LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096051.D
Acq On : 20 Jun 2017 18:38
Operator : SJ/MA
Sample : I3693-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-C

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.557	9	12	30	rBV	350933	633448	71.70%	4.892%
2	5.222	631	635	664	rBV2	43272	178603	20.22%	1.379%
3	6.904	918	921	929	rBV2	52484	135190	15.30%	1.044%
4	6.969	929	932	952	rVB	128502	323477	36.62%	2.498%
5	7.292	983	987	1003	rBV	275161	400131	45.29%	3.090%
6	7.527	1023	1027	1042	rBV	121464	189551	21.46%	1.464%
7	8.227	1143	1146	1160	rBV	46798	113738	12.87%	0.878%
8	9.321	1328	1332	1347	rBV	382017	543446	61.51%	4.197%
9	10.492	1528	1531	1540	rBV	32439	45684	5.17%	0.353%
10	10.639	1549	1556	1567	rBV	45634	67245	7.61%	0.519%
11	11.104	1630	1635	1647	rVB	230958	286440	32.42%	2.212%
12	11.510	1700	1704	1711	rBV4	29035	63211	7.16%	0.488%
13	11.627	1718	1724	1728	rBV	54985	80006	9.06%	0.618%
14	11.668	1728	1731	1740	rVB	38729	49050	5.55%	0.379%
15	11.810	1751	1755	1765	rVB4	37338	75306	8.52%	0.582%
16	11.921	1769	1774	1783	rBV2	45617	77718	8.80%	0.600%
17	12.145	1807	1812	1817	rBV2	373629	484506	54.84%	3.742%
18	12.192	1817	1820	1827	rVB2	56316	88249	9.99%	0.682%
19	12.357	1844	1848	1854	rBV2	10460	19228	2.18%	0.148%
20	12.498	1866	1872	1874	rBV	35901	49025	5.55%	0.379%
21	12.580	1881	1886	1890	rBV2	20018	23411	2.65%	0.181%
22	12.698	1896	1906	1910	rBV4	20239	33907	3.84%	0.262%
23	12.745	1910	1914	1921	rVB2	12386	16741	1.89%	0.129%
24	12.998	1947	1957	1960	rBV5	19979	33486	3.79%	0.259%
25	13.039	1960	1964	1975	rVB	106070	144368	16.34%	1.115%
26	13.127	1975	1979	1982	rBV4	12286	20011	2.27%	0.155%
27	13.315	2008	2011	2017	rBV4	14637	31162	3.53%	0.241%
28	13.451	2030	2034	2042	rVV4	66148	110751	12.54%	0.855%
29	13.786	2084	2091	2095	rBV4	17195	33507	3.79%	0.259%
30	13.939	2110	2117	2121	rBV2	23423	40876	4.63%	0.316%
31	13.980	2121	2124	2129	rVV3	16175	25666	2.91%	0.198%
32	14.062	2132	2138	2144	rVB4	11495	20471	2.32%	0.158%
33	14.368	2188	2190	2196	rVB	32417	39715	4.50%	0.307%
34	14.498	2207	2212	2215	rBV	12809	19566	2.21%	0.151%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I3693-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-C

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.539	2215	2219	2222	rVV	321950	406539	46.02%	3.140%
36	14.574	2222	2225	2234	rVB	400261	505880	57.26%	3.907%
37	14.662	2236	2240	2249	rVB	104896	155963	17.65%	1.204%
38	14.768	2253	2258	2261	rBV2	12199	18297	2.07%	0.141%
39	14.986	2292	2295	2302	rVV3	14761	30296	3.43%	0.234%
40	15.080	2308	2311	2316	rVB2	24828	28093	3.18%	0.217%
41	15.215	2331	2334	2341	rVB2	11359	19255	2.18%	0.149%
42	15.345	2348	2356	2360	rBV	94822	119745	13.55%	0.925%
43	15.392	2360	2364	2369	rVV	97574	115559	13.08%	0.892%
44	15.468	2372	2377	2379	rVV	38314	51188	5.79%	0.395%
45	15.498	2379	2382	2386	rVV2	108682	157696	17.85%	1.218%
46	15.545	2386	2390	2401	rVB	61690	96653	10.94%	0.746%
47	15.803	2430	2434	2439	rBV2	46349	62106	7.03%	0.480%
48	16.015	2466	2470	2474	rBV2	14912	21441	2.43%	0.166%
49	16.062	2474	2478	2482	rVV	27614	32009	3.62%	0.247%
50	16.162	2491	2495	2498	rBV	71034	86322	9.77%	0.667%
51	16.203	2498	2502	2506	rVV3	40057	65134	7.37%	0.503%
52	16.245	2506	2509	2511	rVV2	18175	20952	2.37%	0.162%
53	16.280	2511	2515	2519	rVV3	46325	74800	8.47%	0.578%
54	16.315	2519	2521	2524	rVV2	37194	36032	4.08%	0.278%
55	16.362	2524	2529	2535	rVV	569018	689391	78.03%	5.324%
56	16.409	2535	2537	2543	rVB3	14720	19108	2.16%	0.148%
57	16.468	2543	2547	2550	rBV5	21529	33581	3.80%	0.259%
58	16.503	2550	2553	2558	rVB2	30346	37947	4.30%	0.293%
59	16.562	2560	2563	2567	rBV3	21004	26965	3.05%	0.208%
60	16.668	2576	2581	2587	rVV	631243	717457	81.21%	5.541%
61	16.750	2592	2595	2600	rVV3	11514	22408	2.54%	0.173%
62	16.797	2600	2603	2608	rVB	18515	22112	2.50%	0.171%
63	16.862	2611	2614	2619	rBV2	27985	35949	4.07%	0.278%
64	16.915	2619	2623	2630	rVB	200644	243894	27.61%	1.884%
65	16.997	2630	2637	2644	rBV2	43304	90229	10.21%	0.697%
66	17.103	2652	2655	2658	rBV2	41226	69926	7.92%	0.540%
67	17.139	2658	2661	2667	rVB	104019	133303	15.09%	1.029%
68	17.227	2667	2676	2680	rBV2	99588	134563	15.23%	1.039%
69	17.274	2680	2684	2691	rBV2	84223	135692	15.36%	1.048%
70	17.386	2699	2703	2707	rVV	52262	68693	7.78%	0.530%
71	17.427	2707	2710	2714	rVV2	40408	48877	5.53%	0.377%

LSC Area Percent Report

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Sample : I3693-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-C

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.580	2732	2736	2740	rBV6	14652	21116	2.39%	0.163%
73	17.644	2743	2747	2748	rBV3	14439	16950	1.92%	0.131%
74	17.780	2767	2770	2775	rBV4	26421	47878	5.42%	0.370%
75	17.839	2777	2780	2784	rVV3	32553	39480	4.47%	0.305%
76	17.944	2794	2798	2800	rVV2	59477	70643	8.00%	0.546%
77	17.974	2800	2803	2806	rVV	56975	66237	7.50%	0.512%
78	18.009	2806	2809	2812	rVV	35537	44892	5.08%	0.347%
79	18.050	2812	2816	2819	rVB	31321	37887	4.29%	0.293%
80	18.115	2824	2827	2833	rVB2	36654	48159	5.45%	0.372%
81	18.168	2833	2836	2838	rBV2	21918	30013	3.40%	0.232%
82	18.262	2847	2852	2856	rBV2	557717	883441	100.00%	6.822%
83	18.303	2856	2859	2866	rVV2	264650	394313	44.63%	3.045%
84	18.397	2870	2875	2878	rVV2	69107	89022	10.08%	0.687%
85	18.497	2887	2892	2897	rBV3	35132	53650	6.07%	0.414%
86	18.556	2899	2902	2906	rVV2	36744	55317	6.26%	0.427%
87	18.603	2906	2910	2914	rVB5	44294	63856	7.23%	0.493%
88	18.774	2934	2939	2943	rBV	86303	123999	14.04%	0.958%
89	18.815	2943	2946	2950	rVB2	49582	58804	6.66%	0.454%
90	18.891	2956	2959	2962	rVB2	39044	50446	5.71%	0.390%
91	18.933	2962	2966	2967	rBV3	28811	39748	4.50%	0.307%
92	19.168	3004	3006	3008	rBV2	16111	17427	1.97%	0.135%
93	19.344	3034	3036	3040	rBV3	22885	26025	2.95%	0.201%
94	19.538	3065	3069	3072	rBV	304071	415323	47.01%	3.207%
95	19.650	3085	3088	3092	rBV2	63729	73274	8.29%	0.566%
96	19.827	3115	3118	3122	rBV	172566	185682	21.02%	1.434%
97	19.886	3125	3128	3134	rVB	231500	254237	28.78%	1.963%
98	19.938	3134	3137	3141	rBV	255226	306853	34.73%	2.370%
99	21.103	3331	3335	3341	rVB2	97721	157455	17.82%	1.216%
100	21.432	3387	3391	3397	rVB	83471	145876	16.51%	1.127%

Sum of corrected areas: 12948948

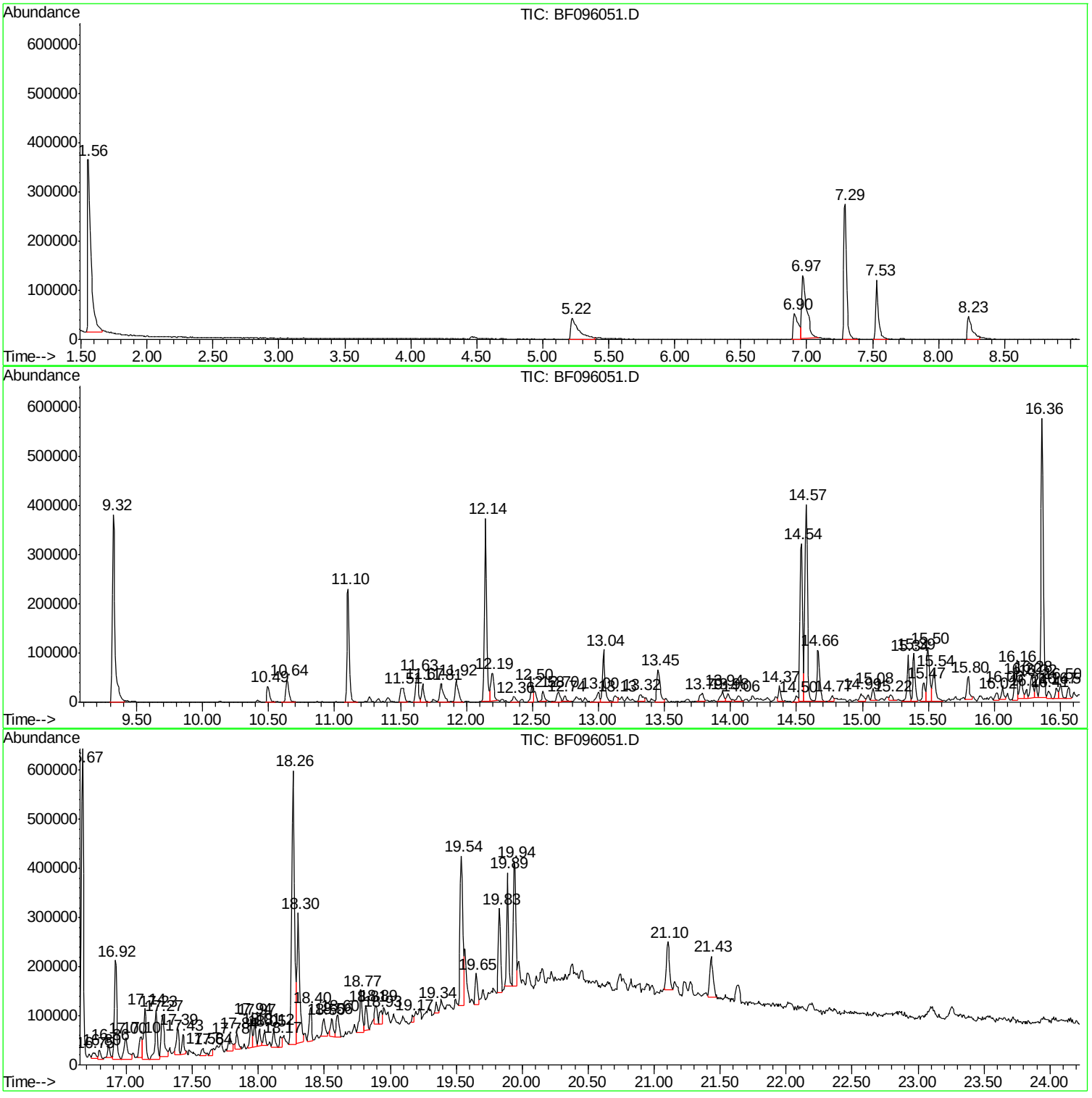
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096051.D
Acq On : 20 Jun 2017 18:38
Operator : SJ/MA
Sample : I3693-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096051.D
Acq On : 20 Jun 2017 18:38
Operator : SJ/MA
Sample : I3693-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

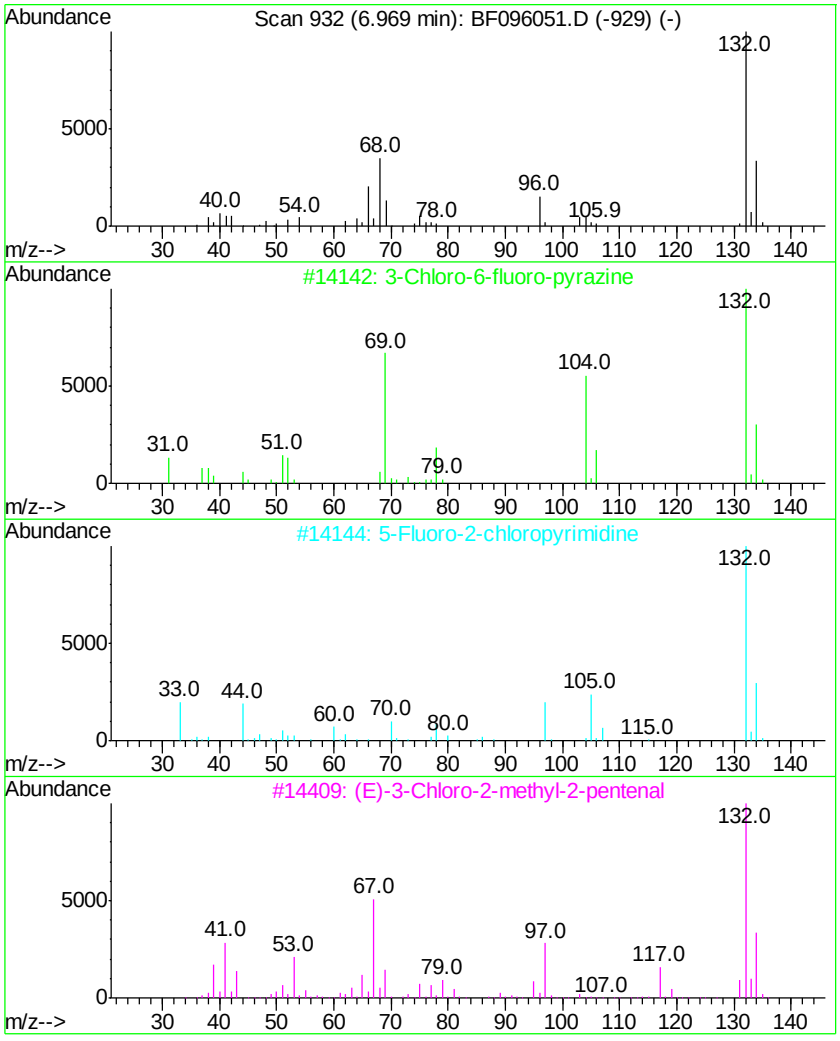
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

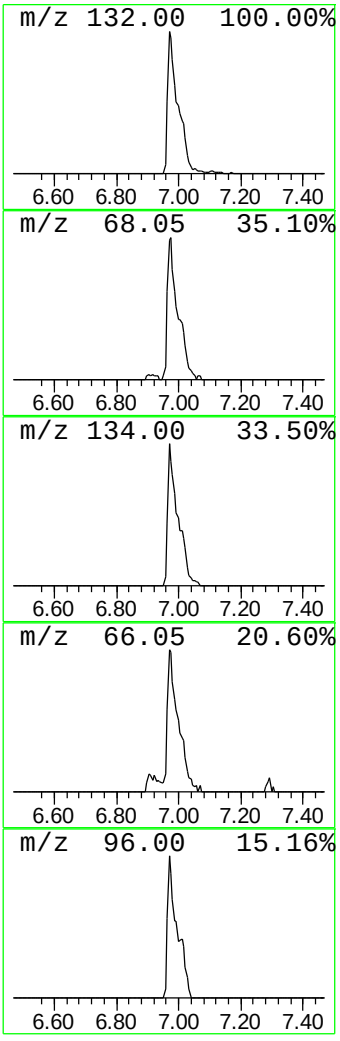
****

Peak Number 2 unknown6.97 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	16.17 ng	323477	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
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Sample : I3693-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

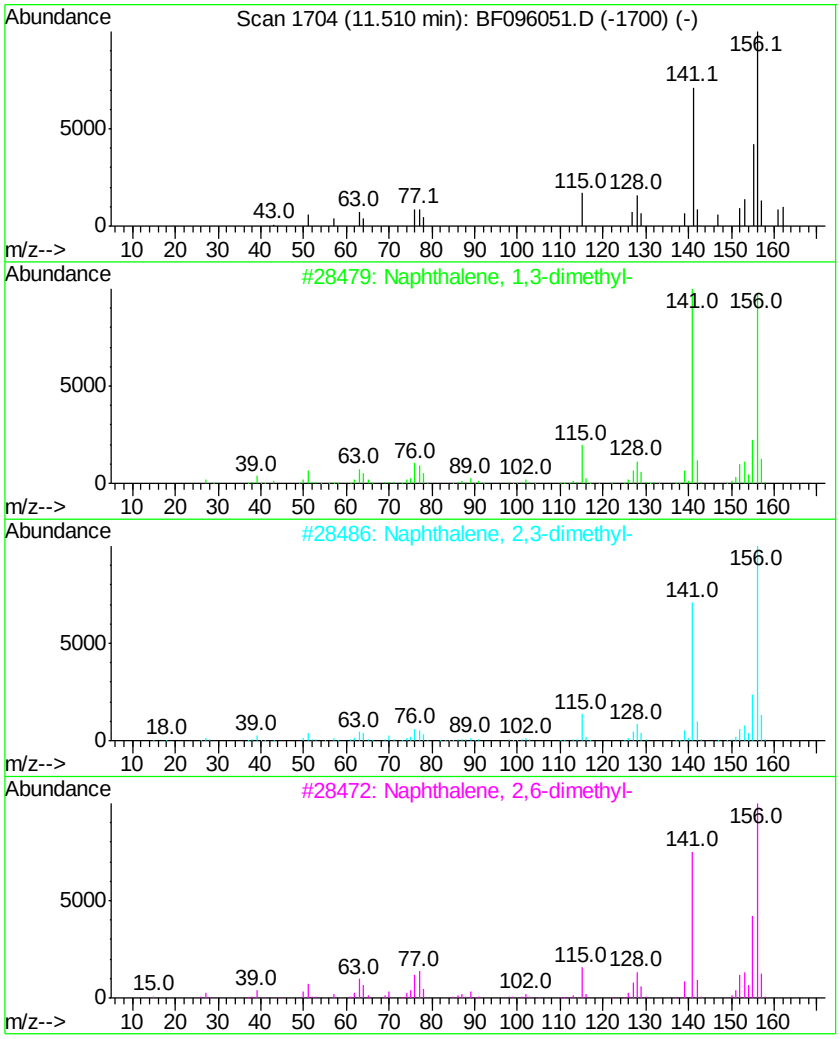
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

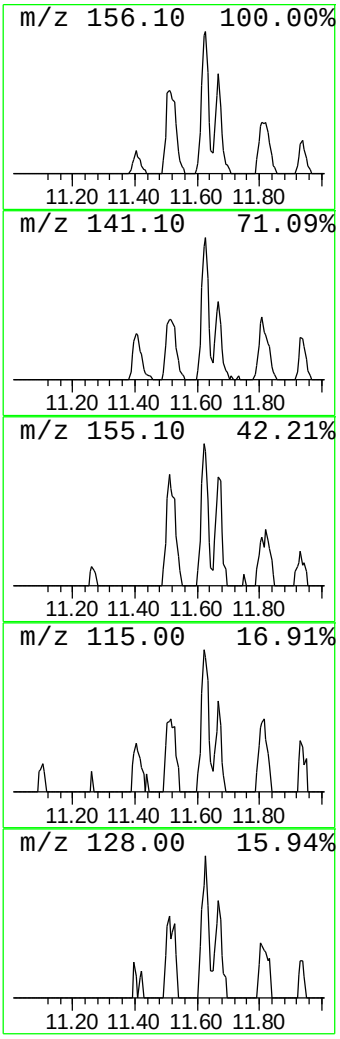
****

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	2.61 ng	63211	Acenaphthene-d10	12.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93





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Misc :
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Instrument : BNA_F
ClientSampleId : PL-01-061417-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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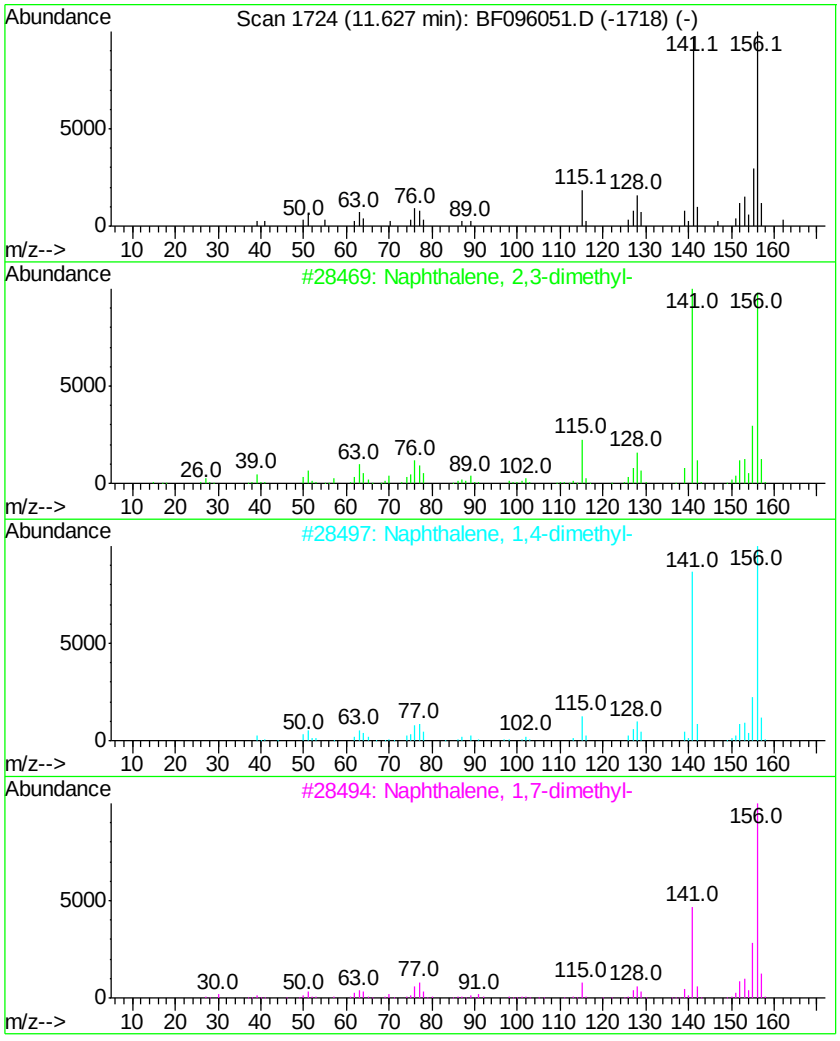
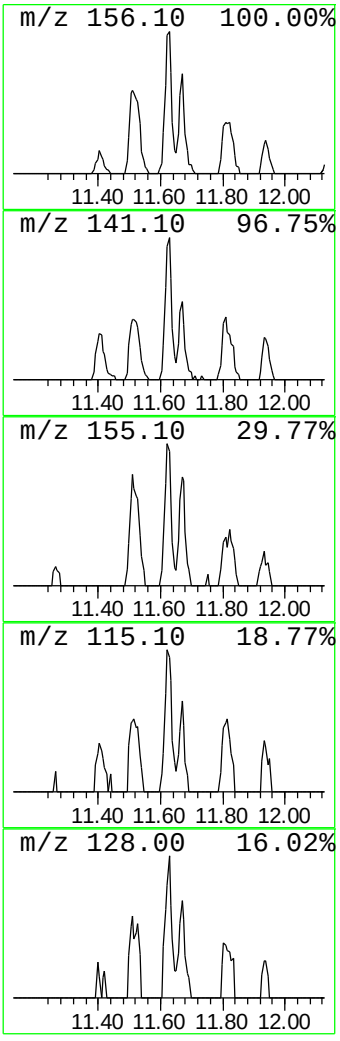
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	3.30 ng	80006	Acenaphthene-d10	12.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
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Acq On : 20 Jun 2017 18:38
Operator : SJ/MA
Sample : I3693-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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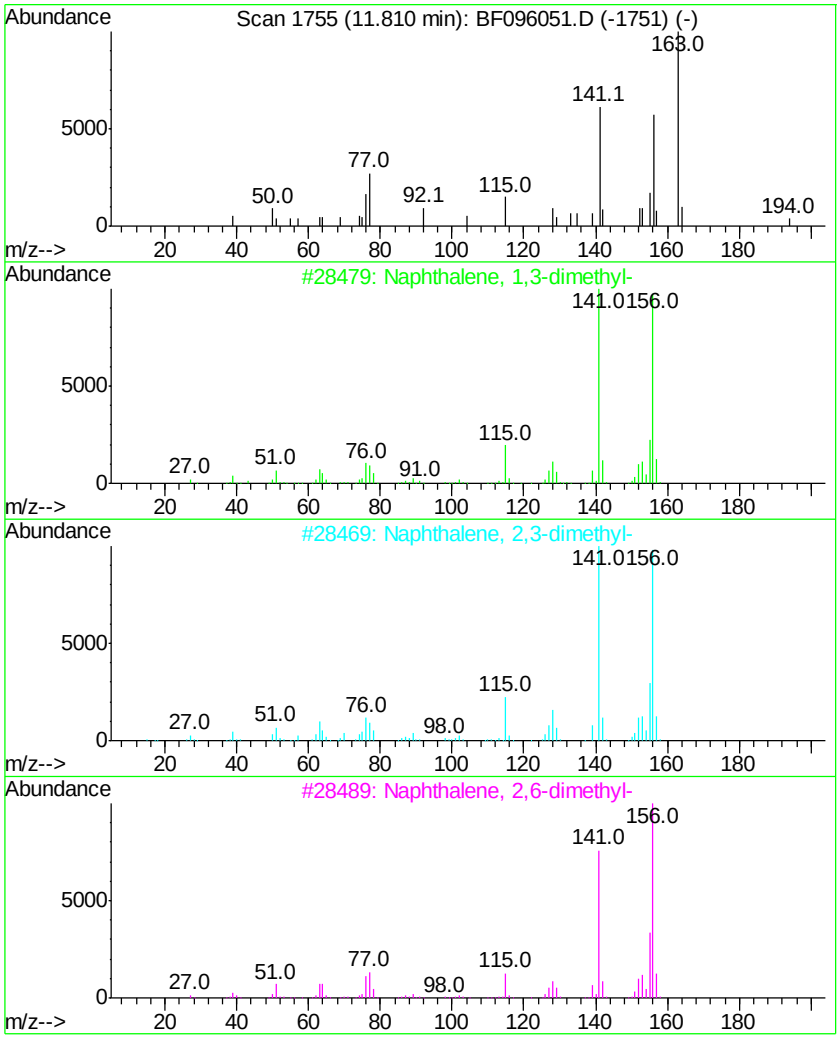
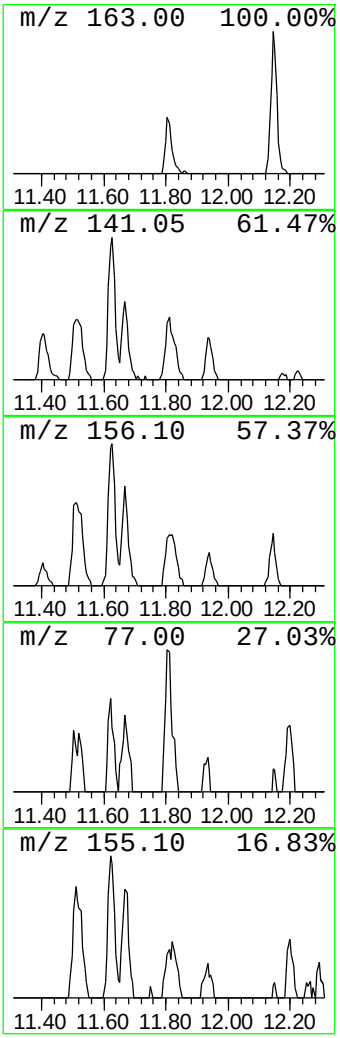
Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	3.11 ng	75306	Acenaphthene-d10	12.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	66
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	52
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096051.D
Acq On : 20 Jun 2017 18:38
Operator : SJ/MA
Sample : I3693-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

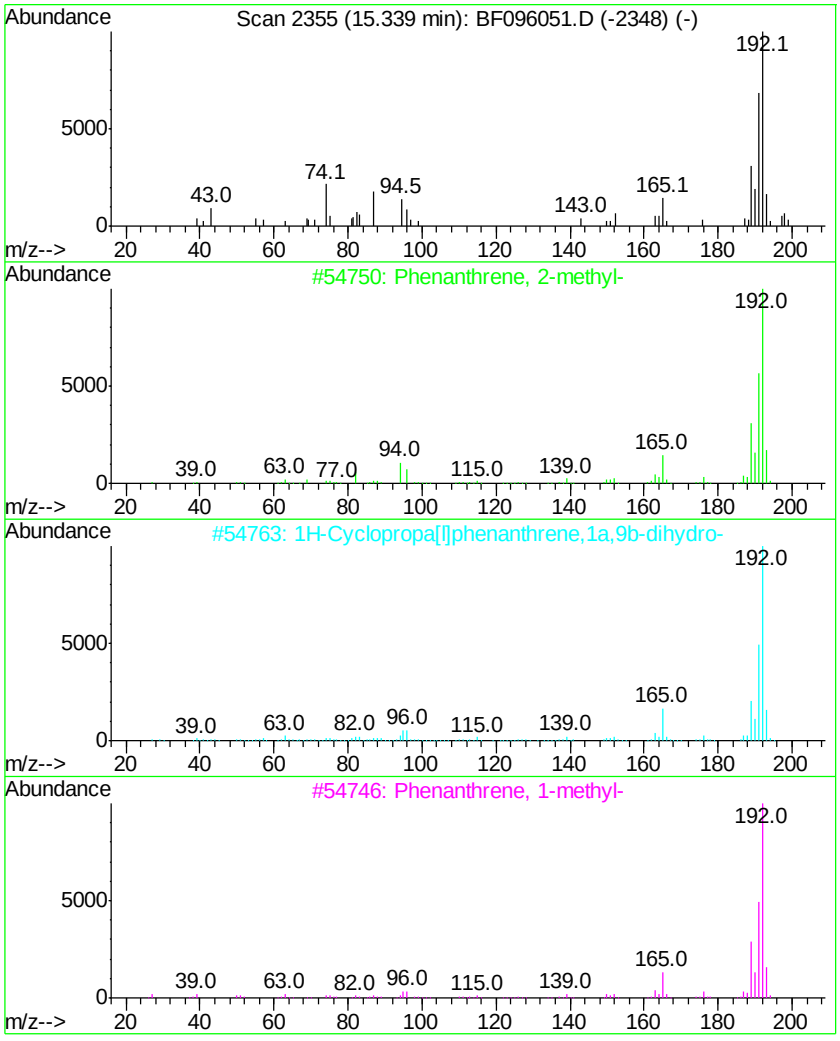
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

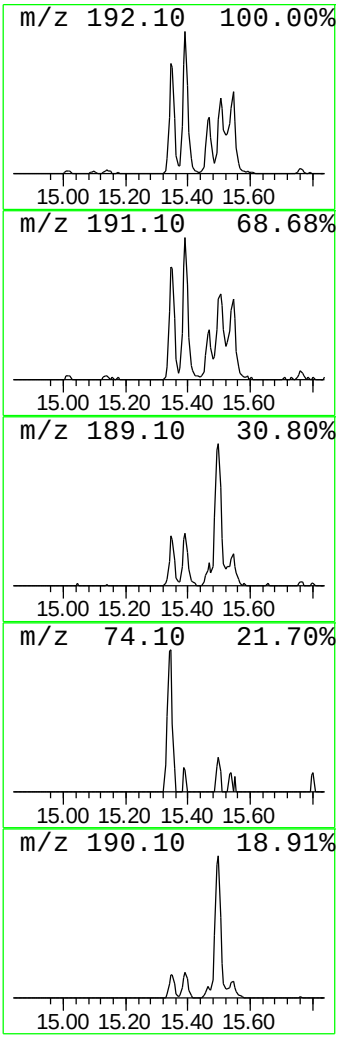
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	5.89 ng	119745	Phenanthrene-d10	14.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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Data File : BF096051.D
Acq On : 20 Jun 2017 18:38
Operator : SJ/MA
Sample : I3693-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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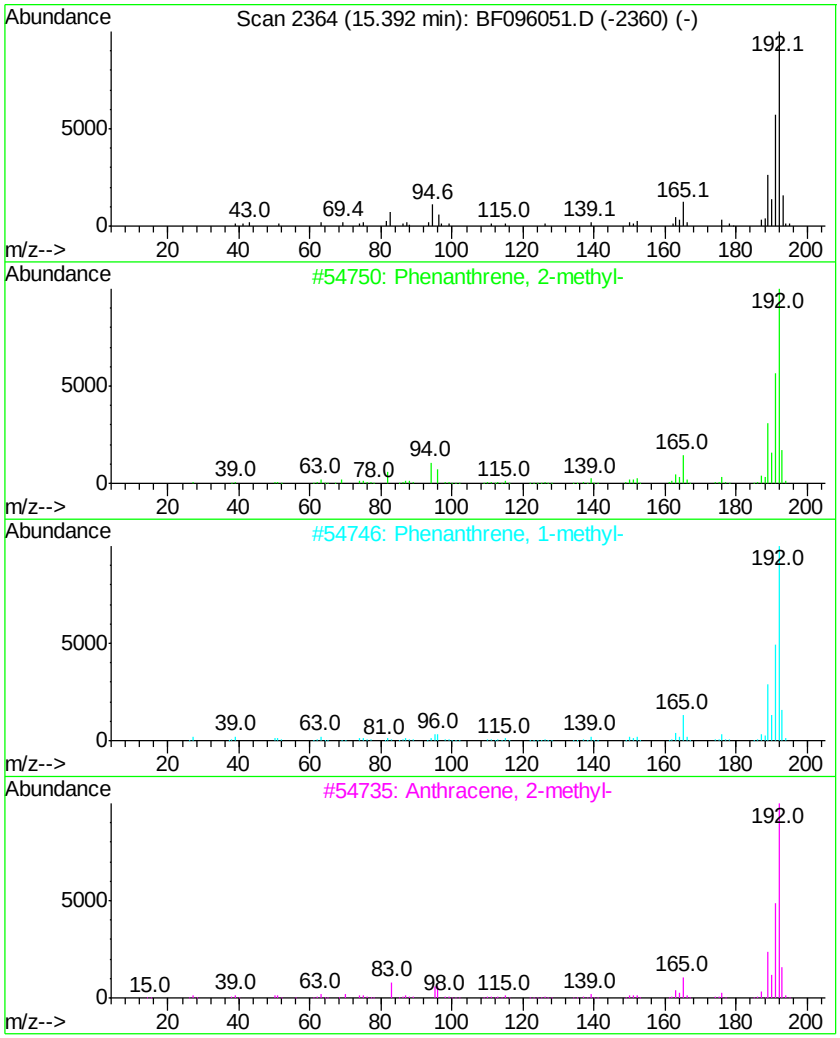
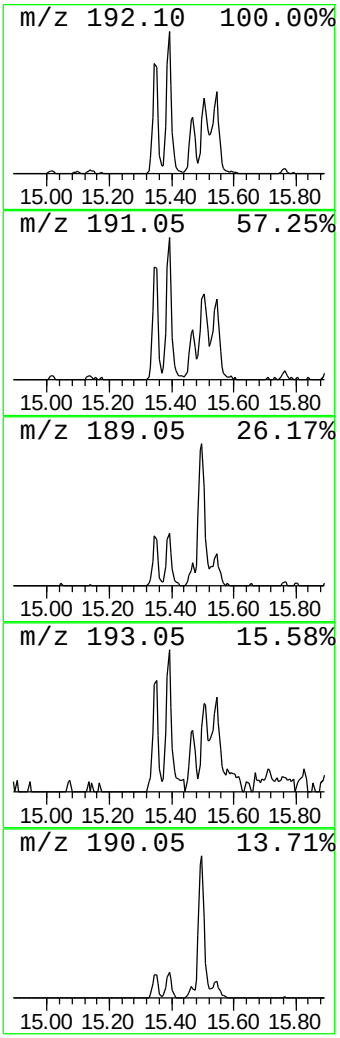
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	5.69 ng	115559	Phenanthrene-d10	14.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Sample : I3693-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId : PL-01-061417-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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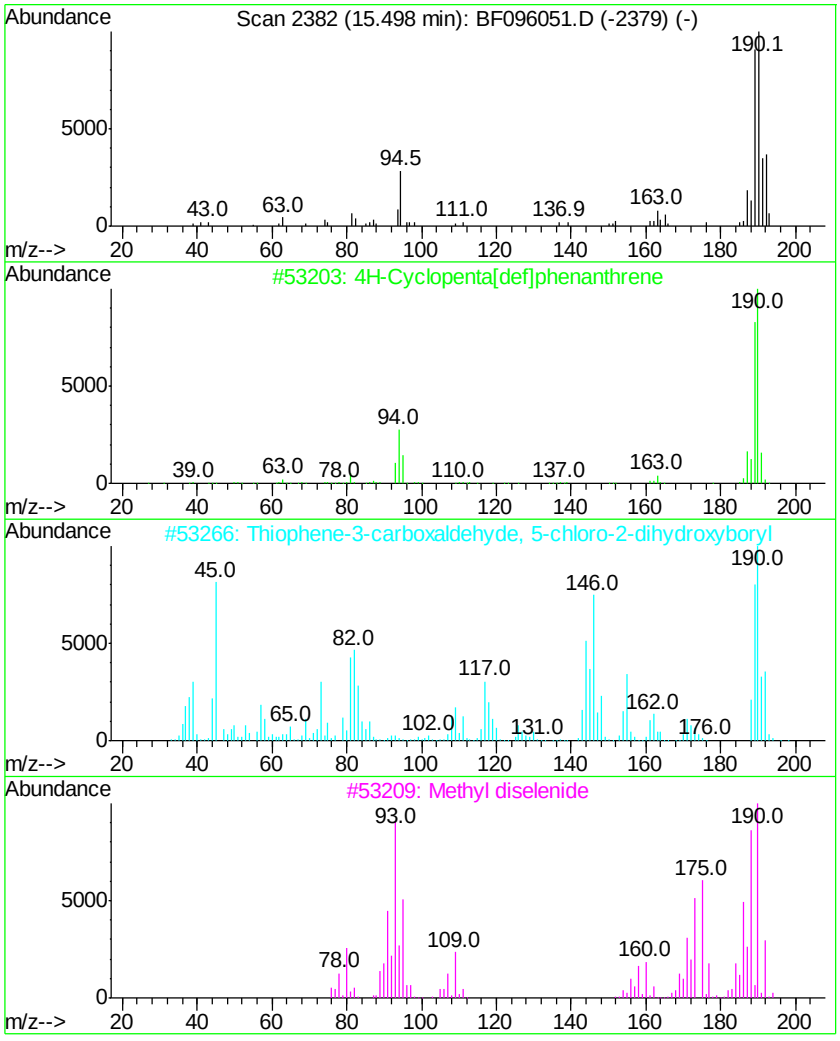
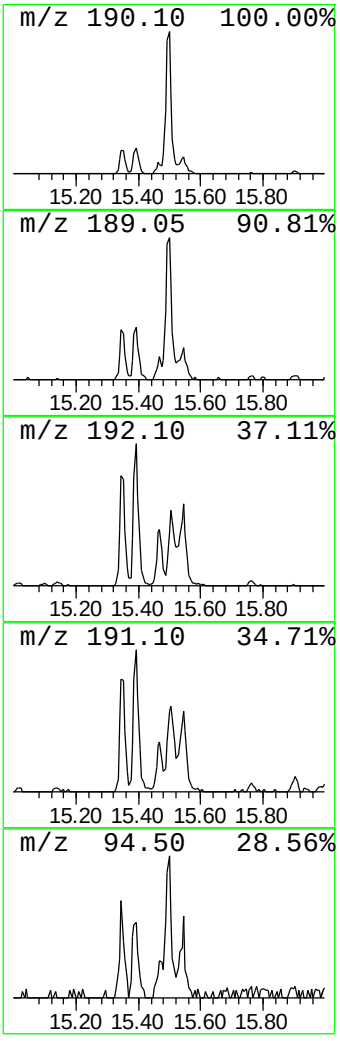
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	7.76 ng	157696	Phenanthrene-d10	14.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	59
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





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Instrument : BNA_F
ClientSampleId : PL-01-061417-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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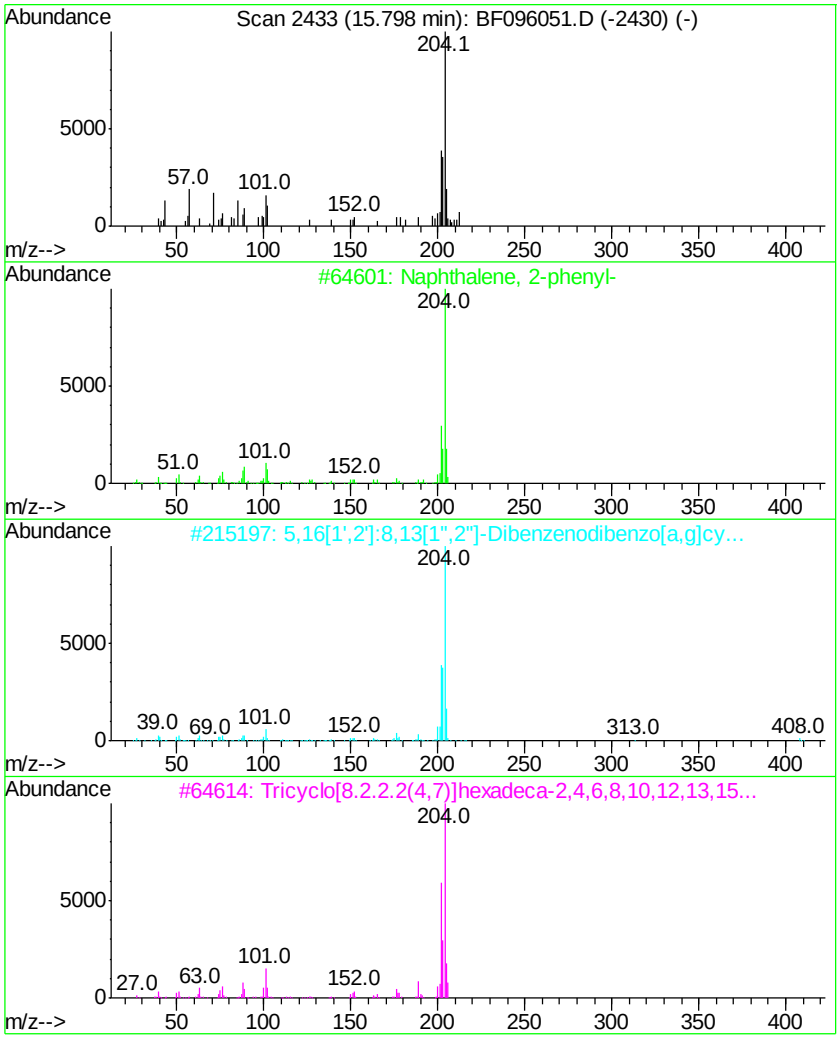
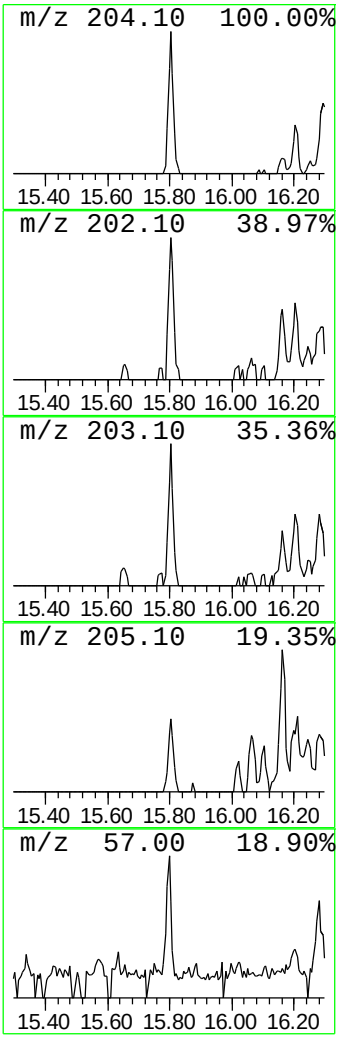
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	3.06 ng	62106	Phenanthrene-d10	14.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	62
5	[1,2,4]Triazolo[5,1-b]quinazolin...	204	C10H12N4O	1000337-56-5	58





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ClientSampleId : PL-01-061417-C

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

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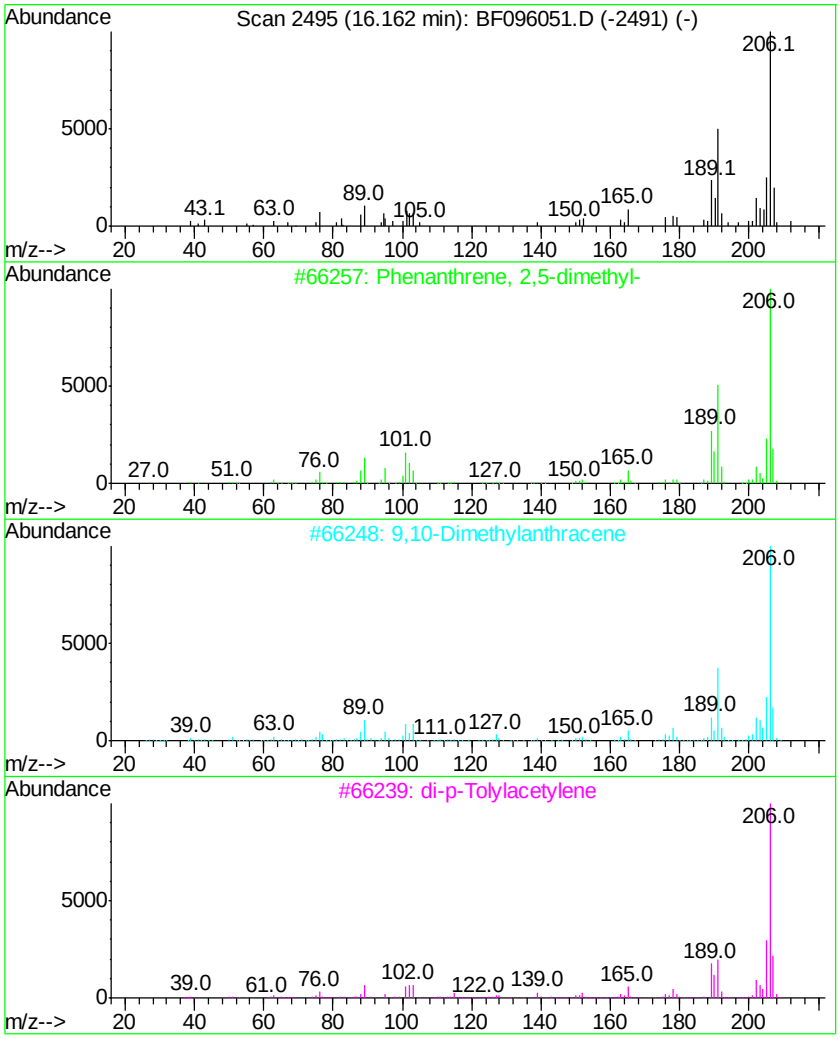
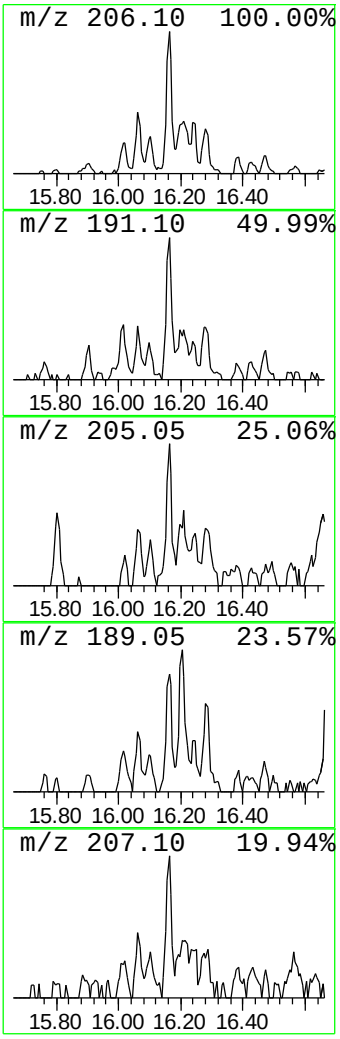
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	4.25 ng	86322	Phenanthrene-d10	14.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





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Operator : SJ/MA
Sample : I3693-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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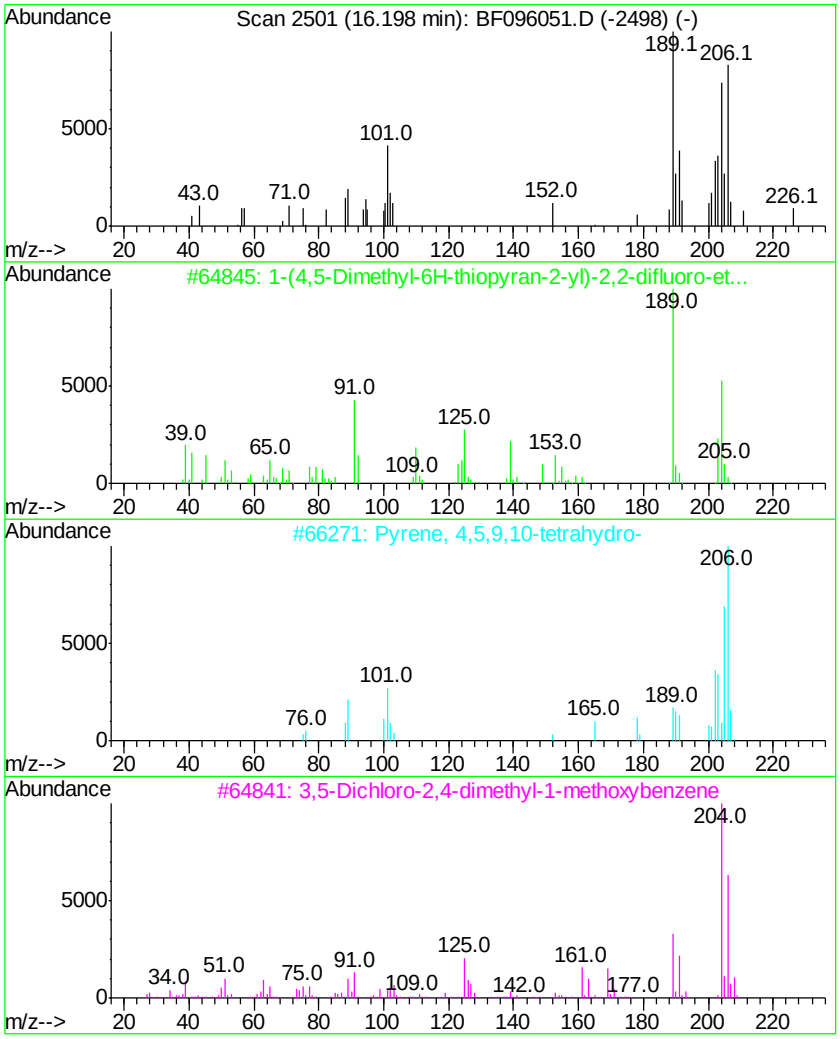
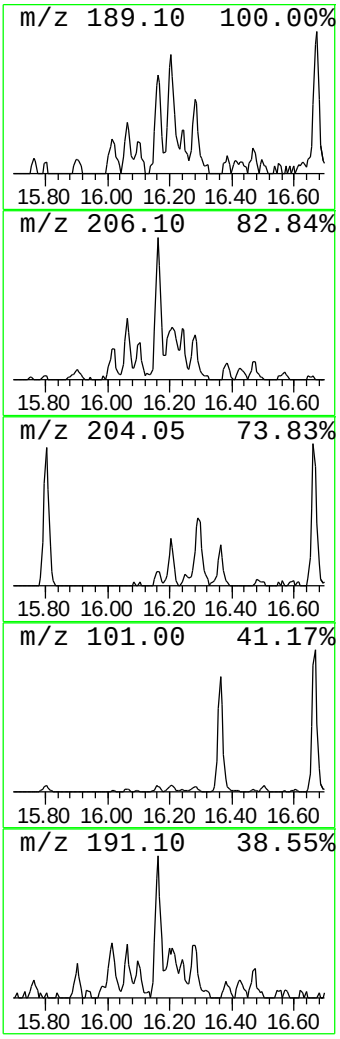
Peak Number 13 unknown16.20 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	3.20 ng	65134	Phenanthrene-d10	14.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	43
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
3	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	38
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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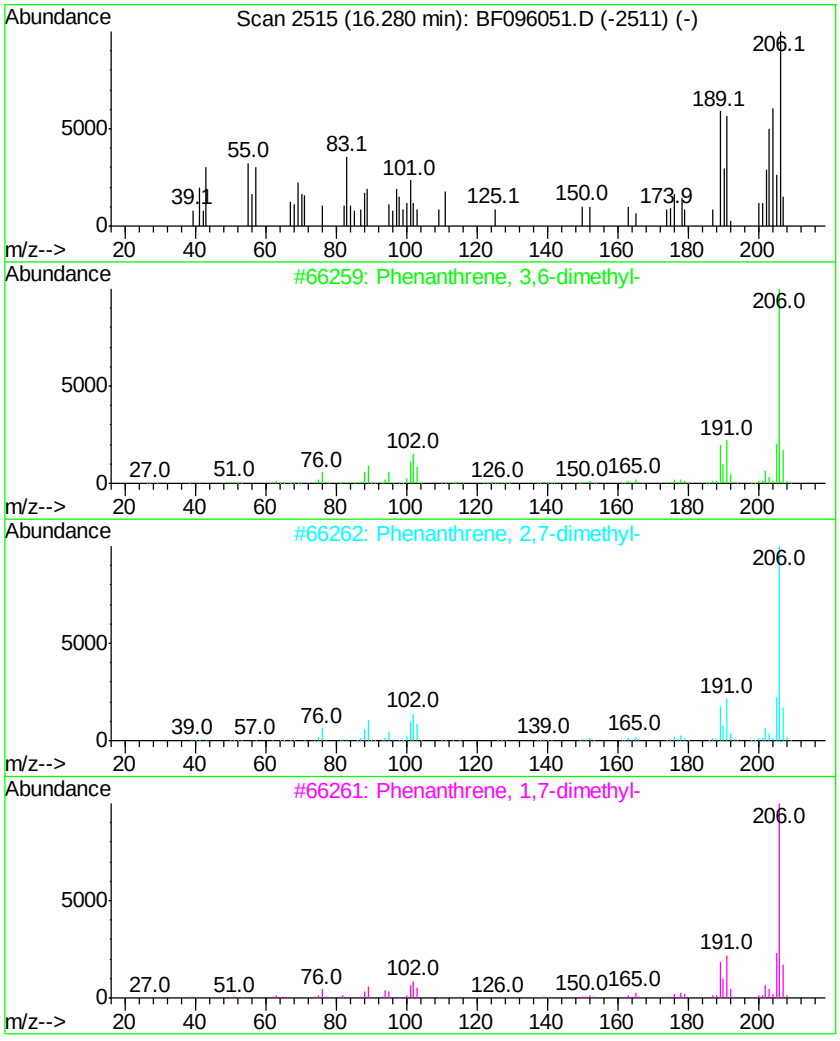
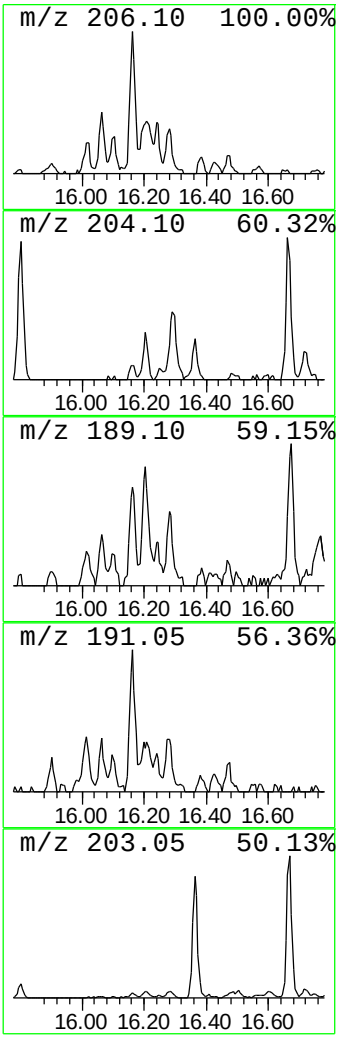
Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	3.68 ng	74800	Phenanthrene-d10	14.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	58
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	55
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	53





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Operator : SJ/MA
Sample : I3693-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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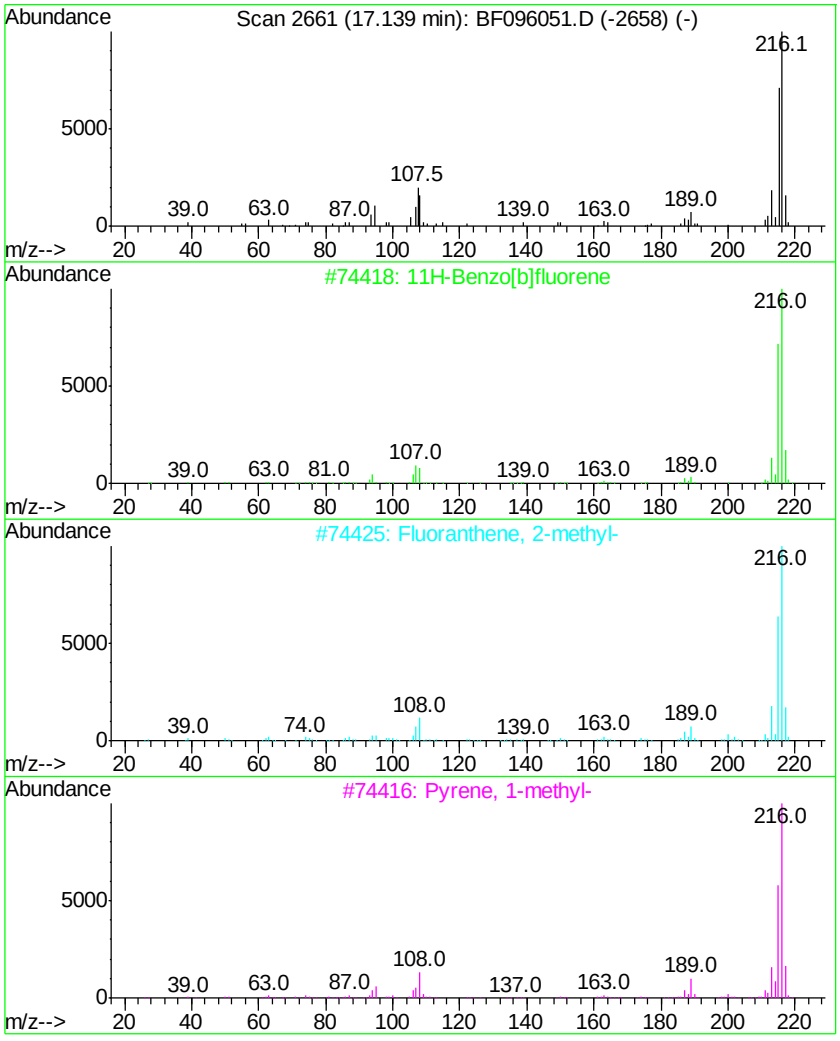
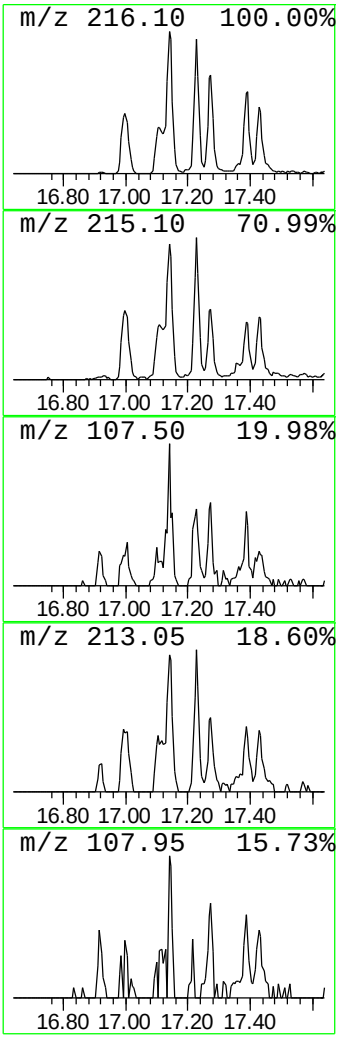
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	3.02 ng	133303	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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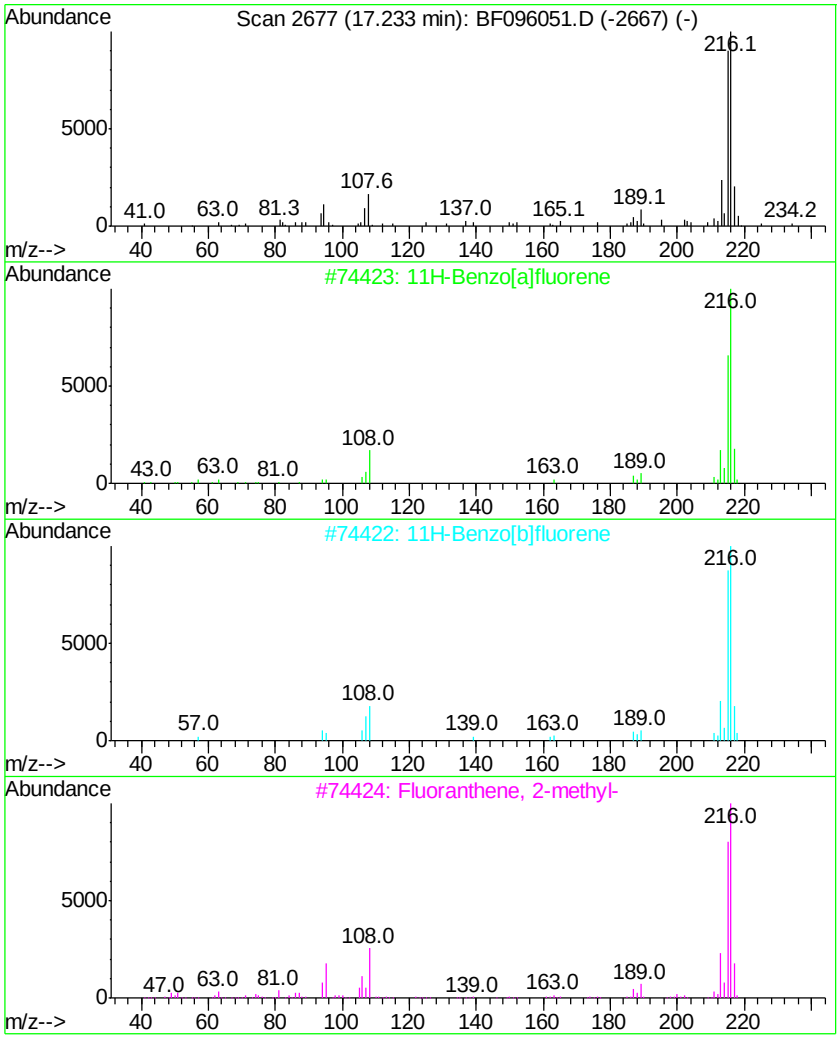
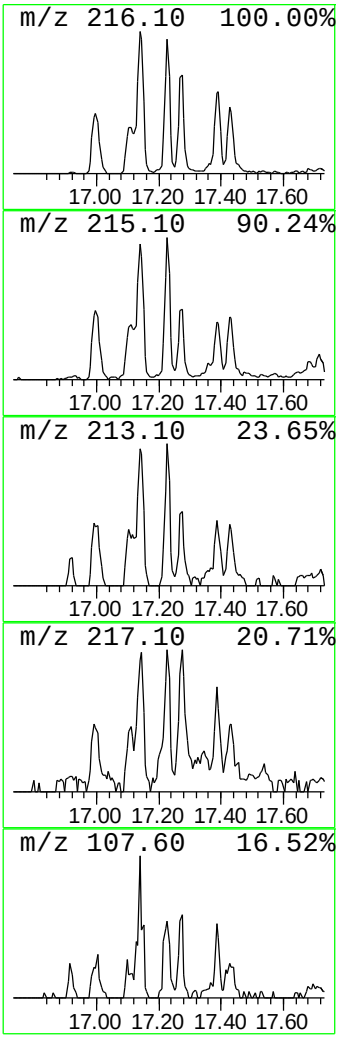
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	3.05 ng	134563	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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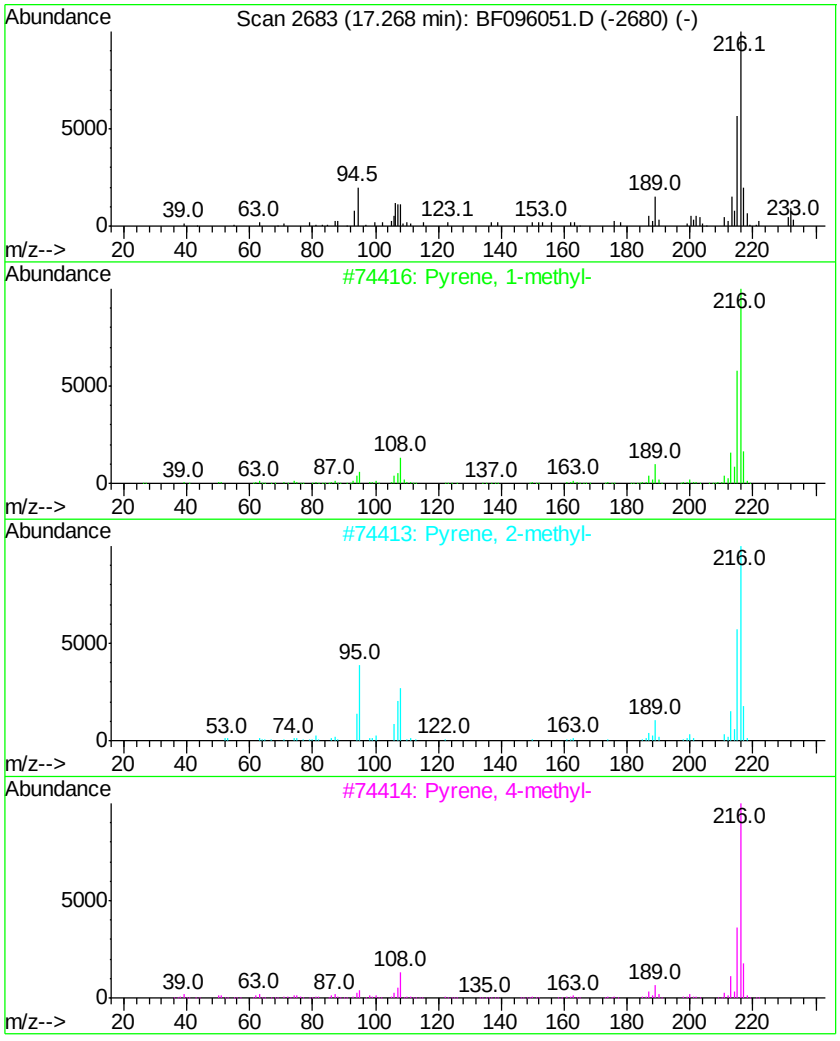
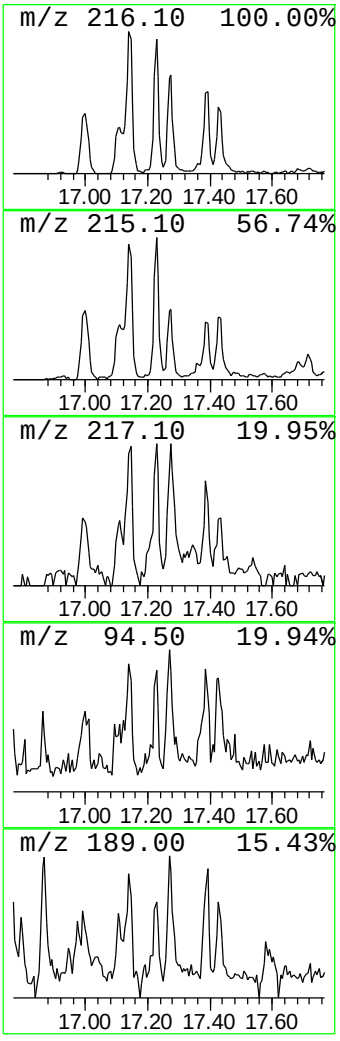
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	3.07 ng	135692	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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Misc :
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Instrument : BNA_F
ClientSampleId : PL-01-061417-C

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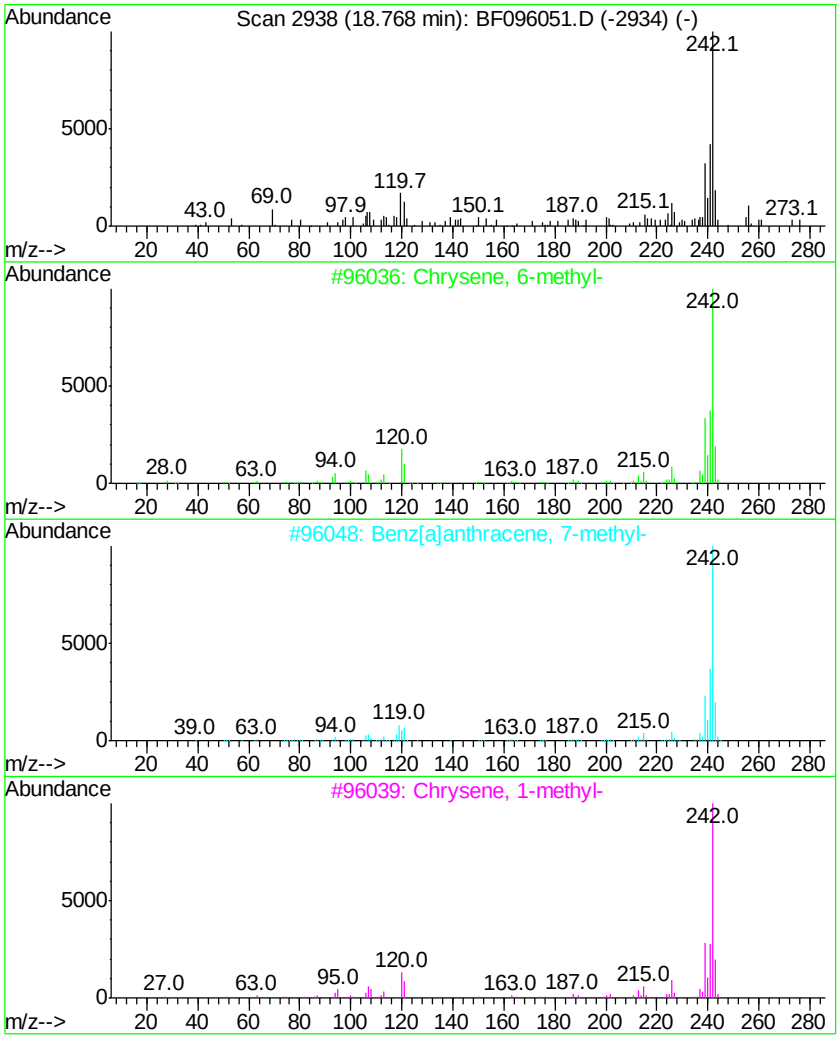
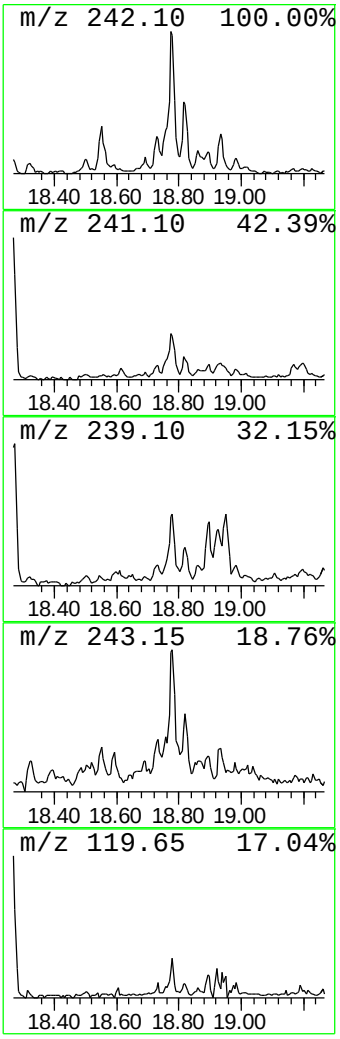
Peak Number 18 Chrysene, 6-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.81 ng	123999	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	001705-85-7	95
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
5	2-Methylchrysene	242	C19H14	003351-32-4	90





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown6.97	6.97	16.2	ng	323477	1	7.29	400131	20.0
Naphthalene, 1,3-...	11.51	2.6	ng	63211	3	12.14	484506	20.0
Naphthalene, 2,3-...	11.63	3.3	ng	80006	3	12.14	484506	20.0
Naphthalene, 2,6-...	11.81	3.1	ng	75306	3	12.14	484506	20.0
Phenanthrene, 2-m...	15.34	5.9	ng	119745	4	14.54	406539	20.0
Phenanthrene, 1-m...	15.39	5.7	ng	115559	4	14.54	406539	20.0
4H-Cyclopenta[def...	15.50	7.8	ng	157696	4	14.54	406539	20.0
Naphthalene, 2-ph...	15.80	3.1	ng	62106	4	14.54	406539	20.0
Phenanthrene, 2,5...	16.16	4.3	ng	86322	4	14.54	406539	20.0
unknown16.20	16.20	3.2	ng	65134	4	14.54	406539	20.0
Phenanthrene, 3,6...	16.28	3.7	ng	74800	4	14.54	406539	20.0
11H-Benzo[b]fluorene	17.14	3.0	ng	133303	5	18.27	883441	20.0
11H-Benzo[a]fluorene	17.23	3.0	ng	134563	5	18.27	883441	20.0
Pyrene, 1-methyl-	17.27	3.1	ng	135692	5	18.27	883441	20.0
Chrysene, 6-methyl-	18.77	2.8	ng	123999	5	18.27	883441	20.0