LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013986.D
Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

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	rBV2	378270	695858	20.38%	2.437%
2	9.981	1182	1189	1194	rBV3	20143	38648	1.13%	0.135%
3	10.339	1241	1250	1254	rBV	555241	947303	27.74%	3.318%
4	10.392	1254	1259	1273	rVV	767160	1394989	40.85%	4.886%
5	10.516	1275	1280	1287	rBV6	31879	63025	1.85%	0.221%
6	11.192	1388	1395	1403	rBV2	66501	161911	4.74%	0.567%
7	11.775	1488	1494	1503	rBV3	33950	59076	1.73%	0.207%
8	12.010	1527	1534	1545	rBV	602601	1057129	30.96%	3.703%
9	12.239	1564	1573	1580	rBV	313070	548410	16.06%	1.921%
10	13.045	1704	1710	1716	rBV2	166795	309497	9.06%	1.084%
11	13.245	1740	1744	1755	rVB	65062	122205	3.58%	0.428%
12	13.380	1761	1767	1779	rBV4	81538	233292	6.83%	0.817%
13	13.539	1788	1794	1799	rBV3	107705	208709	6.11%	0.731%
14	13.592	1799	1803	1808	rVV3	77878	145753	4.27%	0.511%
15	13.645	1808	1812	1816	rVV2	54295	94659	2.77%	0.332%
16	13.704	1816	1822	1825	rVB3	40504	61354	1.80%	0.215%
17	13.774	1831	1834	1838	rBV3	34978	48810	1.43%	0.171%
18	13.916	1851	1858	1861	rBV	65967	103098	3.02%	0.361%
19	13.945	1861	1863	1869	rVB3	39208	51387	1.50%	0.180%
20	14.127	1889	1894	1900	rBV	105256	146644	4.29%	0.514%
21	14.216	1900	1909	1916	rVV4	850244	1699293	49.77%	5.952%
22	14.286	1916	1921	1931	rVV	497365	768409	22.50%	2.692%
23	14.374	1931	1936	1941	rVV5	35611	65935	1.93%	0.231%
24	14.433	1943	1946	1954	rVB7	19432	35846	1.05%	0.126%
25	14.533	1956	1963	1967	rBV8	20175	39901	1.17%	0.140%
26	14.627	1973	1979	1988	rVV	587090	943850	27.64%	3.306%
27	14.710	1988	1993	1996	rVV5	30117	54115	1.58%	0.190%
28	14.757	1996	2001	2005	rVB7	21774	34552	1.01%	0.121%
29	14.851	2009	2017	2022	rBV10	29252	56908	1.67%	0.199%
30	15.086	2053	2057	2064	rVB	121748	156191	4.57%	0.547%
31	15.221	2075	2080	2085	rVB2	89637	135987	3.98%	0.476%
32	15.280	2085	2090	2098	rBV2	318851	516111	15.11%	1.808%
33	15.445	2114	2118	2121	rVB2	46770	59867	1.75%	0.210%
34	15.492	2121	2126	2129	rBV3	40496	52462	1.54%	0.184%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013986.D
Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

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	15.527	2129	2132	2136	rVV2	34646	46215	1.35%	0.162%
36	15.580	2136	2141	2150	rVB2	105641	192607	5.64%	0.675%
37	15.692	2155	2160	2163	rBV	283988	370488	10.85%	1.298%
38	15.721	2163	2165	2173	rVB2	100483	182405	5.34%	0.639%
39	15.951	2198	2204	2212	rBV2	141560	302385	8.86%	1.059%
40	16.015	2212	2215	2221	rVB2	157438	214783	6.29%	0.752%
41	16.292	2249	2262	2266	rBV7	48249	113521	3.32%	0.398%
42	16.639	2317	2321	2327	rVB5	66364	110998	3.25%	0.389%
43	16.745	2329	2339	2344	rBV6	123123	275516	8.07%	0.965%
44	16.798	2344	2348	2356	rVB	176980	267771	7.84%	0.938%
45	16.886	2356	2363	2366	rBV4	48211	72518	2.12%	0.254%
46	16.974	2372	2378	2381	rBV	1071390	1486229	43.53%	5.206%
47	17.021	2381	2386	2392	rVV	2346495	3414623	100.00%	11.960%
48	17.080	2392	2396	2398	rVV2	122054	193418	5.66%	0.677%
49	17.109	2398	2401	2409	rVV	221151	376070	11.01%	1.317%
50	17.198	2411	2416	2422	rVB3	74912	123239	3.61%	0.432%
51	17.392	2444	2449	2460	rBV2	95713	226105	6.62%	0.792%
52	17.480	2460	2464	2475	rVV5	87665	205595	6.02%	0.720%
53	17.568	2475	2479	2486	rVB9	25282	52285	1.53%	0.183%
54	17.762	2509	2512	2519	rVB7	24566	46038	1.35%	0.161%
55	17.856	2523	2528	2532	rBV	125467	189816	5.56%	0.665%
56	17.904	2532	2536	2543	rVB	173848	264564	7.75%	0.927%
57	17.986	2546	2550	2555	rVB2	41229	57873	1.69%	0.203%
58	18.051	2555	2561	2565	rBV2	177663	307293	9.00%	1.076%
59	18.174	2578	2582	2586	rBV3	74800	93791	2.75%	0.329%
60	18.362	2609	2614	2621	rBV2	104713	164334	4.81%	0.576%
61	18.609	2652	2656	2660	rBV4	26496	43021	1.26%	0.151%
62	18.662	2660	2665	2669	rBV5	28123	49593	1.45%	0.174%
63	18.786	2680	2686	2688	rBV3	34490	61151	1.79%	0.214%
64	18.815	2688	2691	2694	rVB2	50090	62159	1.82%	0.218%
65	19.045	2723	2730	2737	rBV	1321445	1780251	52.14%	6.236%
66	19.286	2767	2771	2775	rBV4	36617	59532	1.74%	0.209%
67	19.409	2788	2792	2801	rVB	831658	1230809	36.05%	4.311%
68	19.492	2803	2806	2812	rVB4	36415	62184	1.82%	0.218%
69	19.603	2821	2825	2828	rBV	44085	56147	1.64%	0.197%
70	19.739	2845	2848	2857	rVB5	46816	93099	2.73%	0.326%
71	19.915	2875	2878	2888	rVB3	95298	192905	5.65%	0.676%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013986.D
Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

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	20.015	2891	2895	2899	rBV	79659	120823	3.54%	0.423%
73	20.074	2901	2905	2909	rVB5	35918	60407	1.77%	0.212%
74	20.262	2933	2937	2942	rVB7	20535	40418	1.18%	0.142%
75	20.433	2963	2966	2970	rBV6	35105	43361	1.27%	0.152%
76	20.897	3043	3045	3051	rBV6	42900	68549	2.01%	0.240%
77	21.180	3086	3093	3097	rBV	1507375	2240346	65.61%	7.847%
78	23.221	3438	3440	3442	rBV2	68007	81532	2.39%	0.286%
79	23.362	3458	3464	3472	rVB	979200	1741253	50.99%	6.099%

Sum of corrected areas: 28549204

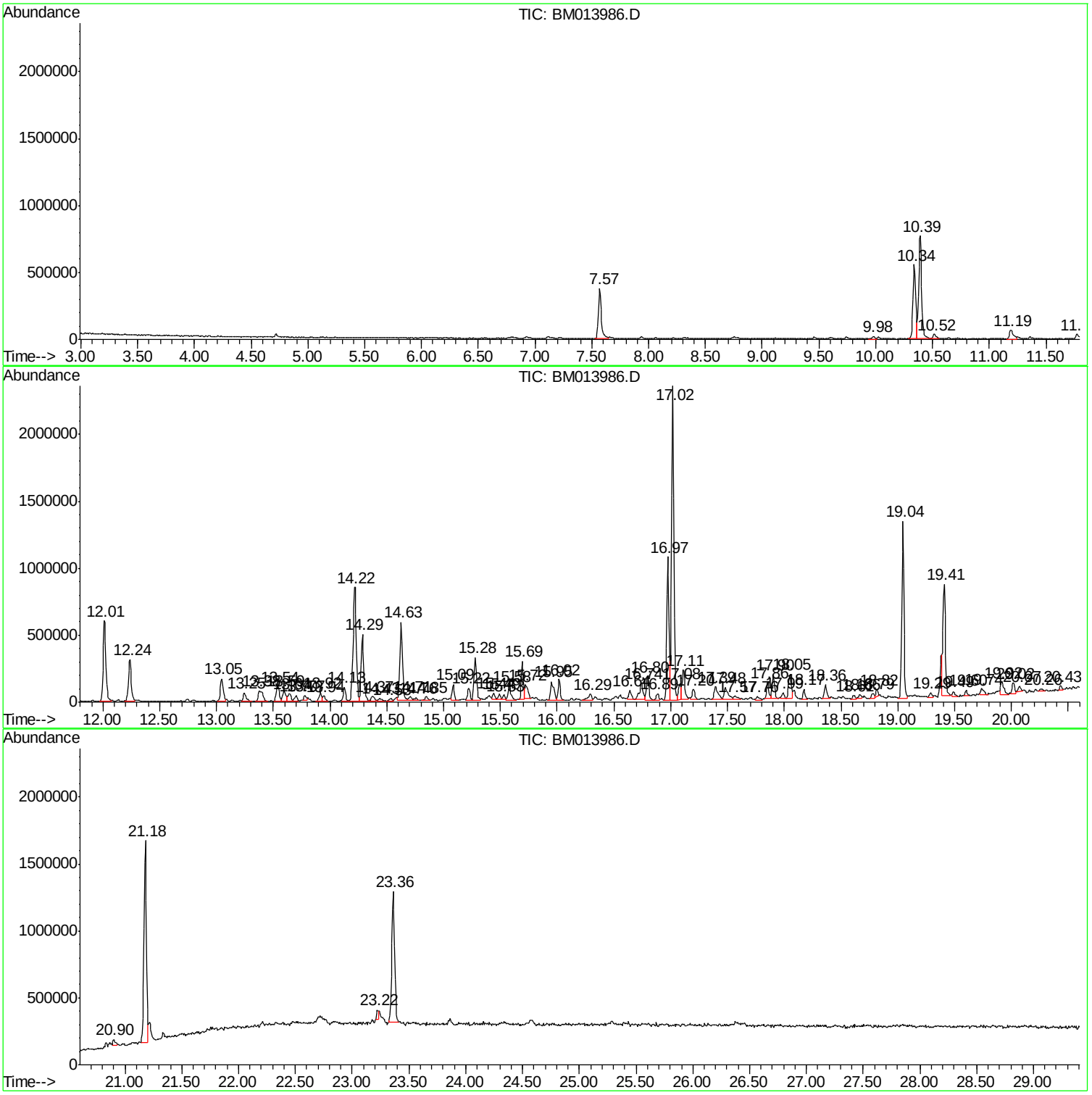
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013986.D
Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013986.D
Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

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

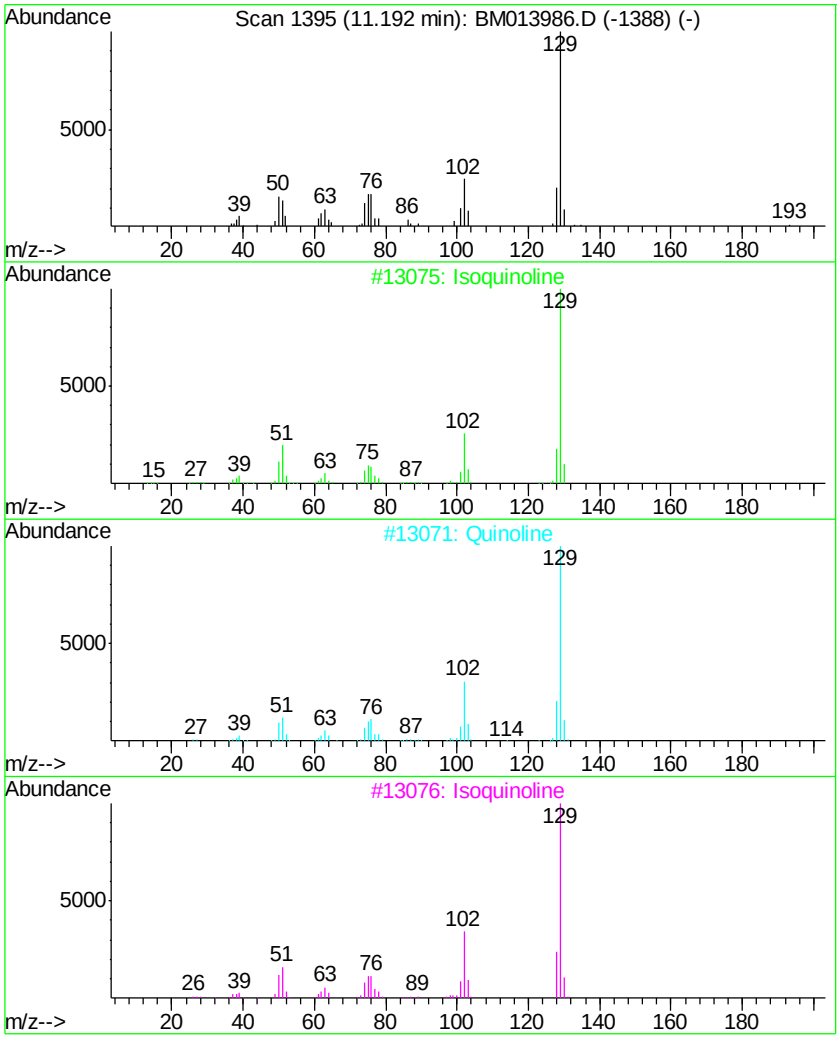
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

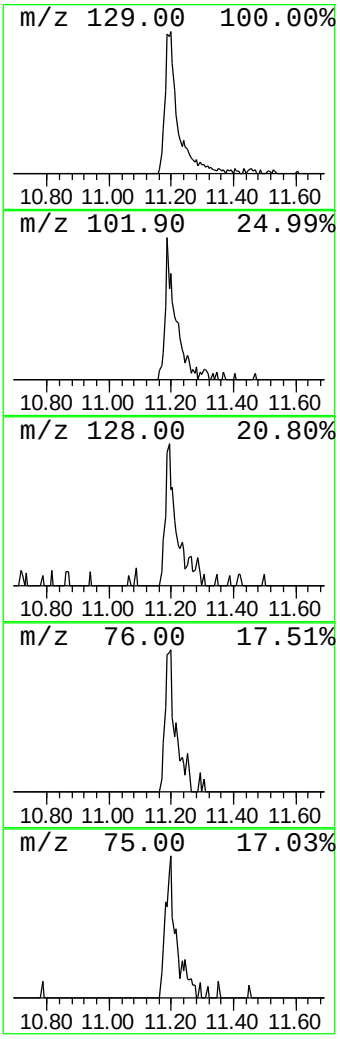
****

Peak Number 1 Isoquinoline Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	3.42 ng/ul	161911	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline	129	C9H7N	000119-65-3	90
2	Quinoline	129	C9H7N	000091-22-5	90
3	Isoquinoline	129	C9H7N	000119-65-3	90
4	Isoquinoline	129	C9H7N	000119-65-3	87
5	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013986.D
Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

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

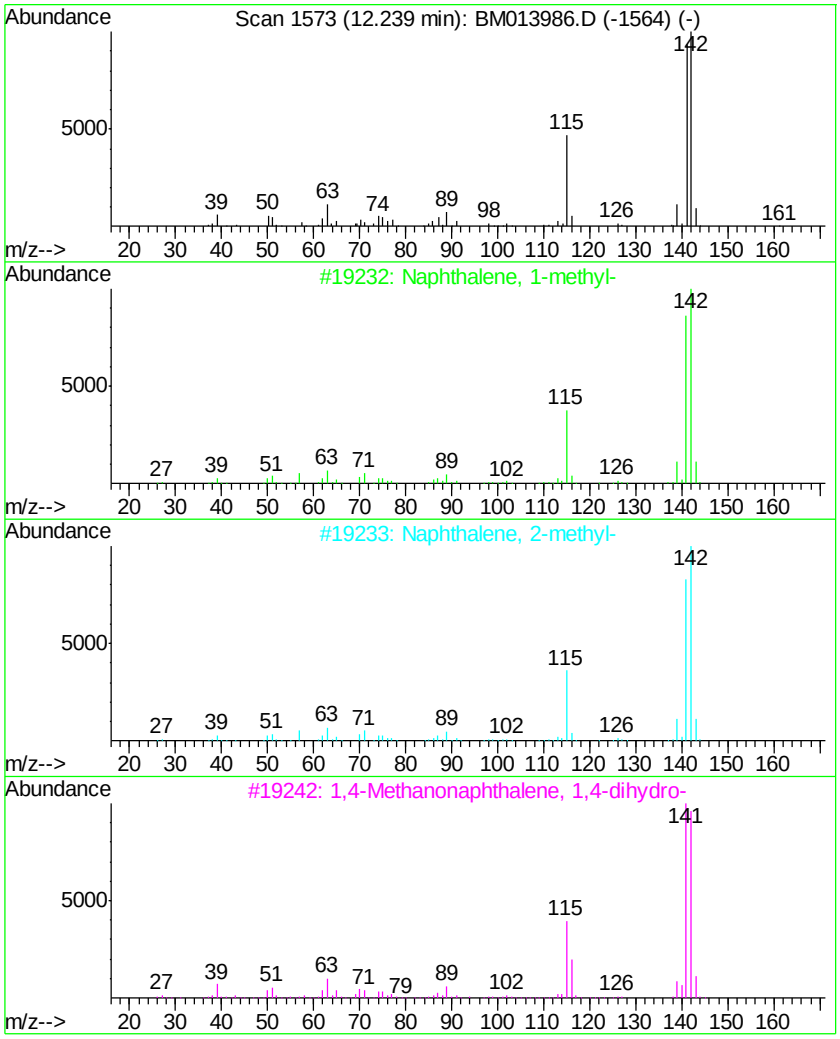
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

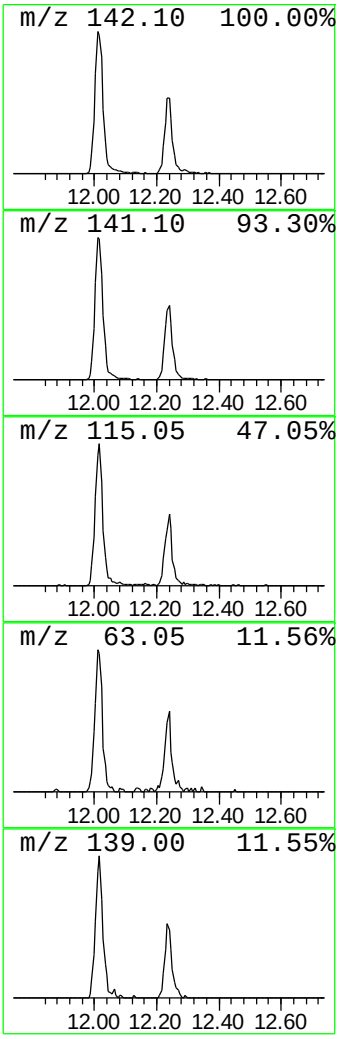
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	11.58 ng/ul	548410	Naphthalene-d8	10.34

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





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013986.D
Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

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

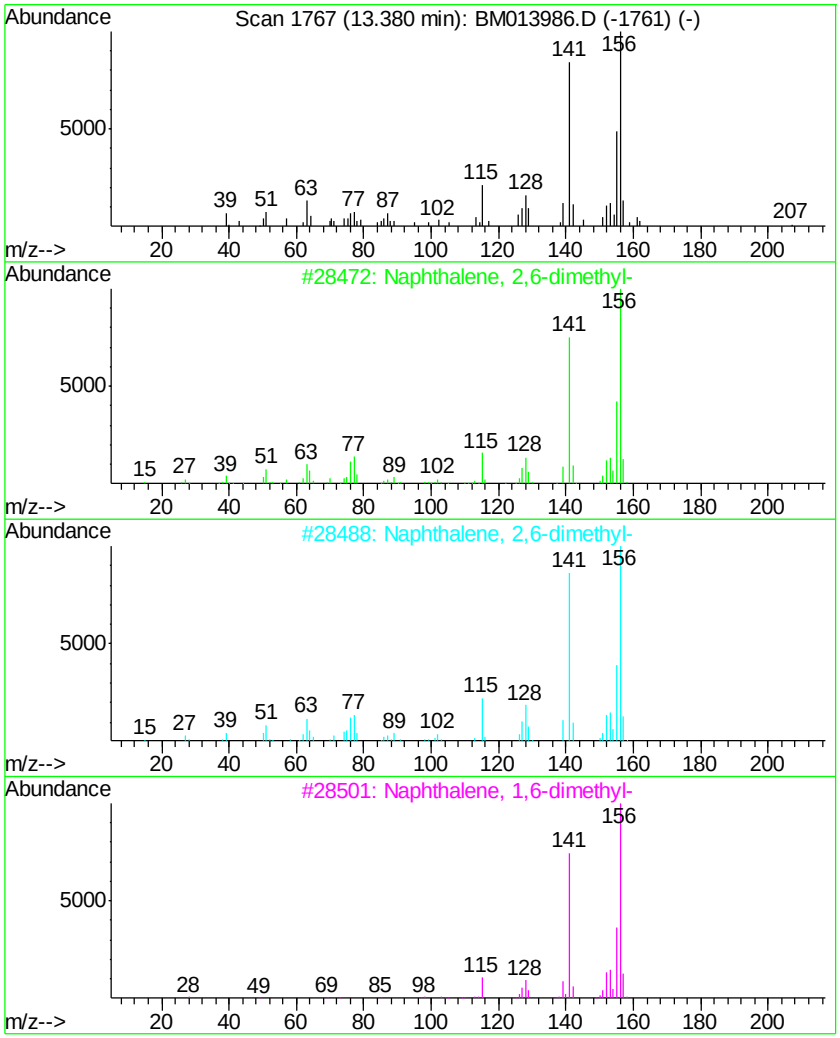
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

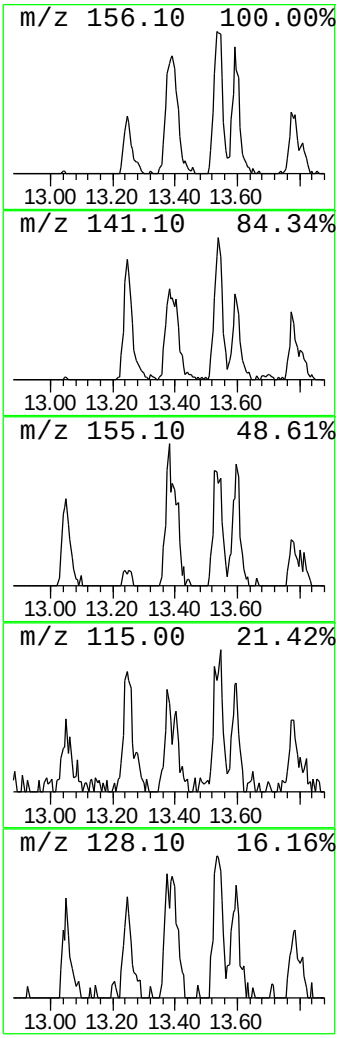
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.75 ng/ul	233292	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, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013986.D
Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

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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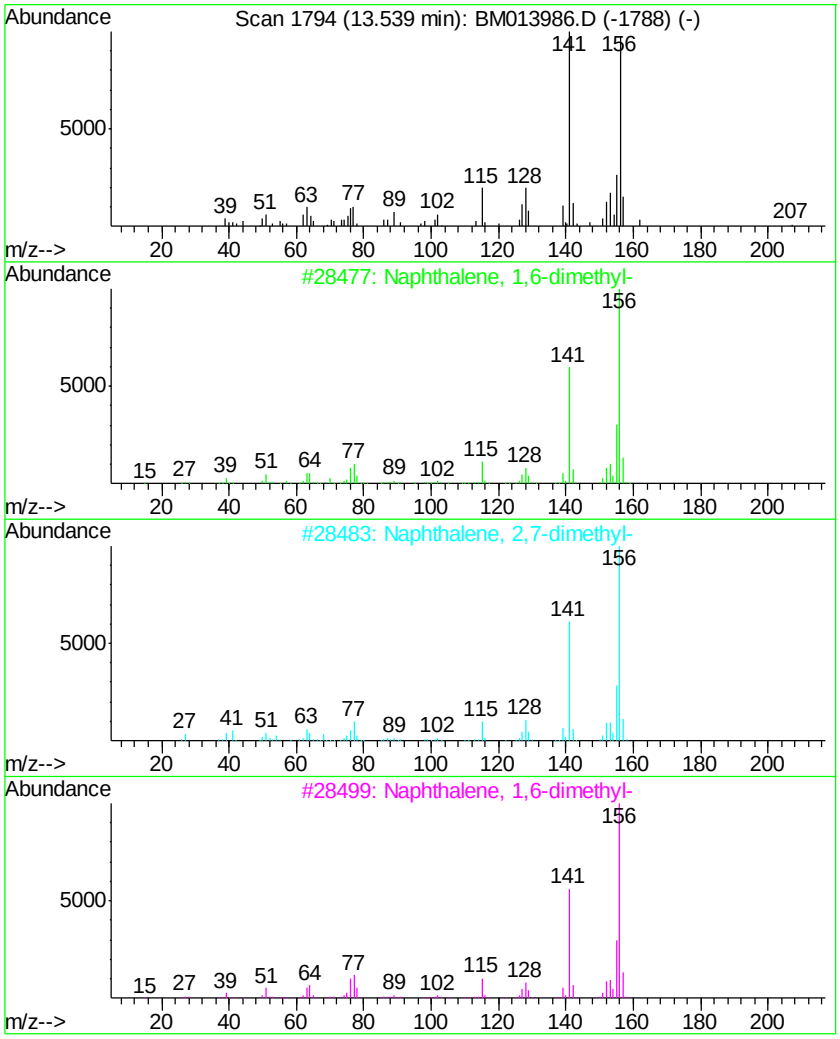
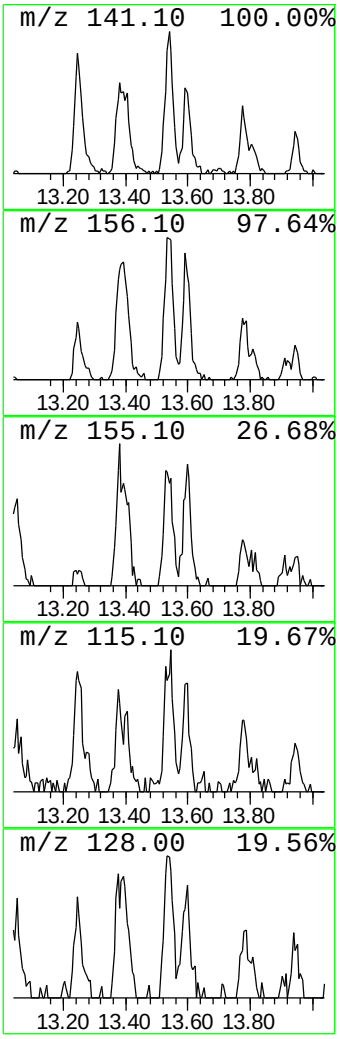
Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.46 ng/ul	208709	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013986.D
Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

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

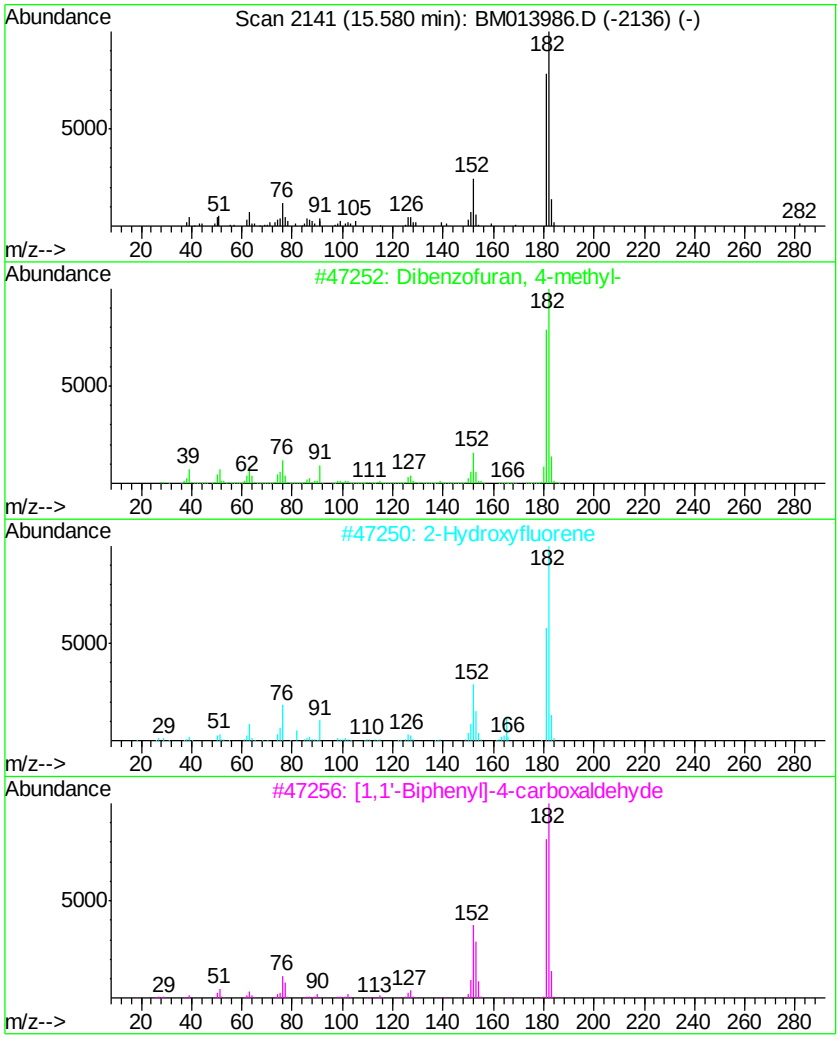
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

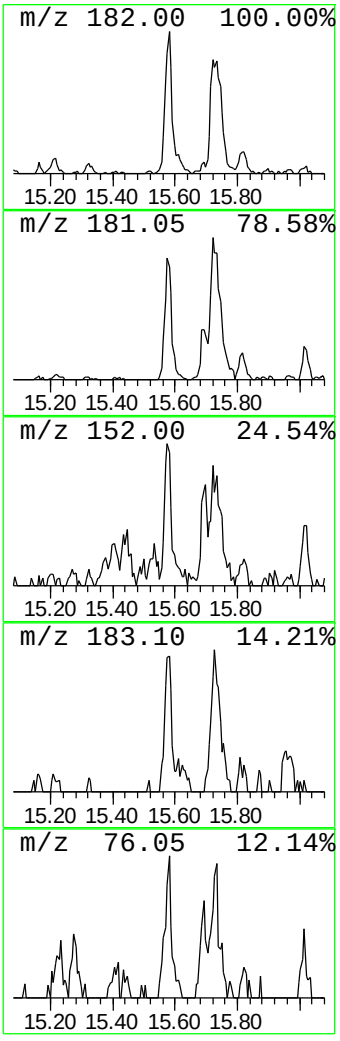
****

Peak Number 5 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	2.27 ng/ul	192607	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
4	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	70
5	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013986.D
Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

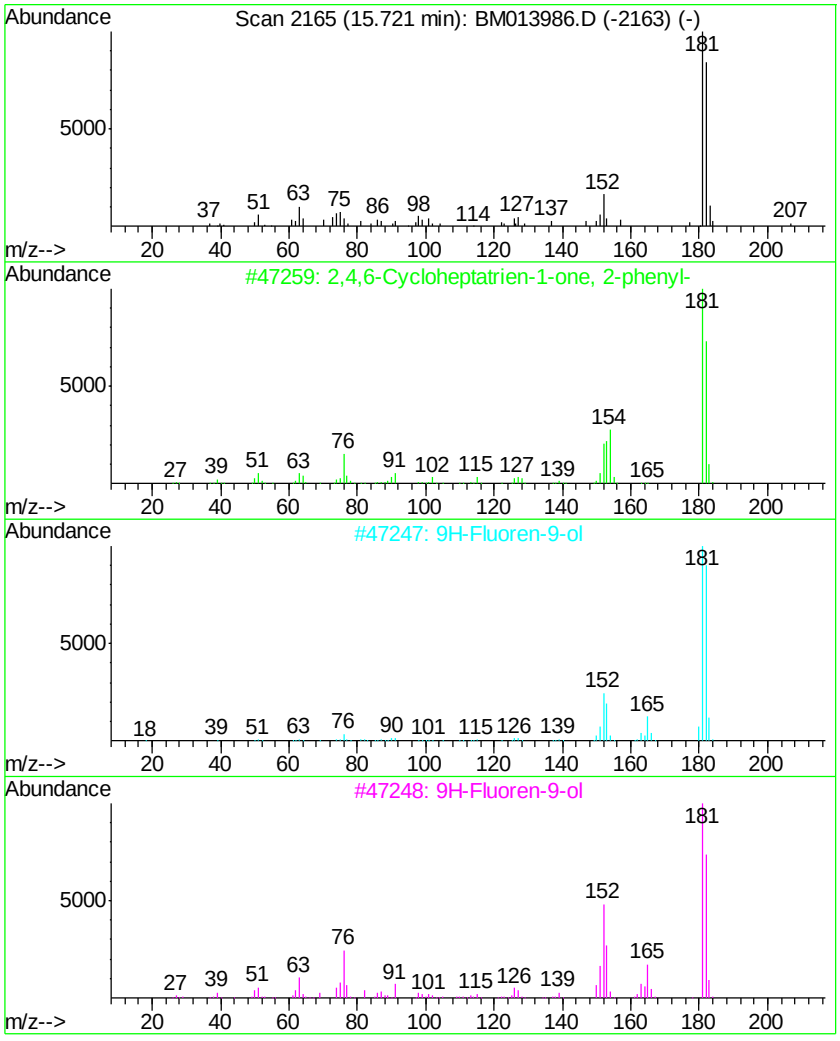
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

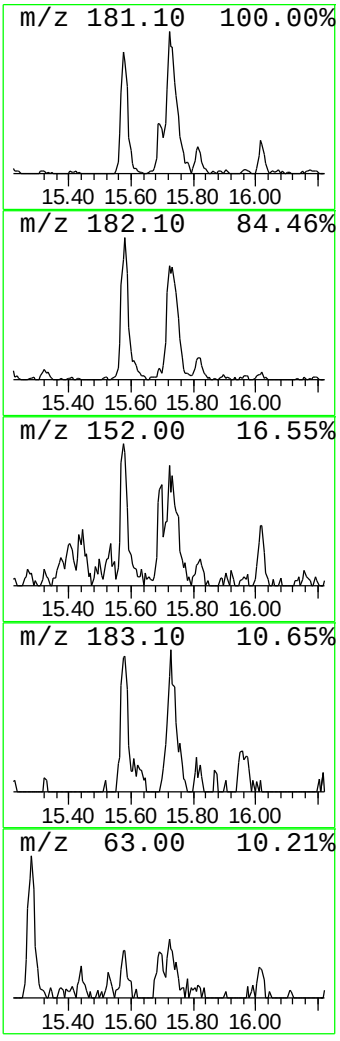
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,4,6-Cycloheptatrien-1-one... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.45 ng/ul	182405	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	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013986.D
Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

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

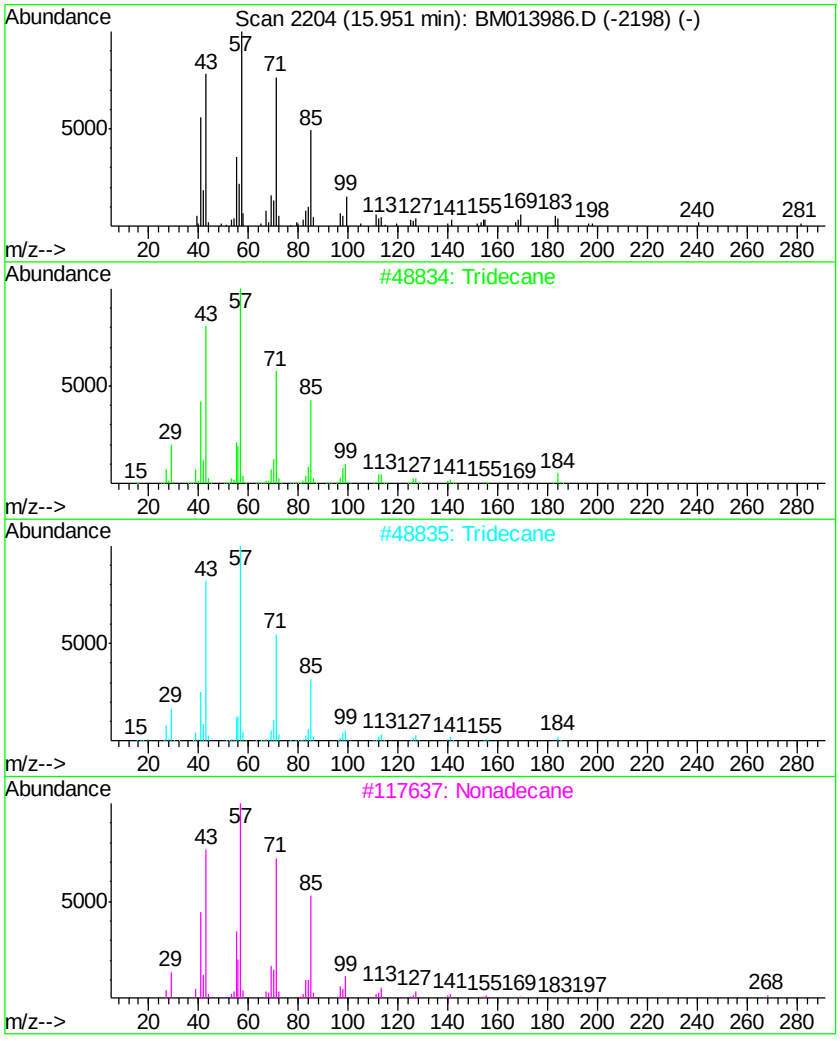
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

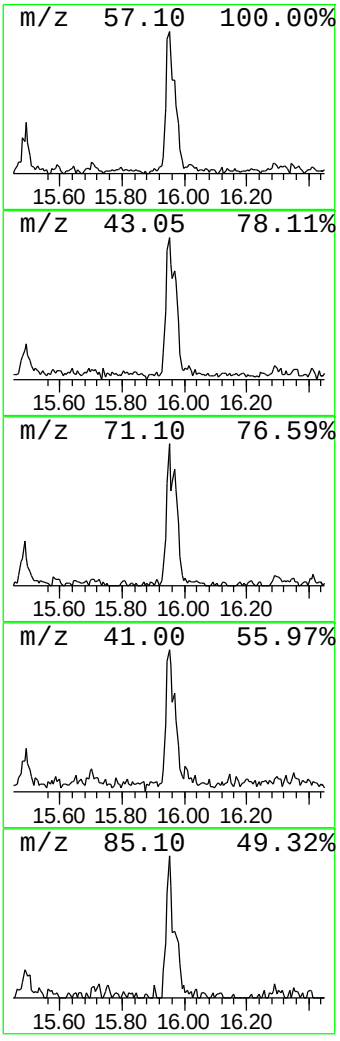
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	4.07 ng/ul	302385	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	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
5	Tridecane	184	C13H28	000629-50-5	90





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Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

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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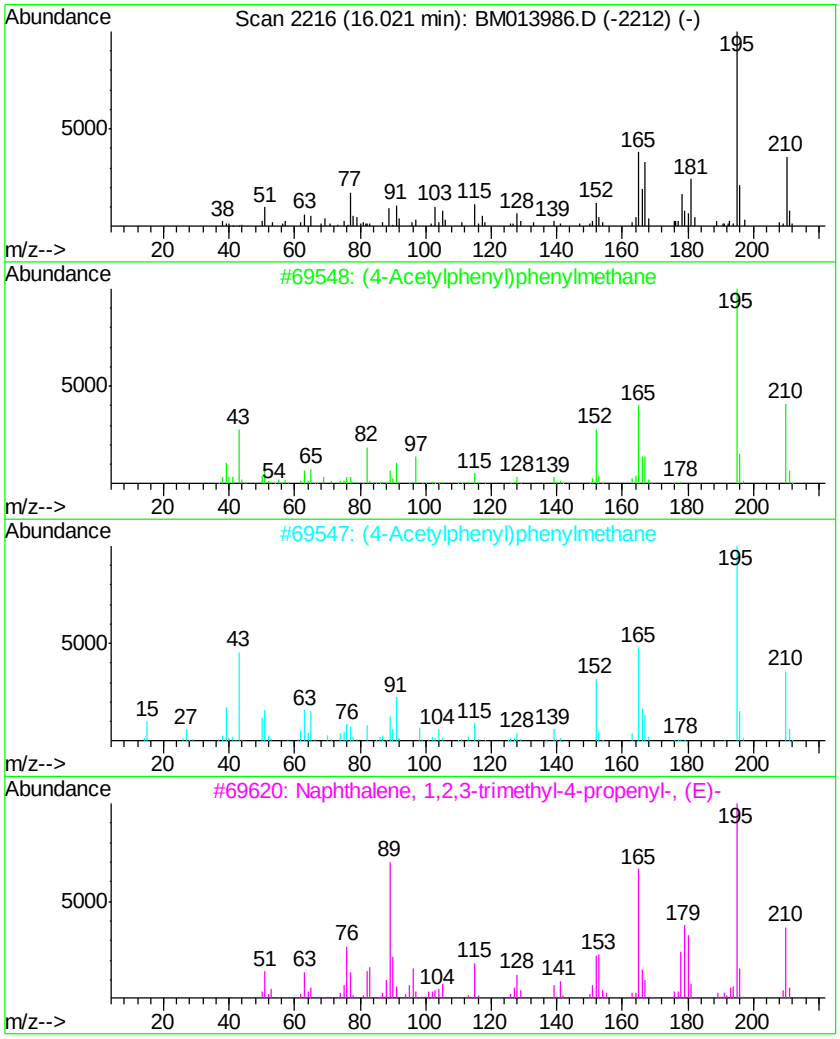
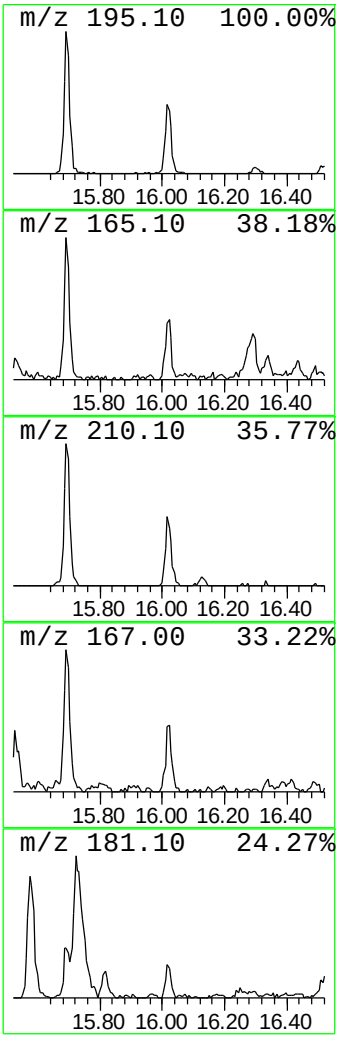
Peak Number 9 (4-Acetylphenyl)phenylmethane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.89 ng/ul	214783	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	70
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	70
3	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	64
4	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	62
5	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	47





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Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

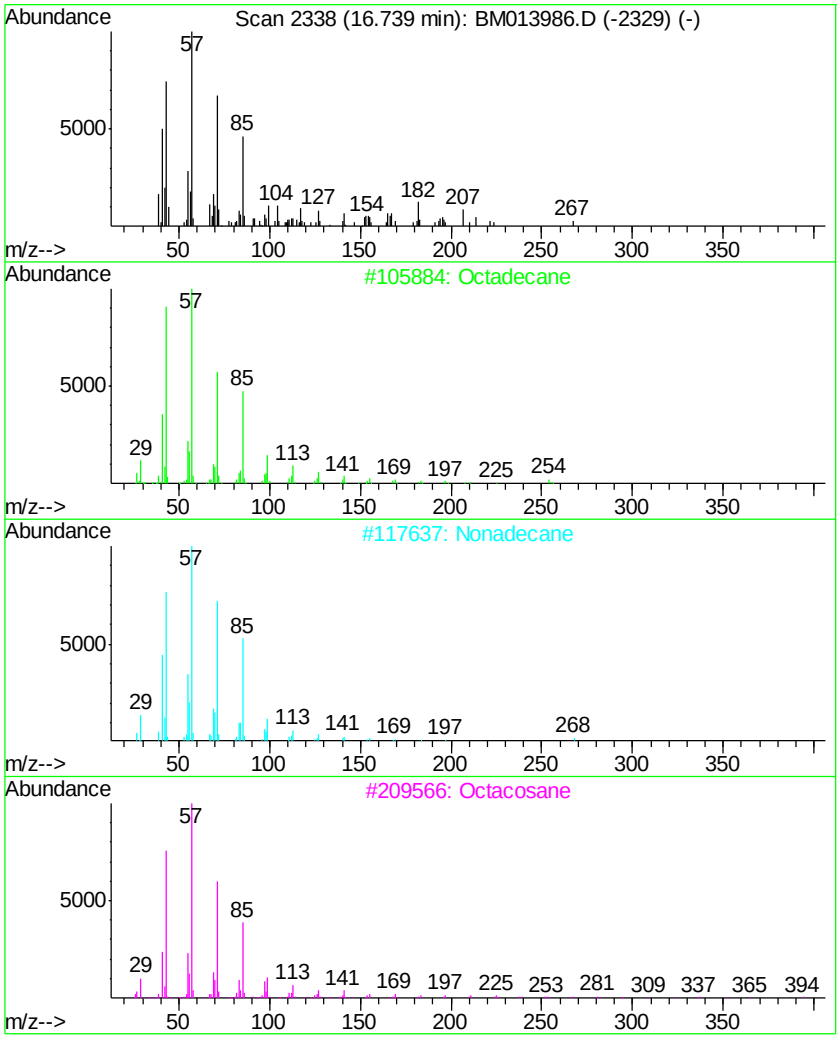
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

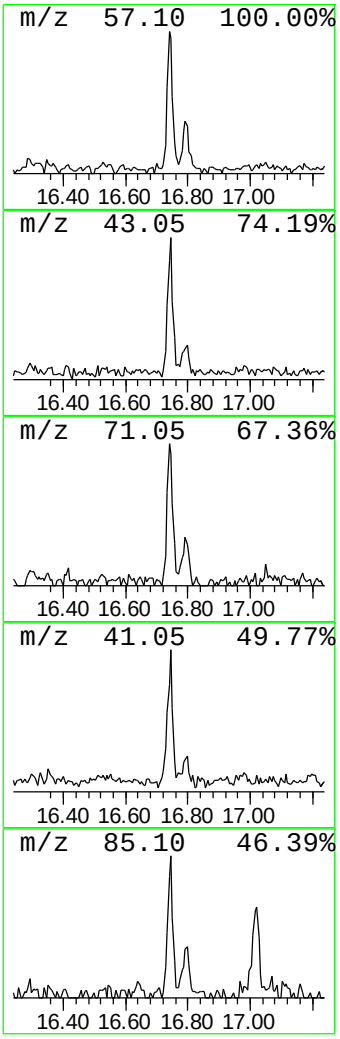
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	3.71 ng/ul	275516	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	89
2	Nonadecane	268	C19H40	000629-92-5	72
3	Octacosane	394	C28H58	000630-02-4	64
4	Tetracosane	338	C24H50	000646-31-1	64
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	58





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Data File : BM013986.D
Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

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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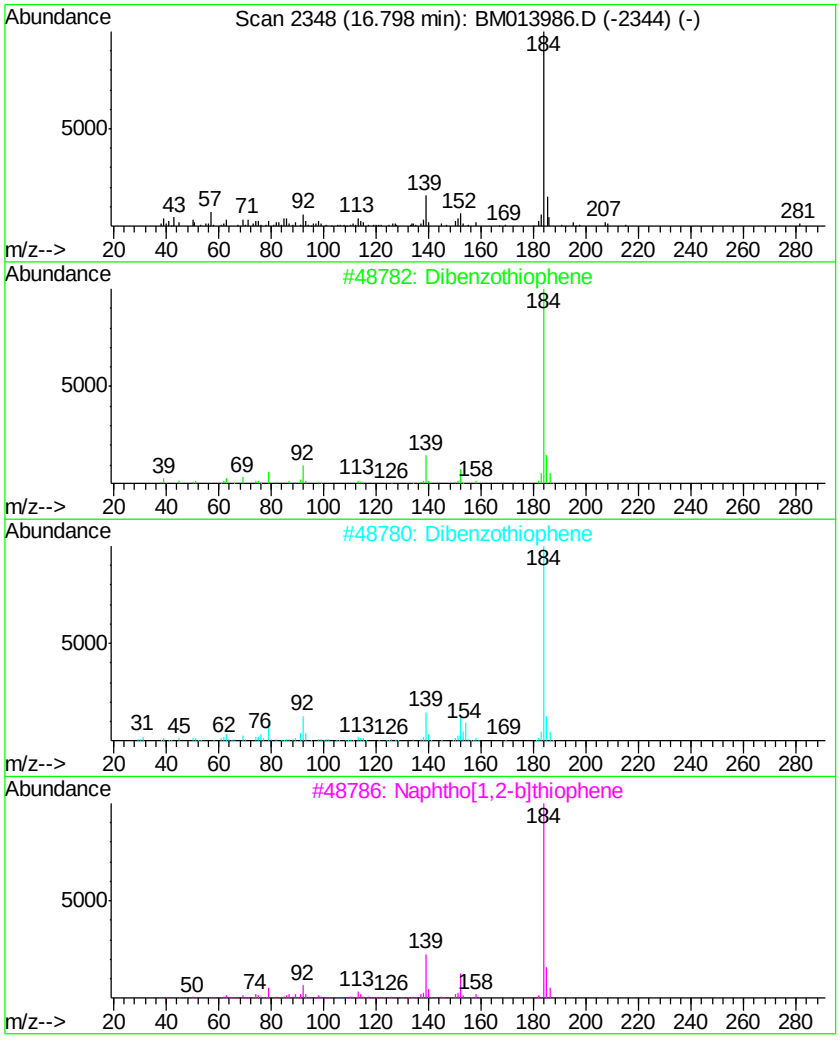
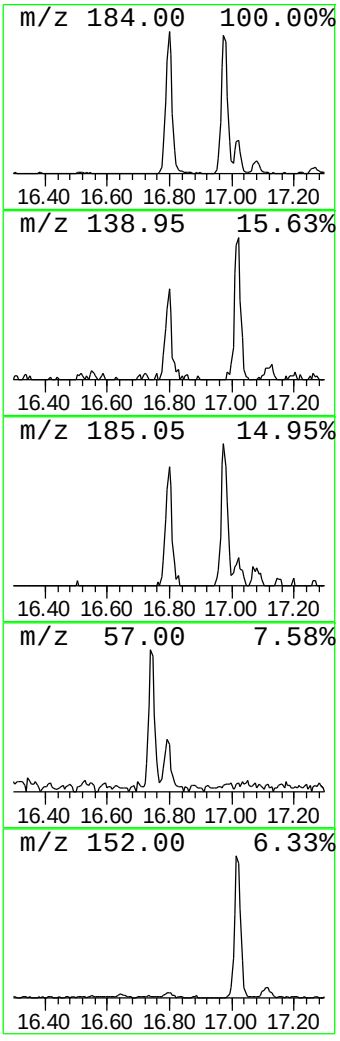
Peak Number 11 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	3.60 ng/ul	267771	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	91
2	Dibenzothiophene	184	C12H8S	000132-65-0	87
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87
4	Dibenzothiophene	184	C12H8S	000132-65-0	86
5	Dibenzothiophene	184	C12H8S	000132-65-0	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013986.D
Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

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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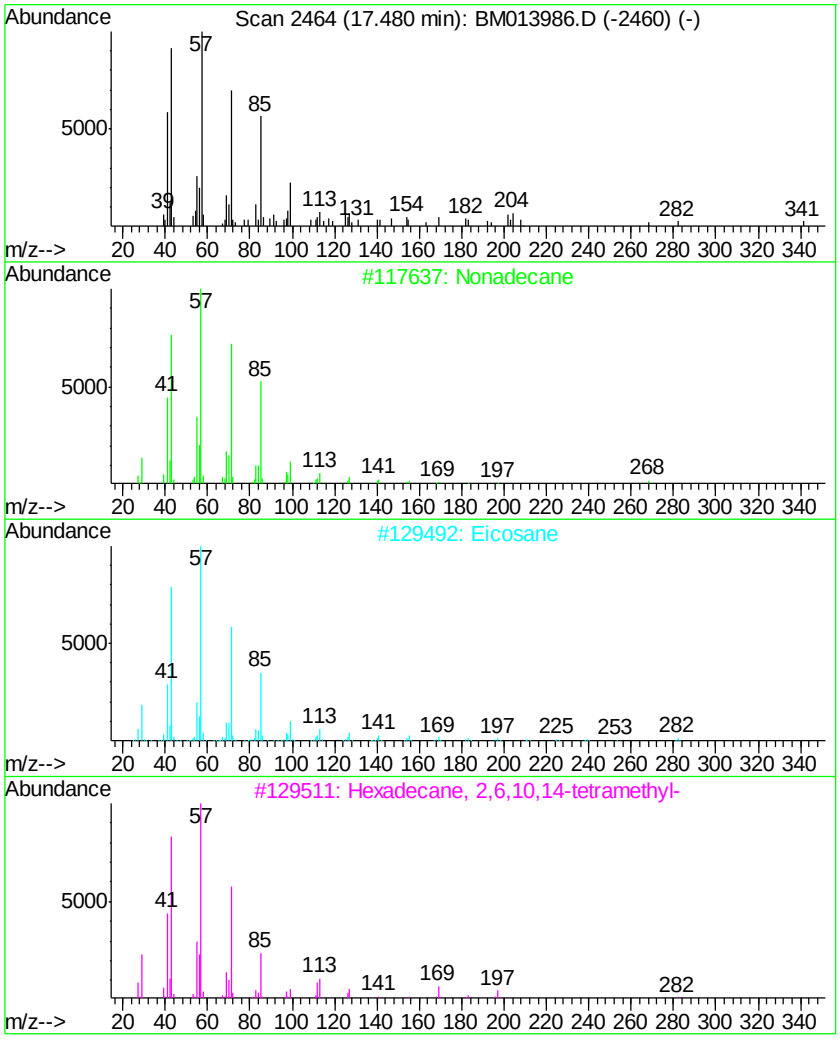
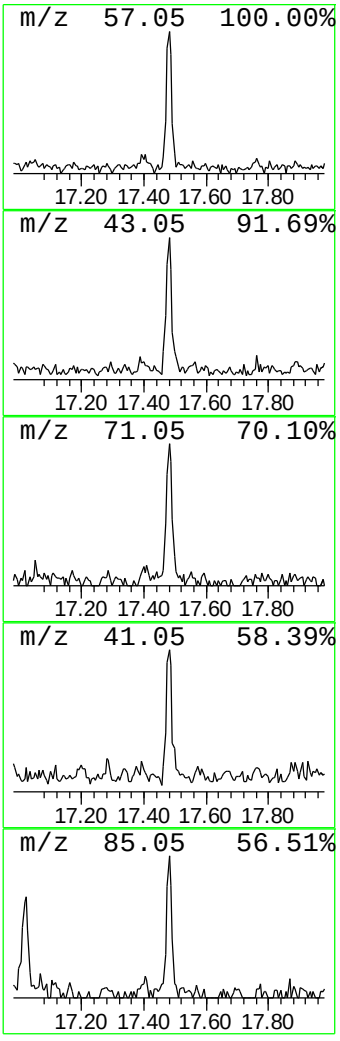
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	2.77 ng/ul	205595	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Eicosane	282	C20H42	000112-95-8	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Nonadecane	268	C19H40	000629-92-5	81
5	Eicosane	282	C20H42	000112-95-8	74





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013986.D
Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

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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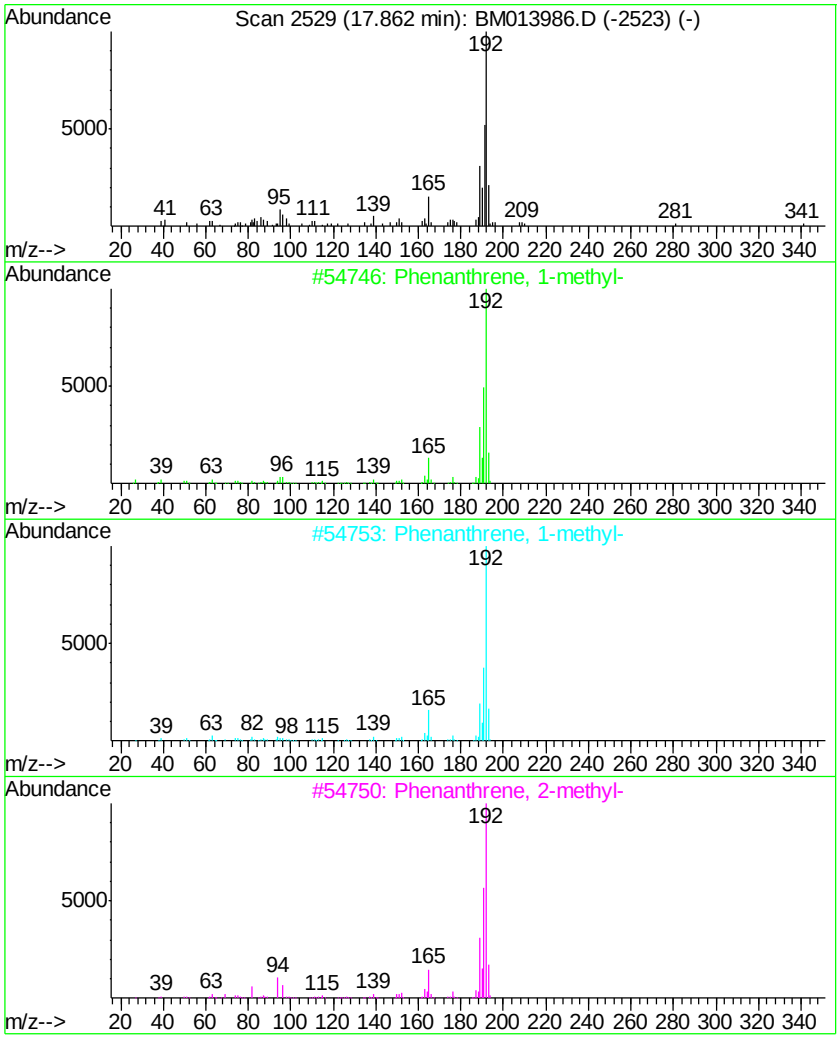
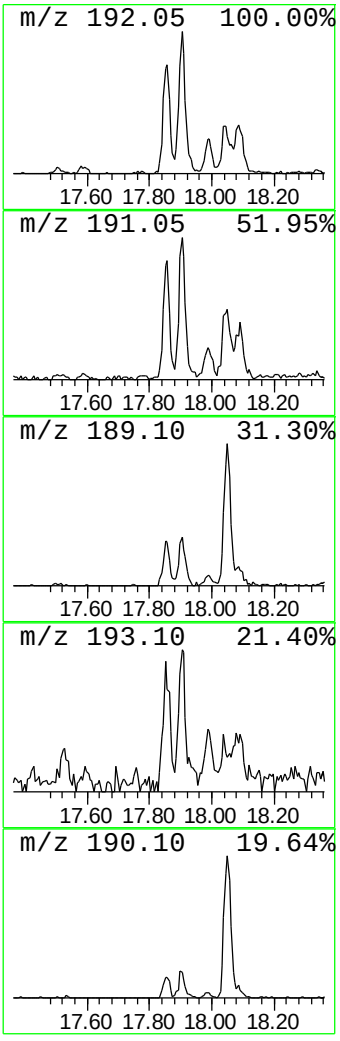
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.55 ng/ul	189816	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Data File : BM013986.D
Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

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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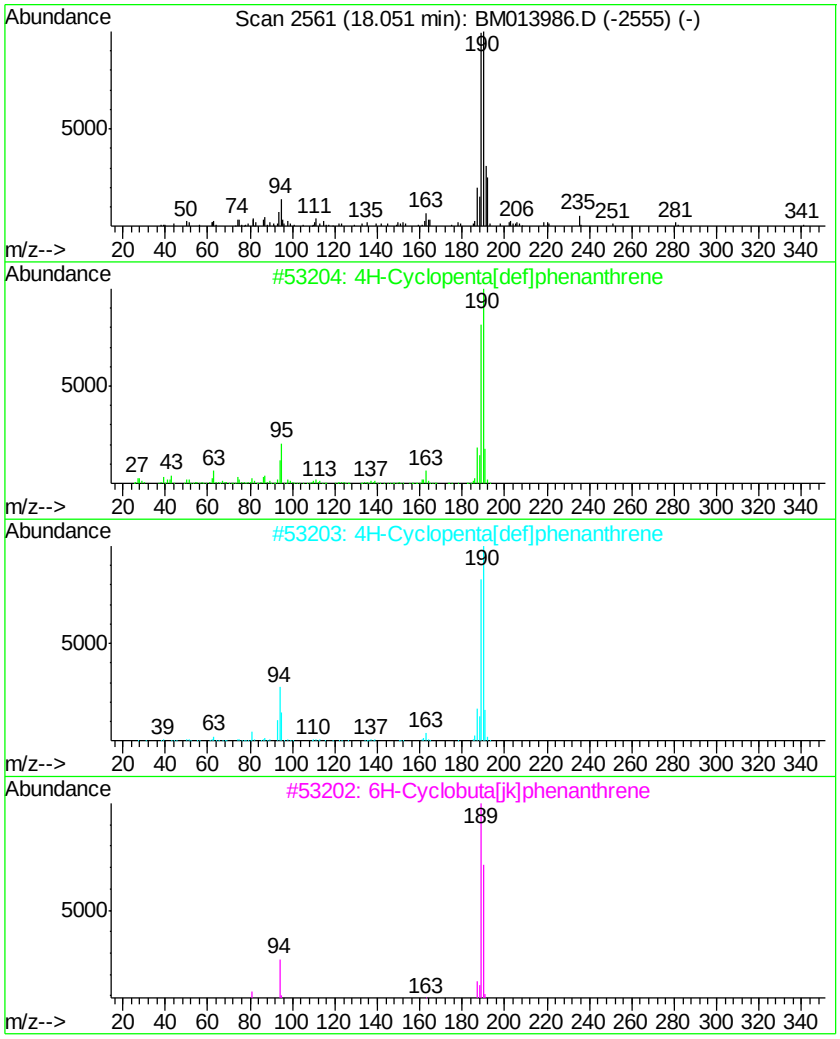
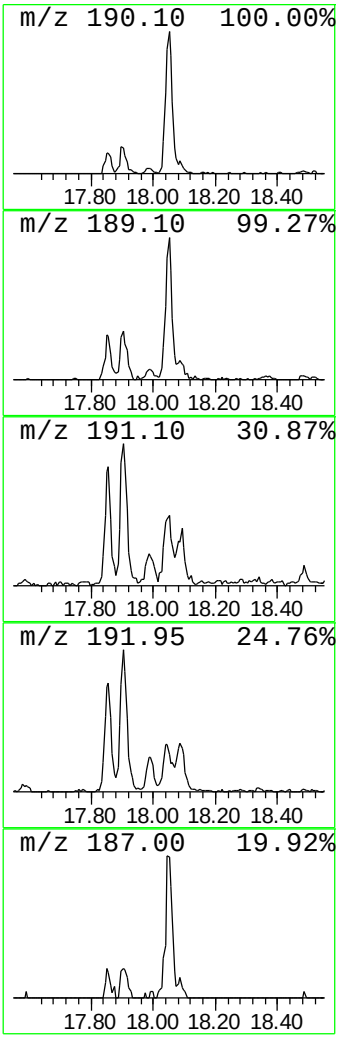
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	4.14 ng/ul	307293	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38





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Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

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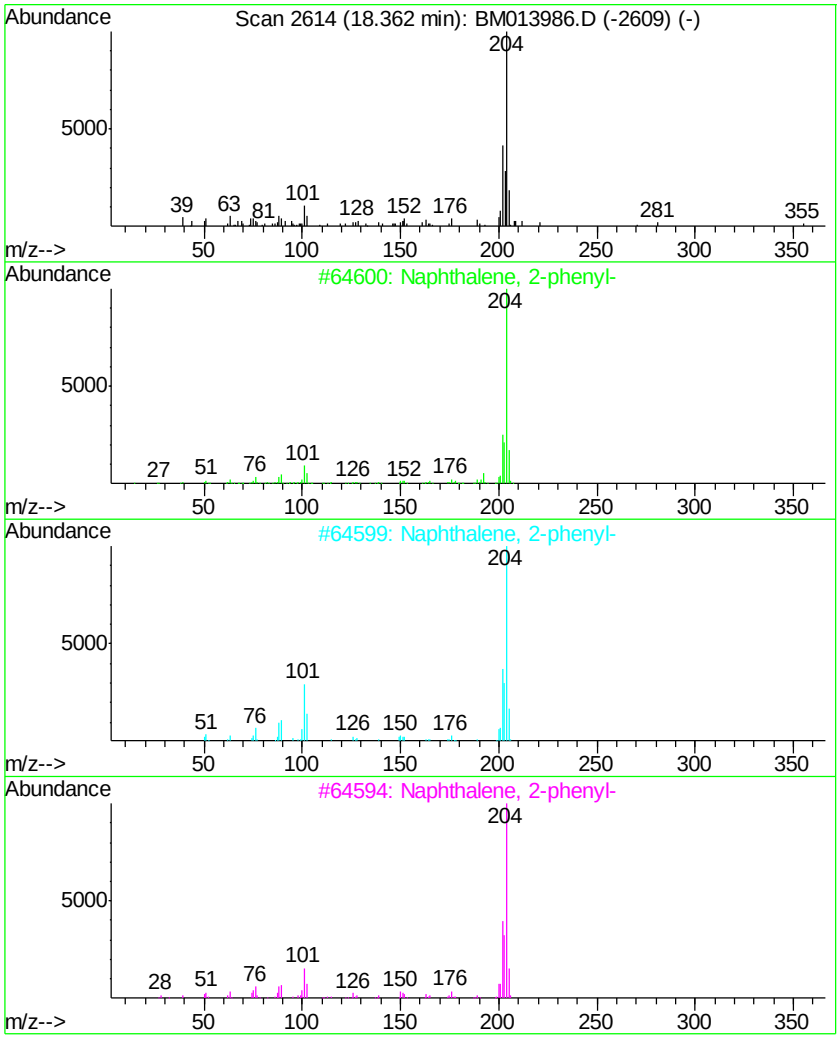
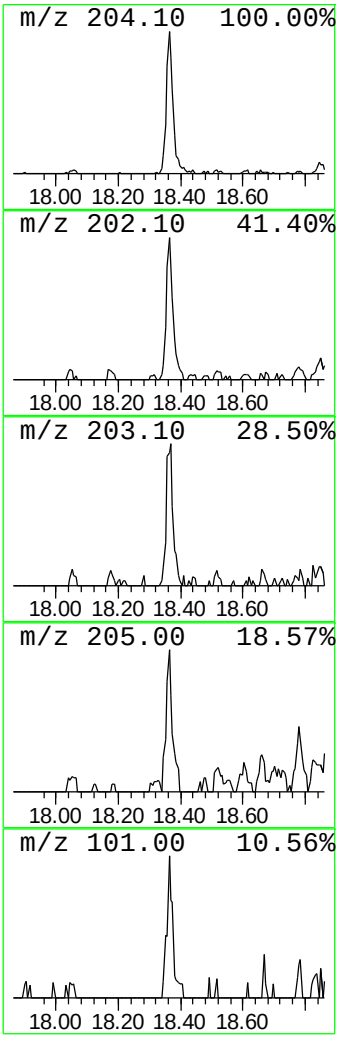
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.21 ng/ul	164334	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	9,10-Anthracenedimethanethiol	270	C16H14S2	059045-59-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012918\
Data File : BM013986.D
Acq On : 30 Jan 2018 08:04
Operator : SJ/JU
Sample : J1243-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B32DL

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
Isoquinoline	11.19	3.4	ng/ul	161911	2	10.34	947303	20.0
Naphthalene, 1-me...	12.24	11.6	ng/ul	548410	2	10.34	947303	20.0
Naphthalene, 2,6-...	13.38	2.8	ng/ul	233292	3	14.22	1699290	20.0
Naphthalene, 1,6-...	13.54	2.5	ng/ul	208709	3	14.22	1699290	20.0
Dibenzofuran, 4-m...	15.58	2.3	ng/ul	192607	3	14.22	1699290	20.0
2,4,6-Cycloheptat...	15.72	2.5	ng/ul	182405	4	16.97	1486230	20.0
(DEL) Alkane: Str...	15.95	4.1	ng/ul	302385	4	16.97	1486230	20.0
(4-Acetylphenyl)p...	16.02	2.9	ng/ul	214783	4	16.97	1486230	20.0
(DEL) Alkane: Str...	16.74	3.7	ng/ul	275516	4	16.97	1486230	20.0
Dibenzothiophene	16.80	3.6	ng/ul	267771	4	16.97	1486230	20.0
(DEL) Alkane: Str...	17.48	2.8	ng/ul	205595	4	16.97	1486230	20.0
Phenanthrene, 1-m...	17.86	2.5	ng/ul	189816	4	16.97	1486230	20.0
4H-Cyclopenta[def...	18.05	4.1	ng/ul	307293	4	16.97	1486230	20.0
Naphthalene, 2-ph...	18.36	2.2	ng/ul	164334	4	16.97	1486230	20.0