LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002218.D
Acq On : 04 Aug 2015 20:16
Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BM080415.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	3.310	102	106	111	rBV	48843	55582	4.44%	0.281%
2	5.522	477	482	487	rBB3	12669	17894	1.43%	0.091%
3	6.710	679	684	694	rVB	154191	243384	19.46%	1.232%
4	6.863	704	710	720	rBB	113439	170394	13.62%	0.863%
5	7.051	737	742	751	rBB	158028	247898	19.82%	1.255%
6	7.516	811	821	829	rBB	277111	443219	35.44%	2.244%
7	8.245	939	945	953	rBV	175996	284111	22.72%	1.438%
8	8.681	1013	1019	1025	rBV	135333	220440	17.62%	1.116%
9	9.404	1136	1142	1150	rBB	117317	190864	15.26%	0.966%
10	9.945	1228	1234	1244	rBV	173605	281186	22.48%	1.424%
11	10.310	1286	1296	1301	rBV	369690	619234	49.51%	3.135%
12	10.357	1301	1304	1310	rVB	17864	23975	1.92%	0.121%
13	10.463	1316	1322	1328	rBV	61153	103538	8.28%	0.524%
14	11.986	1576	1581	1586	rBB	12262	19101	1.53%	0.097%
15	13.510	1836	1840	1846	rVV3	12112	20015	1.60%	0.101%
16	13.610	1851	1857	1861	rVV	272616	385946	30.86%	1.954%
17	13.657	1861	1865	1871	rVB	98390	139434	11.15%	0.706%
18	13.886	1898	1904	1914	rVV	261082	398149	31.83%	2.016%
19	14.010	1921	1925	1931	rVV2	14409	19670	1.57%	0.100%
20	14.092	1934	1939	1943	rBV3	13251	19316	1.54%	0.098%
21	14.198	1950	1957	1963	rVV2	457459	720531	57.61%	3.648%
22	14.257	1963	1967	1975	rVB	22151	35294	2.82%	0.179%
23	14.445	1995	1999	2008	rVV2	52085	85181	6.81%	0.431%
24	14.598	2020	2025	2029	rVB	22097	30434	2.43%	0.154%
25	14.980	2082	2090	2094	rBV6	8882	18183	1.45%	0.092%
26	15.192	2121	2126	2132	rBV	303168	418393	33.45%	2.118%
27	15.251	2132	2136	2141	rVB	28063	38497	3.08%	0.195%
28	15.345	2147	2152	2160	rBV	74692	111461	8.91%	0.564%
29	15.545	2181	2186	2192	rVB3	12351	19088	1.53%	0.097%
30	15.933	2244	2252	2257	rBV4	26541	62089	4.96%	0.314%
31	16.227	2296	2302	2305	rBV	10738	19507	1.56%	0.099%
32	16.610	2363	2367	2373	rVB	29322	38710	3.09%	0.196%
33	16.704	2373	2383	2386	rBV6	24606	45004	3.60%	0.228%
34	16.762	2387	2393	2401	rVB2	28924	60411	4.83%	0.306%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002218.D
Acq On : 04 Aug 2015 20:16
Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BM080415.M
Title : SVOA CALIBRATION

35	16.951	2419	2425	2429	rBV	572030	790121	63.17%	4.000%
36	16.992	2429	2432	2437	rVV	404756	501127	40.07%	2.537%
37	17.051	2437	2442	2446	rVV	296896	428051	34.22%	2.167%
38	17.080	2446	2447	2452	rVB	56926	55475	4.44%	0.281%
39	17.139	2452	2457	2463	rBV4	10221	20810	1.66%	0.105%
40	17.362	2488	2495	2505	rBV2	37626	66486	5.32%	0.337%
41	17.539	2520	2525	2531	rVB6	16360	33854	2.71%	0.171%
42	17.827	2566	2574	2576	rBV	54480	94531	7.56%	0.479%
43	17.851	2576	2578	2579	rVV	53961	54256	4.34%	0.275%
44	17.874	2579	2582	2587	rVV	80967	121137	9.69%	0.613%
45	17.915	2587	2589	2592	rVV	15736	20452	1.64%	0.104%
46	17.957	2592	2596	2599	rVV2	17752	28000	2.24%	0.142%
47	18.021	2601	2607	2610	rVV2	73803	125520	10.04%	0.636%
48	18.057	2610	2613	2621	rVB	50739	73573	5.88%	0.373%
49	18.139	2622	2627	2630	rBV5	14701	24196	1.93%	0.123%
50	18.227	2638	2642	2649	rBV2	91930	130627	10.44%	0.661%
51	18.327	2655	2659	2664	rVV	41068	54842	4.38%	0.278%
52	18.380	2664	2668	2671	rVV2	48636	69655	5.57%	0.353%
53	18.415	2671	2674	2683	rVB3	66651	96846	7.74%	0.490%
54	18.568	2694	2700	2706	rBV	277819	379731	30.36%	1.923%
55	18.627	2708	2710	2715	rVB2	14928	17518	1.40%	0.089%
56	18.704	2719	2723	2727	rVB2	68147	88592	7.08%	0.449%
57	18.756	2727	2732	2738	rBV5	27598	70086	5.60%	0.355%
58	18.851	2745	2748	2751	rVB2	17751	19802	1.58%	0.100%
59	18.904	2752	2757	2763	rVV3	30421	53944	4.31%	0.273%
60	19.021	2771	2777	2781	rBV	595703	748558	59.85%	3.790%
61	19.074	2781	2786	2791	rVB	213609	281028	22.47%	1.423%
62	19.115	2791	2793	2797	rBV3	13306	20318	1.62%	0.103%
63	19.233	2809	2813	2815	rBV5	13339	19054	1.52%	0.096%
64	19.268	2816	2819	2822	rVV	21036	28750	2.30%	0.146%
65	19.298	2822	2824	2828	rVB5	18563	19220	1.54%	0.097%
66	19.356	2829	2834	2837	rBV2	396644	621320	49.68%	3.146%
67	19.386	2837	2839	2848	rVV	506687	654570	52.33%	3.314%
68	19.462	2848	2852	2860	rVB3	30506	48763	3.90%	0.247%
69	19.568	2862	2870	2874	rBV	29671	61409	4.91%	0.311%
70	19.721	2890	2896	2901	rBV3	35019	89706	7.17%	0.454%
71	19.803	2907	2910	2913	rVB	35650	39449	3.15%	0.200%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002218.D
Acq On : 04 Aug 2015 20:16
Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BM080415.M
Title : SVOA CALIBRATION

72	19.856	2914	2919	2920	rVV3	36081	54420	4.35%	0.276%
73	19.892	2921	2925	2930	rVB3	76774	133141	10.64%	0.674%
74	19.986	2938	2941	2944	rBV2	43754	55296	4.42%	0.280%
75	20.080	2955	2957	2961	rVB4	22535	23085	1.85%	0.117%
76	20.186	2972	2975	2978	rBV	35500	49890	3.99%	0.253%
77	20.398	3008	3011	3016	rVB	49164	53765	4.30%	0.272%
78	20.639	3050	3052	3058	rVB	52597	67056	5.36%	0.340%
79	20.803	3077	3080	3083	rBV2	48607	55124	4.41%	0.279%
80	20.839	3083	3086	3088	rVV	48923	60169	4.81%	0.305%
81	20.868	3088	3091	3098	rVV4	90151	170980	13.67%	0.866%
82	20.945	3100	3104	3109	rVB2	52565	78660	6.29%	0.398%
83	21.068	3122	3125	3128	rVB	107150	108970	8.71%	0.552%
84	21.156	3134	3140	3144	rBV2	786912	1250750	100.00%	6.333%
85	21.197	3144	3147	3156	rVB	259586	352456	28.18%	1.785%
86	21.303	3162	3165	3170	rVB2	145120	177338	14.18%	0.898%
87	21.650	3221	3224	3227	rBV3	125106	146954	11.75%	0.744%
88	21.721	3233	3236	3244	rVB	194671	246519	19.71%	1.248%
89	21.797	3245	3249	3255	rVB3	186134	237313	18.97%	1.202%
90	21.944	3271	3274	3277	rBV3	96301	116666	9.33%	0.591%
91	22.168	3308	3312	3318	rVB	301783	407000	32.54%	2.061%
92	22.656	3390	3395	3398	rBV	318570	499400	39.93%	2.529%
93	22.692	3398	3401	3406	rVB	148191	254260	20.33%	1.287%
94	23.150	3475	3479	3482	rBV	128192	209810	16.77%	1.062%
95	23.197	3482	3487	3491	rVV2	489846	818555	65.45%	4.144%
96	23.244	3492	3495	3502	rVB	196459	311134	24.88%	1.575%
97	23.339	3505	3511	3517	rBV	420875	783288	62.63%	3.966%
98	23.815	3586	3592	3599	rVB	304892	581227	46.47%	2.943%
99	24.527	3707	3713	3721	rVB	176846	394022	31.50%	1.995%
100	25.350	3848	3853	3865	rVB3	155617	395849	31.65%	2.004%

Sum of corrected areas: 19750607

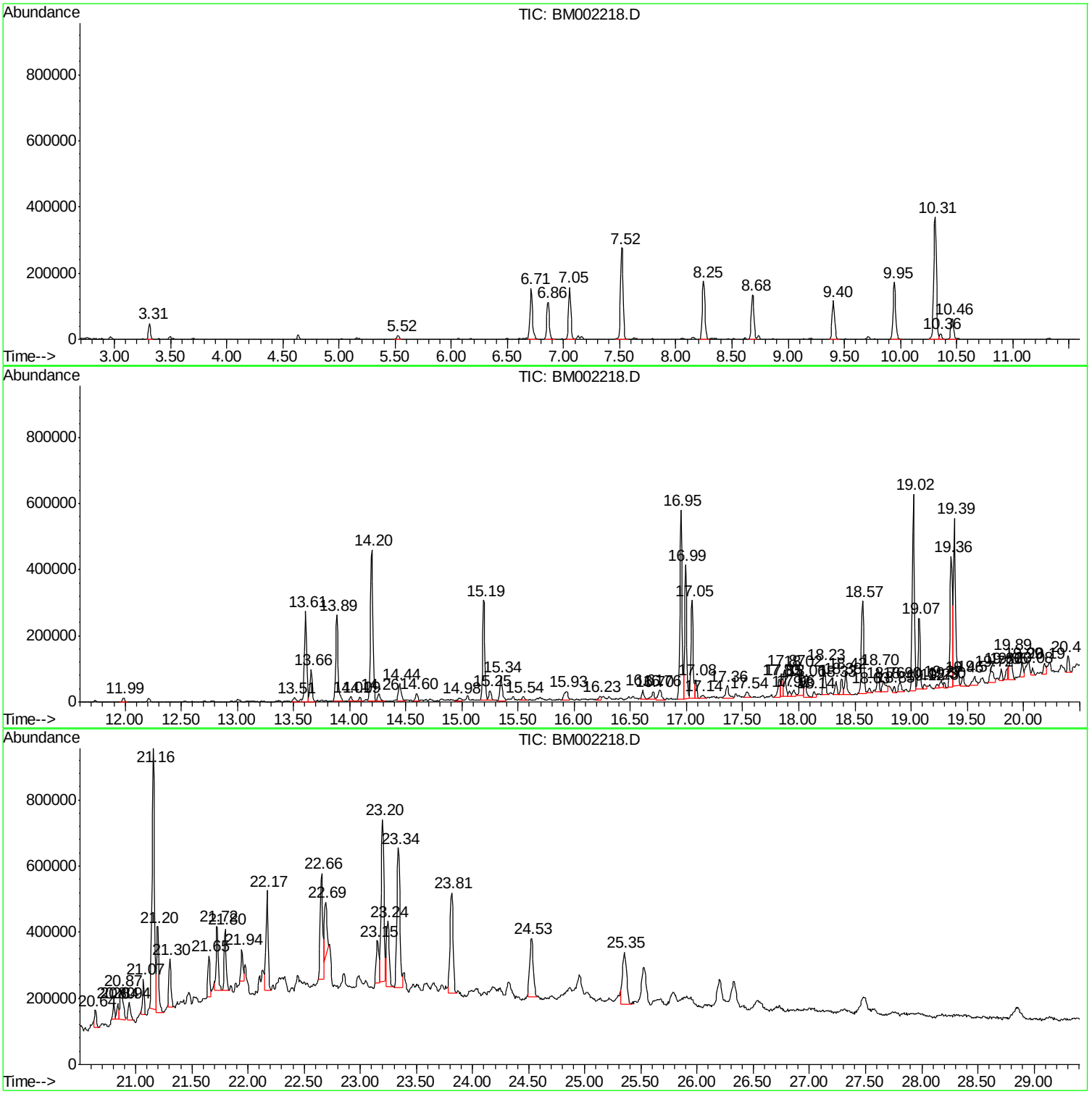
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002218.D
Acq On : 04 Aug 2015 20:16
Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002218.D
Acq On : 04 Aug 2015 20:16
Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

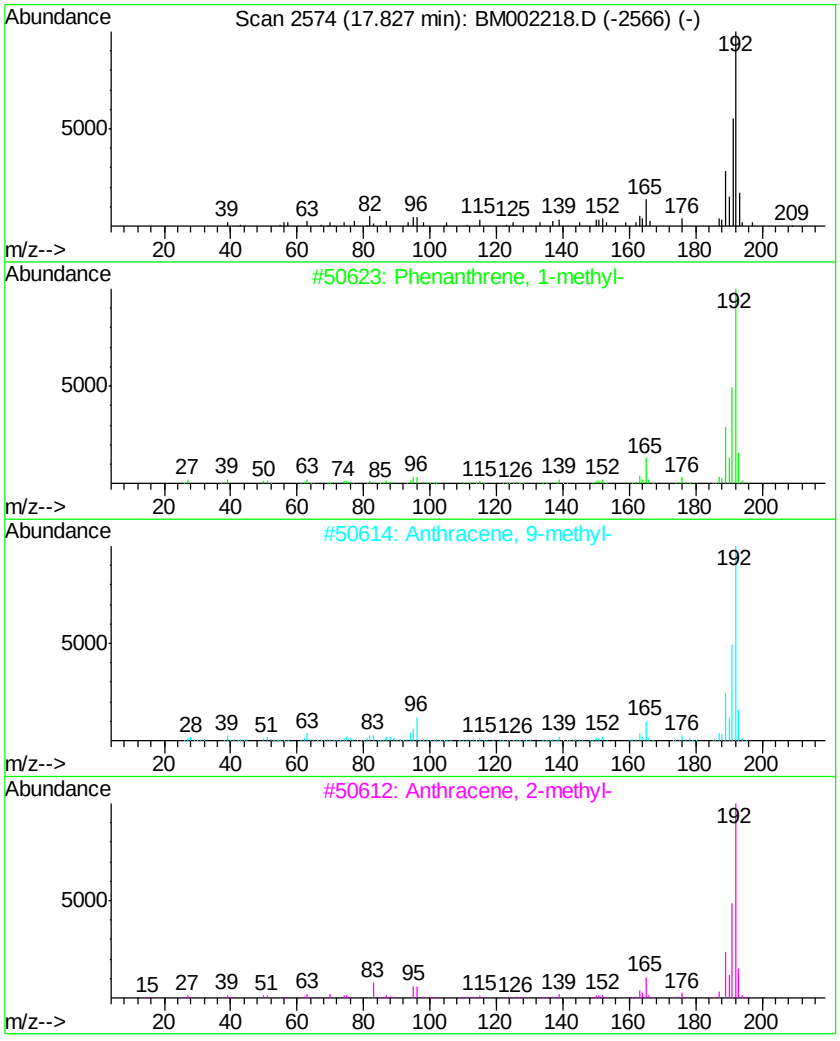
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

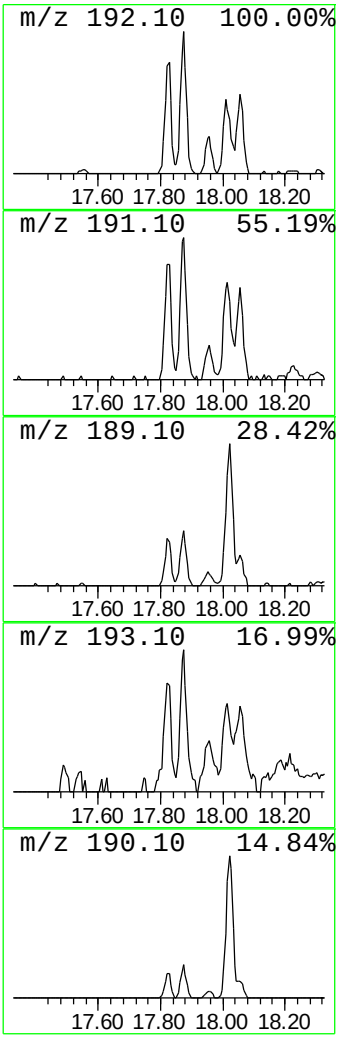
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.39 ng/ul	94531	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002218.D
Acq On : 04 Aug 2015 20:16
Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

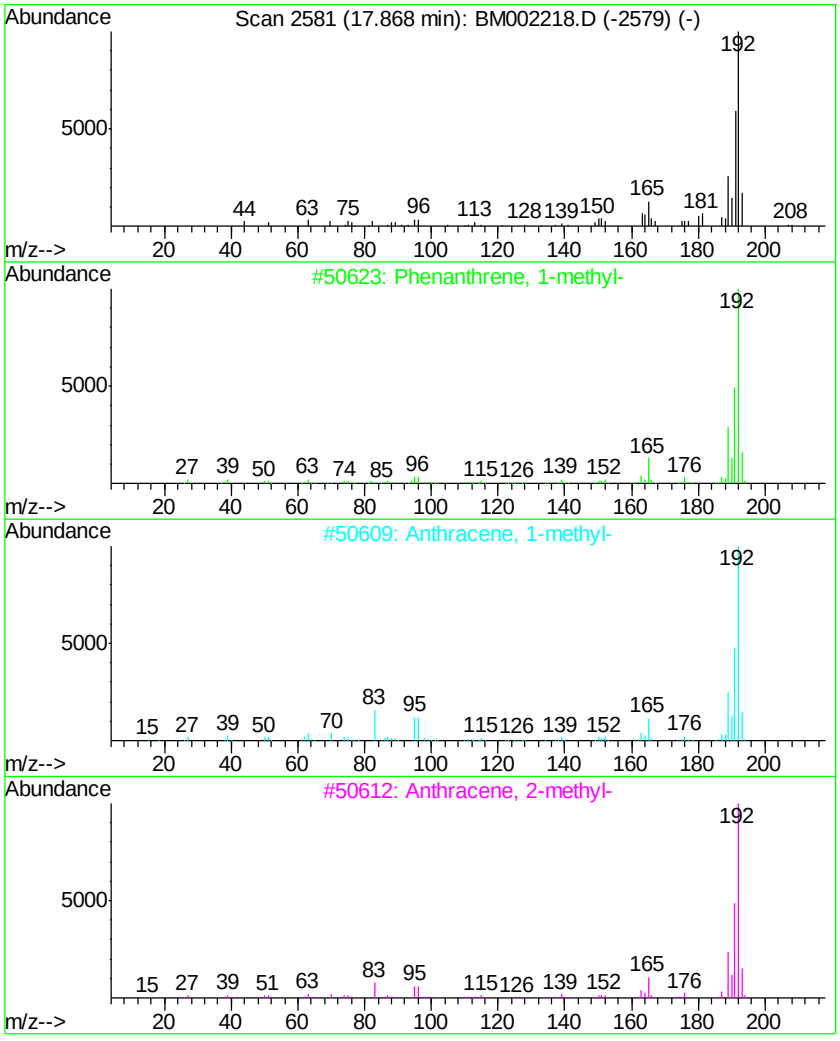
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

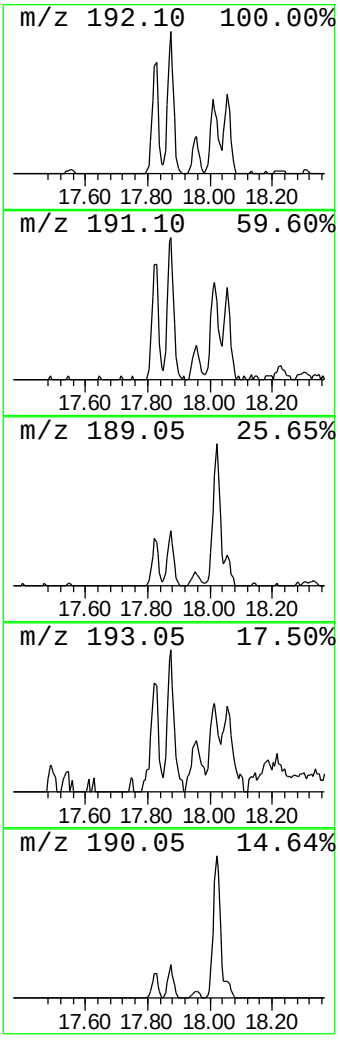
****

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.07 ng/ul	121137	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002218.D
Acq On : 04 Aug 2015 20:16
Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

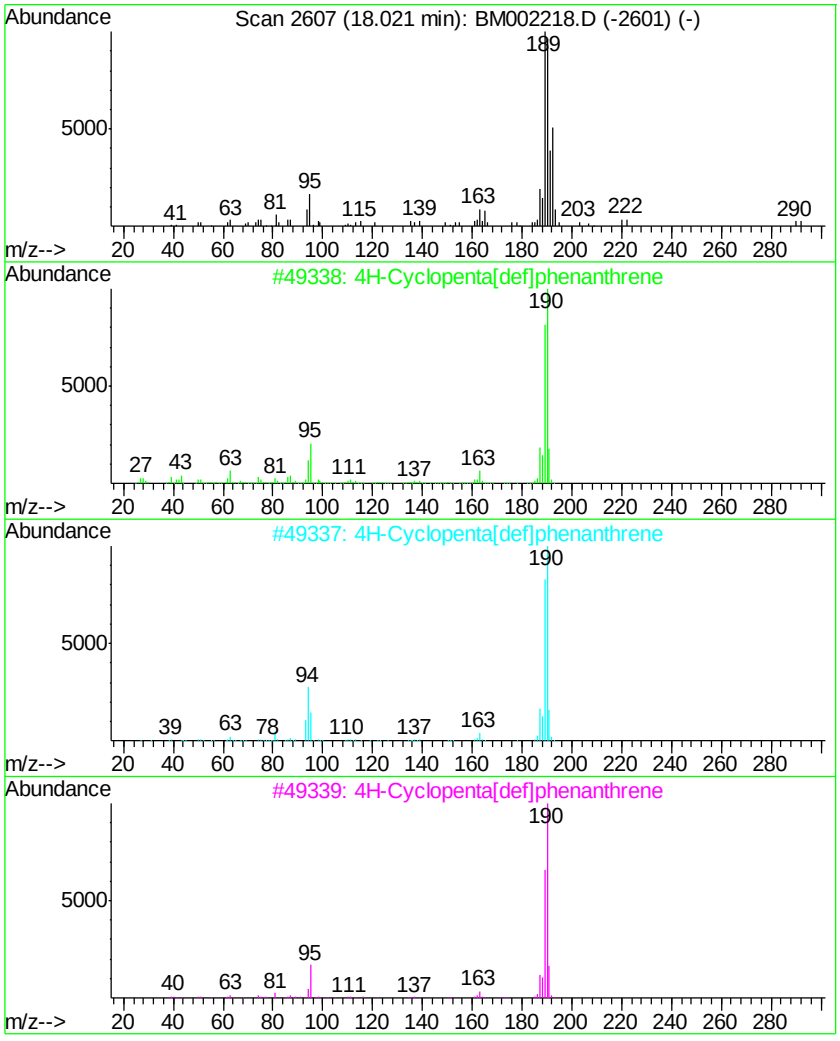
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

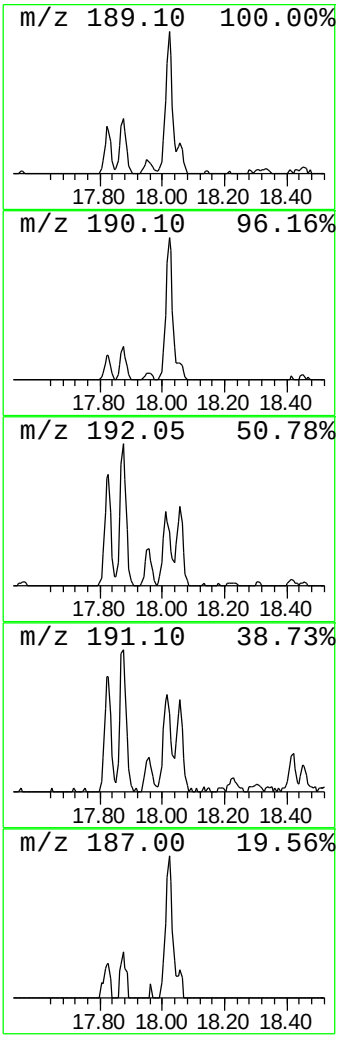
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	3.18 ng/ul	125520	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	18
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	18





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002218.D
Acq On : 04 Aug 2015 20:16
Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

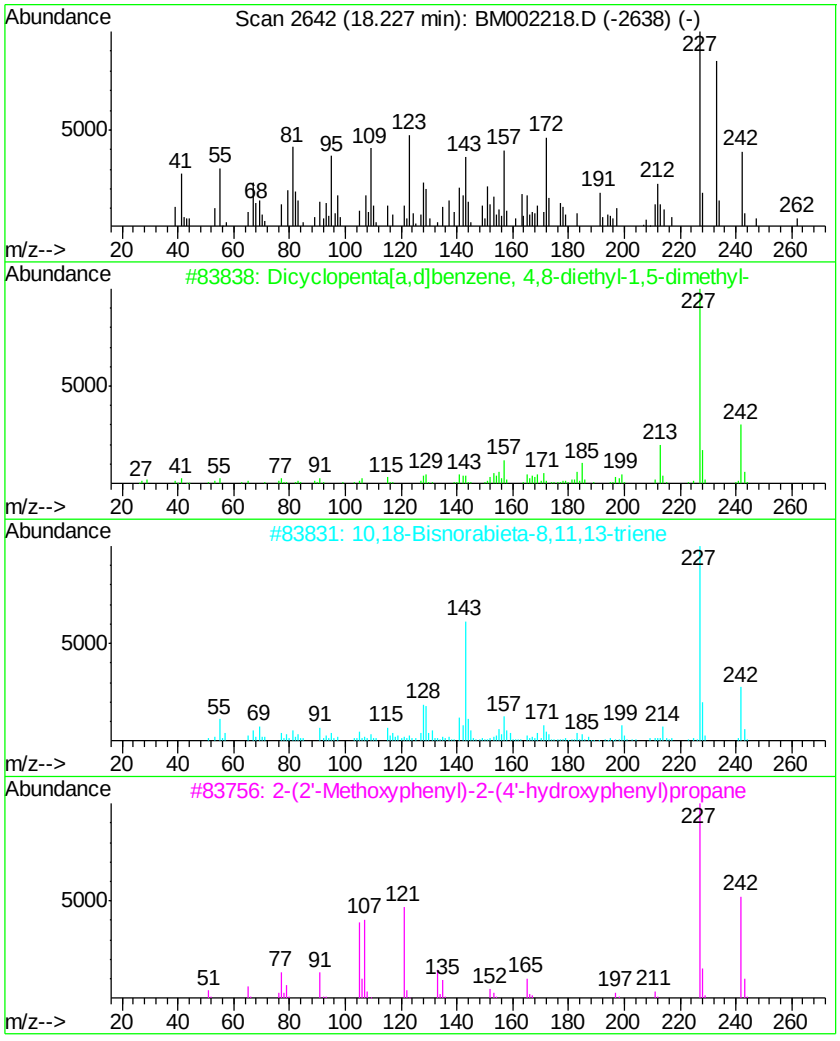
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

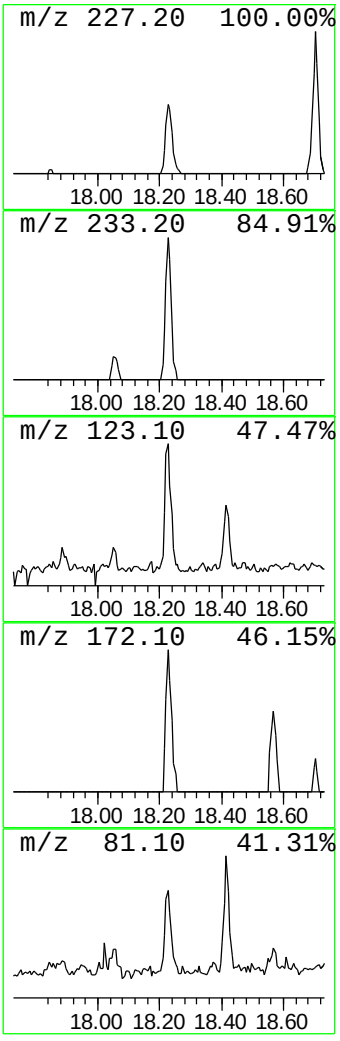
****

Peak Number 5 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	3.31 ng/ul	130627	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	38
2	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	30
3	2-(2'-Methoxyphenyl)-2-(4'-hydro...	242	C16H18O2	1000283-53-1	20
4	2-(2'-Methoxyphenyl)-2-(2'-hydro...	242	C16H18O2	1000283-53-4	20
5	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	18





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002218.D
Acq On : 04 Aug 2015 20:16
Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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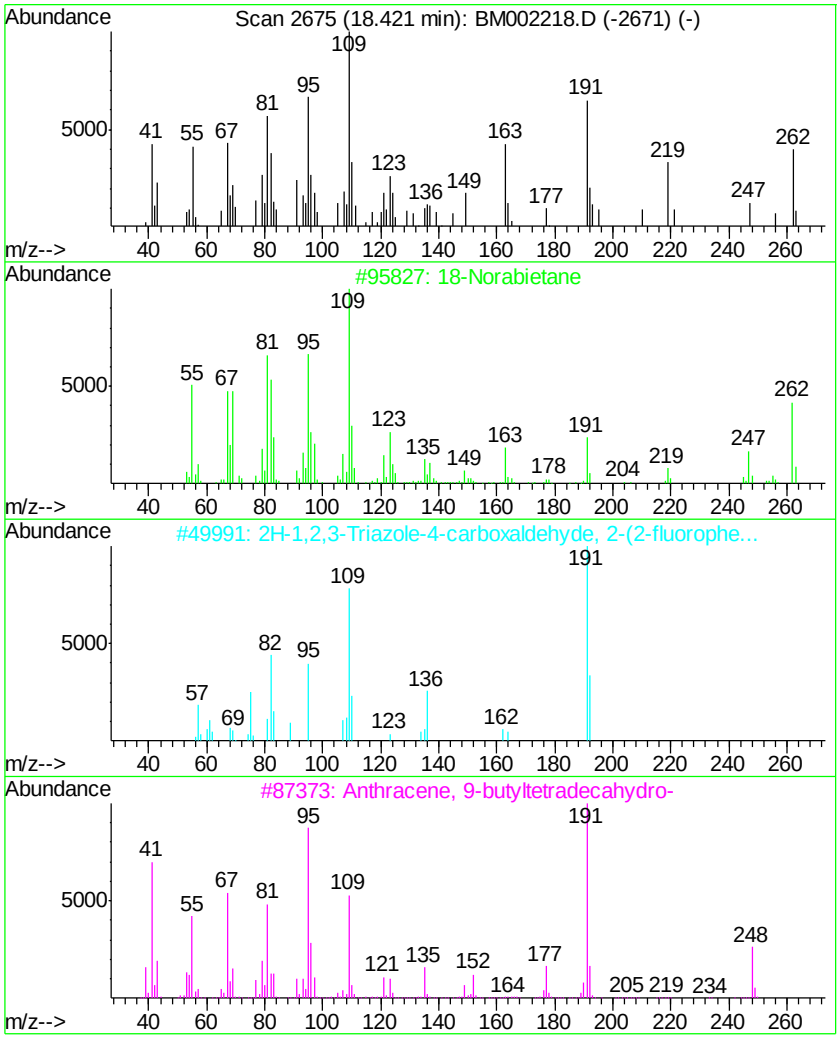
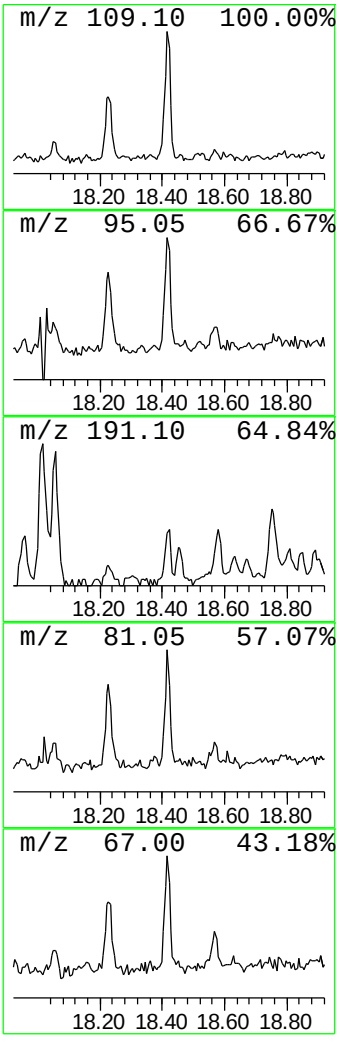
Peak Number 6 18-Norabietane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.45 ng/ul	96846	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	68
2	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	47
3	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	35
4	1,3-Dimethyl-7-(5H-tetrazol-5-yl...	262	C9H10N8O2	1000297-46-0	30
5	Fenthion O-analog	262	C10H15O4PS	006552-12-1	25





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Data File : BM002218.D
Acq On : 04 Aug 2015 20:16
Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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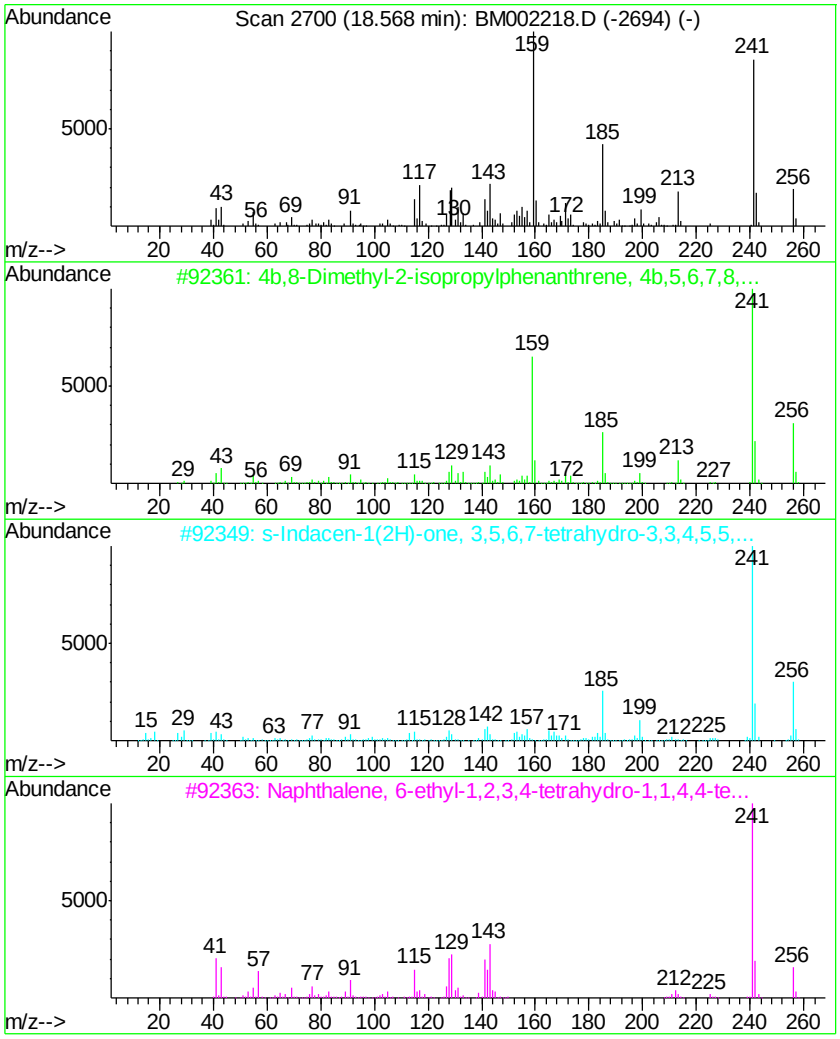
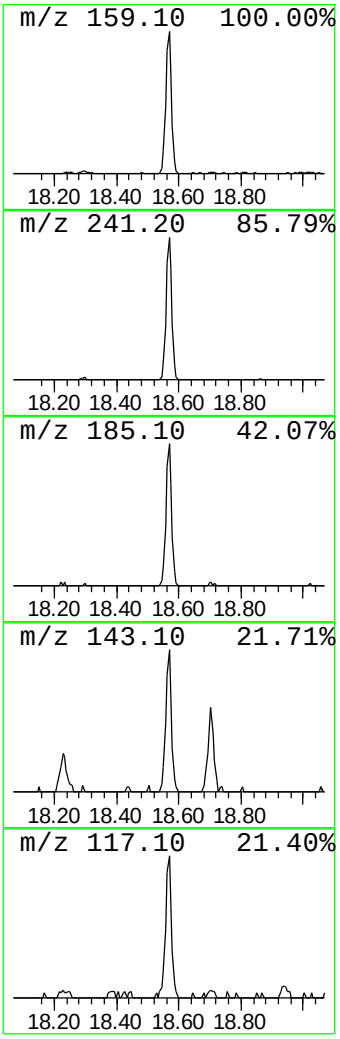
Peak Number 7 4b,8-Dimethyl-2-isopropylph... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	9.61 ng/ul	379731	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	96
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	80
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	41
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	38
5	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	25





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Acq On : 04 Aug 2015 20:16
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Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

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Quant Title : SVOA CALIBRATION

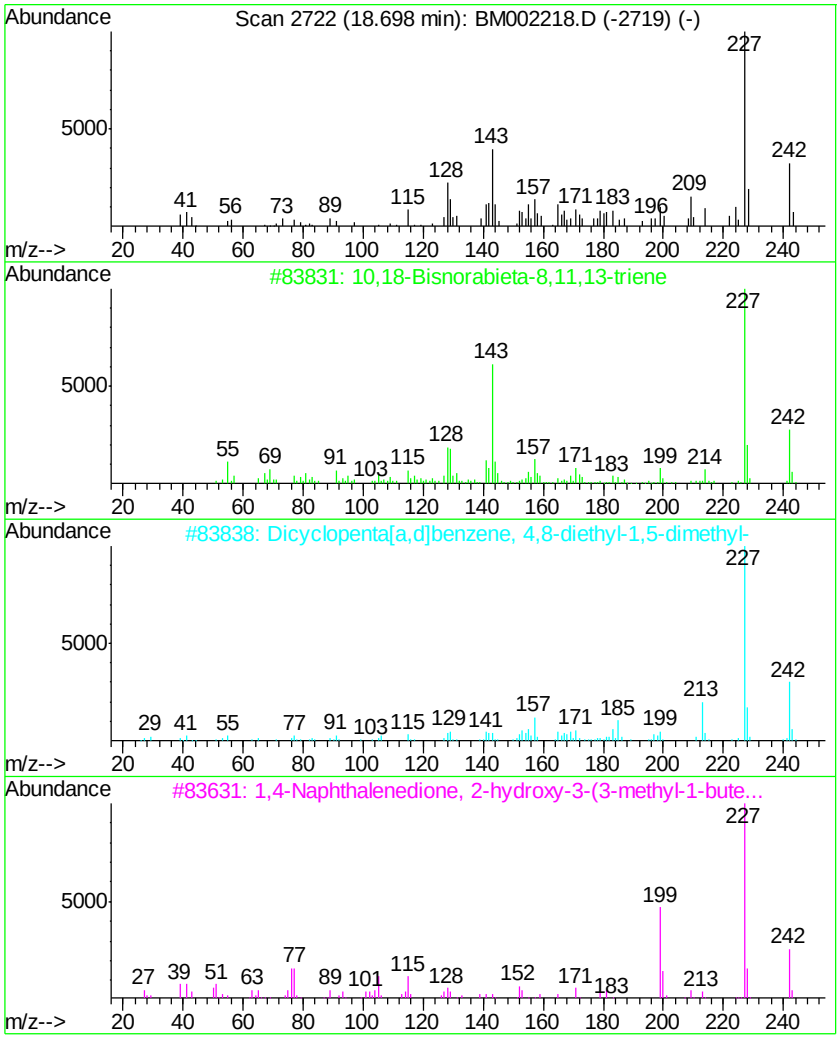
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

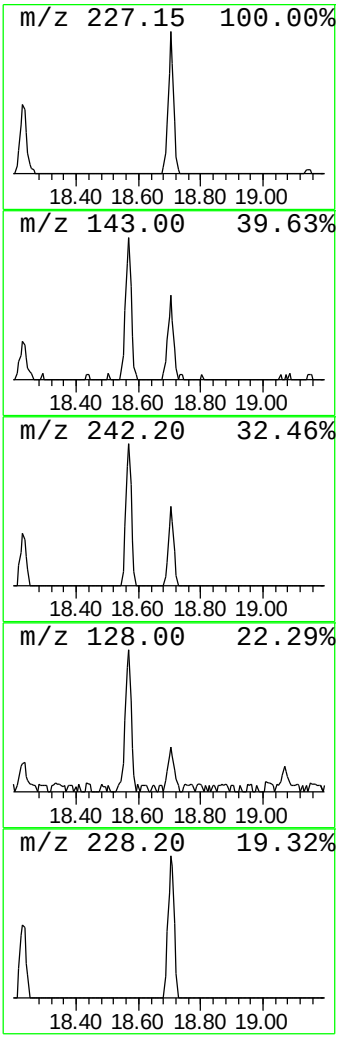
****

Peak Number 8 10,18-Bisnorabieta-8,11,13-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.24 ng/ul	88592	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	94
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	55
3	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	004042-39-1	53
4	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	49
5	5-Methoxy-2-methyl-4-oxo-1,2,3,4...	242	C14H14N2O2	1000227-06-0	49





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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId : C02G3RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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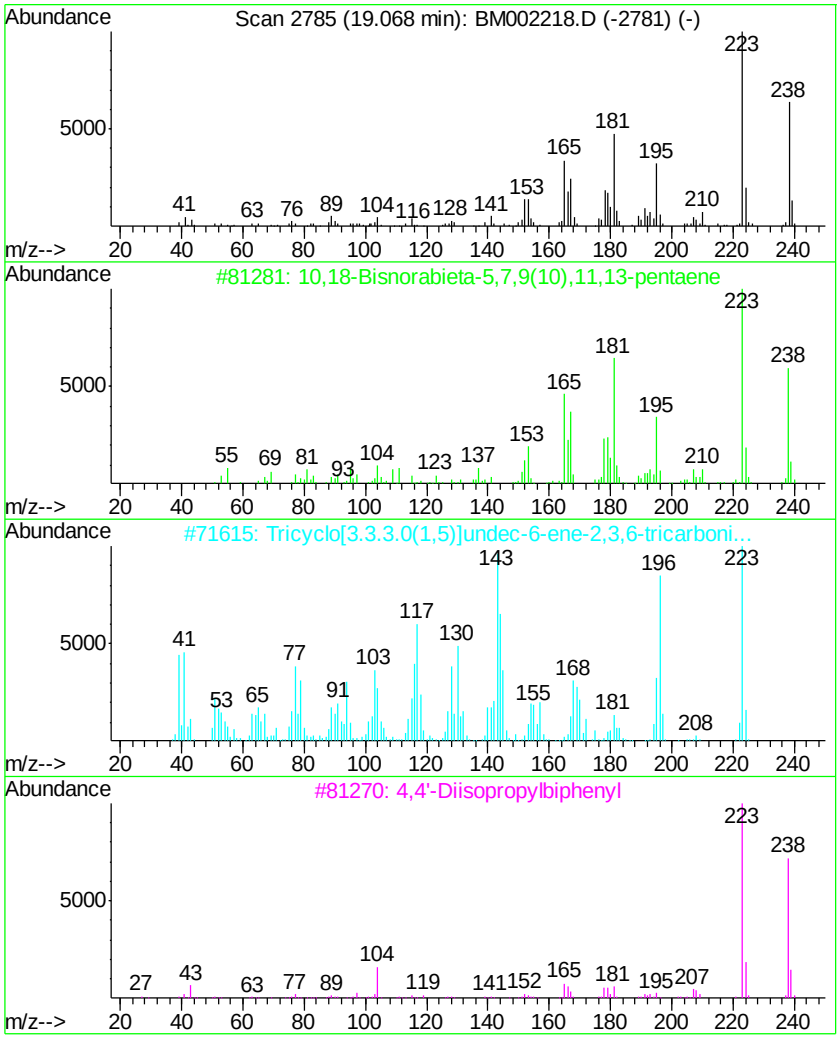
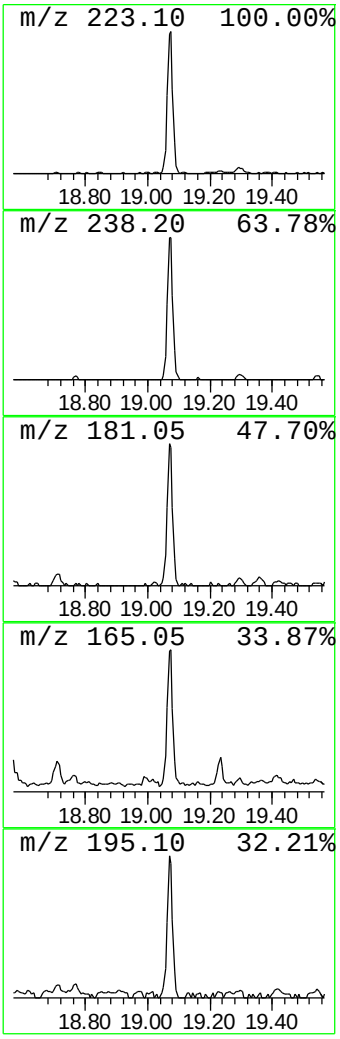
Peak Number 9 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	4.49 ng/ul	281028	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	92
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
4	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	49
5	4-tert-Butyl-benzophenone	238	C17H18O	022679-54-5	47





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Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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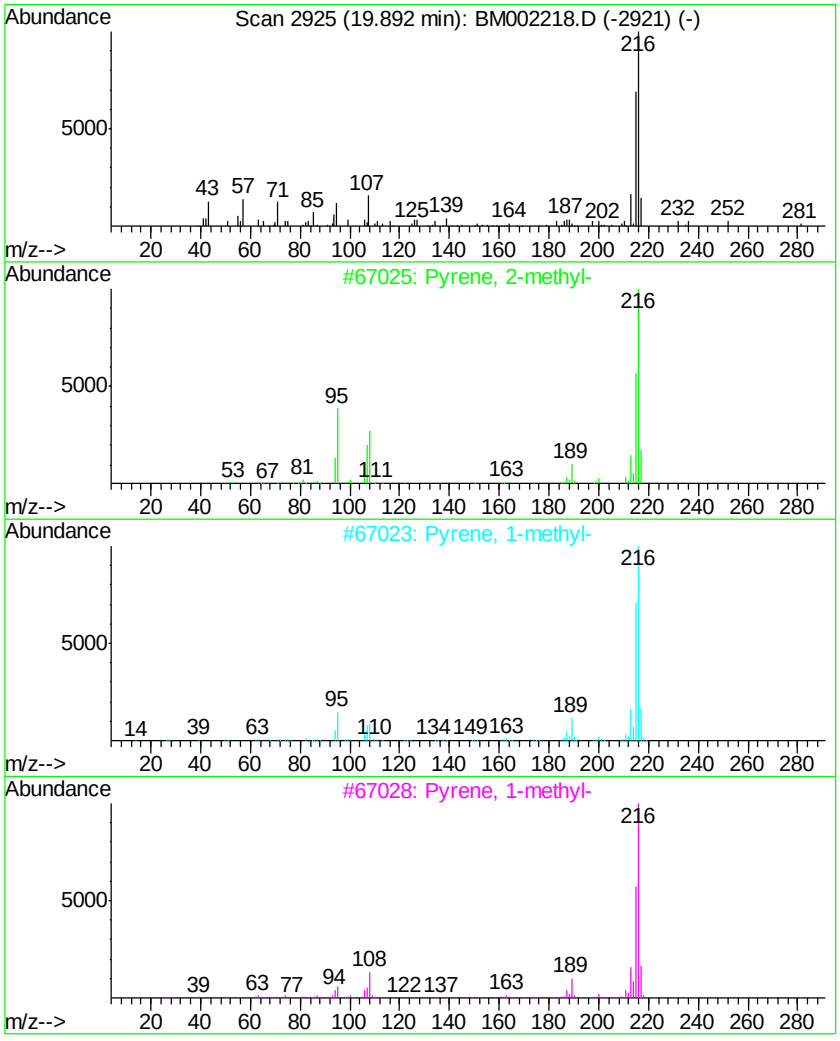
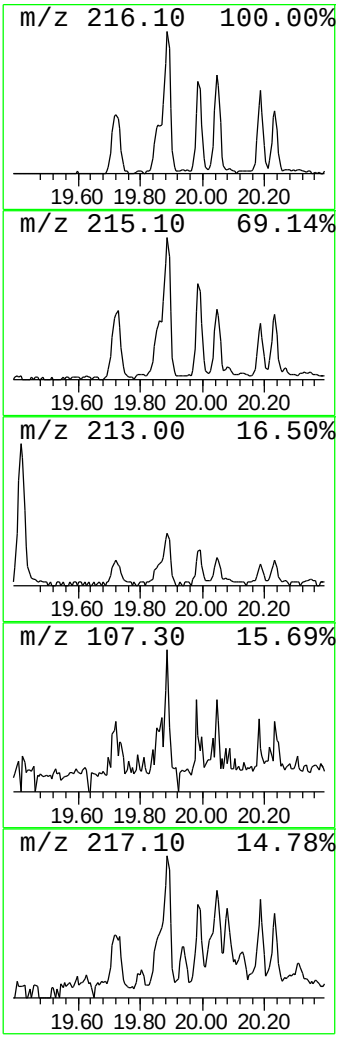
Peak Number 10 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.13 ng/ul	133141	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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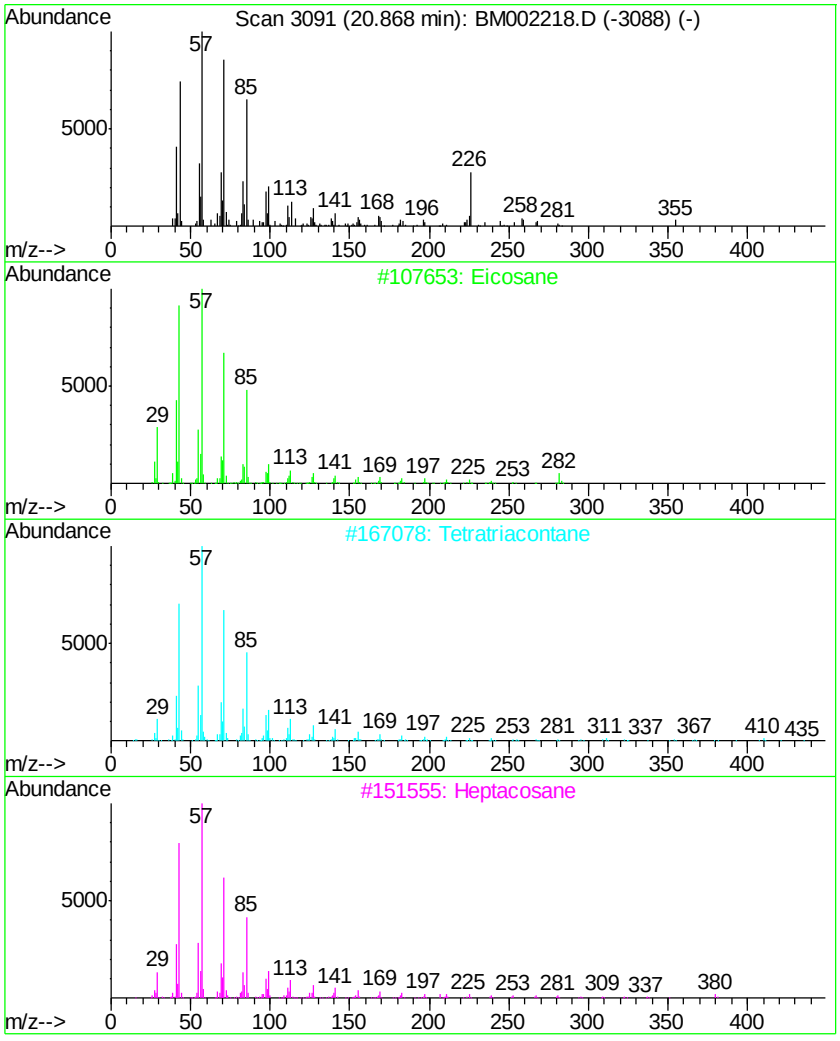
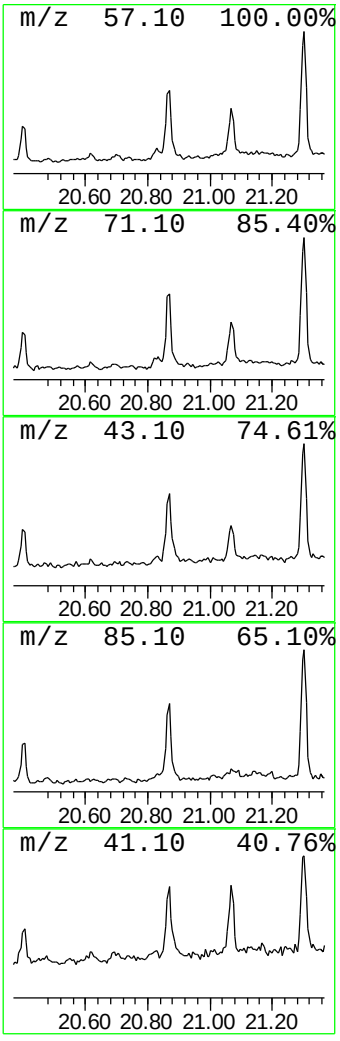
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.73 ng/ul	170980	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetratriacontane	479	C34H70	014167-59-0	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Hexatriacontane	507	C36H74	000630-06-8	83
5	Hexadecane	226	C16H34	000544-76-3	83





Library Search Compound Report

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Data File : BM002218.D
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Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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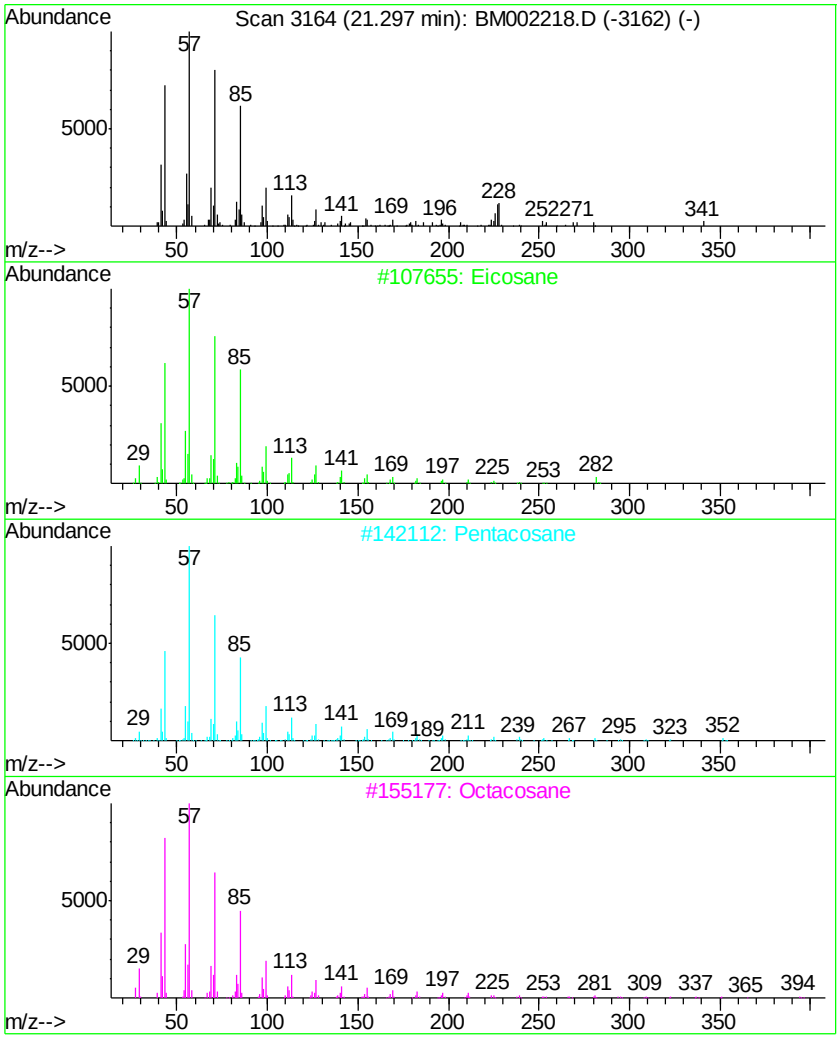
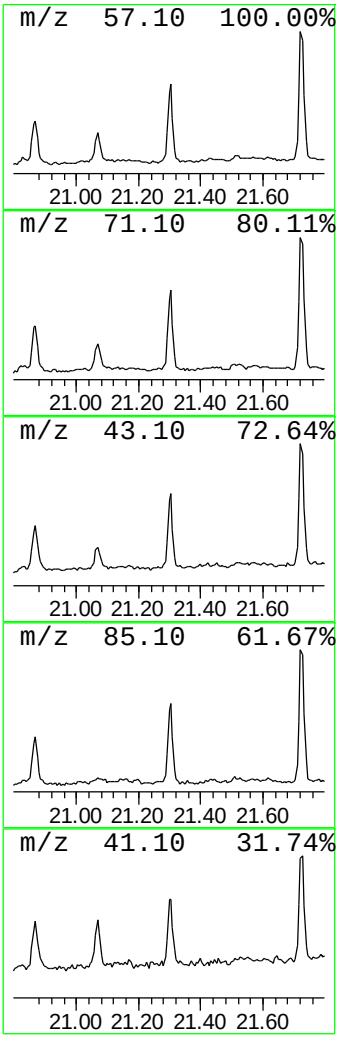
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	2.84 ng/ul	177338	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Pentacosane	352	C25H52	000629-99-2	64
3	Octacosane	394	C28H58	000630-02-4	62
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	62
5	Heneicosane	296	C21H44	000629-94-7	62





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Acq On : 04 Aug 2015 20:16
Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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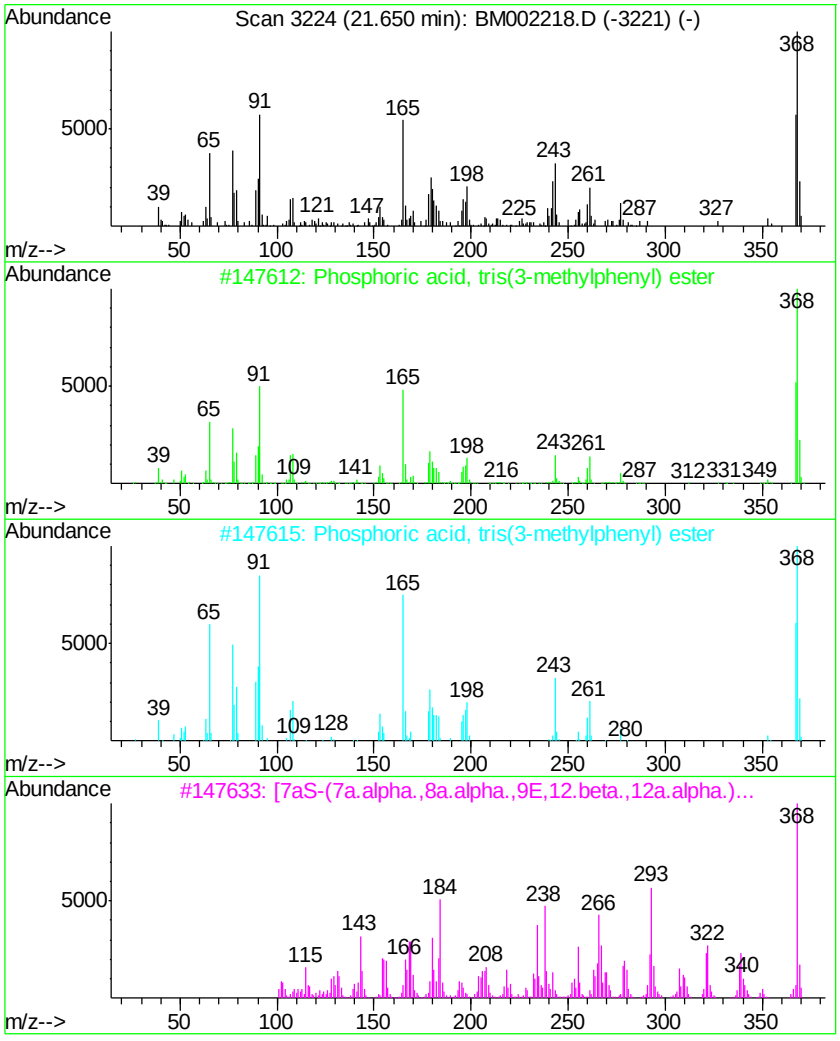
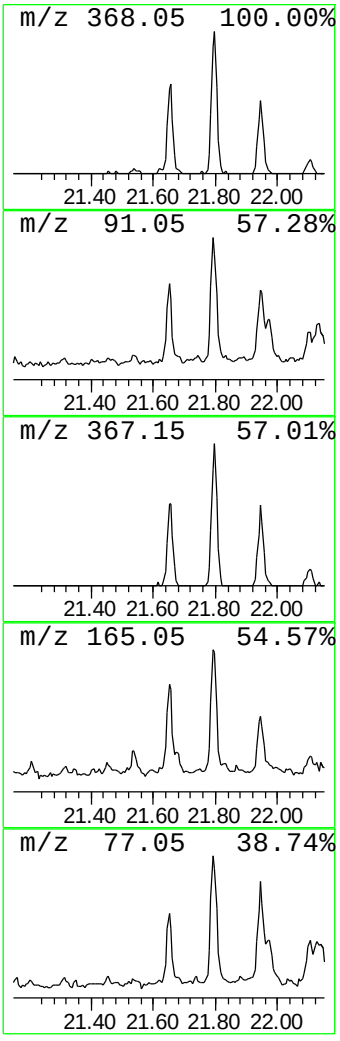
Peak Number 13 Phosphoric acid, tris(3-met... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	2.35 ng/ul	146954	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
2	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
3	[7aS-(7a.alpha.,8a.alpha.,9E,12....	368	C21H24N2O4	030809-15-5	93
4	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	93
5	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	90





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Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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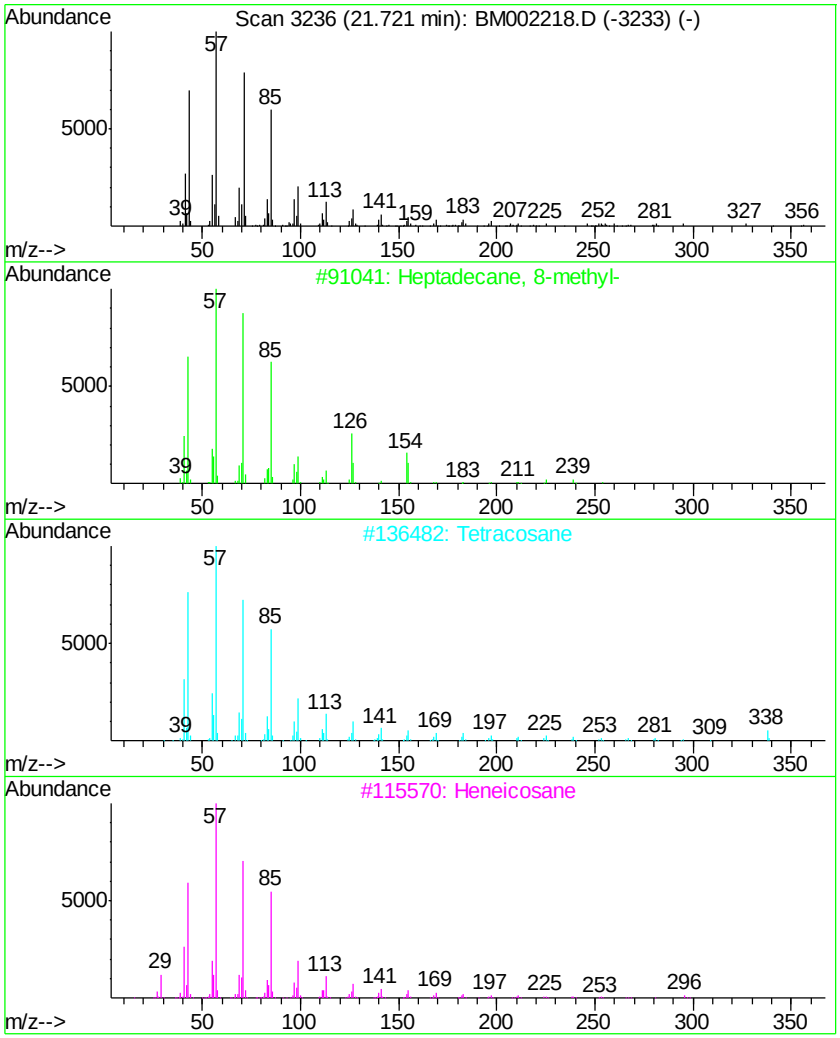
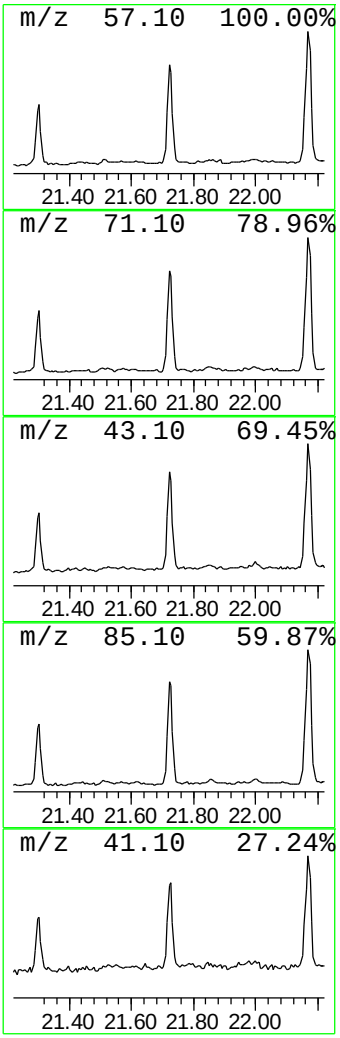
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	3.94 ng/ul	246519	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetratriacontane	479	C34H70	014167-59-0	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Library Search Compound Report

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Data File : BM002218.D
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Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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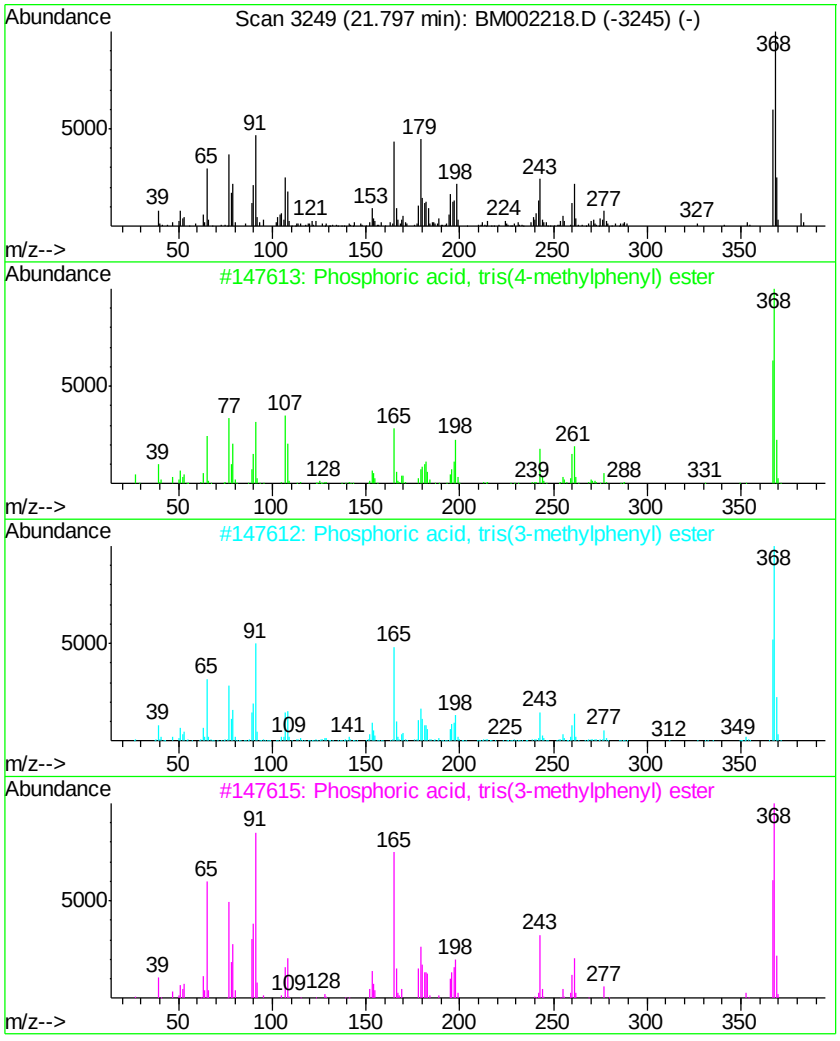
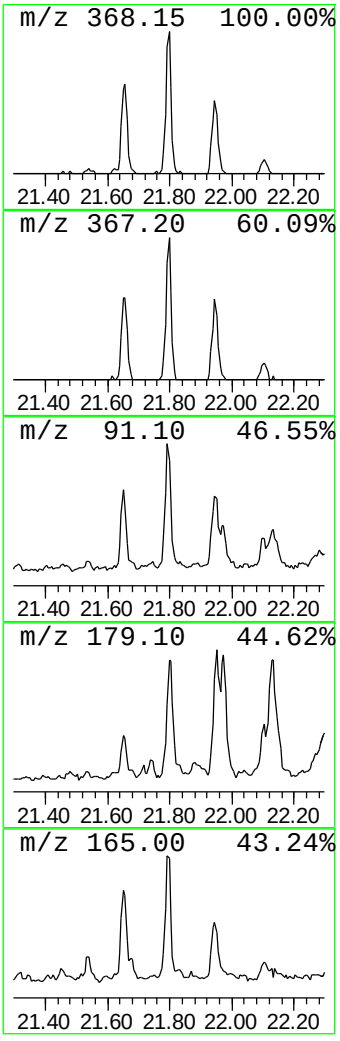
Peak Number 15 Phosphoric acid, tris(4-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	3.79 ng/ul	237313	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	98
2	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	98
3	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	98
4	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	76
5	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	45





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Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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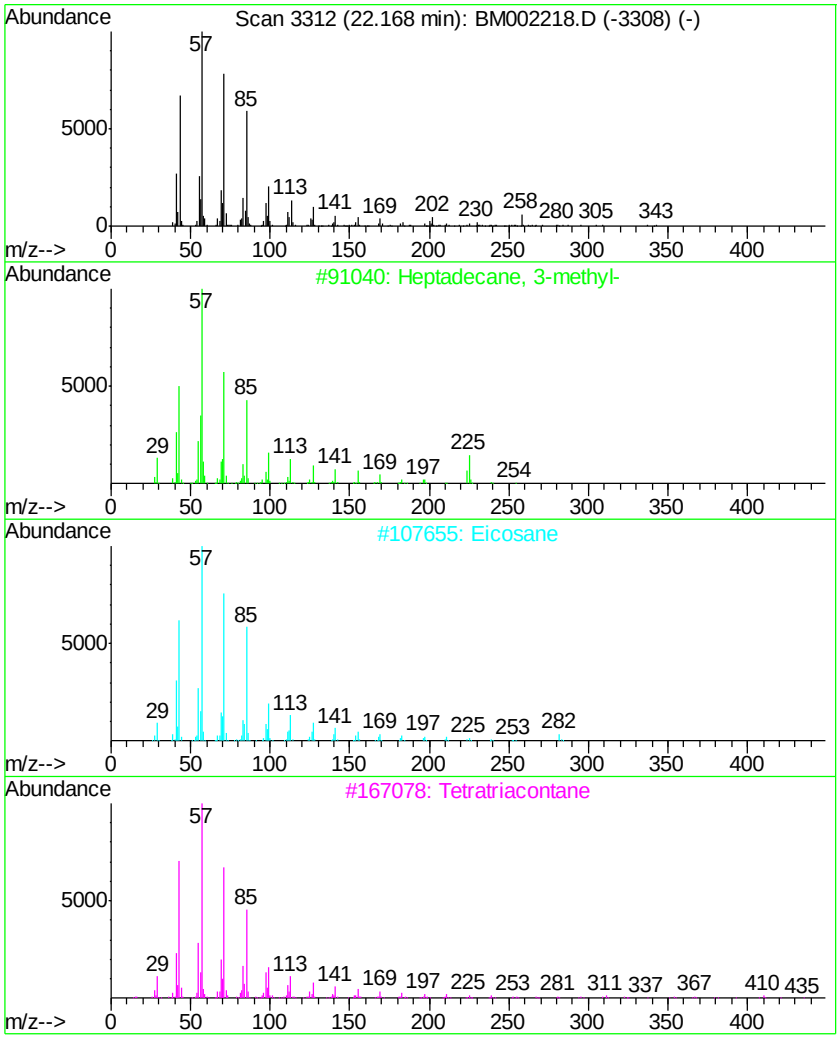
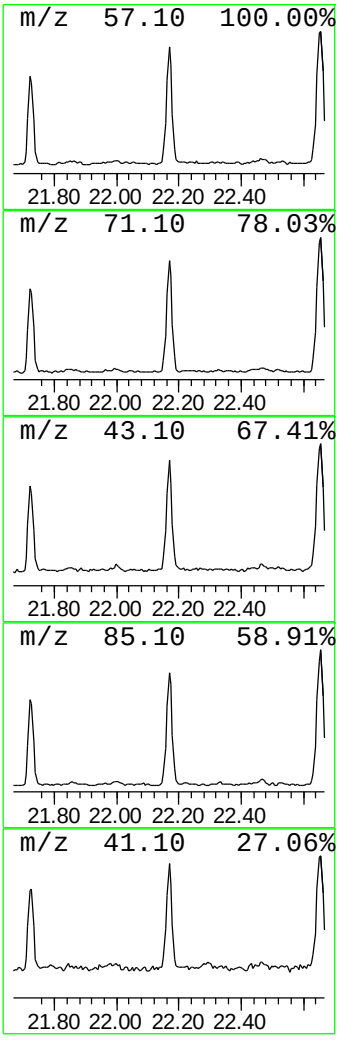
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.17	6.51 ng/ul	407000	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	93
2	Eicosane	282	C20H42	000112-95-8	90
3	Tetratriacontane	479	C34H70	014167-59-0	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89





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Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

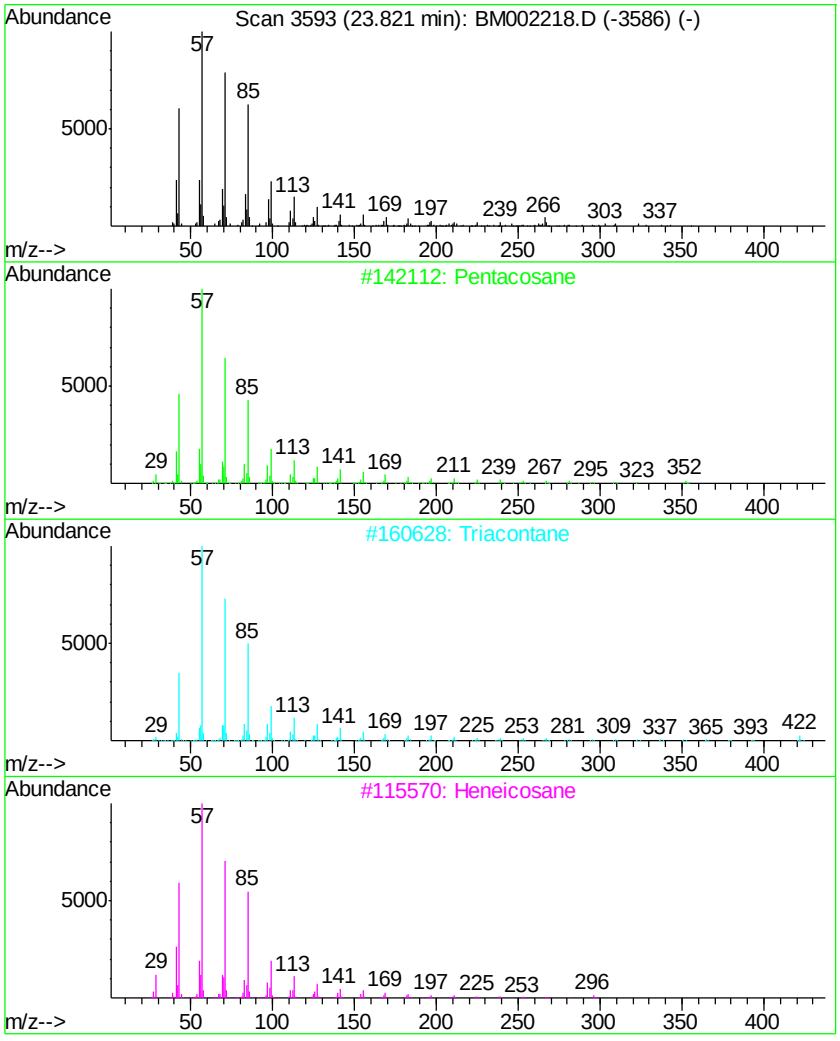
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

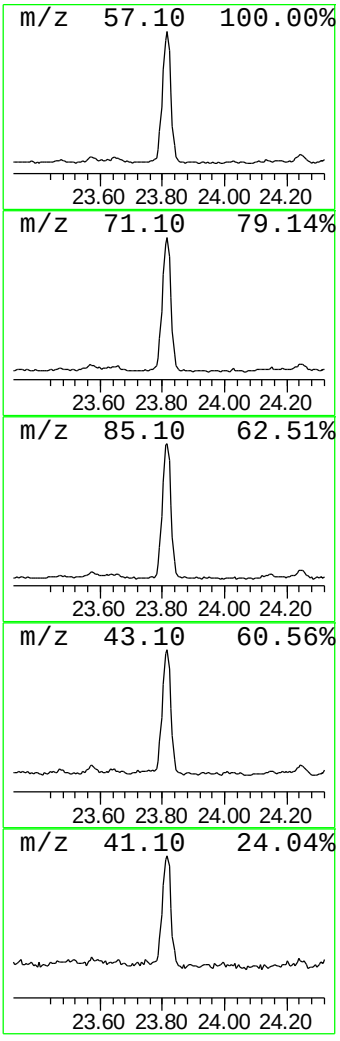
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	14.84 ng/ul	581227	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91





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Acq On : 04 Aug 2015 20:16
Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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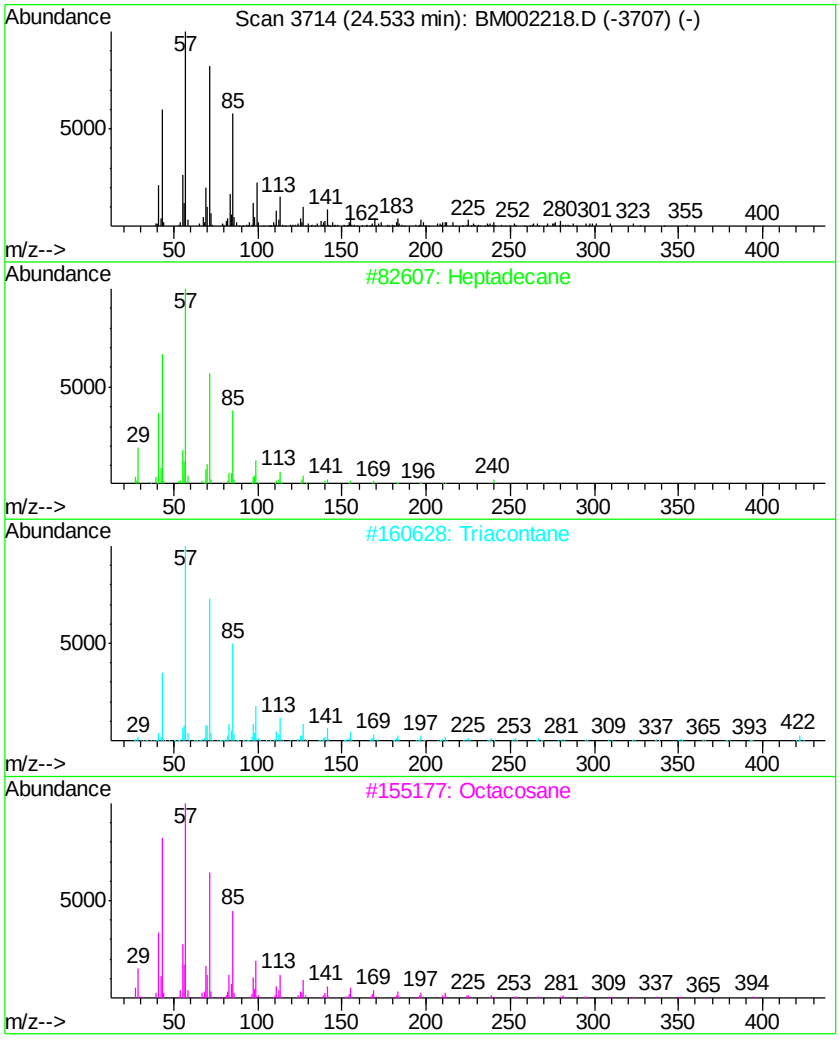
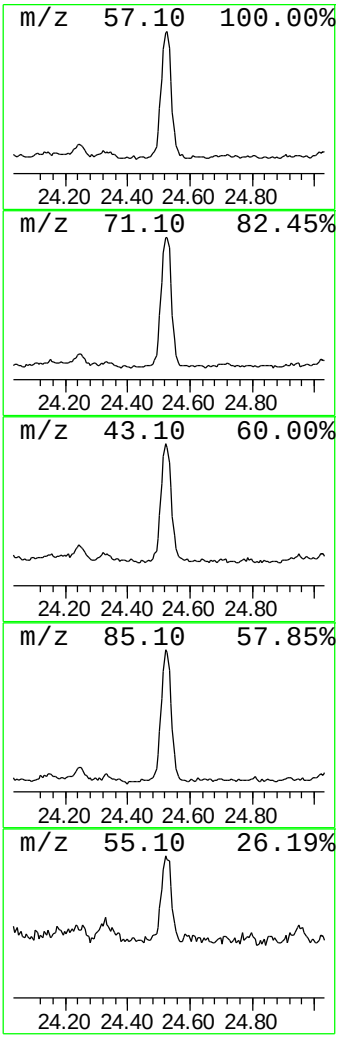
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.53	10.06 ng/ul	394022	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Triacontane	422	C30H62	000638-68-6	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002218.D
Acq On : 04 Aug 2015 20:16
Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

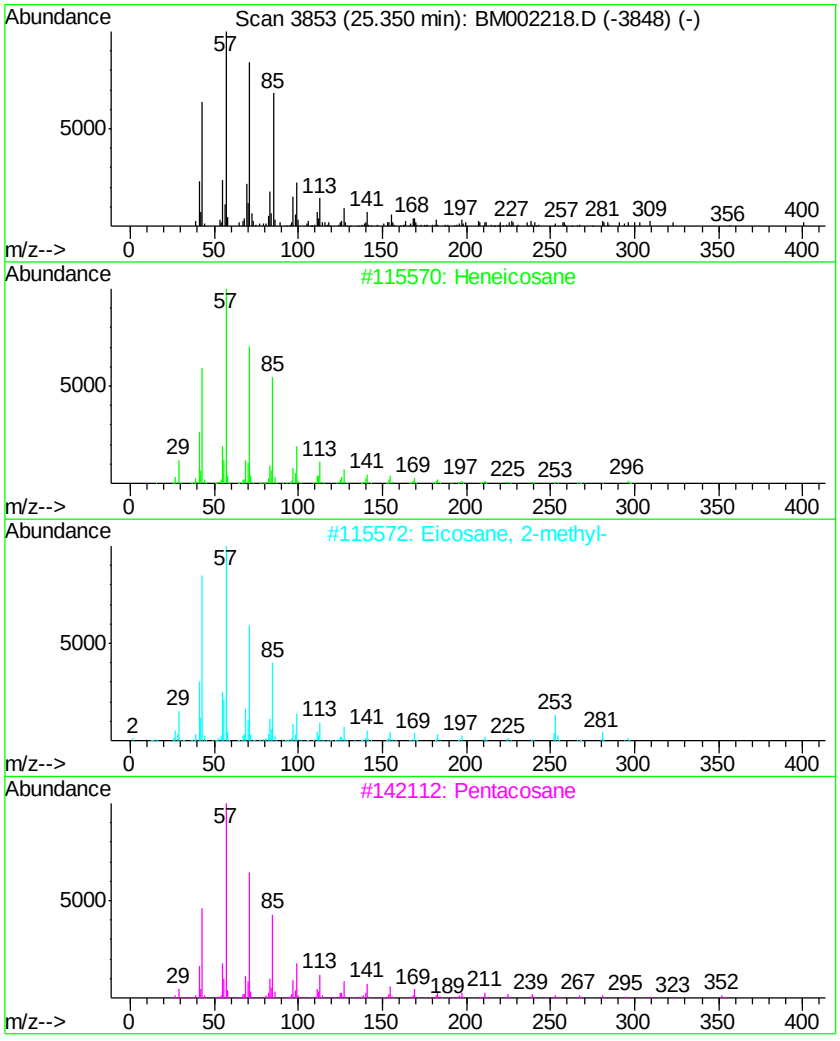
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

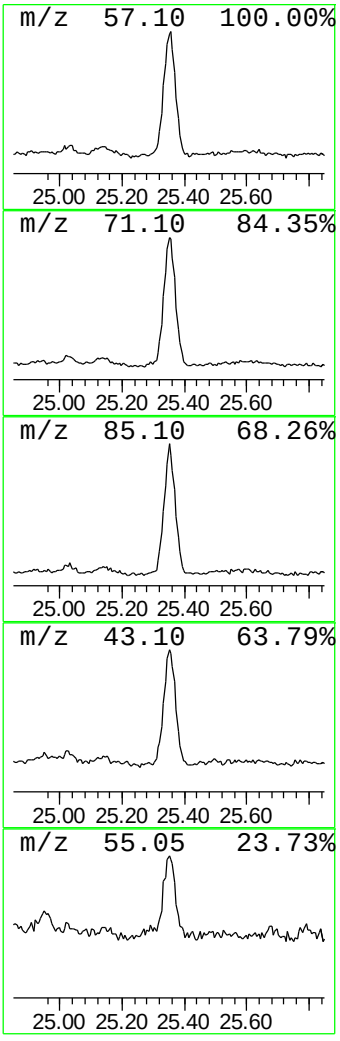
****

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.35	10.11 ng/ul	395849	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Tetratriacontane	479	C34H70	014167-59-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002218.D
Acq On : 04 Aug 2015 20:16
Operator : TP/UM
Sample : G3073-18RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 1-m...	17.83	2.4	ng/ul	94531	4	16.95	790121	20.0
Anthracene, 1-met...	17.87	3.1	ng/ul	121137	4	16.95	790121	20.0
4H-Cyclopenta[def...	18.02	3.2	ng/ul	125520	4	16.95	790121	20.0
unknown-01	18.23	3.3	ng/ul	130627	4	16.95	790121	20.0
18-Norabietane	18.42	2.5	ng/ul	96846	4	16.95	790121	20.0
4b,8-Dimethyl-2-i...	18.57	9.6	ng/ul	379731	4	16.95	790121	20.0
10,18-Bisnorabiet...	18.70	2.2	ng/ul	88592	4	16.95	790121	20.0
10,18-Bisnorabiet...	19.07	4.5	ng/ul	281028	5	21.16	1250750	20.0
Pyrene, 2-methyl-	19.89	2.1	ng/ul	133141	5	21.16	1250750	20.0
(DEL) Alkane: Str...	20.87	2.7	ng/ul	170980	5	21.16	1250750	20.0
(DEL) Alkane: Str...	21.30	2.8	ng/ul	177338	5	21.16	1250750	20.0
Phosphoric acid, ...	21.65	2.4	ng/ul	146954	5	21.16	1250750	20.0
(DEL) Alkane: Str...	21.72	3.9	ng/ul	246519	5	21.16	1250750	20.0
Phosphoric acid, ...	21.80	3.8	ng/ul	237313	5	21.16	1250750	20.0
(DEL) Alkane: Str...	22.17	6.5	ng/ul	407000	5	21.16	1250750	20.0
(DEL) Alkane: Str...	23.82	14.8	ng/ul	581227	6	23.34	783288	20.0
(DEL) Alkane: Str...	24.53	10.1	ng/ul	394022	6	23.34	783288	20.0
(DEL) Alkane: Str...	25.35	10.1	ng/ul	395849	6	23.34	783288	20.0