LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

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-BM113017.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	7.681	774	781	790	rBV	568421	915619	1.19%	0.153%
2	8.387	895	901	913	rBV	504500	840532	1.09%	0.140%
3	10.087	1183	1190	1198	rVB	565121	935960	1.21%	0.156%
4	10.463	1245	1254	1257	rBV	795879	1403593	1.82%	0.234%
5	10.516	1257	1263	1271	rVV	6709966	10971063	14.23%	1.833%
6	10.604	1271	1278	1292	rVB2	457111	1253610	1.63%	0.209%
7	12.128	1528	1537	1545	rVB	4052031	6481058	8.41%	1.083%
8	12.351	1566	1575	1586	rVB	2332824	3945843	5.12%	0.659%
9	13.151	1704	1711	1717	rBV	965957	1397673	1.81%	0.233%
10	13.351	1740	1745	1754	rVB	610685	1105715	1.43%	0.185%
11	13.480	1759	1767	1777	rBV	944407	2499756	3.24%	0.418%
12	13.645	1784	1795	1800	rBV	1412379	2802023	3.64%	0.468%
13	13.698	1800	1804	1807	rVV	960156	1459238	1.89%	0.244%
14	13.739	1807	1811	1816	rVB	1112100	1509687	1.96%	0.252%
15	13.880	1825	1835	1838	rBV2	652623	1248379	1.62%	0.209%
16	14.016	1852	1858	1861	rBV	1275148	1915542	2.49%	0.320%
17	14.233	1889	1895	1899	rBV	736316	948982	1.23%	0.159%
18	14.327	1899	1911	1916	rBV3	1321486	2603355	3.38%	0.435%
19	14.392	1916	1922	1929	rVV	9102619	13459441	17.46%	2.248%
20	14.539	1941	1947	1955	rVB2	905902	1968324	2.55%	0.329%
21	14.633	1955	1963	1968	rBV2	448220	868799	1.13%	0.145%
22	14.727	1968	1979	1986	rVV	6222315	9690227	12.57%	1.619%
23	14.804	1986	1992	1996	rVV	854303	1284822	1.67%	0.215%
24	14.874	1996	2004	2008	rVV4	775623	1401122	1.82%	0.234%
25	14.951	2013	2017	2022	rVV2	1198806	2143510	2.78%	0.358%
26	15.186	2054	2057	2062	rVB	1011422	1269415	1.65%	0.212%
27	15.321	2076	2080	2084	rVB	1434884	1864694	2.42%	0.311%
28	15.380	2084	2090	2095	rBV	6438798	9005919	11.68%	1.504%
29	15.469	2101	2105	2108	rBV3	1041449	1553942	2.02%	0.260%
30	15.504	2108	2111	2114	rVV2	942955	1133721	1.47%	0.189%
31	15.674	2135	2140	2148	rVB2	1598818	2920630	3.79%	0.488%
32	15.821	2157	2165	2173	rVB	1677888	3806208	4.94%	0.636%
33	16.051	2200	2204	2218	rVB	1891572	3000722	3.89%	0.501%
34	16.380	2255	2260	2265	rVV3	858427	1858591	2.41%	0.310%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

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-BM113017.M
Title : SVOA CALIBRATION

35	16.433	2265	2269	2274	rVB2	771426	1148214	1.49%	0.192%
36	16.651	2303	2306	2310	rVB2	749297	1031766	1.34%	0.172%
37	16.757	2315	2324	2331	rVV2	41829948	75026657	97.34%	12.533%
38	16.845	2331	2339	2343	rVV3	2387980	4566749	5.92%	0.763%
39	16.898	2343	2348	2359	rVB	2693041	4697800	6.09%	0.785%
40	17.086	2374	2380	2382	rBV2	1435788	2319552	3.01%	0.387%
41	17.139	2382	2389	2393	rVV2	33986589	53157602	68.97%	8.880%
42	17.186	2393	2397	2399	rVV3	2434933	3791250	4.92%	0.633%
43	17.227	2399	2404	2408	rVV	19122191	26488072	34.37%	4.425%
44	17.274	2408	2412	2417	rVB4	554249	940165	1.22%	0.157%
45	17.486	2439	2448	2460	rBV2	3588724	6194807	8.04%	1.035%
46	17.580	2460	2464	2472	rBV2	1661654	2923232	3.79%	0.488%
47	17.657	2473	2477	2481	rBV	1233133	1702309	2.21%	0.284%
48	17.951	2521	2527	2531	rVV	3267762	5062066	6.57%	0.846%
49	18.004	2531	2536	2542	rVV	4657847	6840337	8.87%	1.143%
50	18.080	2545	2549	2555	rVV	1505138	2369353	3.07%	0.396%
51	18.151	2555	2561	2565	rVV2	5619959	10125853	13.14%	1.691%
52	18.186	2565	2567	2572	rVB	1976078	2135384	2.77%	0.357%
53	18.274	2577	2582	2591	rBV3	1667685	2865050	3.72%	0.479%
54	18.351	2591	2595	2599	rVB	840946	1096313	1.42%	0.183%
55	18.457	2608	2613	2617	rBV2	1983212	3051892	3.96%	0.510%
56	18.504	2617	2621	2628	rVB	3024112	4489239	5.82%	0.750%
57	18.704	2646	2655	2659	rBV2	1191479	2406071	3.12%	0.402%
58	18.751	2659	2663	2667	rVV	965416	1397663	1.81%	0.233%
59	18.792	2667	2670	2675	rVB	856896	1230016	1.60%	0.205%
60	18.874	2679	2684	2688	rBV	1616119	2607648	3.38%	0.436%
61	18.915	2688	2691	2694	rVV	1568654	2279251	2.96%	0.381%
62	19.033	2705	2711	2716	rBV	3495891	5622526	7.29%	0.939%
63	19.080	2716	2719	2724	rBV2	662399	921226	1.20%	0.154%
64	19.162	2724	2733	2737	rVV2	45033381	77077776	100.00%	12.875%
65	19.209	2737	2741	2744	rVV	636494	869964	1.13%	0.145%
66	19.245	2744	2747	2752	rVB2	844123	1157540	1.50%	0.193%
67	19.357	2759	2766	2768	rBV3	793217	1525080	1.98%	0.255%
68	19.386	2768	2771	2775	rVB	1354418	1902722	2.47%	0.318%
69	19.521	2782	2794	2799	rBV3	33291034	67329899	87.35%	11.247%
70	19.580	2799	2804	2810	rVB2	1604306	2511208	3.26%	0.419%
71	19.686	2815	2822	2828	rBV	2253080	3455410	4.48%	0.577%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

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-BM113017.M
Title : SVOA CALIBRATION

72	19.745	2828	2832	2837	rVB	1240183	1956970	2.54%	0.327%
73	19.833	2840	2847	2853	rBV4	1823299	4716507	6.12%	0.788%
74	19.962	2864	2869	2871	rBV5	1472435	2305720	2.99%	0.385%
75	19.998	2872	2875	2879	rVB	2322556	3442928	4.47%	0.575%
76	20.104	2888	2893	2896	rBV2	1088686	1440253	1.87%	0.241%
77	20.156	2896	2902	2906	rVV2	2045660	3548146	4.60%	0.593%
78	20.198	2906	2909	2913	rVV	1176919	1350365	1.75%	0.226%
79	20.298	2922	2926	2929	rBV	1145597	1405237	1.82%	0.235%
80	20.345	2929	2934	2938	rVB3	1131930	1564177	2.03%	0.261%
81	20.751	2998	3003	3009	rVB	3275600	4115970	5.34%	0.688%
82	20.909	3024	3030	3034	rBV2	2165360	3778724	4.90%	0.631%
83	20.951	3034	3037	3040	rVV	2033405	2590851	3.36%	0.433%
84	20.992	3040	3044	3049	rVV2	1964066	3327613	4.32%	0.556%
85	21.051	3049	3054	3064	rVB	2941430	4521573	5.87%	0.755%
86	21.151	3064	3071	3076	rBV2	560069	1366512	1.77%	0.228%
87	21.256	3081	3089	3094	rVV2	10140420	18310221	23.76%	3.059%
88	21.309	3094	3098	3108	rVB	9991146	13554272	17.59%	2.264%
89	21.574	3139	3143	3148	rBV2	719507	1149975	1.49%	0.192%
90	21.815	3180	3184	3188	rVB	907406	1117262	1.45%	0.187%
91	21.868	3189	3193	3199	rVB3	594637	1019563	1.32%	0.170%
92	22.292	3261	3265	3278	rVB	526167	1100532	1.43%	0.184%
93	22.568	3307	3312	3325	rVB5	460750	1189584	1.54%	0.199%
94	22.833	3350	3357	3362	rBV2	4027050	9426190	12.23%	1.575%
95	23.303	3432	3437	3441	rBV	1442212	2522045	3.27%	0.421%
96	23.356	3441	3446	3449	rVV2	1593736	2899313	3.76%	0.484%
97	23.397	3449	3453	3461	rVB	1704238	3007049	3.90%	0.502%
98	23.497	3463	3470	3474	rVV	1628437	3122231	4.05%	0.522%
99	23.544	3475	3478	3486	rVB2	604372	1117717	1.45%	0.187%
100	25.727	3842	3849	3862	rVB3	580347	1901625	2.47%	0.318%

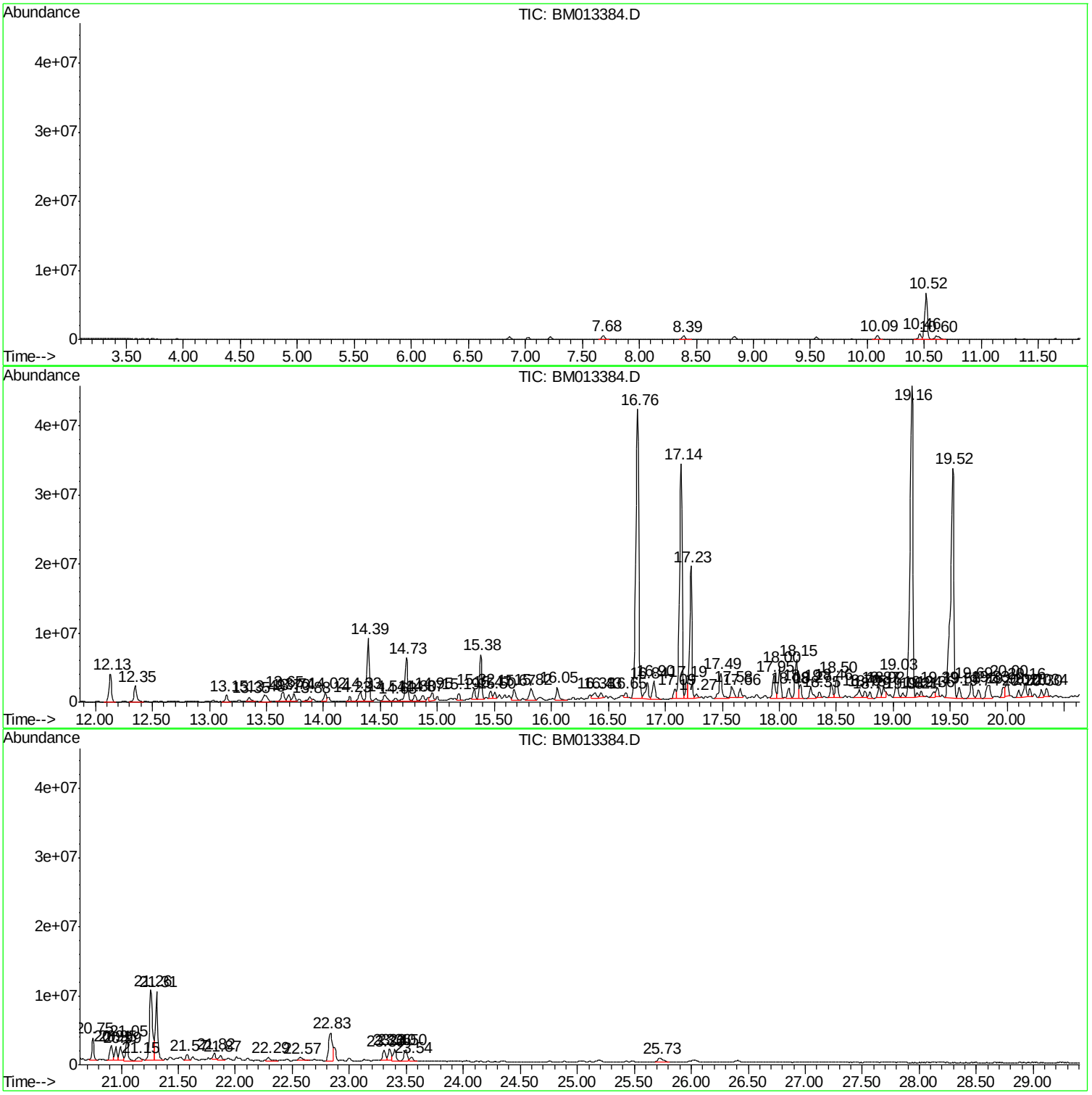
Sum of corrected areas: 598654502

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

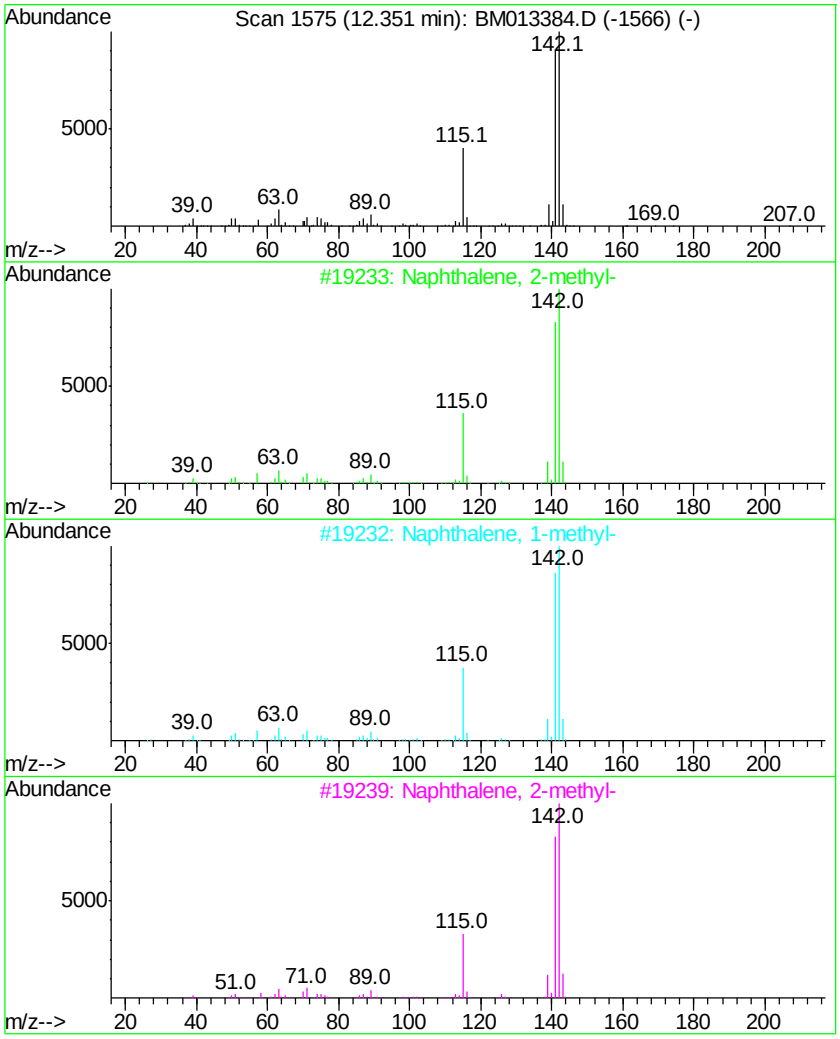
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

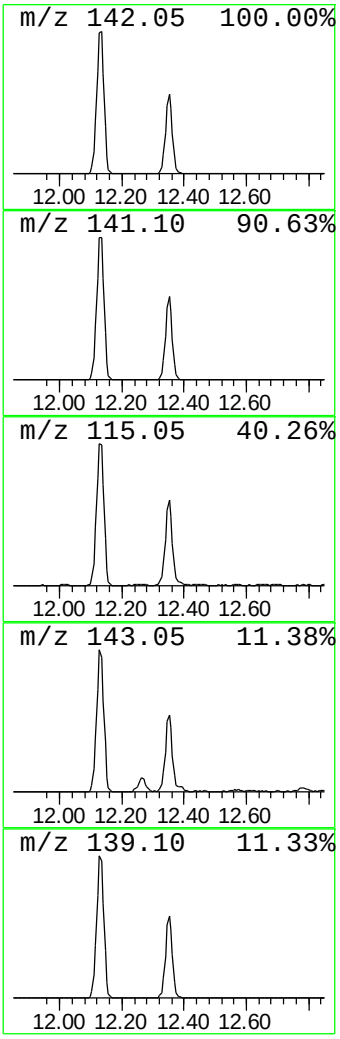
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	56.22 ng/ul	3945840	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

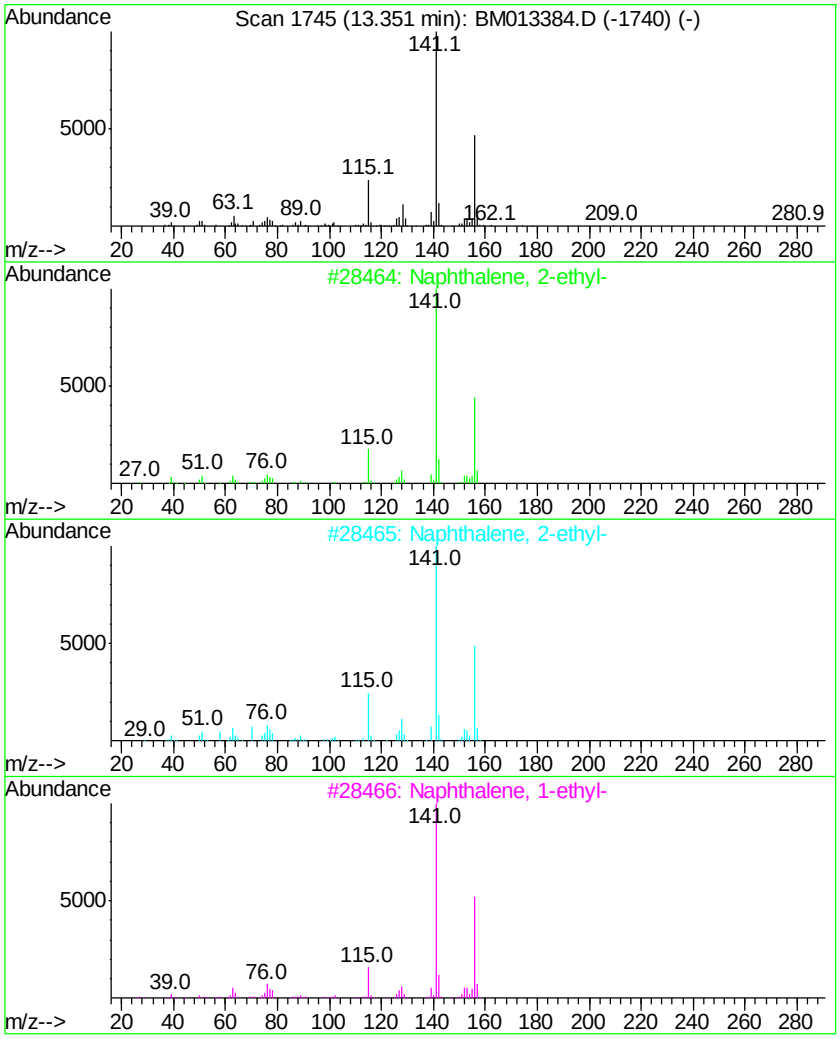
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

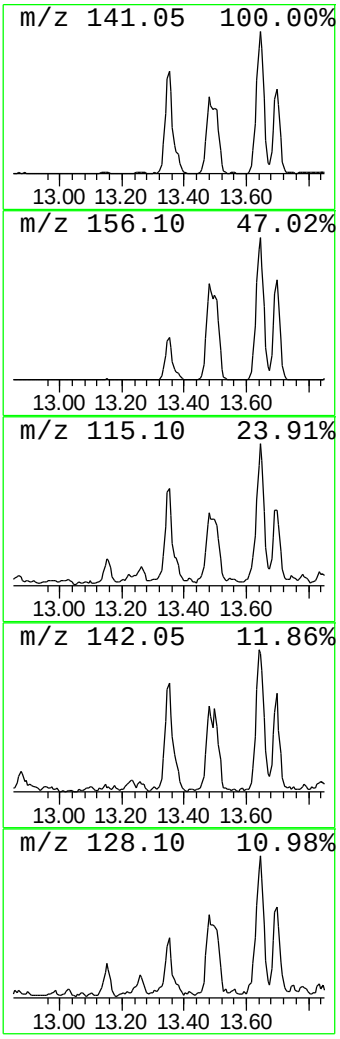
****

Peak Number 2 Naphthalene, 2-ethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	8.49 ng/ul	1105720	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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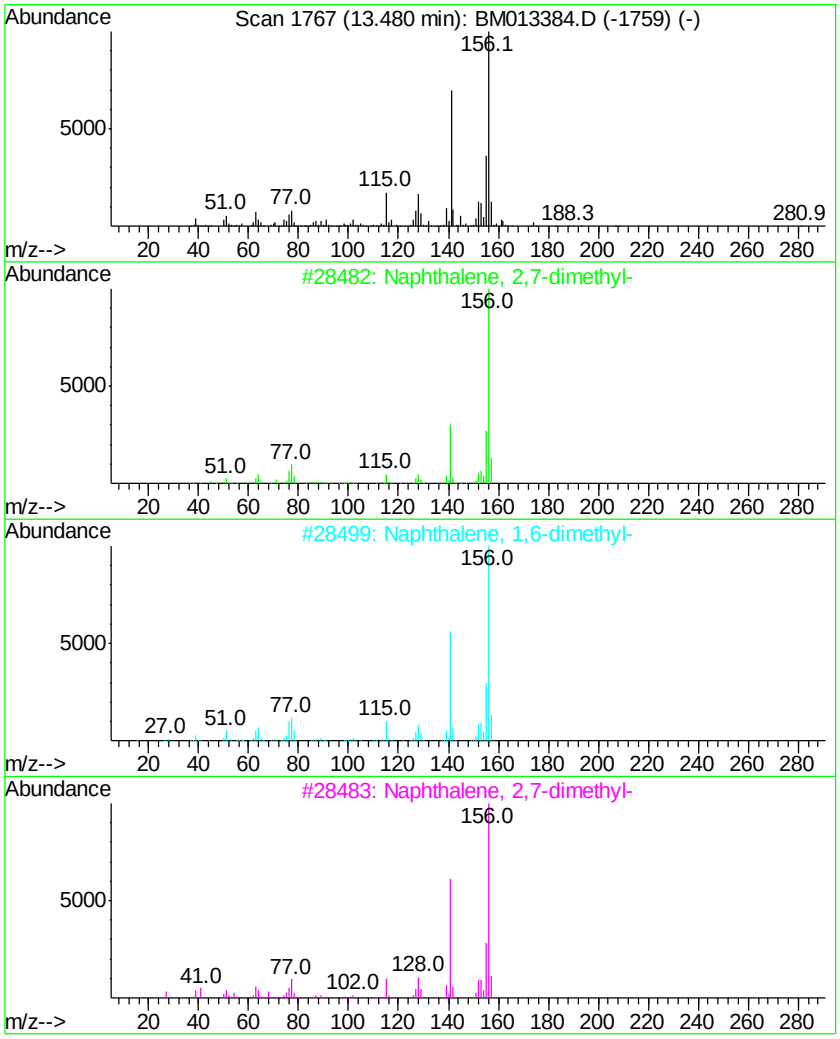
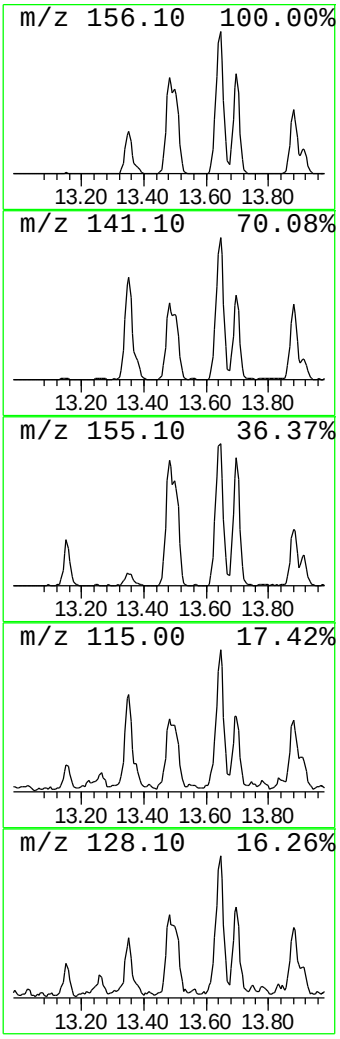
Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	19.20 ng/ul	2499760	Acenaphthene-d10	14.33

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





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

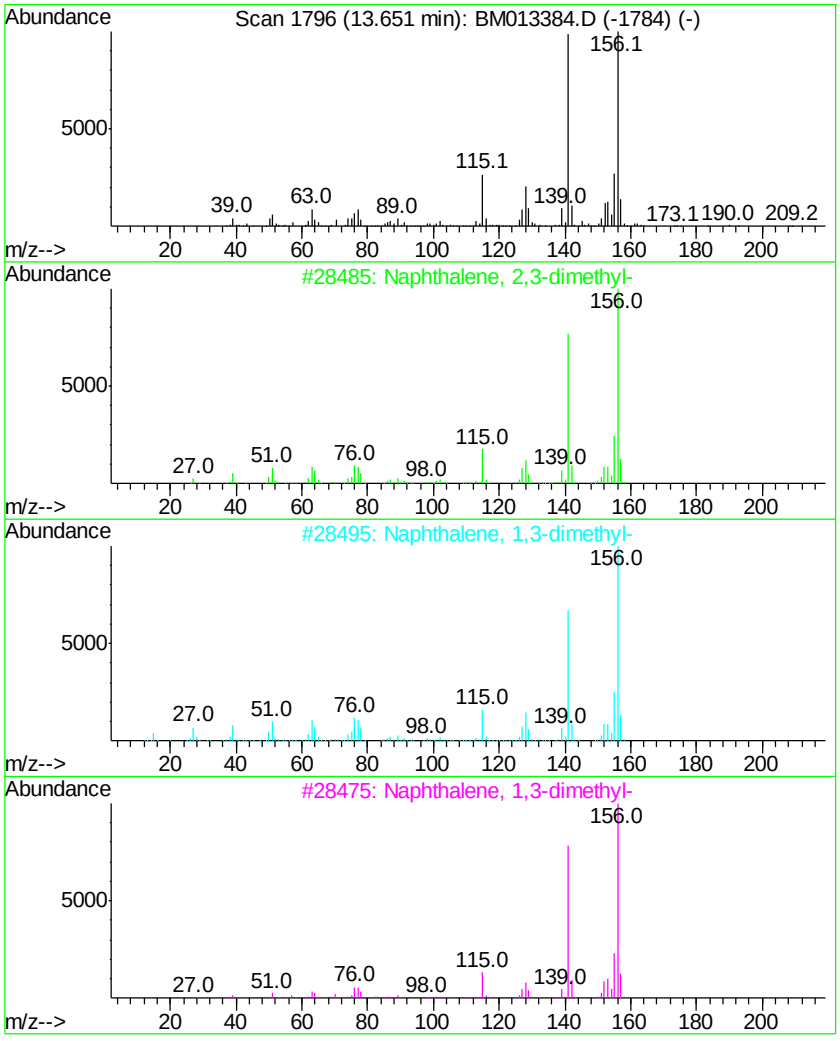
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

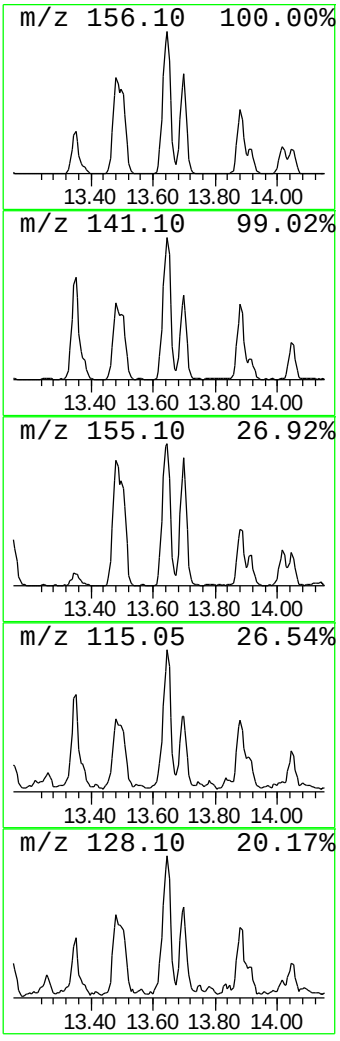
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	21.53 ng/ul	2802020	Acenaphthene-d10	14.33

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, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

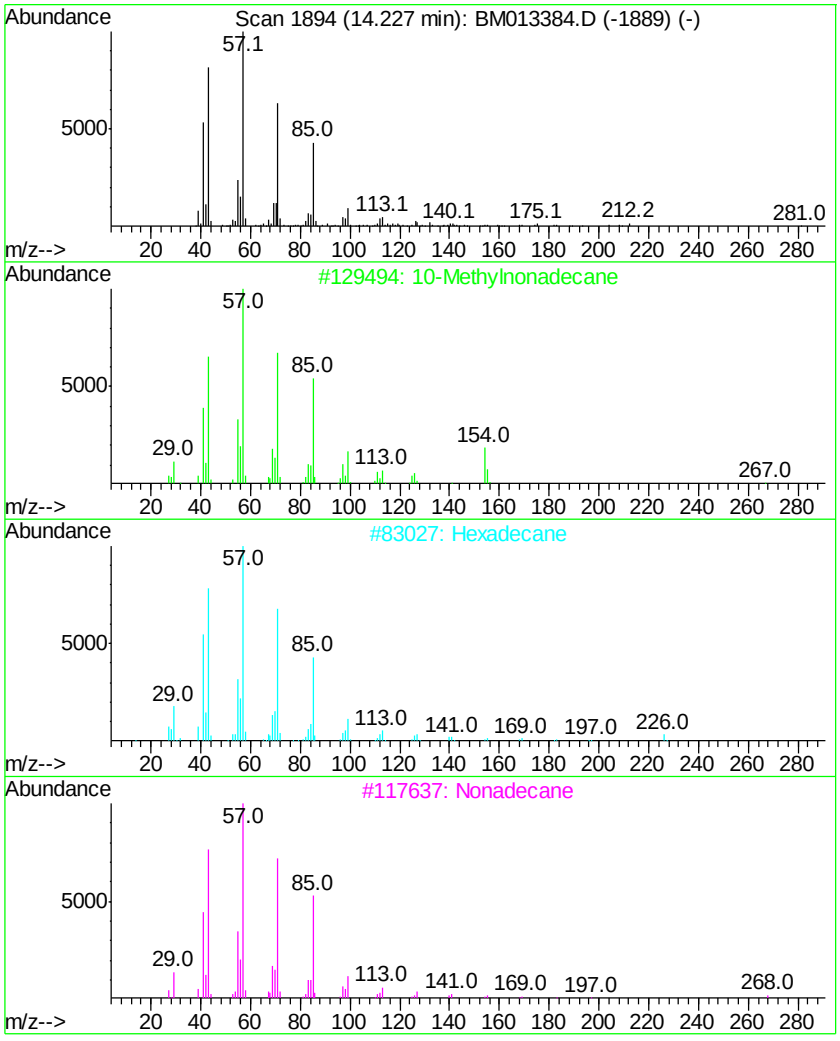
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

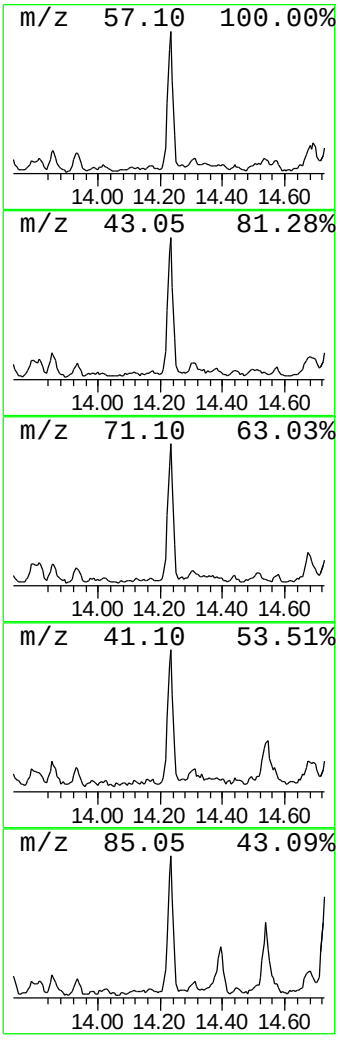
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	7.29 ng/ul	948982	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86





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Operator : SJ/JU
Sample : I6759-11ME
Misc :
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Instrument : BNA_M
ClientSampleId : F9A19ME

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Quant Title : SVOA CALIBRATION

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

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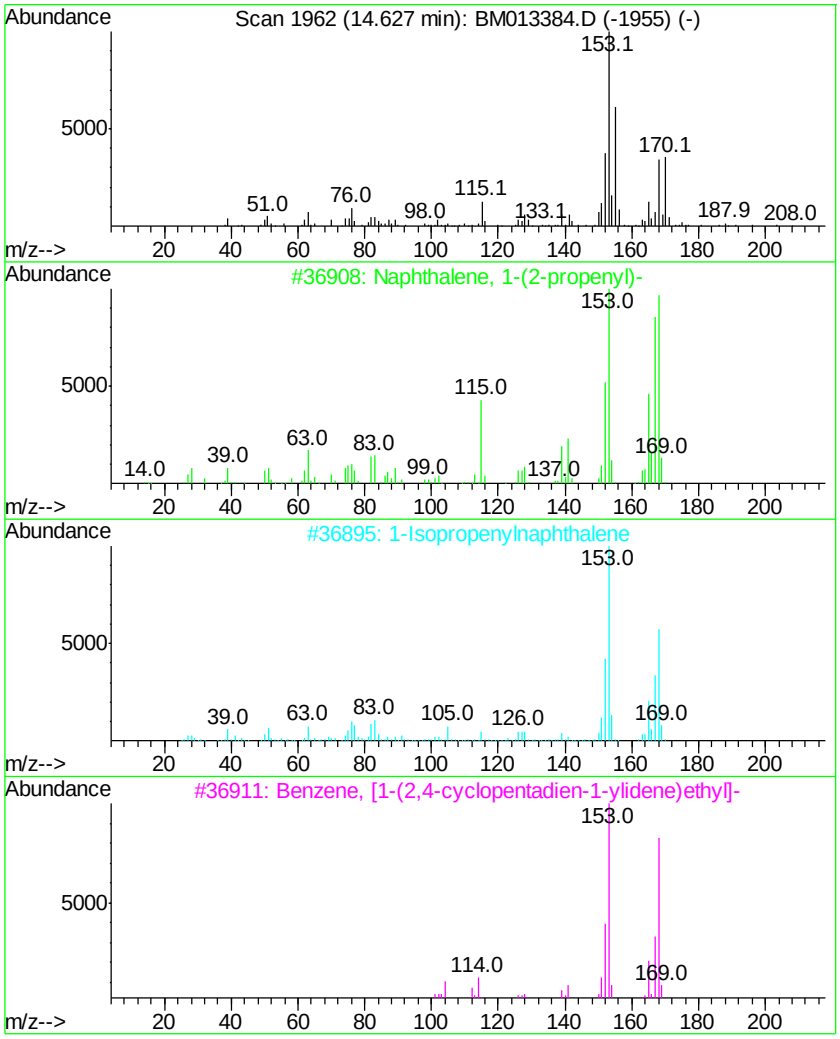
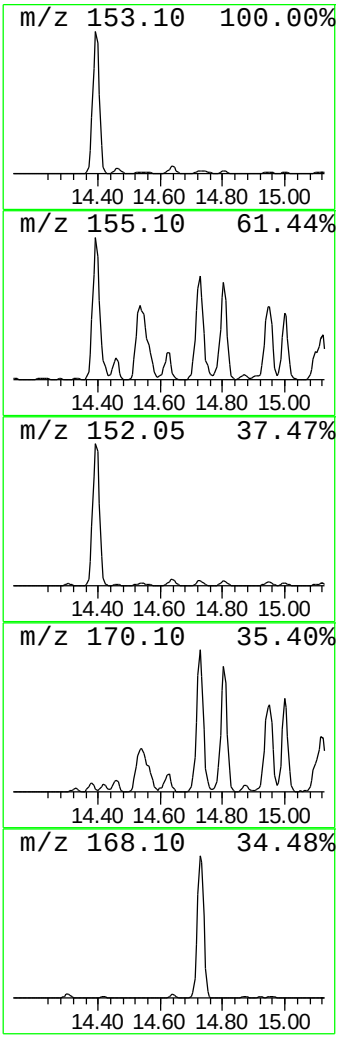
Peak Number 7 Naphthalene, 1-(2-propenyl)- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	6.67 ng/ul	868799	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	59
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	53
3	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	53
4	Benzene, 2-chloro-1-methyl-4-(1-...	168	C10H13Cl	004395-79-3	53
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50





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Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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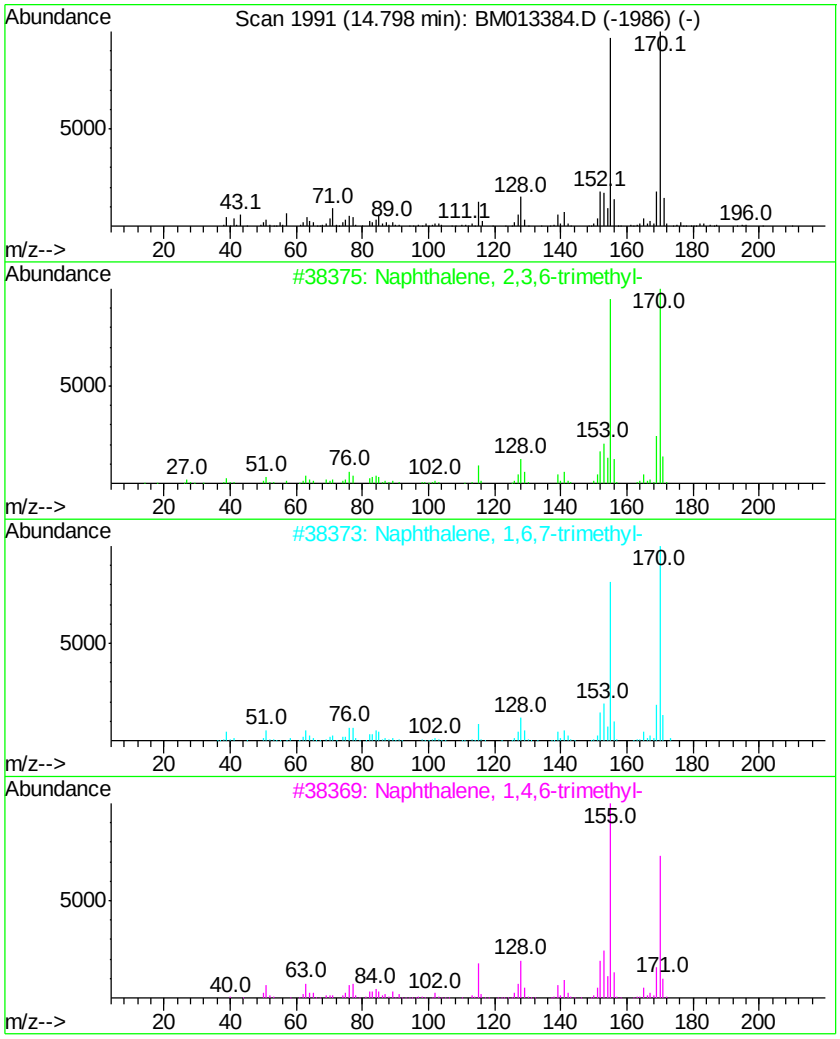
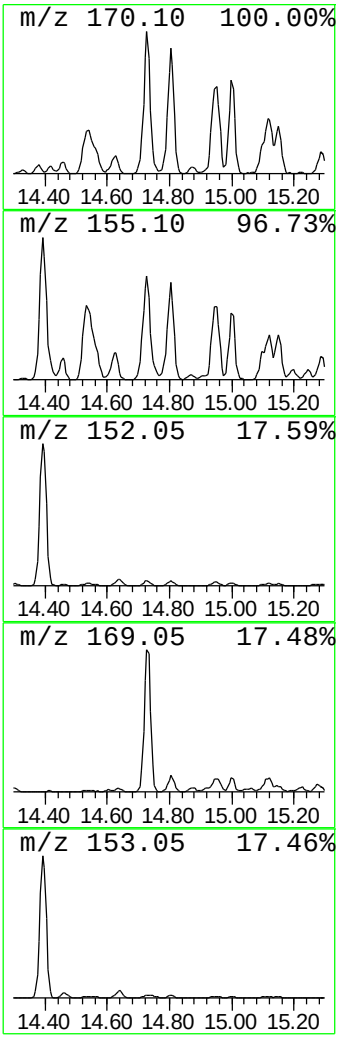
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	9.87 ng/ul	1284820	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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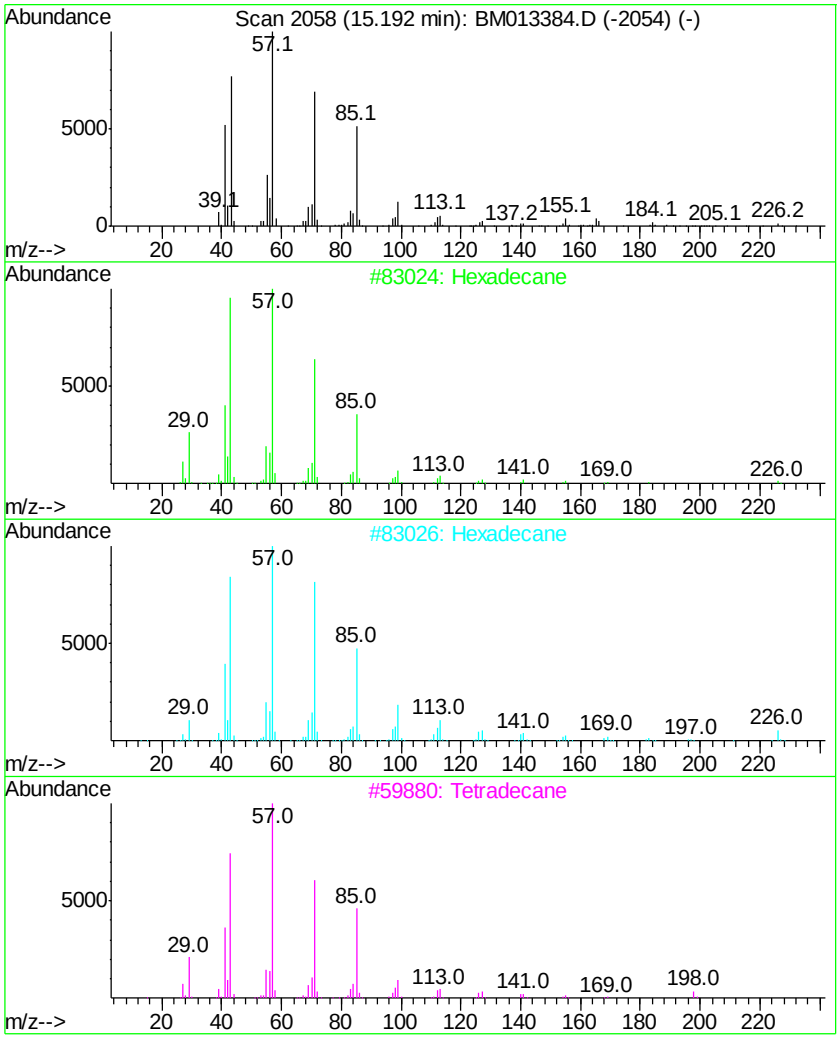
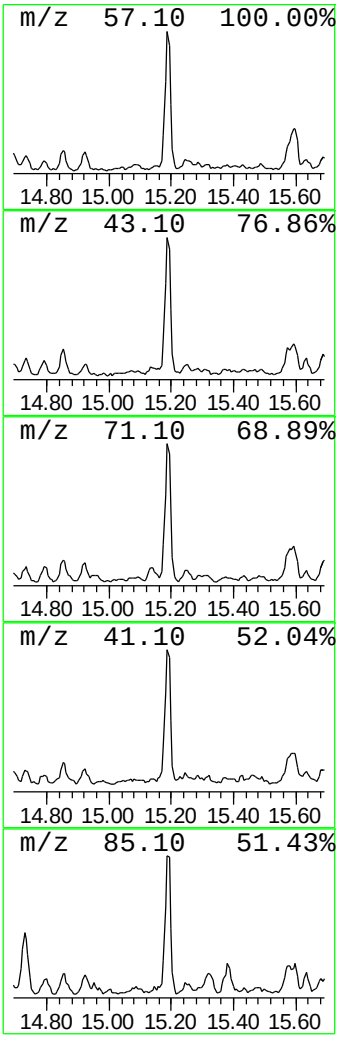
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	9.75 ng/ul	1269420	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tetradecane	198	C14H30	000629-59-4	90





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Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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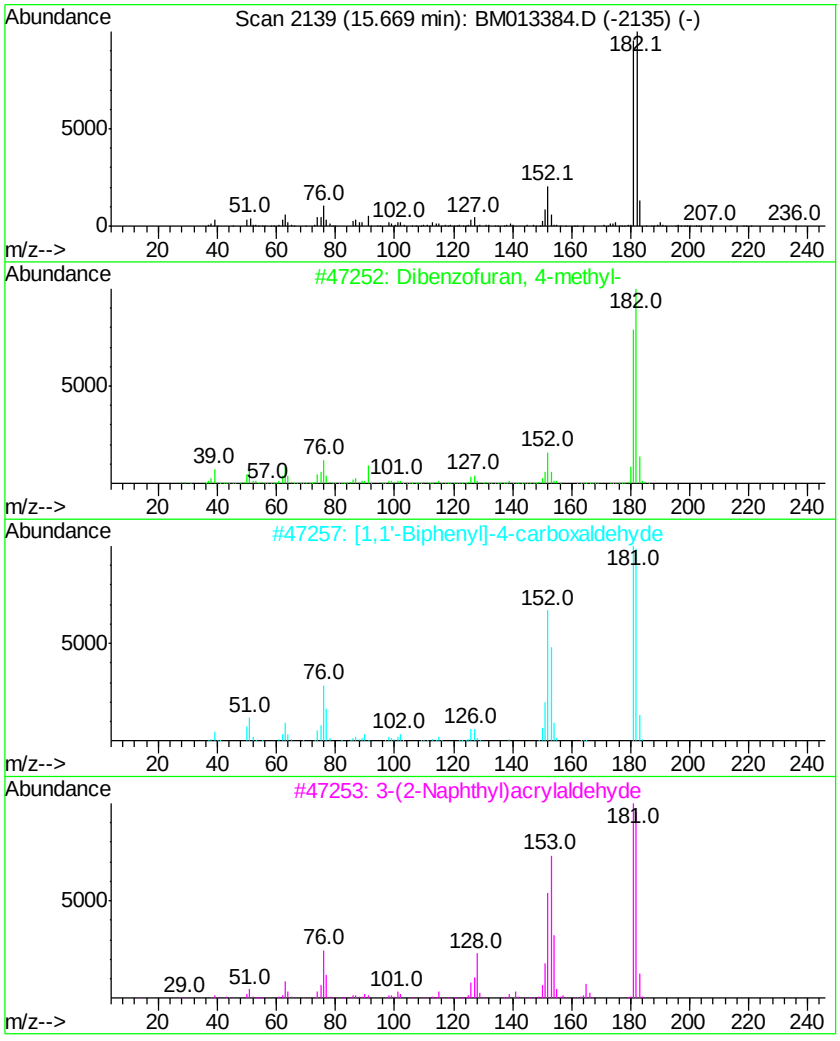
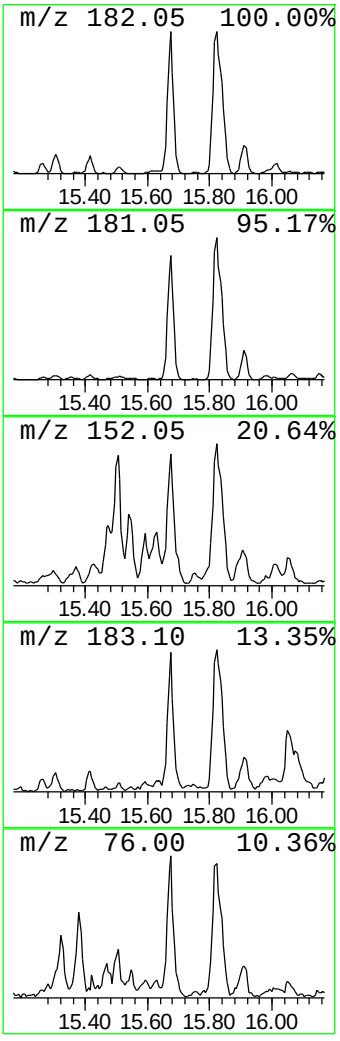
Peak Number 11 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	22.44 ng/ul	2920630	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	80
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	62





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

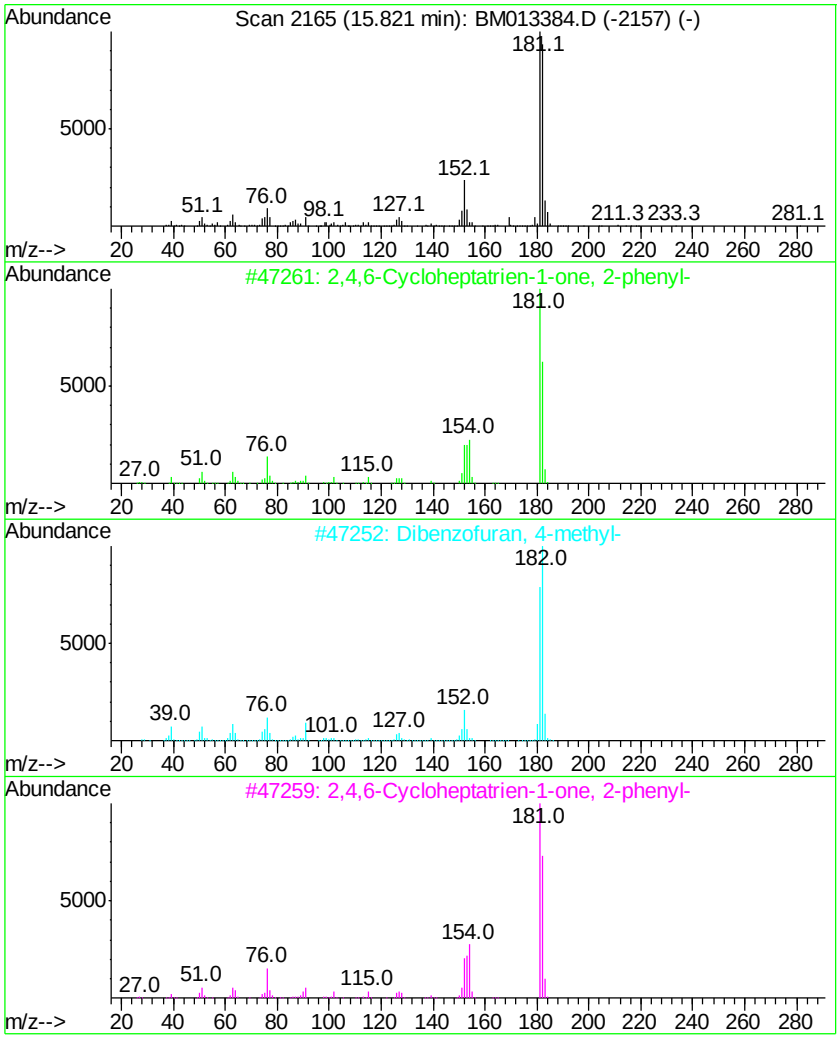
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

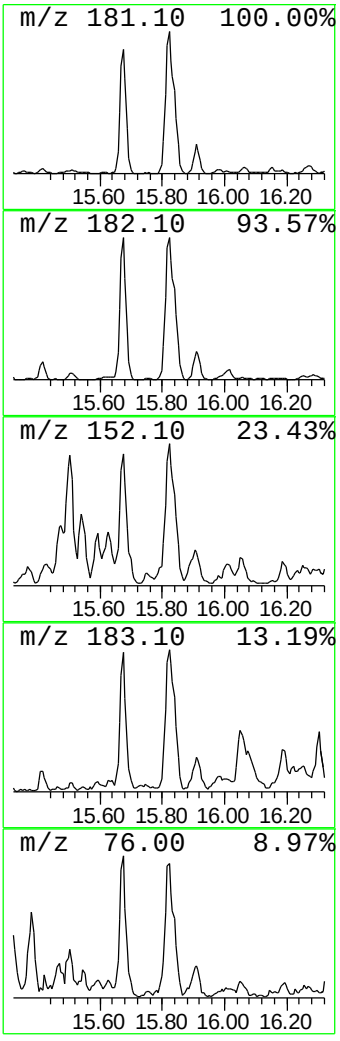
****

Peak Number 12 2,4,6-Cycloheptatrien-1-one... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	32.82 ng/ul	3806210	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74





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ClientSampleId : F9A19ME

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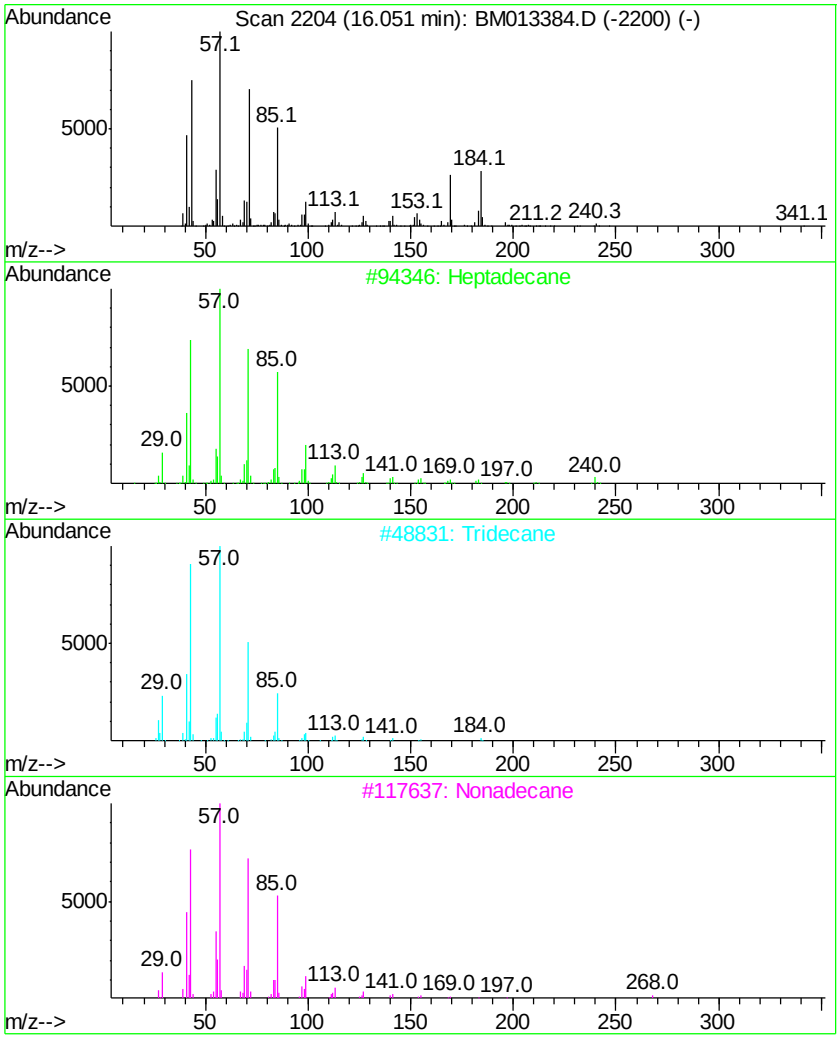
Quant Title : SVOA CALIBRATION

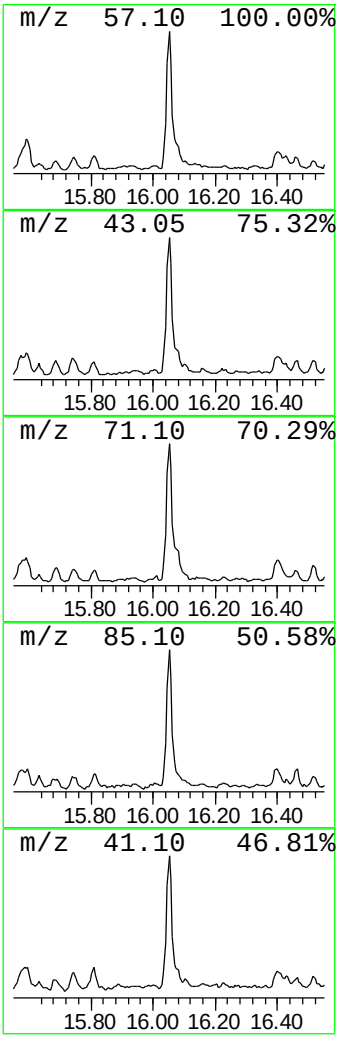
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	25.87 ng/ul	3000720	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	68
3	Nonadecane	268	C19H40	000629-92-5	64
4	Tridecane	184	C13H28	000629-50-5	64
5	Octadecane	254	C18H38	000593-45-3	62





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Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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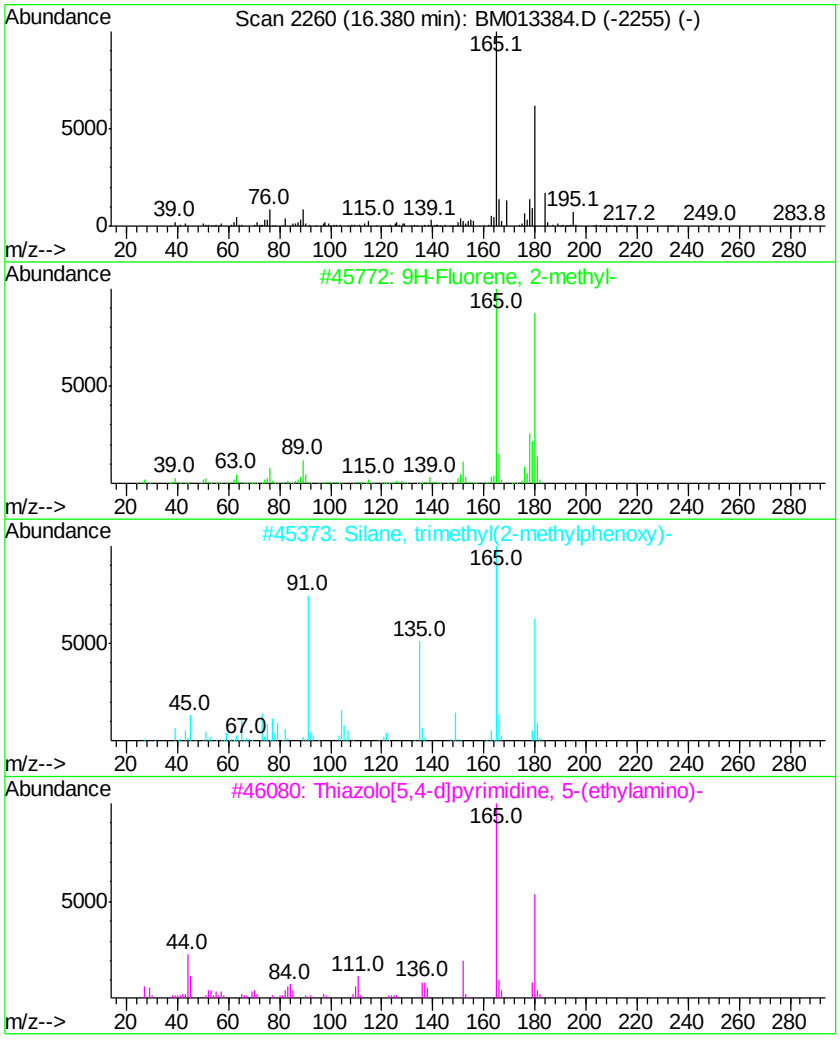
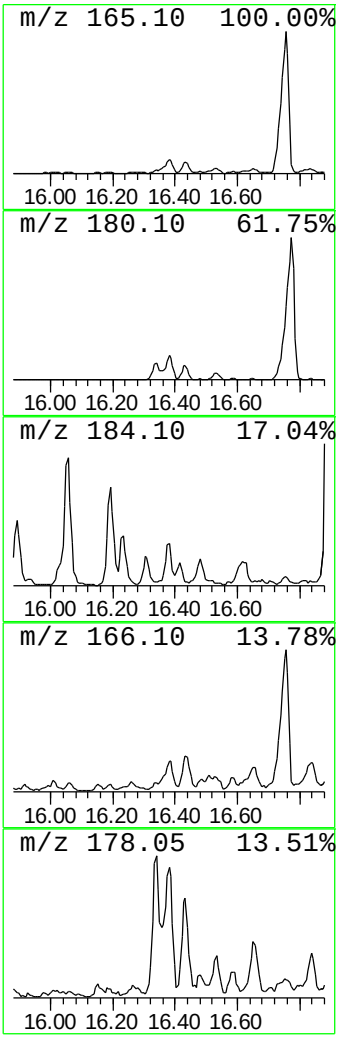
Peak Number 14 9H-Fluorene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	16.03 ng/ul	1858590	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	62
2	Silane, trimethyl(2-methylphenoxy)-	180	C10H16OSi	001009-02-5	59
3	Thiazolo[5,4-d]pyrimidine, 5-(et...	180	C7H8N4S	019835-21-3	59
4	1,3-Phenylenediamine, N-trimethy...	180	C9H16N2Si	1000374-68-0	59
5	Ethanone, 1-(3,4-dimethoxyphenyl)-	180	C10H12O3	001131-62-0	58





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Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

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Quant Title : SVOA CALIBRATION

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

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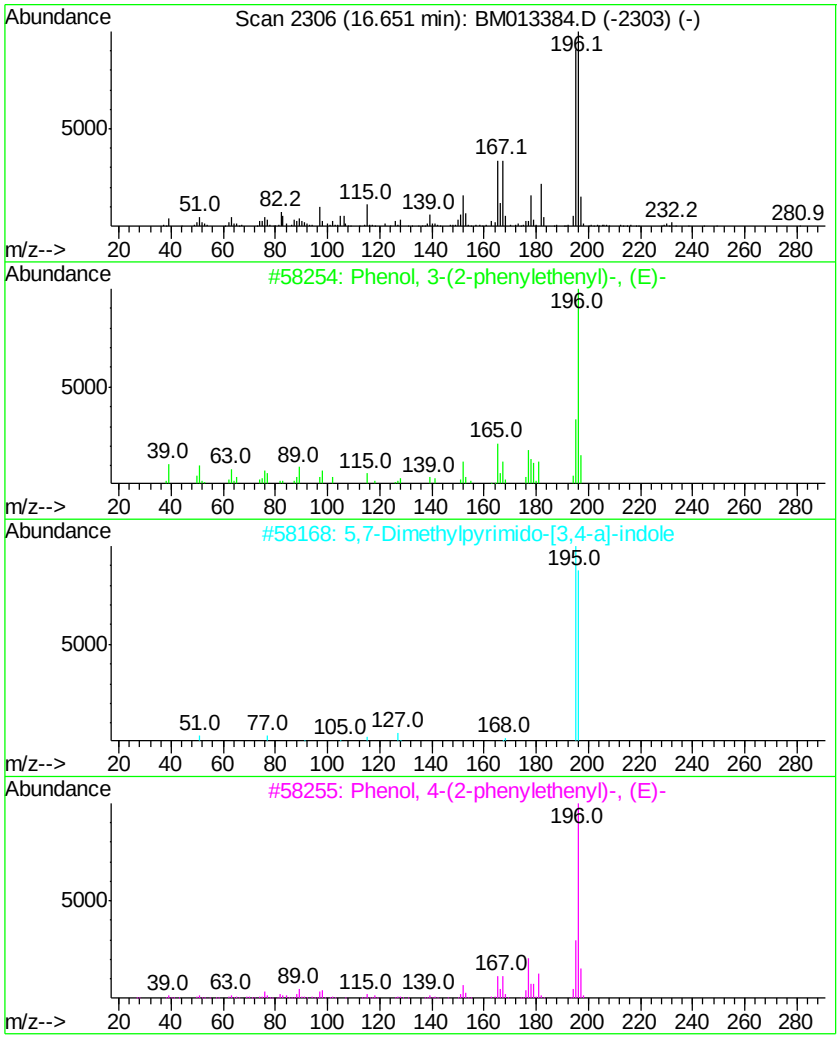
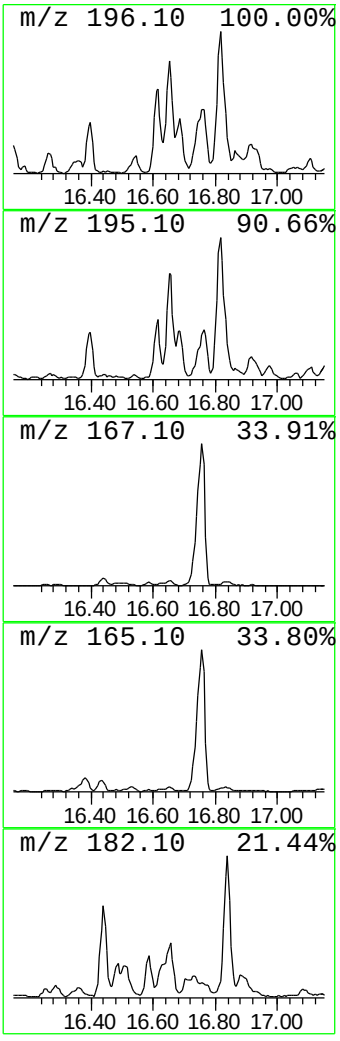
Peak Number 16 Phenol, 3-(2-phenylethenyl)... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	8.90 ng/ul	1031770	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	64
2	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	47
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	47
4	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	43
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	43





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

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Quant Title : SVOA CALIBRATION

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

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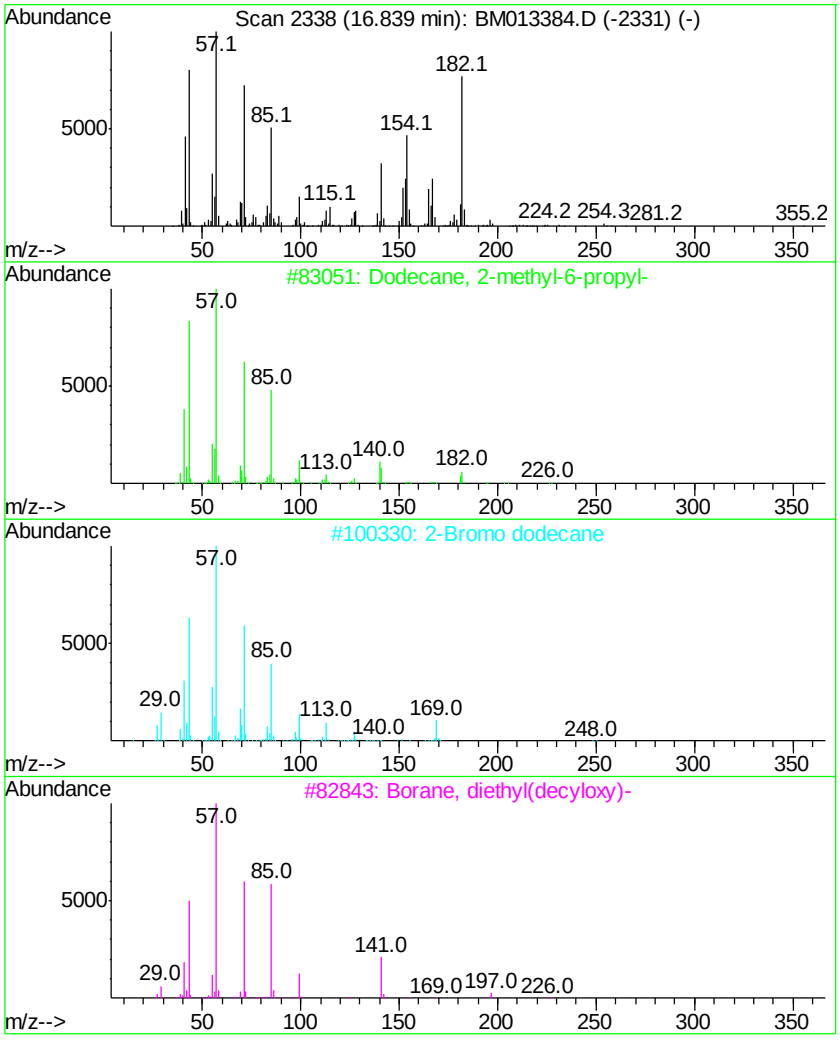
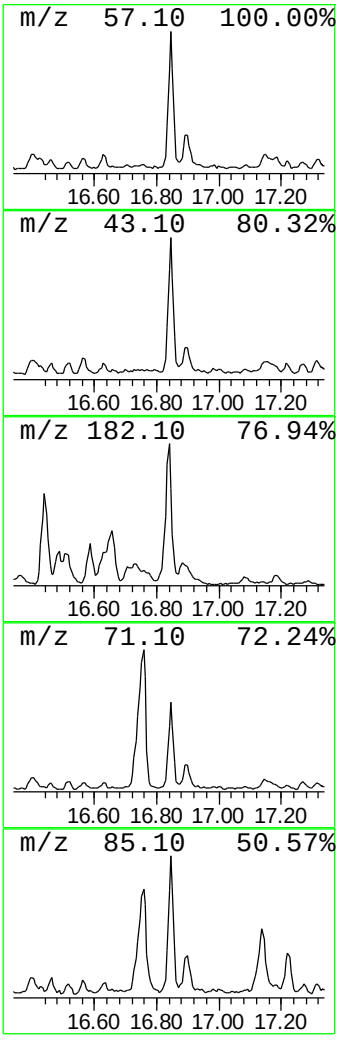
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	39.38 ng/ul	4566750	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	70
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
3	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	49
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	45
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	45





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Misc :
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Instrument : BNA_M
ClientSampleId : F9A19ME

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Quant Title : SVOA CALIBRATION

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

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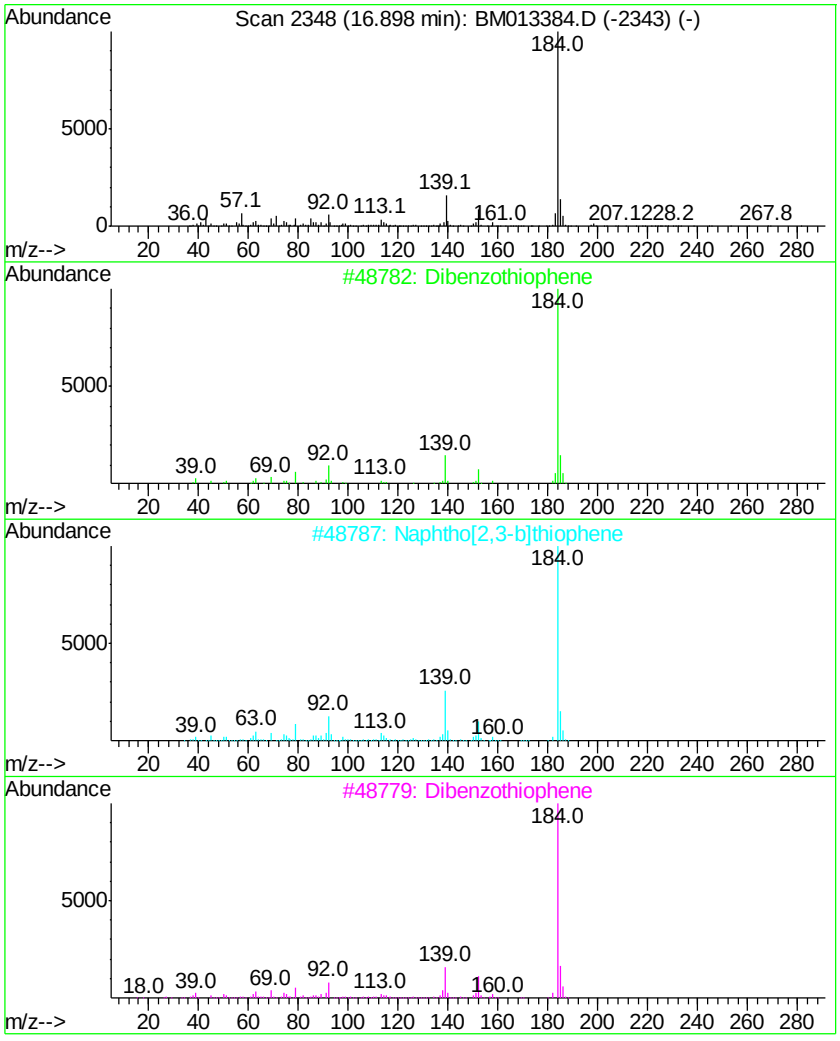
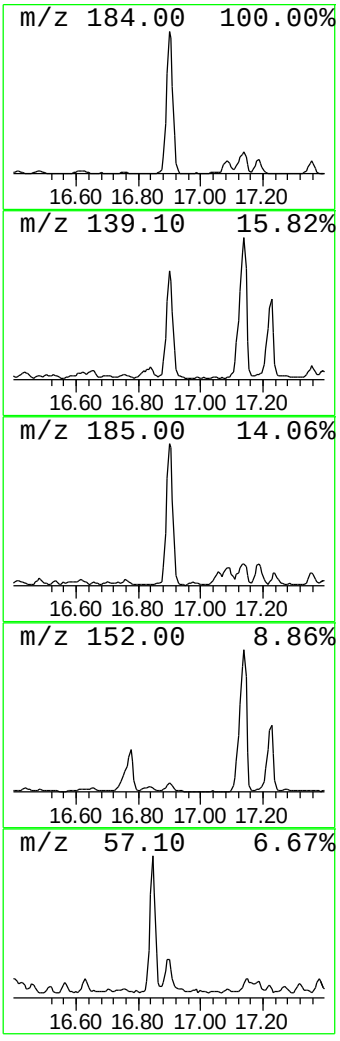
Peak Number 18 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	40.51 ng/ul	4697800	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Misc :
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ClientSampleId : F9A19ME

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Quant Title : SVOA CALIBRATION

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

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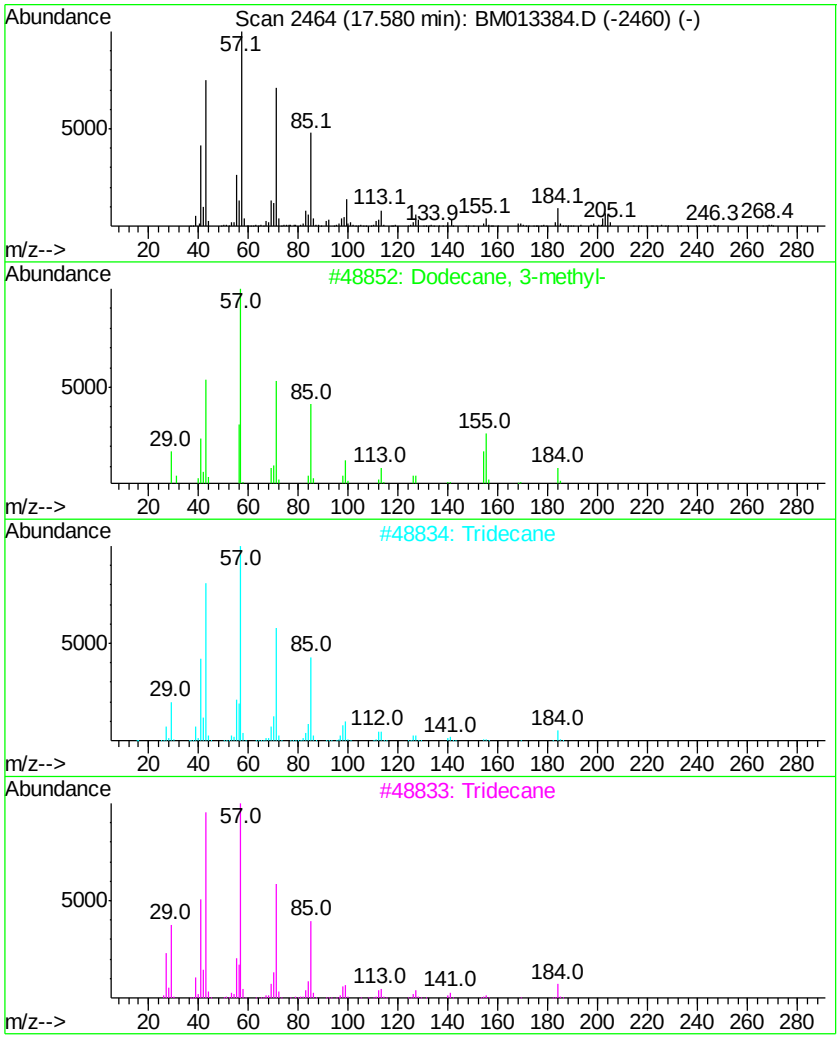
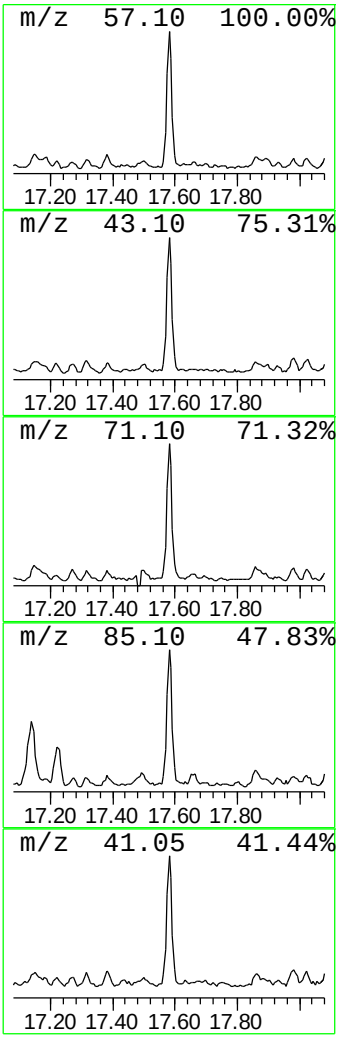
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	25.21 ng/ul	2923230	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	83
2	Tridecane	184	C13H28	000629-50-5	83
3	Tridecane	184	C13H28	000629-50-5	83
4	Tridecane	184	C13H28	000629-50-5	80
5	Pentadecane	212	C15H32	000629-62-9	74





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Operator : SJ/JU
Sample : I6759-11ME
Misc :
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Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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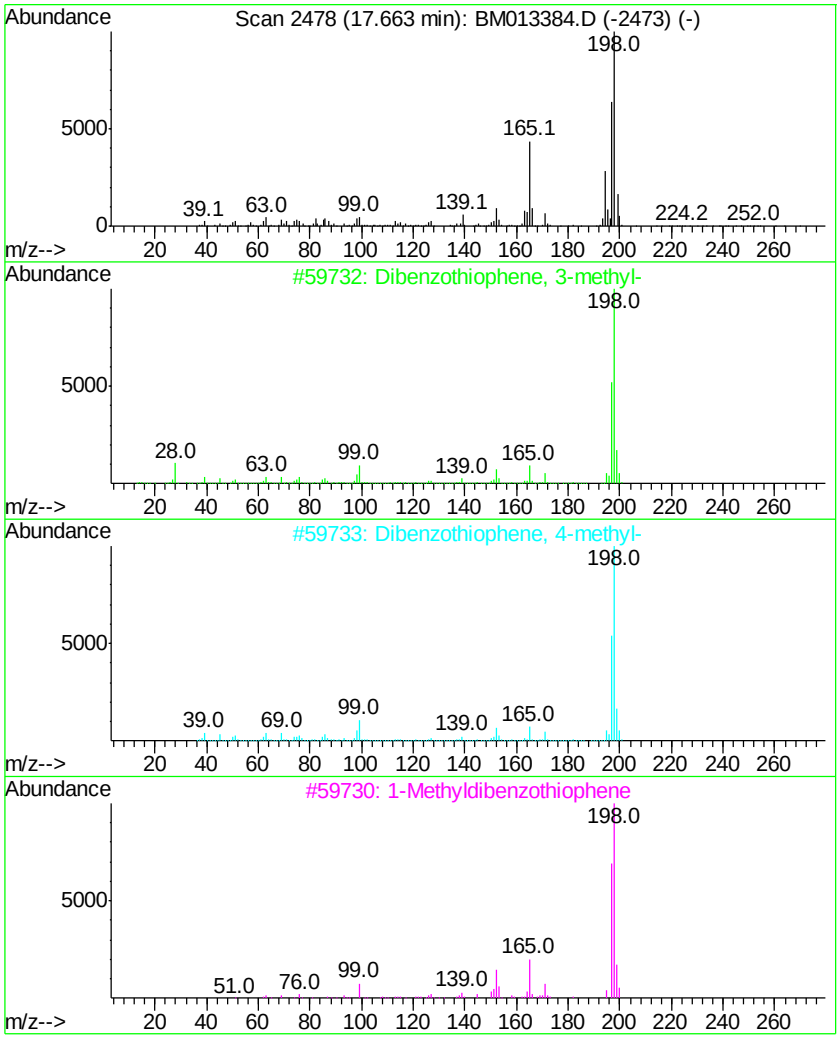
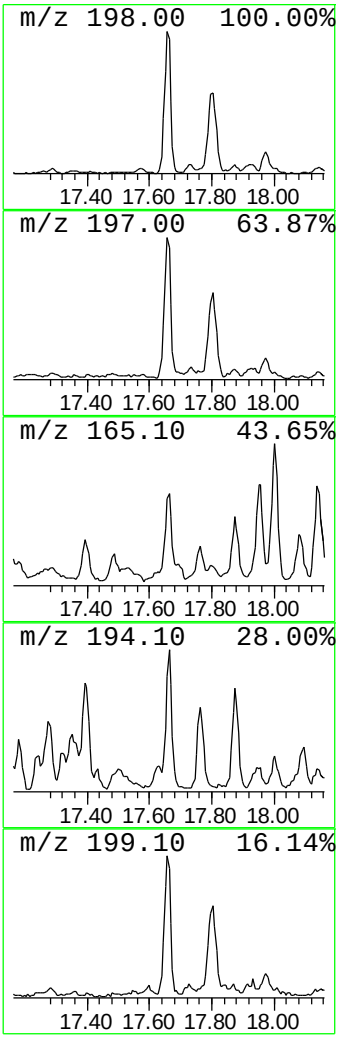
Peak Number 20 Dibenzothiophene, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	14.68 ng/ul	1702310	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	89
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	76
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	62
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	62
5	Thioxanthene	198	C13H10S	000261-31-4	58





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Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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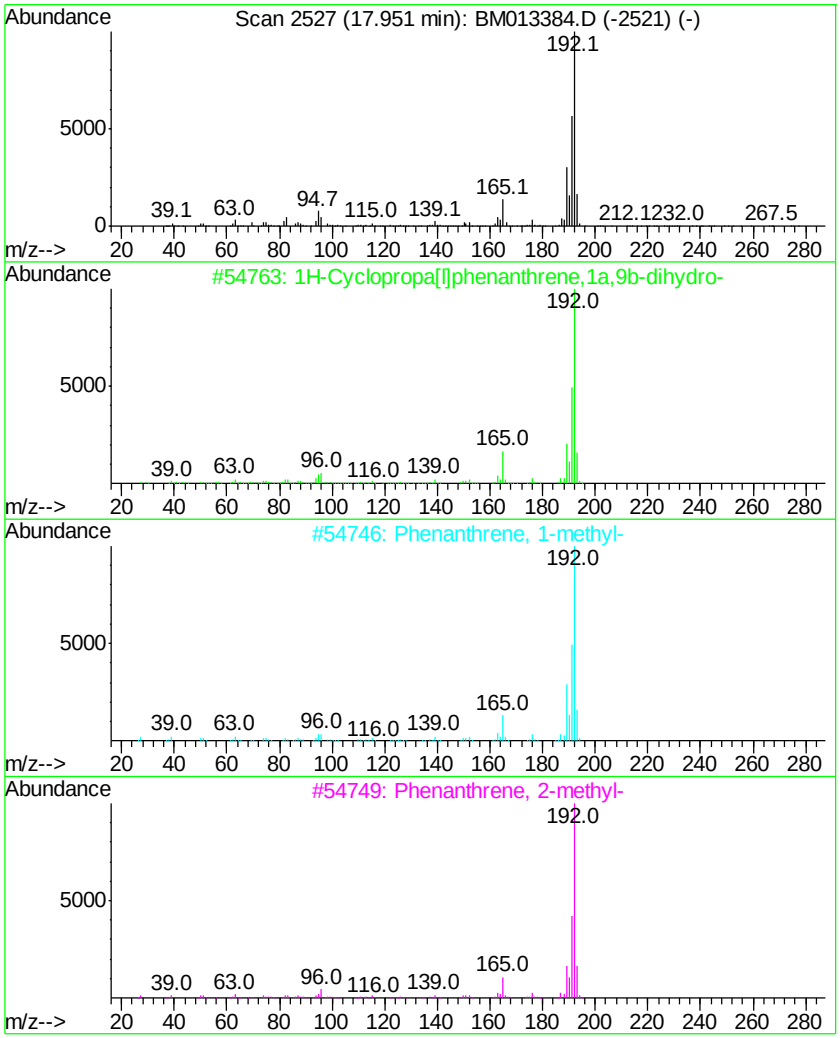
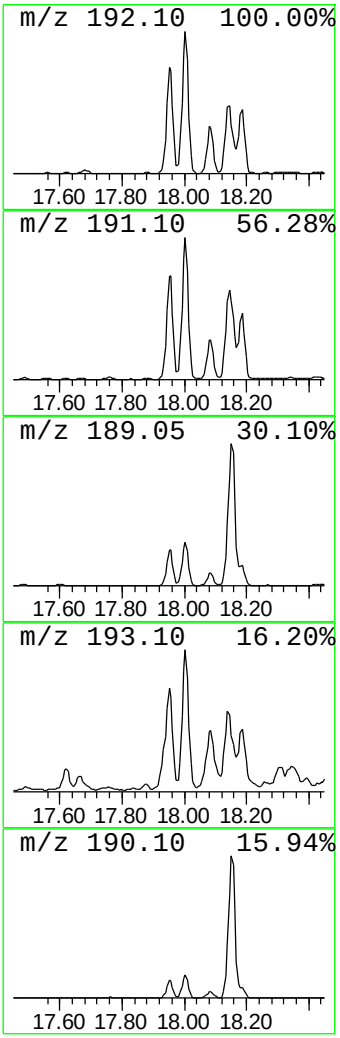
Peak Number 21 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	43.65 ng/ul	5062070	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

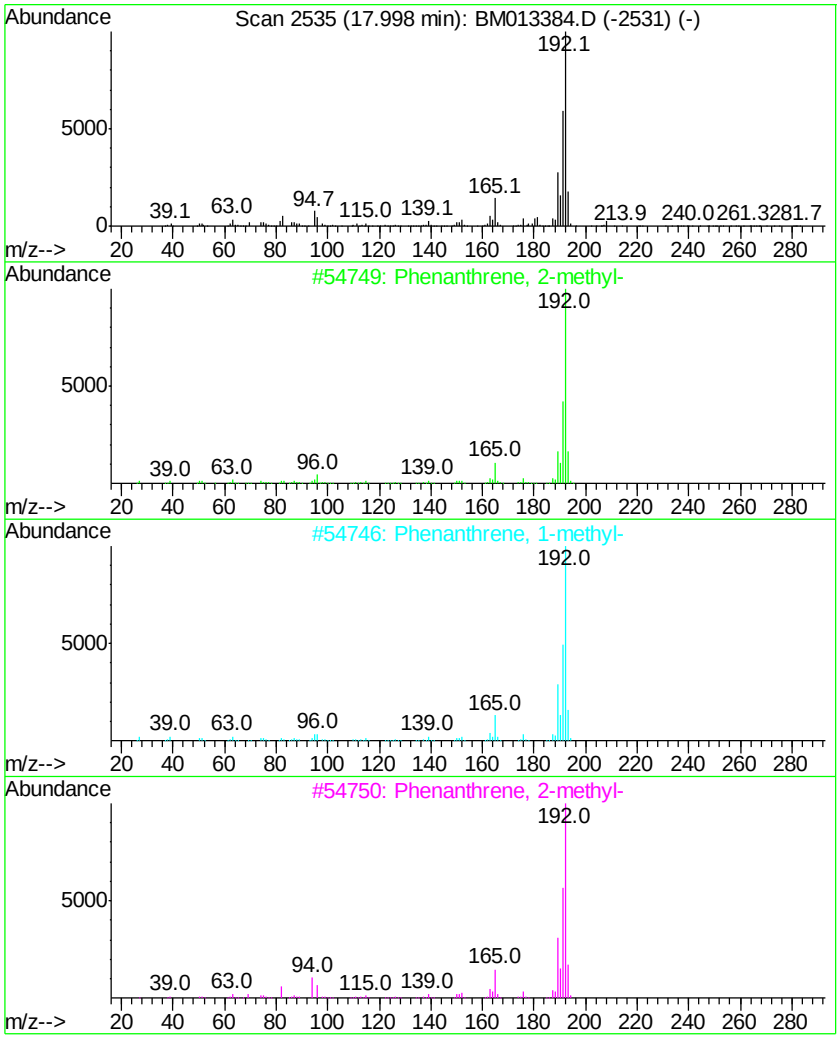
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

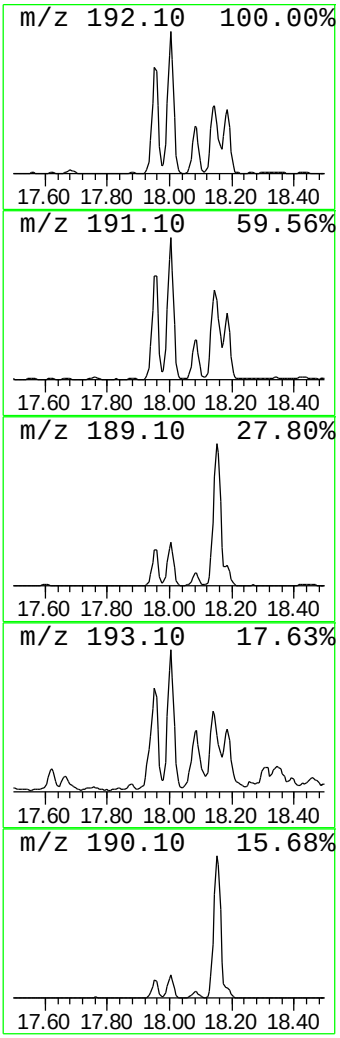
****

Peak Number 22 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	58.98 ng/ul	6840340	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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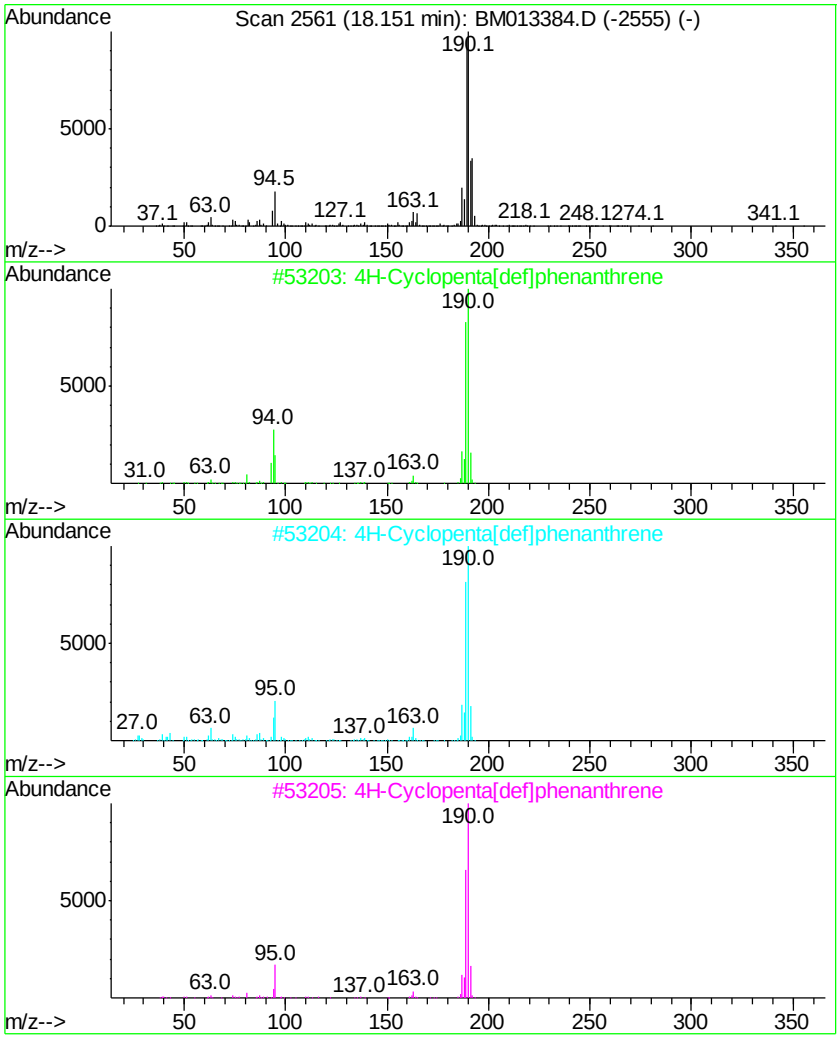
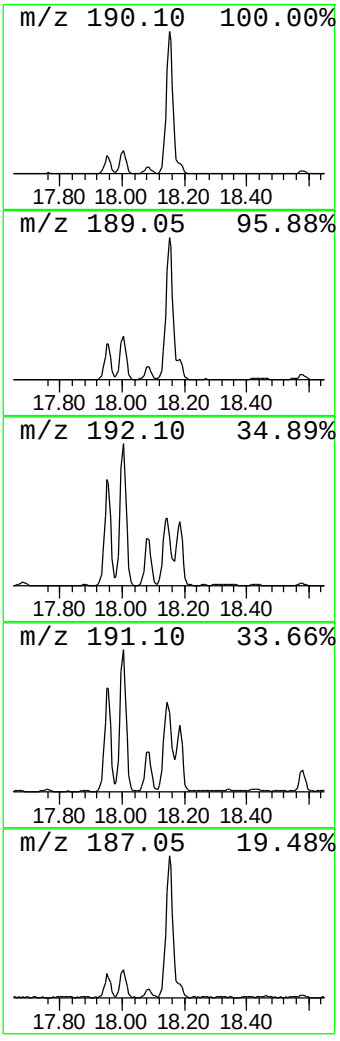
Peak Number 24 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	87.31 ng/ul	10125900	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





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Misc :
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Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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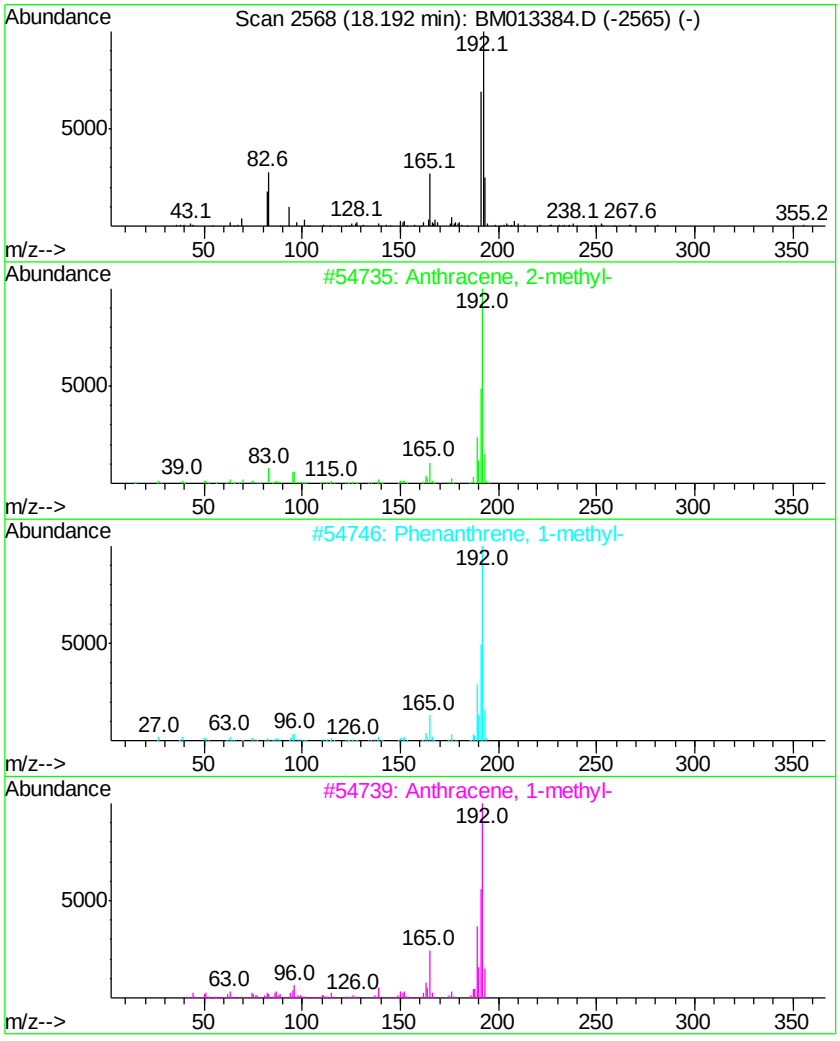
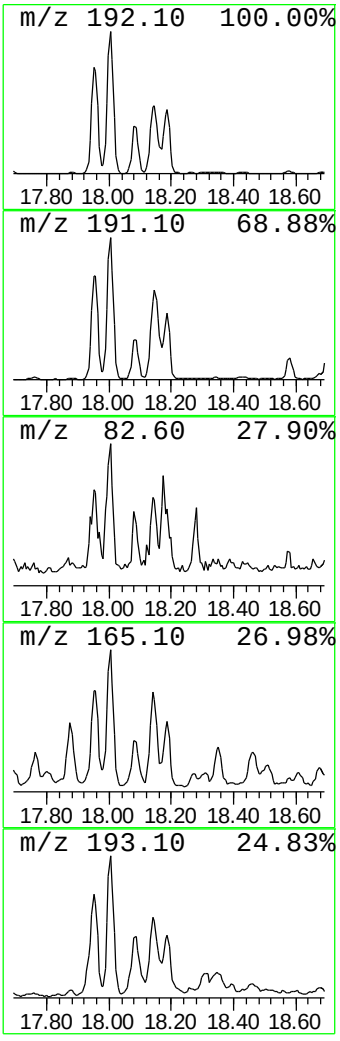
Peak Number 25 Anthracene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	18.41 ng/ul	2135380	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





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Misc :
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Instrument : BNA_M
ClientSampleId : F9A19ME

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Quant Title : SVOA CALIBRATION

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

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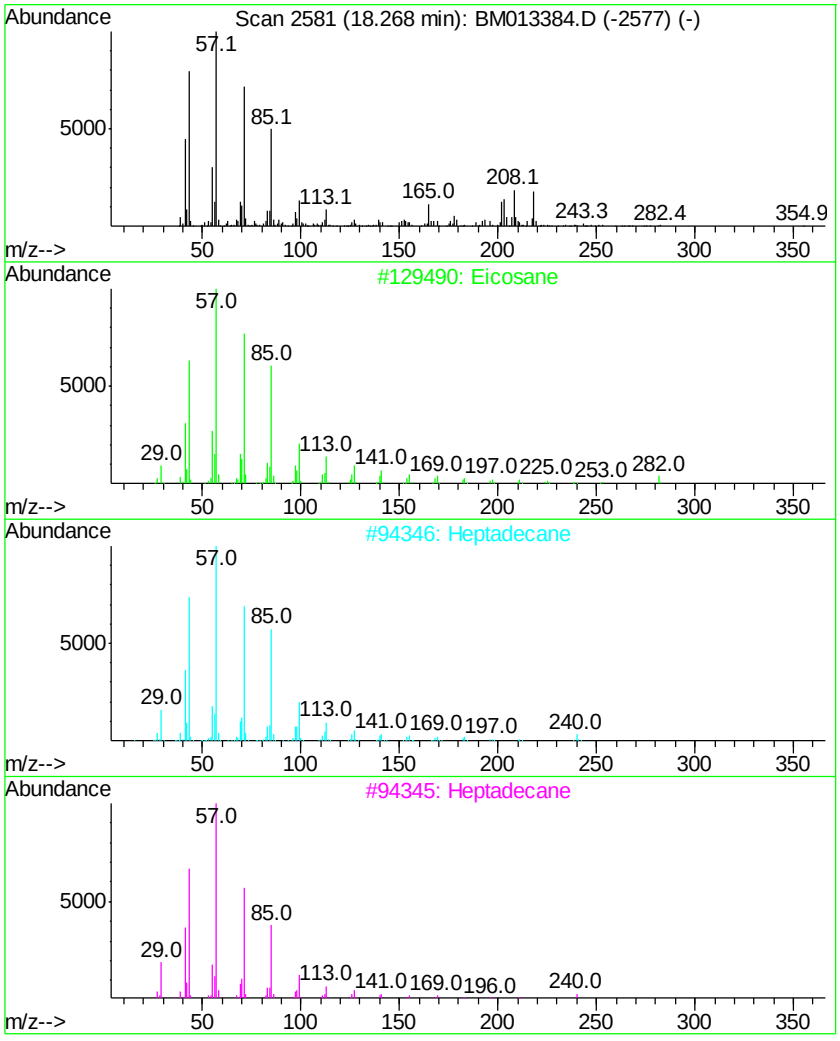
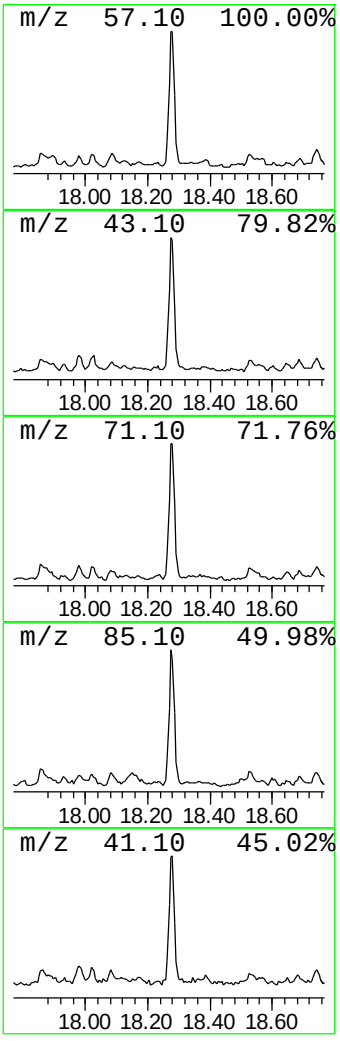
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	24.70 ng/ul	2865050	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptadecane	240	C17H36	000629-78-7	96
3	Heptadecane	240	C17H36	000629-78-7	91
4	Octacosane	394	C28H58	000630-02-4	87
5	Tetracosane	338	C24H50	000646-31-1	87





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Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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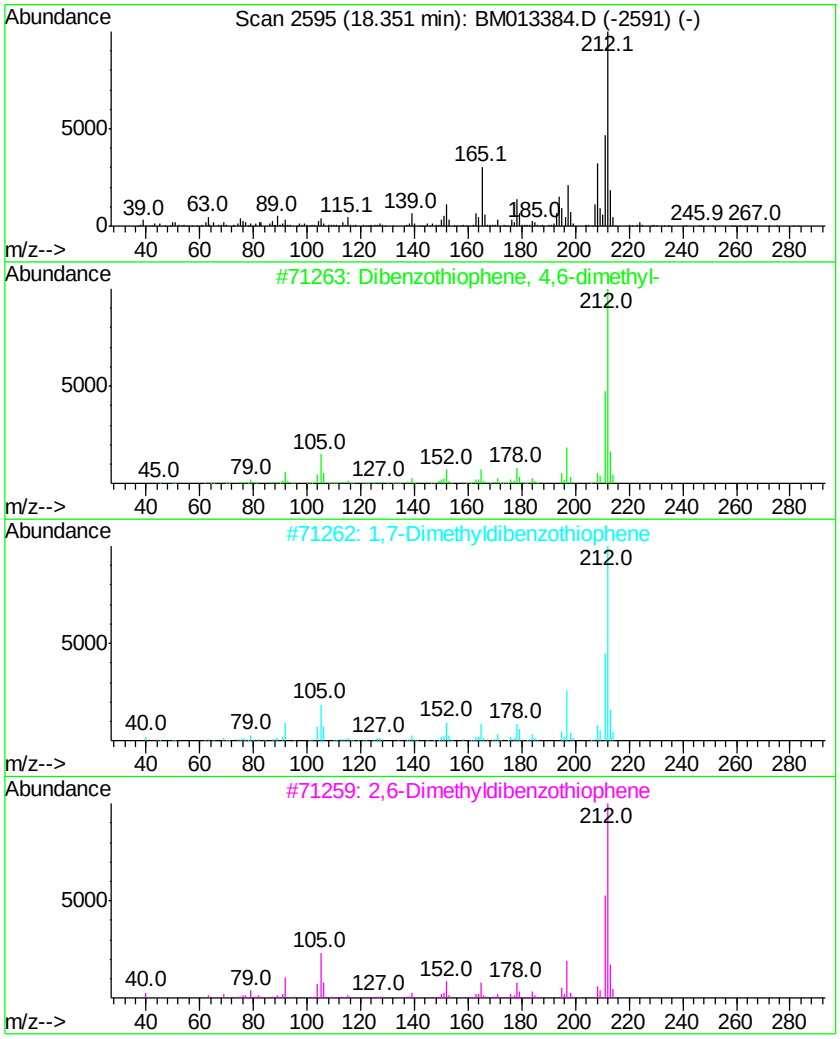
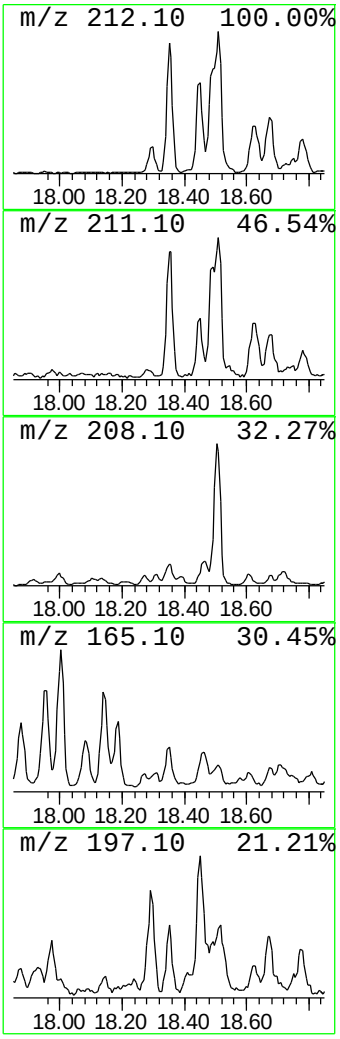
Peak Number 27 Dibenzothiophene, 4,6-dimet... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	9.45 ng/ul	1096310	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	89
2	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	76
3	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	76
4	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	72
5	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	64





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

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Quant Title : SVOA CALIBRATION

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

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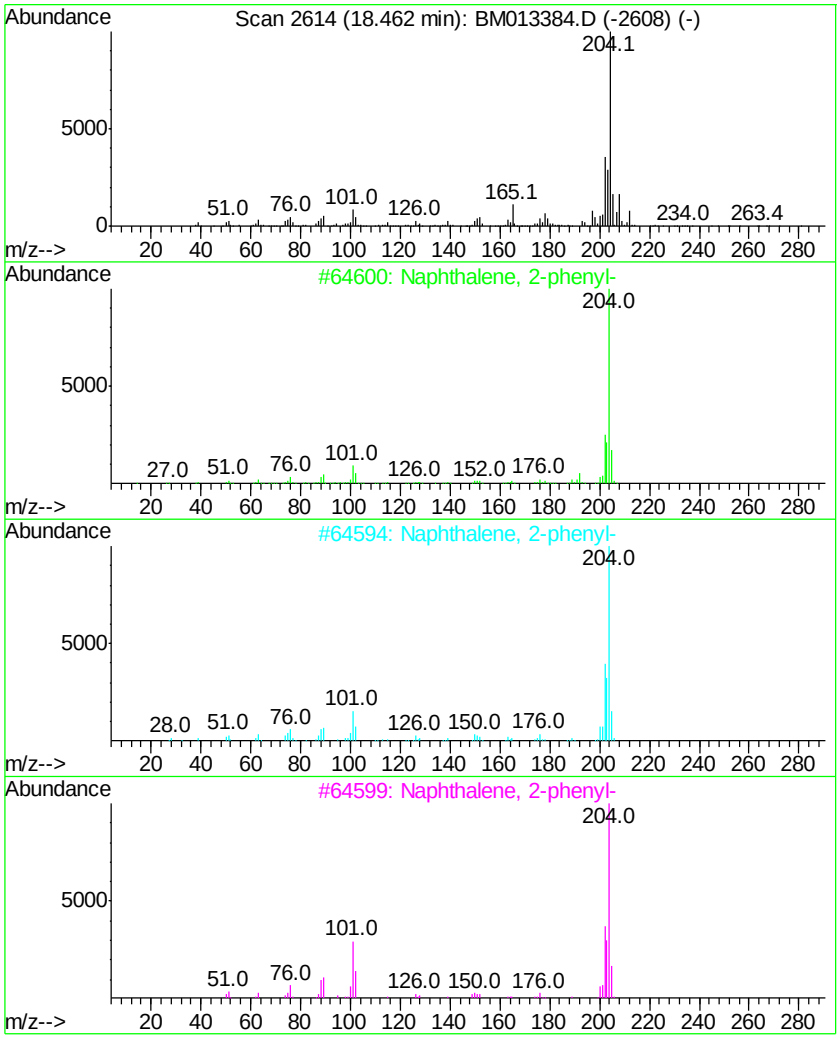
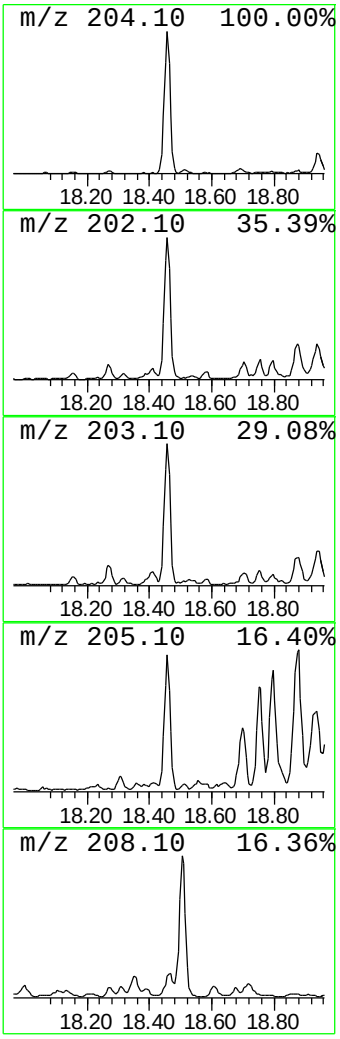
Peak Number 28 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	26.31 ng/ul	3051890	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	49





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Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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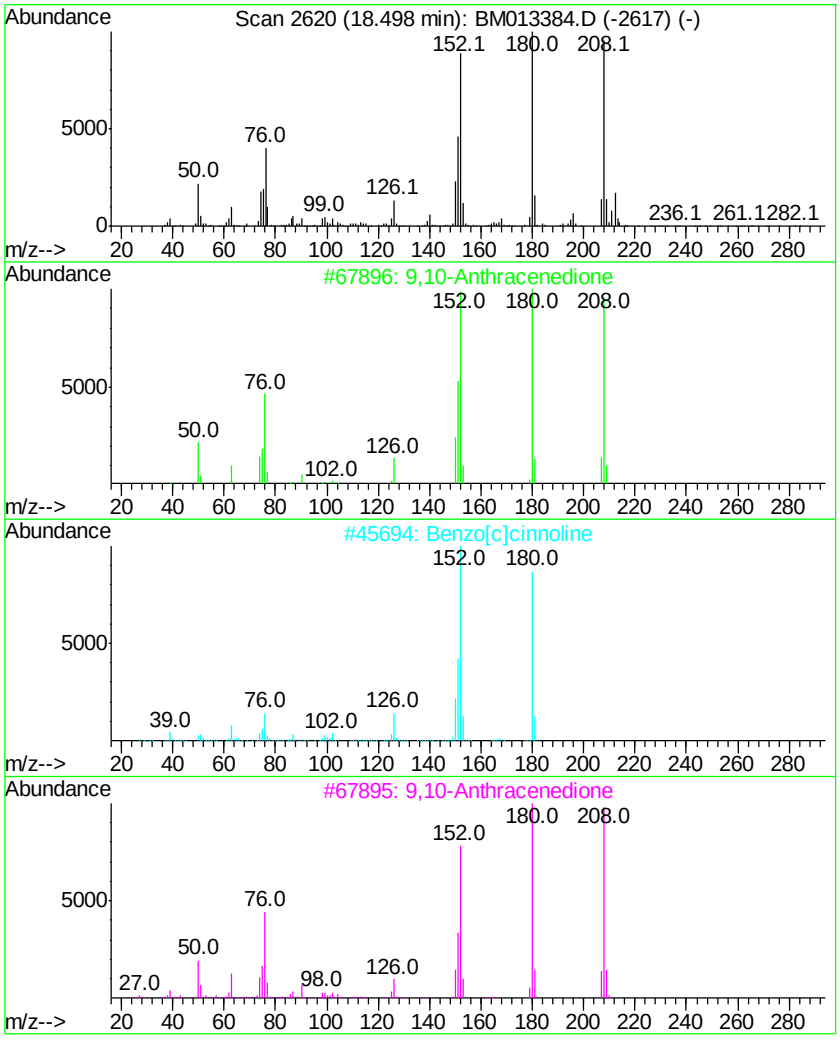
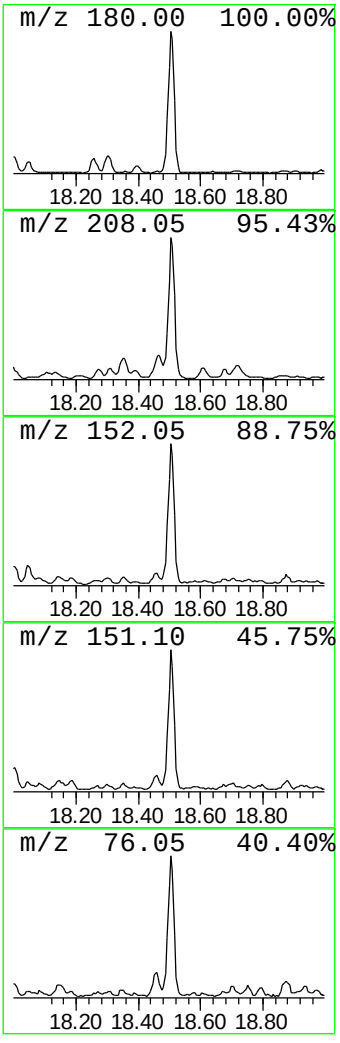
Peak Number 29 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	38.71 ng/ul	4489240	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70





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Misc :
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Instrument : BNA_M
ClientSampleId : F9A19ME

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Quant Title : SVOA CALIBRATION

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

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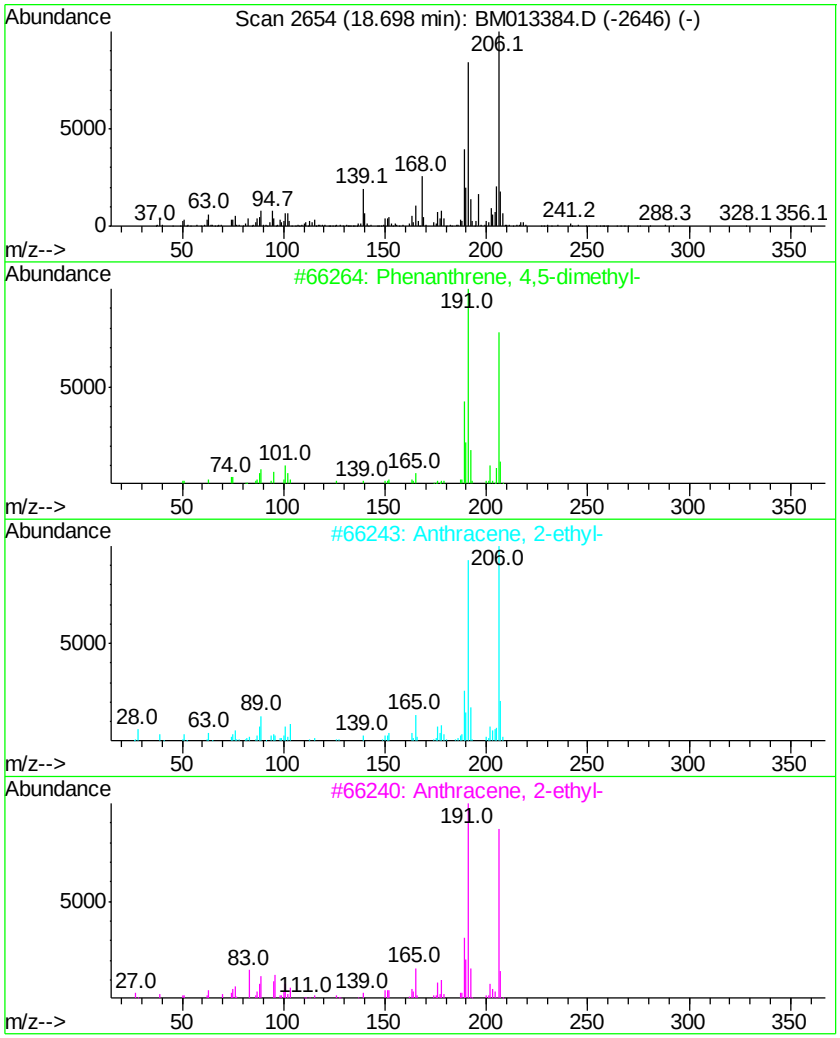
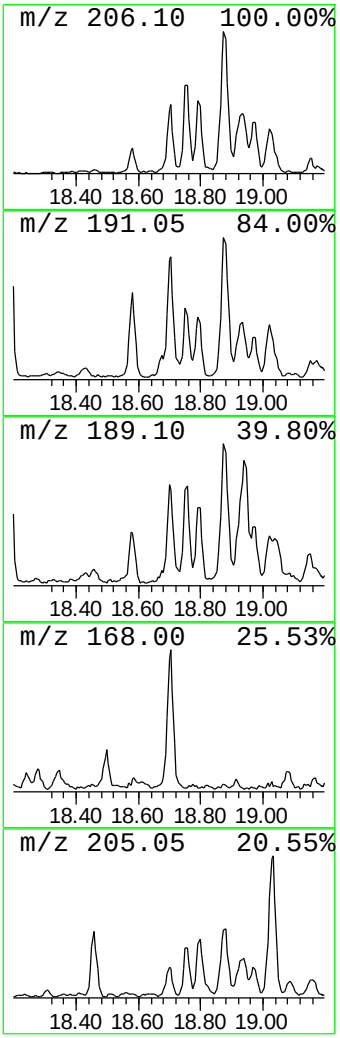
Peak Number 30 Phenanthrene, 4,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	20.75 ng/ul	2406070	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	96
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	96
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	95
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

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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 31 Phenanthrene, 3,6-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	12.05 ng/ul	1397660	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
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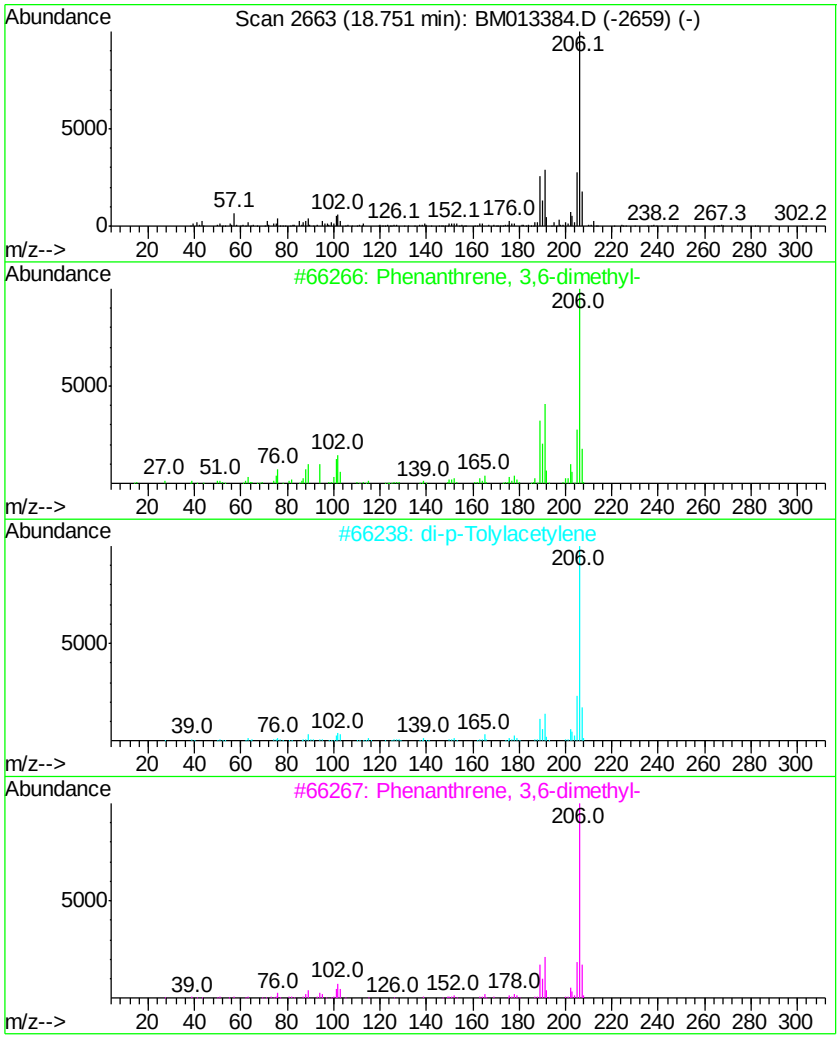

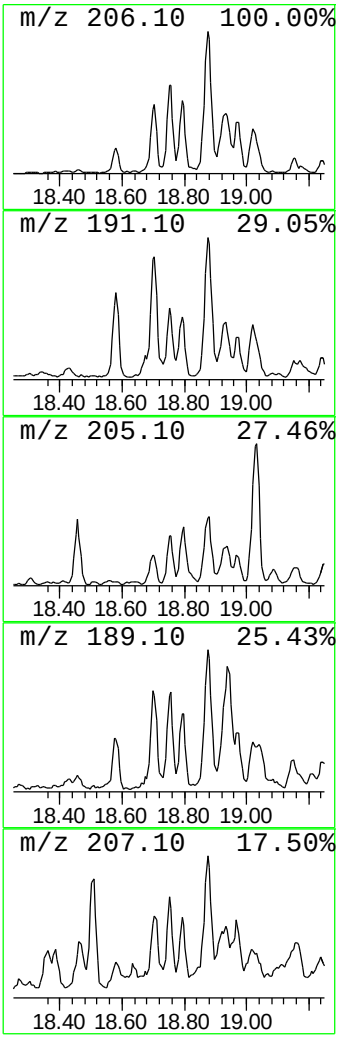

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

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Quant Title : SVOA CALIBRATION

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

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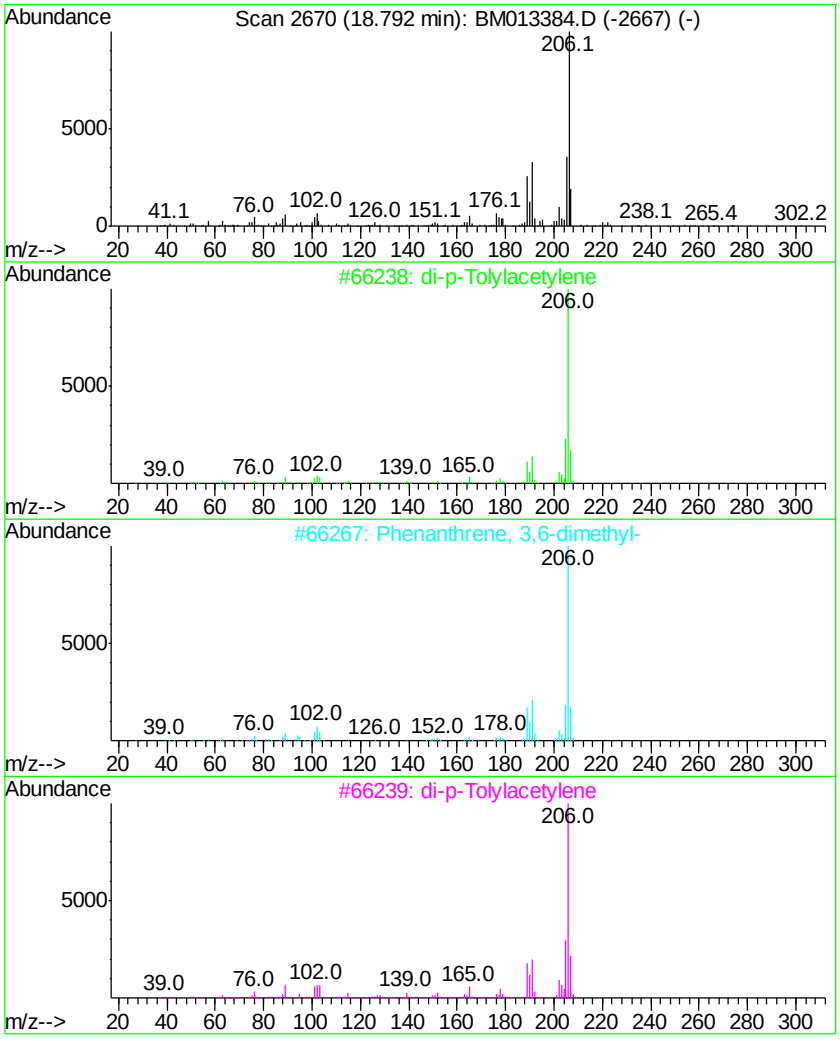
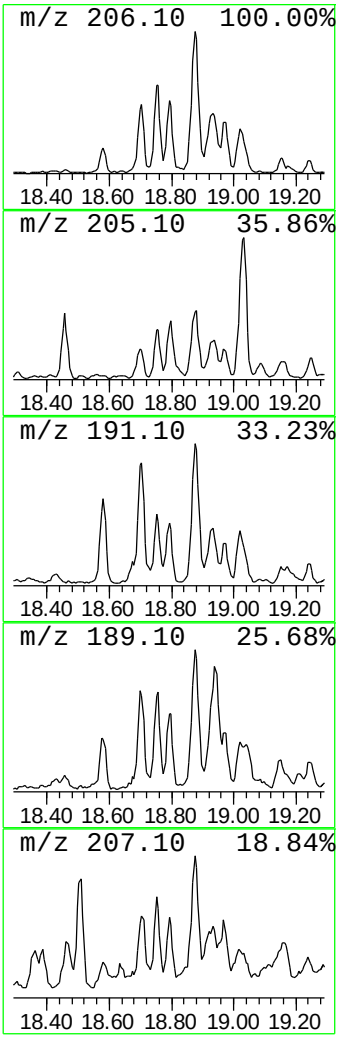
Peak Number 32 di-p-Tolylacetylene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	10.61 ng/ul	1230020	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	81
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	72





Library Search Compound Report

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Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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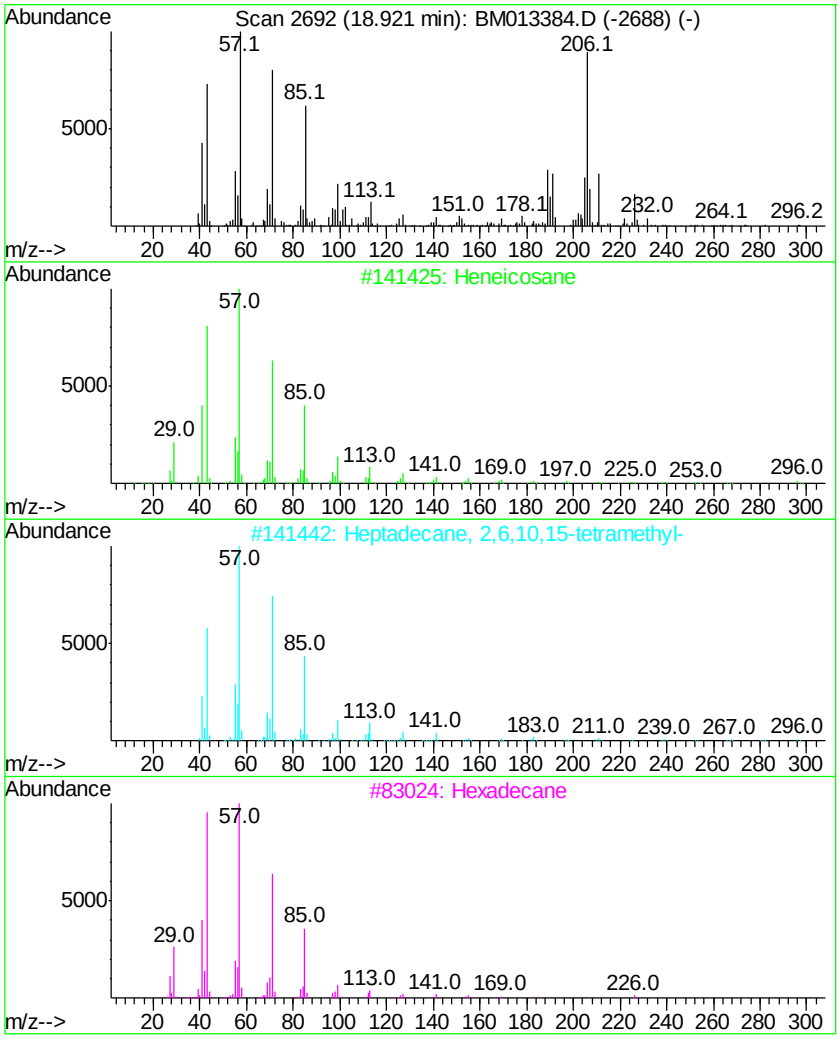
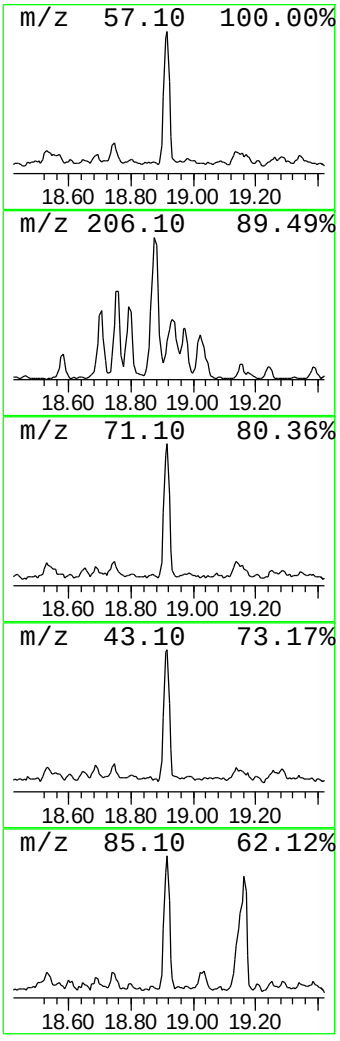
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	19.65 ng/ul	2279250	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Hexadecane	226	C16H34	000544-76-3	86
4	Hexadecane	226	C16H34	000544-76-3	78
5	Hexacosane	366	C26H54	000630-01-3	64





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Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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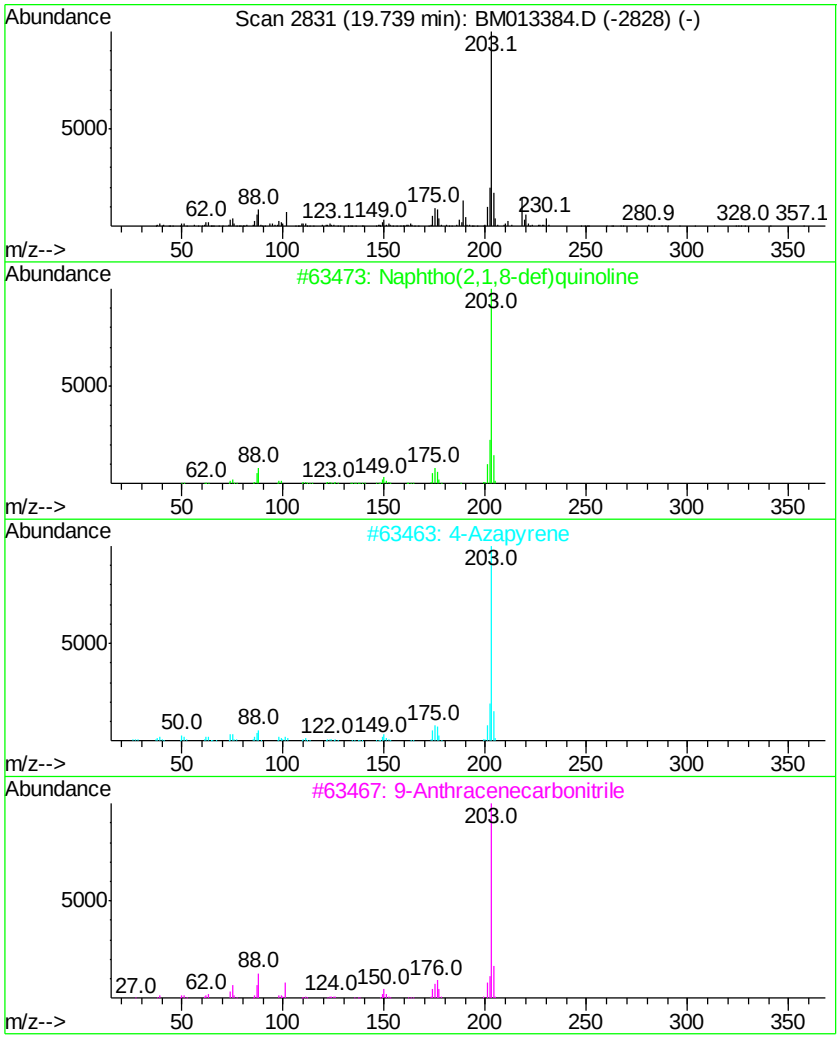
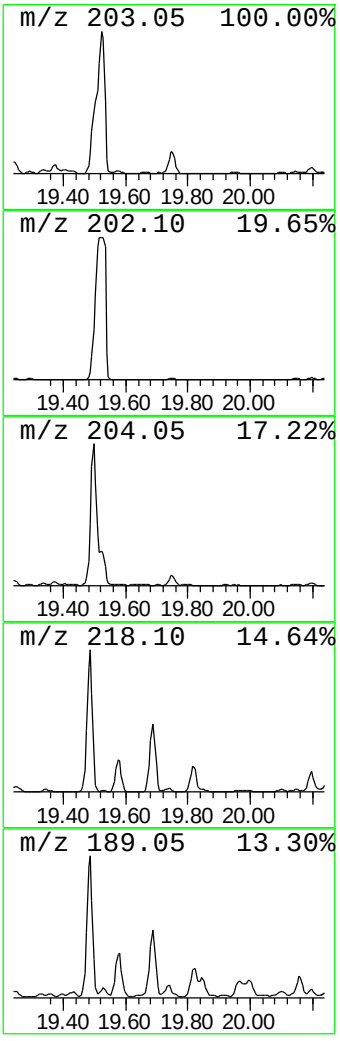
Peak Number 40 Naphtho(2,1,8-def)quinoline Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.14 ng/ul	1956970	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	96
2	4-Azapyrene	203	C15H9N	000194-03-6	95
3	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	94
4	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	93
5	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	92





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Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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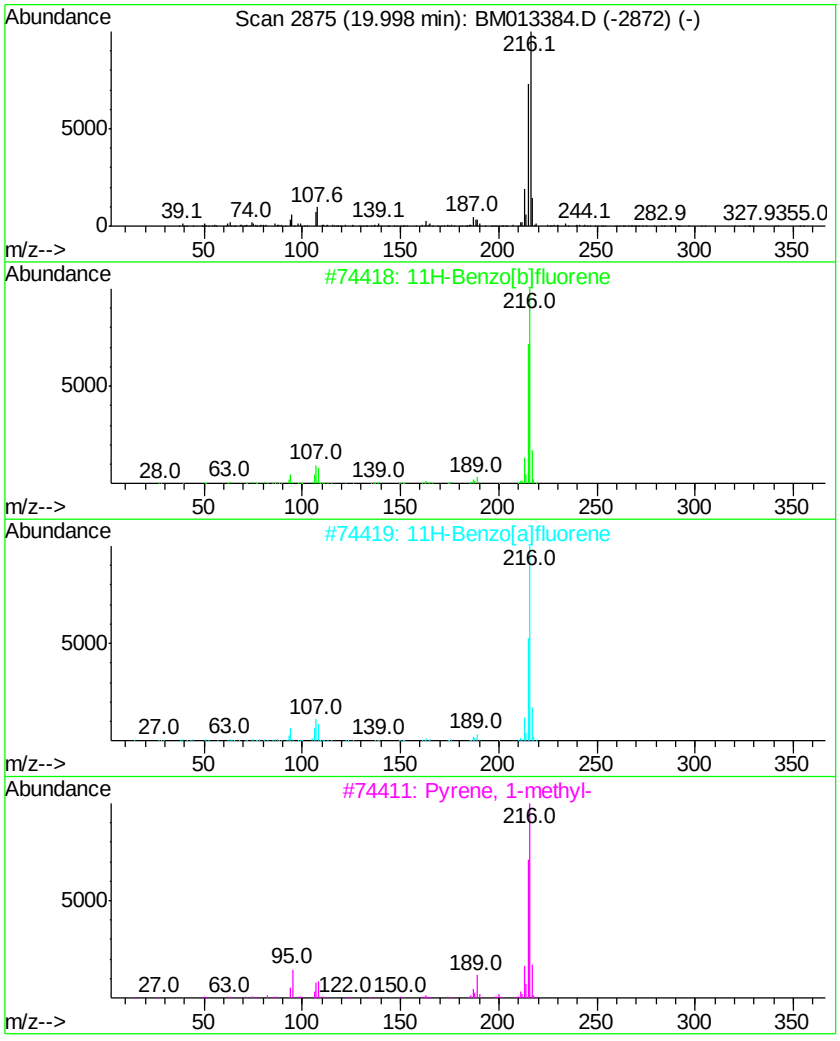
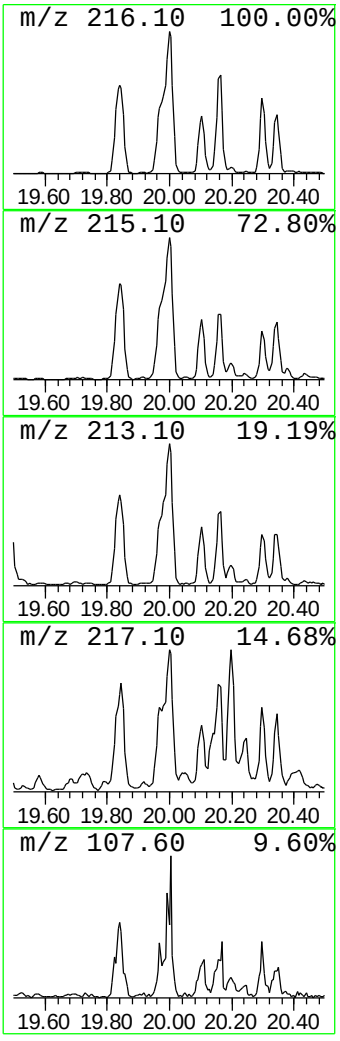
Peak Number 43 11H-Benzo[b]fluorene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	3.76 ng/ul	3442930	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80





Library Search Compound Report

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Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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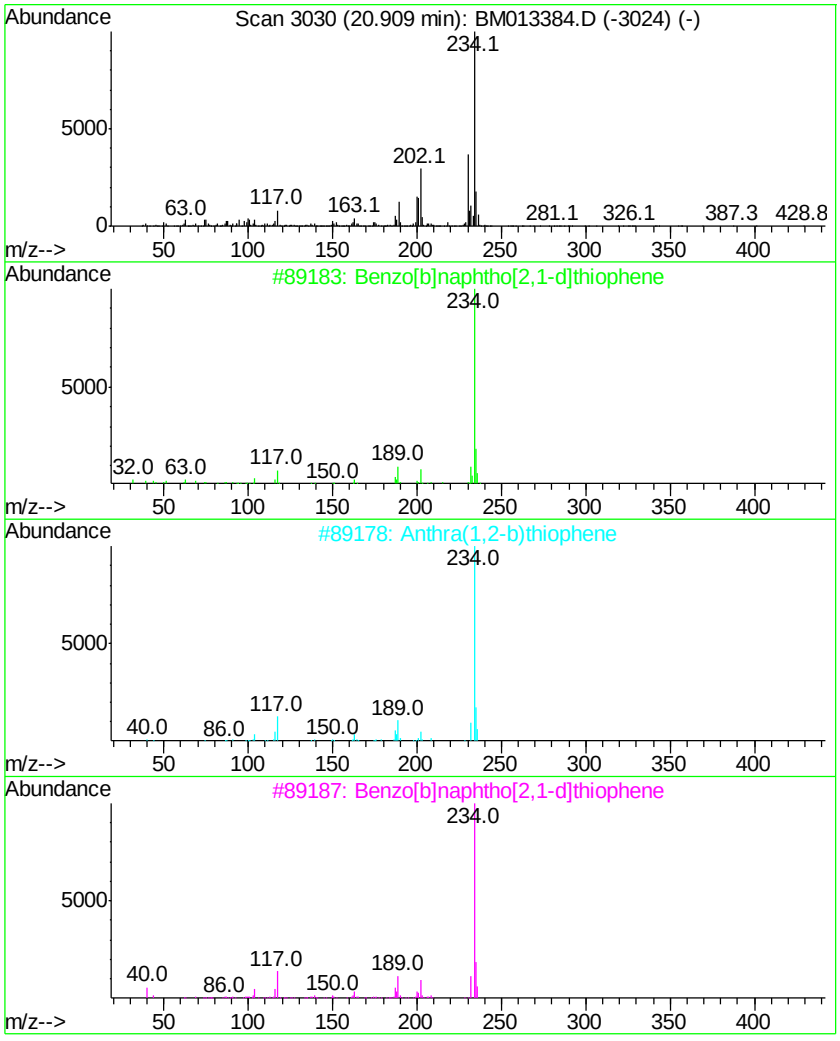
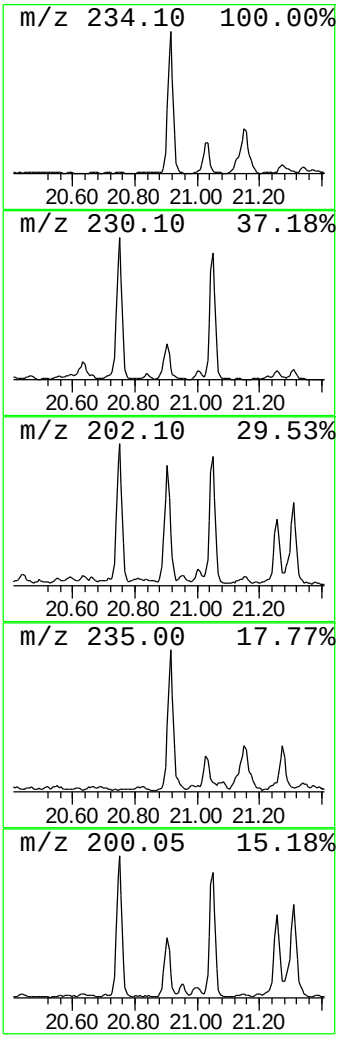
Peak Number 46 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	4.13 ng/ul	3778720	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	83
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	78
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM121317\
Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A19ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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...	12.35	56.2	ng/ul	3945840	2	10.46	1403590	20.0
Naphthalene, 2-et...	13.35	8.5	ng/ul	1105720	3	14.33	2603360	20.0
Naphthalene, 2,7-...	13.48	19.2	ng/ul	2499760	3	14.33	2603360	20.0
Naphthalene, 2,3-...	13.65	21.5	ng/ul	2802020	3	14.33	2603360	20.0
(DEL) Alkane: Str...	14.23	7.3	ng/ul	948982	3	14.33	2603360	20.0
Naphthalene, 1-(2...	14.63	6.7	ng/ul	868799	3	14.33	2603360	20.0
Naphthalene, 2,3,...	14.80	9.9	ng/ul	1284820	3	14.33	2603360	20.0
(DEL) Alkane: Str...	15.19	9.8	ng/ul	1269420	3	14.33	2603360	20.0
Dibenzofuran, 4-m...	15.67	22.4	ng/ul	2920630	3	14.33	2603360	20.0
2,4,6-Cycloheptat...	15.82	32.8	ng/ul	3806210	4	17.09	2319550	20.0
(DEL) Alkane: Str...	16.05	25.9	ng/ul	3000720	4	17.09	2319550	20.0
9H-Fluorene, 2-me...	16.38	16.0	ng/ul	1858590	4	17.09	2319550	20.0
Phenol, 3-(2-phen...	16.65	8.9	ng/ul	1031770	4	17.09	2319550	20.0
(DEL) Alkane: Str...	16.84	39.4	ng/ul	4566750	4	17.09	2319550	20.0
Dibenzothiophene	16.90	40.5	ng/ul	4697800	4	17.09	2319550	20.0
(DEL) Alkane: Str...	17.58	25.2	ng/ul	2923230	4	17.09	2319550	20.0
Dibenzothiophene,...	17.66	14.7	ng/ul	1702310	4	17.09	2319550	20.0
1H-Cyclopropa[l]p...	17.95	43.6	ng/ul	5062070	4	17.09	2319550	20.0
Phenanthrene, 2-m...	18.00	59.0	ng/ul	6840340	4	17.09	2319550	20.0
4H-Cyclopenta[def...	18.15	87.3	ng/ul	10125900	4	17.09	2319550	20.0
Anthracene, 2-met...	18.19	18.4	ng/ul	2135380	4	17.09	2319550	20.0
(DEL) Alkane: Str...	18.27	24.7	ng/ul	2865050	4	17.09	2319550	20.0
Dibenzothiophene,...	18.35	9.4	ng/ul	1096310	4	17.09	2319550	20.0
Naphthalene, 2-ph...	18.46	26.3	ng/ul	3051890	4	17.09	2319550	20.0
9,10-Anthracenedione	18.50	38.7	ng/ul	4489240	4	17.09	2319550	20.0
Phenanthrene, 4,5...	18.70	20.8	ng/ul	2406070	4	17.09	2319550	20.0
Phenanthrene, 3,6...	18.75	12.1	ng/ul	1397660	4	17.09	2319550	20.0
di-p-Tolylacetylene	18.79	10.6	ng/ul	1230020	4	17.09	2319550	20.0
(DEL) Alkane: Str...	18.92	19.6	ng/ul	2279250	4	17.09	2319550	20.0
Naphtho(2,1,8-def...	19.74	2.1	ng/ul	1956970	5	21.27	18310200	20.0
11H-Benzo[b]fluorene	20.00	3.8	ng/ul	3442930	5	21.27	18310200	20.0
Benzo[b]naphtho[2...	20.91	4.1	ng/ul	3778720	5	21.27	18310200	20.0