LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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	771	779	792	rBV	289925	525819	11.82%	1.468%
2	9.745	1142	1149	1158	rVB4	26012	52471	1.18%	0.147%
3	9.975	1183	1188	1194	rBV3	31643	50285	1.13%	0.140%
4	10.339	1239	1250	1254	rBV	447134	787426	17.70%	2.199%
5	10.392	1254	1259	1272	rVV	1254972	2201667	49.49%	6.148%
6	10.510	1275	1279	1285	rVV2	32276	58992	1.33%	0.165%
7	11.775	1488	1494	1500	rBV4	42452	73511	1.65%	0.205%
8	12.016	1527	1535	1547	rBV	1008074	1720549	38.68%	4.805%
9	12.233	1562	1572	1582	rBV	456531	822201	18.48%	2.296%
10	13.045	1702	1710	1718	rBV2	279763	500191	11.24%	1.397%
11	13.245	1739	1744	1755	rVB	92362	180547	4.06%	0.504%
12	13.374	1759	1766	1767	rBV2	100065	117614	2.64%	0.328%
13	13.539	1786	1794	1799	rBV2	164012	311499	7.00%	0.870%
14	13.592	1799	1803	1809	rVV	92351	151109	3.40%	0.422%
15	13.698	1816	1821	1826	rVB3	46101	71522	1.61%	0.200%
16	13.774	1830	1834	1838	rVV2	55150	92862	2.09%	0.259%
17	13.916	1853	1858	1860	rBV2	32167	50772	1.14%	0.142%
18	13.945	1860	1863	1870	rVB2	40039	62602	1.41%	0.175%
19	14.127	1889	1894	1900	rBV	130348	173188	3.89%	0.484%
20	14.216	1900	1909	1916	rVV4	709941	1535823	34.52%	4.289%
21	14.286	1916	1921	1931	rVV	829055	1272225	28.60%	3.553%
22	14.374	1931	1936	1940	rVV4	42126	80306	1.81%	0.224%
23	14.433	1940	1946	1955	rVB4	26538	75740	1.70%	0.212%
24	14.533	1957	1963	1967	rBV6	35361	65579	1.47%	0.183%
25	14.592	1967	1973	1974	rVV5	31377	52659	1.18%	0.147%
26	14.621	1974	1978	1989	rVV	717111	1177063	26.46%	3.287%
27	14.704	1989	1992	1997	rVV4	38238	60800	1.37%	0.170%
28	14.851	2009	2017	2022	rBV8	32120	74086	1.67%	0.207%
29	15.010	2038	2044	2050	rBV8	24590	69099	1.55%	0.193%
30	15.086	2053	2057	2061	rVB2	144669	188318	4.23%	0.526%
31	15.221	2075	2080	2083	rVB5	47738	74824	1.68%	0.209%
32	15.280	2084	2090	2096	rBV	591863	890862	20.03%	2.488%
33	15.404	2102	2111	2114	rBV3	48966	103185	2.32%	0.288%
34	15.439	2114	2117	2121	rVV3	91508	129458	2.91%	0.362%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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	15.492	2121	2126	2129	rVV5	54025	95613	2.15%	0.267%
36	15.527	2129	2132	2136	rVV3	53725	81311	1.83%	0.227%
37	15.574	2136	2140	2149	rVB	147781	248140	5.58%	0.693%
38	15.692	2155	2160	2163	rBV2	311503	423119	9.51%	1.182%
39	15.721	2163	2165	2172	rVB	132226	256635	5.77%	0.717%
40	15.816	2178	2181	2188	rVB	31902	54628	1.23%	0.153%
41	15.951	2199	2204	2211	rBV	173078	361791	8.13%	1.010%
42	16.015	2211	2215	2222	rVB	178674	239969	5.39%	0.670%
43	16.286	2256	2261	2266	rVV4	69844	139295	3.13%	0.389%
44	16.333	2266	2269	2275	rVB6	34515	64138	1.44%	0.179%
45	16.515	2292	2300	2302	rBV5	43949	77260	1.74%	0.216%
46	16.557	2304	2307	2310	rVB3	41011	52290	1.18%	0.146%
47	16.639	2317	2321	2329	rVB5	106049	194895	4.38%	0.544%
48	16.739	2329	2338	2344	rBV4	155750	353409	7.94%	0.987%
49	16.798	2344	2348	2356	rVB	216361	329402	7.40%	0.920%
50	16.886	2359	2363	2367	rBV	56928	70567	1.59%	0.197%
51	16.974	2372	2378	2381	rBV	906240	1291183	29.02%	3.606%
52	17.021	2381	2386	2392	rVV	3156917	4448710	100.00%	12.423%
53	17.080	2392	2396	2397	rVV	68463	94024	2.11%	0.263%
54	17.110	2397	2401	2408	rVV	315911	525851	11.82%	1.468%
55	17.198	2411	2416	2423	rVB3	86696	147504	3.32%	0.412%
56	17.398	2444	2450	2460	rBV4	74423	198475	4.46%	0.554%
57	17.480	2460	2464	2474	rVV4	99764	205671	4.62%	0.574%
58	17.851	2522	2527	2532	rBV	195595	292875	6.58%	0.818%
59	17.904	2532	2536	2543	rVB	233547	361340	8.12%	1.009%
60	17.992	2546	2551	2555	rBV2	57910	92228	2.07%	0.258%
61	18.051	2555	2561	2565	rBV2	287267	481137	10.82%	1.344%
62	18.174	2578	2582	2587	rVB	104028	121606	2.73%	0.340%
63	18.362	2609	2614	2621	rBV	144585	231831	5.21%	0.647%
64	18.615	2648	2657	2661	rBV9	32761	70265	1.58%	0.196%
65	18.662	2661	2665	2670	rBV7	30319	62558	1.41%	0.175%
66	18.780	2680	2685	2688	rBV2	50125	83418	1.88%	0.233%
67	18.815	2688	2691	2694	rVV2	66250	73200	1.65%	0.204%
68	18.933	2706	2711	2716	rBV9	24942	52244	1.17%	0.146%
69	19.045	2724	2730	2739	rBV	1957864	2612124	58.72%	7.295%
70	19.292	2768	2772	2775	rBV	39266	53574	1.20%	0.150%
71	19.409	2783	2792	2801	rBV	1220900	2198222	49.41%	6.139%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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	19.486	2802	2805	2812	rVB4	58338	95949	2.16%	0.268%
73	19.598	2820	2824	2832	rBV	61631	93632	2.10%	0.261%
74	19.739	2844	2848	2856	rVB4	59508	150616	3.39%	0.421%
75	19.874	2868	2871	2874	rBV5	35751	55636	1.25%	0.155%
76	19.915	2874	2878	2889	rVB2	139696	250904	5.64%	0.701%
77	20.015	2891	2895	2900	rVV	123789	175166	3.94%	0.489%
78	20.068	2900	2904	2909	rVV4	62562	119057	2.68%	0.332%
79	20.433	2964	2966	2971	rVB6	41563	45816	1.03%	0.128%
80	20.862	3037	3039	3043	rVV2	45579	62962	1.42%	0.176%
81	20.903	3043	3046	3053	rVB3	49996	82600	1.86%	0.231%
82	21.180	3086	3093	3097	rBV2	1417798	2192174	49.28%	6.122%
83	21.215	3097	3099	3107	rVB	213907	292276	6.57%	0.816%
84	21.333	3116	3119	3123	rVB4	65192	83691	1.88%	0.234%
85	23.362	3458	3464	3471	rVB	843356	1513546	34.02%	4.227%

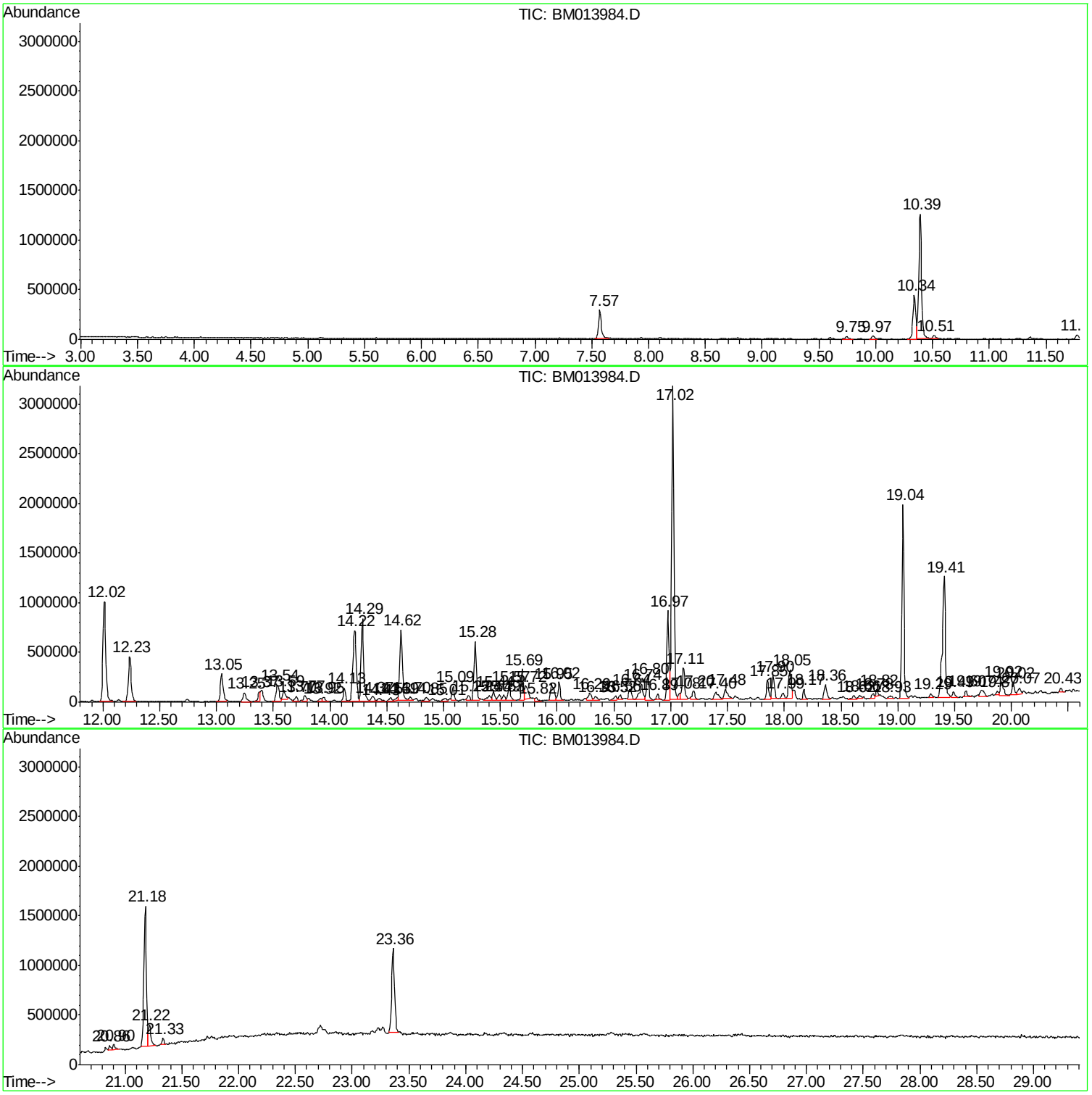
Sum of corrected areas: 35809381

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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 : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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

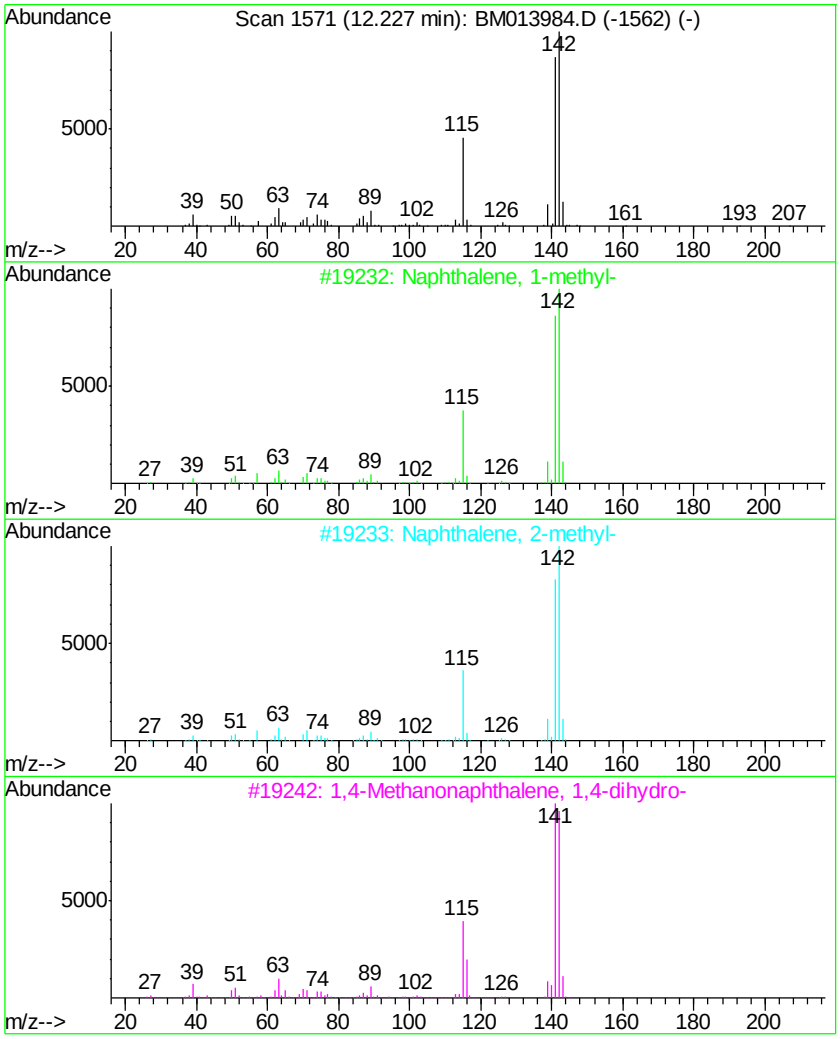
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

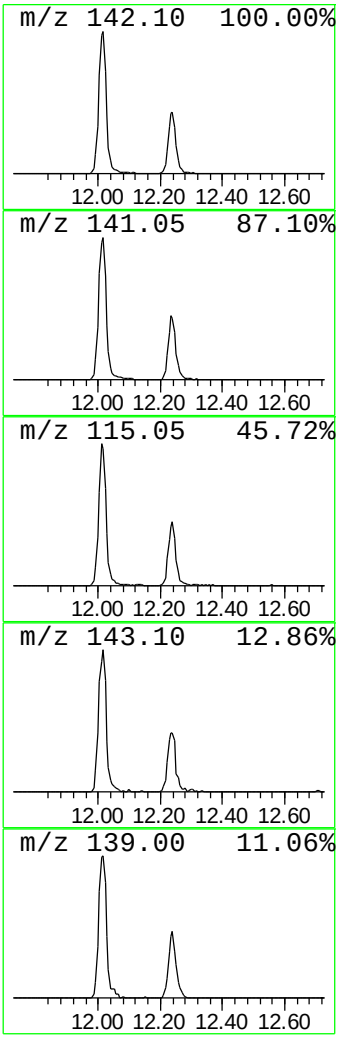
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	20.88 ng/ul	822201	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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

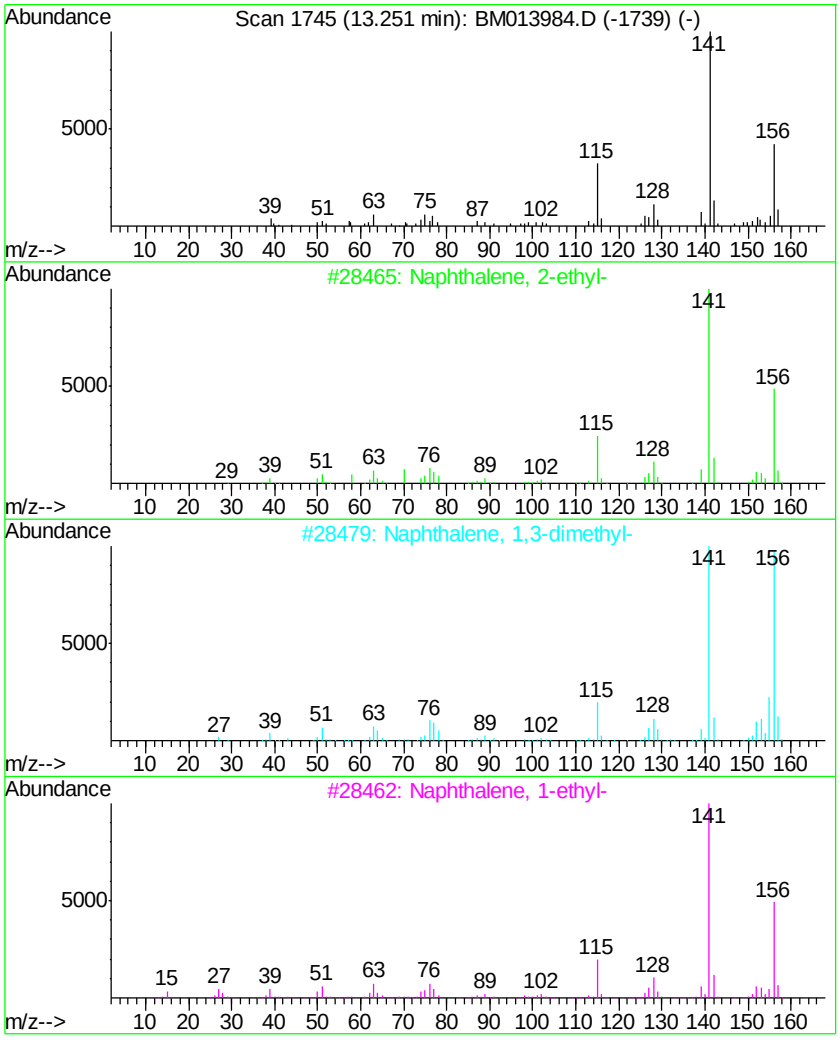
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

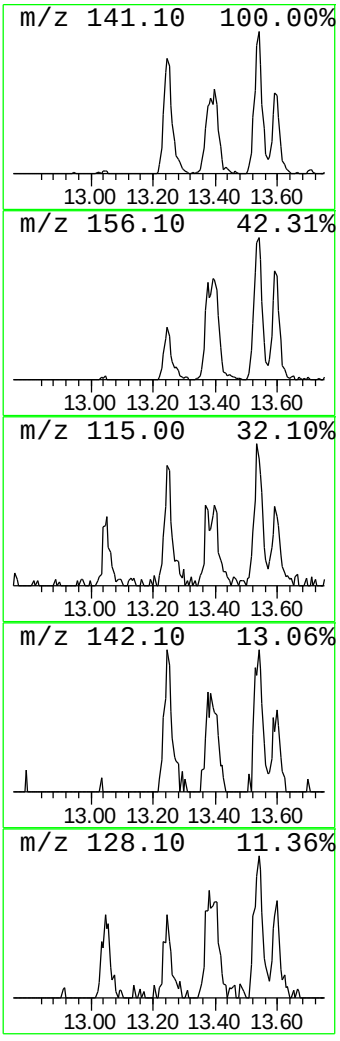
****

Peak Number 2 Naphthalene, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.35 ng/ul	180547	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, 1,3-dimethyl-	156	C12H12	000575-41-7	91
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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

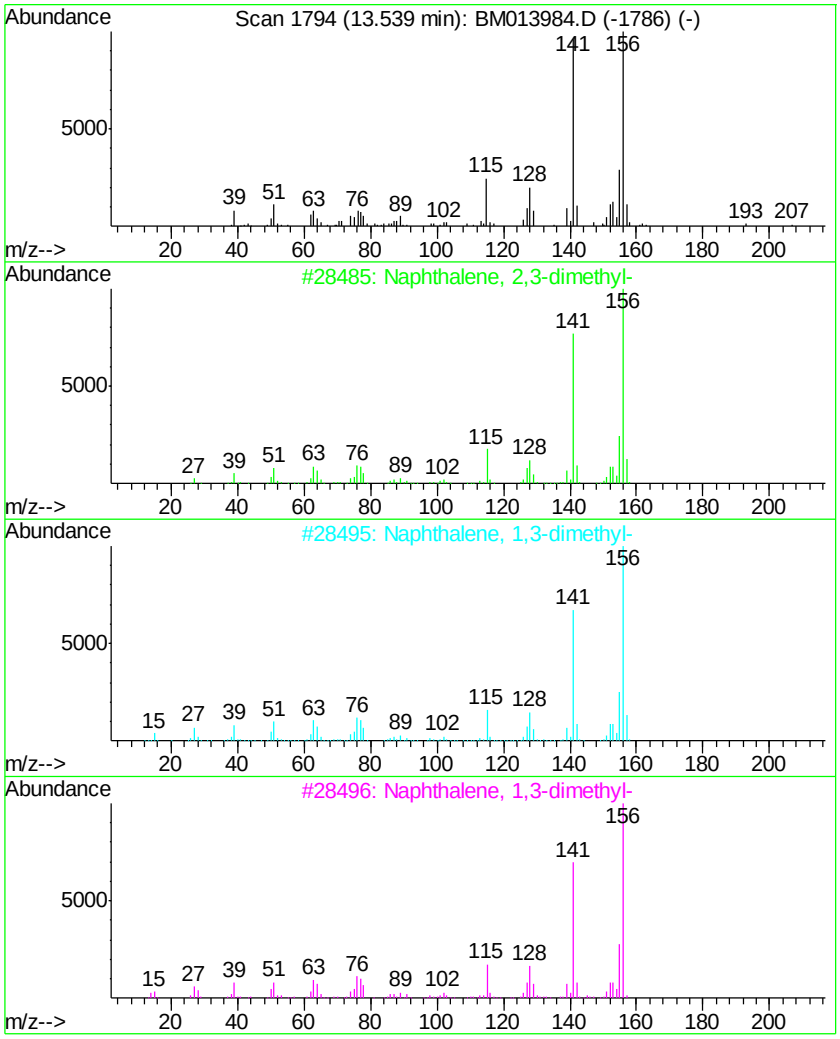
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

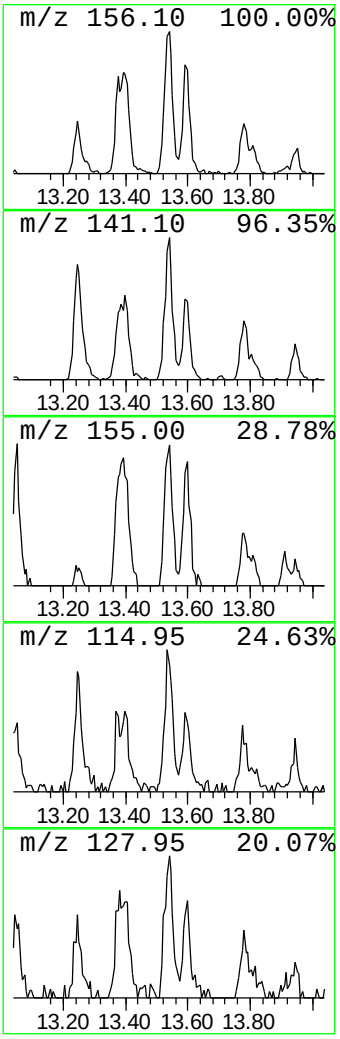
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	4.06 ng/ul	311499	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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

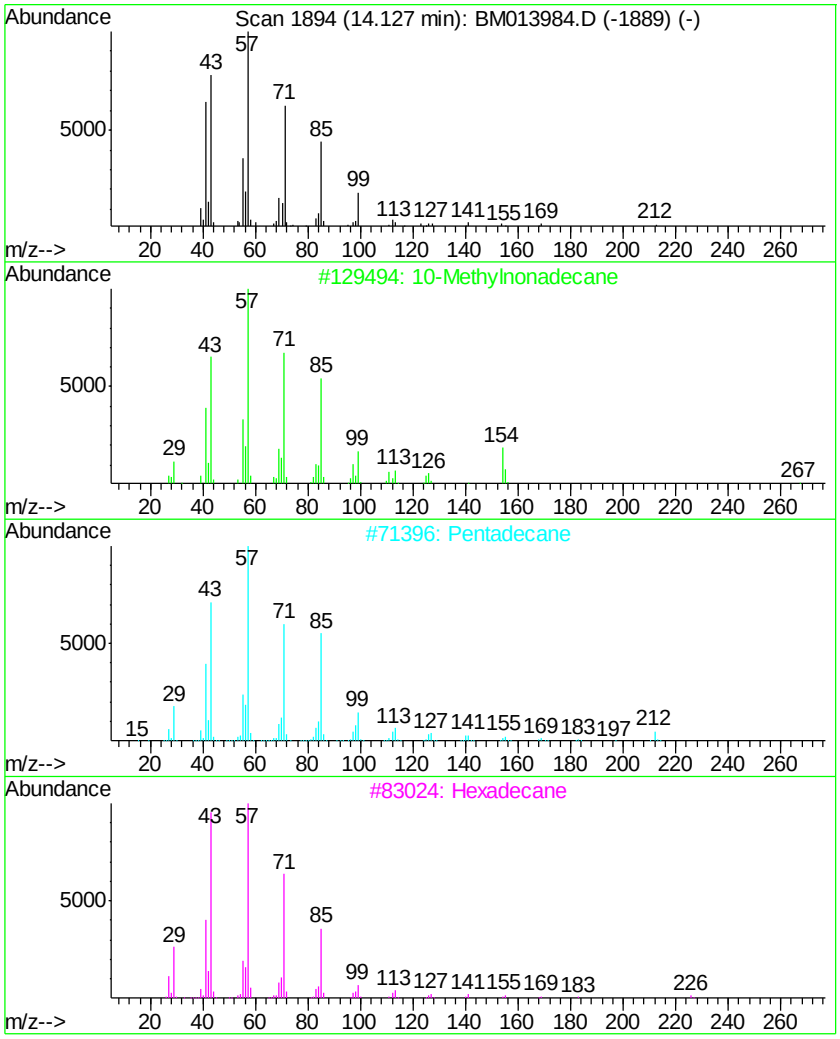
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

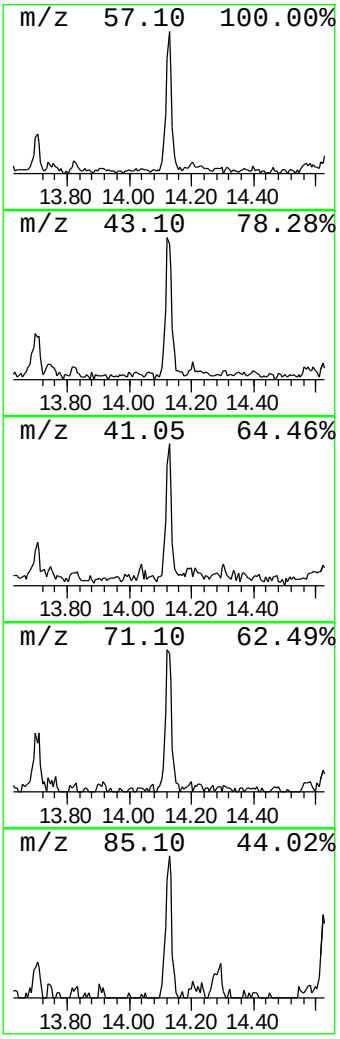
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.26 ng/ul	173188	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	90
2	Pentadecane	212	C15H32	000629-62-9	87
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tridecane	184	C13H28	000629-50-5	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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

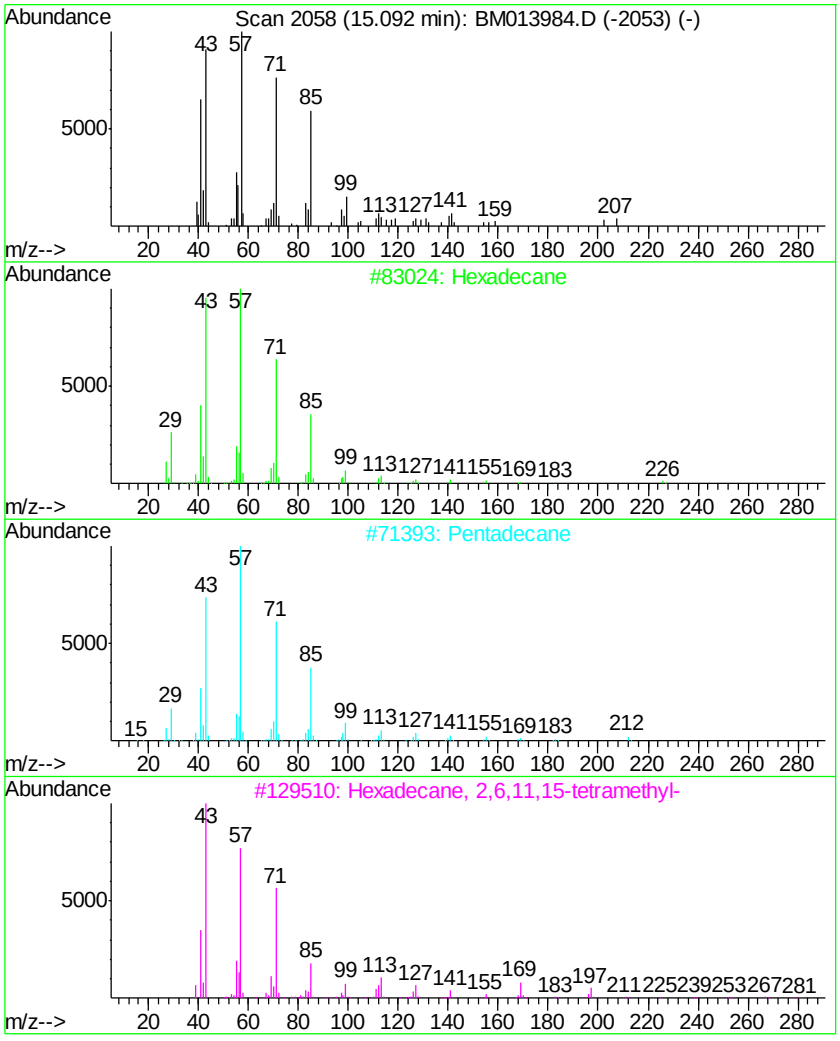
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

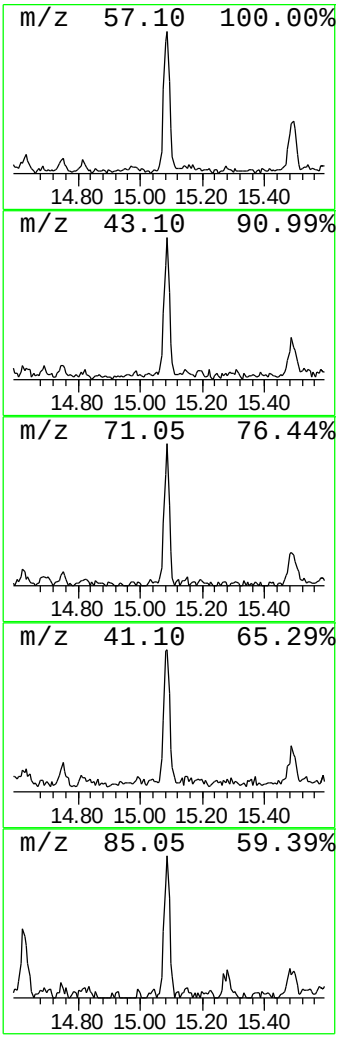
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.45 ng/ul	188318	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	72
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	59
4	Hexadecane	226	C16H34	000544-76-3	58
5	Hexadecane	226	C16H34	000544-76-3	55





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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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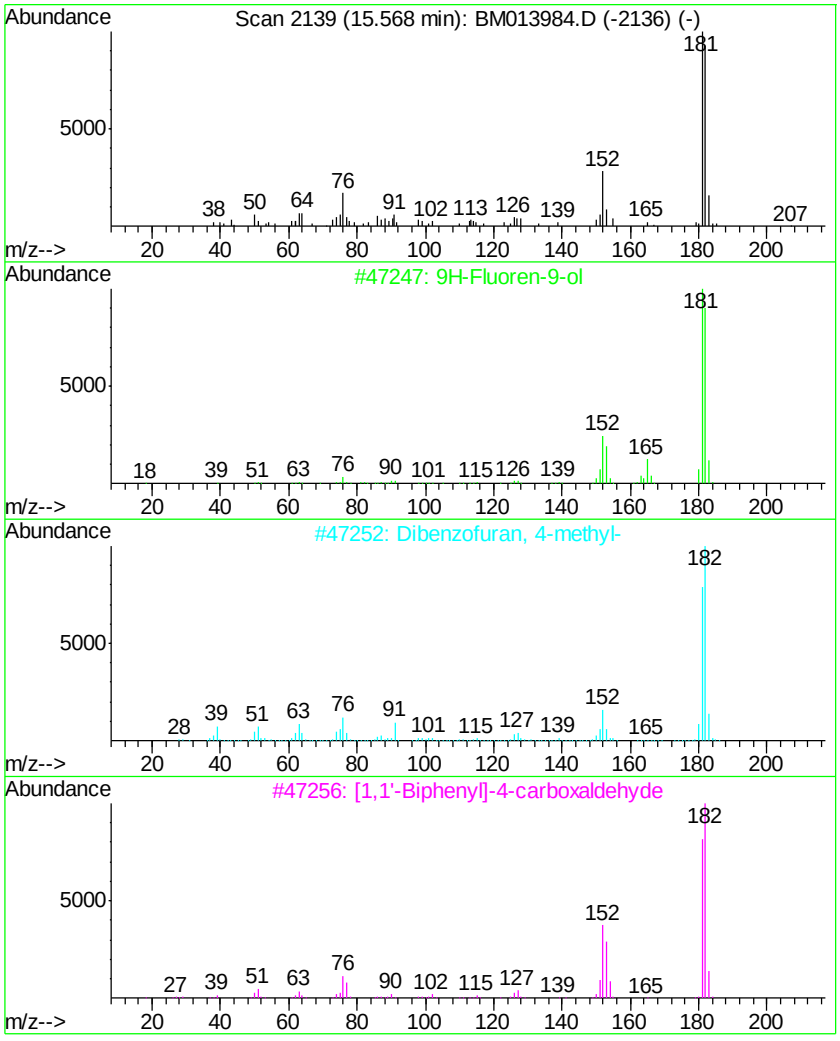
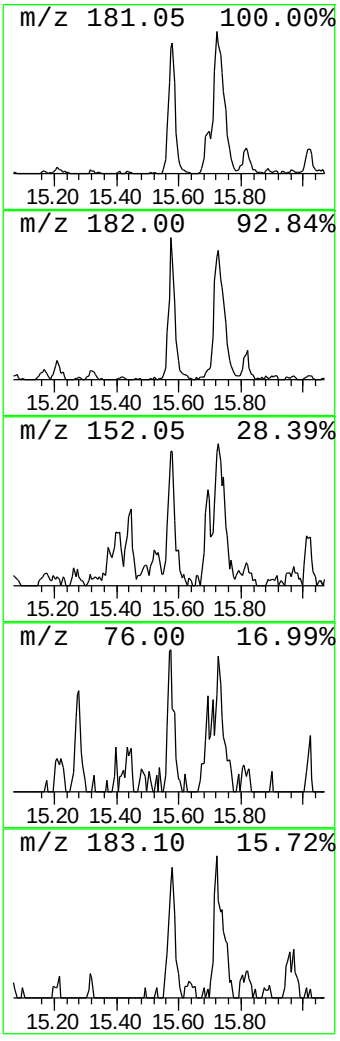
Peak Number 6 9H-Fluoren-9-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	3.23 ng/ul	248140	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
4	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	59
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	53





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Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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

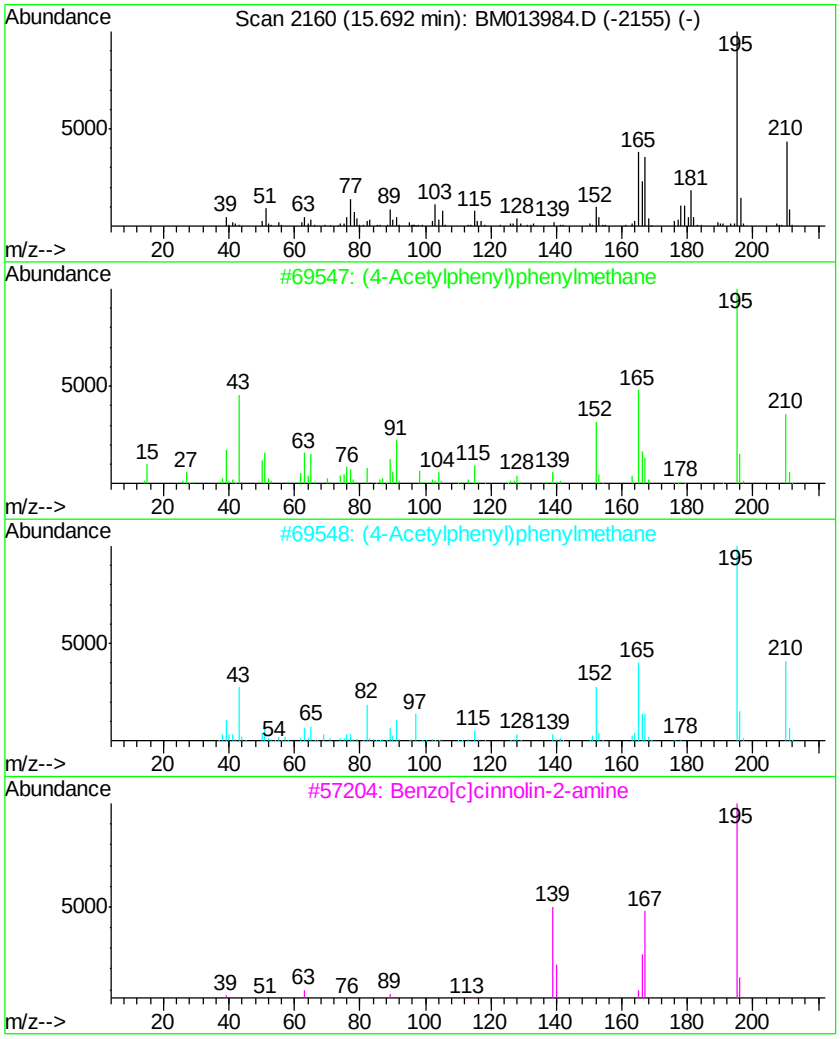
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

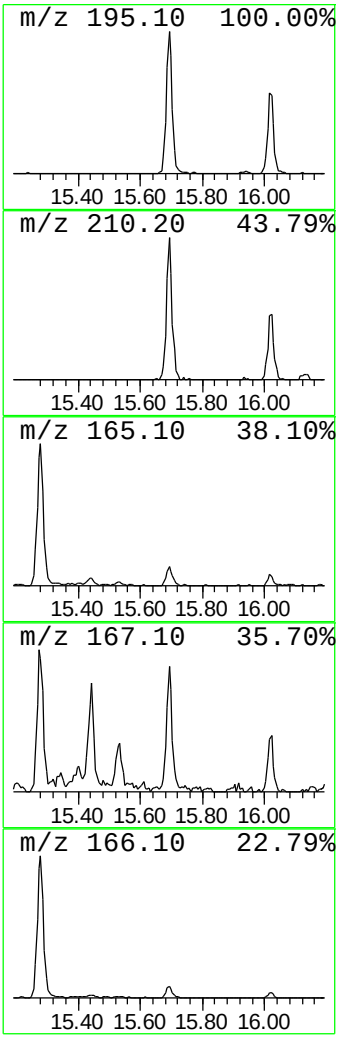
****

Peak Number 7 (4-Acetylphenyl)phenylmethane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	6.55 ng/ul	423119	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	76
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	68
3	Benzo[c]cinnolin-2-amine	195	C12H9N3	004827-07-0	50
4	2',3',4',5',6'-Pentafluoroacetop...	210	C8H3F5O	000652-29-9	47
5	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	47





Library Search Compound Report

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Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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

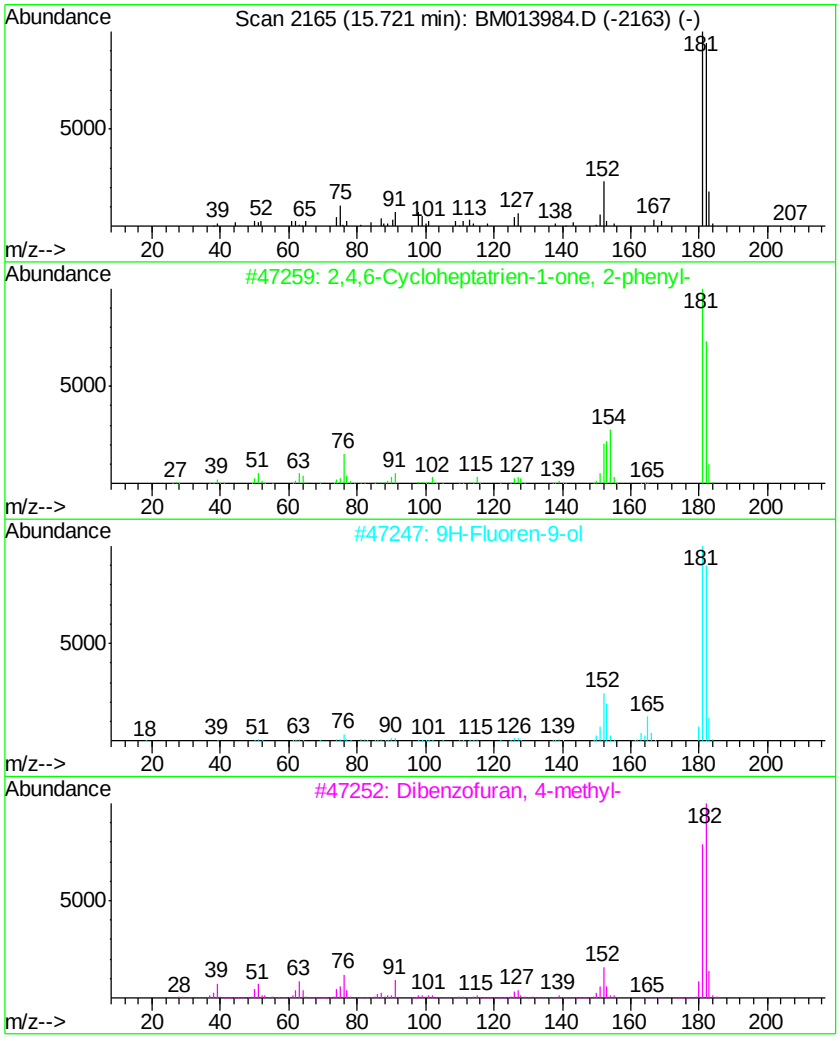
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

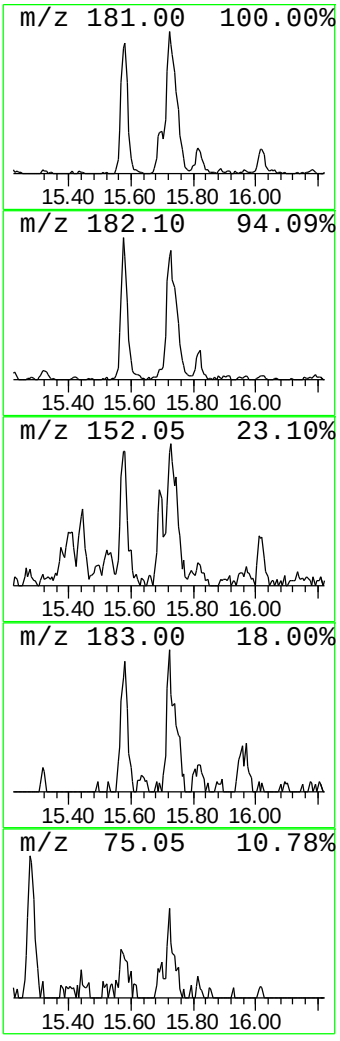
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	3.98 ng/ul	256635	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	83
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	78
4	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64





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Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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

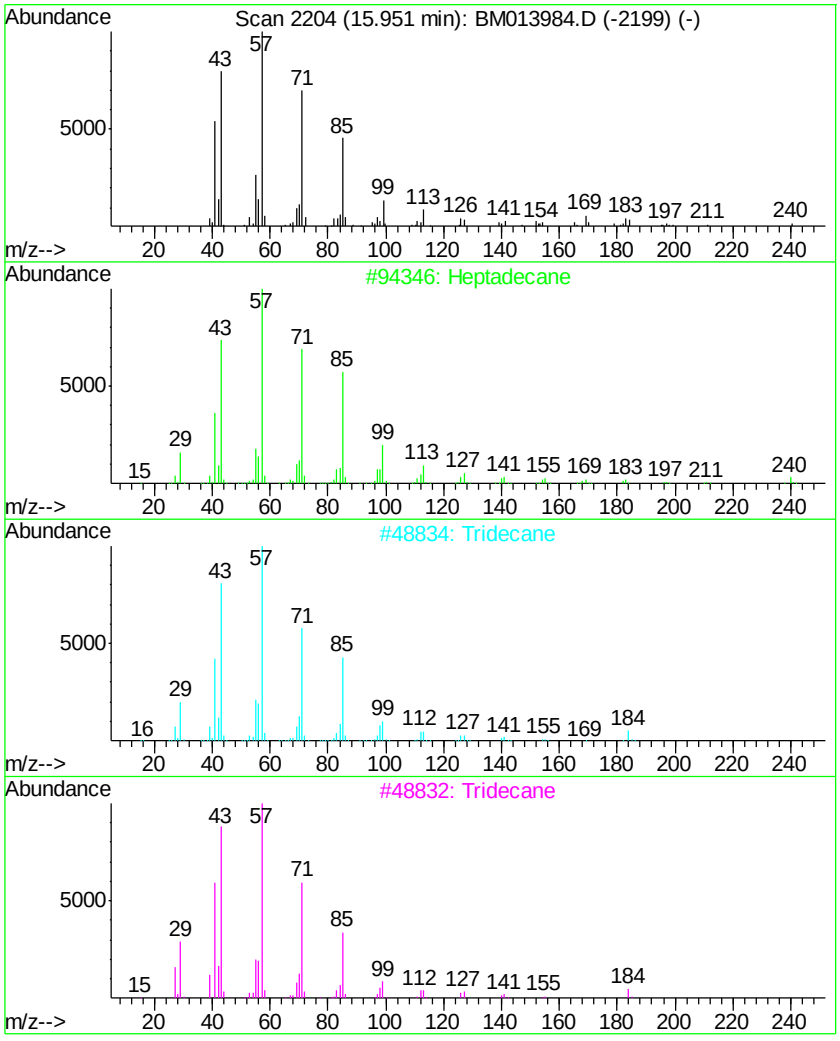
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

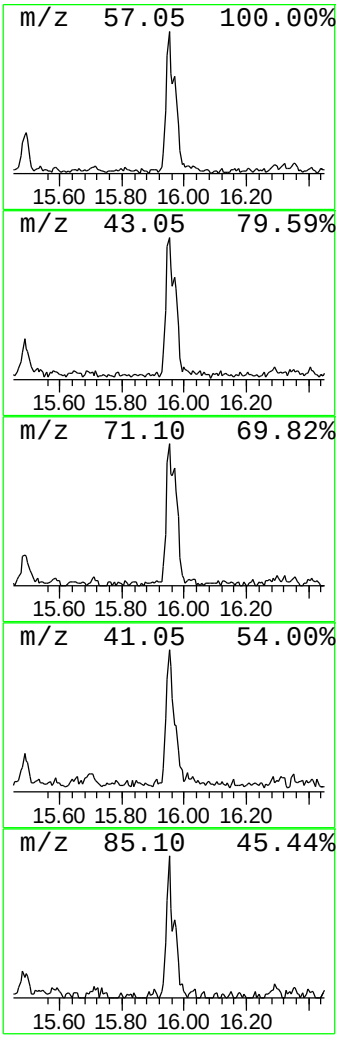
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	5.60 ng/ul	361791	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tridecane	184	C13H28	000629-50-5	87
3	Tridecane	184	C13H28	000629-50-5	87
4	Tridecane	184	C13H28	000629-50-5	87
5	Hexadecane	226	C16H34	000544-76-3	83





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Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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

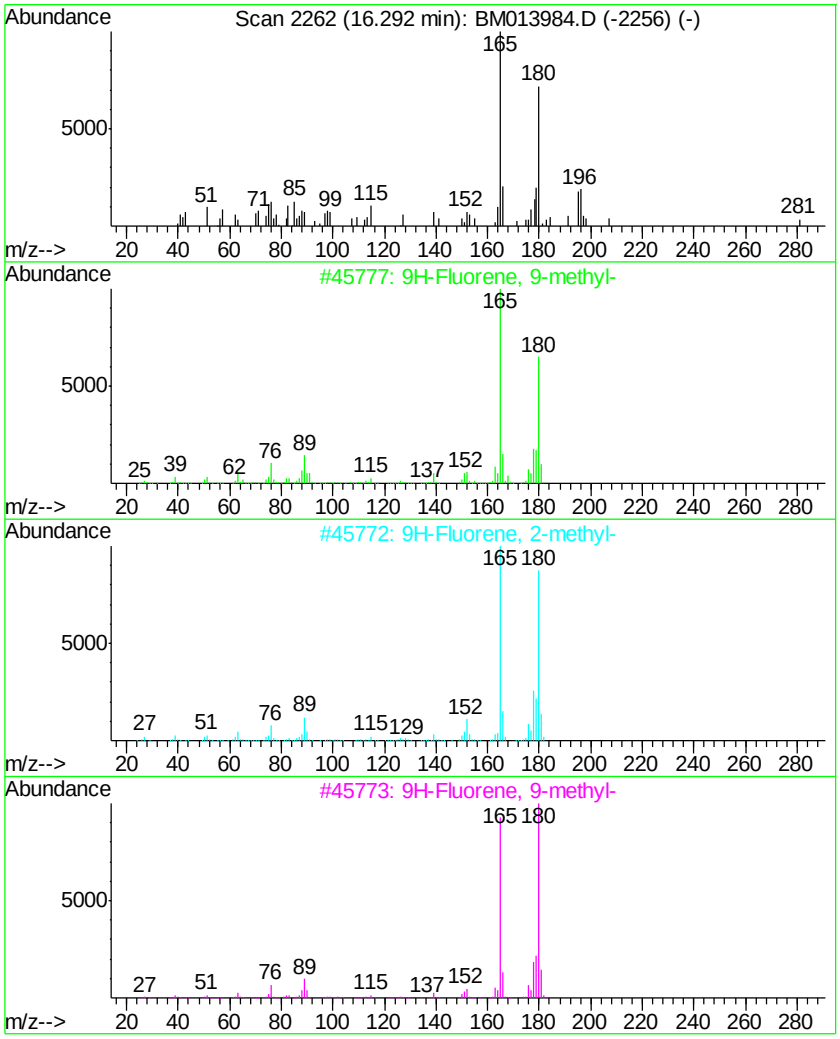
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

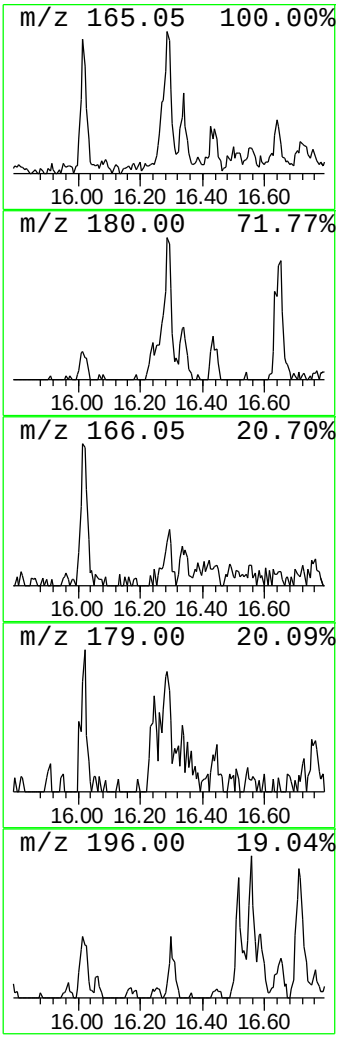
****

Peak Number 11 9H-Fluorene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.16 ng/ul	139295	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	81
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	74





Library Search Compound Report

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Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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

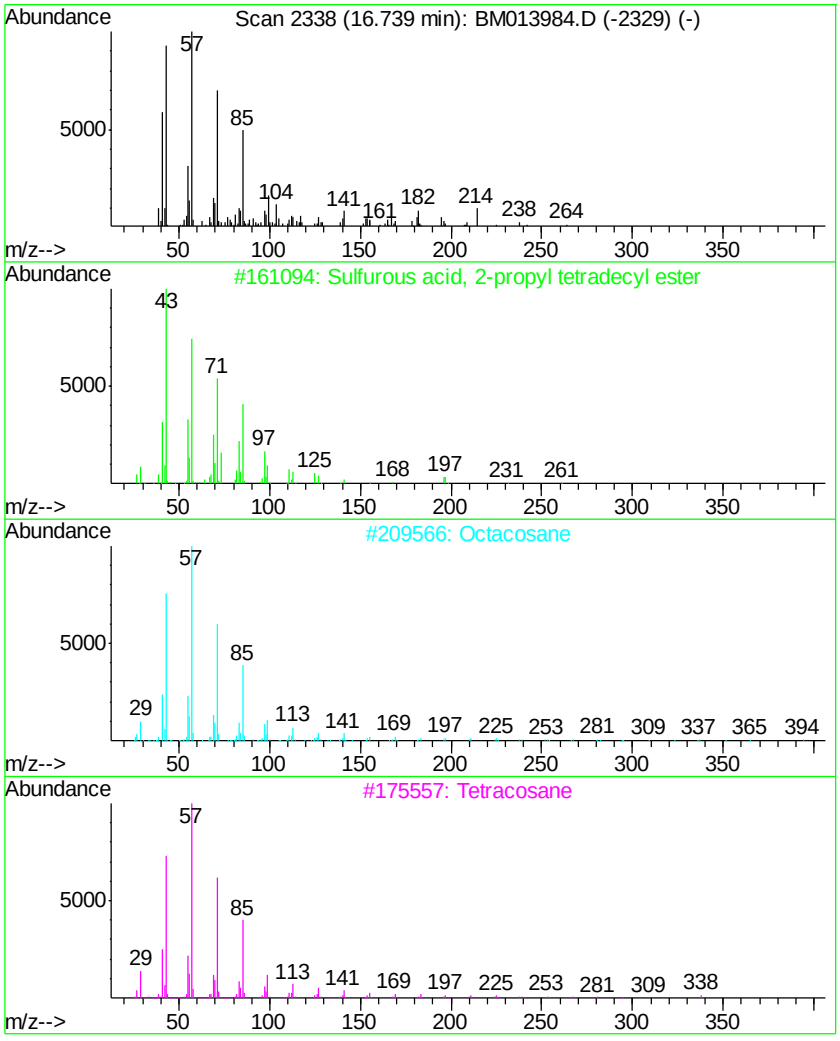
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

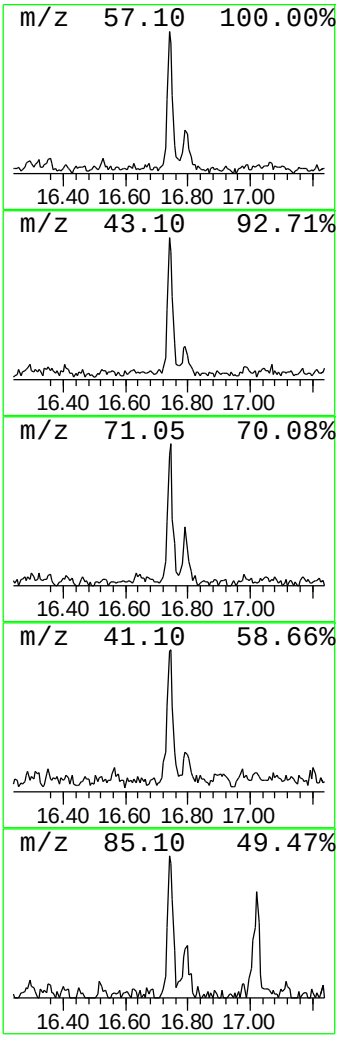
****

Peak Number 12 Sulfurous acid, 2-propyl te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	5.47 ng/ul	353409	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	72
2	Octacosane	394	C28H58	000630-02-4	68
3	Tetracosane	338	C24H50	000646-31-1	68
4	Hexacosane	366	C26H54	000630-01-3	68
5	Nonadecane	268	C19H40	000629-92-5	68





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Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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

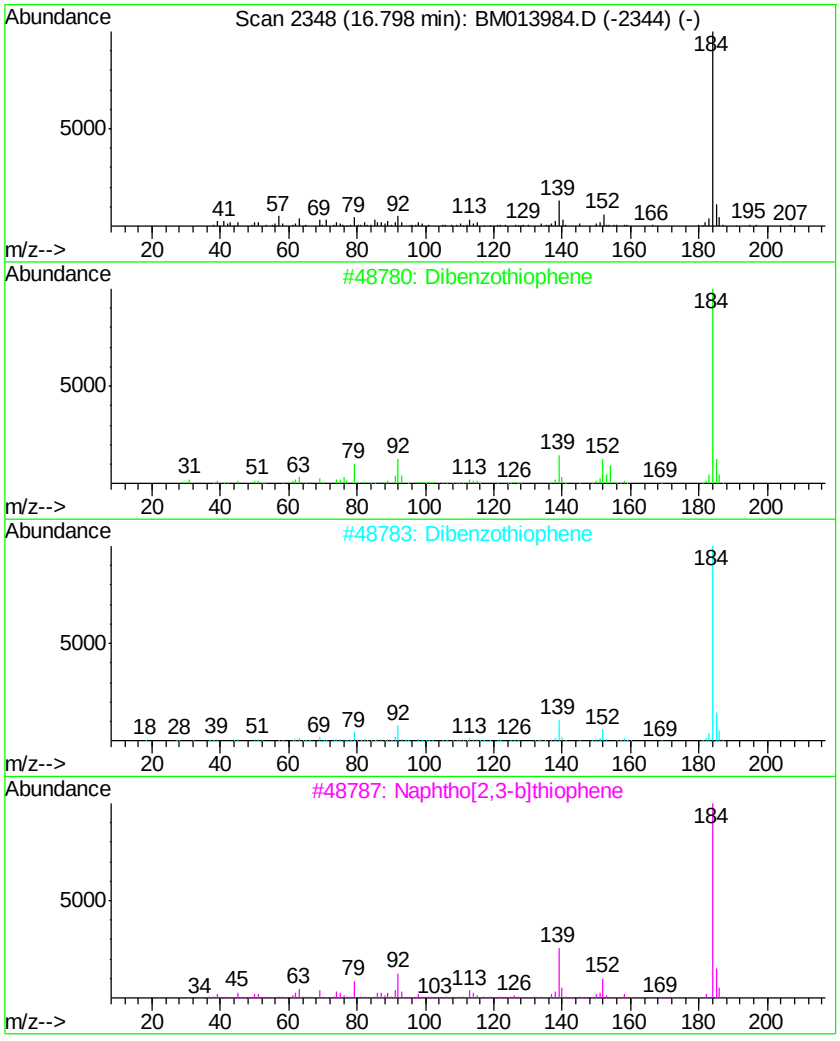
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

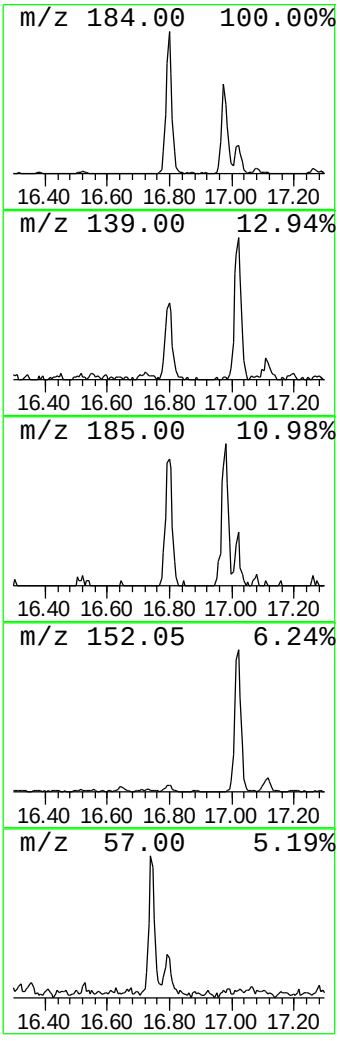
****

Peak Number 13 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	5.10 ng/ul	329402	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	90
2	Dibenzothiophene	184	C12H8S	000132-65-0	90
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





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Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

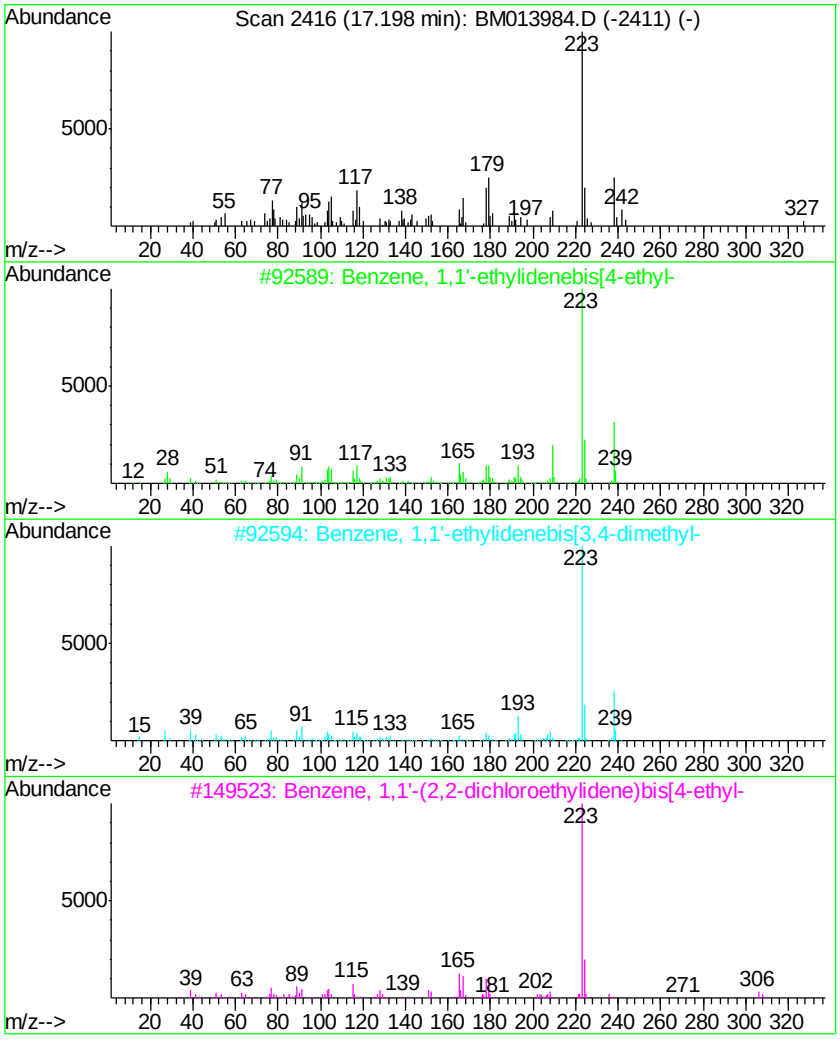
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

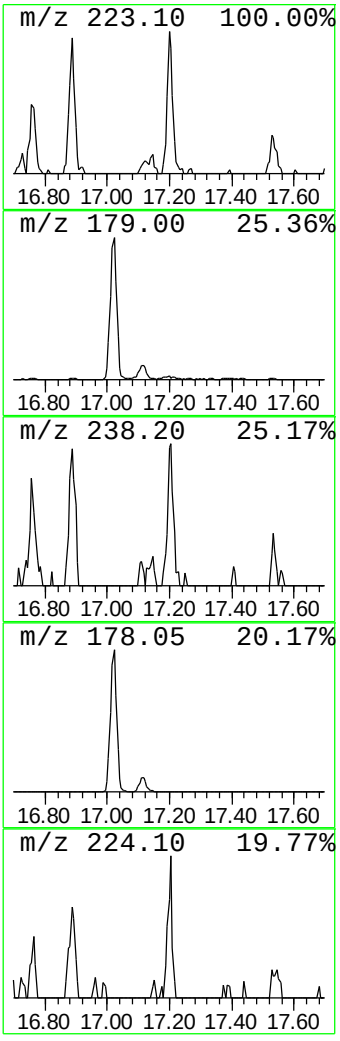
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,1'-ethylidenebis... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	2.28 ng/ul	147504	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	76
2	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	70
3	Benzene, 1,1'-(2,2-dichloroethyl...	306	C18H20Cl2	000072-56-0	58
4	4-Isopropylxanthen-9-one	238	C16H14O2	1000210-33-1	58
5	Benzene, 1,1'-(2,2-dichloroethyl...	306	C18H20Cl2	000072-56-0	53





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Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

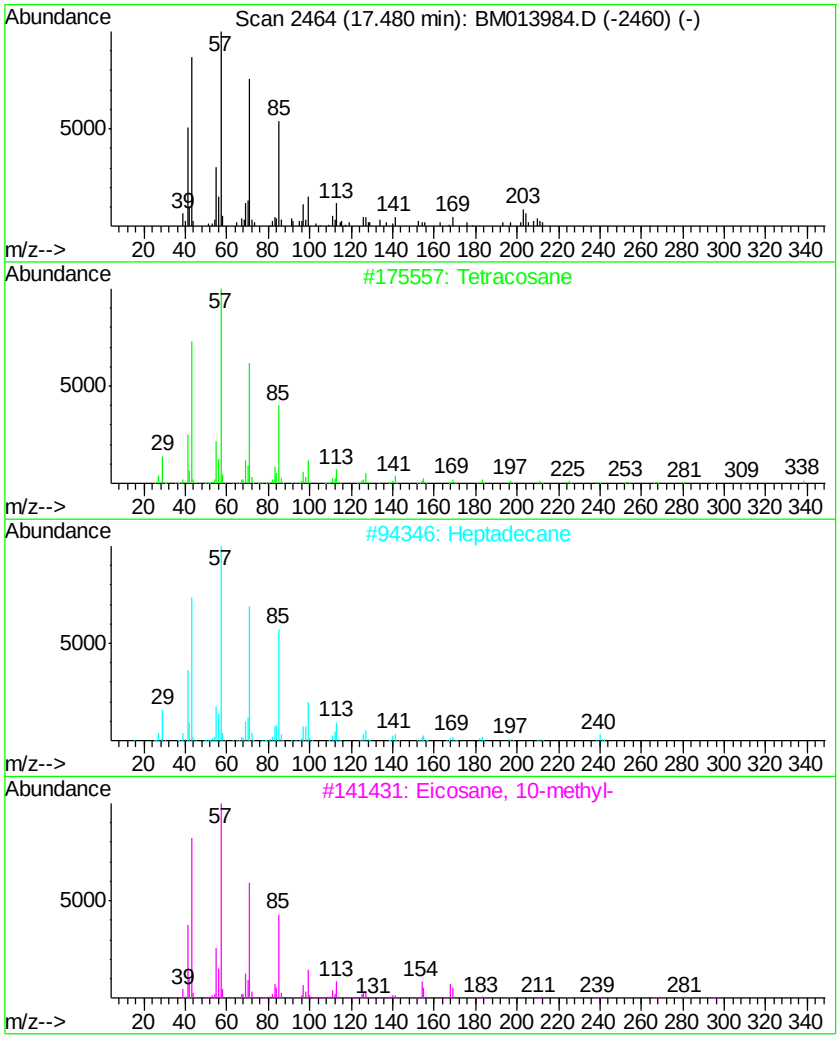
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

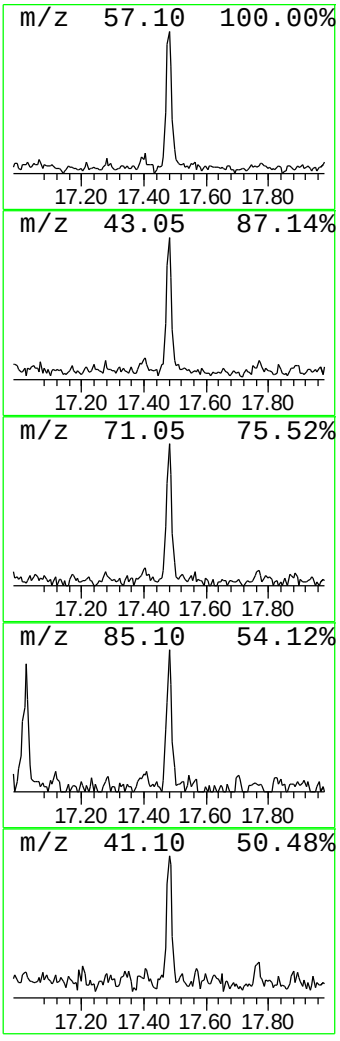
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	3.19 ng/ul	205671	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Heptadecane	240	C17H36	000629-78-7	87
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
4	Triacontane	422	C30H62	000638-68-6	86
5	Pentadecane	212	C15H32	000629-62-9	83





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Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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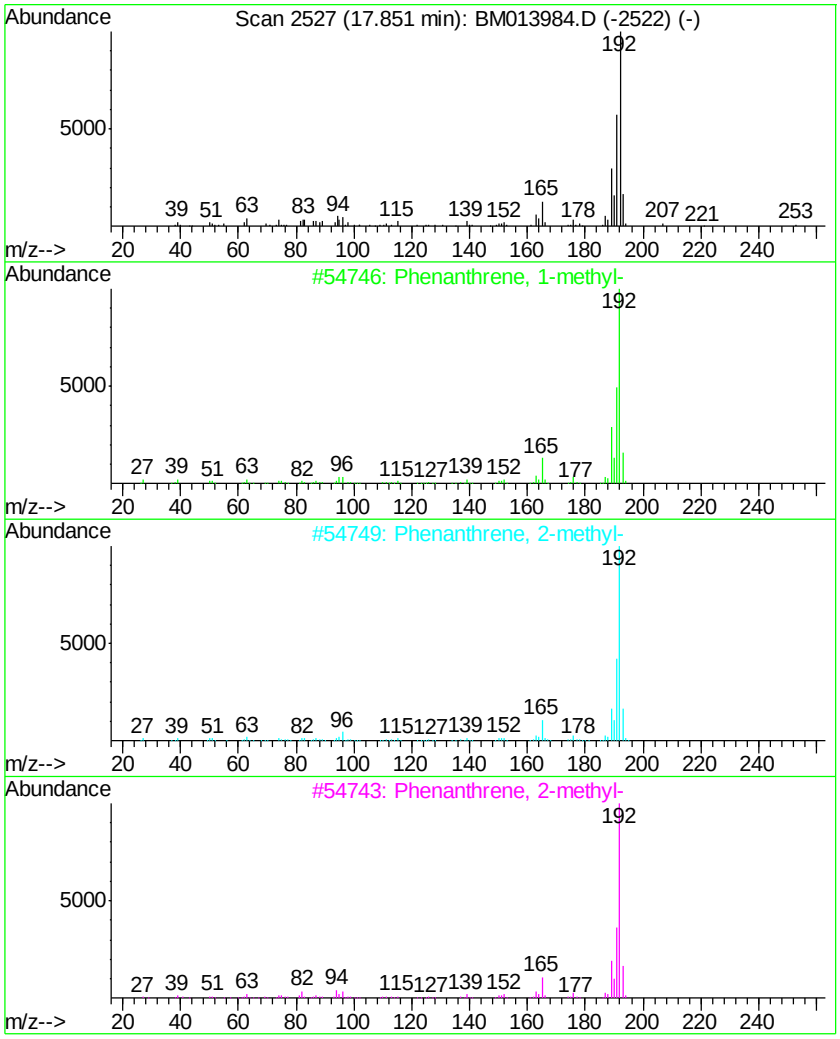
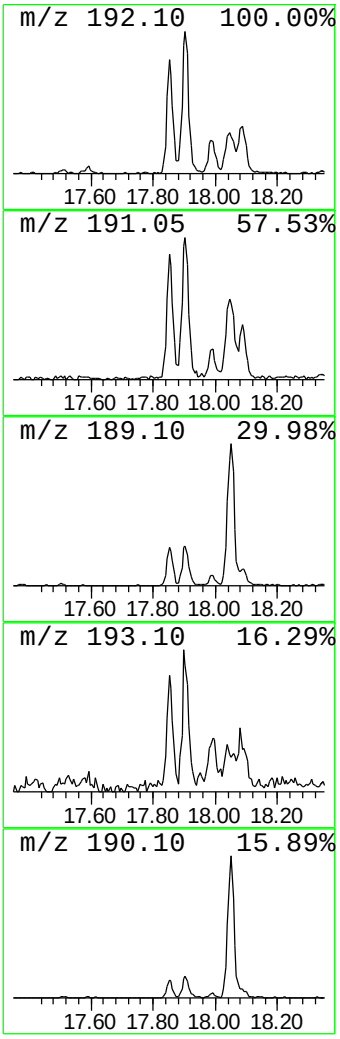
Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	4.54 ng/ul	292875	Phenanthrene-d10	16.97

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, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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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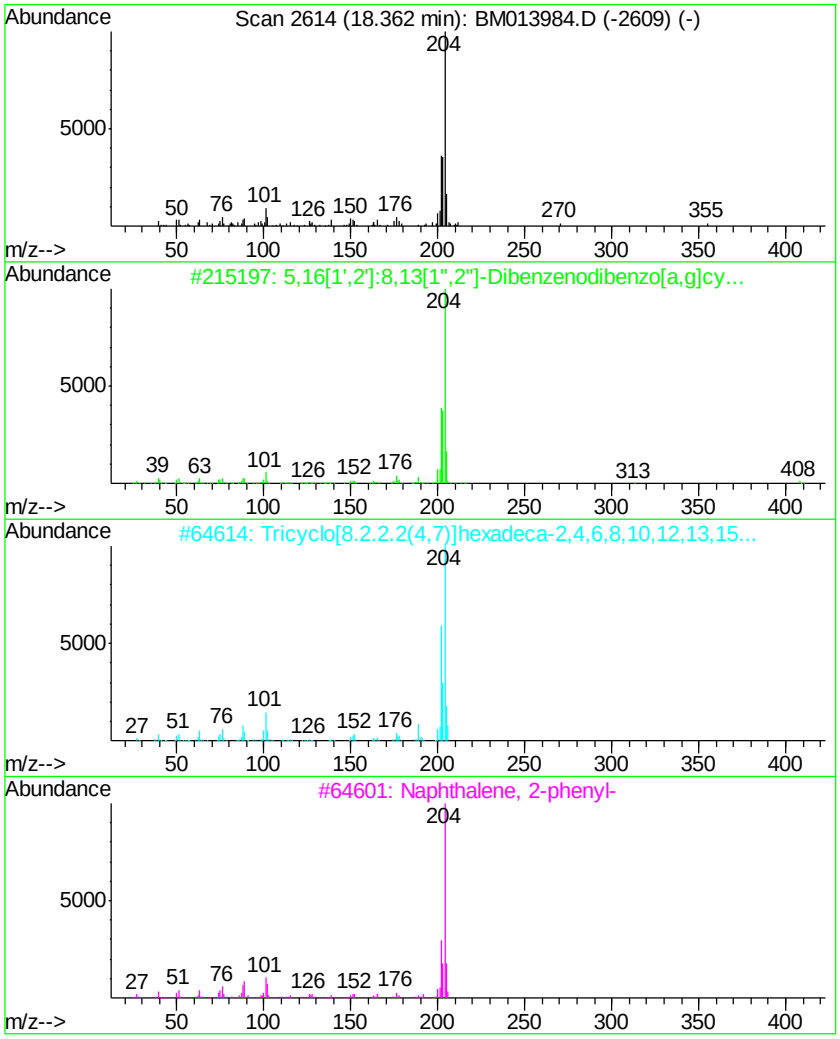
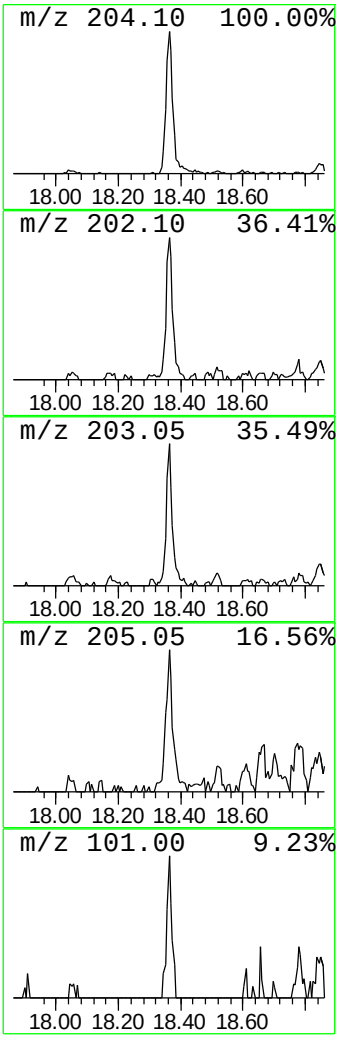
Peak Number 19 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.59 ng/ul	231831	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	72





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Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

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

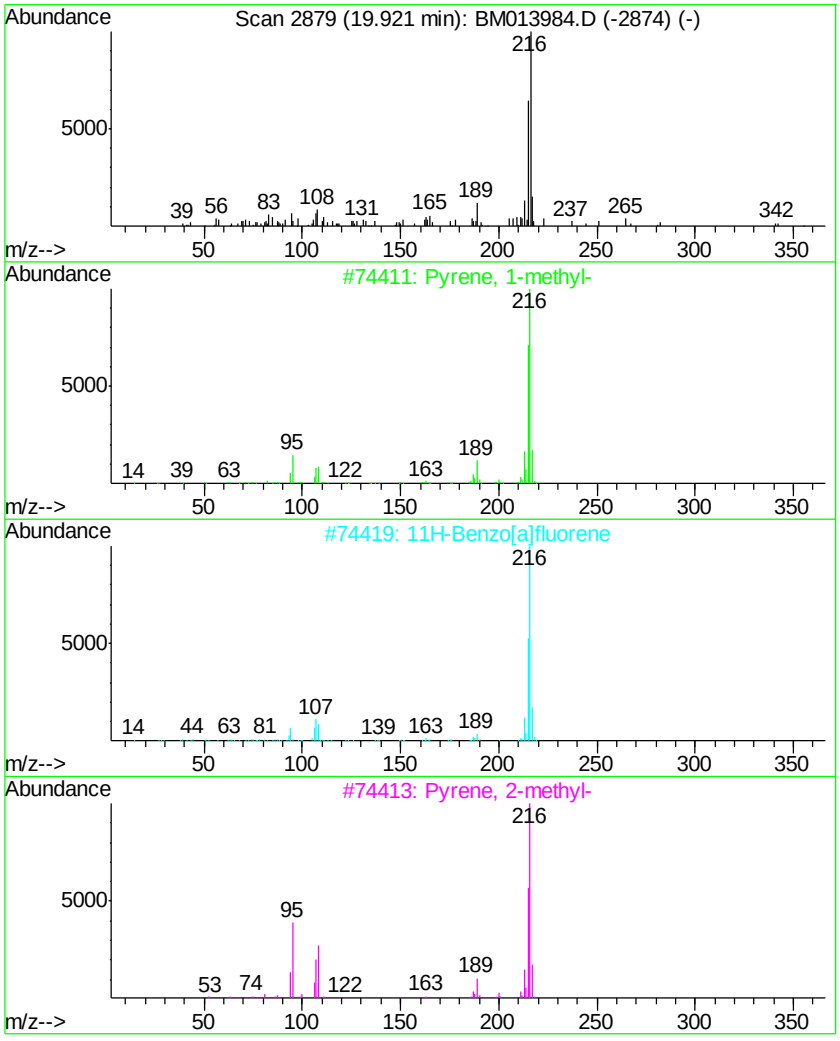
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

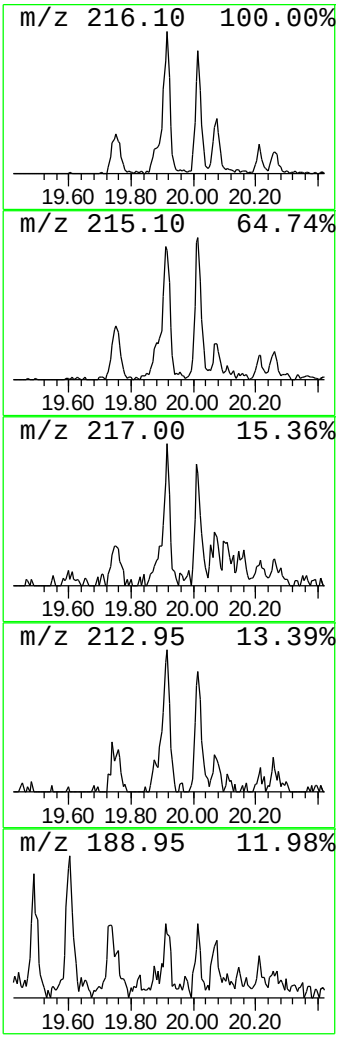
****

Peak Number 20 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.29 ng/ul	250904	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Tentatively Identified Compound (LSC) summary

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Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

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	20.9	ng/ul	822201	2	10.34	787426	20.0
Naphthalene, 2-et...	13.25	2.4	ng/ul	180547	3	14.22	1535820	20.0
Naphthalene, 2,3-...	13.54	4.1	ng/ul	311499	3	14.22	1535820	20.0
(DEL) Alkane: Str...	14.13	2.3	ng/ul	173188	3	14.22	1535820	20.0
(DEL) Alkane: Str...	15.09	2.5	ng/ul	188318	3	14.22	1535820	20.0
9H-Fluoren-9-ol	15.57	3.2	ng/ul	248140	3	14.22	1535820	20.0
(4-Acetylphenyl)p...	15.69	6.5	ng/ul	423119	4	16.97	1291180	20.0
2,4,6-Cycloheptat...	15.72	4.0	ng/ul	256635	4	16.97	1291180	20.0
(DEL) Alkane: Str...	15.95	5.6	ng/ul	361791	4	16.97	1291180	20.0
9H-Fluorene, 9-me...	16.29	2.2	ng/ul	139295	4	16.97	1291180	20.0
Sulfurous acid, 2...	16.74	5.5	ng/ul	353409	4	16.97	1291180	20.0
Dibenzothiophene	16.80	5.1	ng/ul	329402	4	16.97	1291180	20.0
Benzene, 1,1'-eth...	17.20	2.3	ng/ul	147504	4	16.97	1291180	20.0
(DEL) Alkane: Str...	17.48	3.2	ng/ul	205671	4	16.97	1291180	20.0
Phenanthrene, 1-m...	17.85	4.5	ng/ul	292875	4	16.97	1291180	20.0
5,16[1',2']:8,13[...	18.36	3.6	ng/ul	231831	4	16.97	1291180	20.0
Pyrene, 1-methyl-	19.92	2.3	ng/ul	250904	5	21.18	2192170	20.0