LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095759.D
Acq On : 7 Jun 2017 22:11
Operator : SJ/MA
Sample : I3479-04 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)20170603

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	5.292	626	630	656	rBV	82812	235303	22.87%	1.768%
2	6.957	910	913	925	rBV	98100	223389	21.71%	1.679%
3	7.045	925	928	947	rVB	181473	339328	32.98%	2.550%
4	7.381	981	985	1002	rBB	315203	412473	40.08%	3.100%
5	7.622	1022	1026	1043	rBV	172778	229416	22.29%	1.724%
6	8.298	1138	1141	1159	rBV	73705	144397	14.03%	1.085%
7	9.416	1326	1331	1345	rBV	441673	557629	54.19%	4.191%
8	11.192	1629	1633	1644	rBV	292924	332758	32.34%	2.501%
9	11.892	1748	1752	1755	rBV	24515	30862	3.00%	0.232%
10	12.239	1806	1811	1816	rBV2	449373	535963	52.08%	4.028%
11	12.292	1816	1820	1828	rVB	141079	175535	17.06%	1.319%
12	12.586	1866	1870	1874	rBV	24477	30772	2.99%	0.231%
13	13.133	1959	1963	1971	rVB	84581	105023	10.21%	0.789%
14	13.239	1975	1981	1984	rBV2	14248	29704	2.89%	0.223%
15	13.268	1984	1986	1991	rVB2	14965	16995	1.65%	0.128%
16	13.410	2005	2010	2014	rBV	13794	15801	1.54%	0.119%
17	13.533	2027	2031	2040	rBV2	98150	142035	13.80%	1.067%
18	13.868	2084	2088	2099	rBB3	8113	12833	1.25%	0.096%
19	14.033	2109	2116	2119	rBV	14807	22572	2.19%	0.170%
20	14.074	2119	2123	2128	rVV4	8667	15716	1.53%	0.118%
21	14.157	2132	2137	2142	rVB2	7221	13265	1.29%	0.100%
22	14.262	2150	2155	2158	rBV4	9707	13707	1.33%	0.103%
23	14.421	2177	2182	2186	rVV4	10078	21477	2.09%	0.161%
24	14.462	2186	2189	2195	rVB	34788	41783	4.06%	0.314%
25	14.633	2213	2218	2221	rBV	353880	438779	42.64%	3.298%
26	14.668	2221	2224	2230	rVB	643099	763772	74.22%	5.740%
27	14.757	2232	2239	2245	rVB	203787	262496	25.51%	1.973%
28	14.845	2250	2254	2260	rBV2	9342	18173	1.77%	0.137%
29	15.009	2277	2282	2287	rBV	7241	15121	1.47%	0.114%
30	15.057	2287	2290	2301	rVB	40631	53158	5.17%	0.399%
31	15.168	2306	2309	2314	rVB4	12038	15935	1.55%	0.120%
32	15.298	2323	2331	2337	rVB6	8448	17136	1.67%	0.129%
33	15.433	2350	2354	2358	rBV	70268	81309	7.90%	0.611%
34	15.480	2358	2362	2366	rVB	81361	93742	9.11%	0.704%

LSC Area Percent Report

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Acq On : 7 Jun 2017 22:11
Operator : SJ/MA
Sample : I3479-04 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)20170603

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	15.551	2371	2374	2376	rVV	46073	51219	4.98%	0.385%
36	15.586	2376	2380	2384	rVV3	122494	173714	16.88%	1.305%
37	15.627	2385	2387	2400	rVB	51296	72191	7.02%	0.543%
38	15.792	2412	2415	2421	rBV2	11183	13462	1.31%	0.101%
39	15.886	2428	2431	2436	rVB	54473	58975	5.73%	0.443%
40	15.945	2436	2441	2446	rVB3	16673	18978	1.84%	0.143%
41	16.092	2463	2466	2471	rBV2	11081	14343	1.39%	0.108%
42	16.145	2471	2475	2480	rBV4	12493	18717	1.82%	0.141%
43	16.245	2488	2492	2496	rBV	38508	49910	4.85%	0.375%
44	16.286	2496	2499	2503	rVV3	26674	38705	3.76%	0.291%
45	16.368	2508	2513	2521	rVB4	30861	45716	4.44%	0.344%
46	16.451	2521	2527	2532	rBV	884833	1002566	97.43%	7.534%
47	16.498	2532	2535	2540	rVB4	13139	18372	1.79%	0.138%
48	16.551	2540	2544	2548	rBV2	24922	31884	3.10%	0.240%
49	16.645	2556	2560	2566	rBV2	24875	44504	4.32%	0.334%
50	16.751	2572	2578	2583	rBV	914794	1029041	100.00%	7.733%
51	16.798	2583	2586	2589	rVB	27280	26642	2.59%	0.200%
52	16.839	2589	2593	2596	rBV2	26204	35343	3.43%	0.266%
53	16.880	2596	2600	2605	rVB4	12308	18566	1.80%	0.140%
54	16.945	2607	2611	2615	rBV	44518	52378	5.09%	0.394%
55	16.998	2615	2620	2626	rVB2	221375	271881	26.42%	2.043%
56	17.051	2626	2629	2630	rBV	17105	15897	1.54%	0.119%
57	17.080	2630	2634	2637	rVB2	36304	49408	4.80%	0.371%
58	17.127	2637	2642	2646	rVB2	20344	25037	2.43%	0.188%
59	17.186	2646	2652	2654	rBV4	38822	63315	6.15%	0.476%
60	17.221	2654	2658	2662	rVB	124665	153991	14.96%	1.157%
61	17.268	2662	2666	2668	rBV4	11689	14409	1.40%	0.108%
62	17.303	2668	2672	2676	rVB	130544	138991	13.51%	1.045%
63	17.350	2676	2680	2687	rBV3	79355	141573	13.76%	1.064%
64	17.468	2696	2700	2703	rVB	38463	41487	4.03%	0.312%
65	17.509	2703	2707	2709	rVV	31622	36548	3.55%	0.275%
66	17.562	2713	2716	2719	rVB5	9906	12721	1.24%	0.096%
67	17.774	2748	2752	2759	rVB5	18810	47444	4.61%	0.357%
68	17.862	2764	2767	2772	rVV4	26650	44884	4.36%	0.337%
69	17.909	2772	2775	2778	rVV	25220	33036	3.21%	0.248%
70	18.021	2791	2794	2796	rBV	54769	59796	5.81%	0.449%
71	18.050	2796	2799	2802	rVV2	67804	71889	6.99%	0.540%

LSC Area Percent Report

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Sample : I3479-04 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)20170603

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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72	18.086	2802	2805	2808	rVV	45511	48493	4.71%	0.364%
73	18.121	2808	2811	2816	rVB2	47533	56705	5.51%	0.426%
74	18.180	2816	2821	2826	rBV	25173	32627	3.17%	0.245%
75	18.245	2829	2832	2836	rBV	25349	32829	3.19%	0.247%
76	18.345	2843	2849	2852	rBV2	572115	904089	87.86%	6.794%
77	18.380	2852	2855	2865	rVB	416460	475590	46.22%	3.574%
78	18.474	2867	2871	2874	rVB	101633	102703	9.98%	0.772%
79	18.556	2881	2885	2887	rBV4	17342	23158	2.25%	0.174%
80	18.621	2893	2896	2900	rVB	52406	59527	5.78%	0.447%
81	18.668	2900	2904	2909	rVB	50402	62390	6.06%	0.469%
82	18.750	2916	2918	2924	rVB6	10643	16680	1.62%	0.125%
83	18.803	2924	2927	2930	rBV3	21080	27611	2.68%	0.208%
84	18.850	2930	2935	2939	rBV2	68054	100225	9.74%	0.753%
85	18.892	2939	2942	2946	rVB3	36735	39147	3.80%	0.294%
86	18.939	2946	2950	2951	rBV4	12726	14018	1.36%	0.105%
87	18.968	2951	2955	2958	rVB2	42369	47402	4.61%	0.356%
88	19.003	2958	2961	2962	rBV	23313	28621	2.78%	0.215%
89	19.274	3005	3007	3013	rVB6	22979	35529	3.45%	0.267%
90	19.450	3035	3037	3041	rVB	24416	26461	2.57%	0.199%
91	19.615	3061	3065	3067	rBV	274886	376036	36.54%	2.826%
92	19.639	3067	3069	3076	rVB	130888	155591	15.12%	1.169%
93	19.721	3081	3083	3087	rVB	59665	59514	5.78%	0.447%
94	19.774	3087	3092	3093	rBV4	18712	25120	2.44%	0.189%
95	19.903	3110	3114	3117	rBV	154782	171583	16.67%	1.289%
96	19.962	3120	3124	3128	rVB	258585	266750	25.92%	2.005%
97	20.015	3129	3133	3136	rVV	282250	302780	29.42%	2.275%
98	20.044	3136	3138	3143	rVB	52111	56430	5.48%	0.424%
99	21.197	3329	3334	3341	rVB	87603	144875	14.08%	1.089%
100	21.527	3386	3390	3397	rBV	68036	117991	11.47%	0.887%

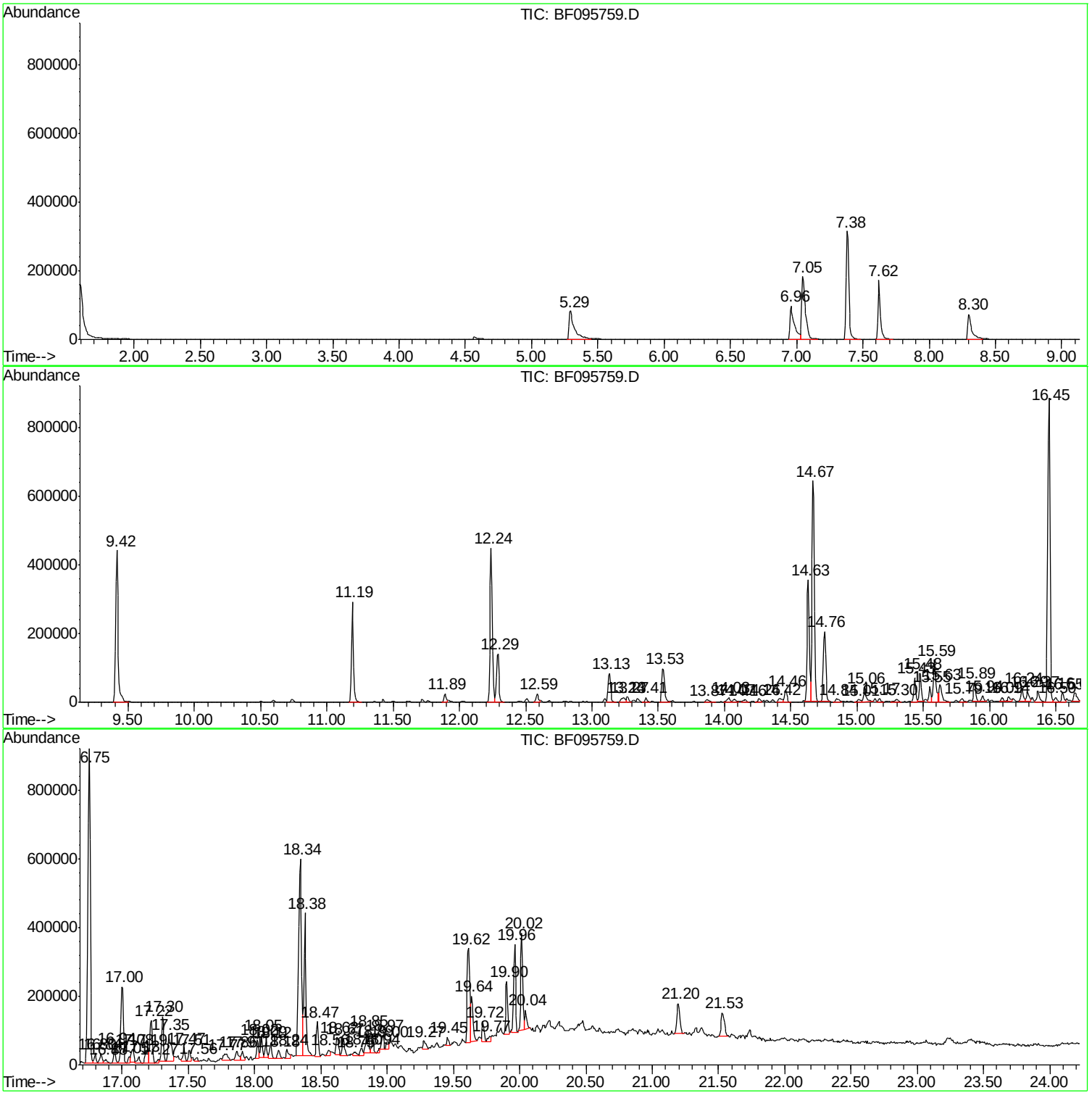
Sum of corrected areas: 13306365

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095759.D
Acq On : 7 Jun 2017 22:11
Operator : SJ/MA
Sample : I3479-04 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)20170603

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
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Sample : I3479-04 5X
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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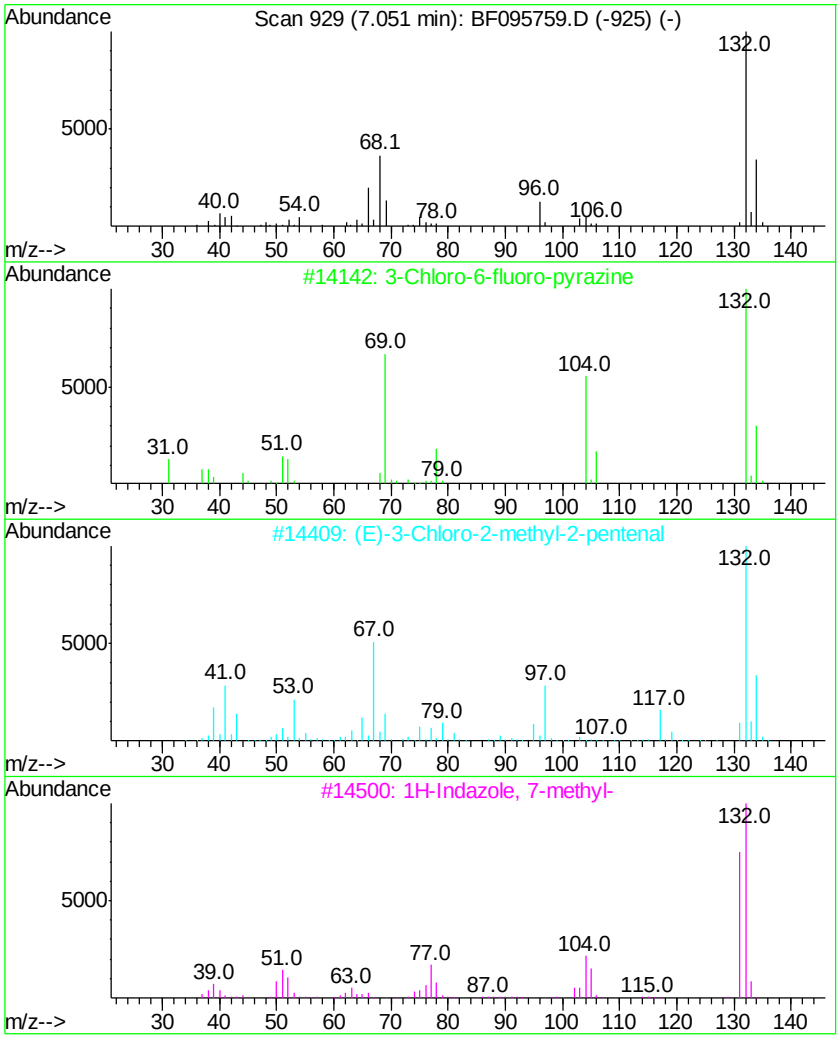
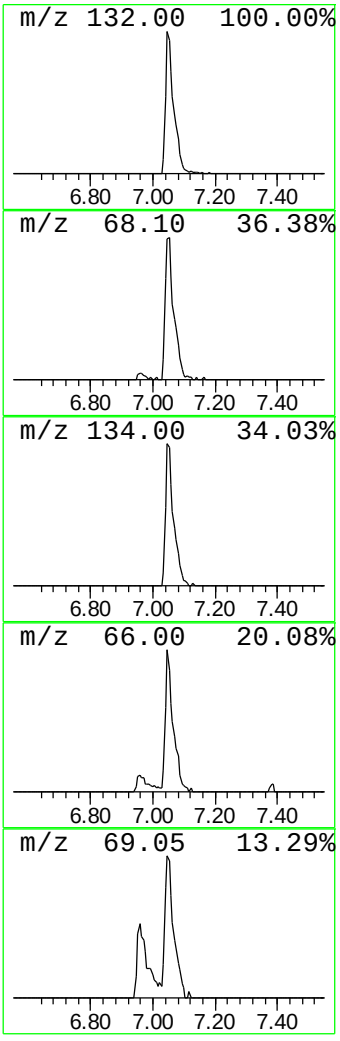
****

Peak Number 1 unknown7.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	16.45 ng	339328	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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TIC Library : C:\DATABASE\NIST11.L
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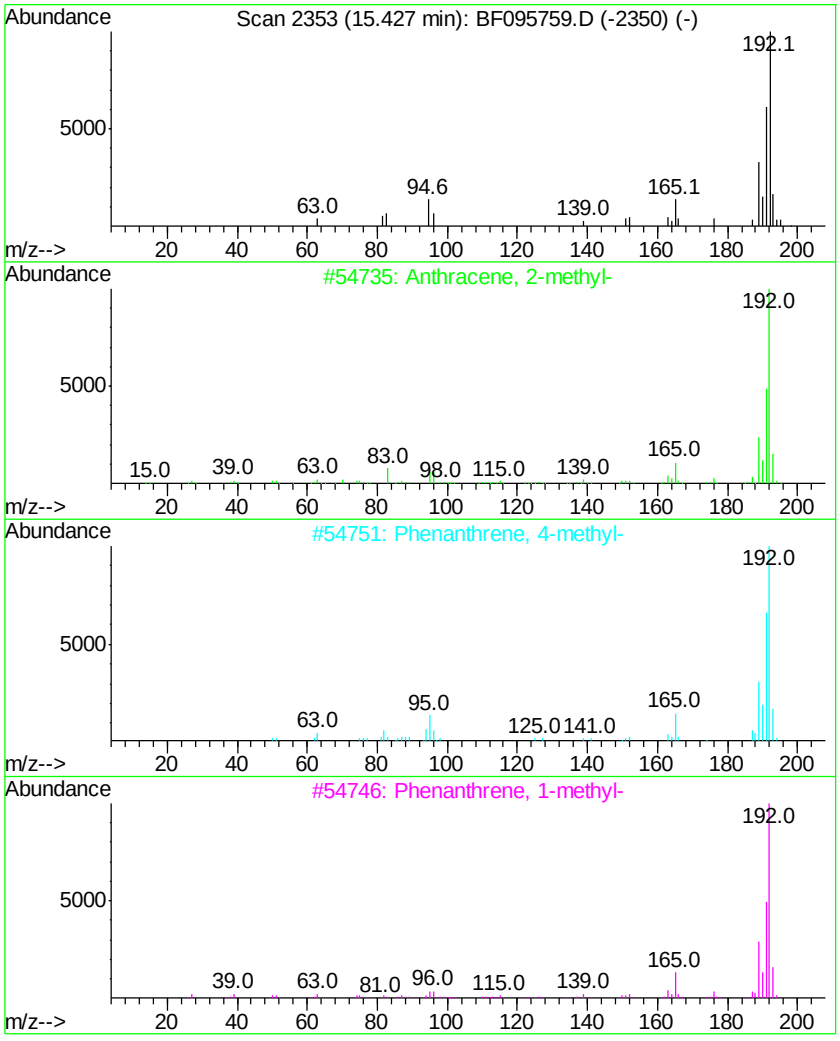
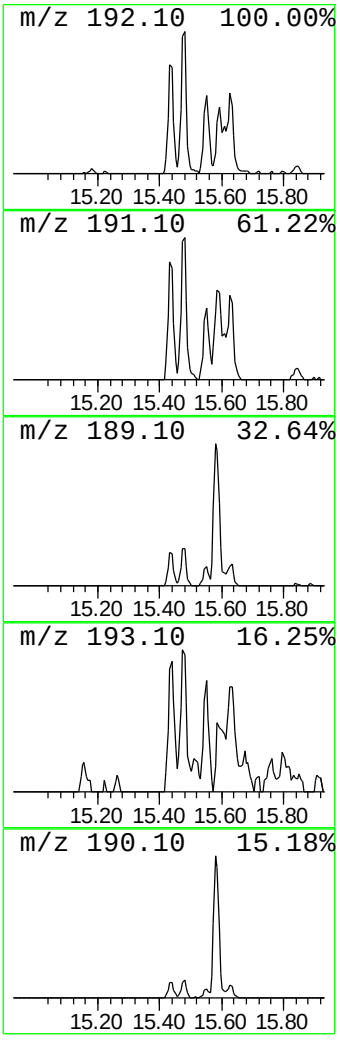
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	3.71 ng	81309	Phenanthrene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-7(0-2)20170603

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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TIC Library : C:\DATABASE\NIST11.L
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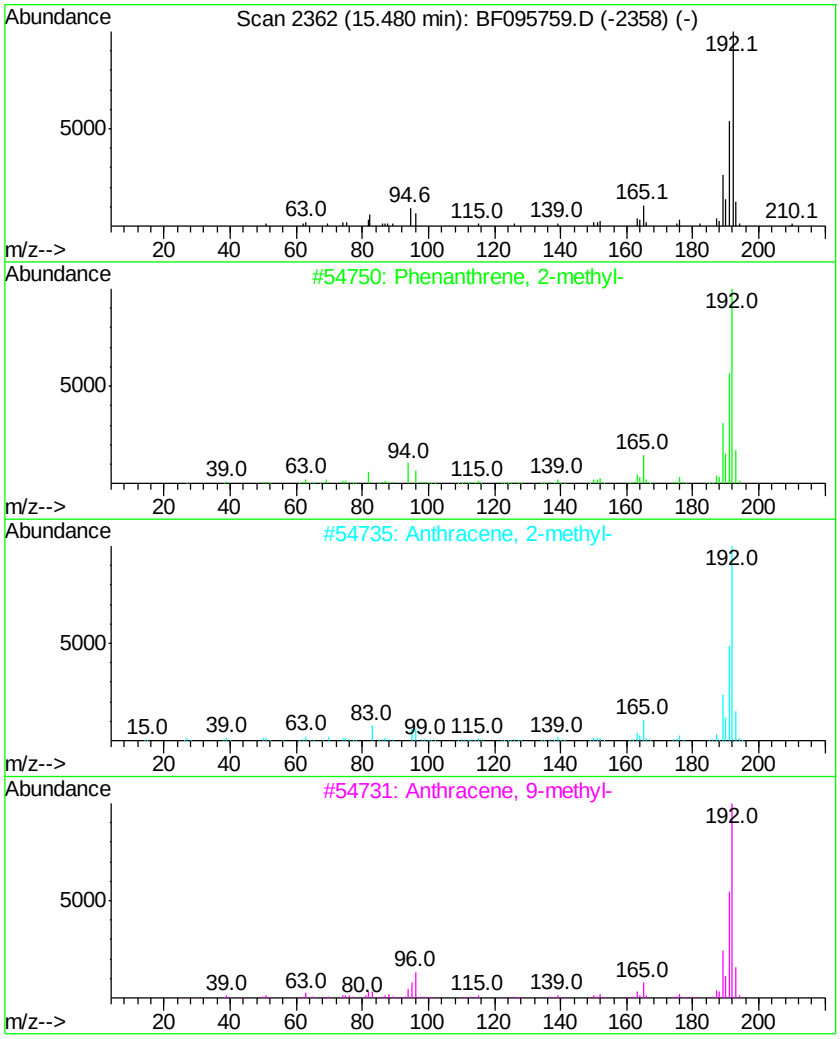
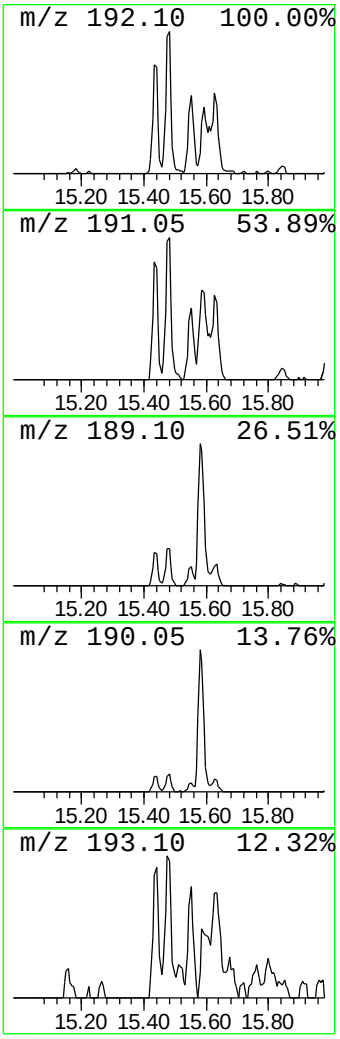
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	4.27 ng	93742	Phenanthrene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
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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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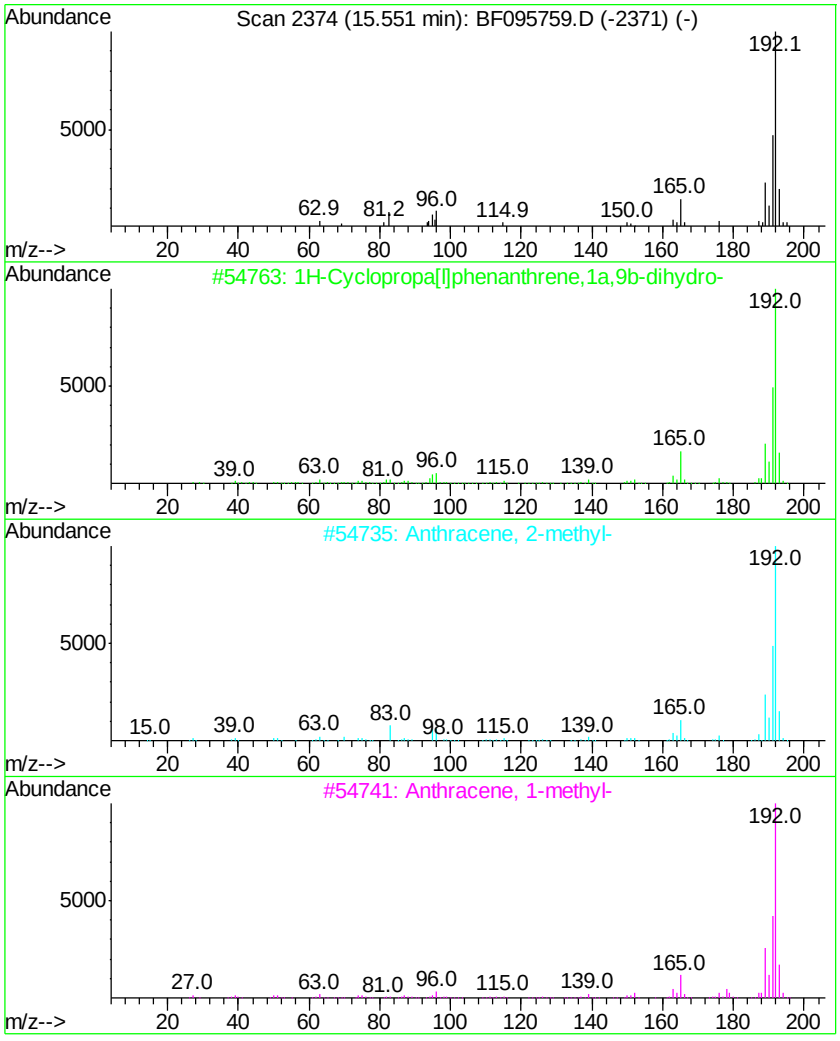
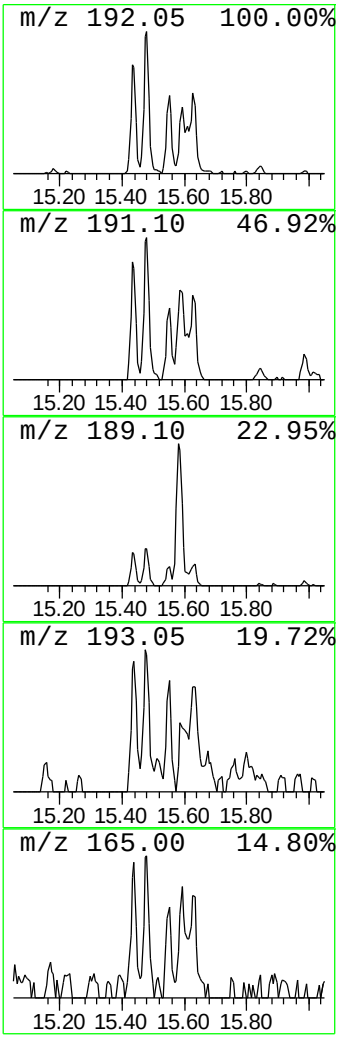
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	2.33 ng	51219	Phenanthrene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Sample : I3479-04 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)20170603

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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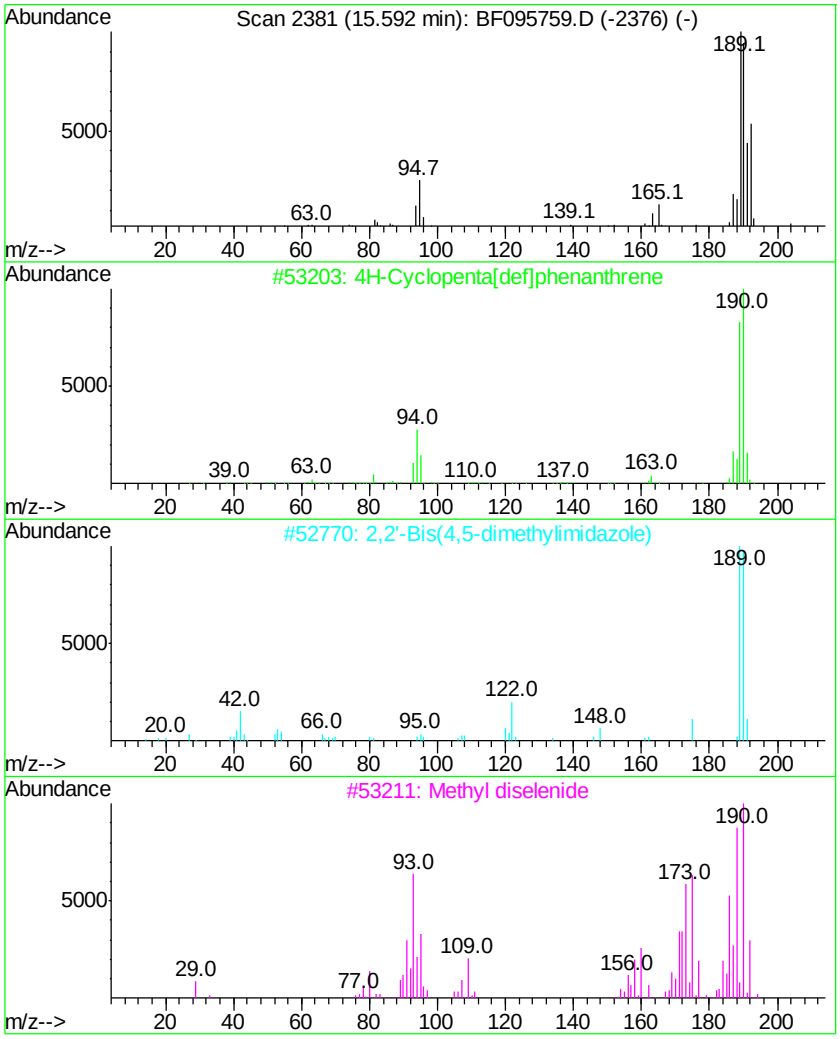
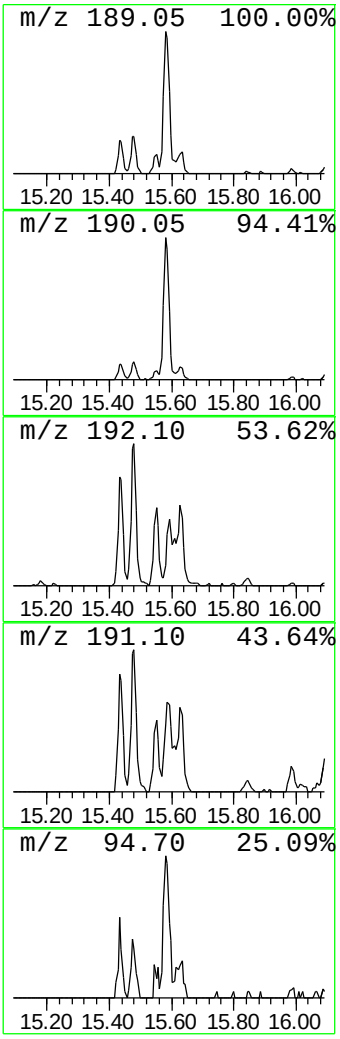
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	7.92 ng	173714	Phenanthrene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	18
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





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Sample : I3479-04 5X
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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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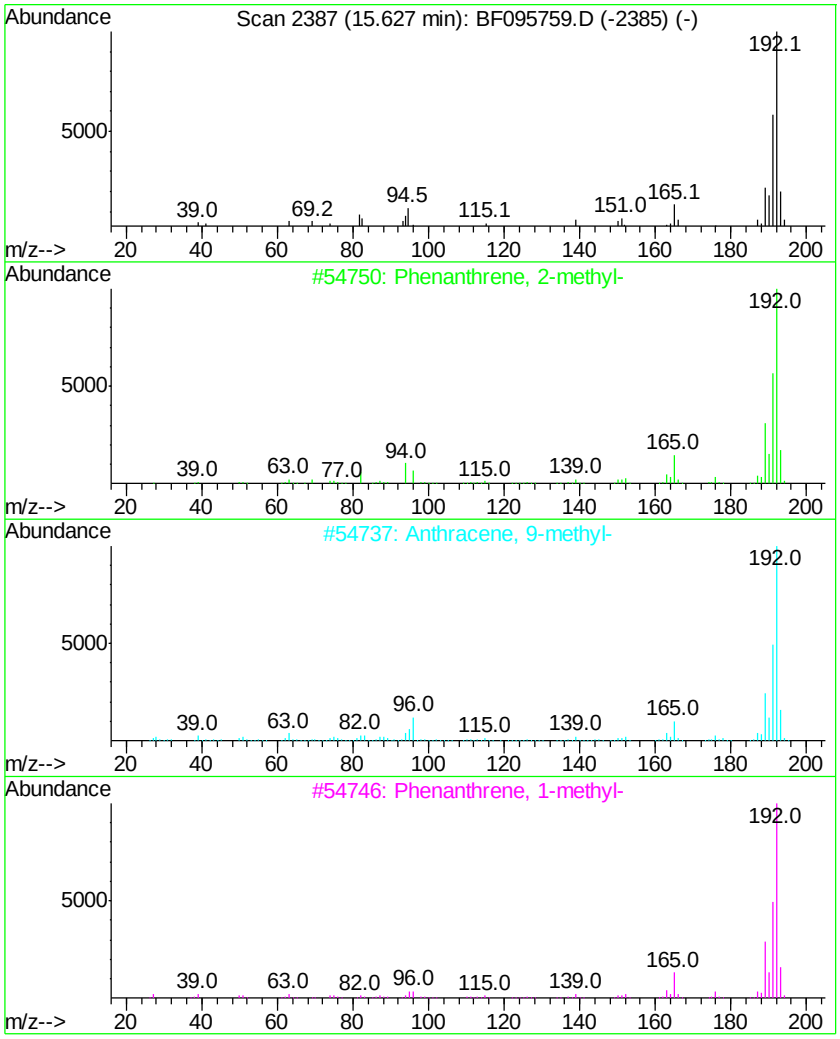
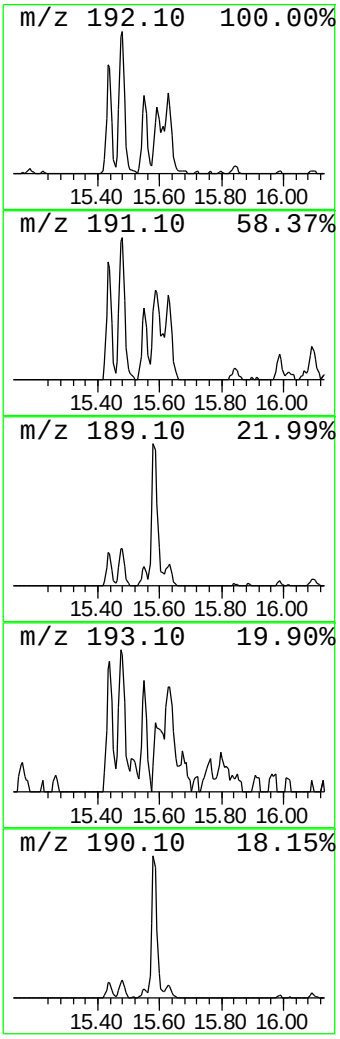
Peak Number 7 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	3.29 ng	72191	Phenanthrene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81





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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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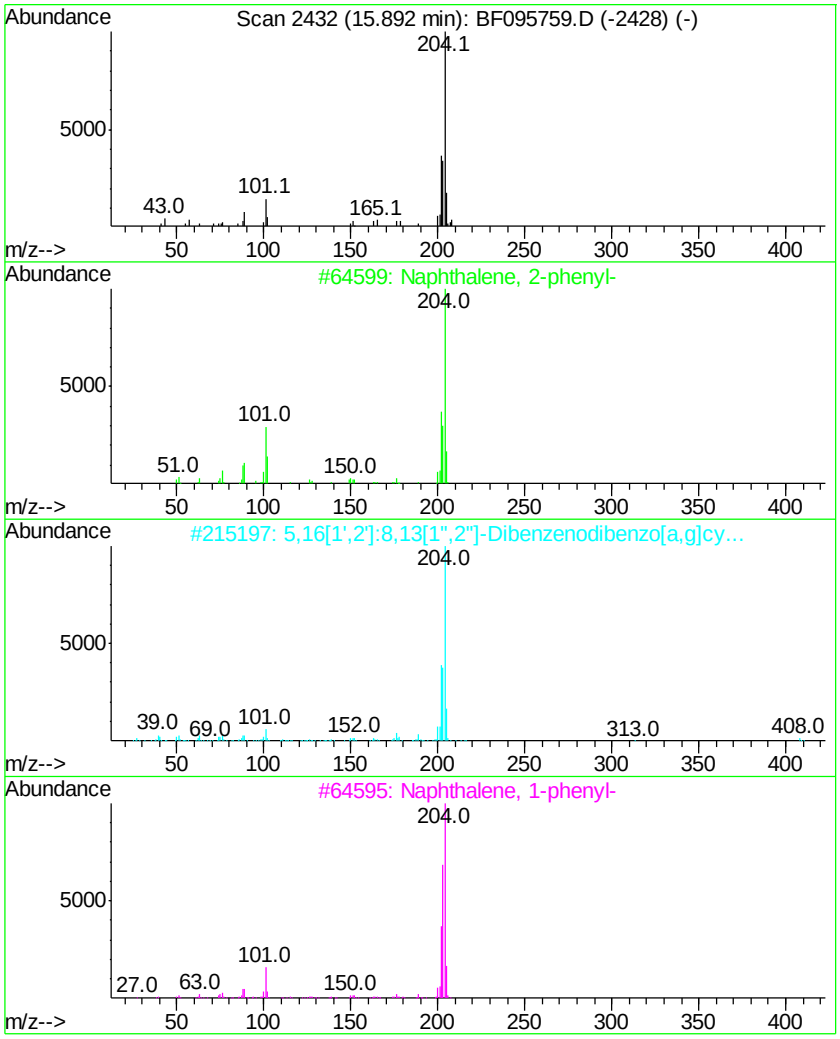
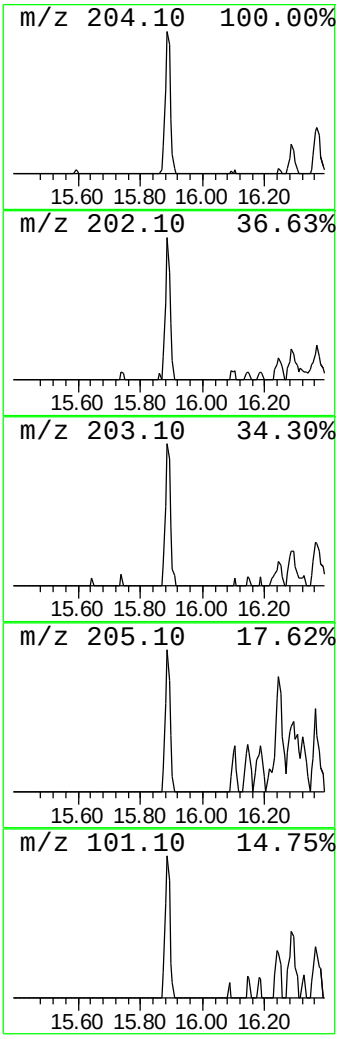
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.69 ng	58975	Phenanthrene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	[1,2,4]Triazolo[5,1-b]quinazolin...	204	C10H12N4O	1000337-56-5	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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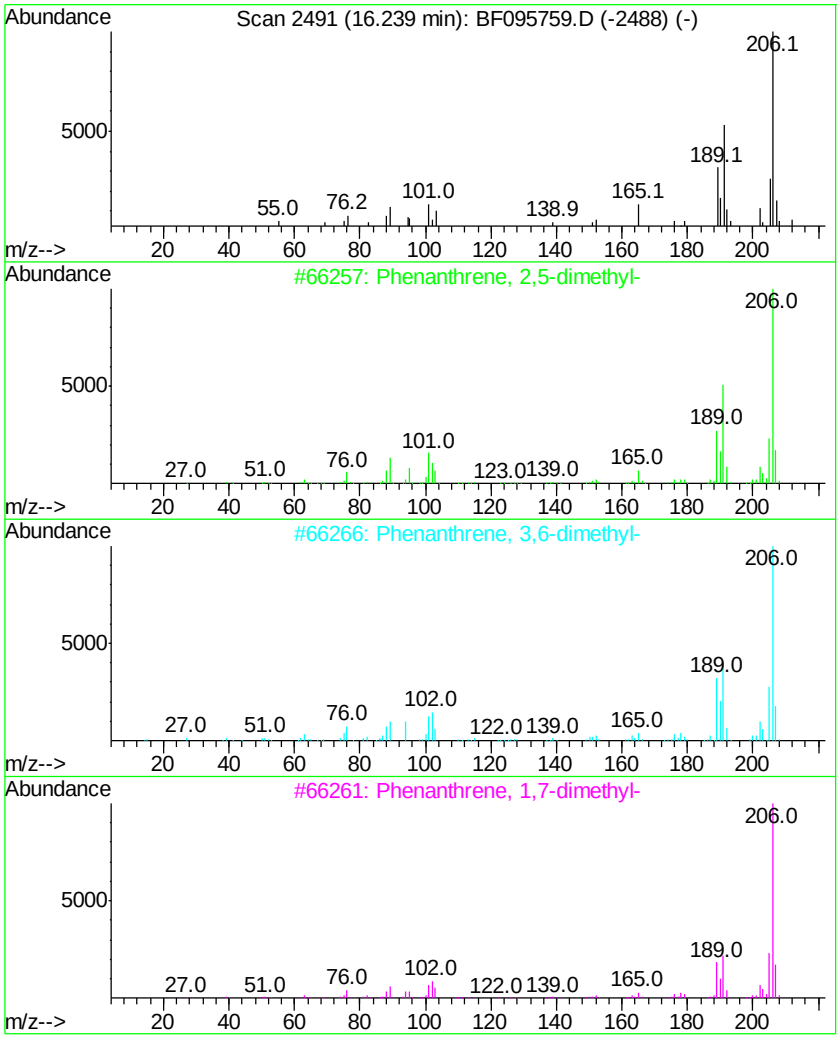
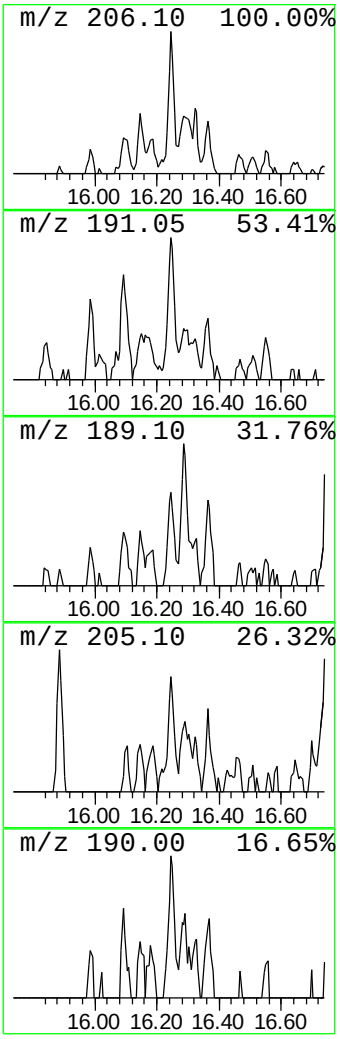
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	2.27 ng	49910	Phenanthrene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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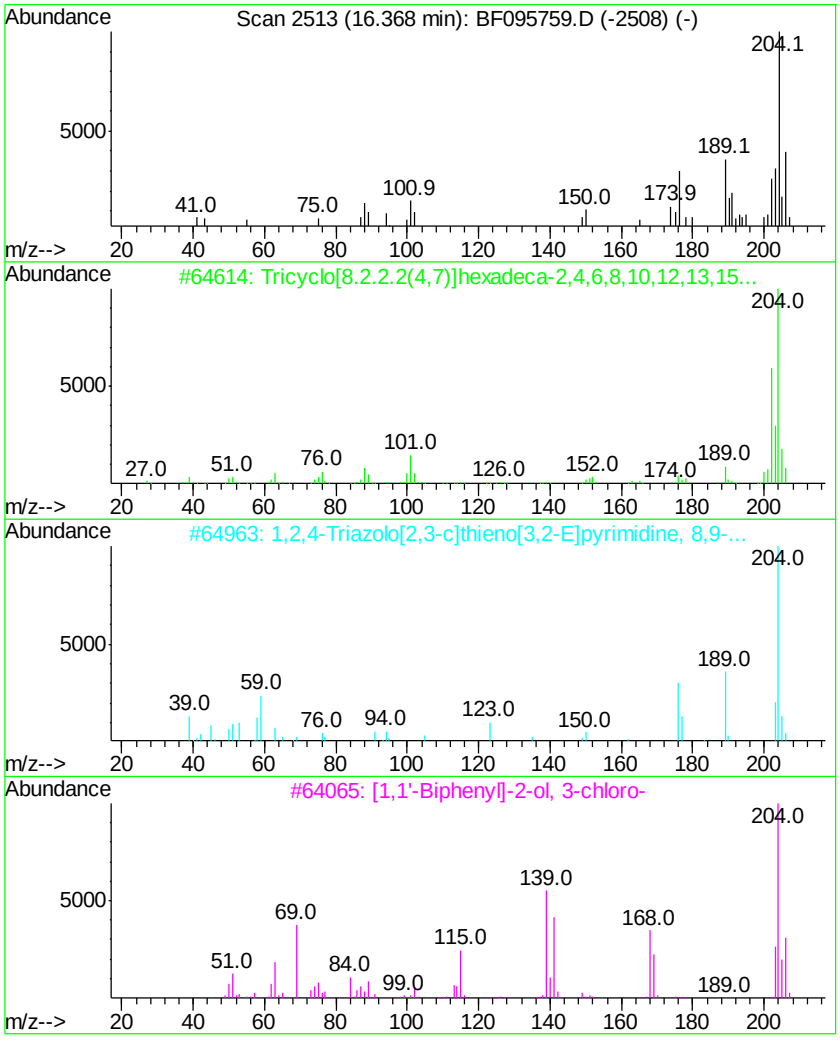
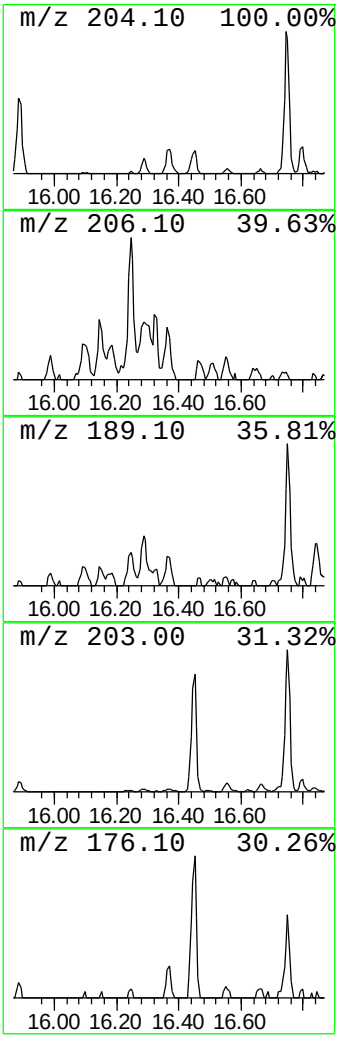
Peak Number 10 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	2.08 ng	45716	Phenanthrene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55
2	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	52
3	[1,1'-Biphenyl]-2-ol, 3-chloro-	204	C12H9ClO	000085-97-2	52
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49





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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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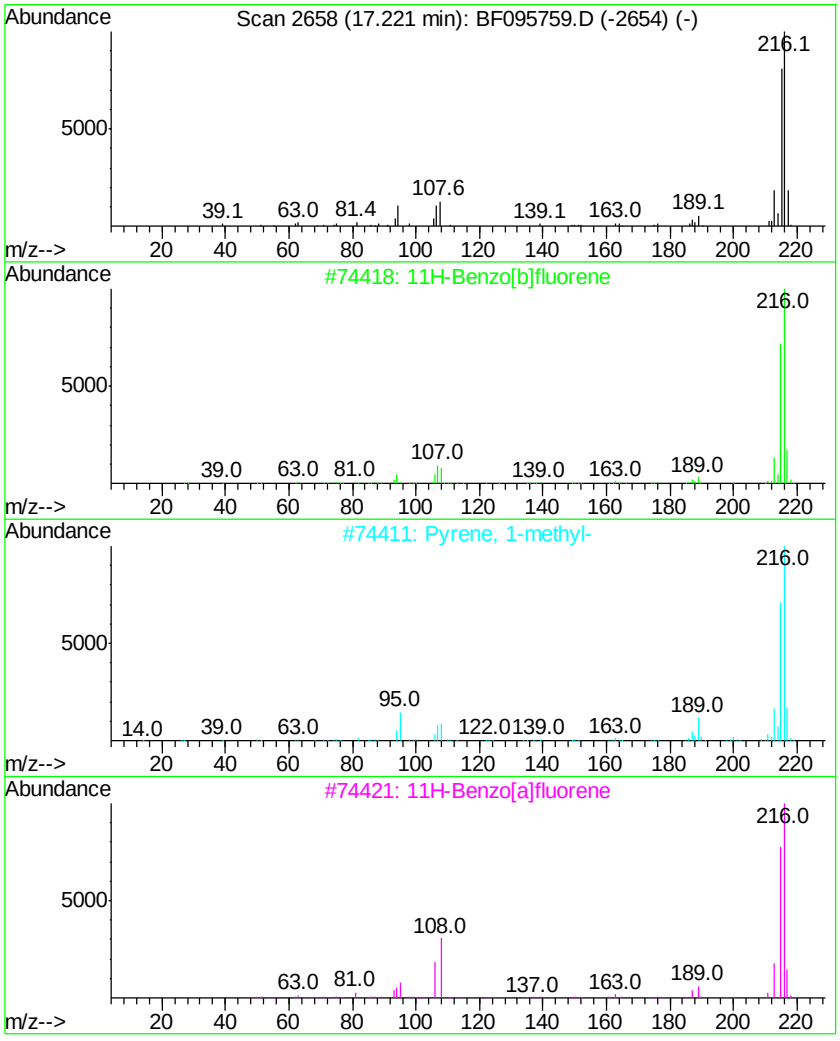
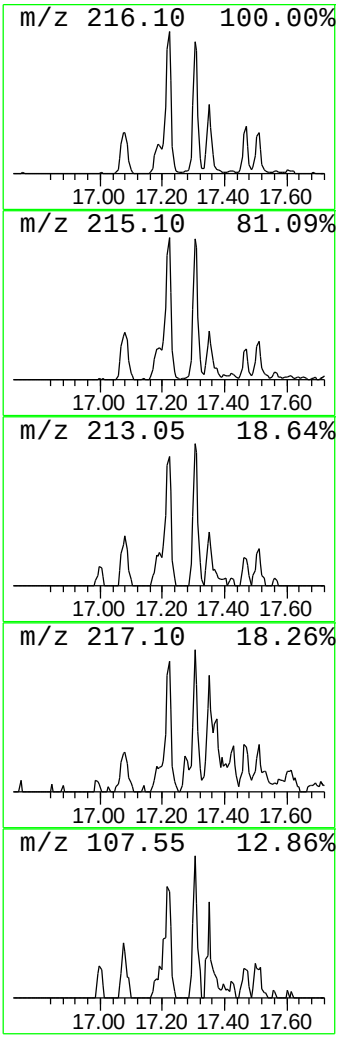
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	3.41 ng	153991	Chrysene-d12	18.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





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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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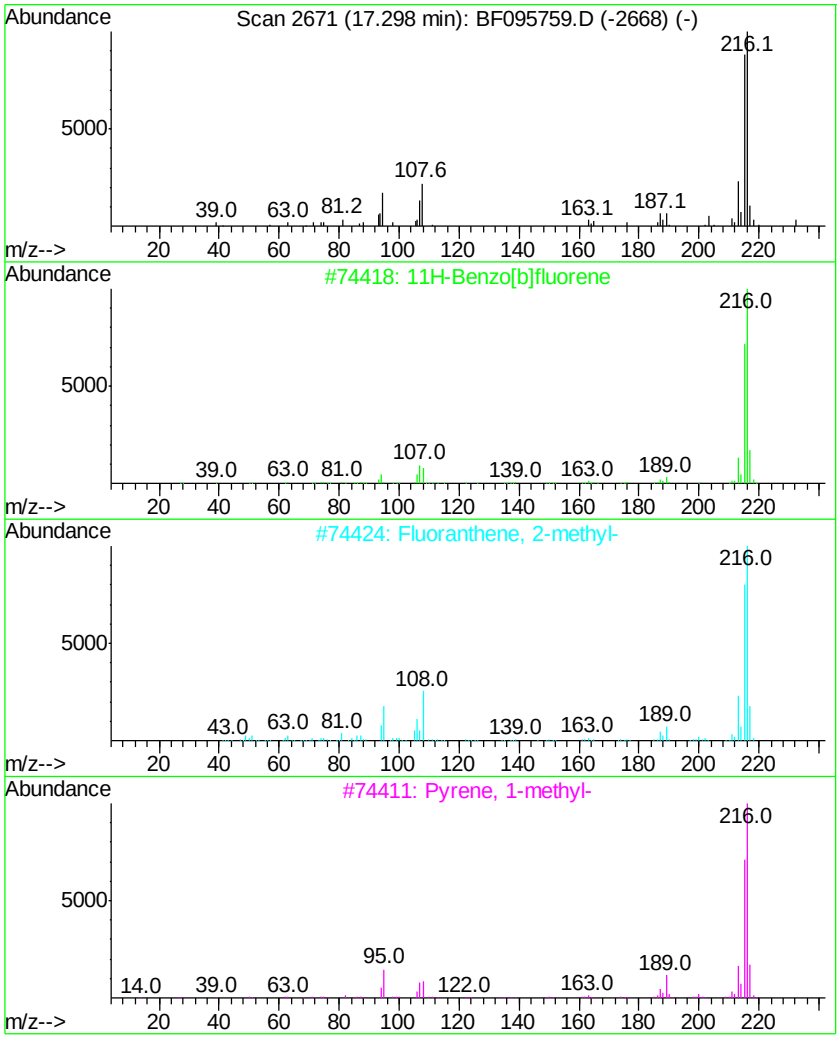
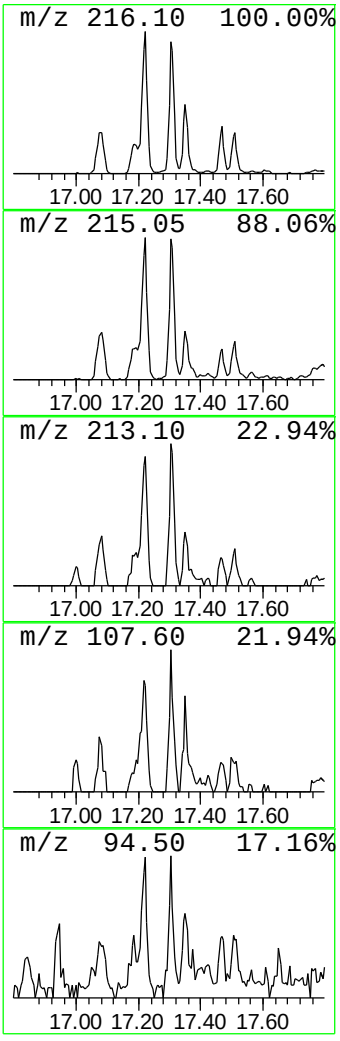
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	3.07 ng	138991	Chrysene-d12	18.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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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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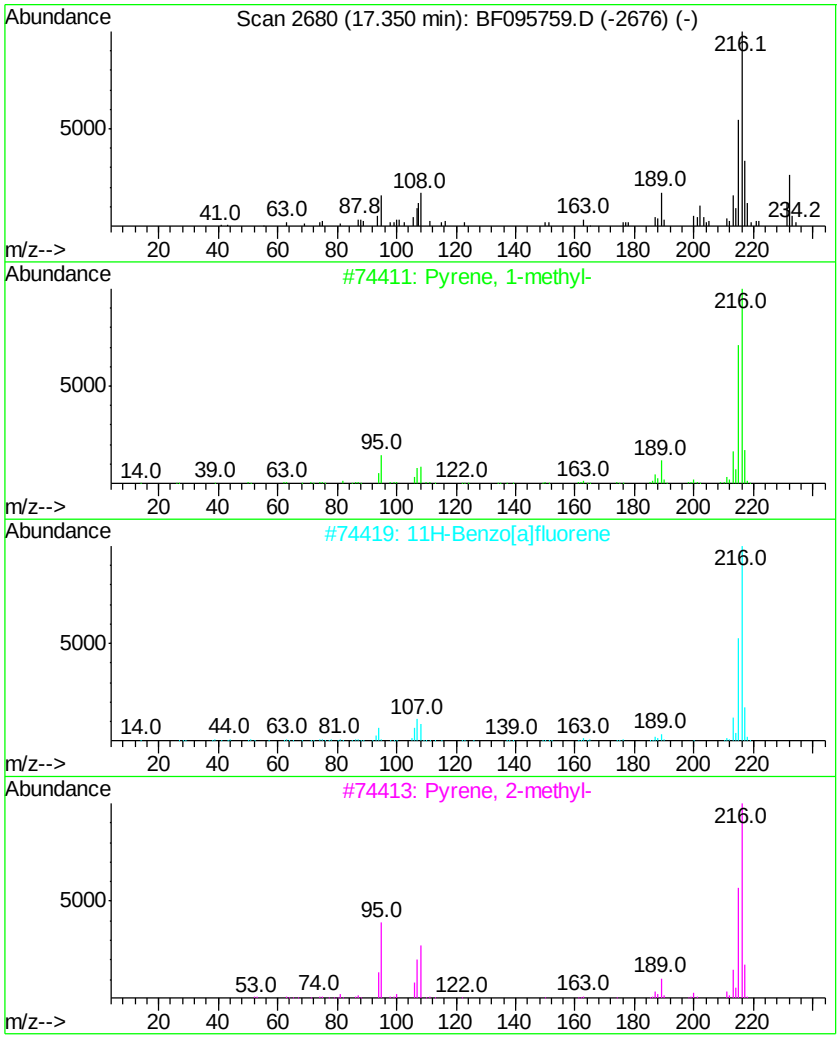
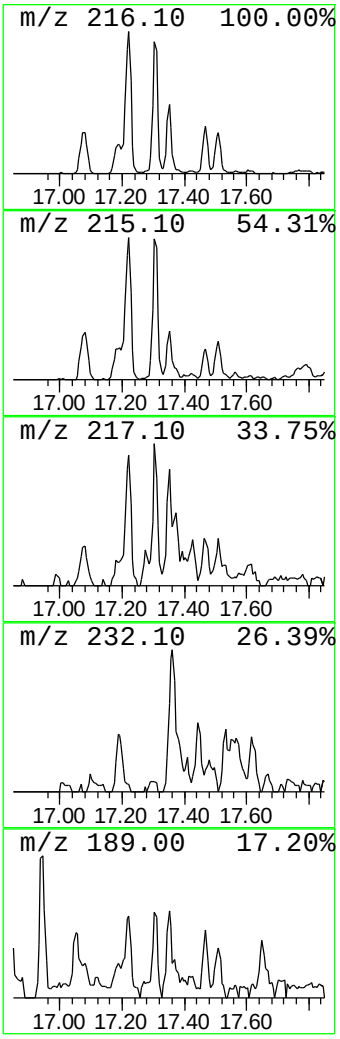
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	3.13 ng	141573	Chrysene-d12	18.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	52
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49





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

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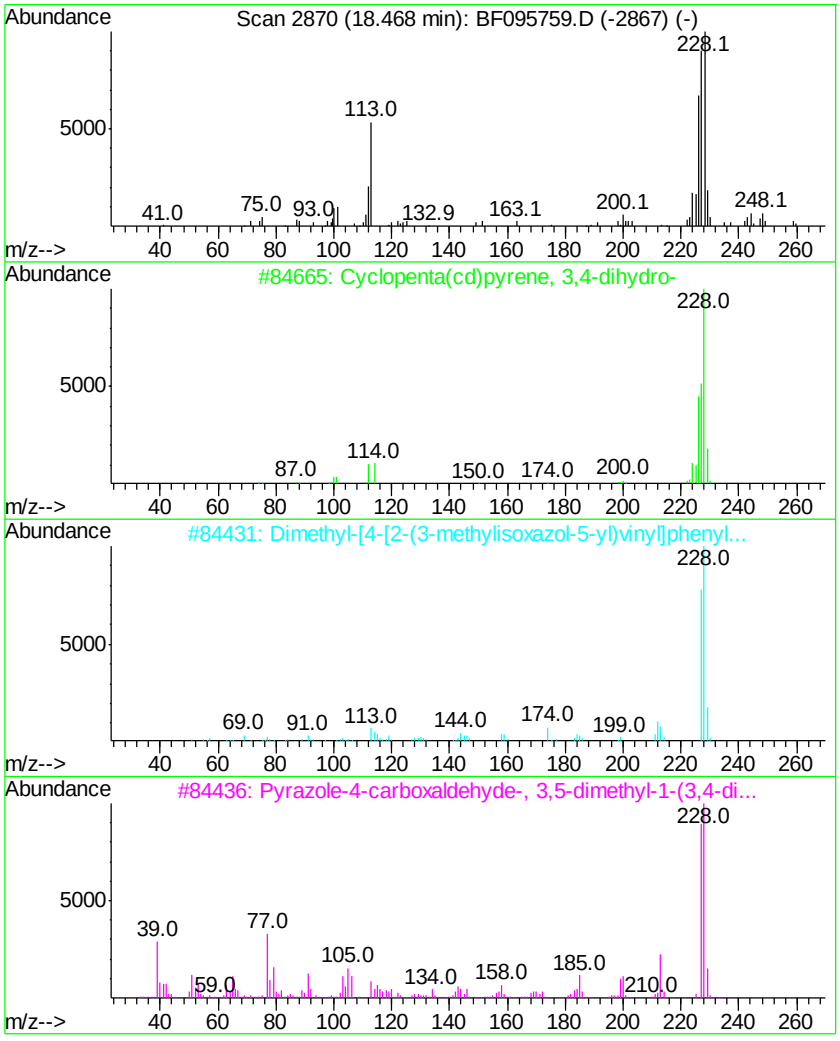
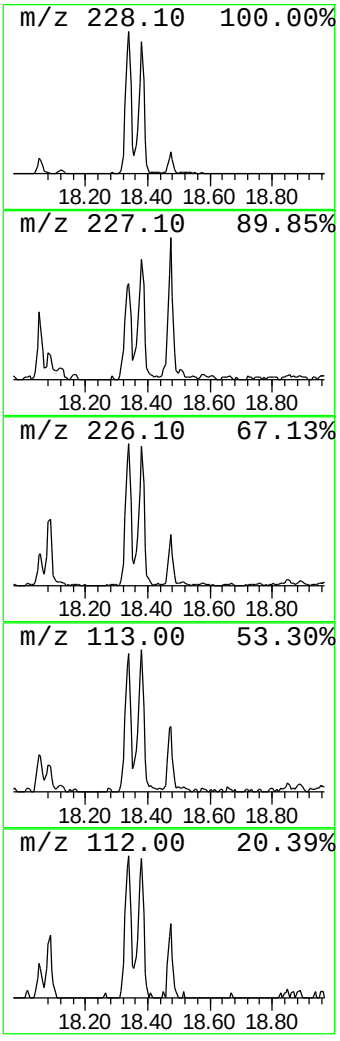
Peak Number 14 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.27 ng	102703	Chrysene-d12	18.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	50
2	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	47
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	47
4	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	46
5	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	38





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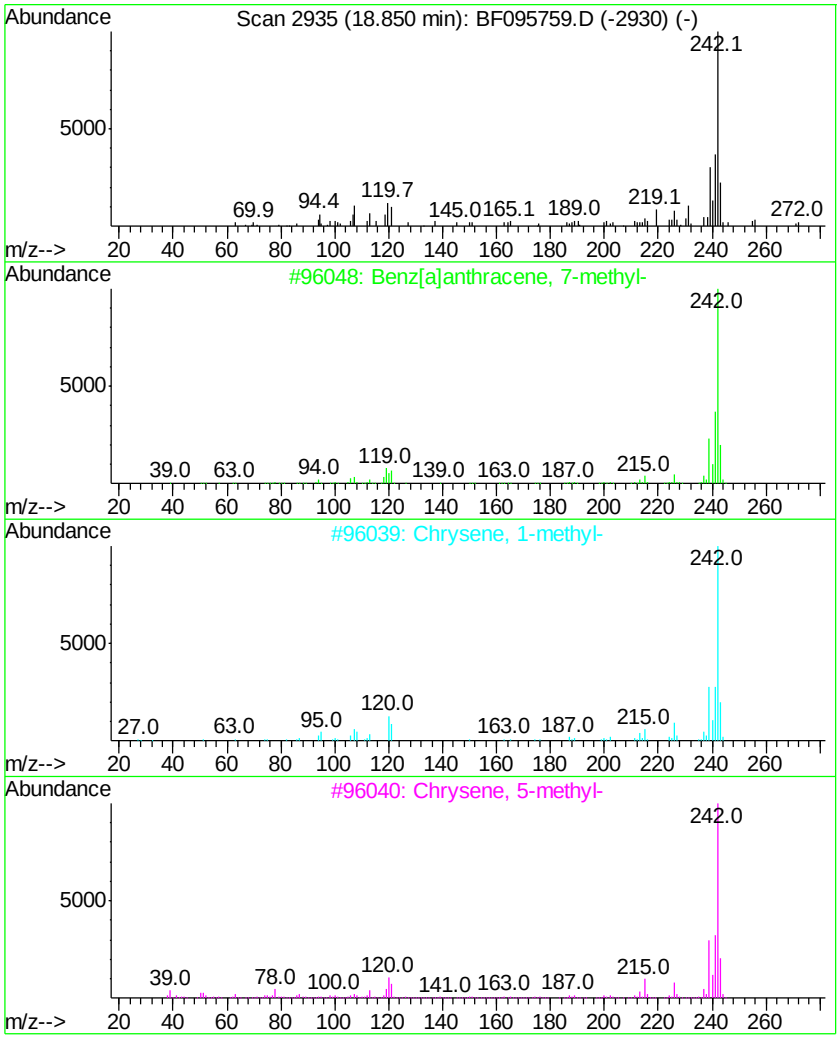
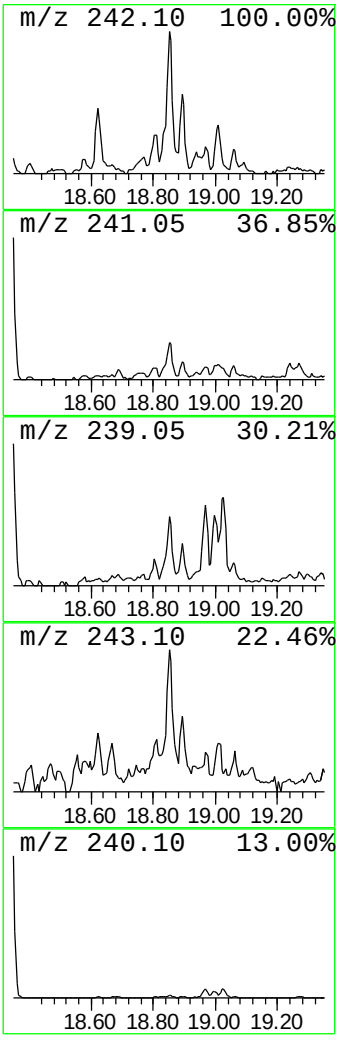
Peak Number 15 Benz[a]anthracene, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	2.22 ng	100225	Chrysene-d12	18.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	93
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	89
5	2-Methylchrysene	242	C19H14	003351-32-4	89





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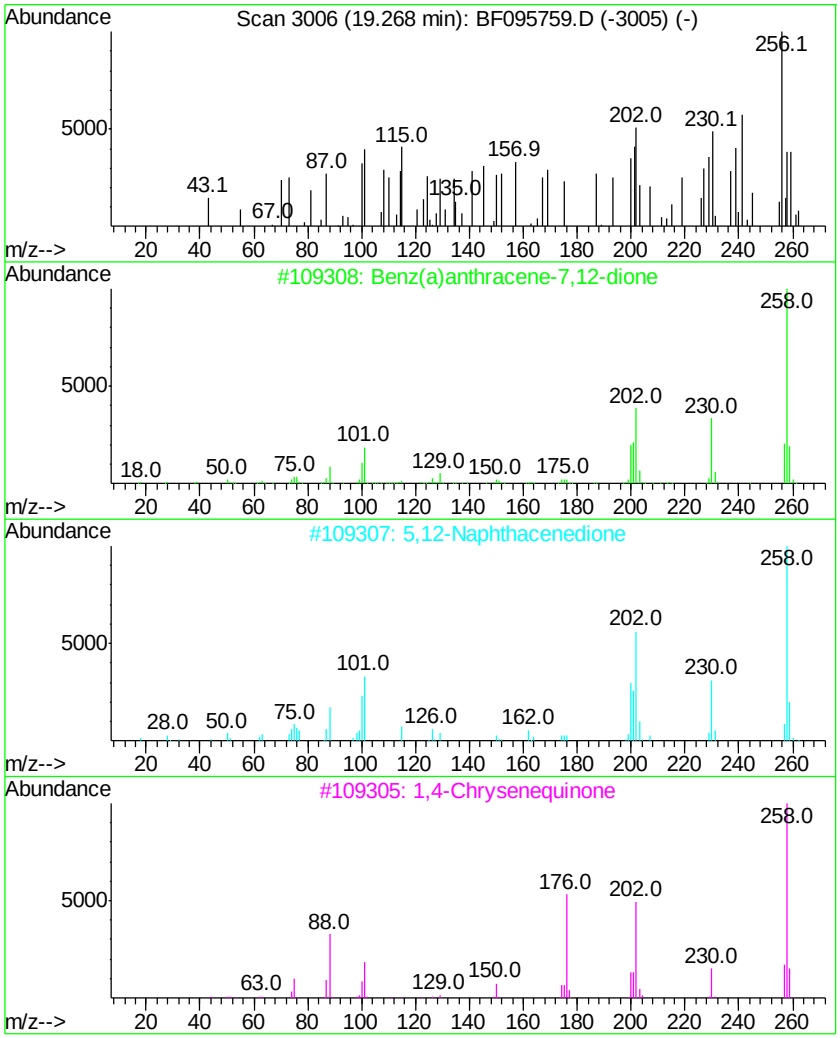
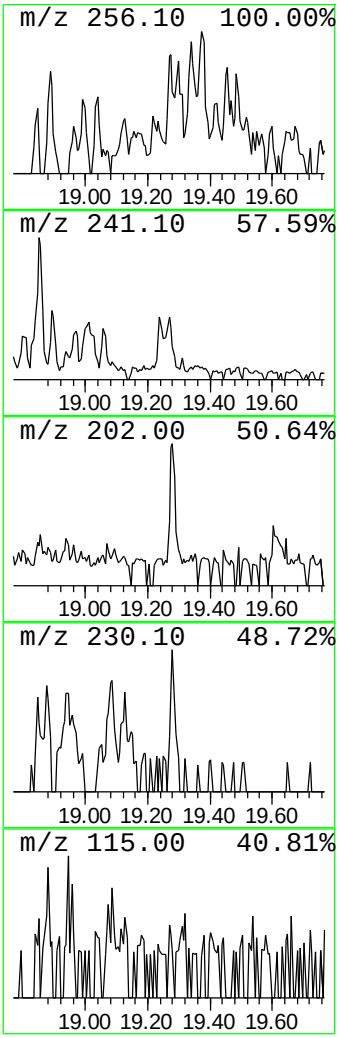
Peak Number 16 Benz(a)anthracene-7,12-dione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.35 ng	35529	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	89
2	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	76
3	1,4-Chrysenequinone	258	C18H10O2	100900-16-1	43
4	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	38
5	1,2-Dihydro-2,4'-biquinoline	258	C18H14N2	1000326-82-7	27





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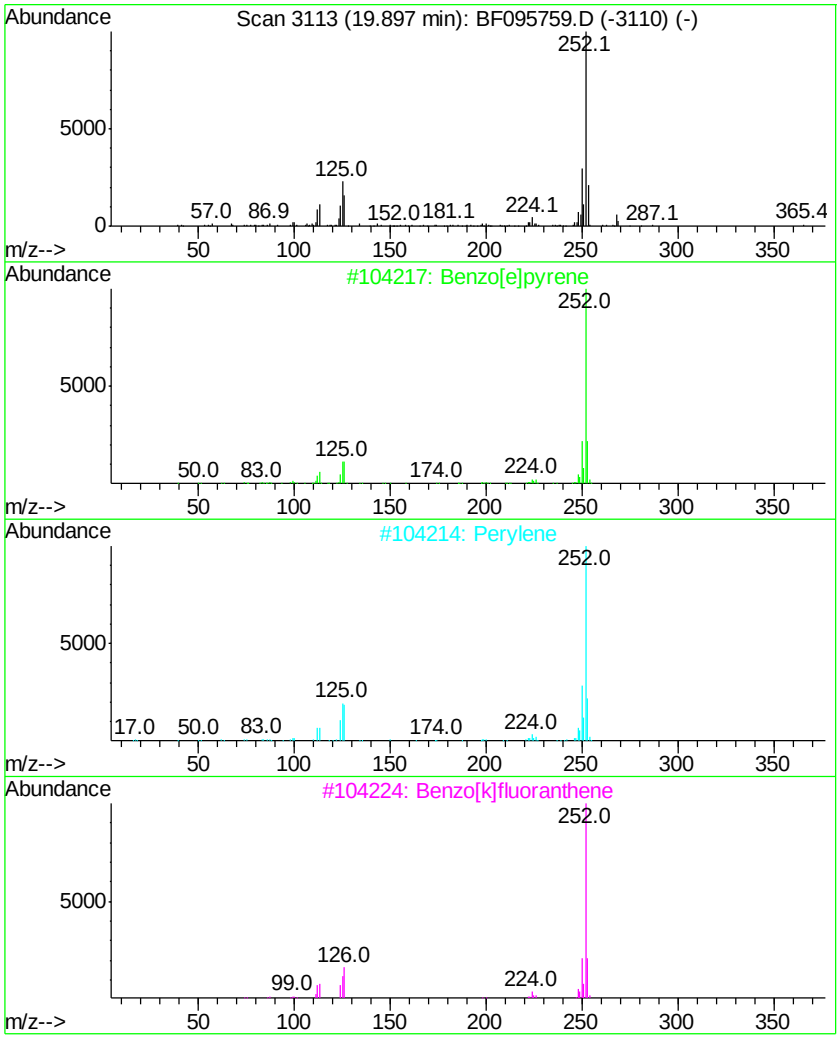
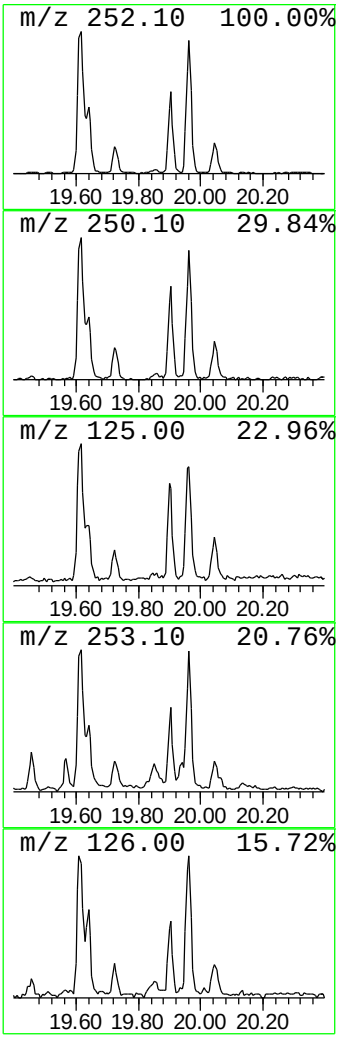
Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	11.33 ng	171583	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.05	7.05	16.4	ng	339328	1	7.38	412473	20.0
Anthracene, 2-met...	15.43	3.7	ng	81309	4	14.63	438779	20.0
Phenanthrene, 2-m...	15.48	4.3	ng	93742	4	14.63	438779	20.0
1H-Cyclopropa[l]p...	15.55	2.3	ng	51219	4	14.63	438779	20.0
4H-Cyclopenta[def...	15.59	7.9	ng	173714	4	14.63	438779	20.0
Anthracene, 9-met...	15.63	3.3	ng	72191	4	14.63	438779	20.0
Naphthalene, 2-ph...	15.89	2.7	ng	58975	4	14.63	438779	20.0
Phenanthrene, 2,5...	16.24	2.3	ng	49910	4	14.63	438779	20.0
Tricyclo[8.2.2.2(...	16.37	2.1	ng	45716	4	14.63	438779	20.0
11H-Benzo[b]fluorene	17.22	3.4	ng	153991	5	18.35	904089	20.0
Fluoranthene, 2-m...	17.30	3.1	ng	138991	5	18.35	904089	20.0
Pyrene, 1-methyl-	17.35	3.1	ng	141573	5	18.35	904089	20.0
Cyclopenta(cd)pyr...	18.47	2.3	ng	102703	5	18.35	904089	20.0
Benz[a]anthracene...	18.85	2.2	ng	100225	5	18.35	904089	20.0
Benz(a)anthracene...	19.27	2.4	ng	35529	6	20.02	302780	20.0
Benzo[e]pyrene	19.90	11.3	ng	171583	6	20.02	302780	20.0