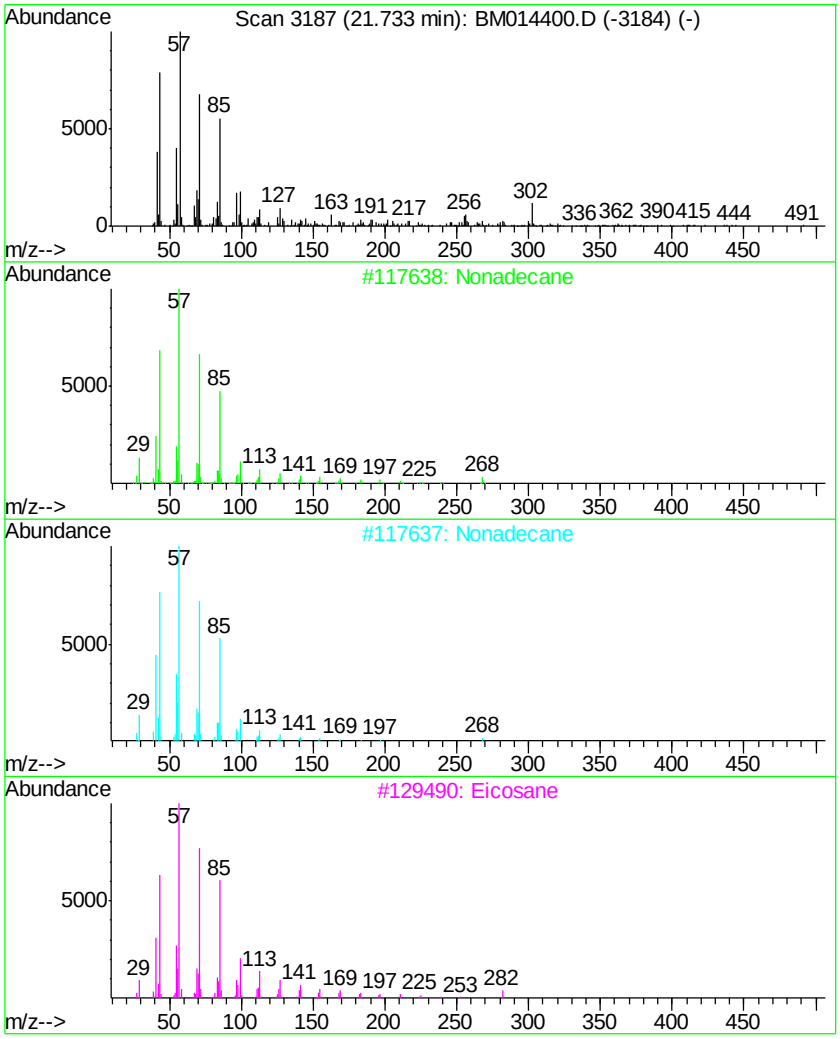
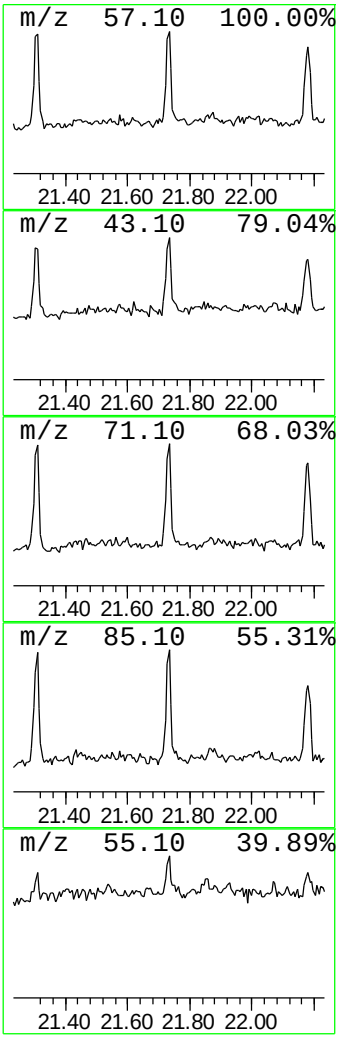
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	5.58 ng/ul	850189	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Nonadecane	268	C19H40	000629-92-5	90
3	Eicosane	282	C20H42	000112-95-8	83
4	Pentacosane	352	C25H52	000629-99-2	83
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83





Tentatively Identified Compound (LSC) summary

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Acq On : 28 Feb 2018 12:48
Operator : SJ/JU
Sample : J1646-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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
unknown-01	4.70	2.6	ng/ul	102562	1	7.52	772652	20.0
p-Cymene	7.65	3.4	ng/ul	129585	1	7.52	772652	20.0
D-Limonene	7.72	9.3	ng/ul	360253	1	7.52	772652	20.0
Naphthalene, 2,7-...	13.48	2.3	ng/ul	152499	3	14.17	1355660	20.0
(DEL) Alkane: Str...	15.90	4.2	ng/ul	302984	4	16.94	1437080	20.0
unknown-02	16.36	2.7	ng/ul	191214	4	16.94	1437080	20.0
n-Hexadecanoic acid	17.85	16.3	ng/ul	1172560	4	16.94	1437080	20.0
4H-Cyclopenta[def...	18.01	3.6	ng/ul	259331	4	16.94	1437080	20.0
(DEL) Alkane: Str...	20.40	3.0	ng/ul	459488	5	21.16	3049890	20.0
(DEL) Alkane: Str...	20.87	7.5	ng/ul	1140700	5	21.16	3049890	20.0
(DEL) Alkane: Str...	21.31	4.5	ng/ul	694071	5	21.16	3049890	20.0
(DEL) Alkane: Str...	21.73	5.6	ng/ul	850189	5	21.16	3049890	20.0