LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007098.D
Acq On : 14 Aug 2016 09:12
Operator : UM/SJ
Sample : H4387-13
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-2430-01

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	4.951	397	402	410	rBV	87938	127988	1.53%	0.101%
2	6.975	739	746	757	rBV	1069362	1878417	22.48%	1.478%
3	7.145	767	775	782	rBV	861063	1313295	15.71%	1.034%
4	7.339	801	808	819	rVB	1151395	1878299	22.47%	1.478%
5	7.810	880	888	896	rBV	1144457	1834798	21.95%	1.444%
6	8.504	998	1006	1015	rBV	1189784	1913509	22.90%	1.506%
7	8.963	1076	1084	1094	rBV	1058481	1784297	21.35%	1.404%
8	9.080	1094	1104	1109	rBV	128950	228182	2.73%	0.180%
9	9.680	1198	1206	1219	rVB	925217	1528872	18.29%	1.203%
10	10.210	1288	1296	1309	rBV	1385339	2362705	28.27%	1.860%
11	10.592	1353	1361	1368	rBV	1509679	2594676	31.05%	2.042%
12	10.727	1373	1384	1396	rBV	1181667	2021764	24.19%	1.591%
13	13.762	1892	1900	1904	rBV	103157	182034	2.18%	0.143%
14	13.851	1909	1915	1919	rVV	2426747	3524527	42.17%	2.774%
15	13.898	1919	1923	1932	rVB	2345947	3182338	38.08%	2.505%
16	14.133	1956	1963	1974	rBV	2753720	4482735	53.64%	3.528%
17	14.345	1994	1999	2003	rBV	88150	116663	1.40%	0.092%
18	14.439	2005	2015	2022	rVV2	2217486	3443615	41.20%	2.710%
19	14.627	2041	2047	2061	rBV	995436	1573395	18.83%	1.238%
20	14.839	2078	2083	2090	rVB3	113170	196904	2.36%	0.155%
21	14.915	2090	2096	2100	rBV	93880	137302	1.64%	0.108%
22	15.057	2112	2120	2125	rBV5	82658	195466	2.34%	0.154%
23	15.298	2157	2161	2168	rVB2	170217	235710	2.82%	0.186%
24	15.433	2175	2184	2189	rBV	3613555	5227348	62.55%	4.114%
25	15.486	2189	2193	2197	rVV2	116241	173088	2.07%	0.136%
26	15.545	2198	2203	2211	rVB	829272	1175665	14.07%	0.925%
27	15.780	2239	2243	2249	rVB2	73339	139046	1.66%	0.109%
28	15.927	2260	2268	2276	rVB5	77270	193493	2.32%	0.152%
29	16.156	2302	2307	2321	rVB2	224989	380474	4.55%	0.299%
30	16.492	2356	2364	2368	rBV3	95216	210239	2.52%	0.165%
31	16.833	2418	2422	2430	rVB2	117397	197309	2.36%	0.155%
32	16.951	2438	2442	2446	rVV2	123430	191402	2.29%	0.151%
33	16.998	2446	2450	2459	rVB	210130	331408	3.97%	0.261%
34	17.180	2475	2481	2485	rBV	2776727	4194361	50.19%	3.301%

LSC Area Percent Report

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Data File : BM007098.D
Acq On : 14 Aug 2016 09:12
Operator : UM/SJ
Sample : H4387-13
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-2430-01

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	17.221	2485	2488	2493	rVB	2070201	2861274	34.24%	2.252%
36	17.280	2493	2498	2503	rBV2	3881477	5552051	66.43%	4.370%
37	17.368	2509	2513	2519	rBV3	68298	132014	1.58%	0.104%
38	17.574	2542	2548	2553	rBV3	80381	182946	2.19%	0.144%
39	17.698	2563	2569	2574	rBV2	85826	168324	2.01%	0.132%
40	17.762	2575	2580	2589	rVB	239394	364220	4.36%	0.287%
41	17.903	2600	2604	2609	rVB	116657	202710	2.43%	0.160%
42	17.974	2611	2616	2620	rBV3	80799	123431	1.48%	0.097%
43	18.056	2624	2630	2635	rVV	664963	1326025	15.87%	1.044%
44	18.103	2635	2638	2644	rVB	795813	1107739	13.25%	0.872%
45	18.186	2647	2652	2656	rVV	173654	240544	2.88%	0.189%
46	18.245	2656	2662	2666	rVV2	705535	1289611	15.43%	1.015%
47	18.286	2666	2669	2677	rVB	495279	695711	8.32%	0.548%
48	18.450	2693	2697	2701	rVB2	87019	136658	1.64%	0.108%
49	18.556	2710	2715	2719	rBV	379100	548666	6.57%	0.432%
50	18.597	2719	2722	2733	rVB2	249201	457209	5.47%	0.360%
51	18.774	2748	2752	2754	rBV2	91827	133324	1.60%	0.105%
52	18.803	2754	2757	2761	rVV2	191663	266618	3.19%	0.210%
53	18.850	2762	2765	2769	rVV	210547	299289	3.58%	0.236%
54	18.892	2769	2772	2776	rVB2	181817	243896	2.92%	0.192%
55	18.974	2777	2786	2791	rBV	563795	955088	11.43%	0.752%
56	19.033	2791	2796	2799	rVV3	218052	437074	5.23%	0.344%
57	19.068	2799	2802	2806	rVB	175629	207343	2.48%	0.163%
58	19.115	2806	2810	2817	rBV2	324566	592779	7.09%	0.467%
59	19.239	2823	2831	2837	rVB	3168685	4285578	51.28%	3.373%
60	19.303	2838	2842	2845	rBV	150599	196554	2.35%	0.155%
61	19.339	2845	2848	2853	rVV4	113997	200142	2.39%	0.158%
62	19.386	2853	2856	2860	rVB	206570	257081	3.08%	0.202%
63	19.433	2861	2864	2867	rBV	102020	129083	1.54%	0.102%
64	19.480	2869	2872	2875	rVB	128372	150917	1.81%	0.119%
65	19.574	2882	2888	2891	rBV	5429916	8221319	98.37%	6.471%
66	19.603	2891	2893	2900	rVB	3015278	3418310	40.90%	2.690%
67	19.680	2901	2906	2911	rBV3	343475	699635	8.37%	0.551%
68	19.839	2929	2933	2939	rVB3	199744	359020	4.30%	0.283%
69	19.927	2942	2948	2955	rBV4	325686	833445	9.97%	0.656%
70	20.015	2960	2963	2966	rVV3	88952	122966	1.47%	0.097%
71	20.062	2966	2971	2973	rVV3	271660	484526	5.80%	0.381%

LSC Area Percent Report

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Acq On : 14 Aug 2016 09:12
Operator : UM/SJ
Sample : H4387-13
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-2430-01

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

72	20.097	2973	2977	2981	rVB	472881	715974	8.57%	0.564%
73	20.197	2990	2994	2998	rBV2	189861	235373	2.82%	0.185%
74	20.256	2998	3004	3008	rBV3	460873	714673	8.55%	0.562%
75	20.391	3023	3027	3031	rBV	314323	398381	4.77%	0.314%
76	20.439	3031	3035	3039	rVB	337599	437421	5.23%	0.344%
77	20.556	3052	3055	3060	rVB3	106697	145451	1.74%	0.114%
78	20.839	3100	3103	3110	rVB	424426	605270	7.24%	0.476%
79	21.009	3125	3132	3136	rBV3	402068	825118	9.87%	0.649%
80	21.050	3136	3139	3141	rVV	304806	392164	4.69%	0.309%
81	21.080	3141	3144	3150	rVV3	499822	854080	10.22%	0.672%
82	21.139	3150	3154	3160	rVB2	416085	633029	7.57%	0.498%
83	21.362	3185	3192	3196	rBV2	4850389	8357352	100.00%	6.578%
84	21.397	3196	3198	3208	rVB	1596539	1965403	23.52%	1.547%
85	21.480	3209	3212	3215	rVB2	124959	123474	1.48%	0.097%
86	21.521	3216	3219	3223	rBV3	132943	202291	2.42%	0.159%
87	21.568	3224	3227	3234	rBV4	157228	288142	3.45%	0.227%
88	21.680	3242	3246	3250	rBV3	178583	293655	3.51%	0.231%
89	21.721	3251	3253	3258	rVB2	138244	168334	2.01%	0.132%
90	21.915	3283	3286	3291	rVB	372521	509713	6.10%	0.401%
91	21.974	3292	3296	3300	rBV	300602	400289	4.79%	0.315%
92	22.121	3317	3321	3324	rBV	223979	293896	3.52%	0.231%
93	22.956	3456	3463	3468	rBV2	1095217	2705247	32.37%	2.129%
94	23.127	3489	3492	3503	rVB	274532	497604	5.95%	0.392%
95	23.444	3540	3546	3548	rBV	530244	942242	11.27%	0.742%
96	23.497	3548	3555	3559	rVV2	3929550	7856075	94.00%	6.183%
97	23.538	3559	3562	3569	rVB	1143649	1878926	22.48%	1.479%
98	23.638	3572	3579	3585	rBV	3087237	5906193	70.67%	4.648%
99	24.197	3669	3674	3682	rVB2	217373	414738	4.96%	0.326%
100	25.926	3962	3968	3979	rVB2	455983	1261545	15.10%	0.993%

Sum of corrected areas: 127056497

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
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Sample : H4387-13
Misc :
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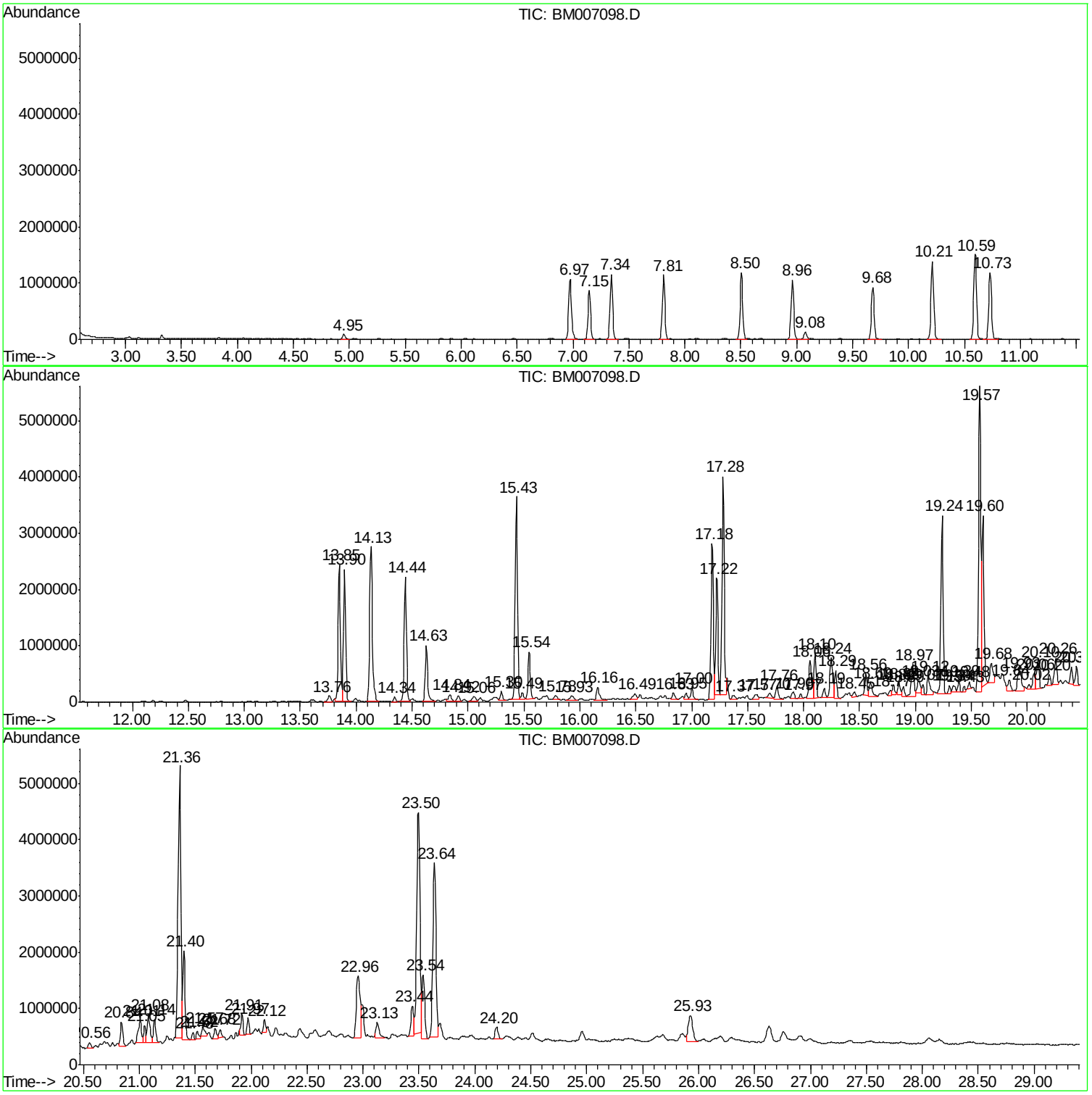
Instrument :
BNA_M
ClientSampleId :
P003-SS003-2430-01

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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Sample : H4387-13
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Instrument : BNA_M
ClientSampleId : P003-SS003-2430-01

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

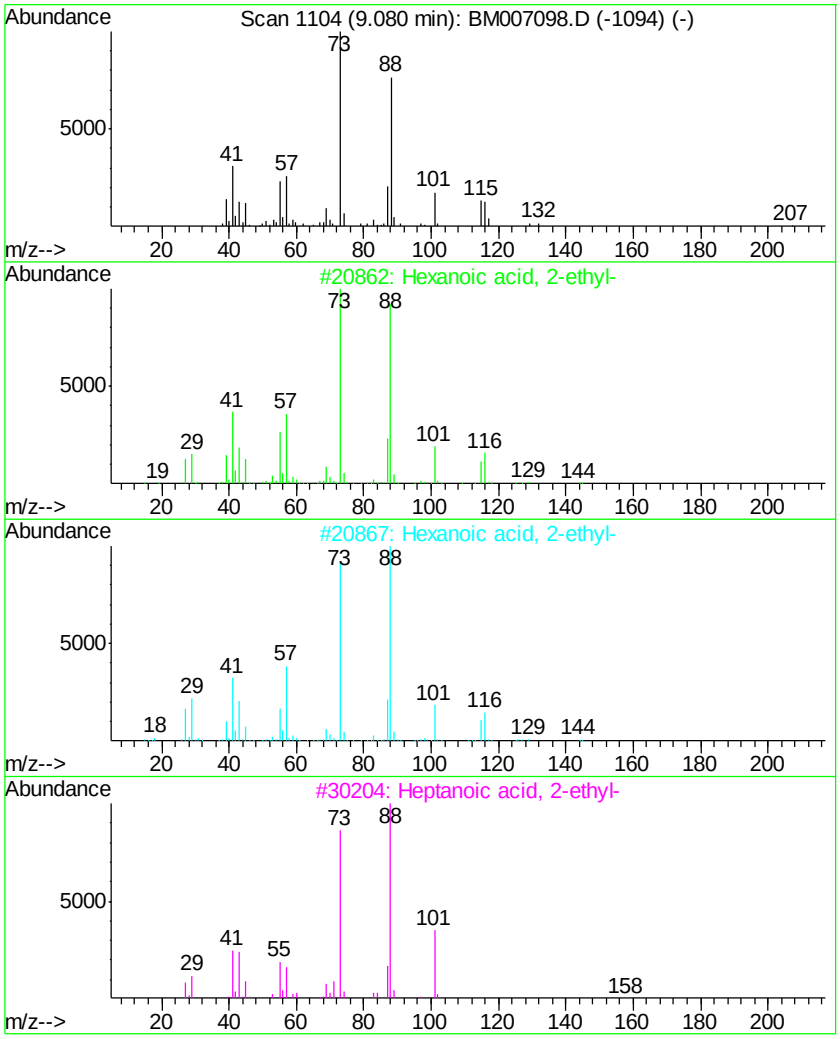
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

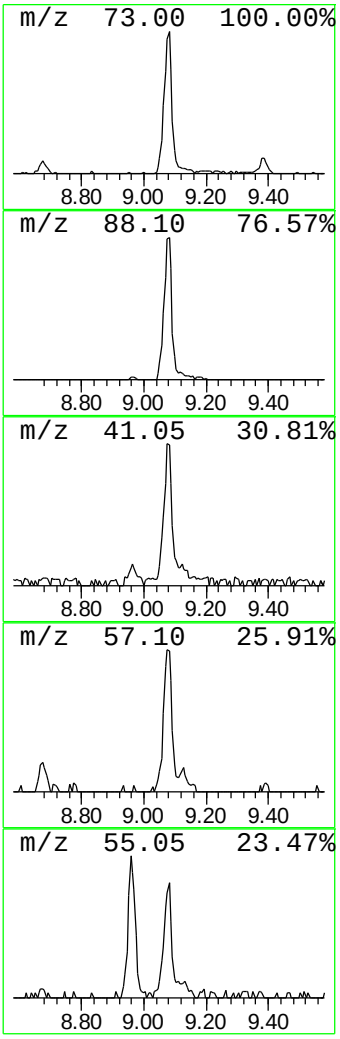
****

Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	2.49 ng/ul	228182	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007098.D
Acq On : 14 Aug 2016 09:12
Operator : UM/SJ
Sample : H4387-13
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-2430-01

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

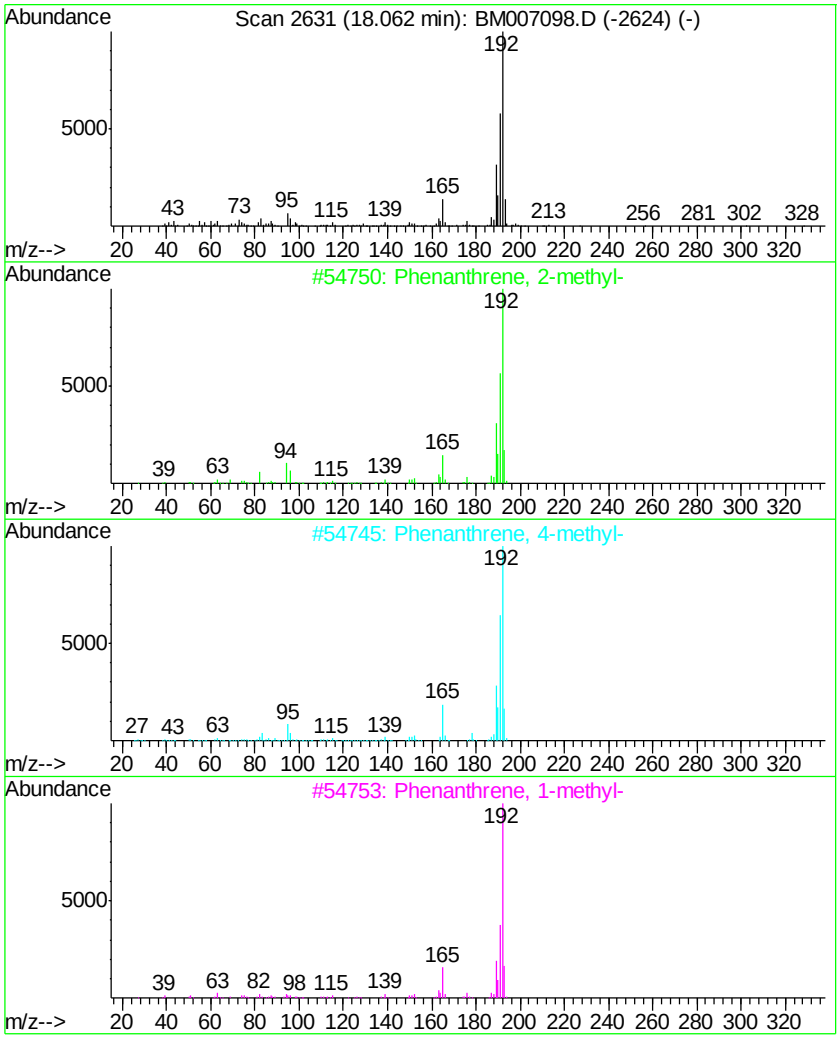
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

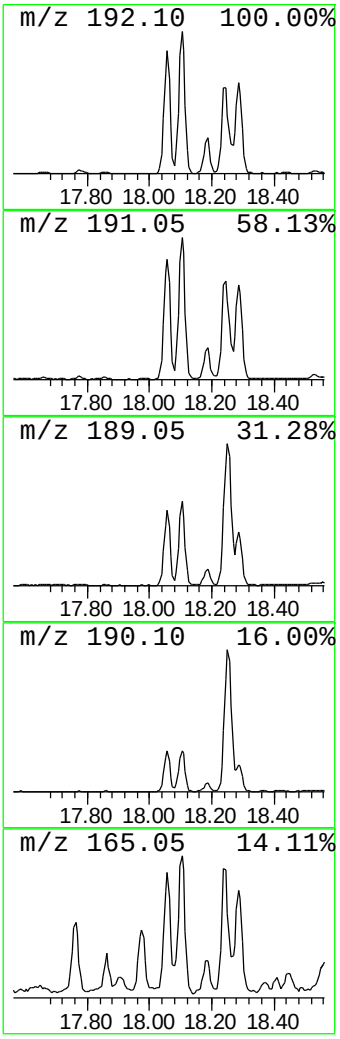
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	6.32 ng/ul	1326030	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Library Search Compound Report

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Sample : H4387-13
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-2430-01

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

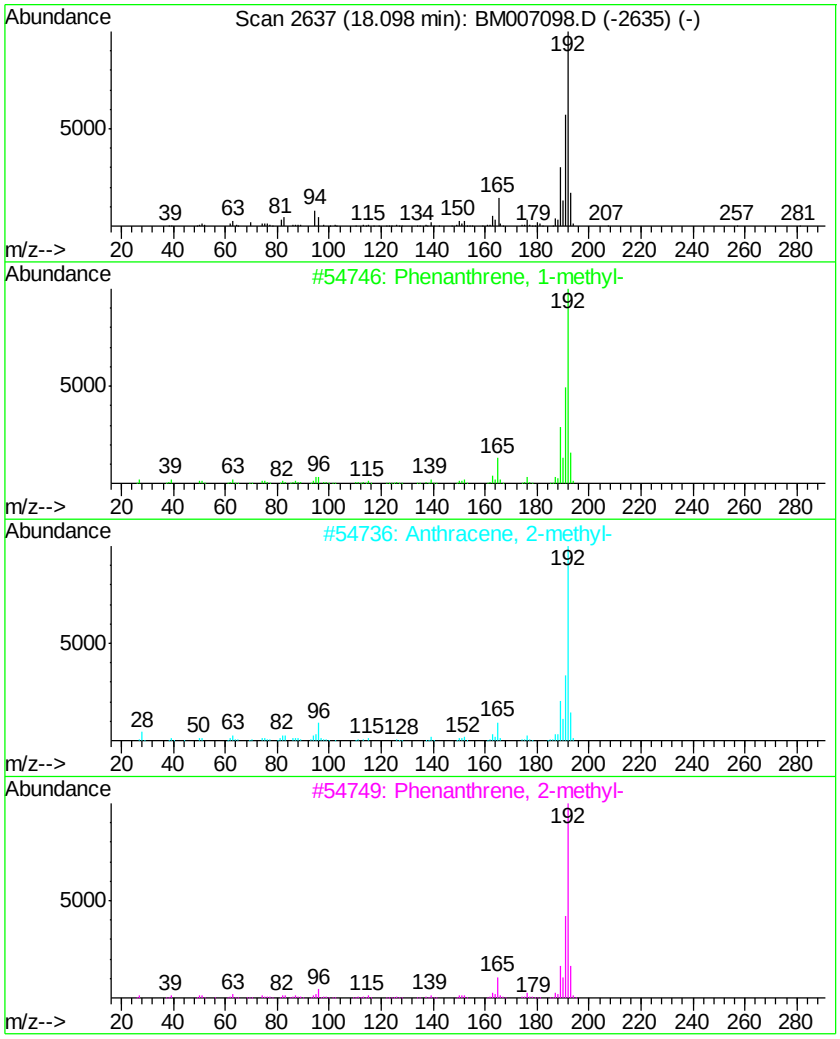
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

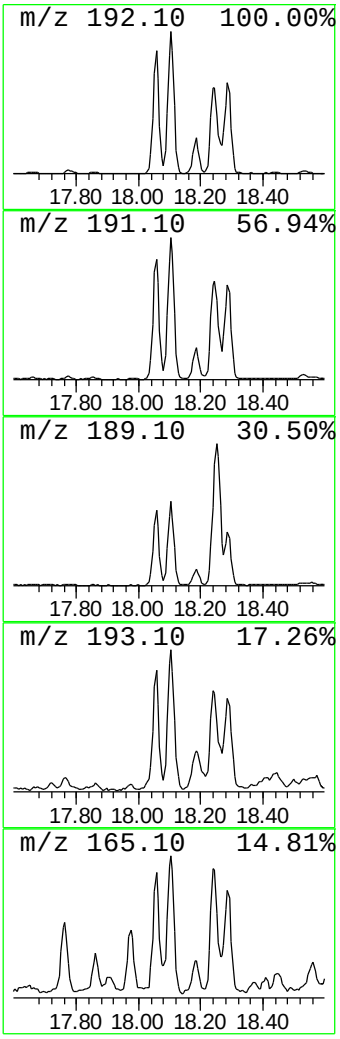
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	5.28 ng/ul	1107740	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007098.D
Acq On : 14 Aug 2016 09:12
Operator : UM/SJ
Sample : H4387-13
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-2430-01

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

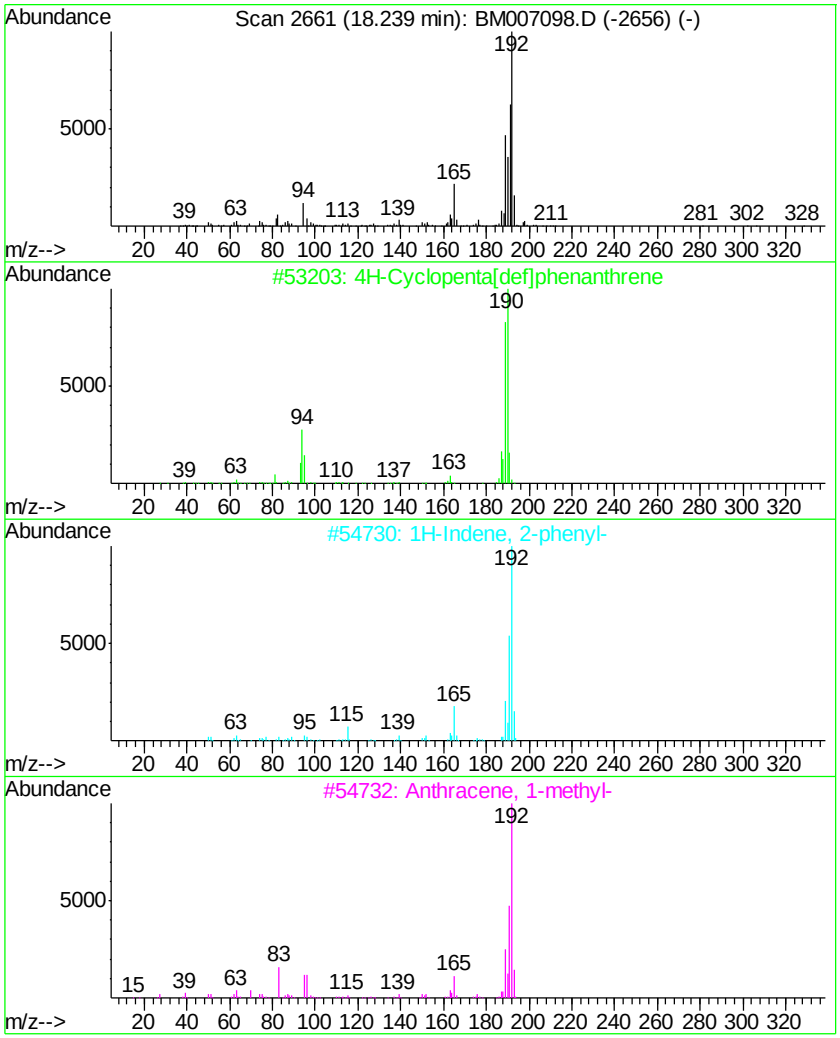
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

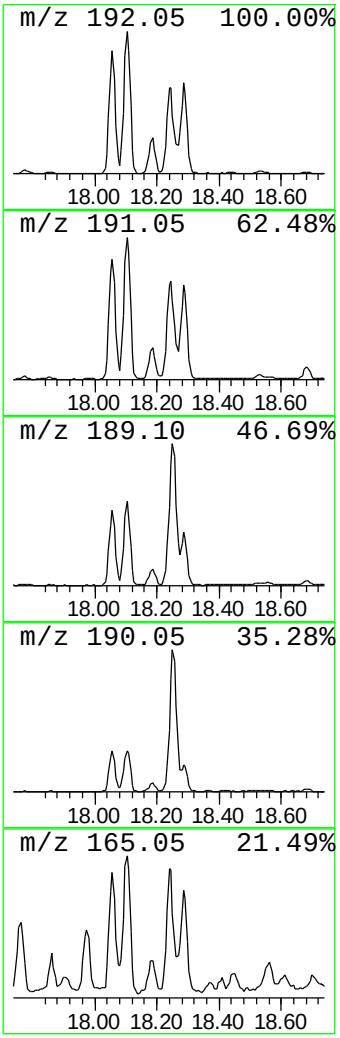
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	6.15 ng/ul	1289610	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007098.D
Acq On : 14 Aug 2016 09:12
Operator : UM/SJ
Sample : H4387-13
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-2430-01

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

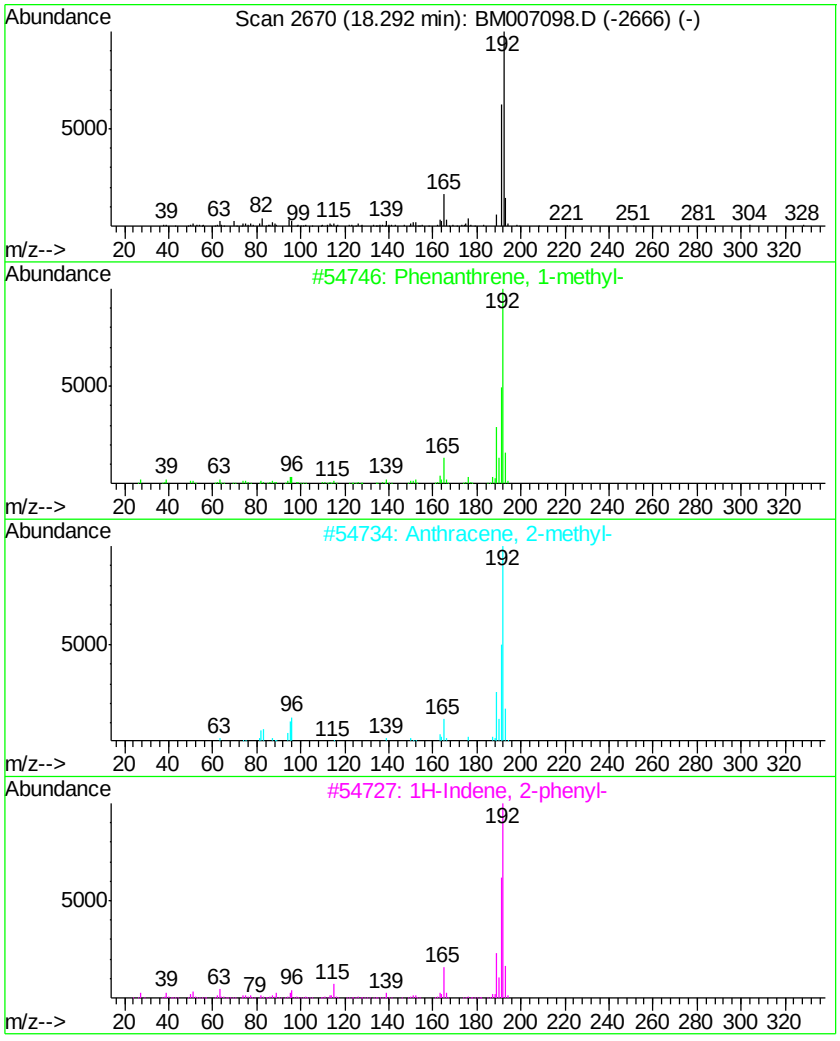
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

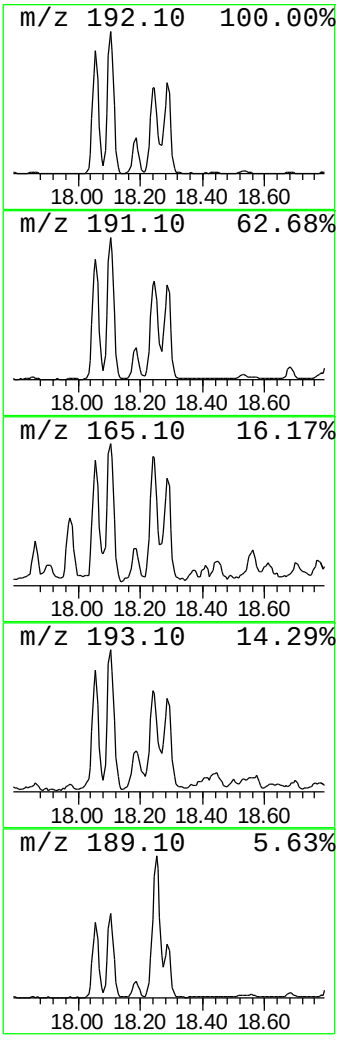
****

Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	3.32 ng/ul	695711	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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Data File : BM007098.D
Acq On : 14 Aug 2016 09:12
Operator : UM/SJ
Sample : H4387-13
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-2430-01

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

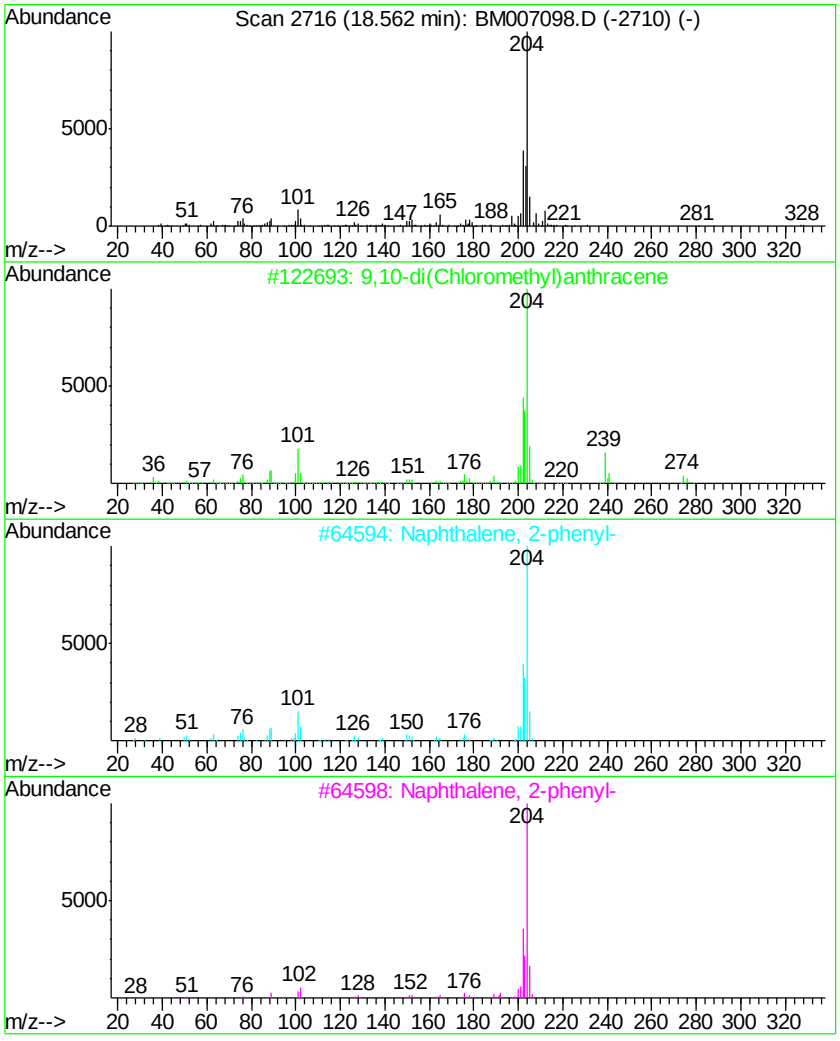
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

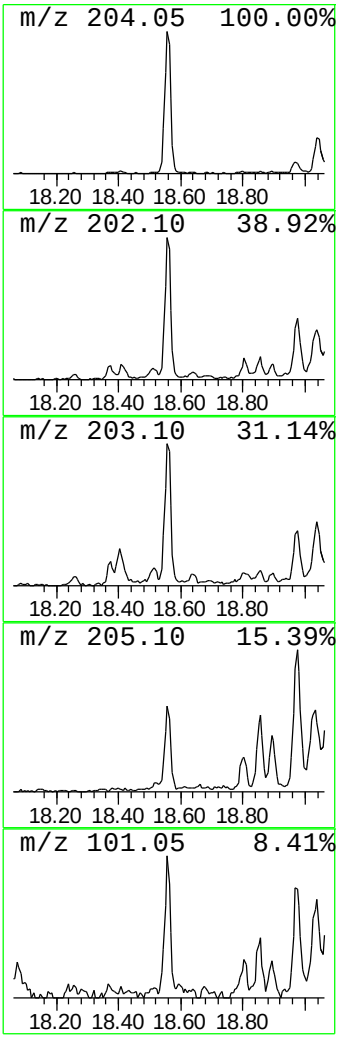
****

Peak Number 6 9,10-di(Chloromethyl)anthra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.62 ng/ul	548666	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	72
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64





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Operator : UM/SJ
Sample : H4387-13
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-2430-01

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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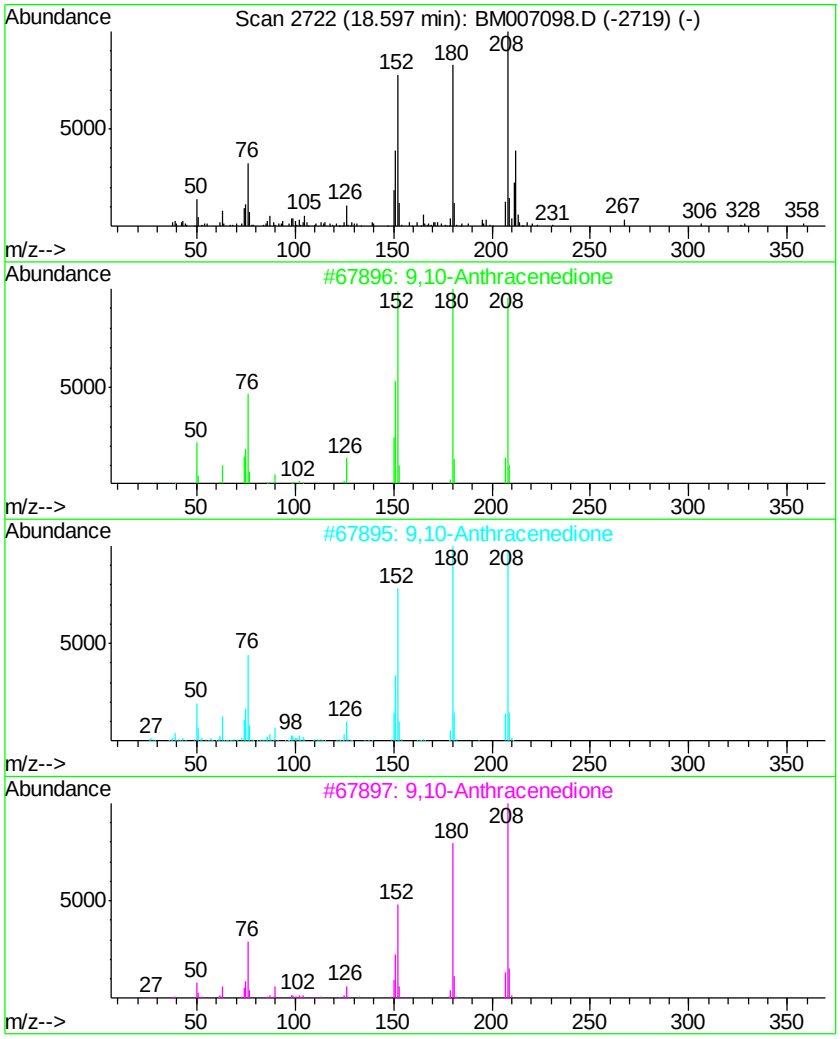
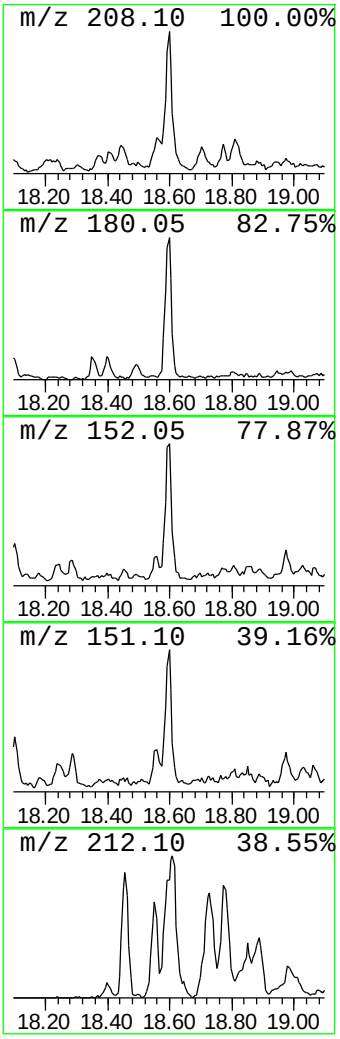
Peak Number 7 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	2.18 ng/ul	457209	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55





Library Search Compound Report

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Data File : BM007098.D
Acq On : 14 Aug 2016 09:12
Operator : UM/SJ
Sample : H4387-13
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-2430-01

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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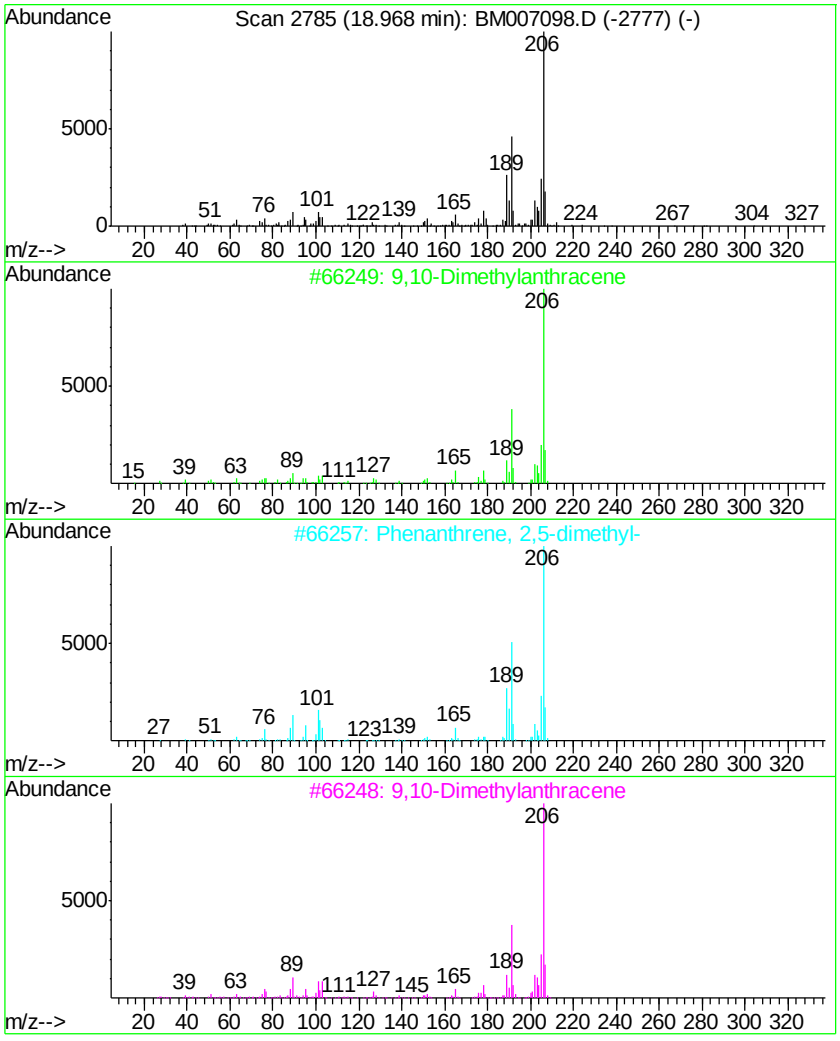
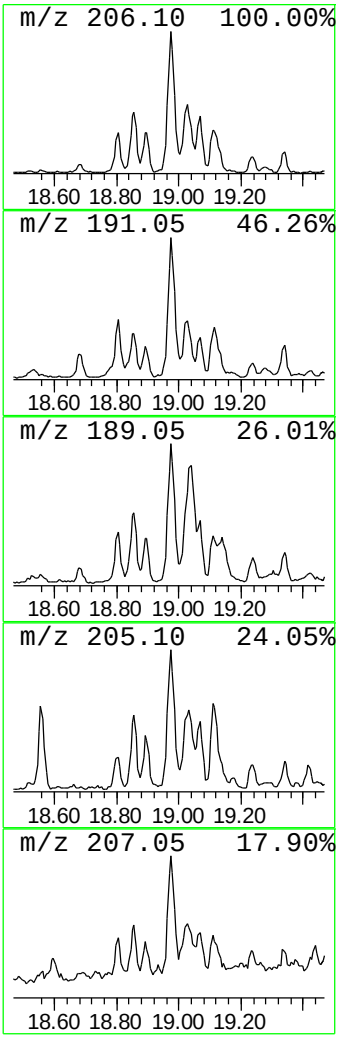
Peak Number 8 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	4.55 ng/ul	955088	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Acq On : 14 Aug 2016 09:12
Operator : UM/SJ
Sample : H4387-13
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-2430-01

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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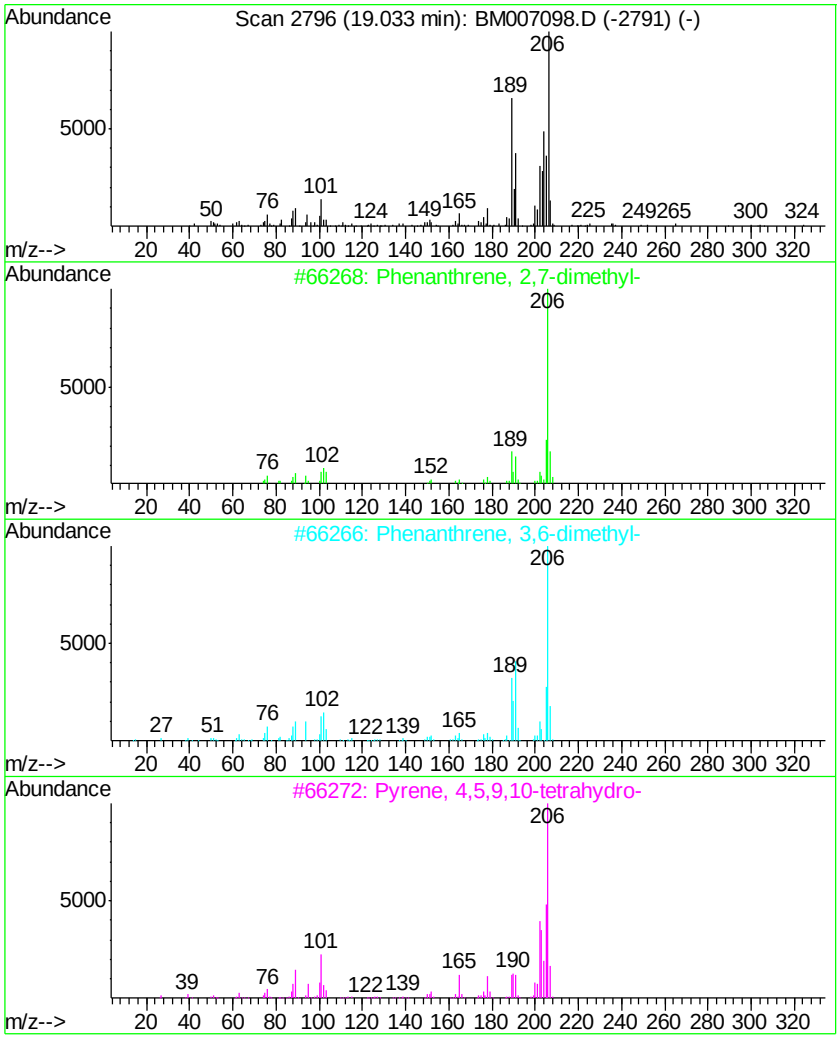
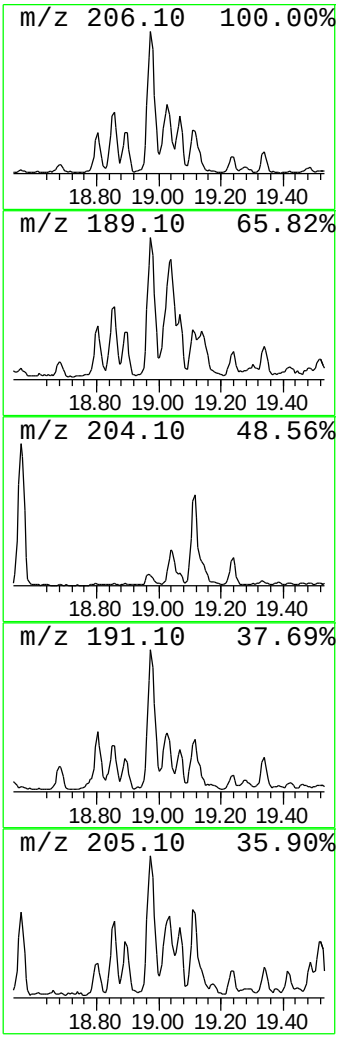
Peak Number 9 Phenanthrene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	2.08 ng/ul	437074	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	52
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	46
4	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	45
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	45





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Data File : BM007098.D
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Operator : UM/SJ
Sample : H4387-13
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-2430-01

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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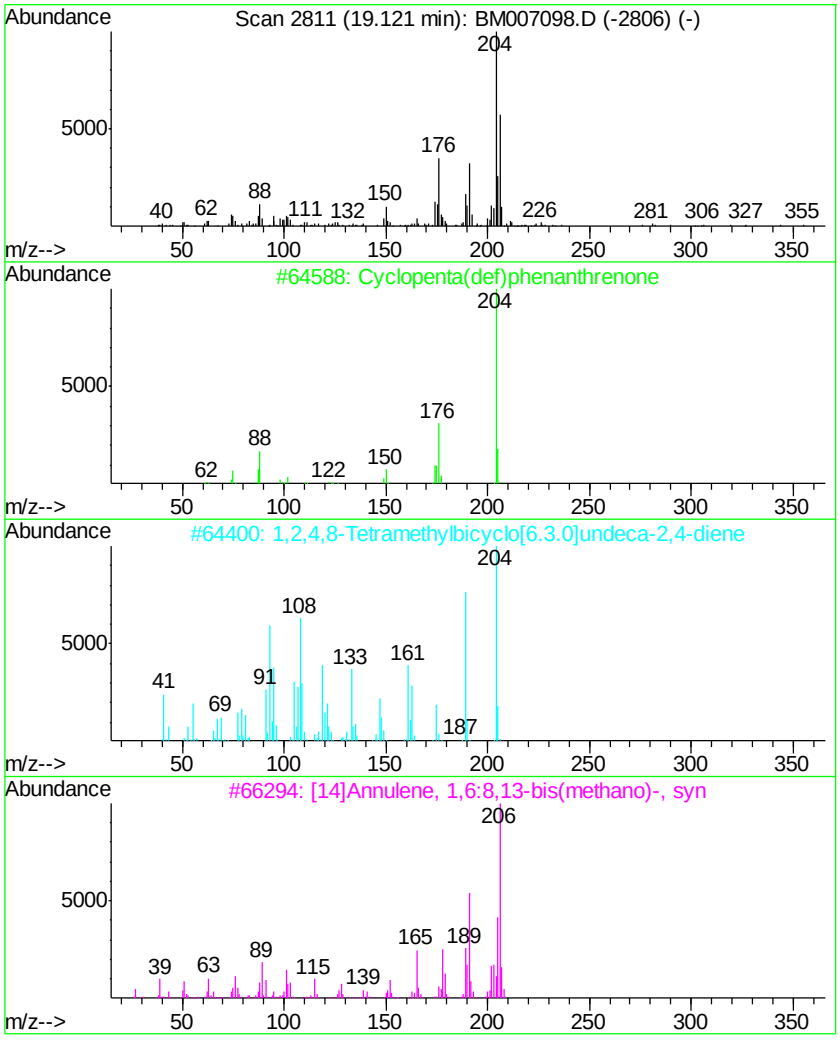
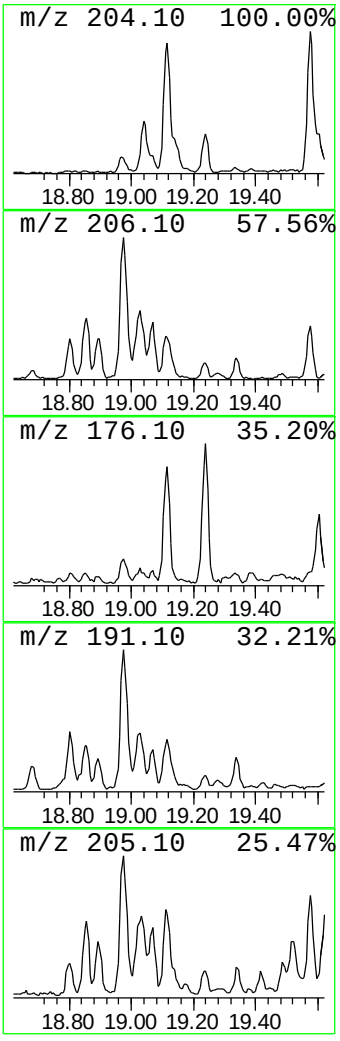
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	2.83 ng/ul	592779	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	41
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	38
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	38





Library Search Compound Report

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ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-2430-01

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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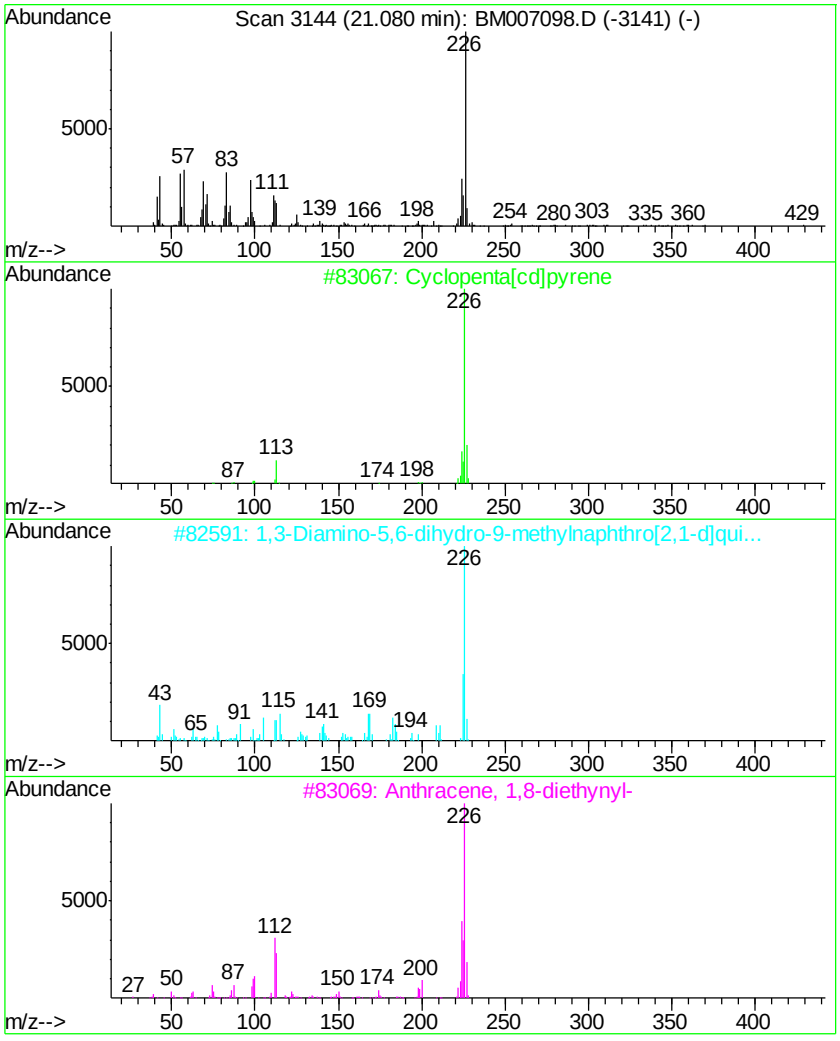
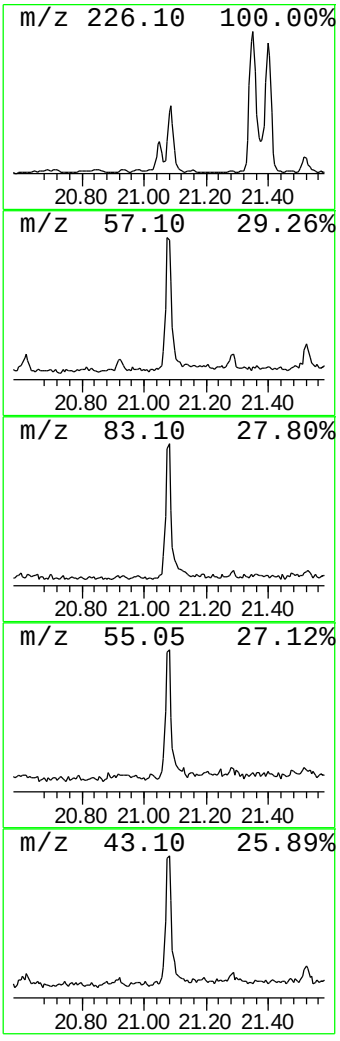
Peak Number 11 Cyclopenta[cd]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	2.04 ng/ul	854080	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	38
3	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	25
4	2-Oxa-7-azatricyclo[4.4.0.0(3,8)...	381	C18H23NO6S	055905-56-1	25
5	N-p-Toluenesulfonyl-l-valine	271	C12H17NO4S	017360-25-7	17





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007098.D
Acq On : 14 Aug 2016 09:12
Operator : UM/SJ
Sample : H4387-13
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-2430-01

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-...	9.08	2.5	ng/ul	228182	1	7.81	1834800	20.0
Phenanthrene, 2-m...	18.06	6.3	ng/ul	1326030	4	17.18	4194360	20.0
Phenanthrene, 1-m...	18.10	5.3	ng/ul	1107740	4	17.18	4194360	20.0
4H-Cyclopenta[def...	18.24	6.2	ng/ul	1289610	4	17.18	4194360	20.0
1H-Indene, 2-phenyl-	18.29	3.3	ng/ul	695711	4	17.18	4194360	20.0
9,10-di(Chloromet...	18.56	2.6	ng/ul	548666	4	17.18	4194360	20.0
9,10-Anthracenedione	18.60	2.2	ng/ul	457209	4	17.18	4194360	20.0
9,10-Dimethylanth...	18.97	4.5	ng/ul	955088	4	17.18	4194360	20.0
Phenanthrene, 2,7...	19.03	2.1	ng/ul	437074	4	17.18	4194360	20.0
Cyclopenta(def)ph...	19.12	2.8	ng/ul	592779	4	17.18	4194360	20.0
Cyclopenta[cd]pyrene	21.08	2.0	ng/ul	854080	5	21.36	8357350	20.0