LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013982.D
Acq On : 30 Jan 2018 05:41
Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

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-BM011018.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	7.569	772	779	792	rBV	293763	555902	10.54%	1.421%
2	10.339	1240	1250	1254	rBV	485998	842287	15.98%	2.153%
3	10.386	1254	1258	1274	rVV	1300491	2322353	44.05%	5.937%
4	10.516	1274	1280	1287	rVB2	35724	76084	1.44%	0.195%
5	11.774	1489	1494	1504	rBV3	42441	82557	1.57%	0.211%
6	12.016	1527	1535	1546	rBV	1040653	1746390	33.12%	4.465%
7	12.233	1562	1572	1582	rBV	454453	823473	15.62%	2.105%
8	13.045	1703	1710	1717	rBV2	313510	560877	10.64%	1.434%
9	13.245	1739	1744	1755	rVB2	93474	185452	3.52%	0.474%
10	13.380	1761	1767	1768	rBV2	115269	163795	3.11%	0.419%
11	13.539	1788	1794	1799	rBV	171814	324530	6.16%	0.830%
12	13.592	1799	1803	1809	rVV	101229	166966	3.17%	0.427%
13	13.704	1816	1822	1826	rVB3	53489	81591	1.55%	0.209%
14	13.780	1831	1835	1839	rVV2	68340	114678	2.18%	0.293%
15	13.915	1852	1858	1860	rBV	41466	55365	1.05%	0.142%
16	13.945	1860	1863	1870	rVB2	46791	69940	1.33%	0.179%
17	14.127	1887	1894	1898	rBV	144501	195203	3.70%	0.499%
18	14.221	1901	1910	1916	rVV4	828556	1769737	33.57%	4.524%
19	14.286	1916	1921	1931	rVV	985274	1517712	28.79%	3.880%
20	14.374	1931	1936	1942	rVV3	54463	100319	1.90%	0.256%
21	14.433	1942	1946	1954	rVB4	30018	64347	1.22%	0.164%
22	14.533	1957	1963	1967	rBV3	36958	71095	1.35%	0.182%
23	14.627	1973	1979	1989	rVV	908533	1419640	26.93%	3.629%
24	14.704	1989	1992	1997	rVV2	37051	63384	1.20%	0.162%
25	14.851	2009	2017	2021	rVV6	37779	64736	1.23%	0.165%
26	15.086	2052	2057	2065	rVB	165490	228864	4.34%	0.585%
27	15.221	2075	2080	2083	rVB3	53053	81496	1.55%	0.208%
28	15.280	2083	2090	2096	rBV	754486	1151068	21.83%	2.943%
29	15.439	2114	2117	2122	rVB	94350	125666	2.38%	0.321%
30	15.492	2122	2126	2129	rBV3	55828	75197	1.43%	0.192%
31	15.527	2129	2132	2136	rVV2	54049	69774	1.32%	0.178%
32	15.574	2136	2140	2148	rVB	164669	255562	4.85%	0.653%
33	15.692	2155	2160	2163	rBV	372104	513244	9.73%	1.312%
34	15.721	2163	2165	2173	rVB	149211	286723	5.44%	0.733%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013982.D
Acq On : 30 Jan 2018 05:41
Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

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-BM011018.M
Title : SVOA CALIBRATION

35	15.951	2199	2204	2206	rBV2	182484	266369	5.05%	0.681%
36	16.015	2211	2215	2223	rVB2	208305	299677	5.68%	0.766%
37	16.286	2256	2261	2266	rVV2	64105	106601	2.02%	0.273%
38	16.433	2280	2286	2292	rVB9	29926	65426	1.24%	0.167%
39	16.515	2292	2300	2303	rBV4	46757	93099	1.77%	0.238%
40	16.639	2317	2321	2327	rVB5	122458	201912	3.83%	0.516%
41	16.739	2327	2338	2343	rBV4	182974	391939	7.43%	1.002%
42	16.798	2343	2348	2356	rVB	255699	415781	7.89%	1.063%
43	16.886	2358	2363	2366	rBV2	73427	92594	1.76%	0.237%
44	16.974	2373	2378	2381	rBV	1039492	1456974	27.63%	3.725%
45	17.021	2381	2386	2392	rVV	3760608	5272372	100.00%	13.479%
46	17.109	2392	2401	2407	rVB	405070	742629	14.09%	1.898%
47	17.198	2413	2416	2424	rVB3	96492	148847	2.82%	0.381%
48	17.392	2443	2449	2458	rBV	173661	388442	7.37%	0.993%
49	17.480	2460	2464	2470	rBV3	129754	238086	4.52%	0.609%
50	17.568	2476	2479	2486	rVB8	34022	58828	1.12%	0.150%
51	17.756	2507	2511	2517	rBV7	28535	57913	1.10%	0.148%
52	17.850	2522	2527	2532	rBV	200847	301050	5.71%	0.770%
53	17.903	2532	2536	2542	rVB	282082	407801	7.73%	1.043%
54	17.986	2546	2550	2555	rBV2	78694	113093	2.15%	0.289%
55	18.045	2555	2560	2565	rBV	330116	541003	10.26%	1.383%
56	18.174	2577	2582	2586	rBV	120362	154919	2.94%	0.396%
57	18.362	2609	2614	2621	rVB	161816	235999	4.48%	0.603%
58	18.615	2649	2657	2662	rBV8	39186	83498	1.58%	0.213%
59	18.780	2679	2685	2688	rBV4	56656	96884	1.84%	0.248%
60	18.815	2688	2691	2694	rVV2	83414	98336	1.87%	0.251%
61	19.045	2723	2730	2737	rBV	1952139	2740239	51.97%	7.005%
62	19.409	2782	2792	2801	rBV	1300790	2317625	43.96%	5.925%
63	19.486	2802	2805	2813	rVB2	61607	108384	2.06%	0.277%
64	19.597	2818	2824	2830	rBV	70440	120367	2.28%	0.308%
65	19.733	2843	2847	2848	rBV2	50003	56247	1.07%	0.144%
66	19.915	2873	2878	2885	rVB2	142922	289177	5.48%	0.739%
67	20.015	2891	2895	2899	rBV	146928	181422	3.44%	0.464%
68	20.068	2899	2904	2908	rBV5	56233	96538	1.83%	0.247%
69	20.433	2963	2966	2969	rBV5	44163	54010	1.02%	0.138%
70	20.833	3031	3034	3037	rBV2	42887	54053	1.03%	0.138%
71	20.862	3037	3039	3042	rVV3	54580	57175	1.08%	0.146%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013982.D
Acq On : 30 Jan 2018 05:41
Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

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-BM011018.M
Title : SVOA CALIBRATION

72	20.903	3043	3046	3052	rVB4	57159	96458	1.83%	0.247%
73	21.180	3086	3093	3097	rBV2	1563181	2336356	44.31%	5.973%
74	21.215	3097	3099	3105	rVB2	198915	263971	5.01%	0.675%
75	21.333	3116	3119	3123	rVB3	68557	82556	1.57%	0.211%
76	23.362	3458	3464	3473	rVB	884584	1706126	32.36%	4.362%

Sum of corrected areas: 39116783

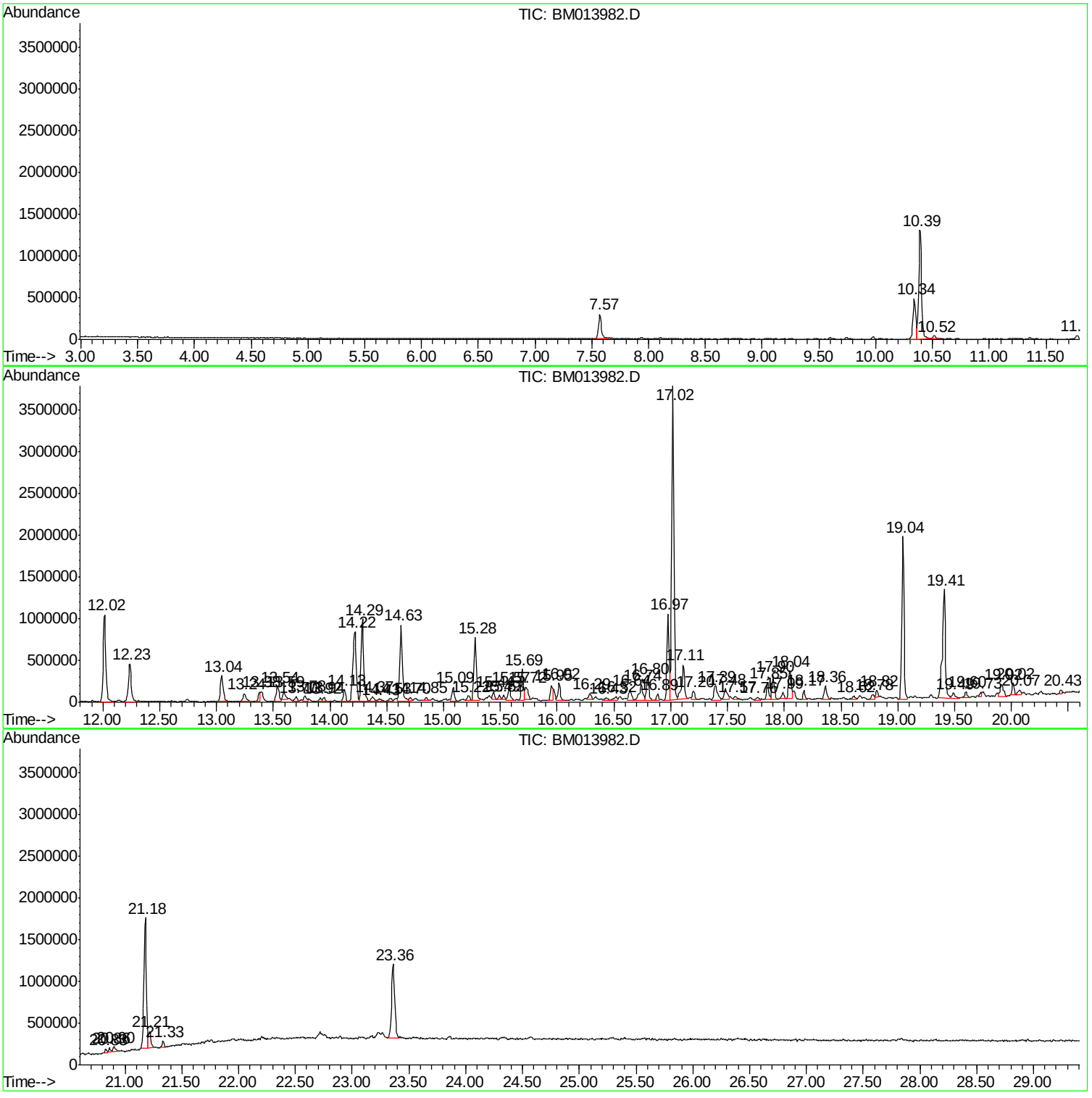
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013982.D
Acq On : 30 Jan 2018 05:41
Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013982.D
Acq On : 30 Jan 2018 05:41
Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

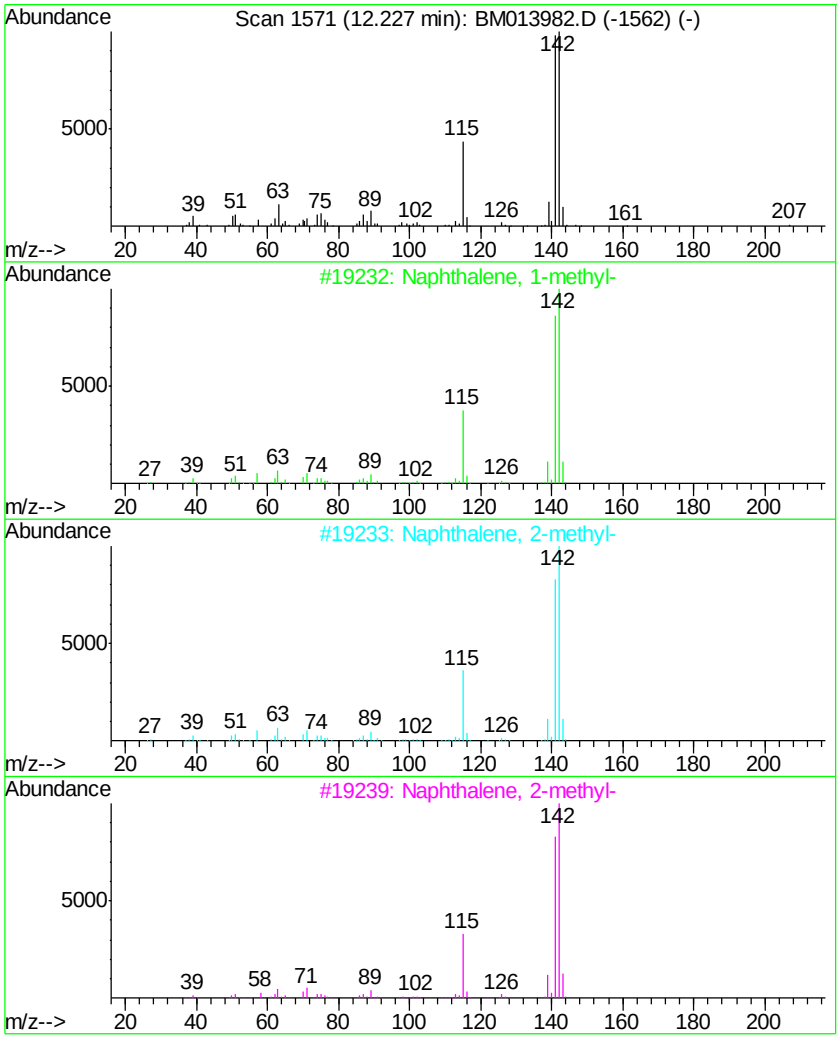
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

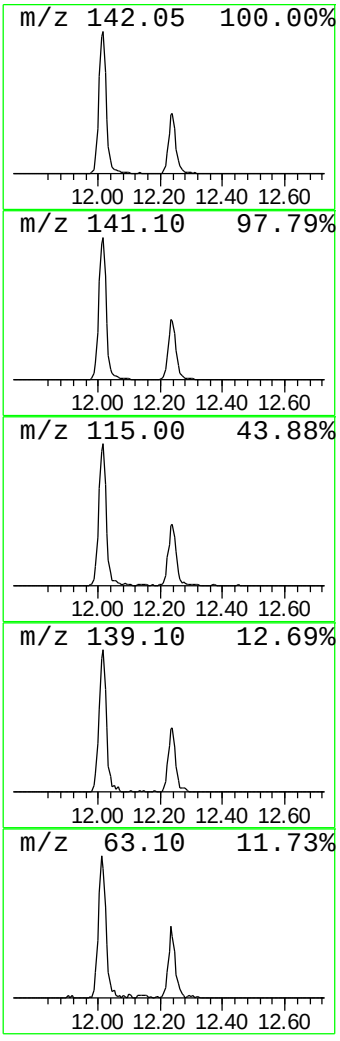
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	19.55 ng/ul	823473	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Benzocycloheptatriene	142	C11H10	000264-09-5	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013982.D
Acq On : 30 Jan 2018 05:41
Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

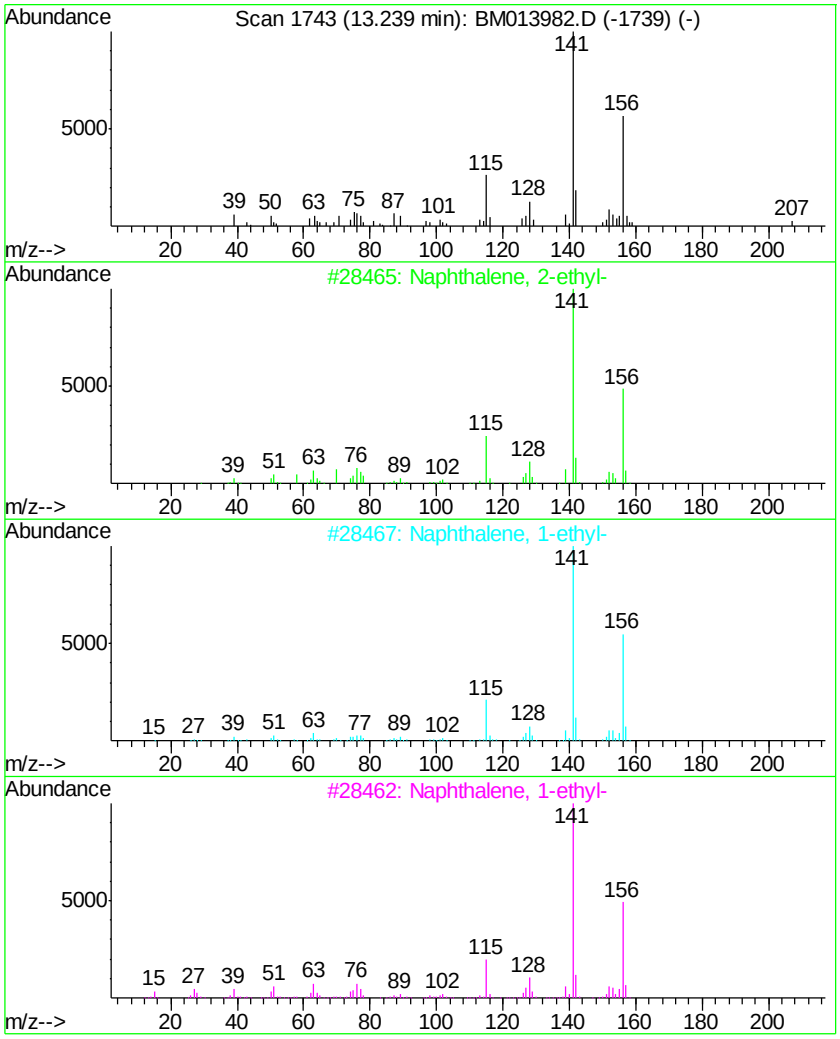
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

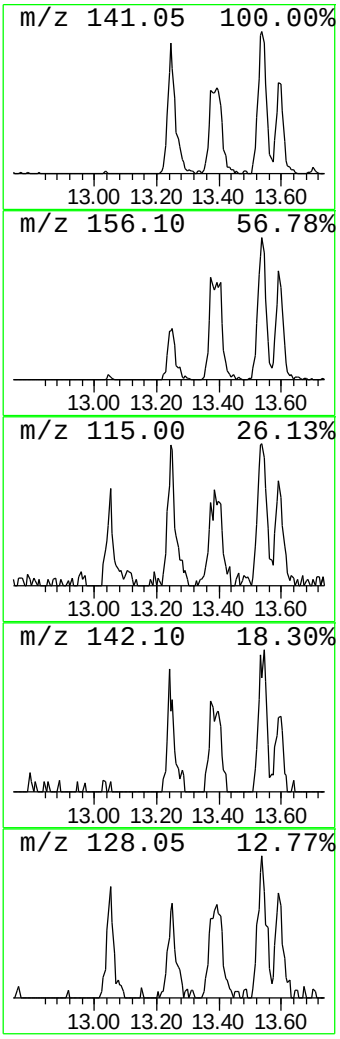
****

Peak Number 2 Naphthalene, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	2.10 ng/ul	185452	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013982.D
Acq On : 30 Jan 2018 05:41
Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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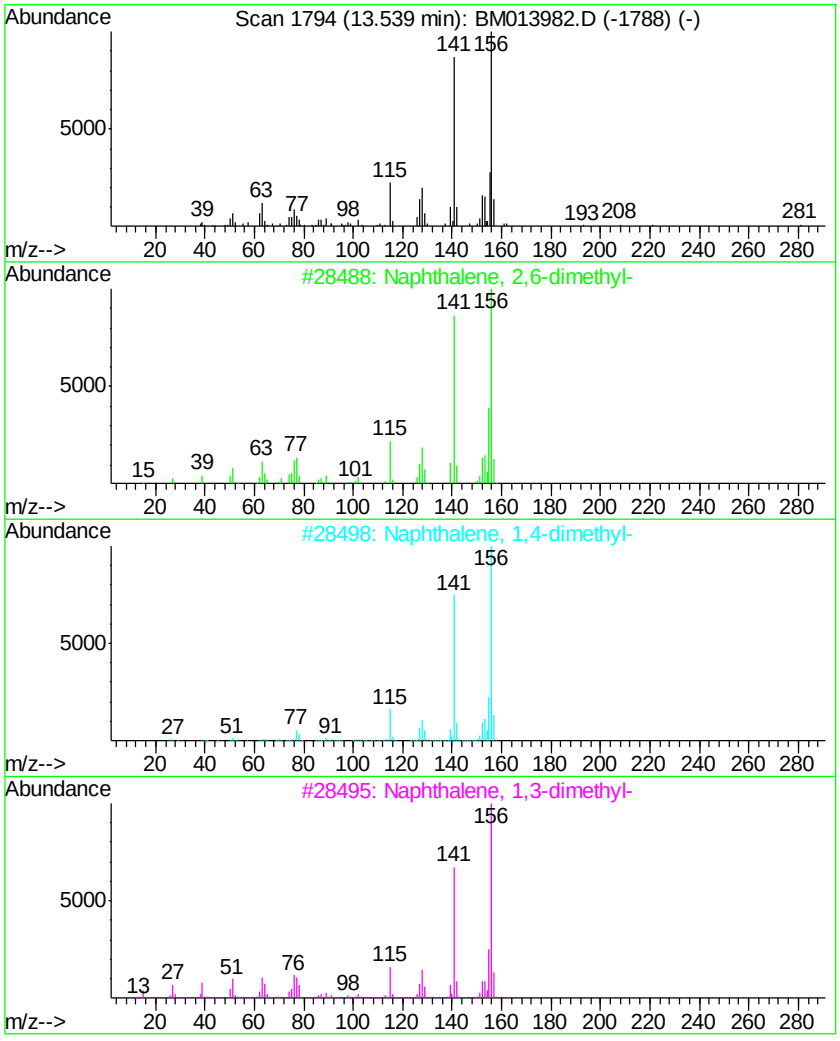
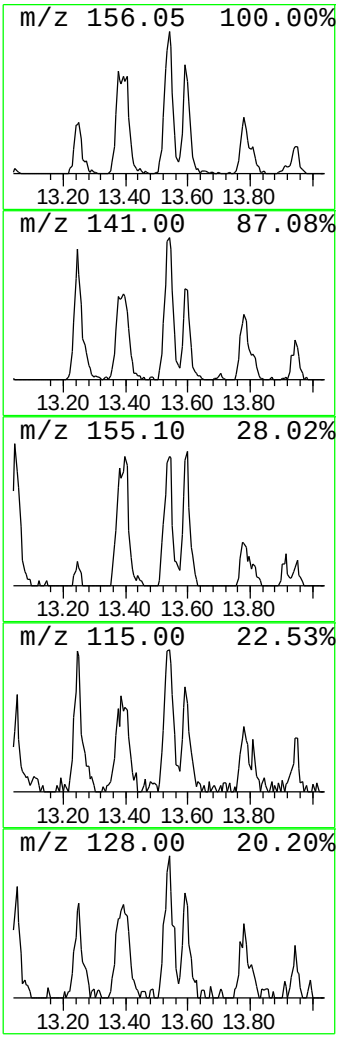
Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	3.67 ng/ul	324530	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013982.D
Acq On : 30 Jan 2018 05:41
Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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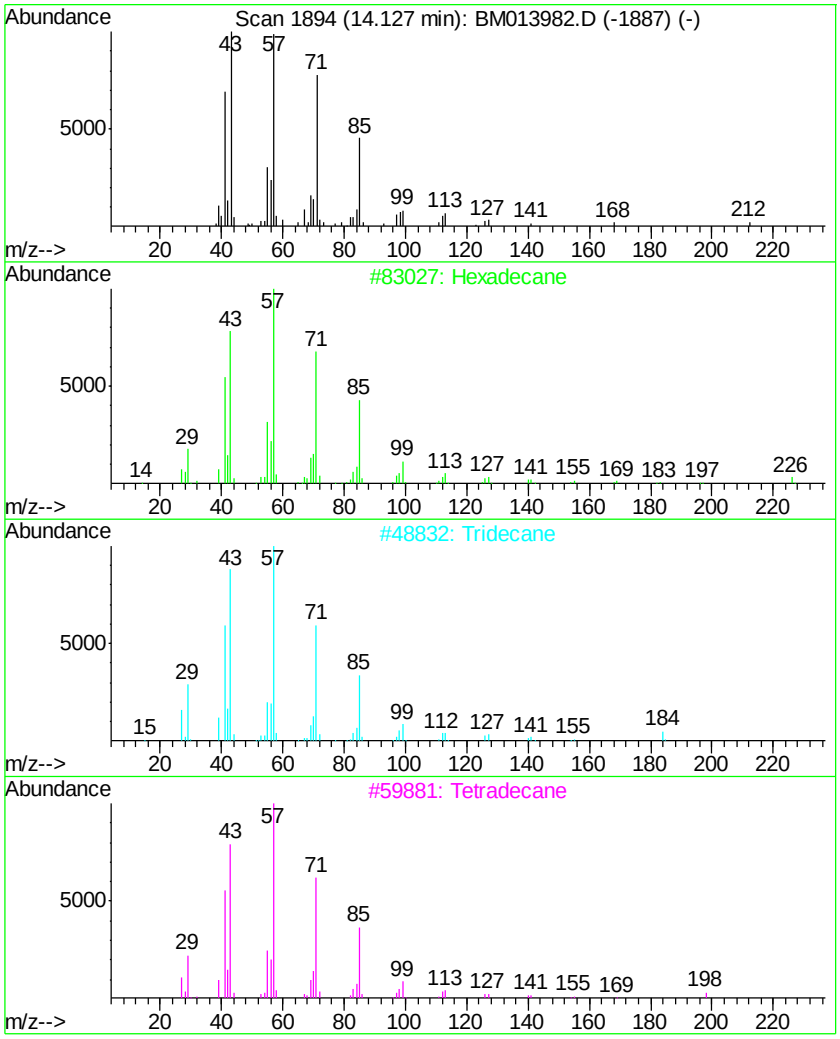
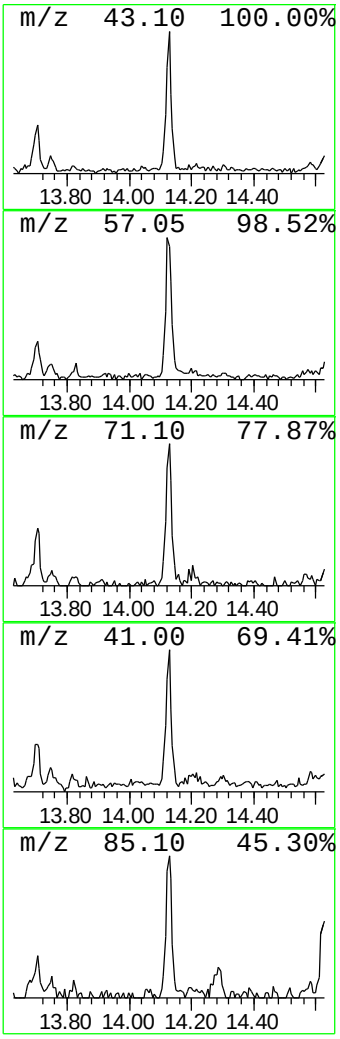
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.21 ng/ul	195203	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Dodecane	170	C12H26	000112-40-3	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013982.D
Acq On : 30 Jan 2018 05:41
Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

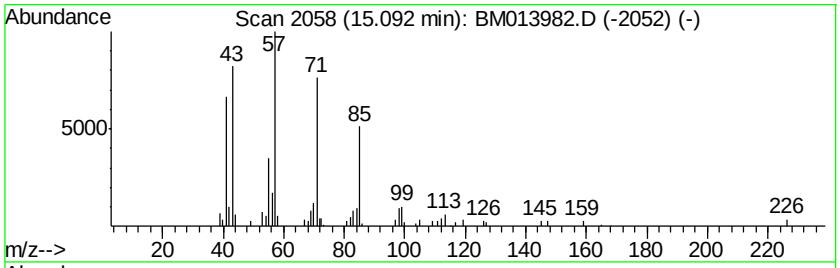
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

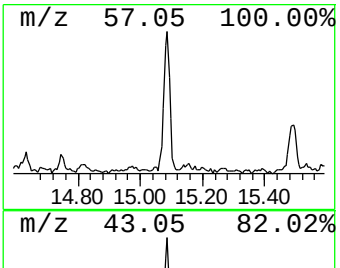
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.59 ng/ul	228864	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetradecane	198	C14H30	000629-59-4	86
3	Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	80
4	Heptadecane	240	C17H36	000629-78-7	72
5	Hexadecane	226	C16H34	000544-76-3	70





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013982.D
Acq On : 30 Jan 2018 05:41
Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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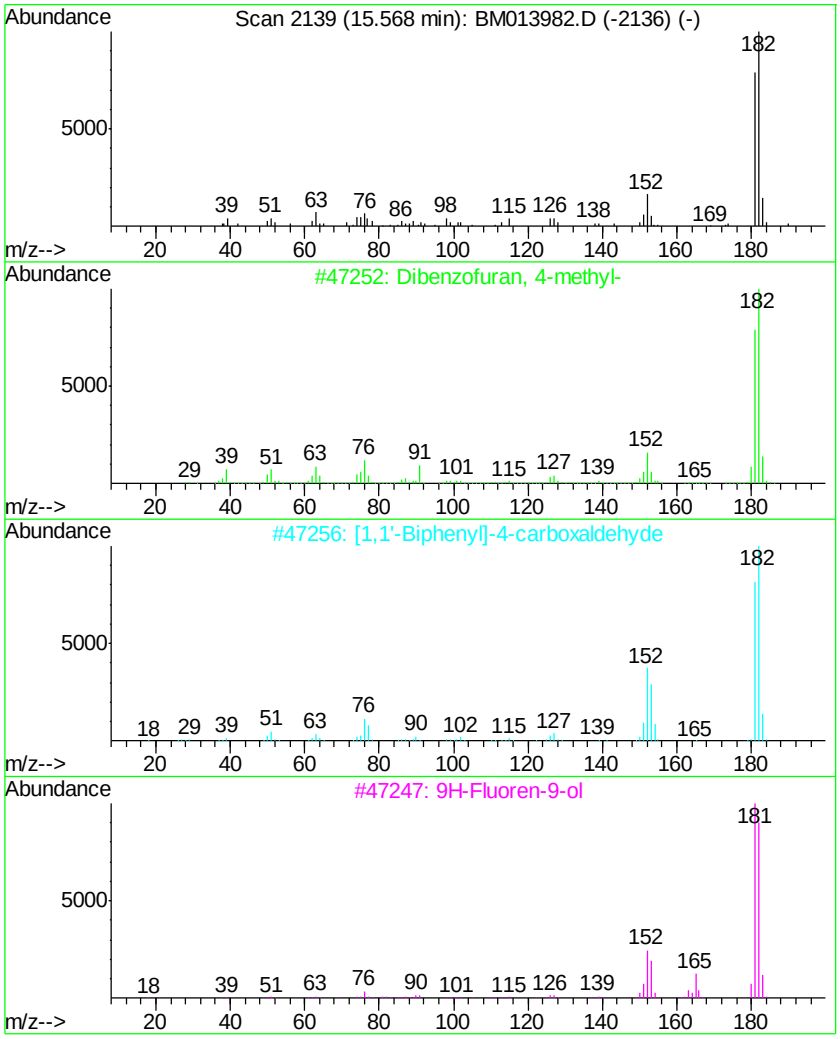
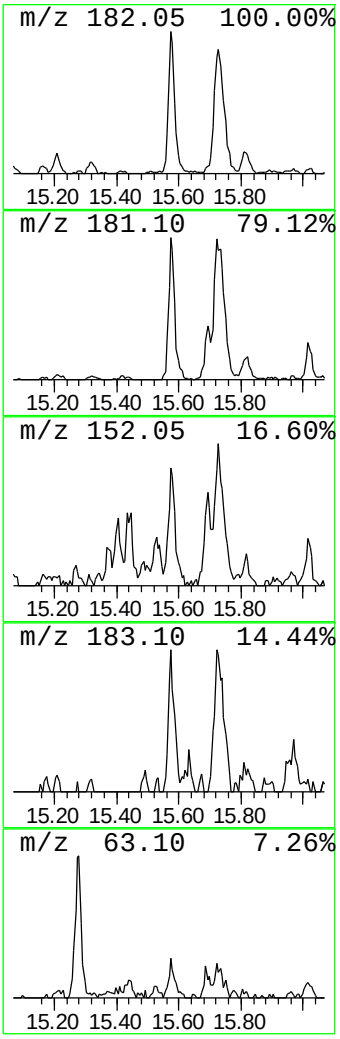
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.89 ng/ul	255562	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	72
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013982.D
Acq On : 30 Jan 2018 05:41
Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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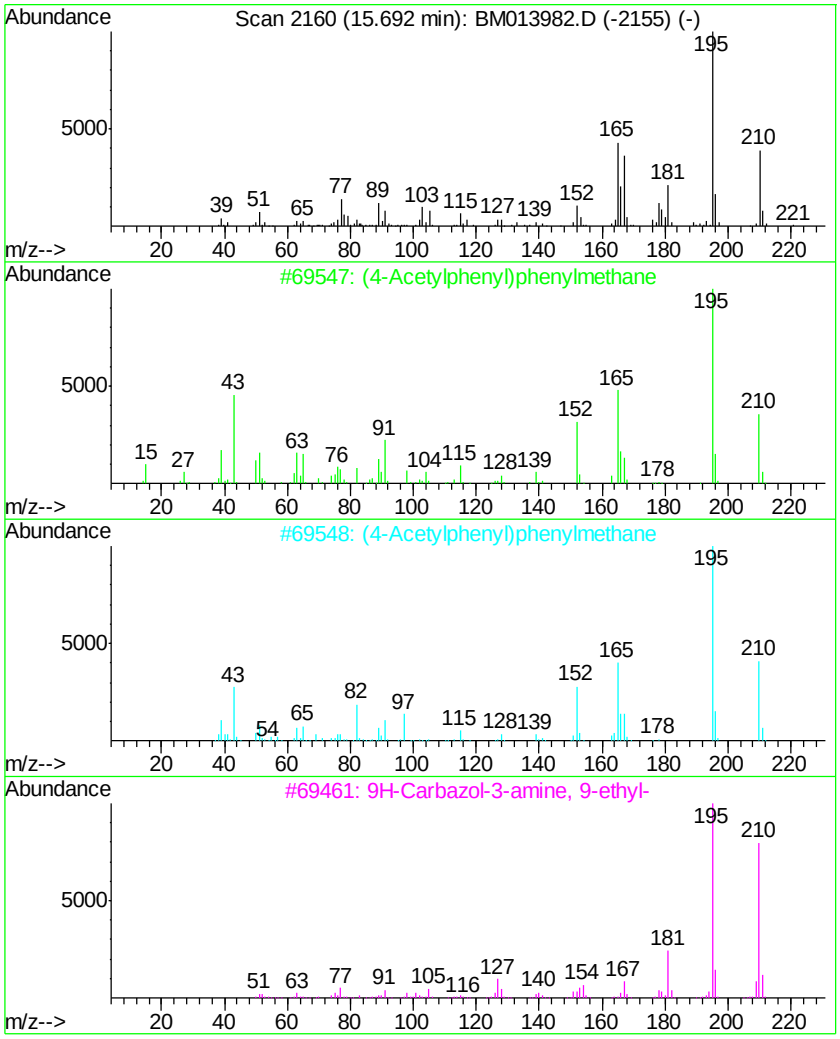
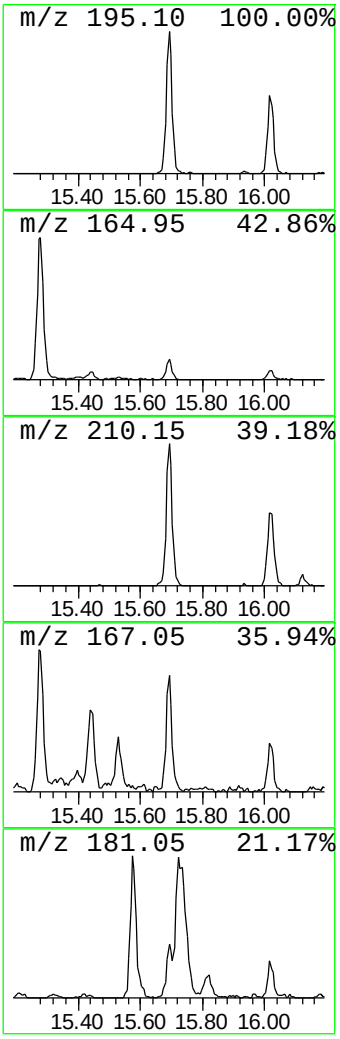
Peak Number 7 (4-Acetylphenyl)phenylmethane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	7.05 ng/ul	513244	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	58
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	58
3	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	47
4	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	47
5	2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	43





Library Search Compound Report

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Acq On : 30 Jan 2018 05:41
Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

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Quant Title : SVOA CALIBRATION

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

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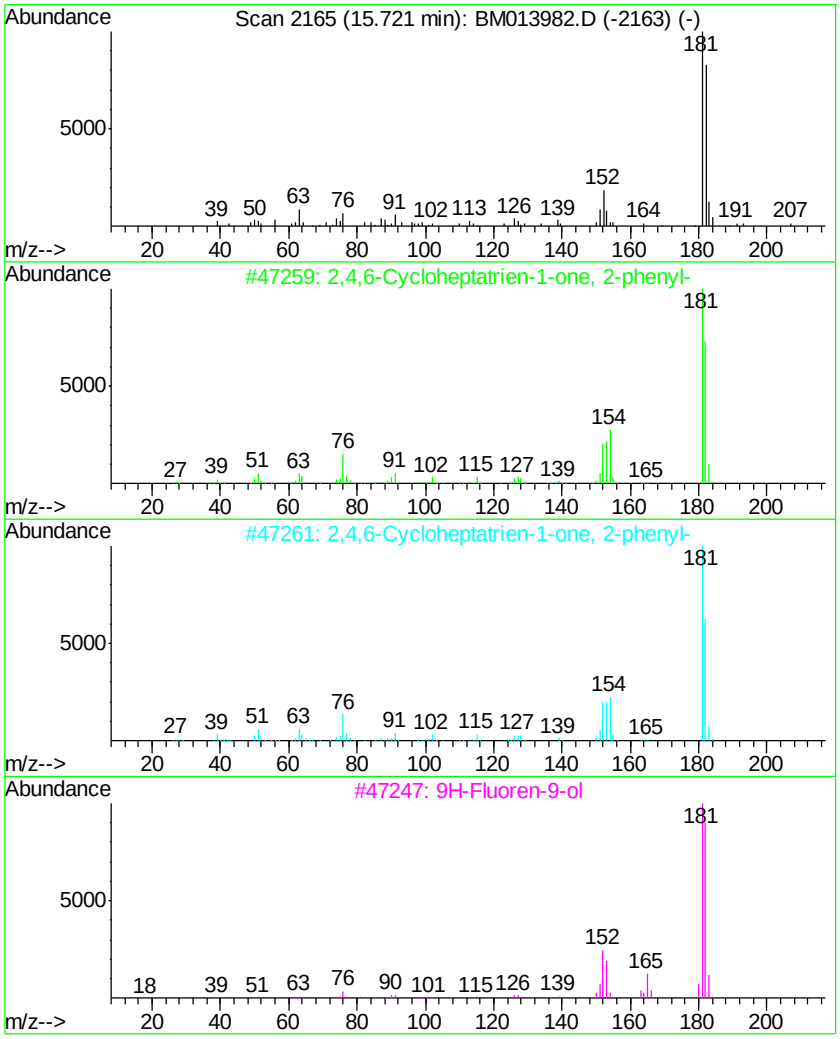
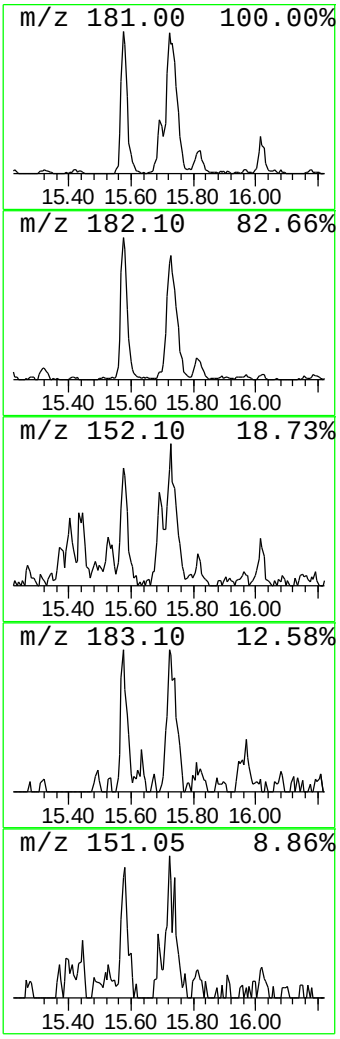
Peak Number 8 2,4,6-Cycloheptatrien-1-one... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	3.94 ng/ul	286723	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72





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Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

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Quant Title : SVOA CALIBRATION

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

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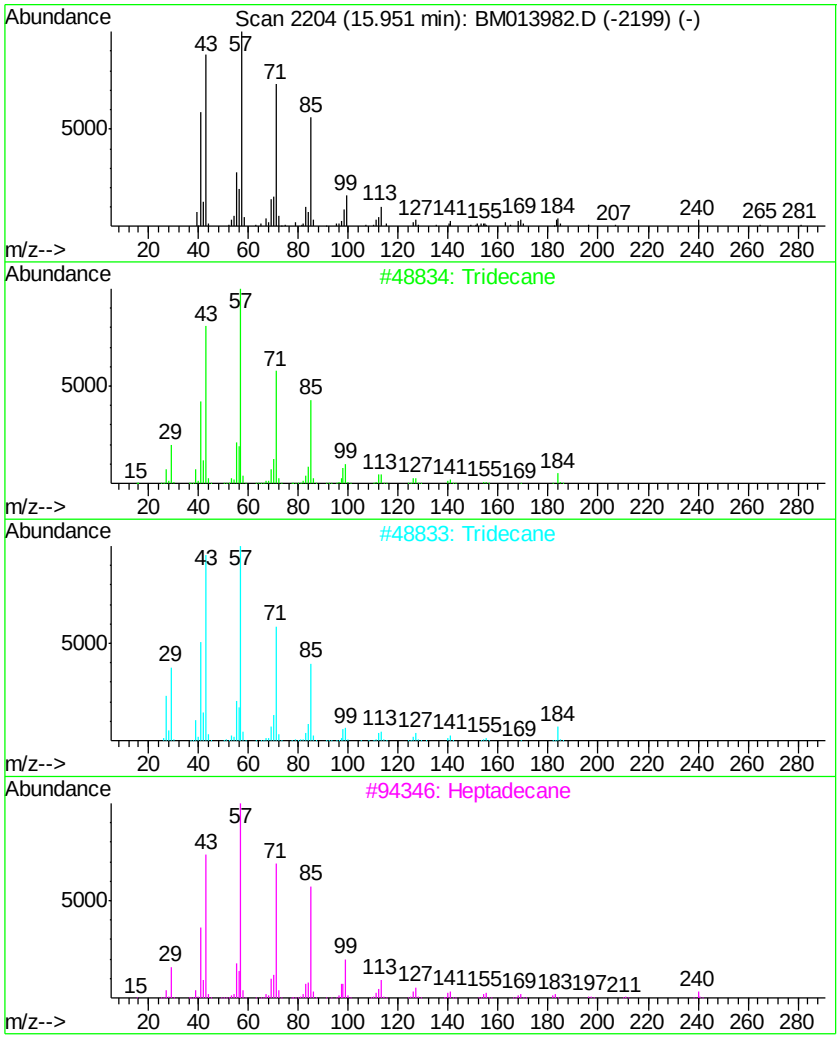
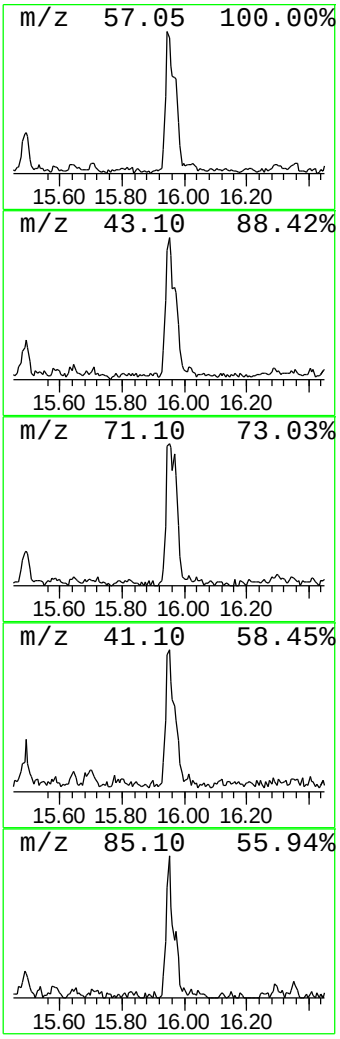
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	3.66 ng/ul	266369	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tridecane	184	C13H28	000629-50-5	93
3	Heptadecane	240	C17H36	000629-78-7	91
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	87
5	10-Methylnonadecane	282	C20H42	056862-62-5	86





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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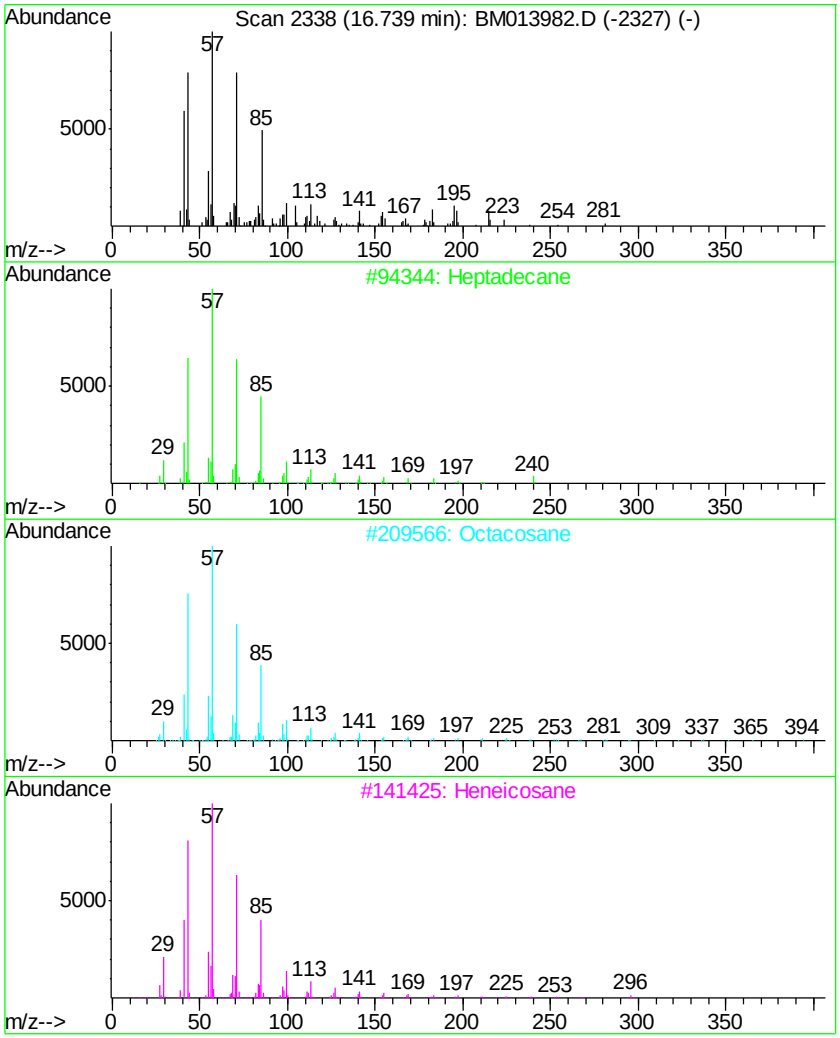
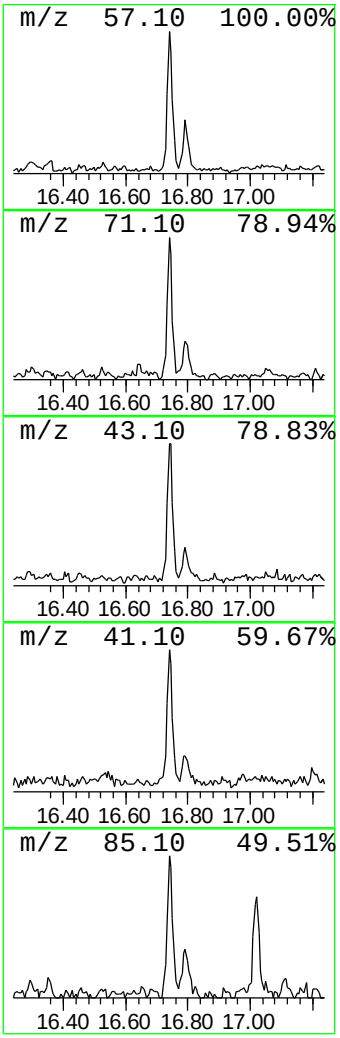
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	5.38 ng/ul	391939	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	74
2	Octacosane	394	C28H58	000630-02-4	74
3	Heneicosane	296	C21H44	000629-94-7	74
4	Docosane	310	C22H46	000629-97-0	74
5	Hexadecane	226	C16H34	000544-76-3	74





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Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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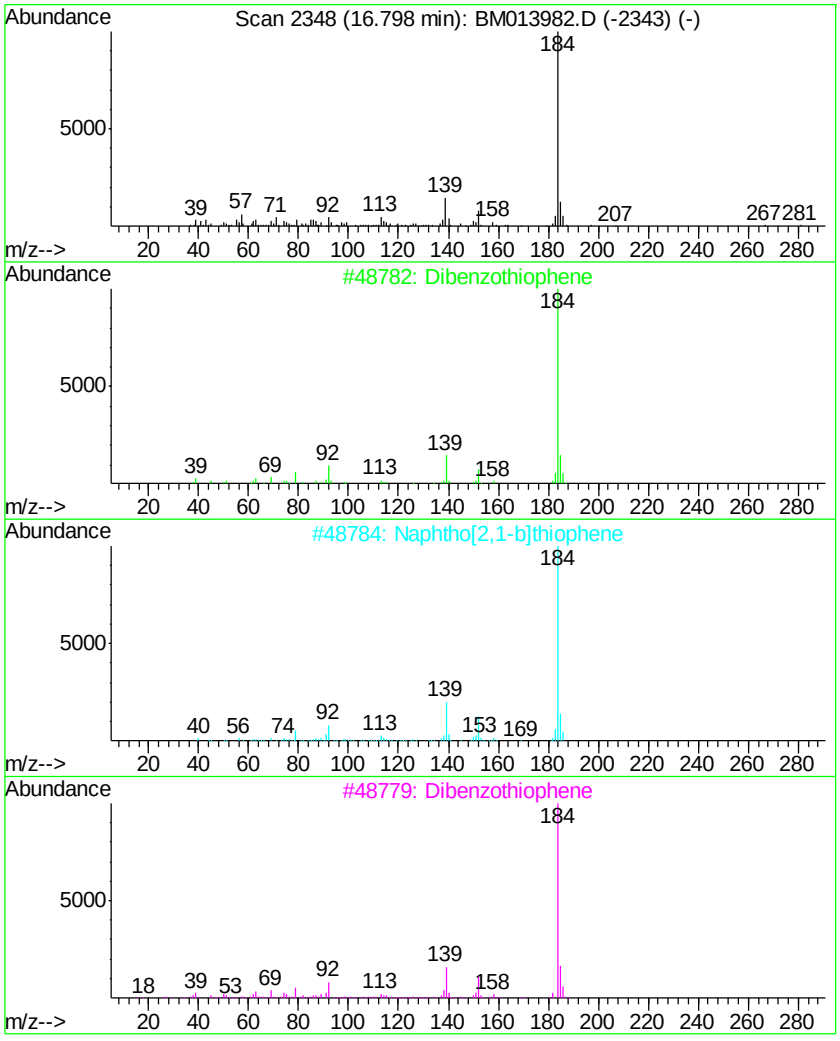
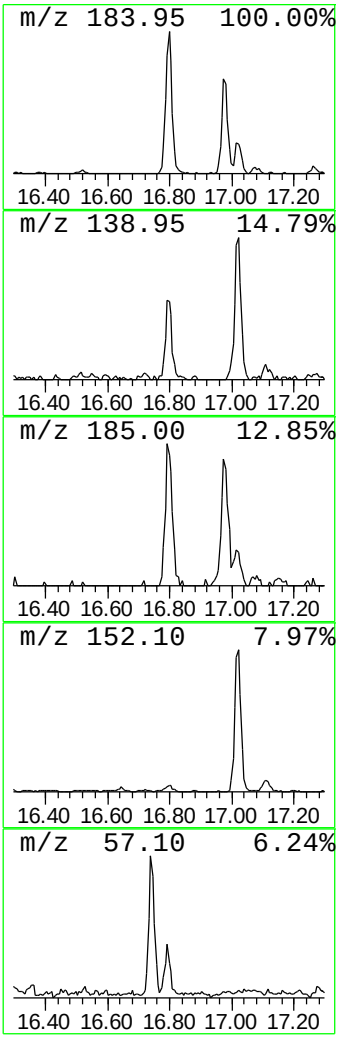
Peak Number 12 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	5.71 ng/ul	415781	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Dibenzothiophene	184	C12H8S	000132-65-0	91
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	87





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Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

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Quant Title : SVOA CALIBRATION

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

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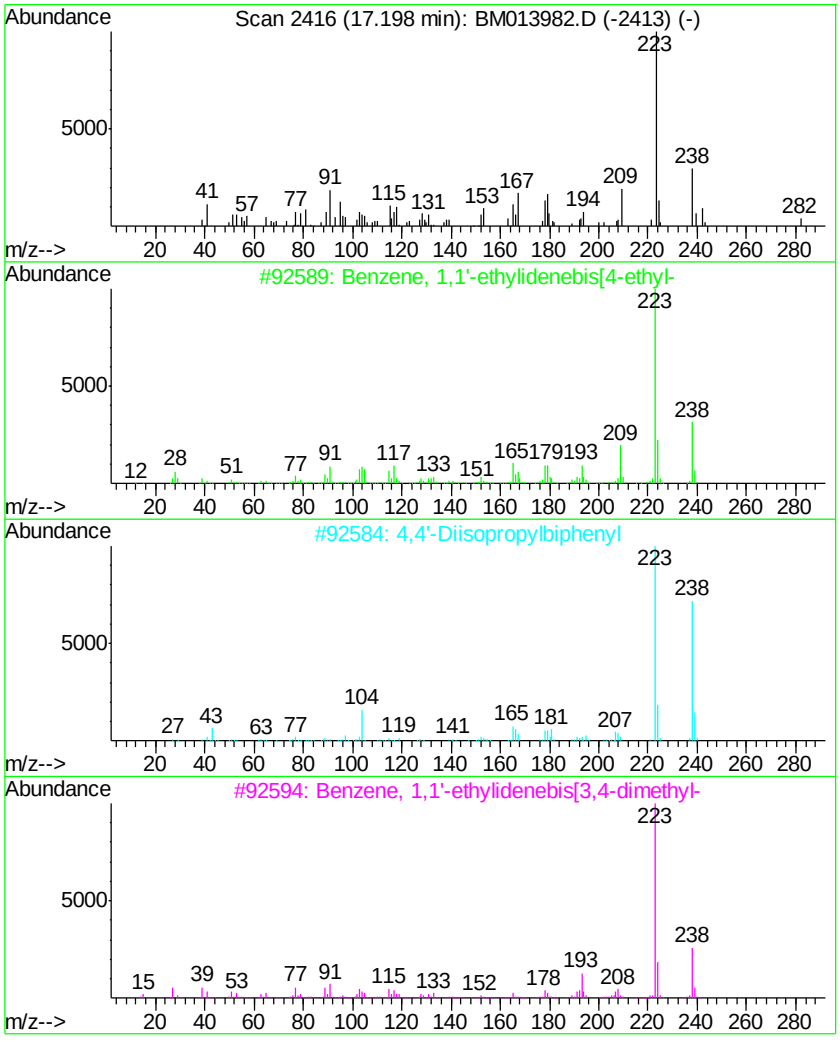
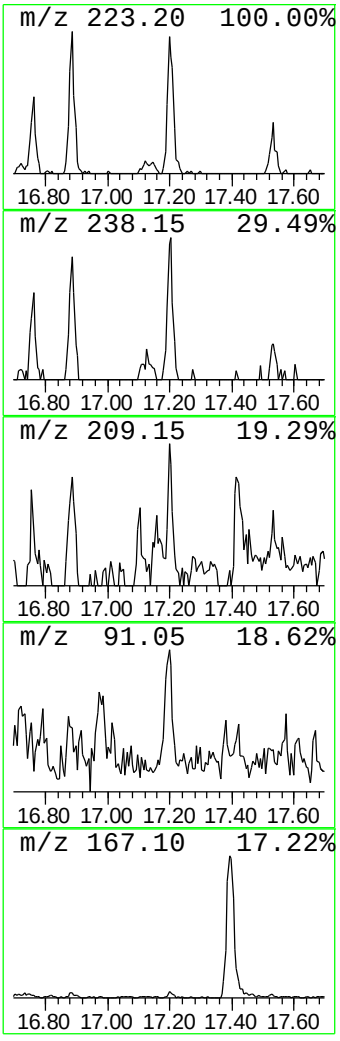
Peak Number 14 Benzene, 1,1'-ethylidenebis... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	2.04 ng/ul	148847	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	83
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	68
3	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	62
4	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	58
5	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	58





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Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

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Quant Title : SVOA CALIBRATION

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

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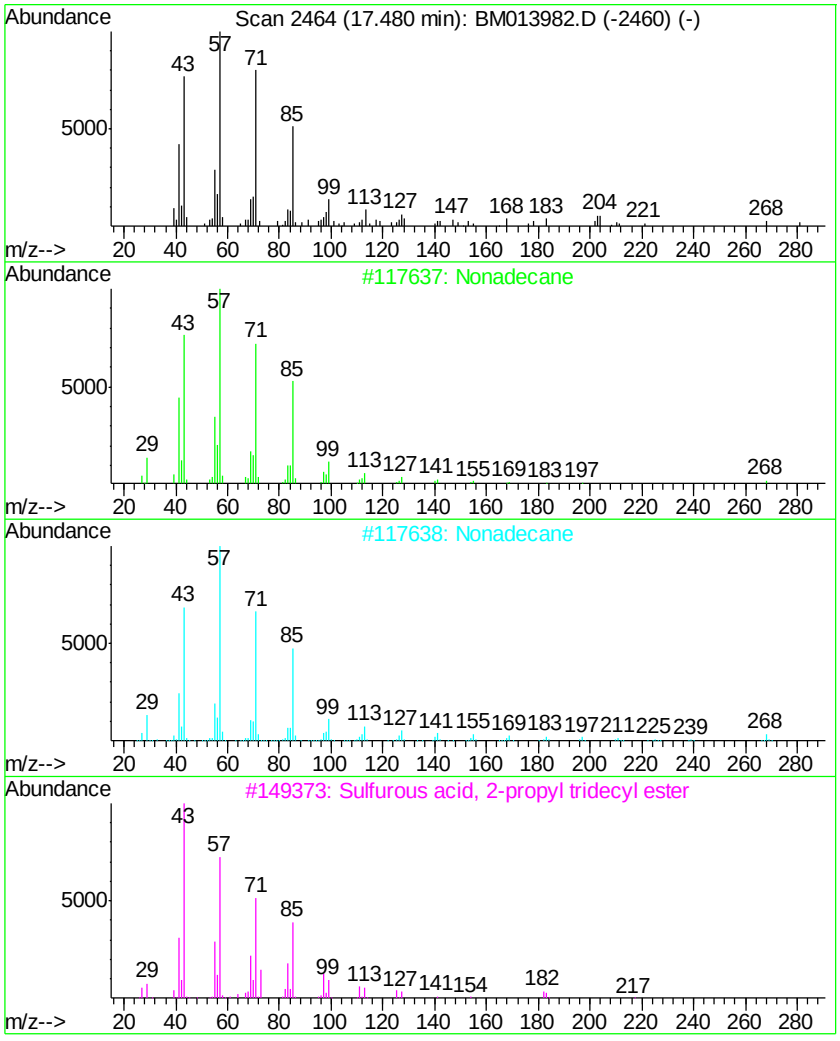
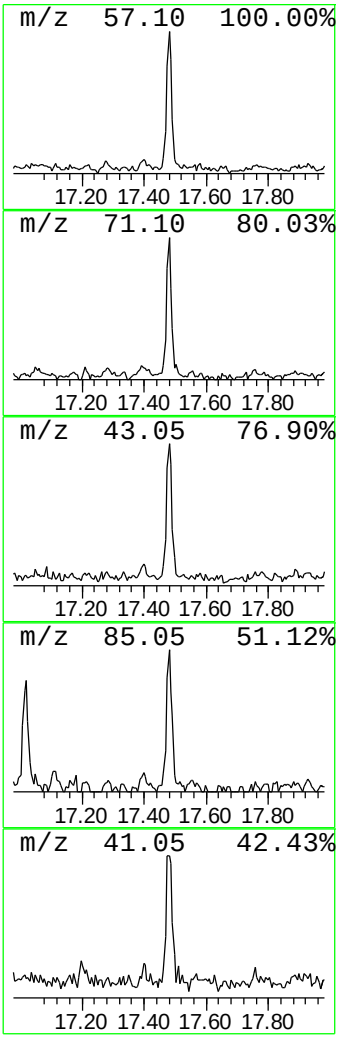
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	3.27 ng/ul	238086	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	98
2	Nonadecane	268	C19H40	000629-92-5	90
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Octadecane	254	C18H38	000593-45-3	86





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Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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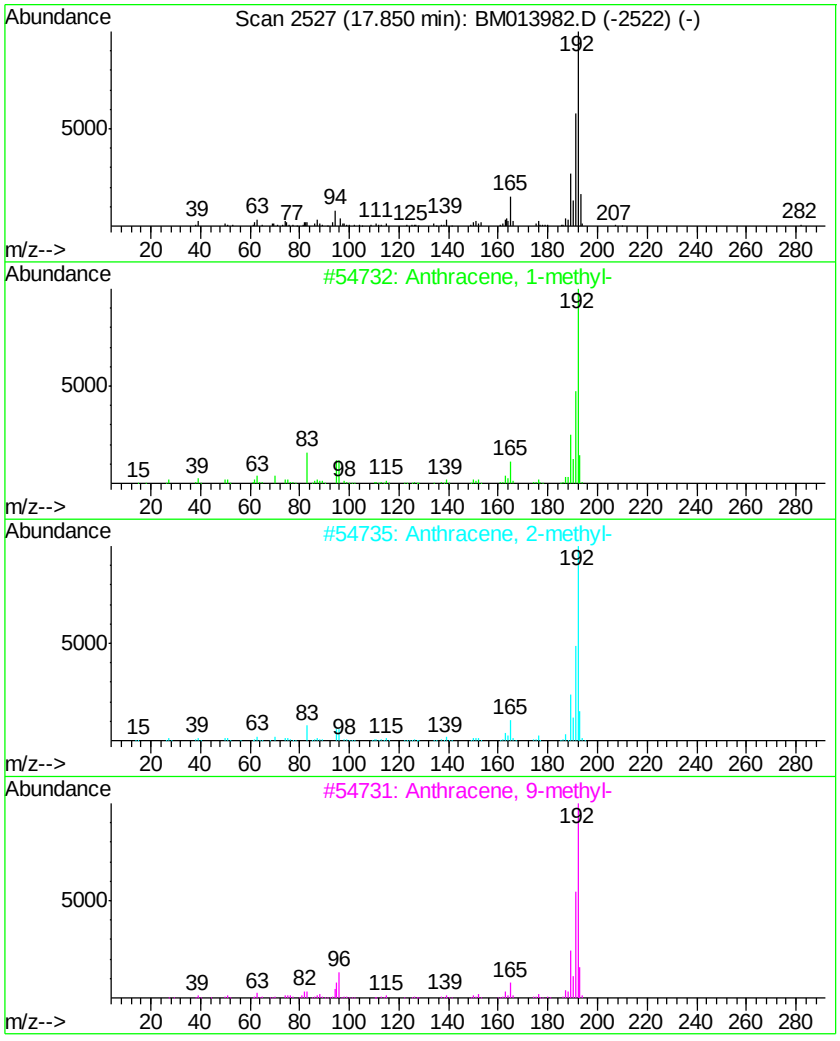
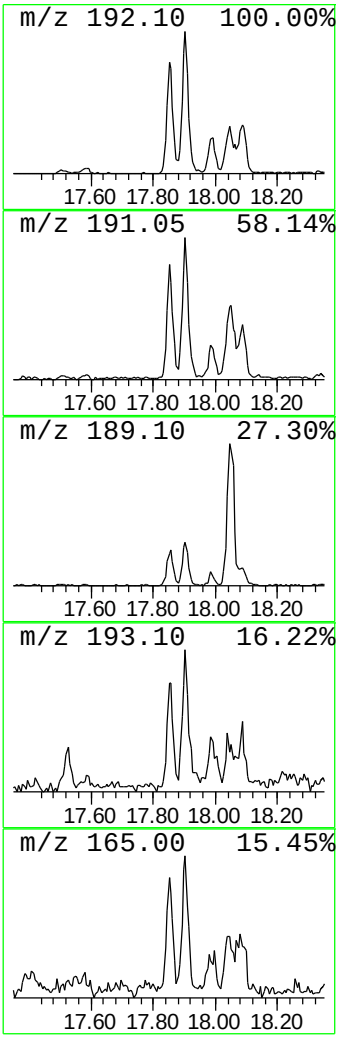
Peak Number 16 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	4.13 ng/ul	301050	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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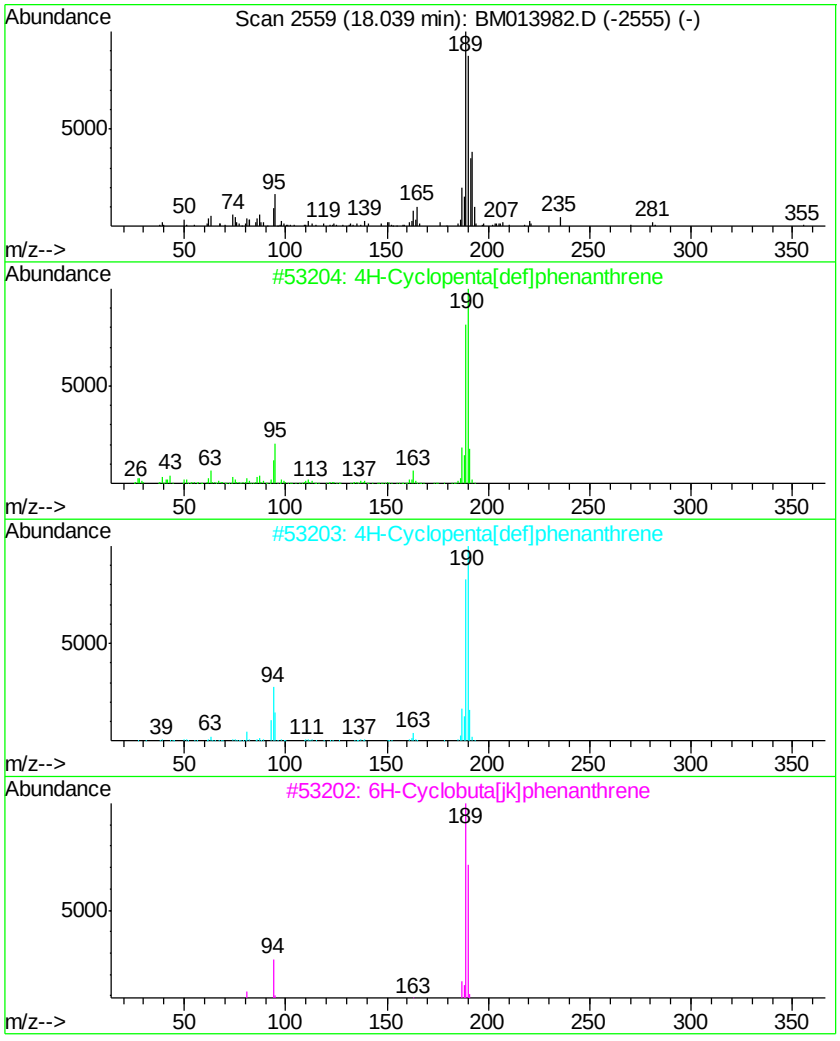
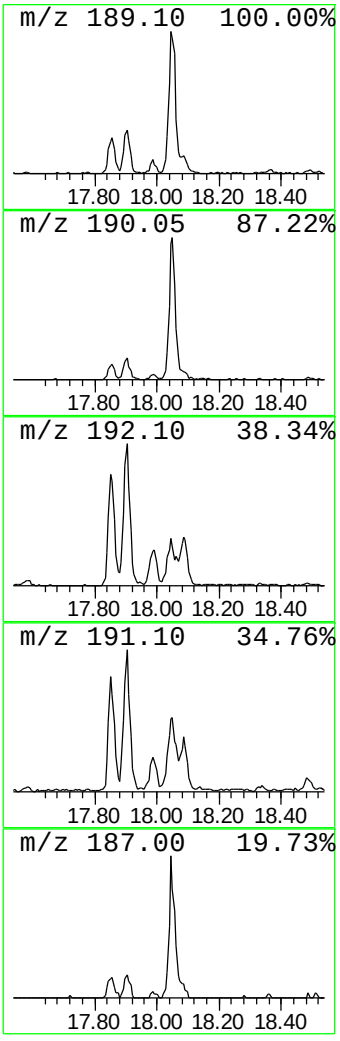
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	7.43 ng/ul	541003	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

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Quant Title : SVOA CALIBRATION

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

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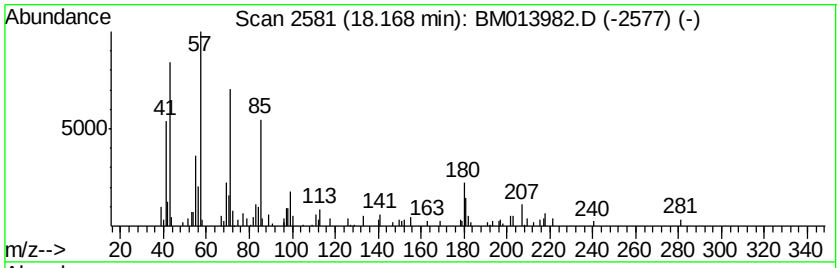
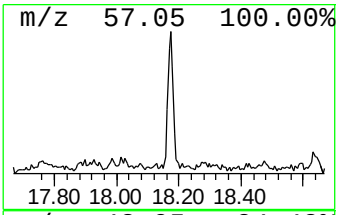
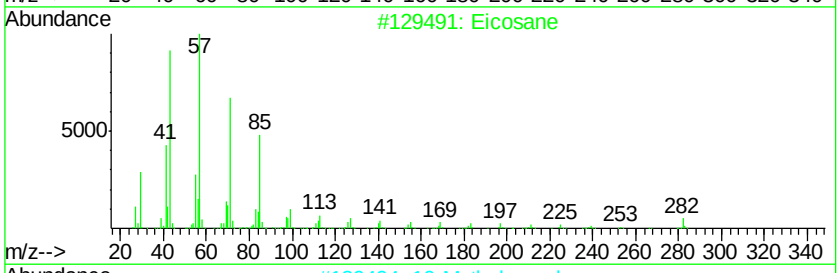
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 19

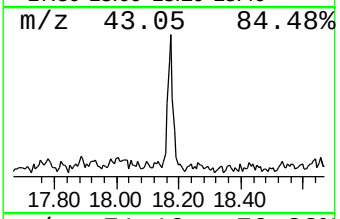
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.13 ng/ul	154919	Phenanthrene-d10	16.97

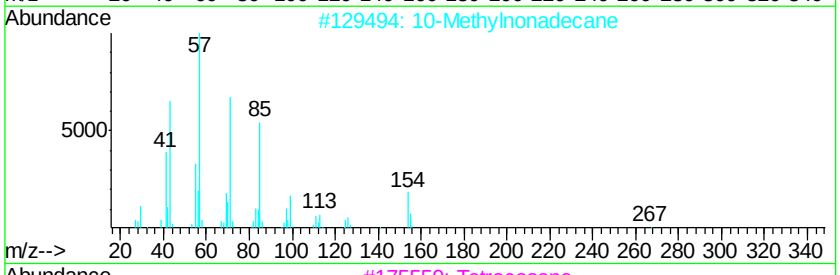
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	10-Methylnonadecane	282	C20H42	056862-62-5	87
3	Tetracosane	338	C24H50	000646-31-1	74
4	Nonadecane	268	C19H40	000629-92-5	74
5	Eicosane	282	C20H42	000112-95-8	64

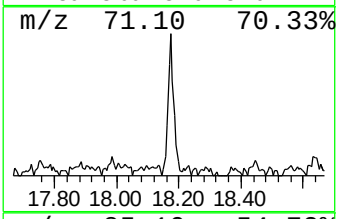


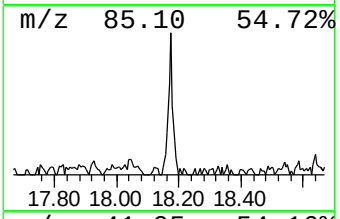


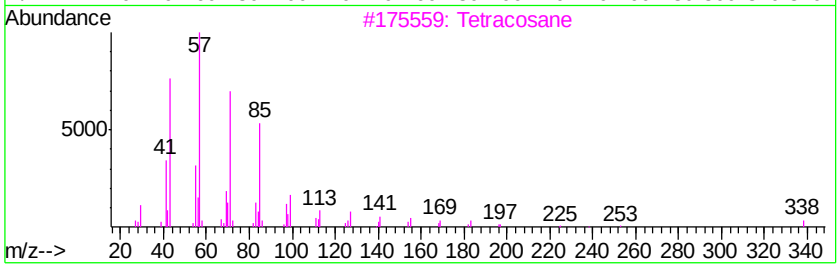


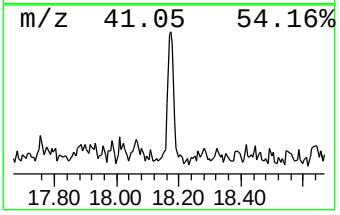












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Quant Title : SVOA CALIBRATION

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

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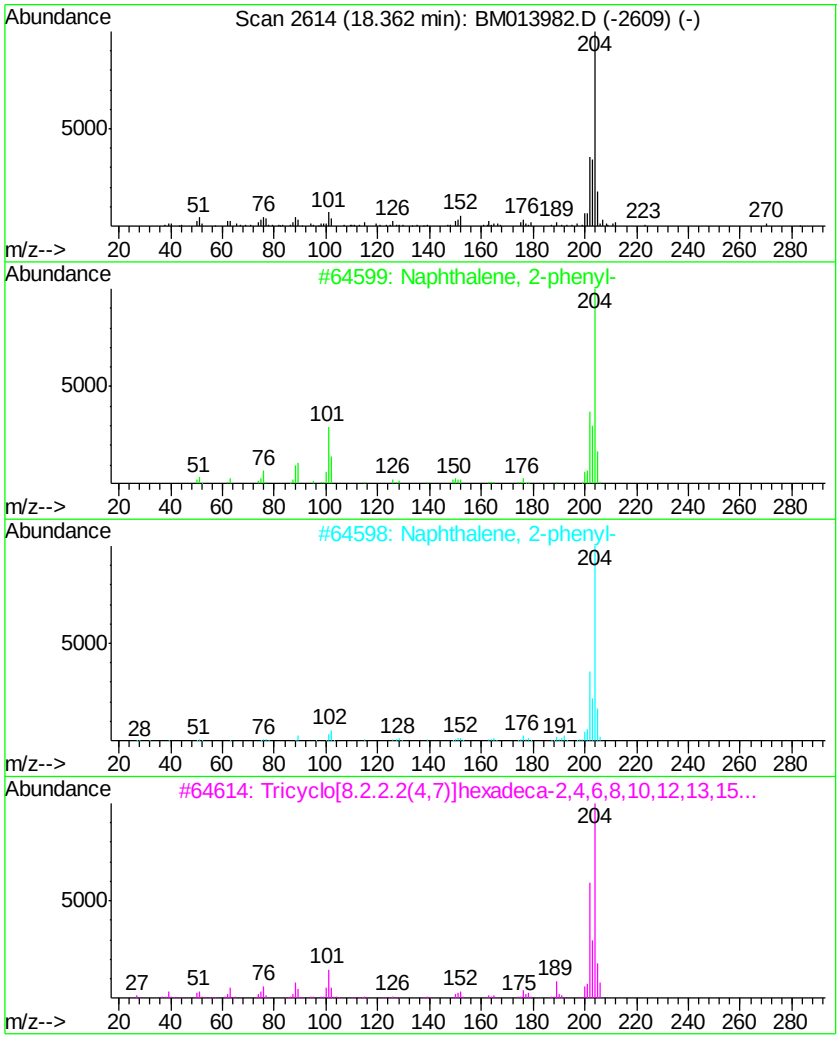
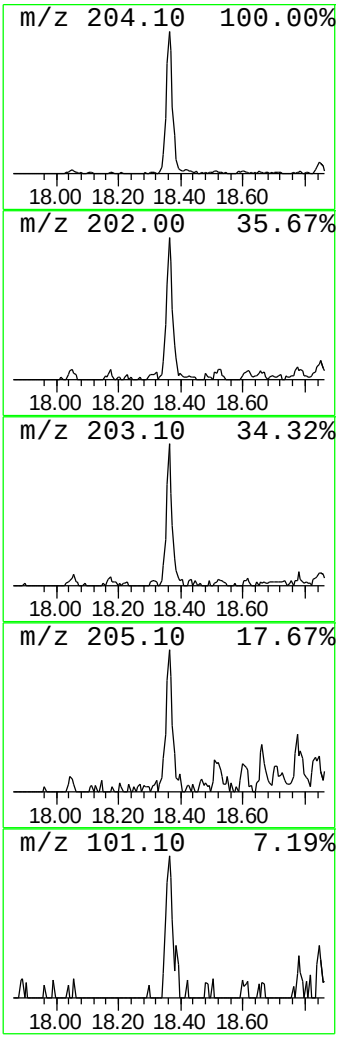
Peak Number 20 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.24 ng/ul	235999	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013982.D
Acq On : 30 Jan 2018 05:41
Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

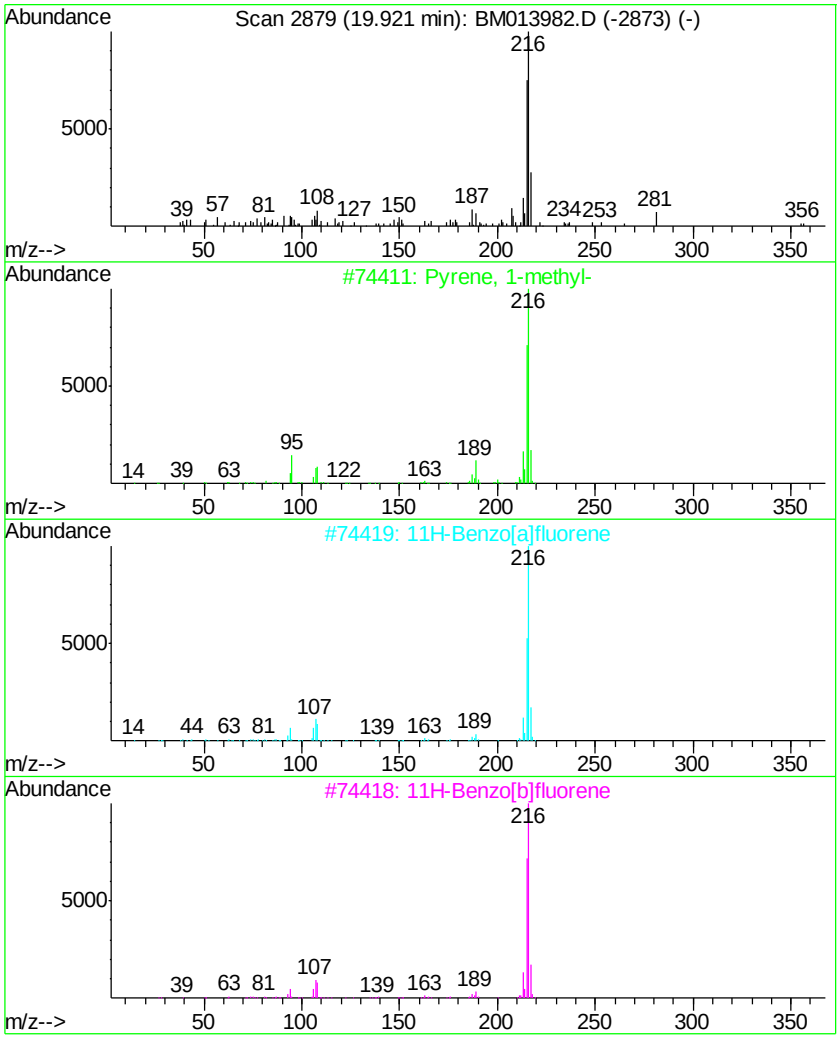
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

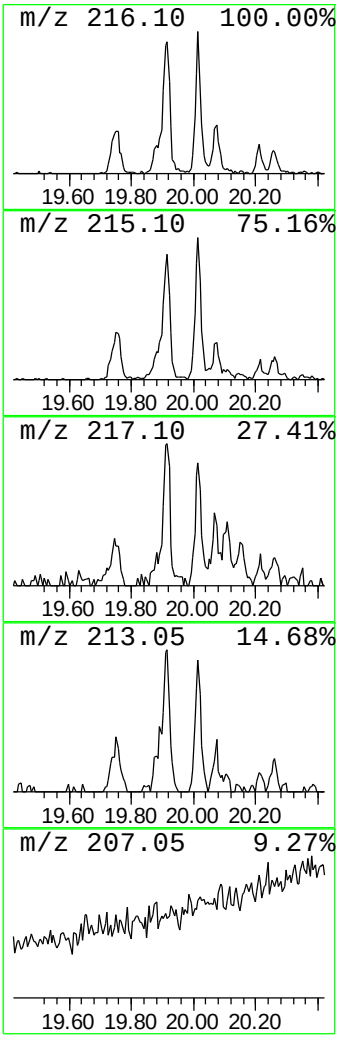
****

Peak Number 21 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.48 ng/ul	289177	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012918\
Data File : BM013982.D
Acq On : 30 Jan 2018 05:41
Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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
Naphthalene, 1-me...	12.23	19.6	ng/ul	823473	2	10.34	842287	20.0
Naphthalene, 2-et...	13.24	2.1	ng/ul	185452	3	14.22	1769740	20.0
Naphthalene, 2,6-...	13.54	3.7	ng/ul	324530	3	14.22	1769740	20.0
(DEL) Alkane: Str...	14.13	2.2	ng/ul	195203	3	14.22	1769740	20.0
(DEL) Alkane: Str...	15.09	2.6	ng/ul	228864	3	14.22	1769740	20.0
Dibenzofuran, 4-m...	15.57	2.9	ng/ul	255562	3	14.22	1769740	20.0
(4-Acetylphenyl)p...	15.69	7.0	ng/ul	513244	4	16.97	1456970	20.0
2,4,6-Cycloheptat...	15.72	3.9	ng/ul	286723	4	16.97	1456970	20.0
(DEL) Alkane: Str...	15.95	3.7	ng/ul	266369	4	16.97	1456970	20.0
(DEL) Alkane: Str...	16.74	5.4	ng/ul	391939	4	16.97	1456970	20.0
Dibenzothiophene	16.80	5.7	ng/ul	415781	4	16.97	1456970	20.0
Benzene, 1,1'-eth...	17.20	2.0	ng/ul	148847	4	16.97	1456970	20.0
(DEL) Alkane: Str...	17.48	3.3	ng/ul	238086	4	16.97	1456970	20.0
Anthracene, 1-met...	17.85	4.1	ng/ul	301050	4	16.97	1456970	20.0
4H-Cyclopenta[def...	18.04	7.4	ng/ul	541003	4	16.97	1456970	20.0
(DEL) Alkane: Str...	18.17	2.1	ng/ul	154919	4	16.97	1456970	20.0
Naphthalene, 2-ph...	18.36	3.2	ng/ul	235999	4	16.97	1456970	20.0
Pyrene, 1-methyl-	19.92	2.5	ng/ul	289177	5	21.18	2336360	20.0