LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007041.D
Acq On : 12 Aug 2016 13:35
Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

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\SOM02.2-EPA-BM081116.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	6.975	739	746	756	rBV	1403883	2405673	20.01%	1.145%
2	7.151	766	776	787	rBV	1051186	1649324	13.72%	0.785%
3	7.345	802	809	821	rVB	1473310	2339243	19.45%	1.113%
4	7.816	882	889	896	rBV	1712636	2788866	23.19%	1.327%
5	8.510	999	1007	1016	rBV	1617727	2620196	21.79%	1.247%
6	8.969	1077	1085	1093	rBV	1349601	2271542	18.89%	1.081%
7	9.086	1093	1105	1110	rBV	174384	316079	2.63%	0.150%
8	9.686	1198	1207	1221	rVB	1126378	1911770	15.90%	0.910%
9	10.216	1287	1297	1307	rVB	1854363	3106553	25.83%	1.478%
10	10.598	1354	1362	1369	rBV	2331159	4115537	34.23%	1.958%
11	10.733	1376	1385	1394	rBV	1345506	2328971	19.37%	1.108%
12	13.621	1866	1876	1882	rBV4	90861	238804	1.99%	0.114%
13	13.768	1893	1901	1905	rBV	222630	402262	3.35%	0.191%
14	13.857	1911	1916	1920	rVV	2946120	4321897	35.94%	2.057%
15	13.904	1920	1924	1933	rVB	3641361	4953733	41.20%	2.357%
16	14.139	1957	1964	1978	rVV2	3347990	6281044	52.23%	2.989%
17	14.351	1995	2000	2005	rBV	189323	246411	2.05%	0.117%
18	14.445	2005	2016	2023	rBV2	3334710	5290159	43.99%	2.517%
19	14.633	2041	2048	2060	rBV	1148080	1848571	15.37%	0.880%
20	14.845	2080	2084	2091	rVB	221777	369606	3.07%	0.176%
21	14.921	2091	2097	2101	rVB	215885	325679	2.71%	0.155%
22	15.057	2113	2120	2126	rBV4	195635	518658	4.31%	0.247%
23	15.304	2159	2162	2169	rVB2	369175	540942	4.50%	0.257%
24	15.439	2176	2185	2190	rBV	4278530	6194062	51.51%	2.947%
25	15.492	2190	2194	2197	rVV2	185163	303161	2.52%	0.144%
26	15.551	2200	2204	2211	rVV	691008	1013763	8.43%	0.482%
27	15.709	2223	2231	2237	rVV3	172540	427592	3.56%	0.203%
28	15.786	2240	2244	2254	rVB5	115560	305087	2.54%	0.145%
29	15.939	2261	2270	2277	rVB6	145764	378305	3.15%	0.180%
30	16.168	2303	2309	2321	rVV2	516414	953358	7.93%	0.454%
31	16.498	2357	2365	2369	rBV4	194054	456517	3.80%	0.217%
32	16.845	2420	2424	2430	rVB4	178932	314626	2.62%	0.150%
33	16.956	2440	2443	2447	rVB	220506	253065	2.10%	0.120%
34	17.009	2447	2452	2460	rVB	344528	586225	4.88%	0.279%

LSC Area Percent Report

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Data File : BM007041.D
Acq On : 12 Aug 2016 13:35
Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

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\SOM02.2-EPA-BM081116.M
Title : SVOA CALIBRATION

35	17.186	2473	2482	2486	rBV	3628591	5542262	46.09%	2.637%
36	17.233	2486	2490	2494	rVV	2834081	3946708	32.82%	1.878%
37	17.286	2494	2499	2503	rVV2	3986363	5856375	48.70%	2.787%
38	17.321	2503	2505	2510	rVB	745213	825570	6.87%	0.393%
39	17.374	2510	2514	2521	rBV2	220074	461389	3.84%	0.220%
40	17.574	2544	2548	2553	rBV4	138713	284377	2.36%	0.135%
41	17.698	2566	2569	2574	rVB2	166946	302751	2.52%	0.144%
42	17.768	2577	2581	2588	rVB	503961	726143	6.04%	0.346%
43	17.909	2601	2605	2610	rVB	259664	439960	3.66%	0.209%
44	18.062	2626	2631	2633	rVV	1401968	1935511	16.10%	0.921%
45	18.086	2633	2635	2637	rVV2	1273094	1676642	13.94%	0.798%
46	18.109	2637	2639	2647	rVB	1866177	2307874	19.19%	1.098%
47	18.192	2648	2653	2658	rBV	409435	634674	5.28%	0.302%
48	18.250	2658	2663	2667	rBV2	1502356	2574518	21.41%	1.225%
49	18.292	2667	2670	2677	rVB	1085280	1608549	13.38%	0.765%
50	18.386	2681	2686	2689	rBV3	292772	480728	4.00%	0.229%
51	18.456	2694	2698	2703	rVB2	273150	424284	3.53%	0.202%
52	18.562	2712	2716	2720	rBV2	634332	889501	7.40%	0.423%
53	18.603	2720	2723	2734	rVB3	520597	1074883	8.94%	0.511%
54	18.780	2750	2753	2755	rBV2	257910	337604	2.81%	0.161%
55	18.809	2755	2758	2762	rVV	571221	831859	6.92%	0.396%
56	18.862	2763	2767	2770	rVV	871413	1212673	10.08%	0.577%
57	18.897	2770	2773	2777	rVB2	648860	846047	7.04%	0.403%
58	18.980	2782	2787	2792	rBV	1765519	2865491	23.83%	1.364%
59	19.039	2792	2797	2801	rVV2	737755	1545062	12.85%	0.735%
60	19.074	2801	2803	2807	rVB	637434	678731	5.64%	0.323%
61	19.121	2807	2811	2818	rBV2	899811	1728467	14.37%	0.822%
62	19.245	2827	2832	2839	rVB	5654107	7452572	61.98%	3.546%
63	19.309	2839	2843	2846	rBV	418528	582471	4.84%	0.277%
64	19.368	2846	2853	2856	rBV3	892767	1490676	12.40%	0.709%
65	19.445	2863	2866	2869	rVB	246209	288733	2.40%	0.137%
66	19.486	2870	2873	2877	rBV2	328624	457304	3.80%	0.218%
67	19.580	2884	2889	2891	rBV2	4821304	6892051	57.32%	3.280%
68	19.609	2891	2894	2902	rVB	6156936	9158718	76.17%	4.358%
69	19.686	2902	2907	2912	rVB2	964335	1459577	12.14%	0.695%
70	19.844	2931	2934	2940	rVB3	525888	840527	6.99%	0.400%
71	19.933	2944	2949	2960	rVV6	953999	2413500	20.07%	1.148%

LSC Area Percent Report

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Acq On : 12 Aug 2016 13:35
Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

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 >
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Title : SVOA CALIBRATION

72	20.021	2960	2964	2967	rBV2	288048	416834	3.47%	0.198%
73	20.068	2967	2972	2975	rVV4	818367	1634830	13.60%	0.778%
74	20.103	2975	2978	2982	rVB	1226534	1648338	13.71%	0.784%
75	20.203	2992	2995	2999	rVB	553865	640459	5.33%	0.305%
76	20.262	3000	3005	3009	rVB2	1409316	1952715	16.24%	0.929%
77	20.403	3025	3029	3032	rBV	1130907	1460911	12.15%	0.695%
78	20.444	3033	3036	3040	rVB	1021796	1324468	11.01%	0.630%
79	20.850	3101	3105	3112	rVB	1121414	1812261	15.07%	0.862%
80	20.939	3118	3120	3124	rVB	377604	411717	3.42%	0.196%
81	21.021	3126	3134	3137	rBV4	910355	2136935	17.77%	1.017%
82	21.056	3137	3140	3142	rVV	763043	872611	7.26%	0.415%
83	21.091	3142	3146	3151	rVV3	1339049	2240180	18.63%	1.066%
84	21.144	3152	3155	3162	rVB2	717314	1224654	10.18%	0.583%
85	21.291	3177	3180	3184	rVB	2160102	2307306	19.19%	1.098%
86	21.362	3186	3192	3197	rVV2	5831079	12024772	100.00%	5.722%
87	21.409	3197	3200	3209	rVB	3749443	5005486	41.63%	2.382%
88	21.527	3217	3220	3225	rBV4	467316	855723	7.12%	0.407%
89	21.868	3276	3278	3282	rBV	298609	386317	3.21%	0.184%
90	21.927	3282	3288	3293	rVV	1295995	2169848	18.04%	1.033%
91	21.986	3294	3298	3303	rVB2	1203877	1792231	14.90%	0.853%
92	22.127	3319	3322	3325	rBV	632278	800820	6.66%	0.381%
93	22.968	3459	3465	3470	rBV2	3089820	7040325	58.55%	3.350%
94	23.138	3490	3494	3501	rVB	664635	1154412	9.60%	0.549%
95	23.456	3542	3548	3552	rBV	1586925	3149571	26.19%	1.499%
96	23.509	3552	3557	3560	rVV	2730755	4909391	40.83%	2.336%
97	23.550	3560	3564	3571	rVB	2898525	5405779	44.96%	2.572%
98	23.650	3575	3581	3586	rBV	2796514	5272874	43.85%	2.509%
99	24.215	3673	3677	3684	rVB2	607463	1198173	9.96%	0.570%
100	25.950	3966	3972	3982	rVB2	1202933	3446330	28.66%	1.640%

Sum of corrected areas: 210148314

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
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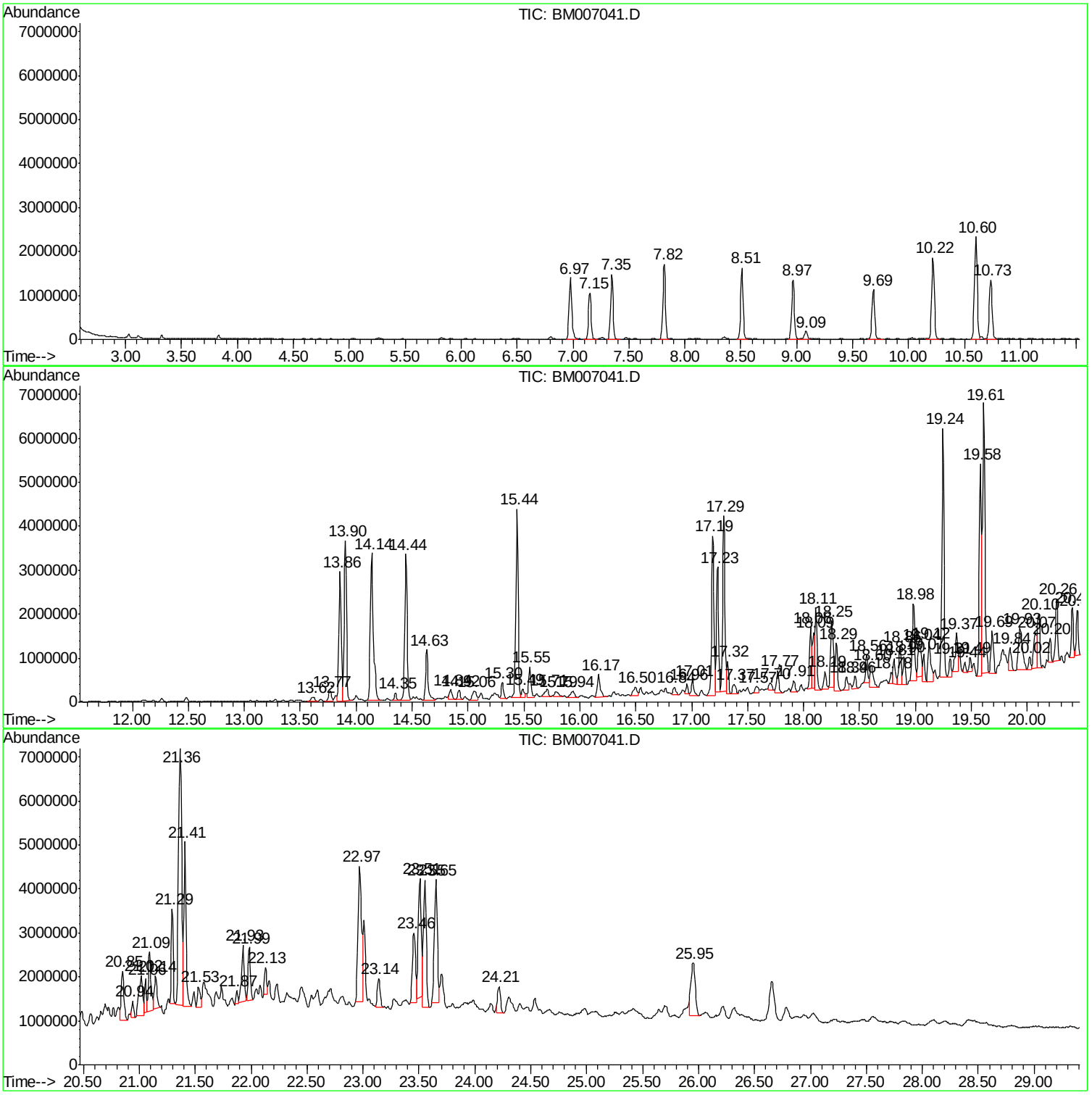
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BM007041.D
Acq On : 12 Aug 2016 13:35
Operator : UM/SJ
Sample : H4387-11
Misc :
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Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

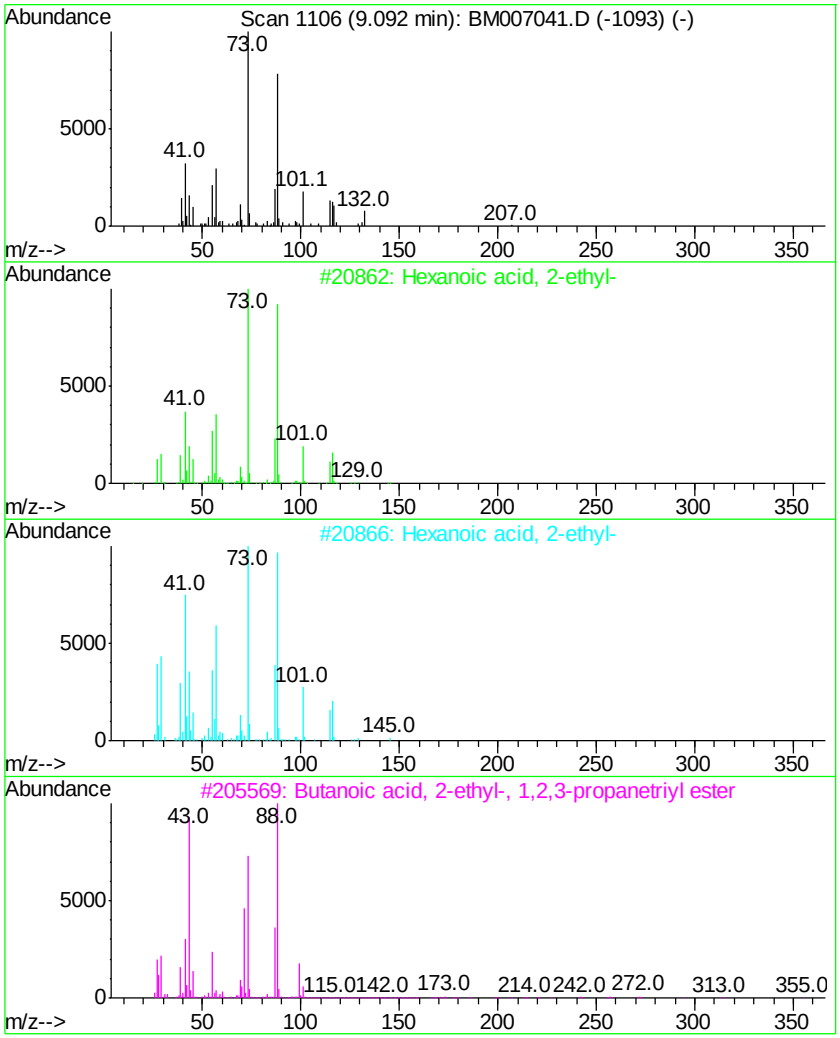
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

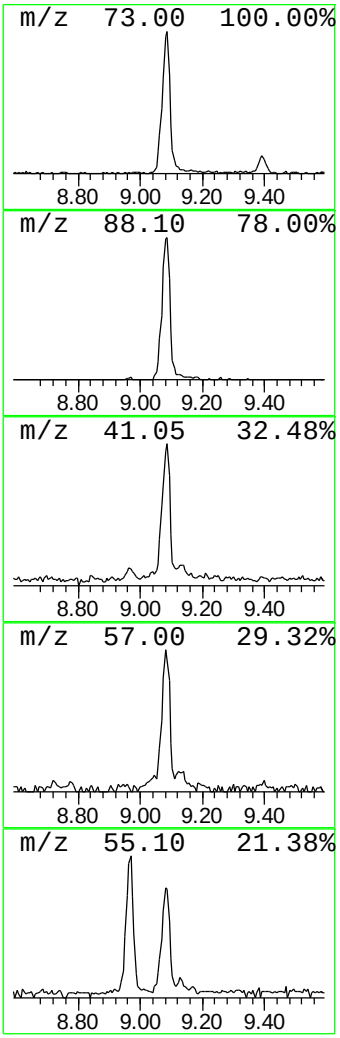
****

Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	2.27 ng/ul	316079	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	43
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
4	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42
5	Heptanoic acid, 2,6-dimethyl-, m...	172	C10H20O2	033315-72-9	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007041.D
Acq On : 12 Aug 2016 13:35
Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

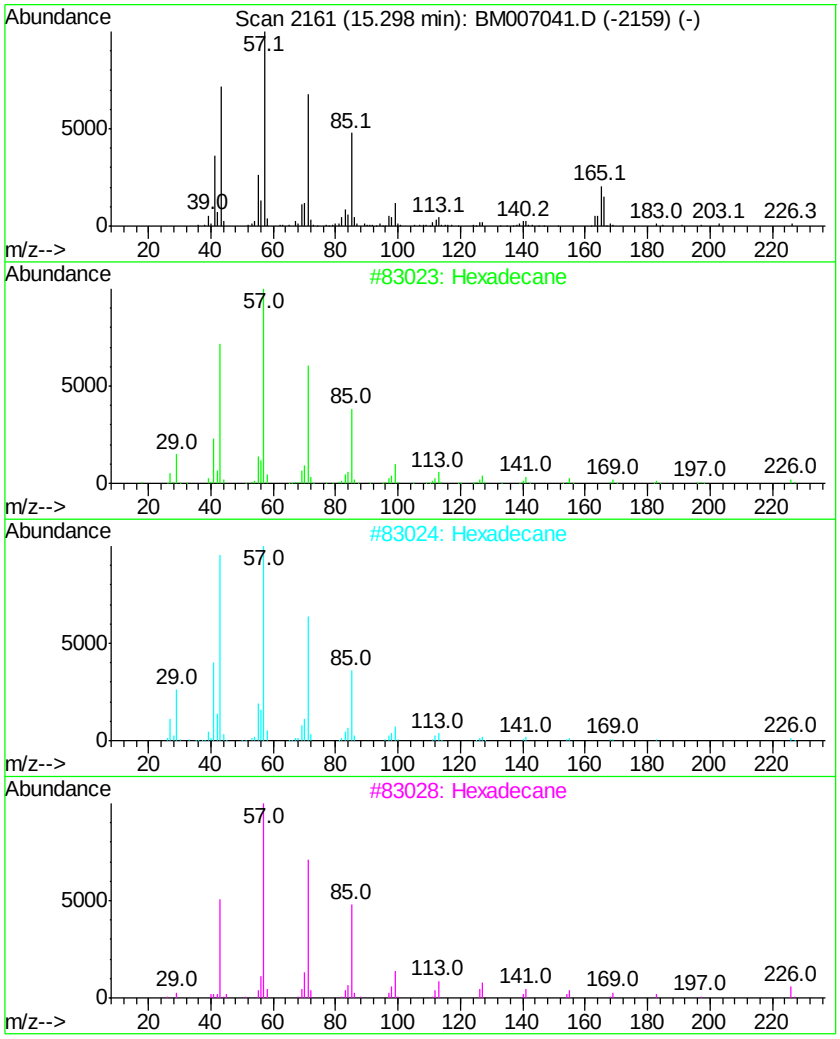
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

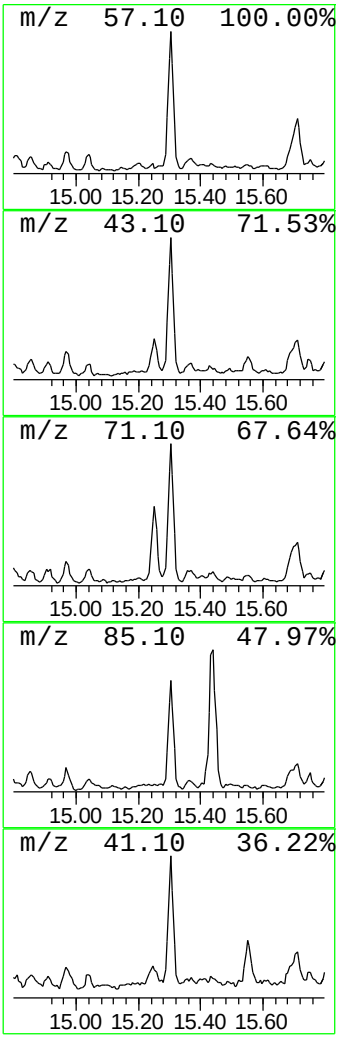
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	2.05 ng/ul	540942	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Hexadecane	226	C16H34	000544-76-3	64
3	Hexadecane	226	C16H34	000544-76-3	60
4	Heneicosane	296	C21H44	000629-94-7	53
5	Heptadecane	240	C17H36	000629-78-7	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
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Sample : H4387-11
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Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

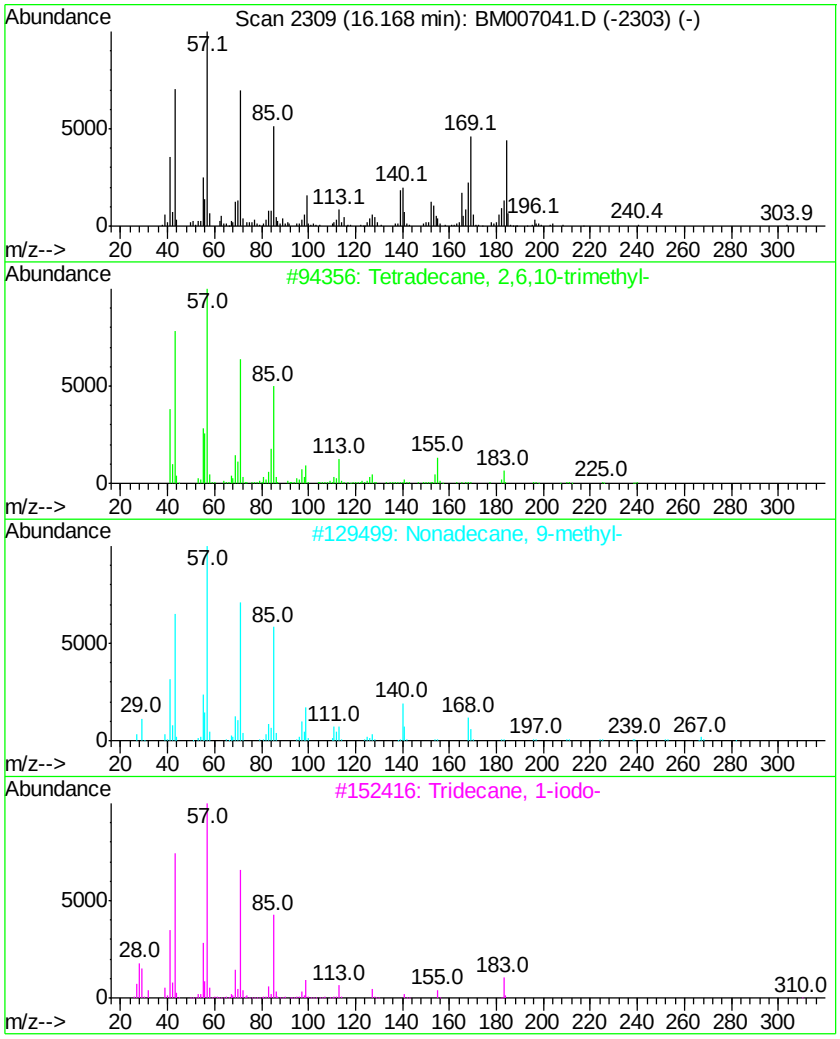
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

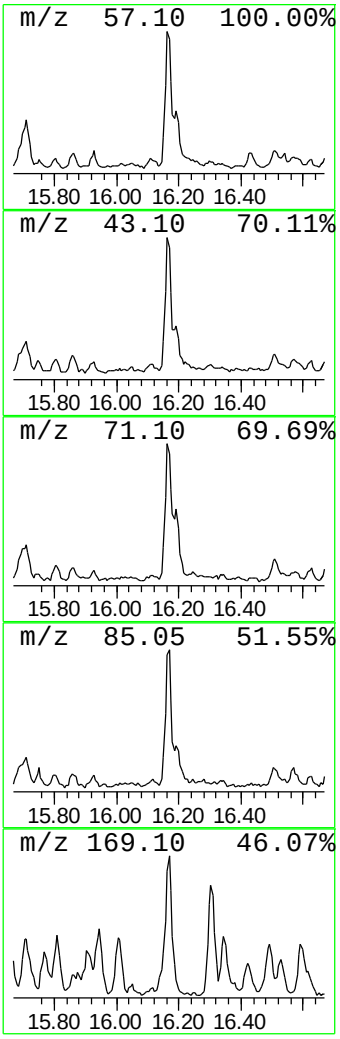
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	3.44 ng/ul	953358	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	47
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	45
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	30
5	Heneicosane	296	C21H44	000629-94-7	30





Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007041.D
Acq On : 12 Aug 2016 13:35
Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

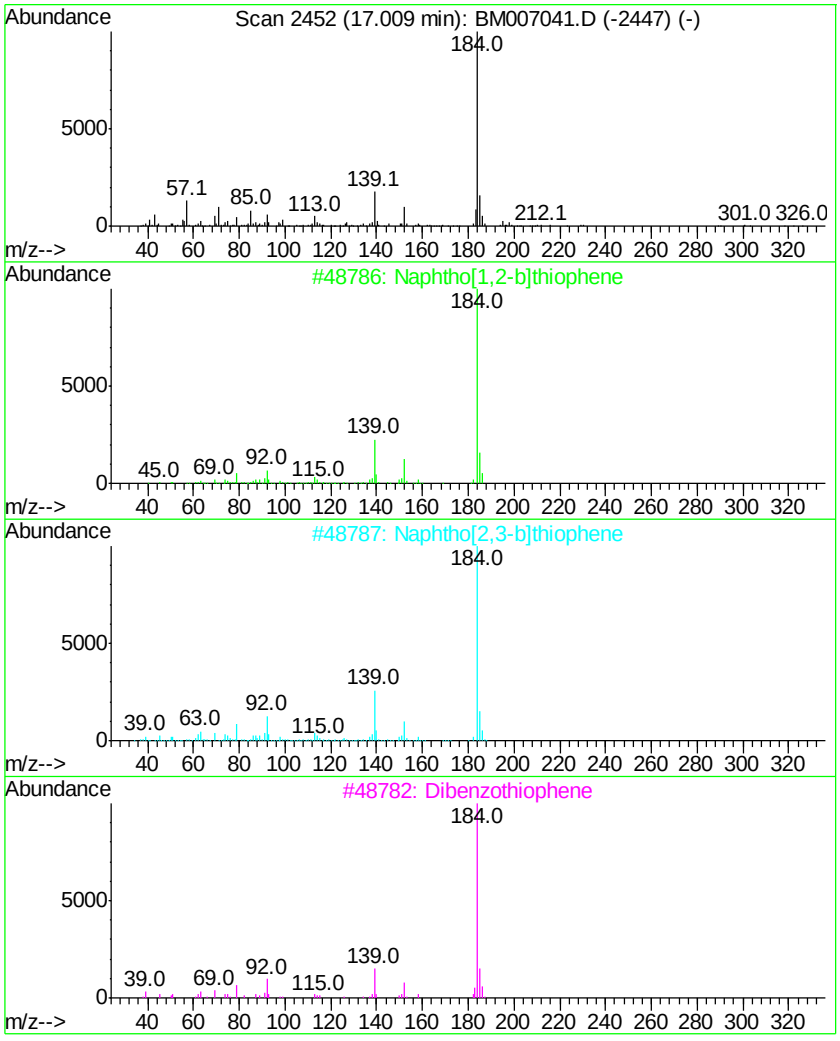
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

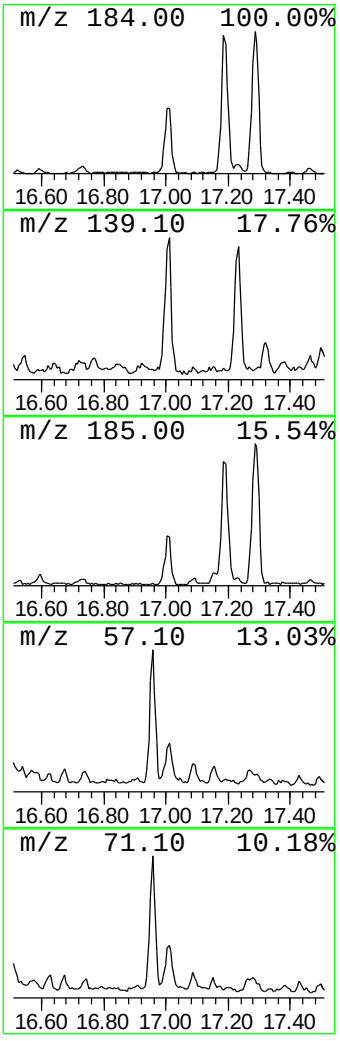
****

Peak Number 4 Naphtho[1,2-b]thiophene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	2.12 ng/ul	586225	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	91
4	Dibenzothiophene	184	C12H8S	000132-65-0	87
5	Dibenzothiophene	184	C12H8S	000132-65-0	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007041.D
Acq On : 12 Aug 2016 13:35
Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

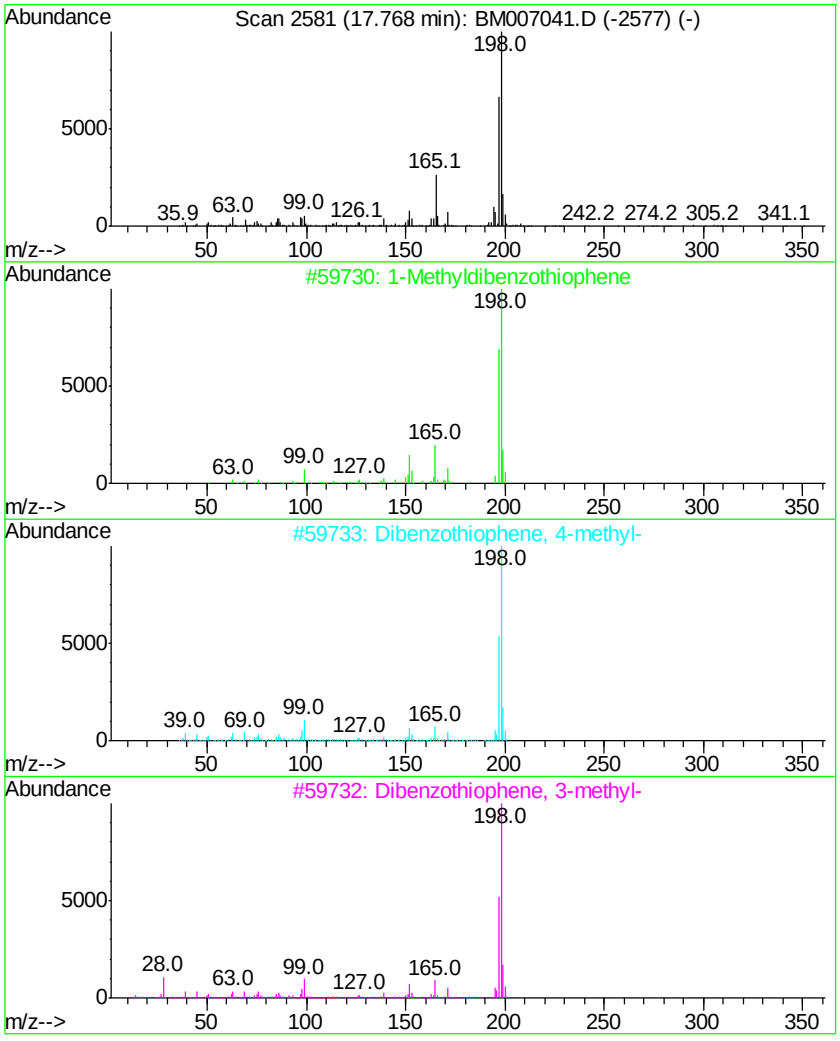
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

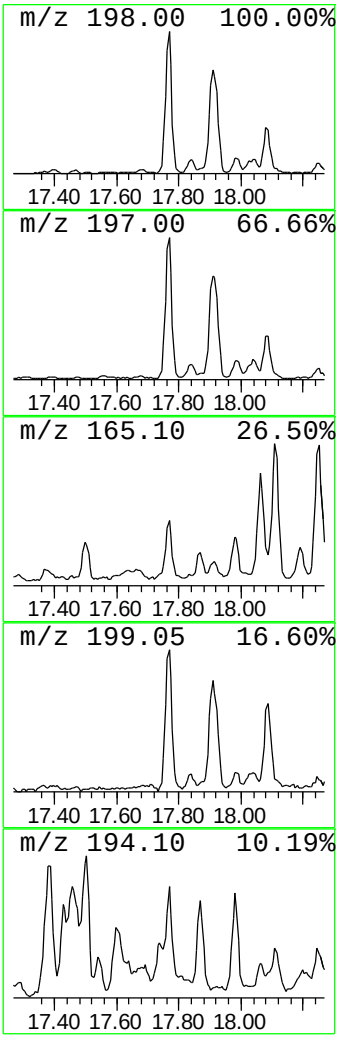
****

Peak Number 5 1-Methyldibenzothiophene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	2.62 ng/ul	726143	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	86
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
4	Thioxanthene	198	C13H10S	000261-31-4	64
5	Tacrine	198	C13H14N2	000321-64-2	59





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Acq On : 12 Aug 2016 13:35
Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

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Quant Title : SVOA CALIBRATION

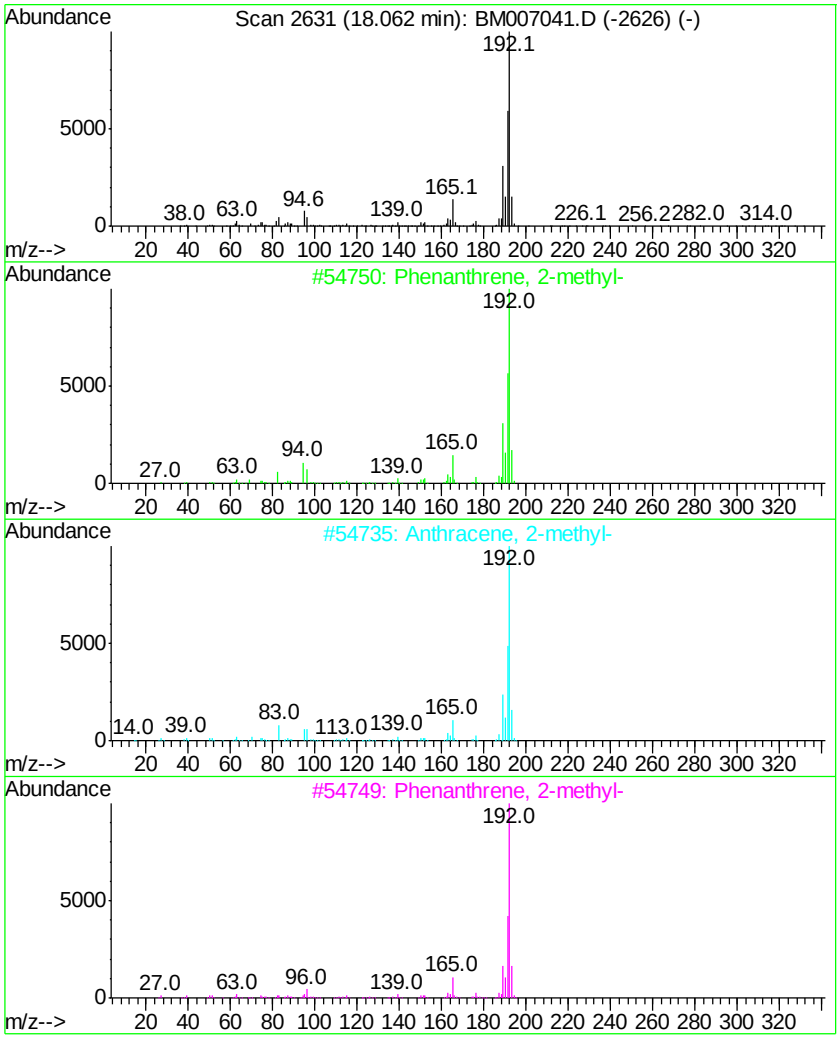
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

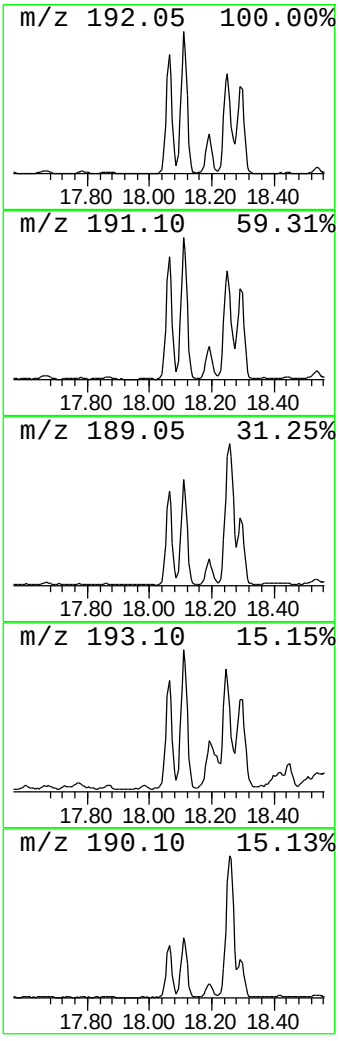
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	6.98 ng/ul	1935510	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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ClientSampleId : P003-SS003-0612-01

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Quant Title : SVOA CALIBRATION

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

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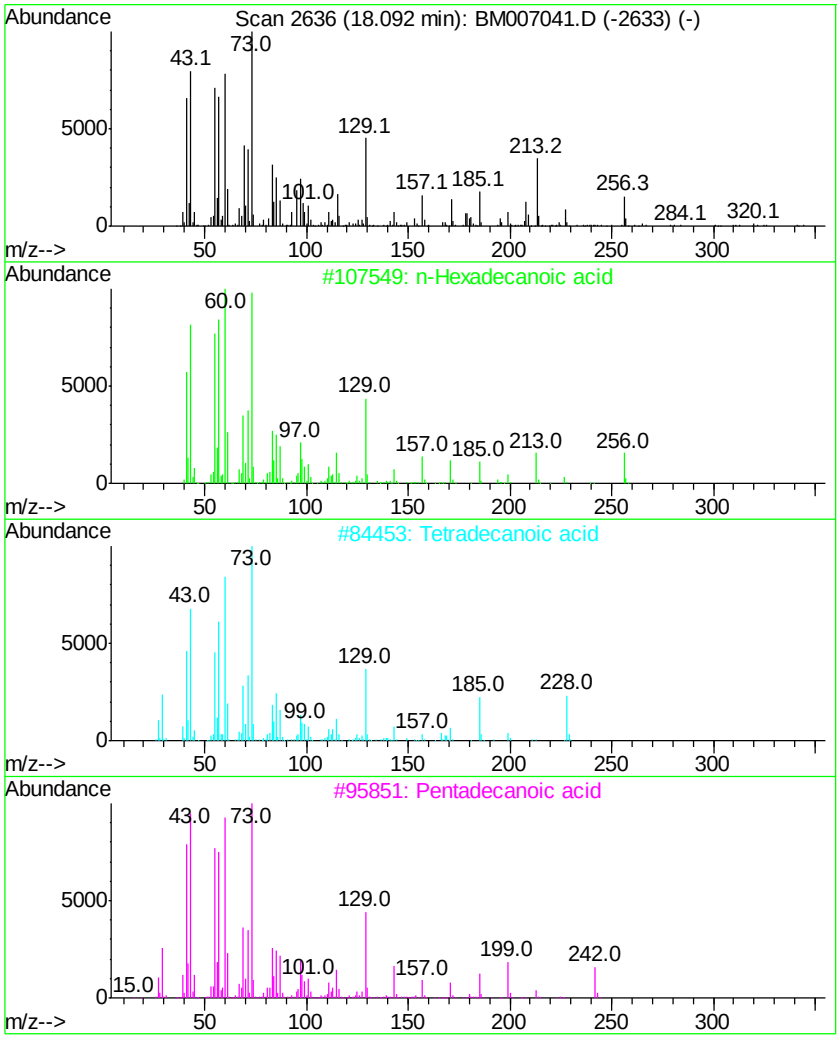
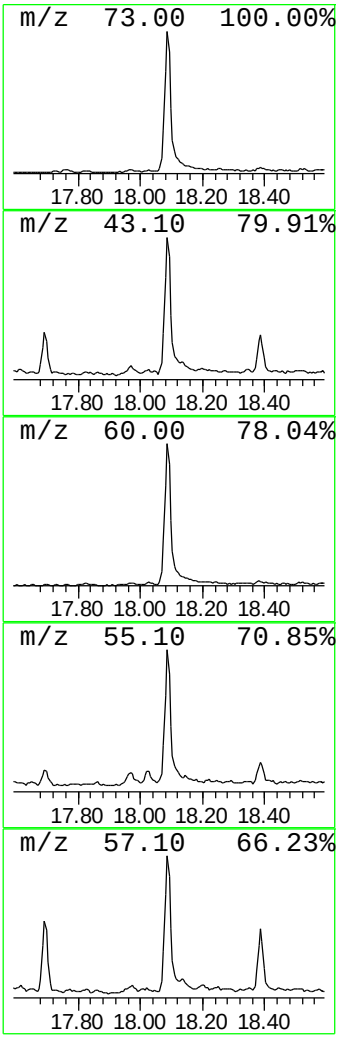
Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	6.05 ng/ul	1676640	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





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ClientSampleId : P003-SS003-0612-01

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Quant Title : SVOA CALIBRATION

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

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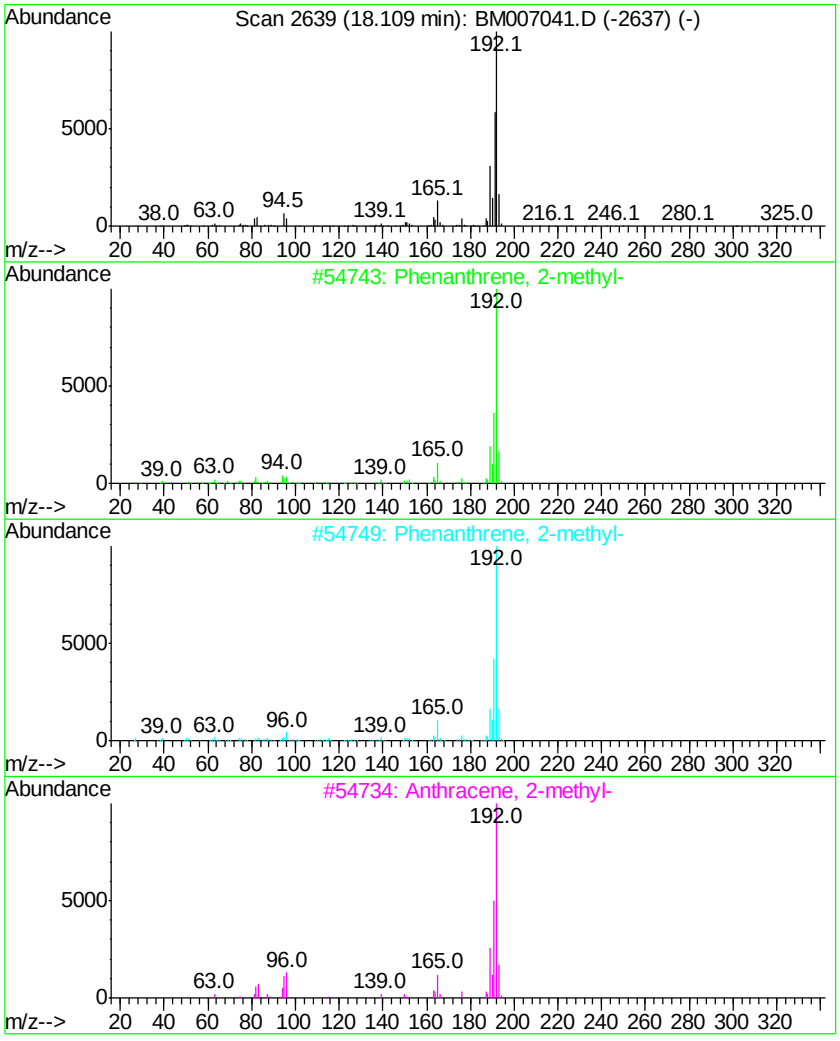
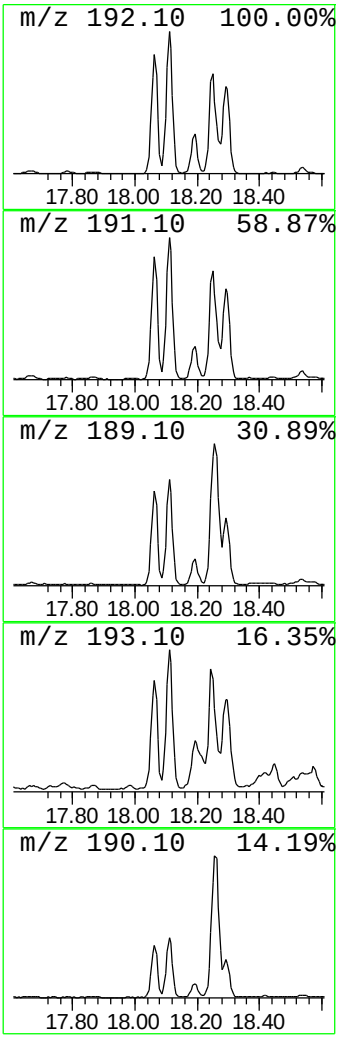
Peak Number 8 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	8.33 ng/ul	2307870	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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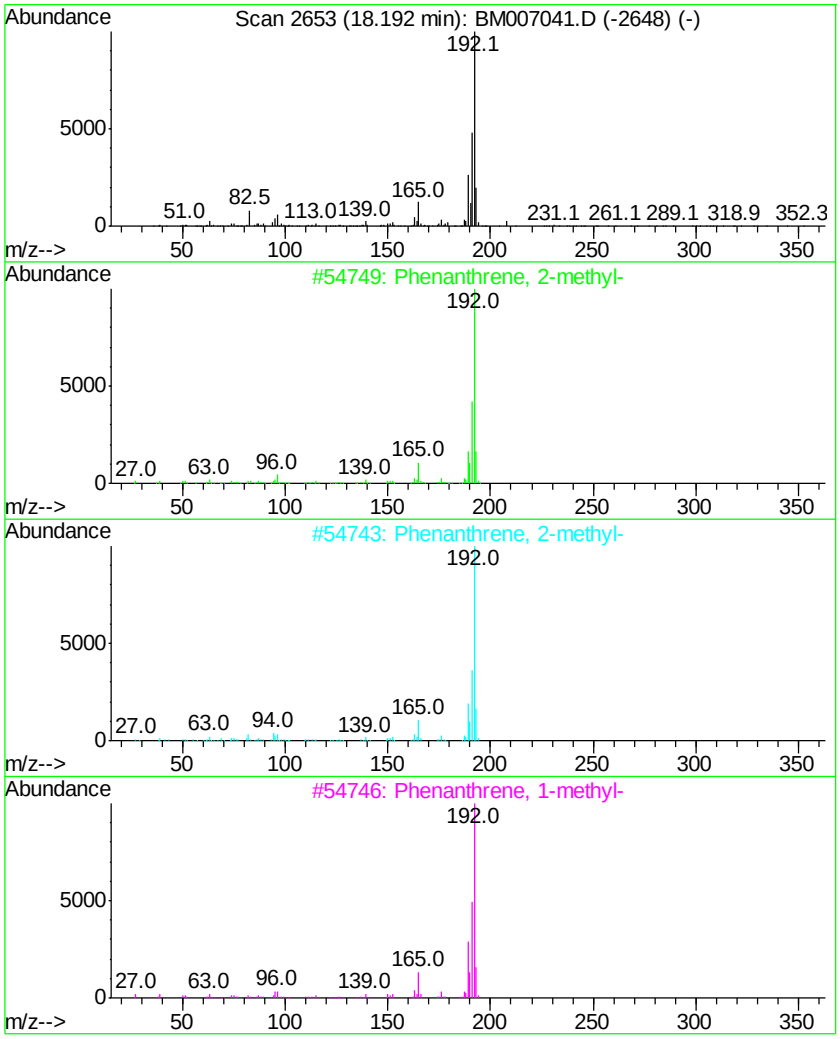
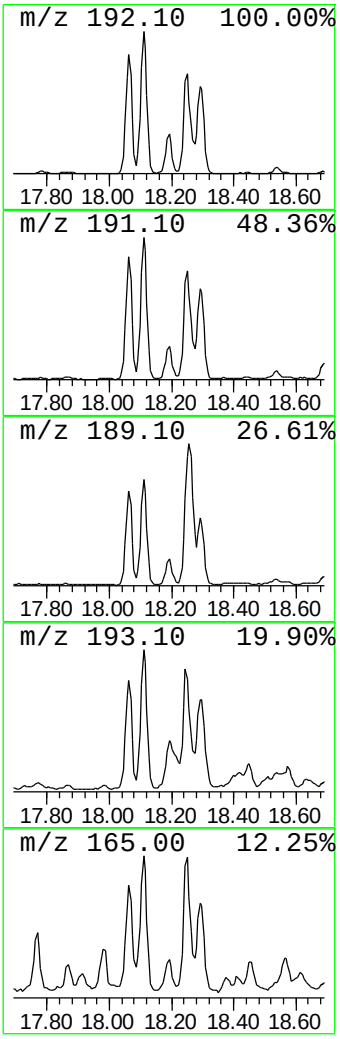
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.29 ng/ul	634674	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





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Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

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Quant Title : SVOA CALIBRATION

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

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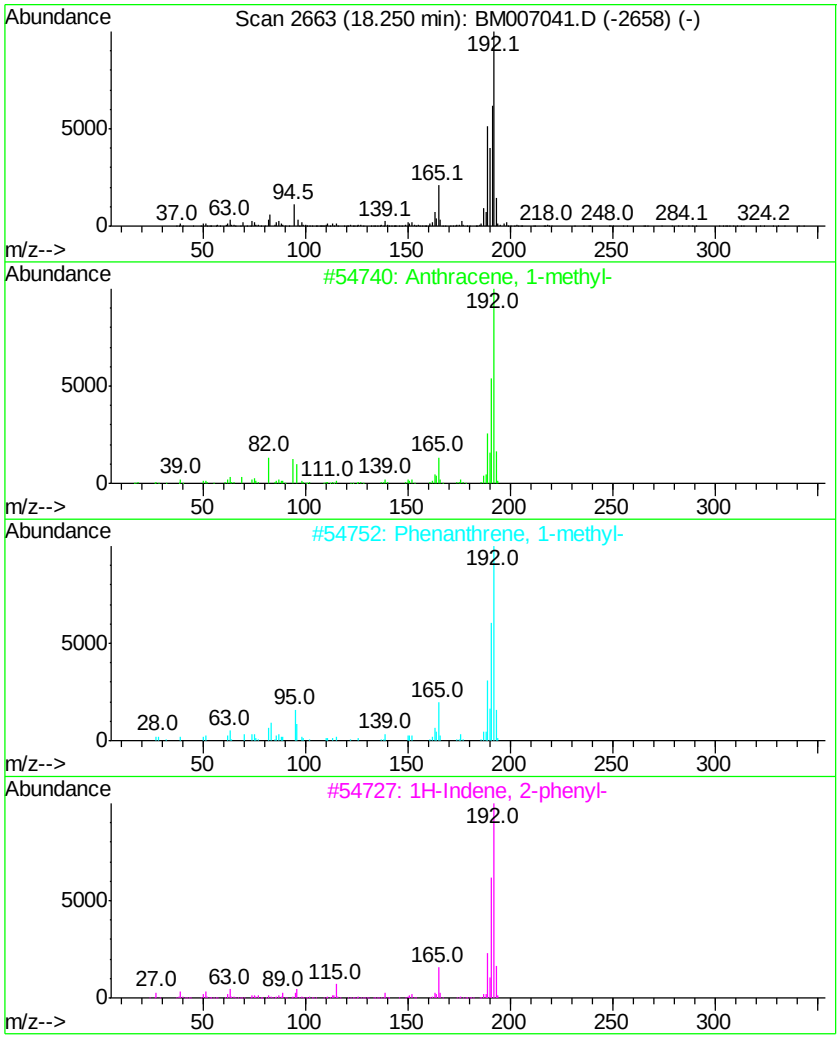
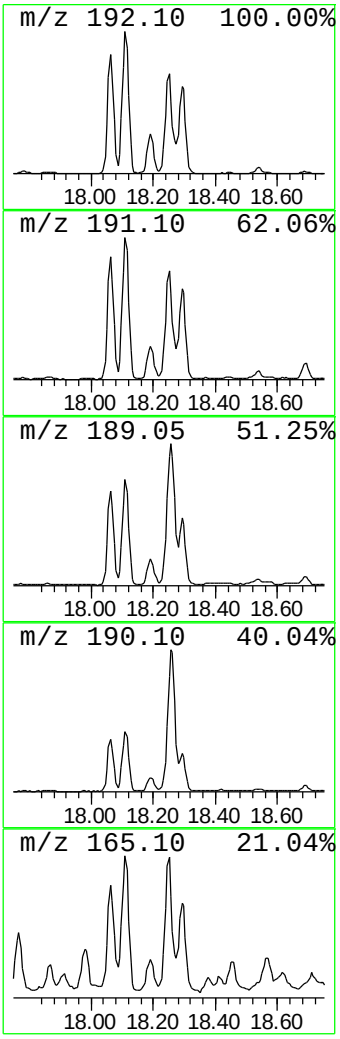
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	9.29 ng/ul	2574520	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64





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Sample : H4387-11
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

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Quant Title : SVOA CALIBRATION

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

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Peak Number 11 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	5.80 ng/ul	1608550	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
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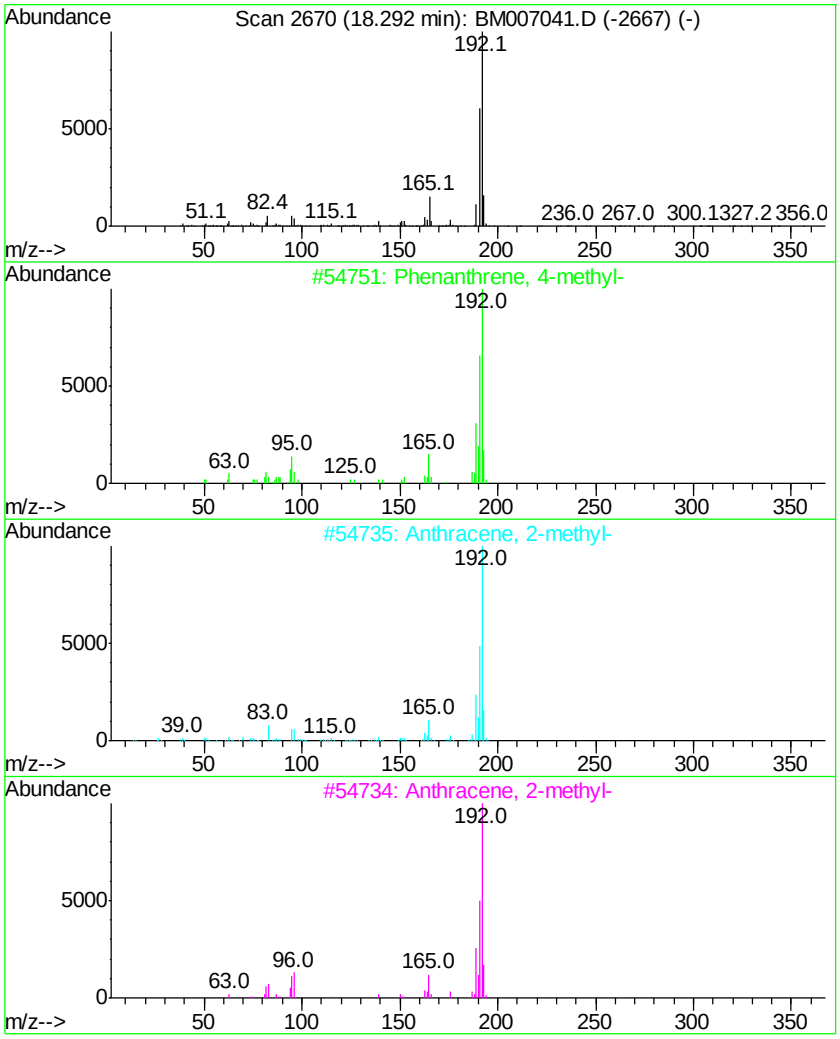

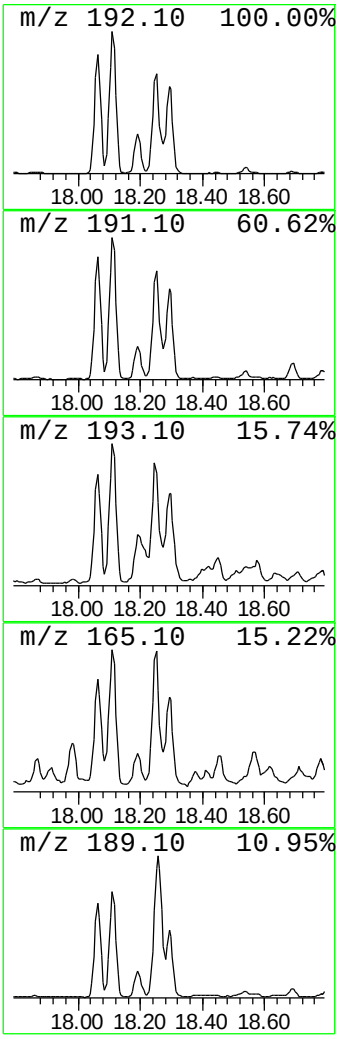

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Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

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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 12 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	3.21 ng/ul	889501	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
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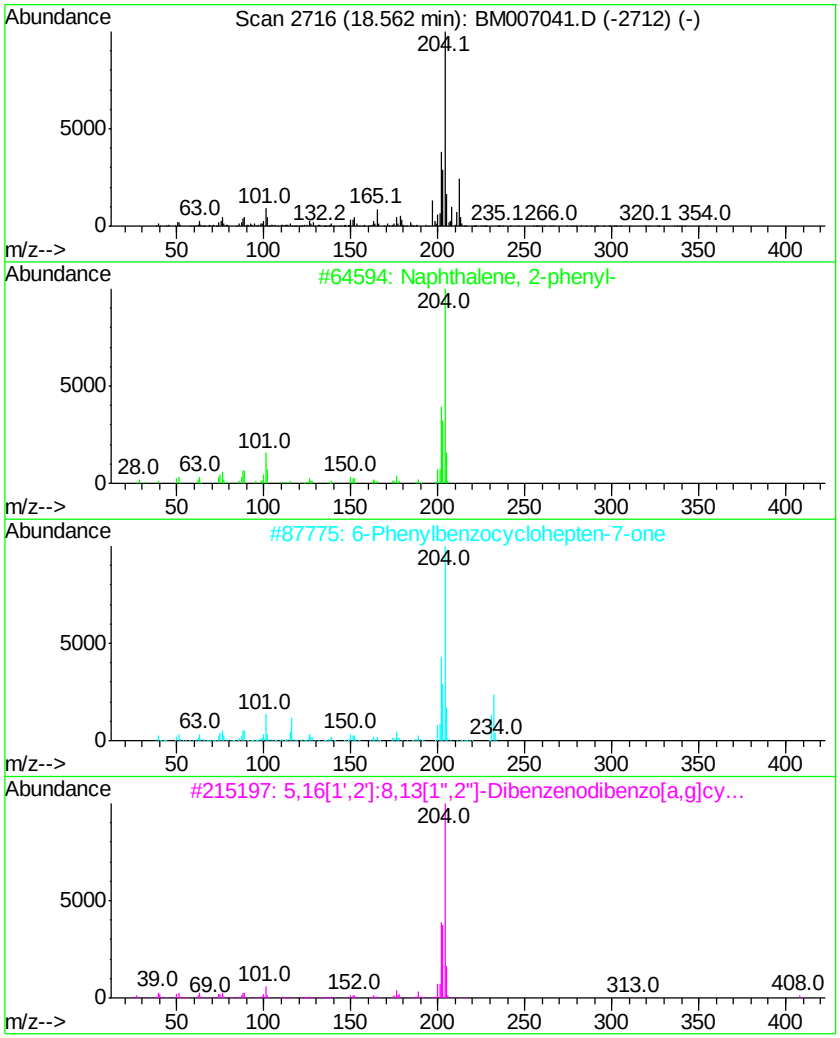

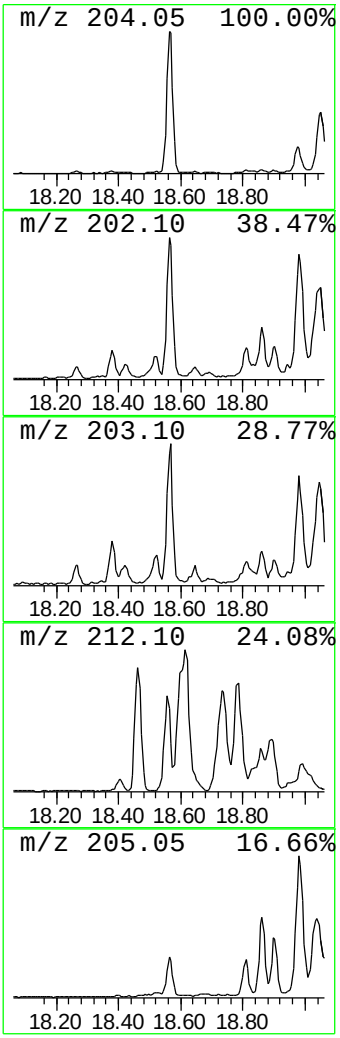

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Misc :
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Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

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Quant Title : SVOA CALIBRATION

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

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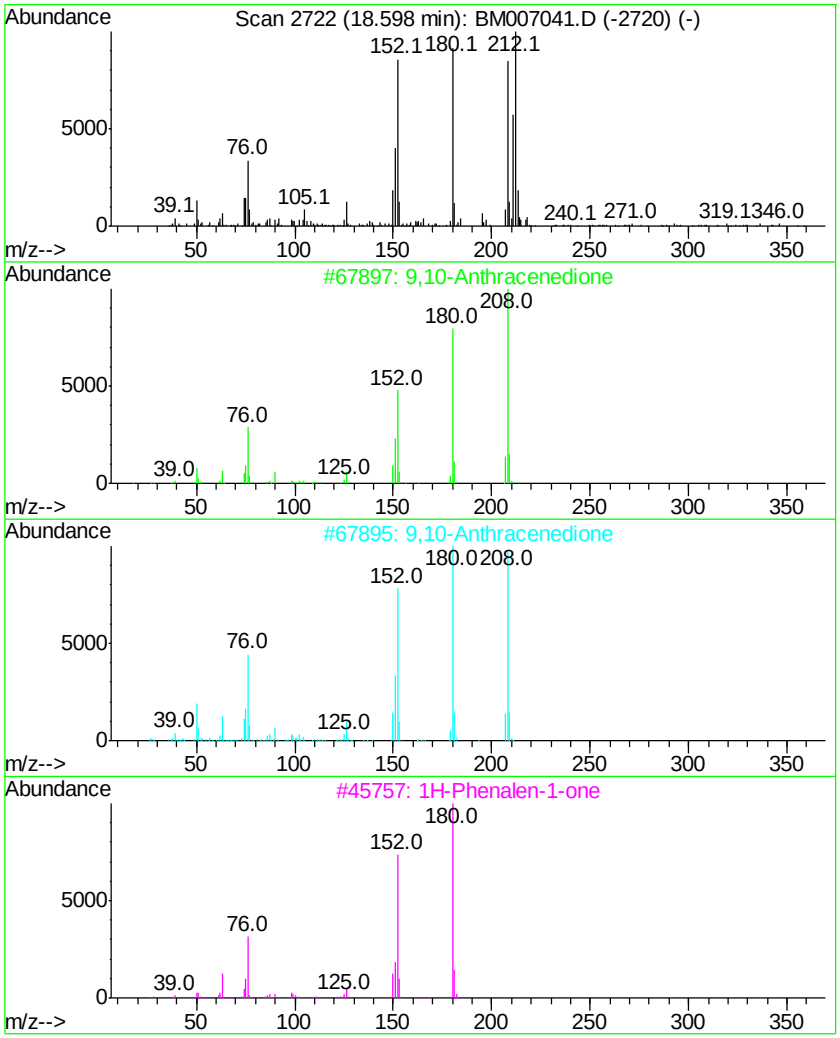
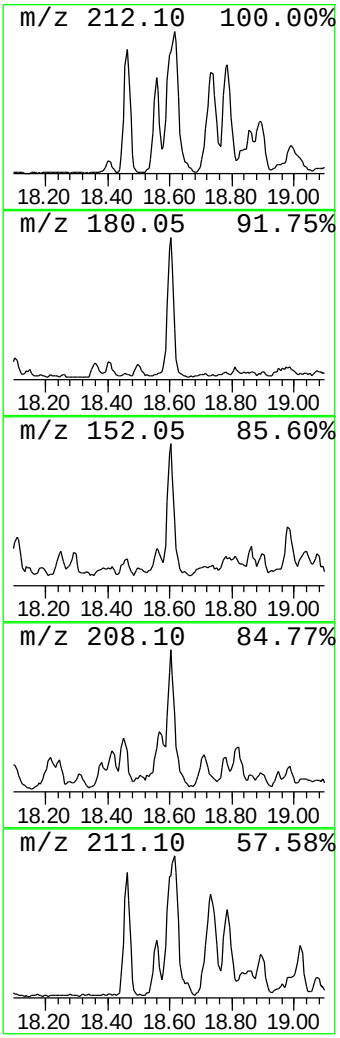
Peak Number 13 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	3.88 ng/ul	1074880	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	52
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	49
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	46





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Sample : H4387-11
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

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Quant Title : SVOA CALIBRATION

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

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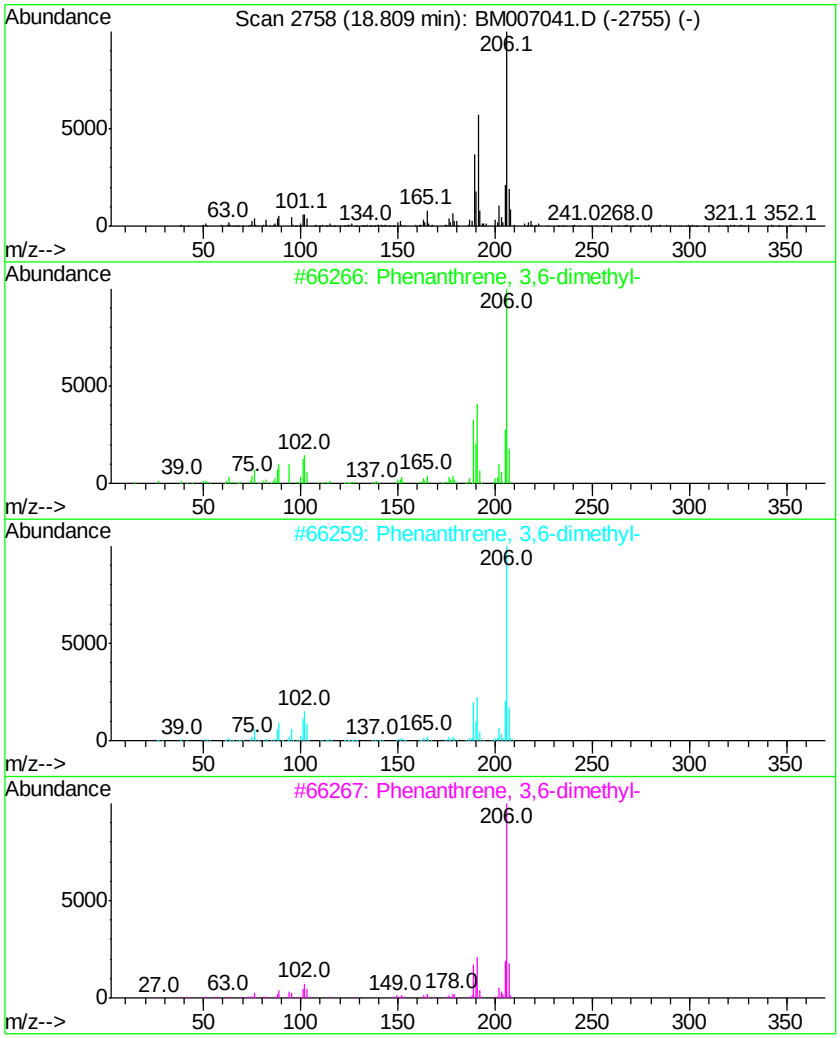
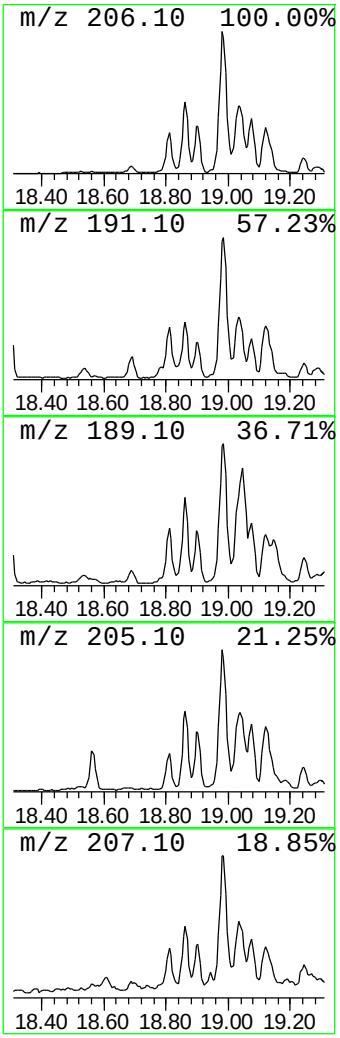
Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	3.00 ng/ul	831859	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89





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Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

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Quant Title : SVOA CALIBRATION

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

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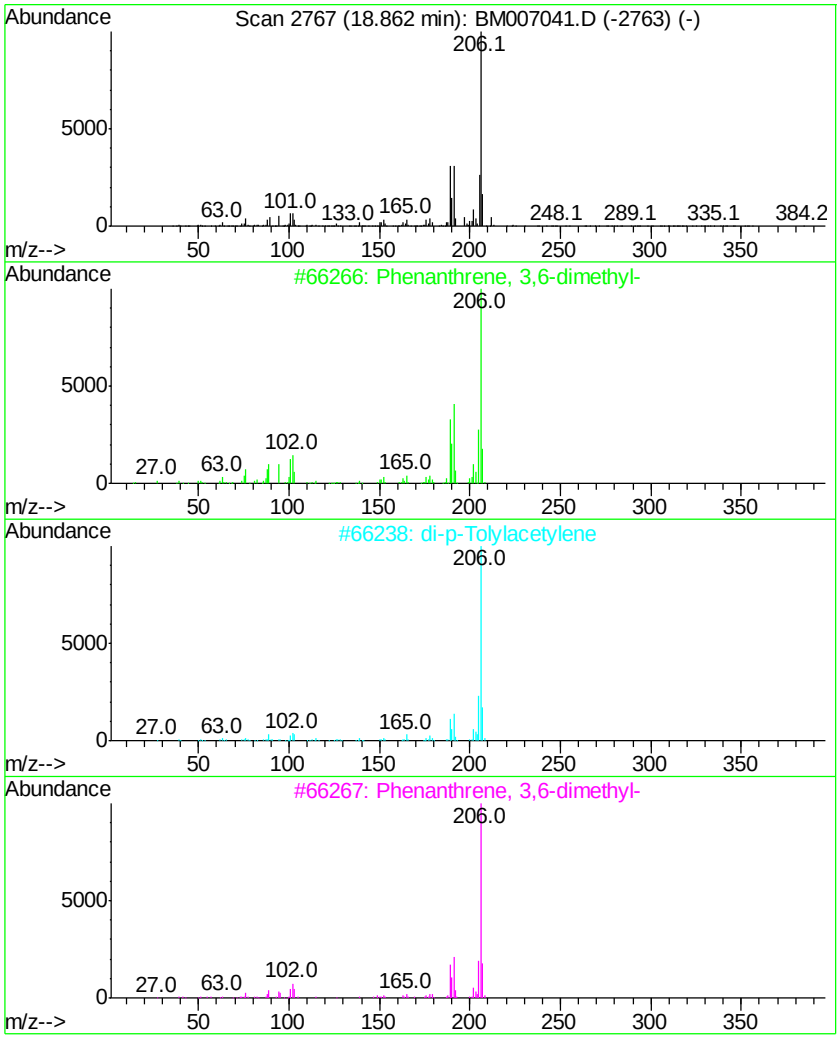
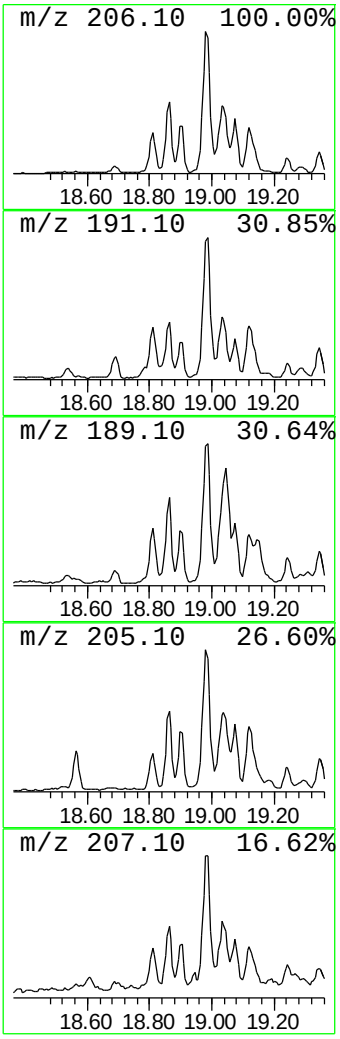
Peak Number 15 di-p-Tolylacetylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	4.38 ng/ul	1212670	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87





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Quant Title : SVOA CALIBRATION

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

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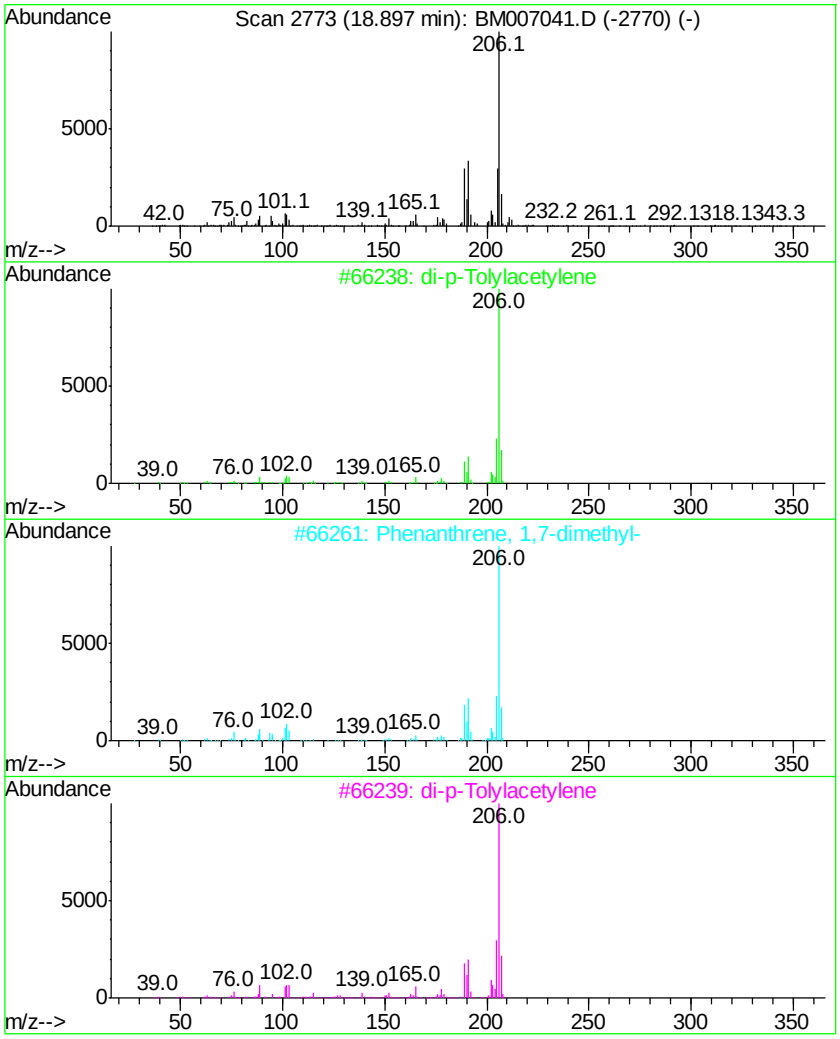
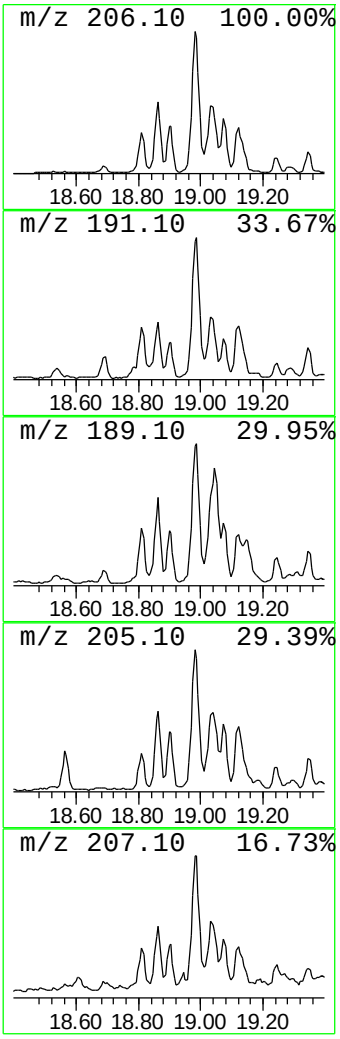
Peak Number 16 Phenanthrene, 2,7-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	3.05 ng/ul	846047	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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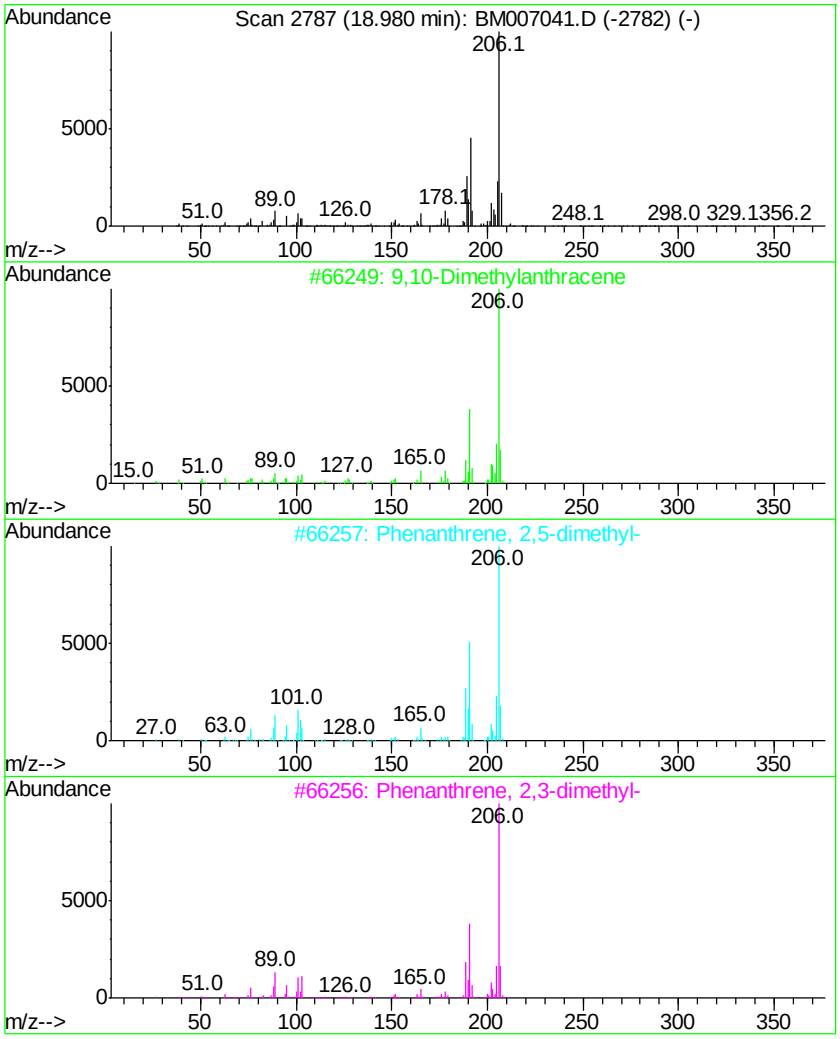
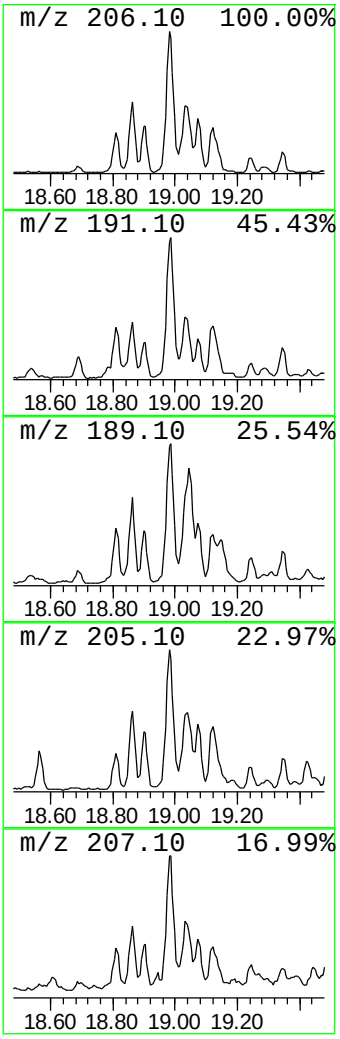
Peak Number 17 9,10-Dimethylanthracene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	10.34 ng/ul	2865490	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Acq On : 12 Aug 2016 13:35
Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

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Quant Title : SVOA CALIBRATION

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

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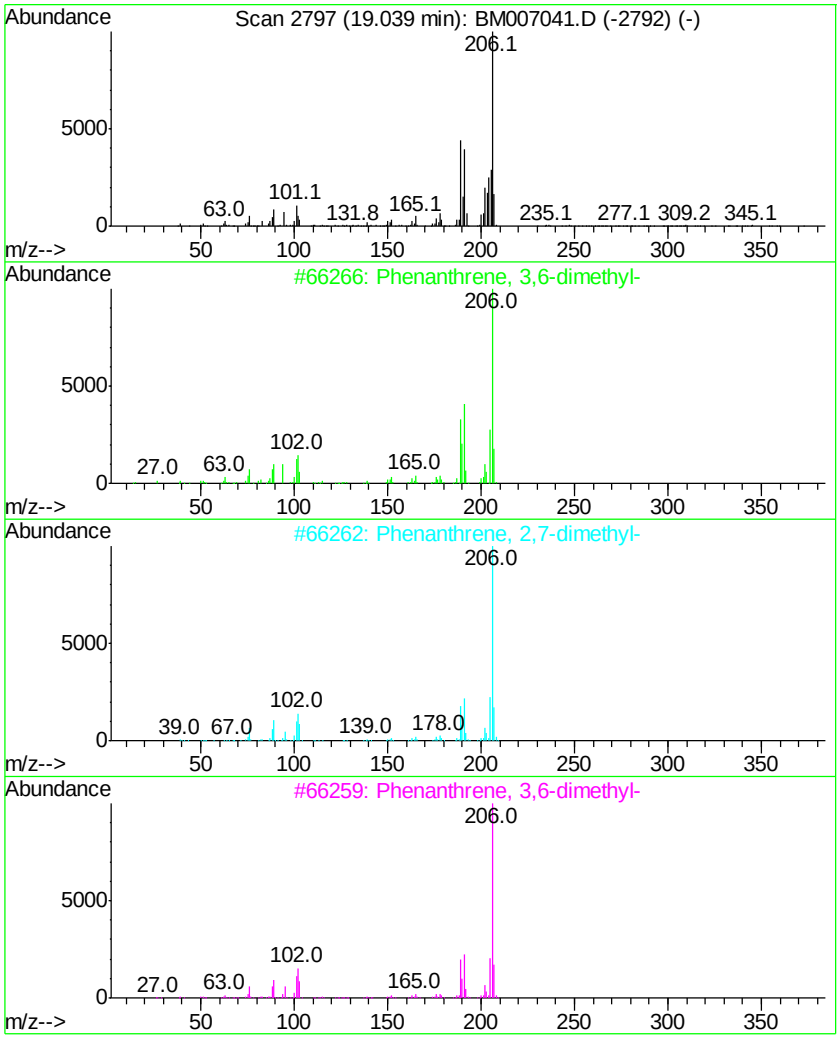
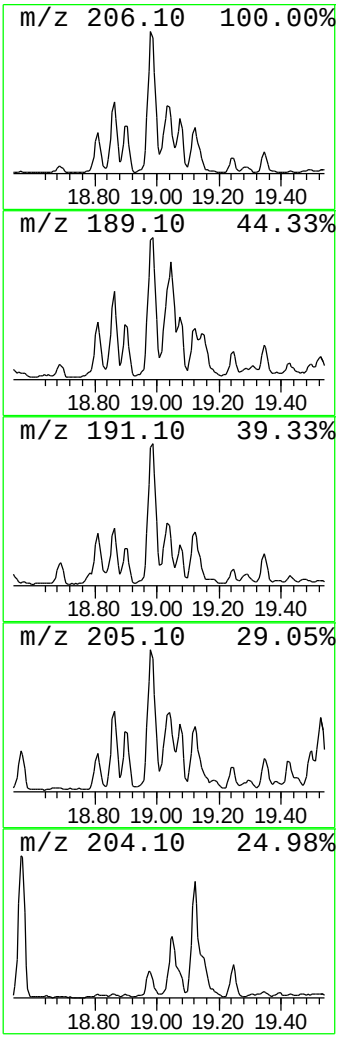
Peak Number 18 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	5.58 ng/ul	1545060	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	80





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Sample : H4387-11
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

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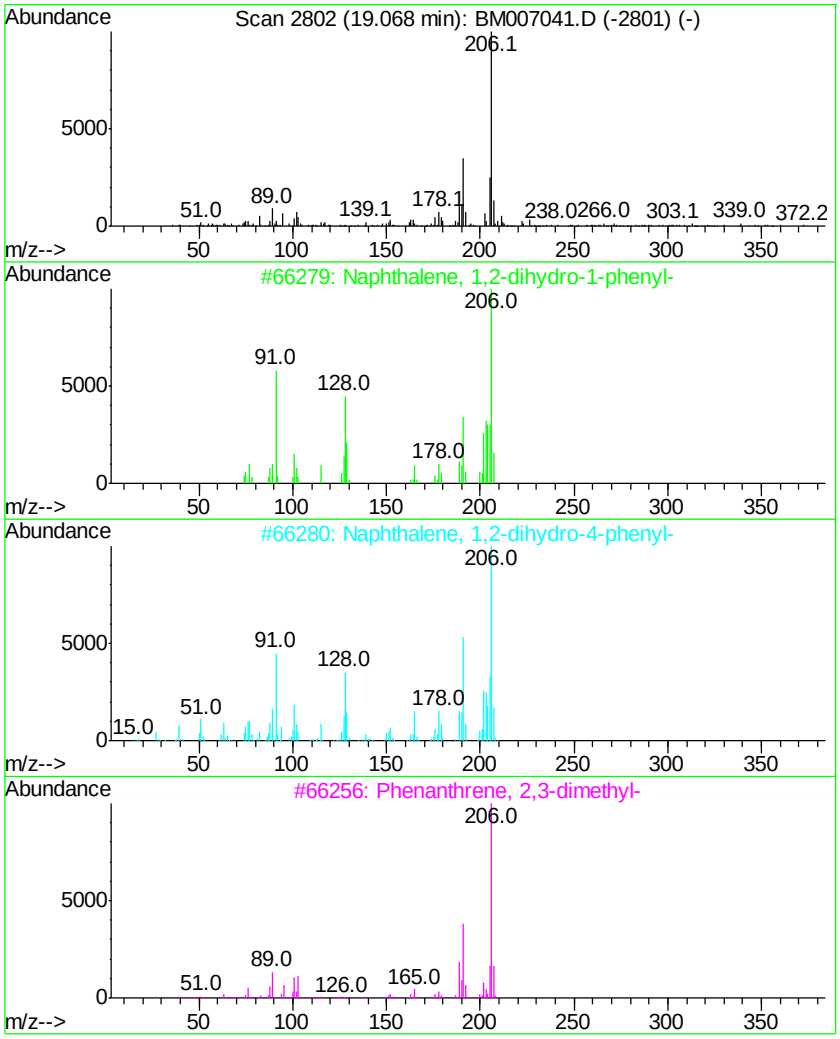
Quant Title : SVOA CALIBRATION

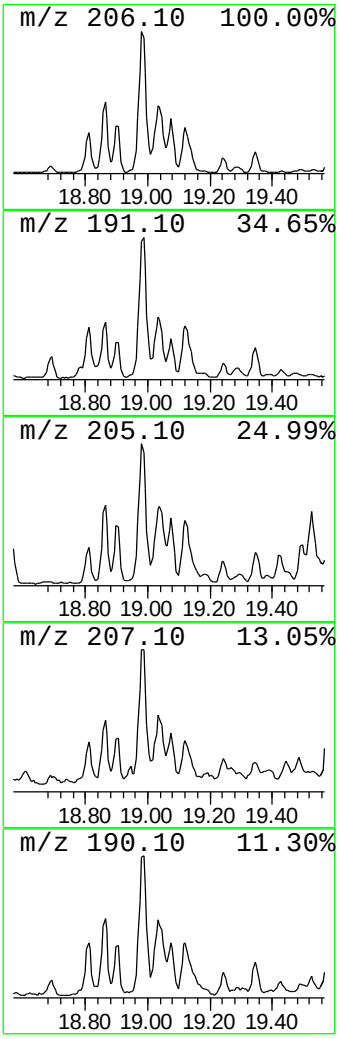
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 1,2-dihydro-1-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	2.45 ng/ul	678731	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	93
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





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ClientSampleId : P003-SS003-0612-01

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Quant Title : SVOA CALIBRATION

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

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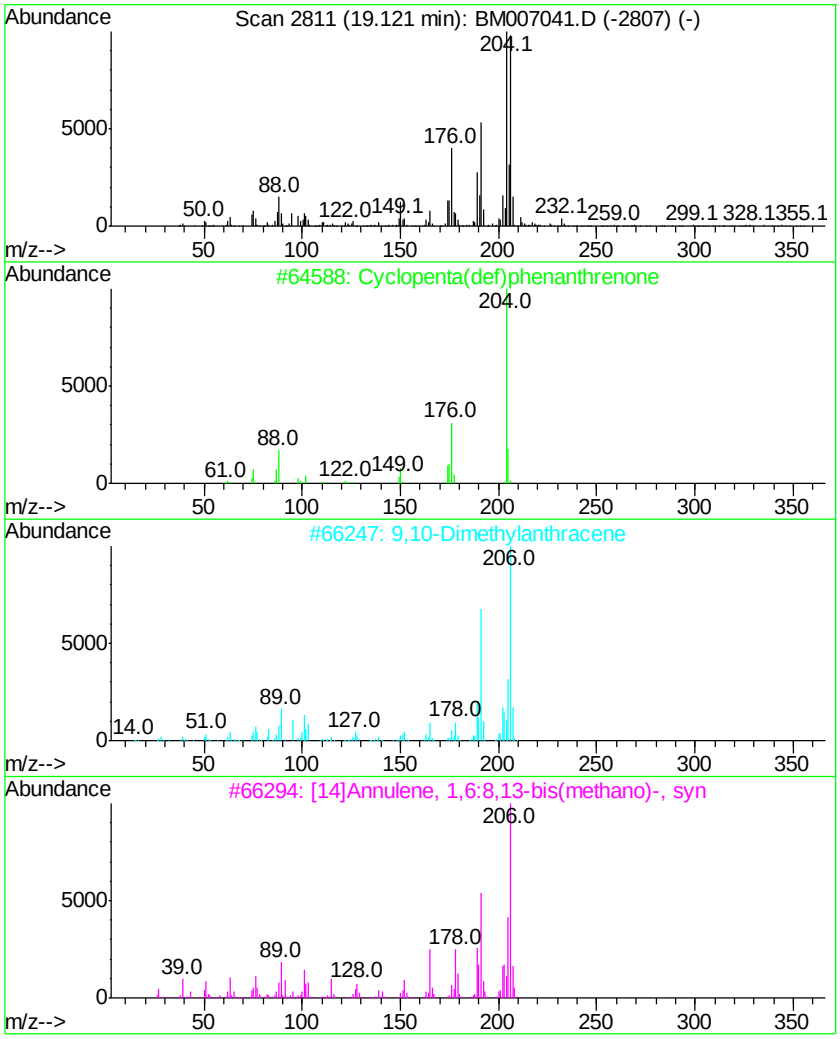
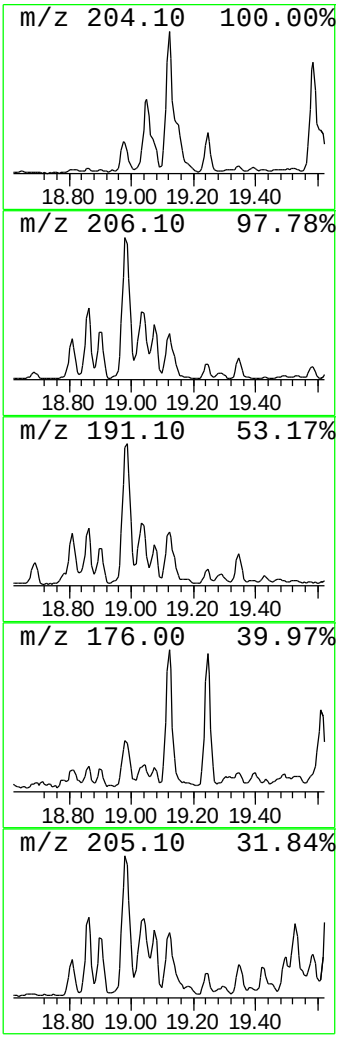
Peak Number 20 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	6.24 ng/ul	1728470	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	55
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	50





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Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

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Quant Title : SVOA CALIBRATION

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

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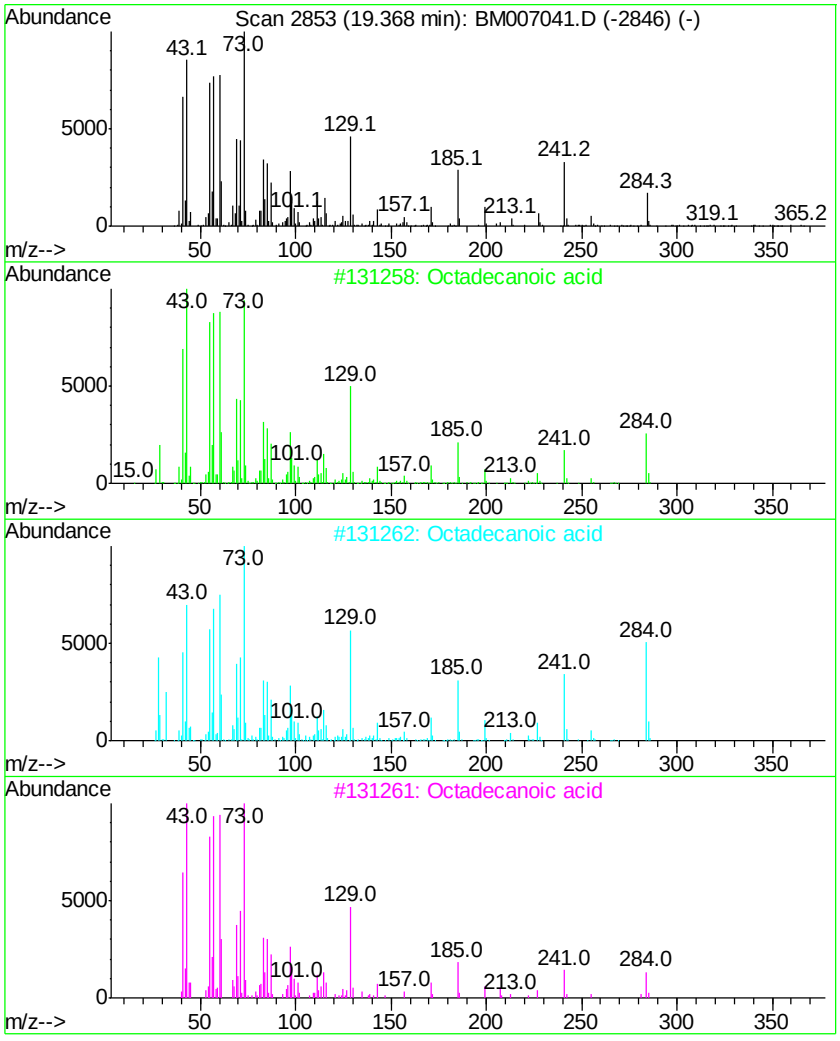
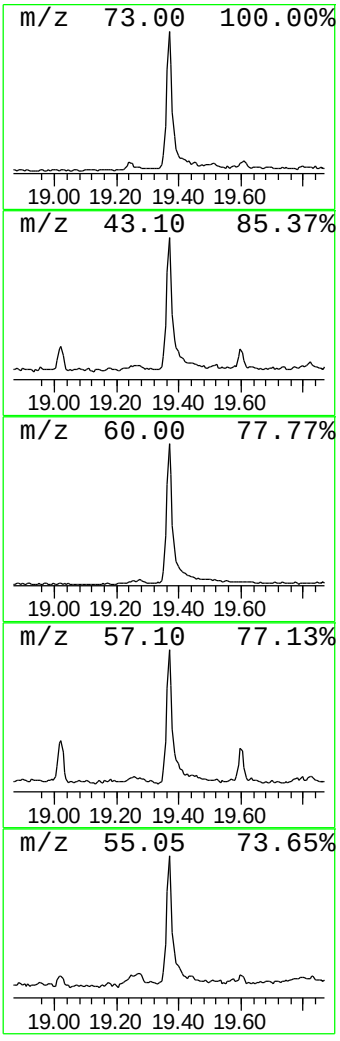
Peak Number 21 Octadecanoic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.48 ng/ul	1490680	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





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Sample : H4387-11
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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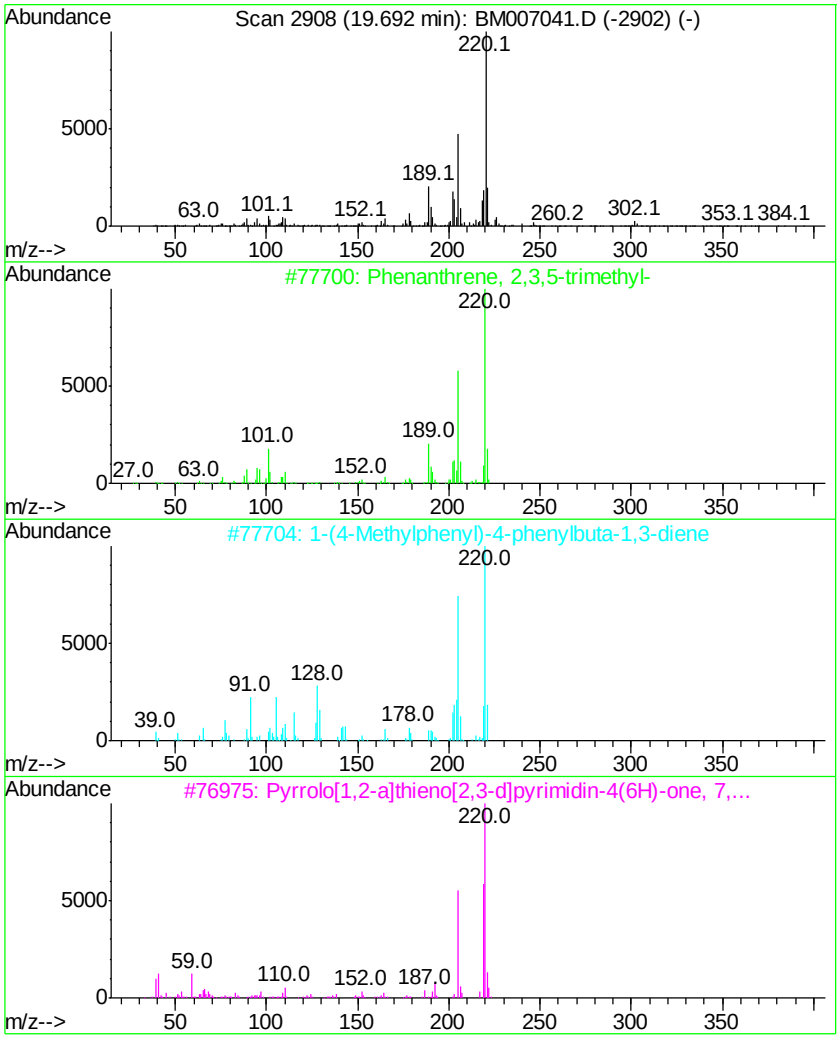
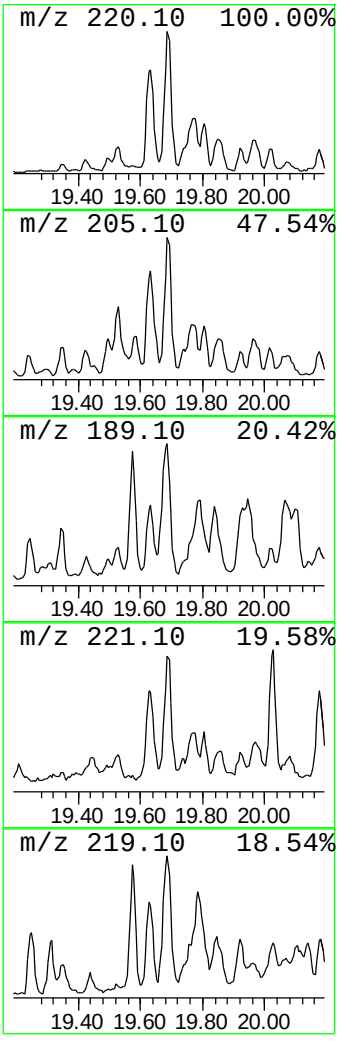
Peak Number 22 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	2.43 ng/ul	1459580	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	89
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	74
3	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	49
4	Phenmethylcyanide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	47
5	6,7,8,9-Tetrahydro-5-methylisoth...	220	C11H12N2OS	339156-87-5	40





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

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Quant Title : SVOA CALIBRATION

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

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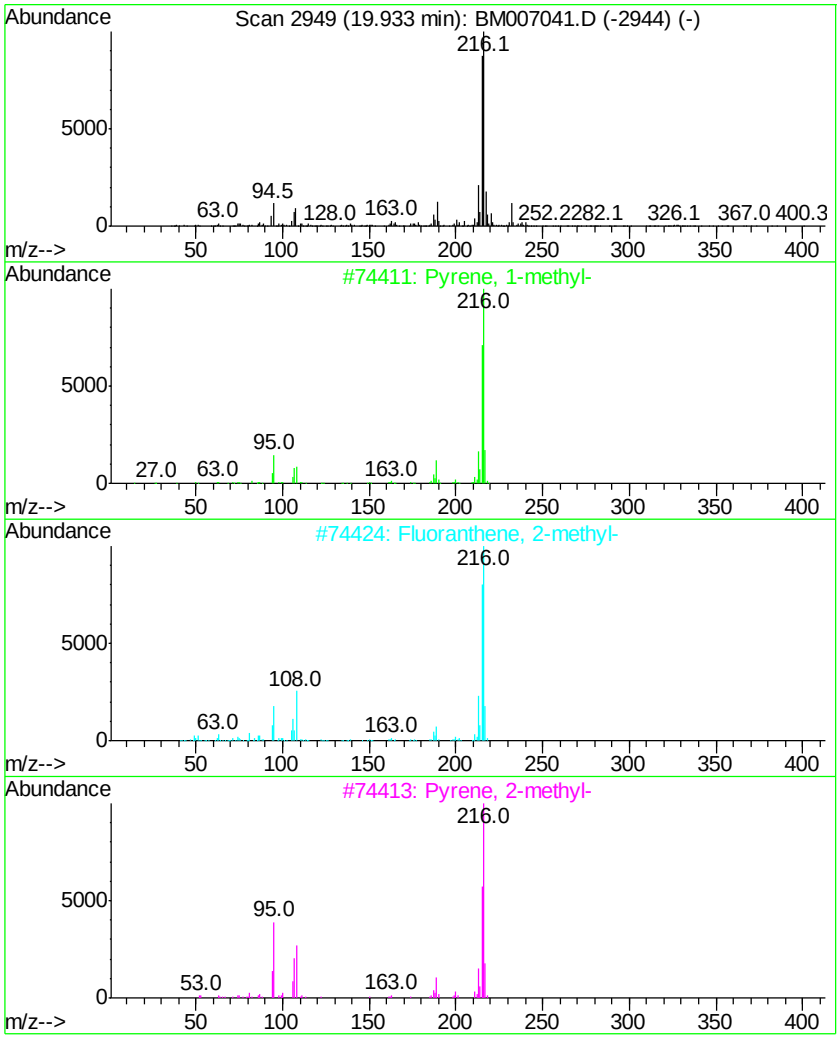
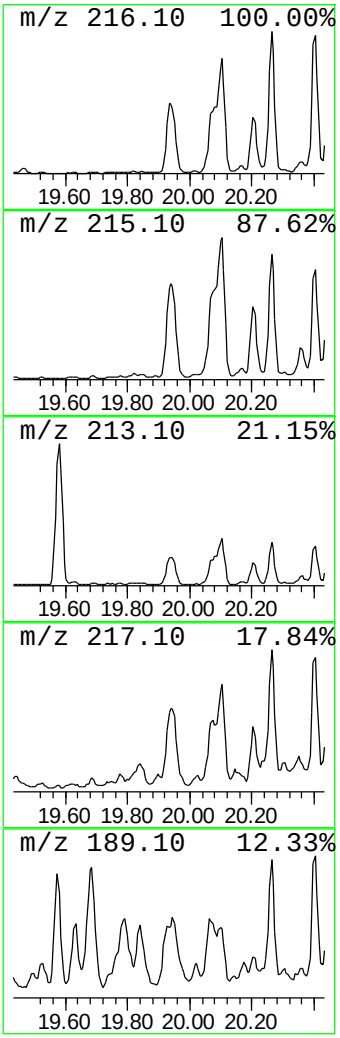
Peak Number 23 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	4.01 ng/ul	2413500	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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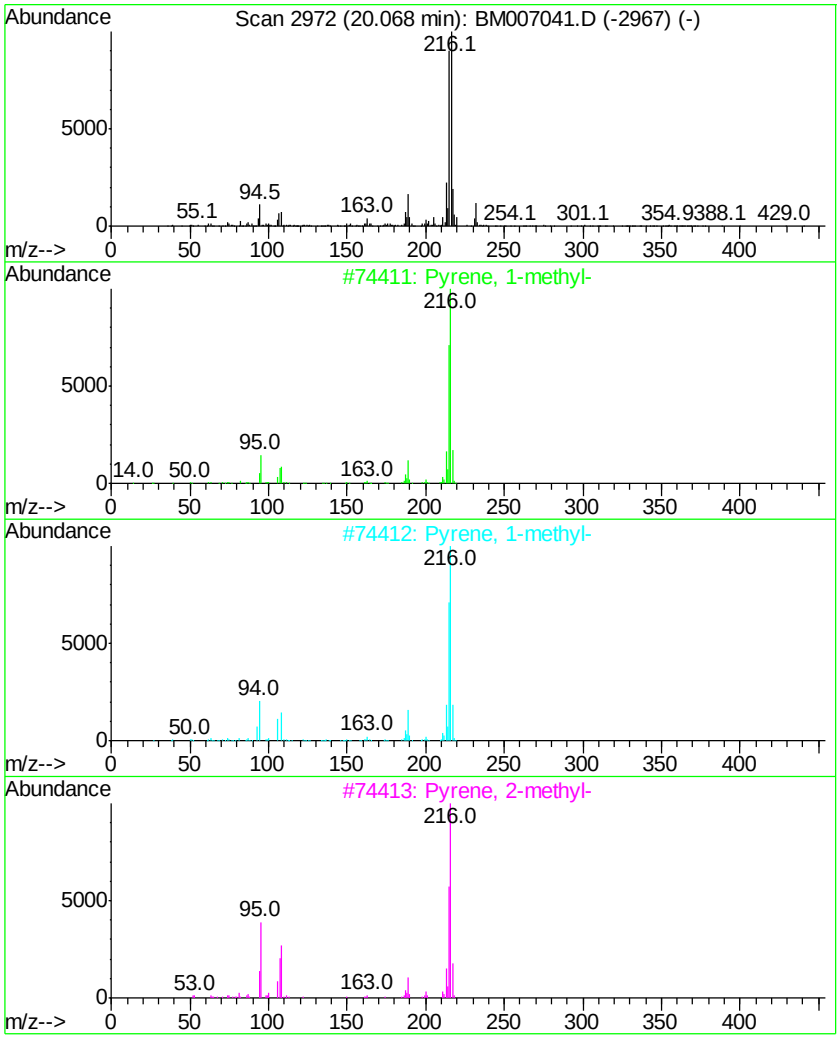
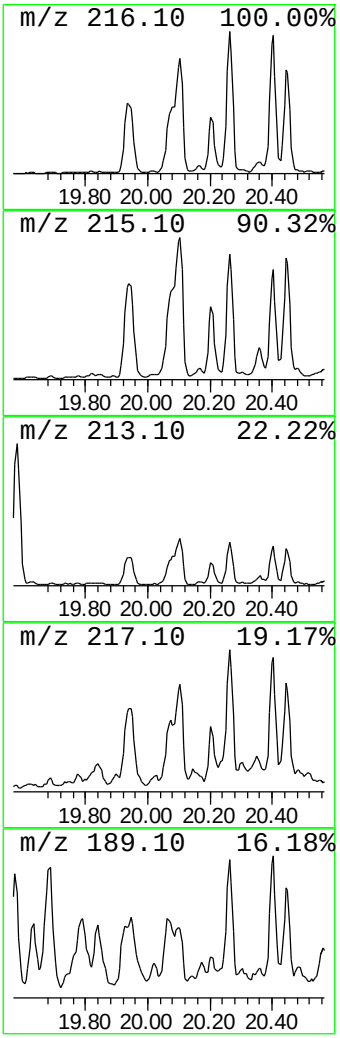
Peak Number 24 unknown-03 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	2.72 ng/ul	1634830	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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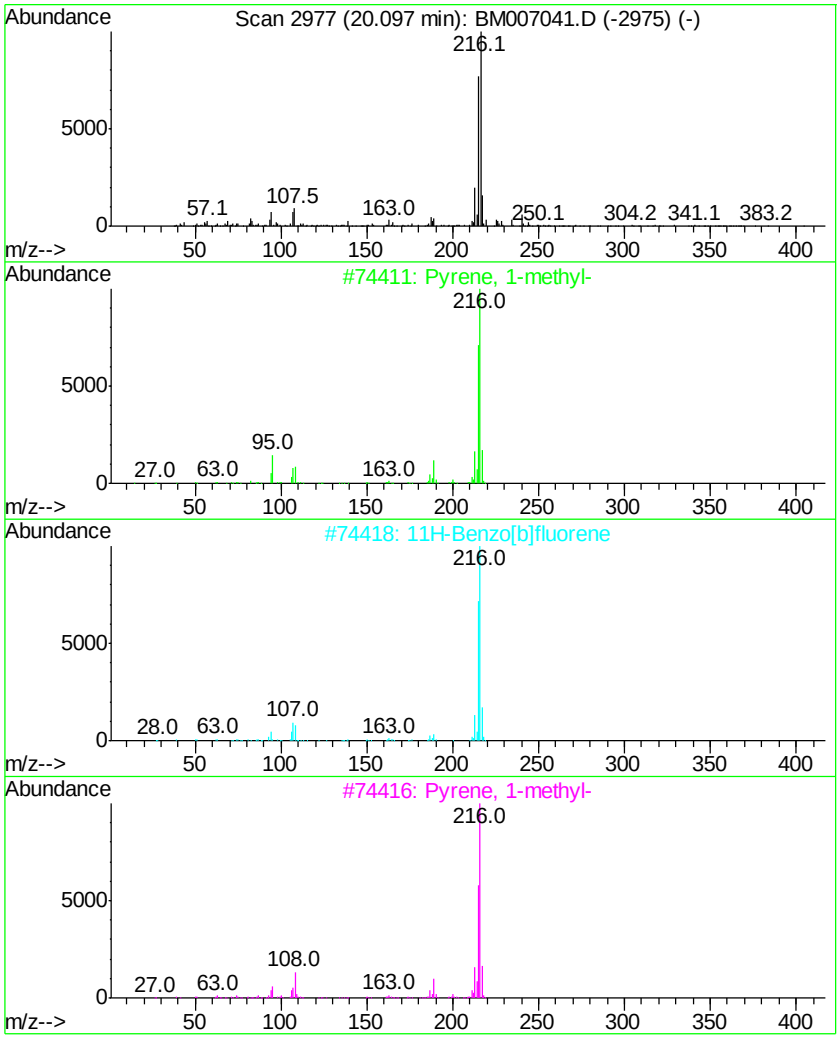
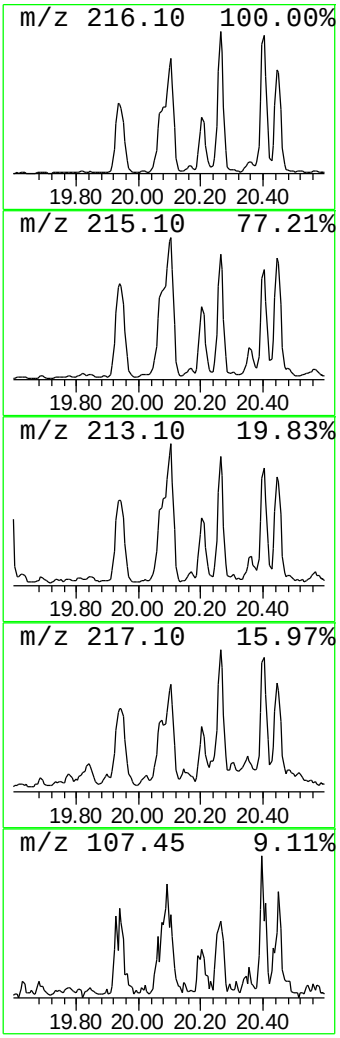
Peak Number 25 11H-Benzo[a]fluorene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.74 ng/ul	1648340	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Quant Title : SVOA CALIBRATION

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

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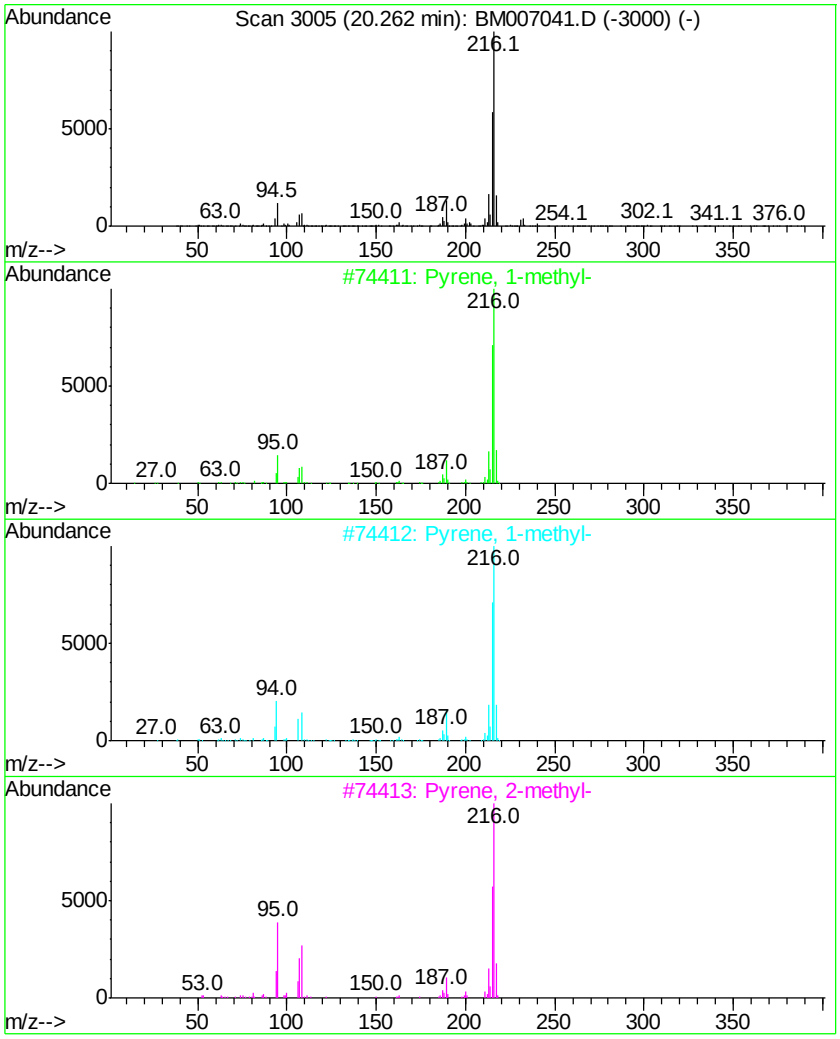
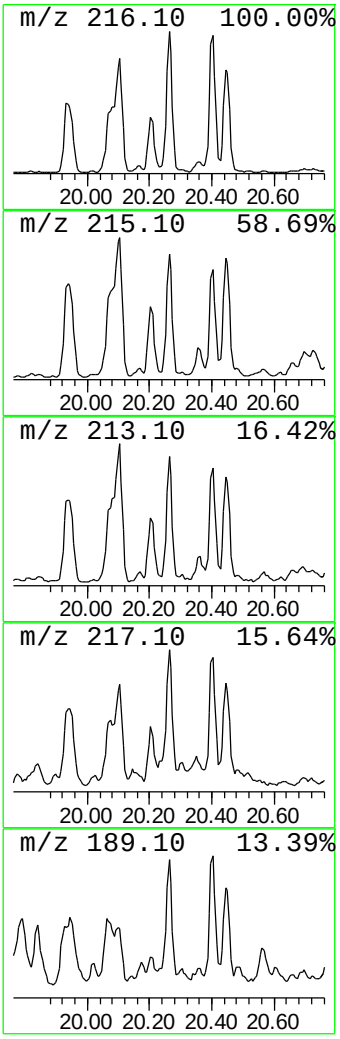
Peak Number 26 unknown-04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	3.25 ng/ul	1952720	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





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Quant Title : SVOA CALIBRATION

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

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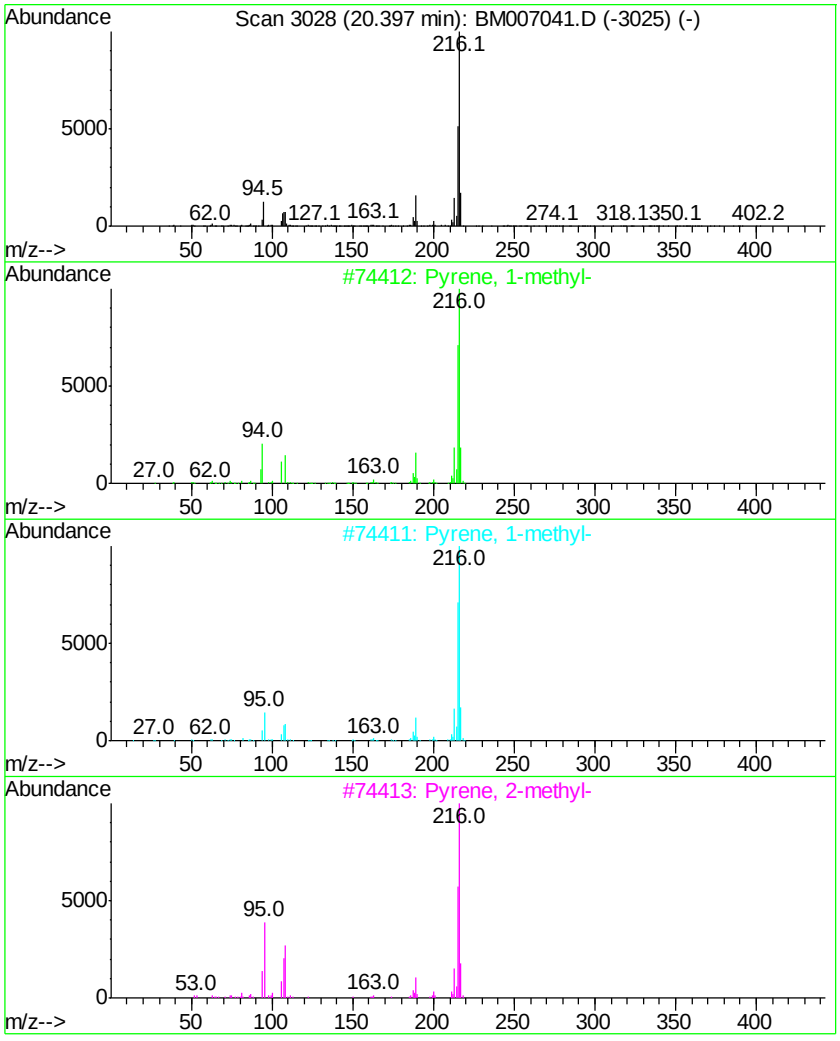
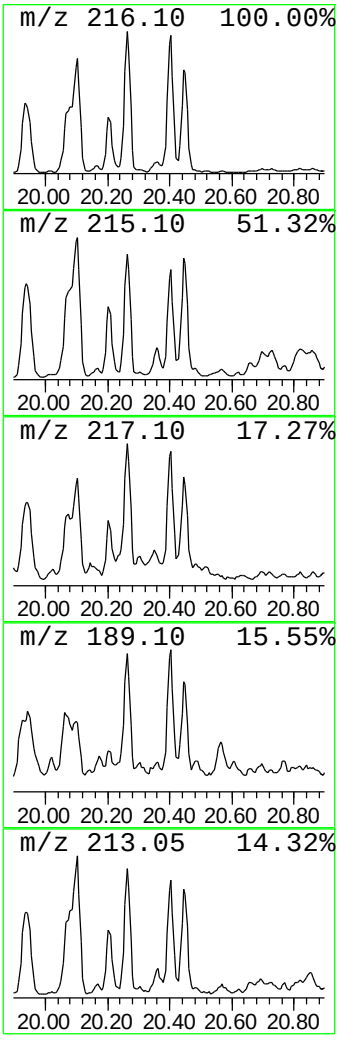
Peak Number 27 unknown-05 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	2.43 ng/ul	1460910	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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ClientSampleId : P003-SS003-0612-01

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Quant Title : SVOA CALIBRATION

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

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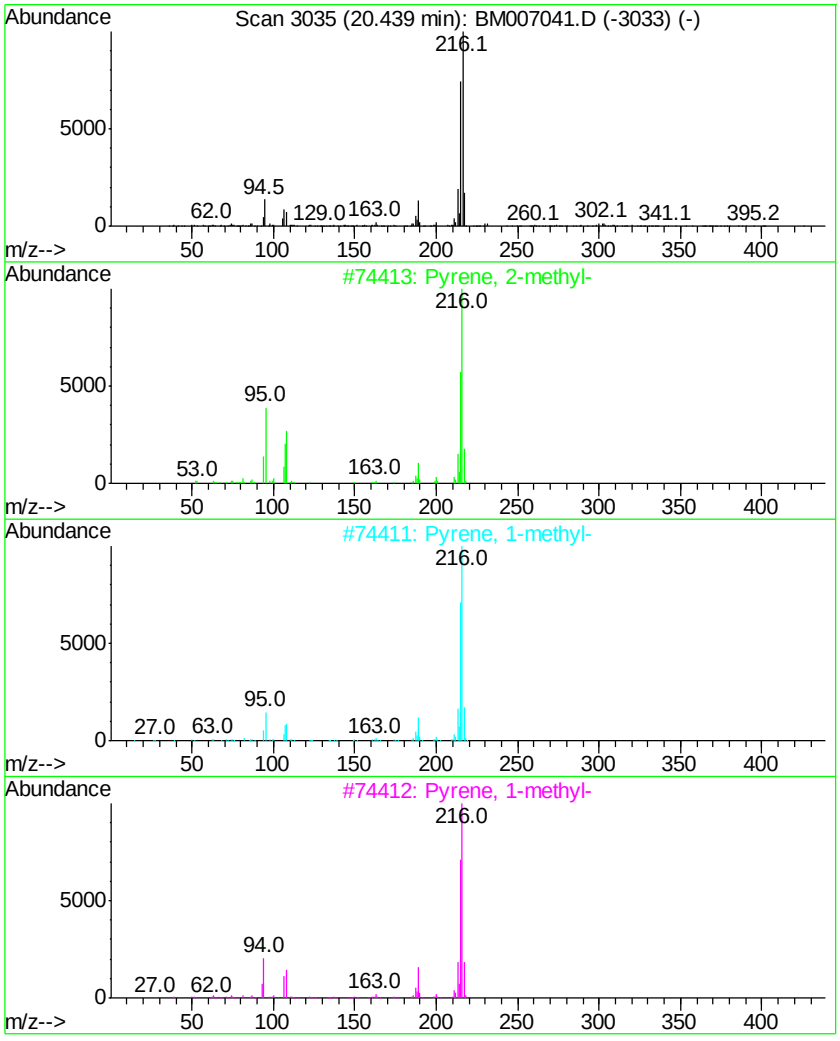
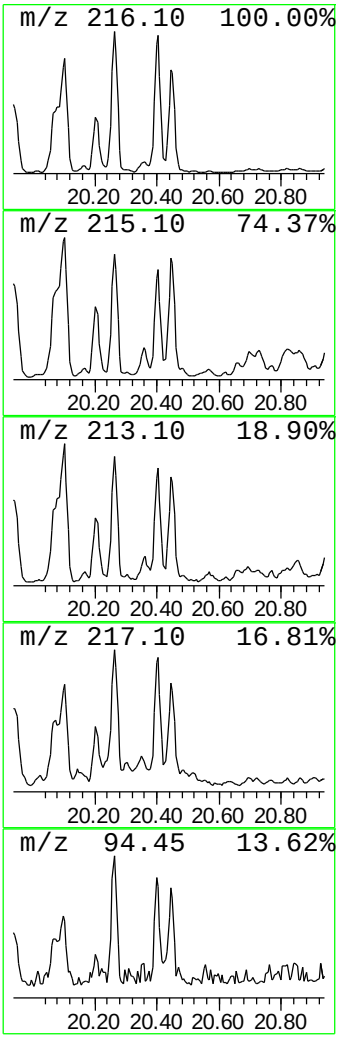
Peak Number 28 Fluoranthene, 2-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	2.20 ng/ul	1324470	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

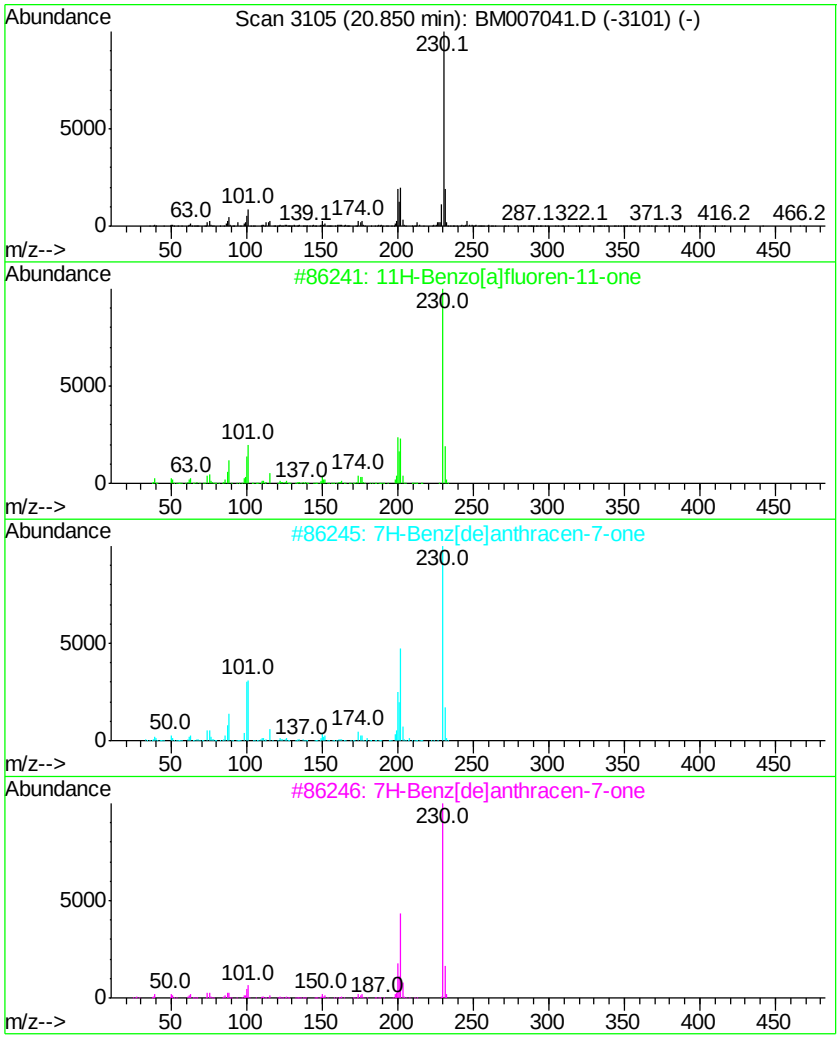
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

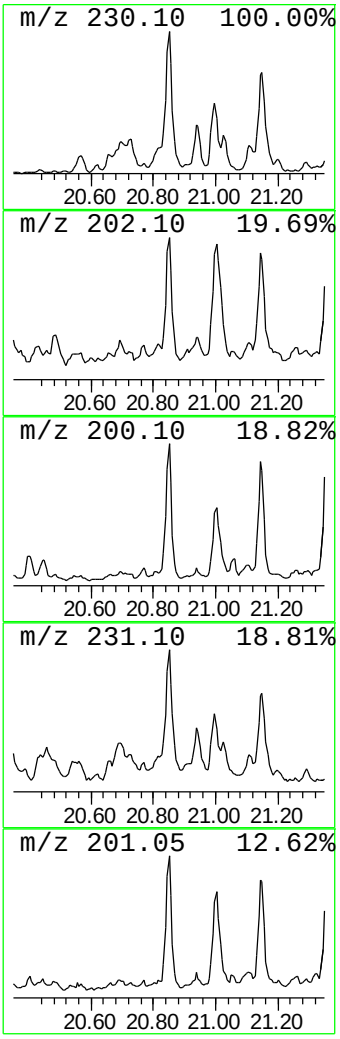
****

Peak Number 29 11H-Benzo[a]fluoren-11-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	3.01 ng/ul	1812260	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





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Data File : BM007041.D
Acq On : 12 Aug 2016 13:35
Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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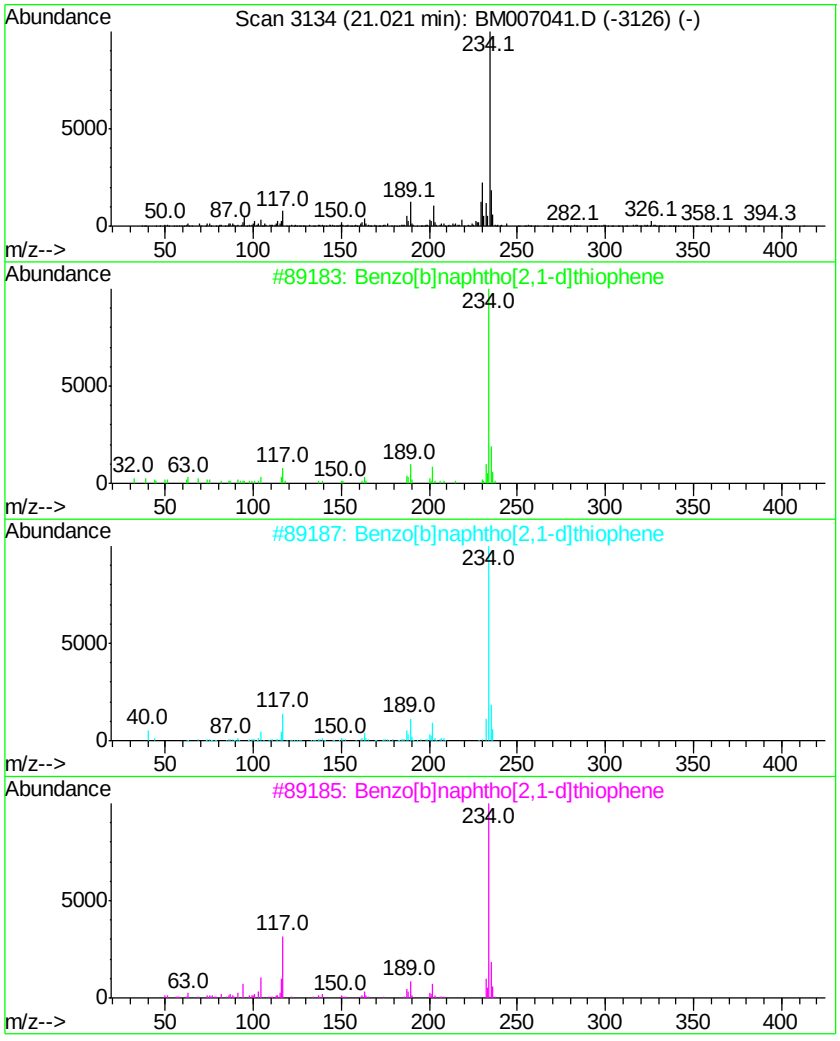
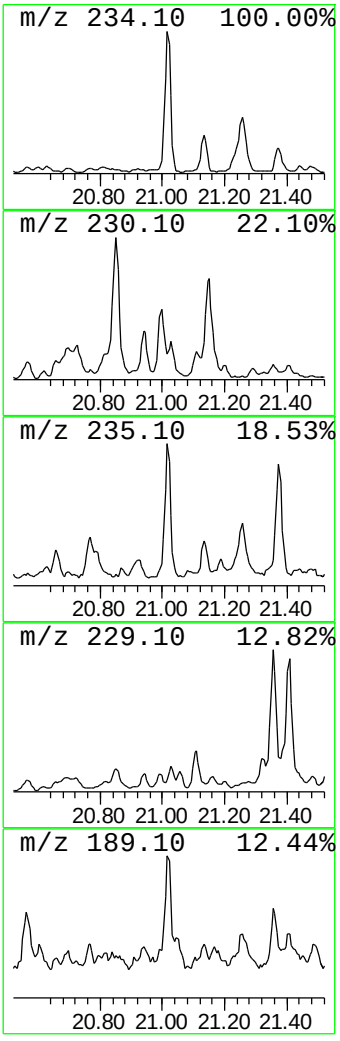
Peak Number 30 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.55 ng/ul	2136940	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007041.D
Acq On : 12 Aug 2016 13:35
Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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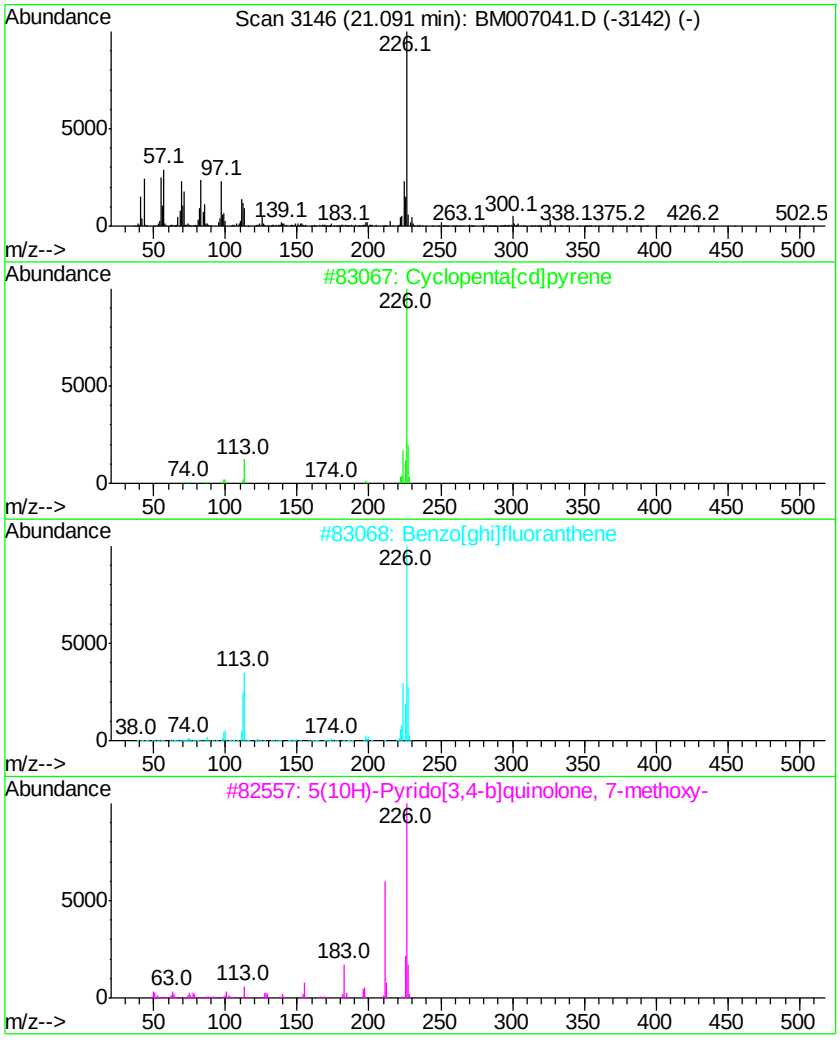
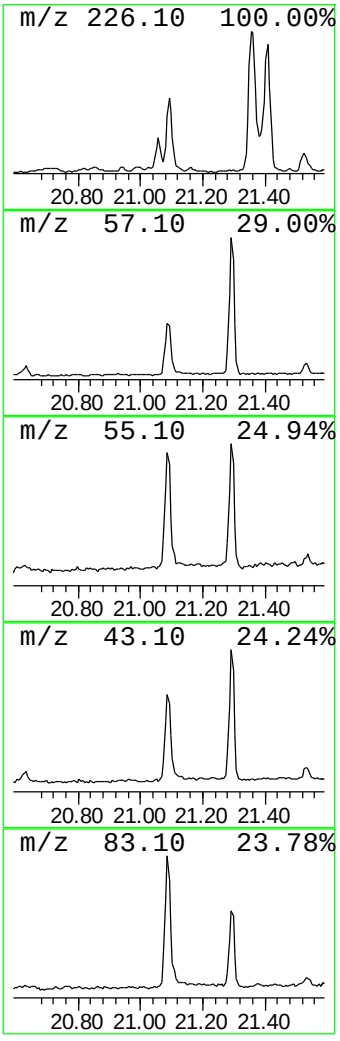
Peak Number 31 unknown-06 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	3.73 ng/ul	2240180	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	37
3	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	25
4	Cyclopentylmethylamine, N,N-dihe...	295	C20H41N	1000310-50-0	23
5	Isonipecotic acid, N-(cyclohexyl...	337	C20H35NO3	1000361-03-0	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007041.D
Acq On : 12 Aug 2016 13:35
Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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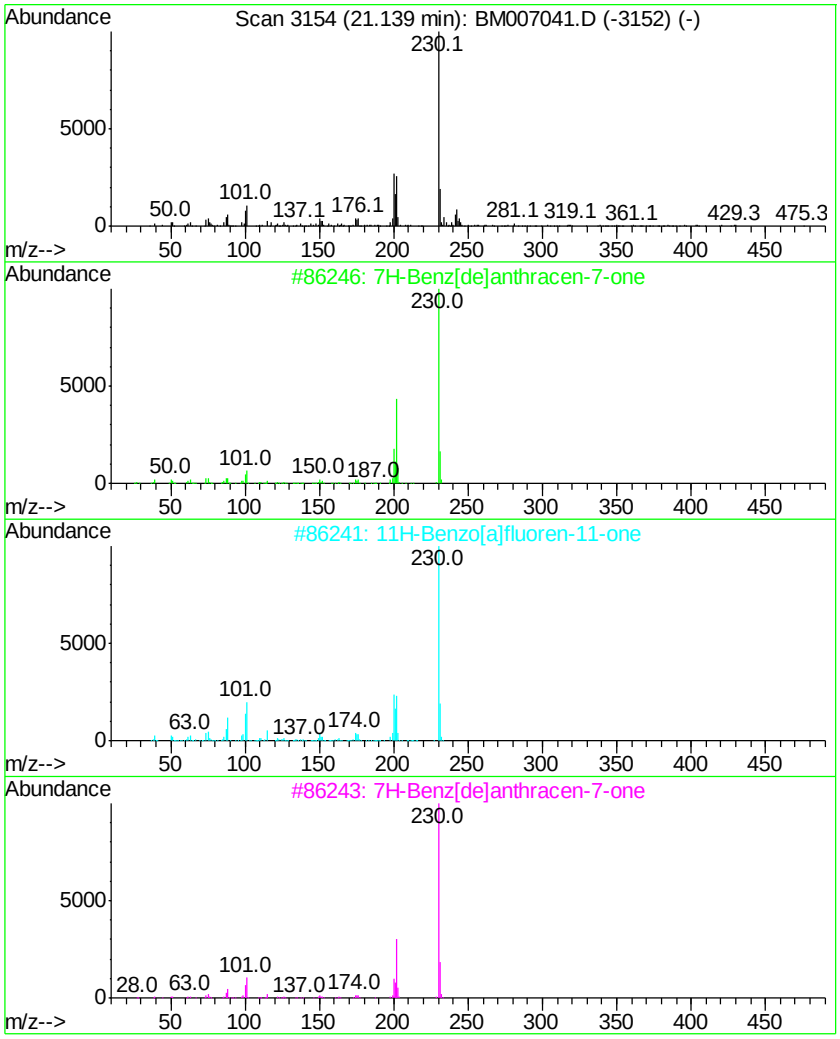
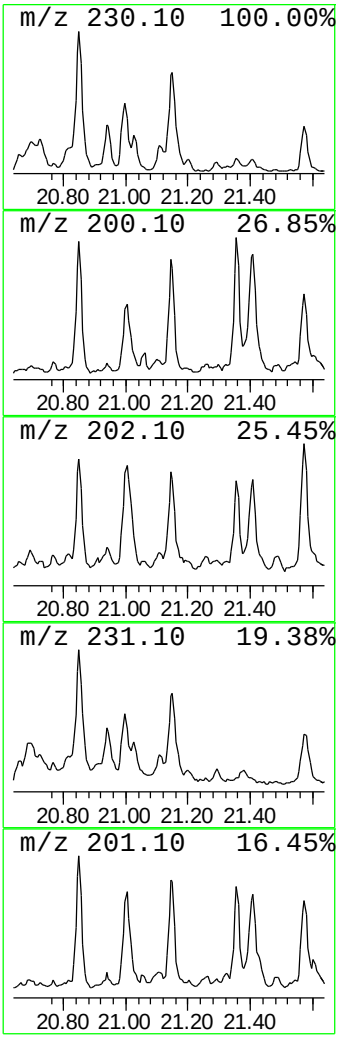
Peak Number 32 7H-Benz[de]anthracen-7-one Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	2.04 ng/ul	1224650	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007041.D
Acq On : 12 Aug 2016 13:35
Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

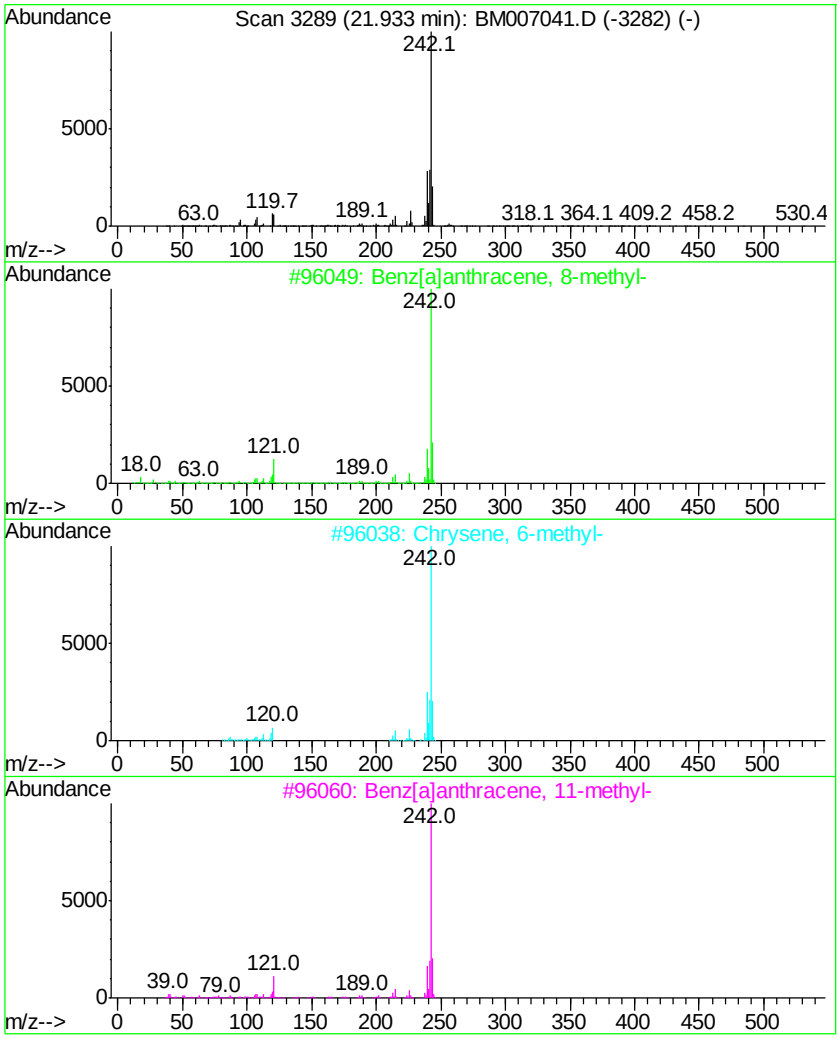
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

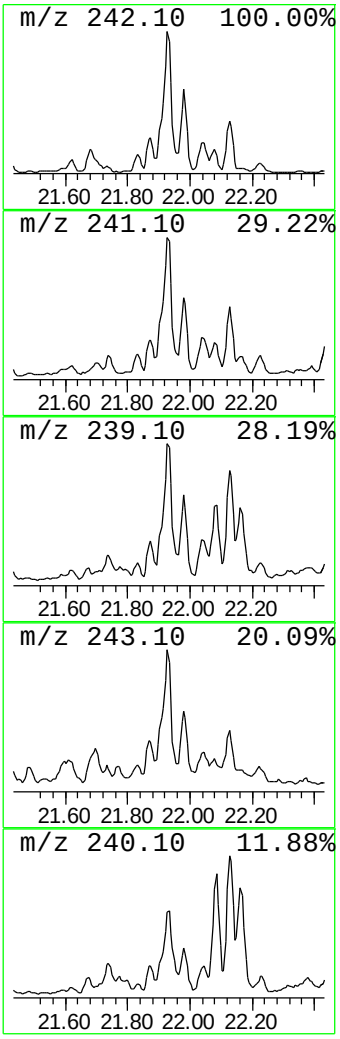
****

Peak Number 33 Benz[a]anthracene, 8-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	3.61 ng/ul	2169850	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	94
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	93
3	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	93
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91





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Data File : BM007041.D
Acq On : 12 Aug 2016 13:35
Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

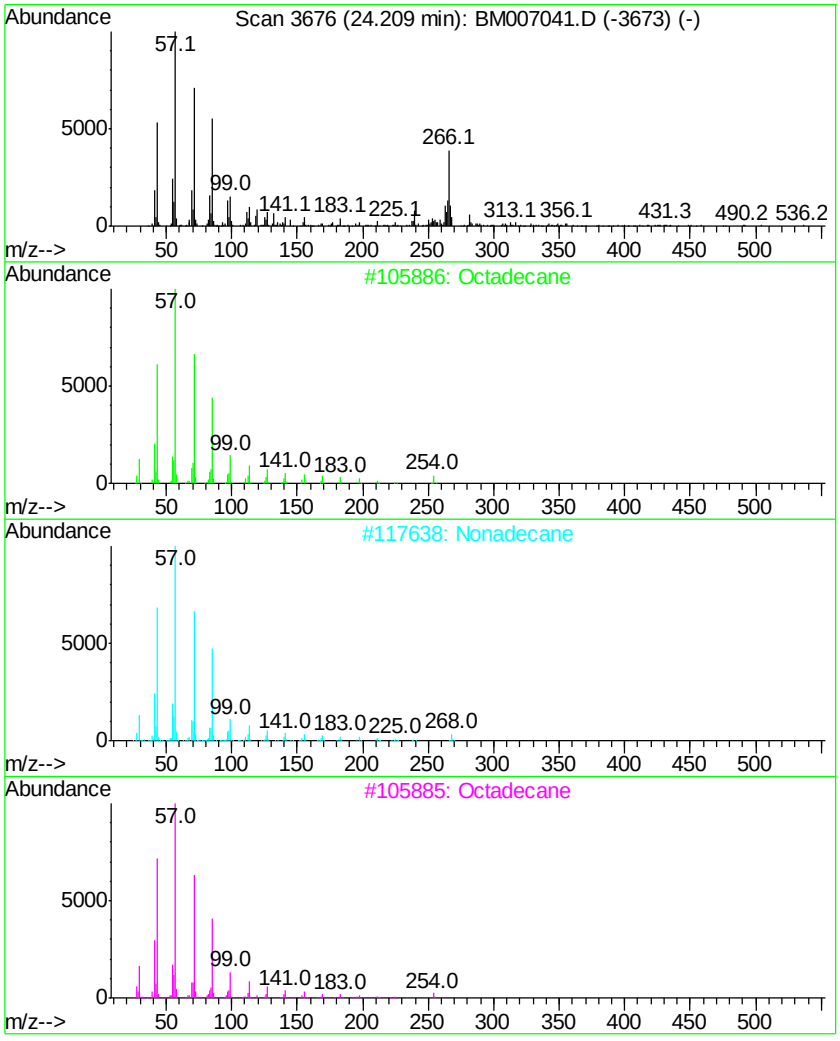
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

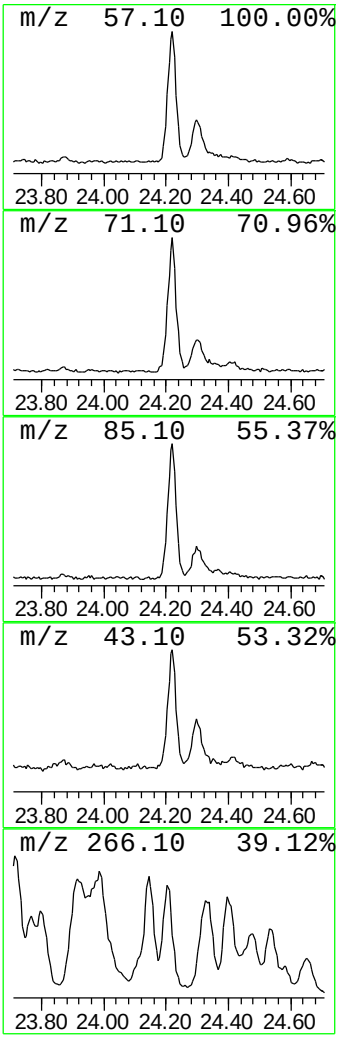
****

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	4.54 ng/ul	1198170	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Nonadecane	268	C19H40	000629-92-5	95
3	Octadecane	254	C18H38	000593-45-3	93
4	Octadecane	254	C18H38	000593-45-3	93
5	Eicosane	282	C20H42	000112-95-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081216\
Data File : BM007041.D
Acq On : 12 Aug 2016 13:35
Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.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
Hexanoic acid, 2-...	9.09	2.3	ng/ul	316079	1	7.82	2788870	20.0
(DEL) Alkane: Str...	15.30	2.0	ng/ul	540942	3	14.44	5290160	20.0
(DEL) Alkane: Str...	16.17	3.4	ng/ul	953358	4	17.19	5542260	20.0
Naphtho[1,2-b]thi...	17.01	2.1	ng/ul	586225	4	17.19	5542260	20.0
1-Methyldibenzoth...	17.77	2.6	ng/ul	726143	4	17.19	5542260	20.0
Phenanthrene, 2-m...	18.06	7.0	ng/ul	1935510	4	17.19	5542260	20.0
n-Hexadecanoic acid	18.09	6.0	ng/ul	1676640	4	17.19	5542260	20.0
unknown-01	18.11	8.3	ng/ul	2307870	4	17.19	5542260	20.0
Phenanthrene, 1-m...	18.19	2.3	ng/ul	634674	4	17.19	5542260	20.0
Anthracene, 1-met...	18.25	9.3	ng/ul	2574520	4	17.19	5542260	20.0
Phenanthrene, 4-m...	18.29	5.8	ng/ul	1608550	4	17.19	5542260	20.0
Naphthalene, 2-ph...	18.56	3.2	ng/ul	889501	4	17.19	5542260	20.0
9,10-Anthracenedione	18.60	3.9	ng/ul	1074880	4	17.19	5542260	20.0
Phenanthrene, 3,6...	18.81	3.0	ng/ul	831859	4	17.19	5542260	20.0
di-p-Tolylacetylene	18.86	4.4	ng/ul	1212670	4	17.19	5542260	20.0
Phenanthrene, 2,7...	18.90	3.0	ng/ul	846047	4	17.19	5542260	20.0
9,10-Dimethylanth...	18.98	10.3	ng/ul	2865490	4	17.19	5542260	20.0
unknown-02	19.04	5.6	ng/ul	1545060	4	17.19	5542260	20.0
Naphthalene, 1,2-...	19.07	2.5	ng/ul	678731	4	17.19	5542260	20.0
Cyclopenta(def)ph...	19.12	6.2	ng/ul	1728470	4	17.19	5542260	20.0
Octadecanoic acid	19.37	2.5	ng/ul	1490680	5	21.37	12024800	20.0
Phenanthrene, 2,3...	19.69	2.4	ng/ul	1459580	5	21.37	12024800	20.0
Pyrene, 1-methyl-	19.93	4.0	ng/ul	2413500	5	21.37	12024800	20.0
unknown-03	20.07	2.7	ng/ul	1634830	5	21.37	12024800	20.0
11H-Benzo[a]fluorene	20.10	2.7	ng/ul	1648340	5	21.37	12024800	20.0
unknown-04	20.26	3.3	ng/ul	1952720	5	21.37	12024800	20.0
unknown-05	20.40	2.4	ng/ul	1460910	5	21.37	12024800	20.0
Fluoranthene, 2-m...	20.44	2.2	ng/ul	1324470	5	21.37	12024800	20.0
11H-Benzo[a]fluor...	20.85	3.0	ng/ul	1812260	5	21.37	12024800	20.0
Benzo[b]naphtho[2...	21.02	3.5	ng/ul	2136940	5	21.37	12024800	20.0
unknown-06	21.09	3.7	ng/ul	2240180	5	21.37	12024800	20.0
7H-Benz[de]anthra...	21.14	2.0	ng/ul	1224650	5	21.37	12024800	20.0
Benz[a]anthracene...	21.93	3.6	ng/ul	2169850	5	21.37	12024800	20.0
(DEL) Alkane: Str...	24.21	4.5	ng/ul	1198170	6	23.65	5272870	20.0