LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095807.D
Acq On : 9 Jun 2017 3:59
Operator : SJ/MA
Sample : I3470-02 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-44-20170602

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	5.275	624	627	660	rBV	87195	263079	22.86%	1.668%
2	6.939	907	910	922	rBV	100857	237480	20.63%	1.506%
3	7.028	922	925	944	rVB	182491	378326	32.87%	2.398%
4	7.369	978	983	995	rBV	293735	401460	34.88%	2.545%
5	7.604	1019	1023	1041	rBV	174228	250008	21.72%	1.585%
6	8.286	1136	1139	1158	rBV	76713	159828	13.89%	1.013%
7	9.398	1323	1328	1349	rBV	434534	578715	50.28%	3.669%
8	10.569	1524	1527	1539	rBB	15598	23674	2.06%	0.150%
9	10.716	1549	1552	1563	rBB	13496	20356	1.77%	0.129%
10	11.174	1626	1630	1646	rBB	290274	351117	30.51%	2.226%
11	11.704	1715	1720	1724	rBV	16796	22017	1.91%	0.140%
12	11.874	1745	1749	1760	rBB2	24798	42504	3.69%	0.269%
13	11.992	1765	1769	1781	rBB	52181	74329	6.46%	0.471%
14	12.221	1802	1808	1813	rBV2	433228	541880	47.08%	3.435%
15	12.274	1813	1817	1824	rVB3	31777	46270	4.02%	0.293%
16	12.568	1863	1867	1870	rBV	26134	33218	2.89%	0.211%
17	13.115	1957	1960	1970	rVB	37182	48643	4.23%	0.308%
18	13.392	2003	2007	2013	rBV2	16112	26818	2.33%	0.170%
19	13.521	2025	2029	2037	rBV	109429	167330	14.54%	1.061%
20	14.239	2147	2151	2155	rBV6	15292	21839	1.90%	0.138%
21	14.339	2164	2168	2175	rBV	41248	60498	5.26%	0.384%
22	14.415	2175	2181	2183	rVV4	14759	25905	2.25%	0.164%
23	14.445	2183	2186	2191	rVB	37106	46137	4.01%	0.292%
24	14.615	2210	2215	2218	rBV	378789	483023	41.97%	3.062%
25	14.651	2218	2221	2229	rVB	710521	863041	74.99%	5.471%
26	14.739	2229	2236	2242	rBV	107087	143356	12.46%	0.909%
27	14.851	2246	2255	2258	rBV6	11008	22112	1.92%	0.140%
28	15.045	2284	2288	2291	rBV	34454	44032	3.83%	0.279%
29	15.151	2303	2306	2311	rVB	26071	30389	2.64%	0.193%
30	15.286	2321	2329	2333	rVB6	20720	33967	2.95%	0.215%
31	15.421	2347	2352	2355	rBV	140408	168284	14.62%	1.067%
32	15.456	2355	2358	2363	rVB	160219	186258	16.18%	1.181%
33	15.533	2368	2371	2374	rBV	45895	49438	4.30%	0.313%
34	15.568	2374	2377	2381	rVV2	141863	198232	17.22%	1.257%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I3470-02 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-44-20170602

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	15.609	2381	2384	2390	rVB	95229	129107	11.22%	0.818%
36	15.768	2409	2411	2415	rBV2	18573	21140	1.84%	0.134%
37	15.868	2424	2428	2434	rVV	78658	96215	8.36%	0.610%
38	15.927	2434	2438	2443	rVV	68314	93499	8.12%	0.593%
39	16.080	2461	2464	2468	rBV2	31933	45575	3.96%	0.289%
40	16.127	2469	2472	2476	rVV2	39637	50719	4.41%	0.322%
41	16.162	2476	2478	2482	rVB	21306	20234	1.76%	0.128%
42	16.233	2485	2490	2493	rBV	109030	144844	12.58%	0.918%
43	16.268	2493	2496	2500	rVV3	57915	90381	7.85%	0.573%
44	16.309	2500	2503	2506	rVV	33081	37079	3.22%	0.235%
45	16.351	2506	2510	2514	rVB	118338	141781	12.32%	0.899%
46	16.433	2517	2524	2530	rBV	977237	1147305	99.68%	7.273%
47	16.480	2530	2532	2537	rVB2	28997	29635	2.57%	0.188%
48	16.533	2537	2541	2544	rBV4	48898	57406	4.99%	0.364%
49	16.568	2544	2547	2550	rVB	49290	54501	4.74%	0.346%
50	16.627	2554	2557	2562	rBV3	31779	50699	4.40%	0.321%
51	16.674	2562	2565	2569	rVV4	34023	39394	3.42%	0.250%
52	16.739	2569	2576	2580	rVB	945115	1150951	100.00%	7.297%
53	16.821	2585	2590	2594	rBV4	38623	58195	5.06%	0.369%
54	16.862	2594	2597	2601	rVB	30886	39078	3.40%	0.248%
55	16.927	2604	2608	2611	rBV	55445	62171	5.40%	0.394%
56	16.986	2612	2618	2624	rVB2	269800	331808	28.83%	2.104%
57	17.056	2624	2630	2634	rBV4	72983	121672	10.57%	0.771%
58	17.174	2644	2650	2653	rBV3	67490	140720	12.23%	0.892%
59	17.203	2653	2655	2660	rVB	69938	73915	6.42%	0.469%
60	17.256	2660	2664	2666	rBV5	16320	23944	2.08%	0.152%
61	17.292	2666	2670	2673	rVB3	35091	44931	3.90%	0.285%
62	17.333	2673	2677	2686	rBV2	125057	211151	18.35%	1.339%
63	17.450	2693	2697	2700	rVB	71267	77372	6.72%	0.491%
64	17.492	2700	2704	2707	rVV	58248	63558	5.52%	0.403%
65	17.750	2746	2748	2752	rVV4	11367	21428	1.86%	0.136%
66	17.845	2762	2764	2767	rBV4	18338	21243	1.85%	0.135%
67	17.886	2768	2771	2775	rVB	118931	127840	11.11%	0.810%
68	18.003	2787	2791	2793	rVV2	68582	77247	6.71%	0.490%
69	18.033	2793	2796	2799	rVV2	117275	133340	11.59%	0.845%
70	18.068	2799	2802	2805	rVV	47896	53606	4.66%	0.340%
71	18.103	2805	2808	2813	rVB2	50836	64736	5.62%	0.410%

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Operator : SJ/MA
Sample : I3470-02 5X
Misc :
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Instrument : BNA_F
ClientSampleId : POSTEX-44-20170602

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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72	18.162	2814	2818	2822	rBV	98200	107682	9.36%	0.683%
73	18.227	2826	2829	2832	rBV2	26492	25995	2.26%	0.165%
74	18.327	2839	2846	2850	rBV2	610977	1007857	87.57%	6.389%
75	18.362	2850	2852	2862	rVV	461431	523620	45.49%	3.320%
76	18.456	2865	2868	2871	rVB2	43370	50511	4.39%	0.320%
77	18.544	2878	2883	2884	rBV2	36155	43402	3.77%	0.275%
78	18.609	2891	2894	2899	rVB2	37189	42253	3.67%	0.268%
79	18.656	2899	2902	2907	rVB2	47204	69837	6.07%	0.443%
80	18.703	2907	2910	2912	rBV4	23369	23499	2.04%	0.149%
81	18.792	2922	2925	2927	rBV2	25585	24999	2.17%	0.158%
82	18.833	2927	2932	2937	rVV	107472	151393	13.15%	0.960%
83	18.880	2937	2940	2943	rVB	62655	67892	5.90%	0.430%
84	18.921	2944	2947	2950	rBV2	38572	57317	4.98%	0.363%
85	18.944	2950	2951	2955	rVB3	40978	39275	3.41%	0.249%
86	18.991	2955	2959	2963	rBV3	31621	57219	4.97%	0.363%
87	19.439	3032	3035	3040	rVV	49602	62936	5.47%	0.399%
88	19.550	3049	3054	3057	rBV4	23184	36131	3.14%	0.229%
89	19.597	3057	3062	3065	rBV	377048	517266	44.94%	3.279%
90	19.621	3065	3066	3071	rVB2	168839	178394	15.50%	1.131%
91	19.709	3078	3081	3085	rVB2	68295	71565	6.22%	0.454%
92	19.886	3107	3111	3115	rBV	221163	240961	20.94%	1.528%
93	19.944	3118	3121	3125	rVB	272954	291598	25.34%	1.849%
94	19.997	3126	3130	3133	rVV	264244	302049	26.24%	1.915%
95	20.027	3133	3135	3139	rVB	62158	64777	5.63%	0.411%
96	21.174	3325	3330	3336	rVB	140551	223576	19.43%	1.417%
97	21.297	3349	3351	3355	rBV2	17190	26309	2.29%	0.167%
98	21.350	3357	3360	3365	rVB2	29707	43113	3.75%	0.273%
99	21.503	3382	3386	3395	rVB	105609	186631	16.22%	1.183%
100	23.362	3696	3702	3709	rBV7	14817	43899	3.81%	0.278%

Sum of corrected areas: 15773939

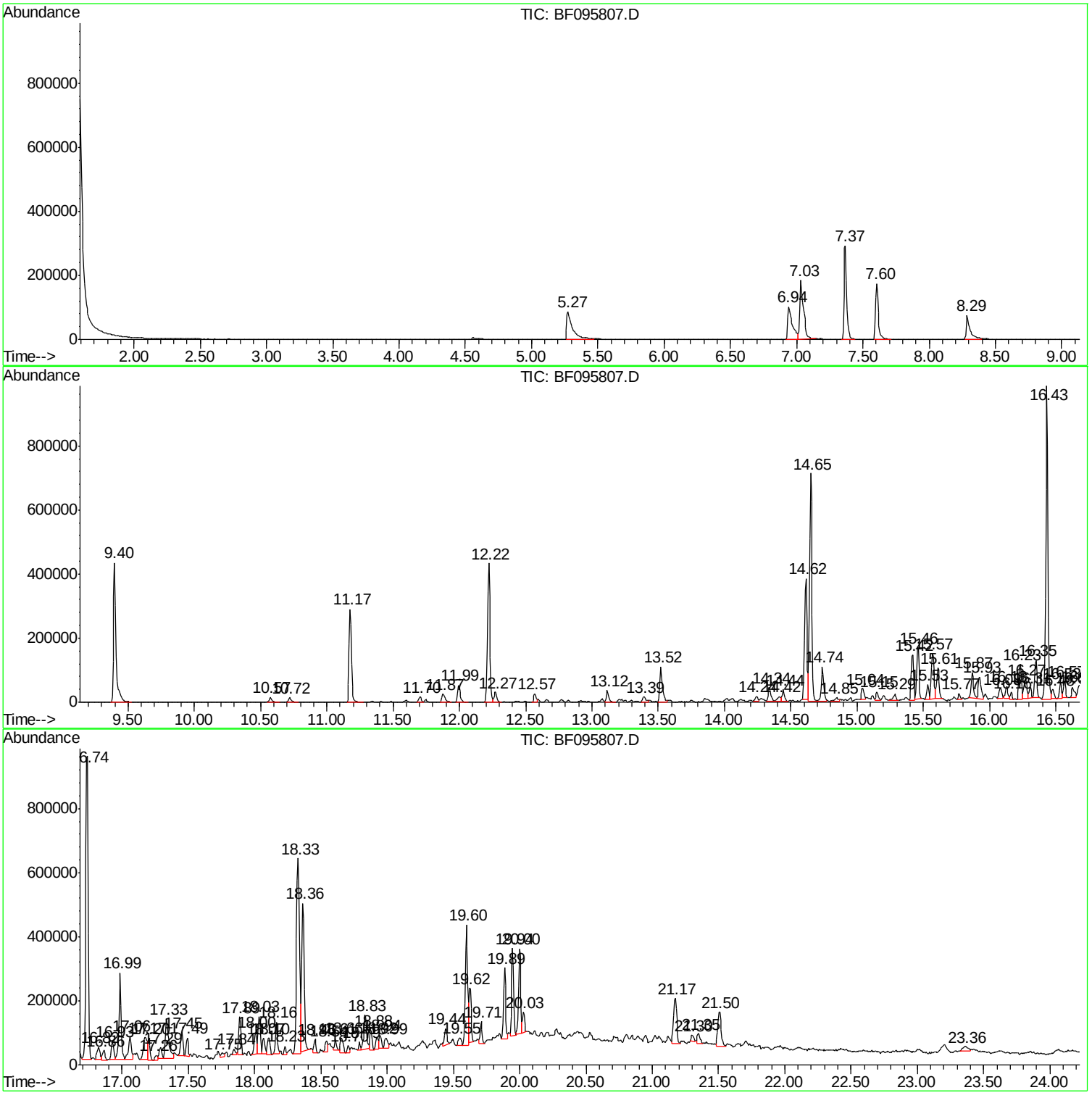
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095807.D
Acq On : 9 Jun 2017 3:59
Operator : SJ/MA
Sample : I3470-02 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POSTEX-44-20170602

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\BF060817\
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Operator : SJ/MA
Sample : I3470-02 5X
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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

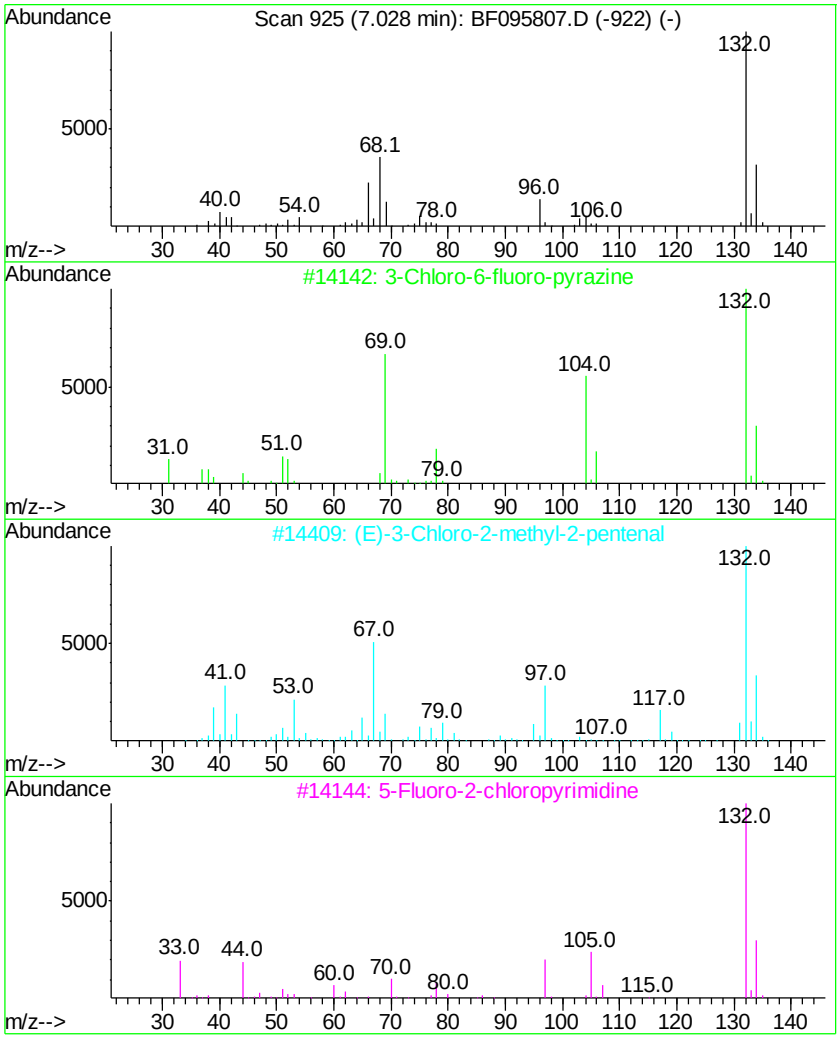
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

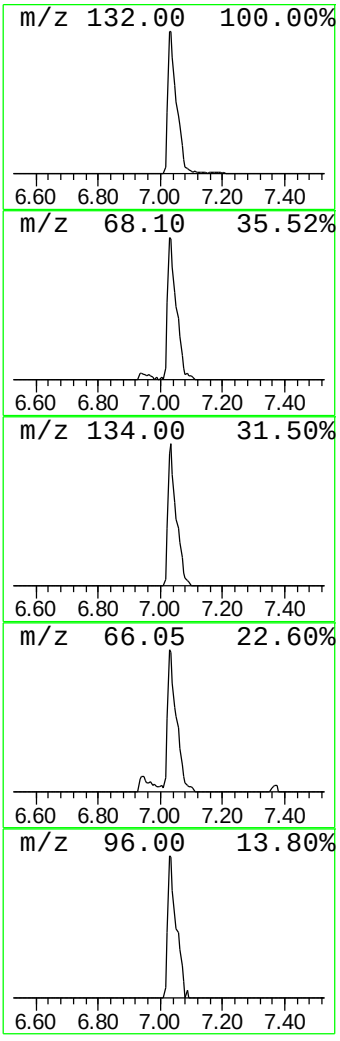
****

Peak Number 1 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	18.85 ng	378326	1,4-Dichlorobenzene-d4	7.37

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	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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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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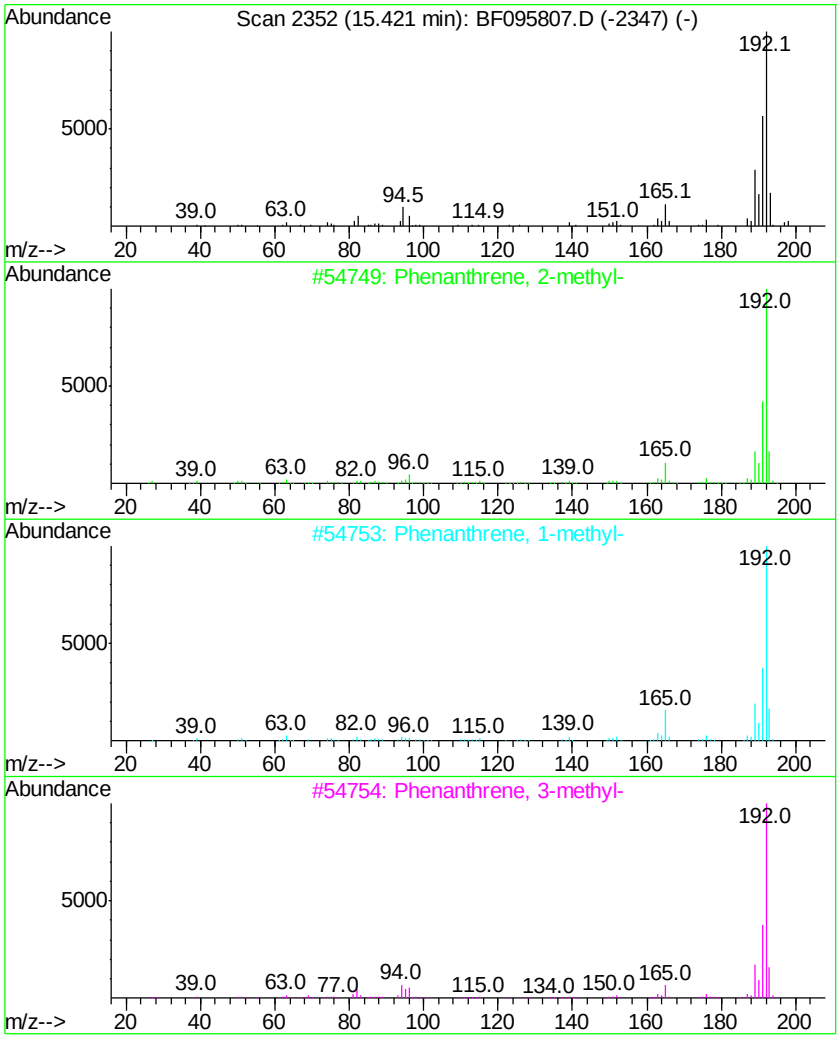
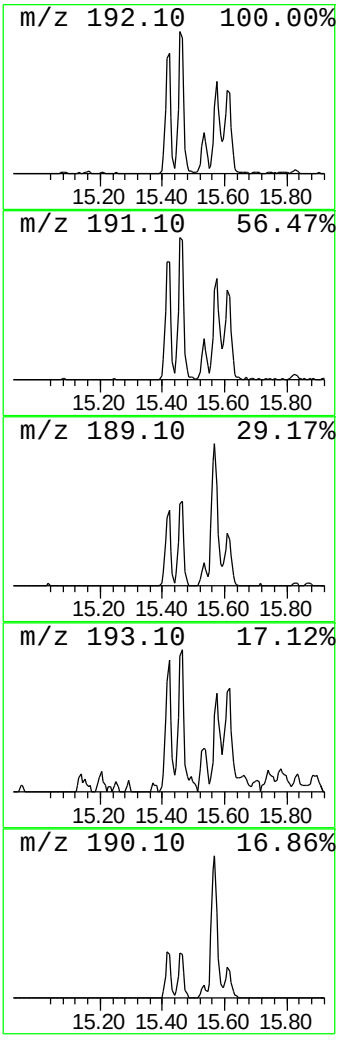
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	6.97 ng	168284	Phenanthrene-d10	14.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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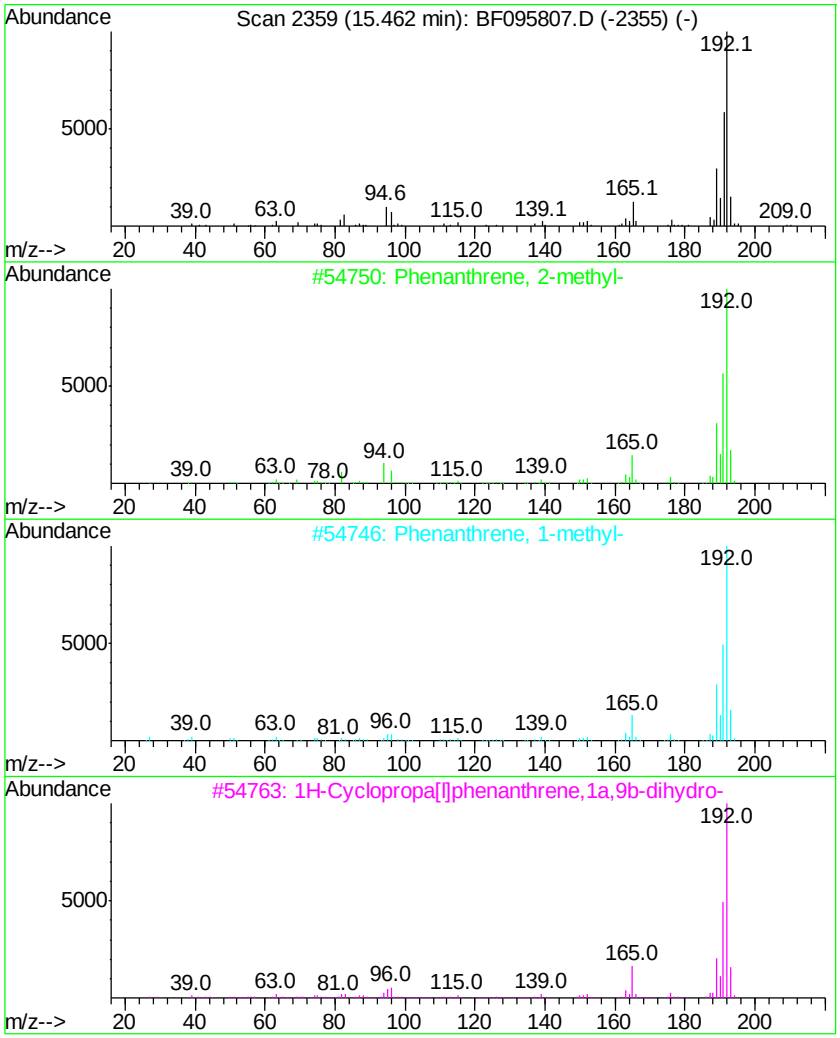
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

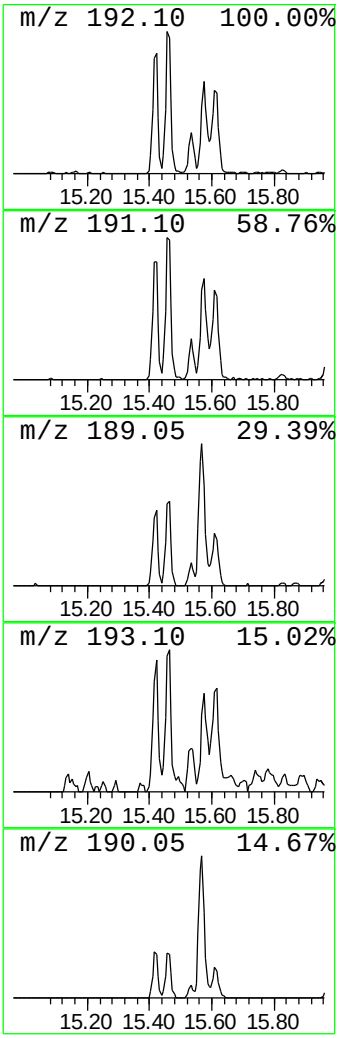
****

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	7.71 ng	186258	Phenanthrene-d10	14.62

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Library Search Compound Report

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Acq On : 9 Jun 2017 3:59
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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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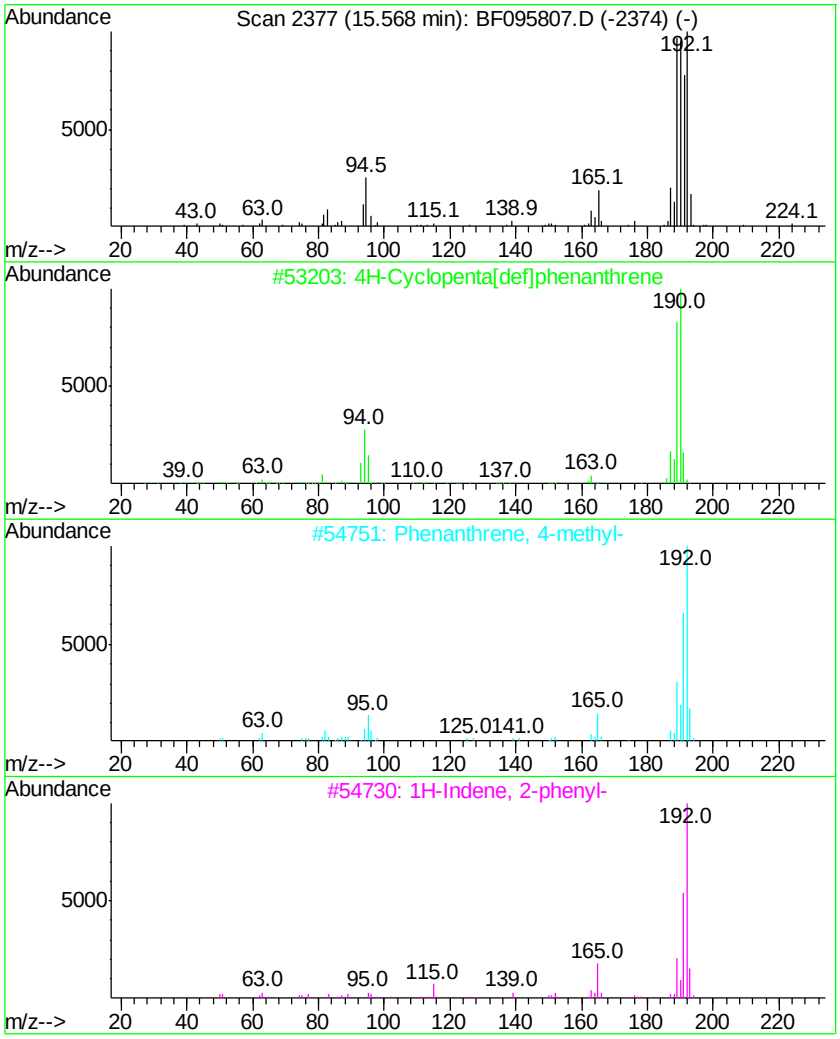
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

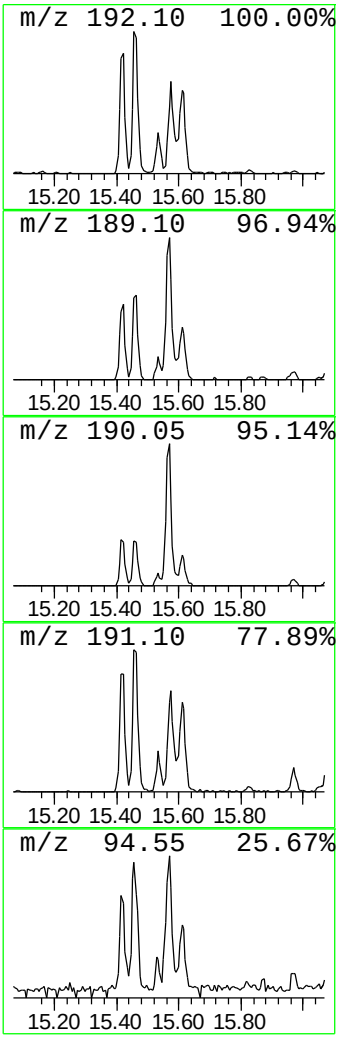
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	8.21 ng	198232	Phenanthrene-d10	14.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
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Operator : SJ/MA
Sample : I3470-02 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-44-20170602

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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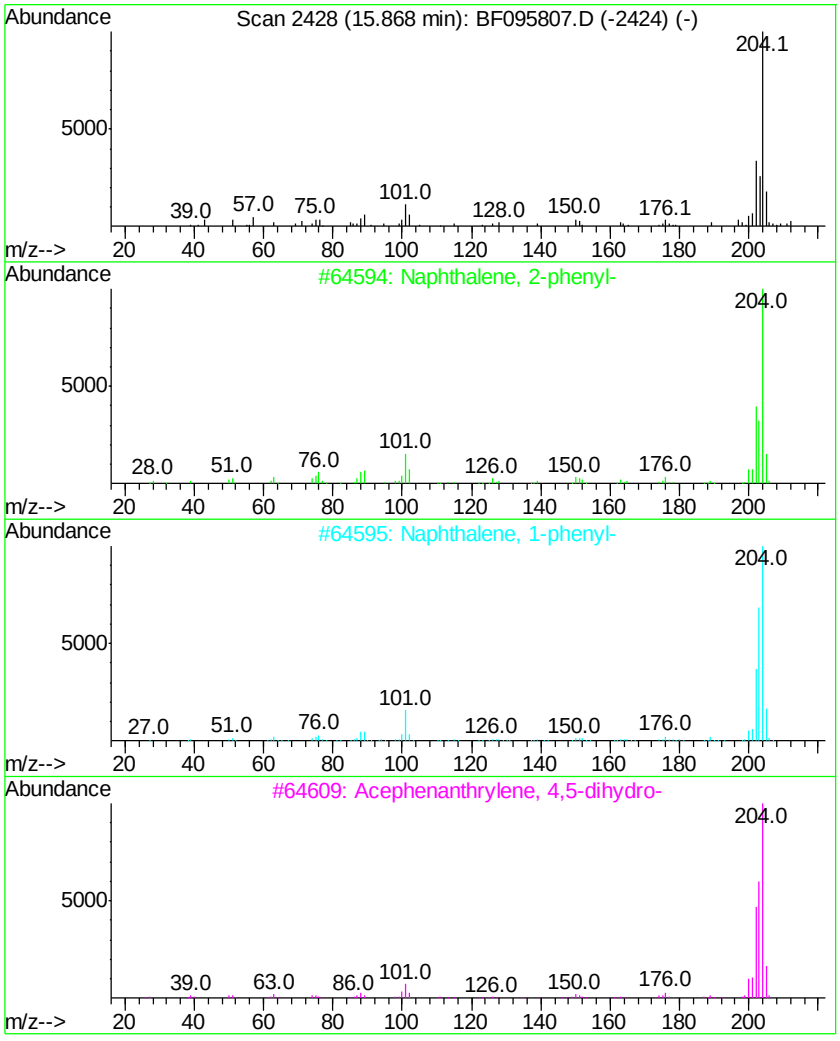
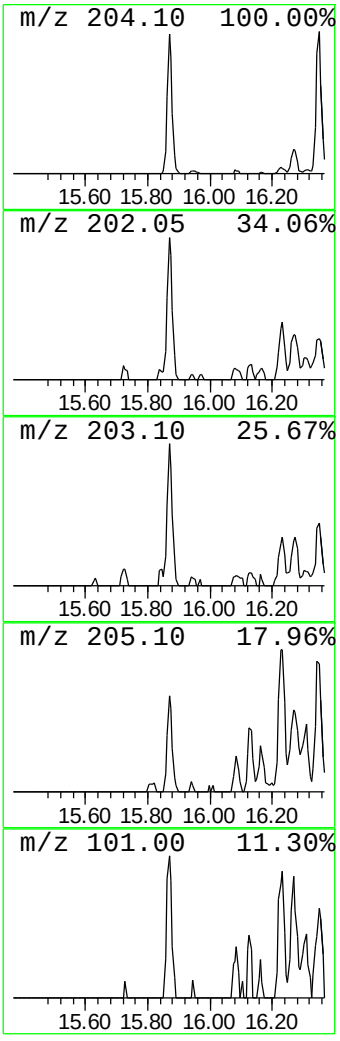
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	3.98 ng	96215	Phenanthrene-d10	14.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	64
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	53
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	53





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Sample : I3470-02 5X
Misc :
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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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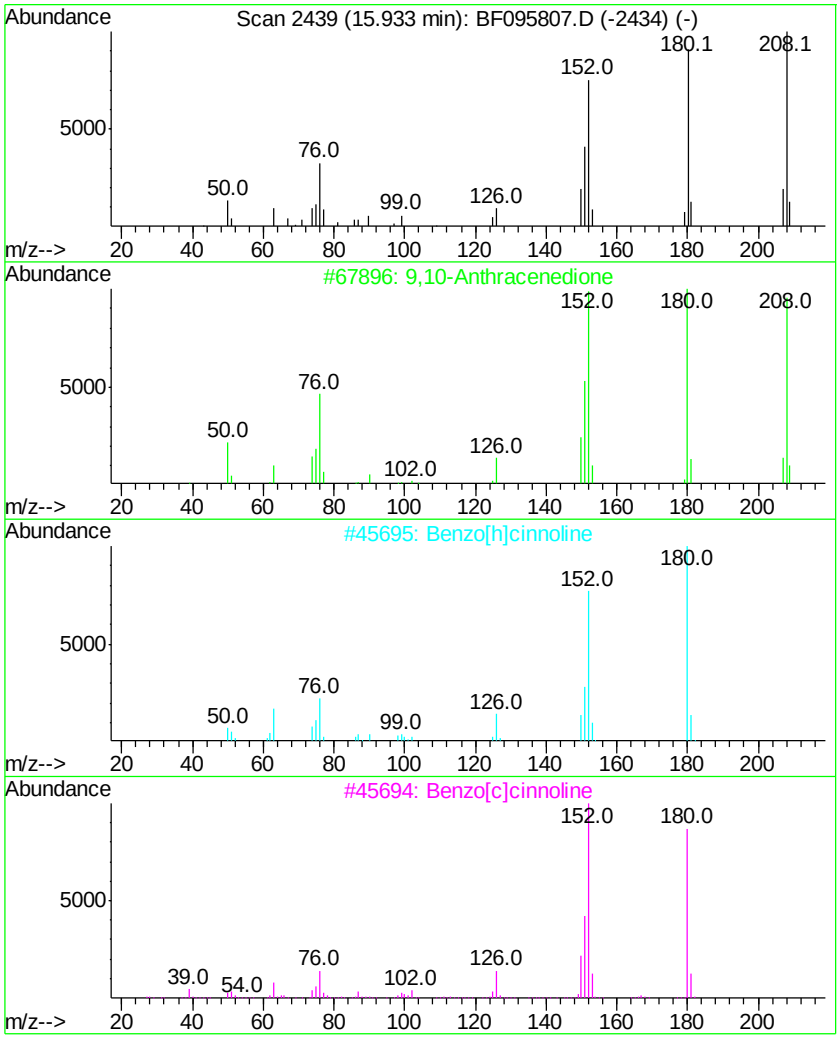
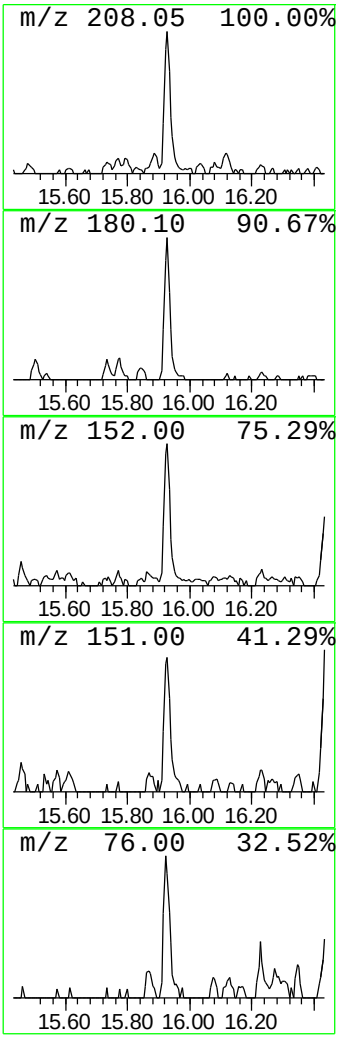
Peak Number 8 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	3.87 ng	93499	Phenanthrene-d10	14.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	86
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58





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TIC Library : C:\DATABASE\NIST11.L
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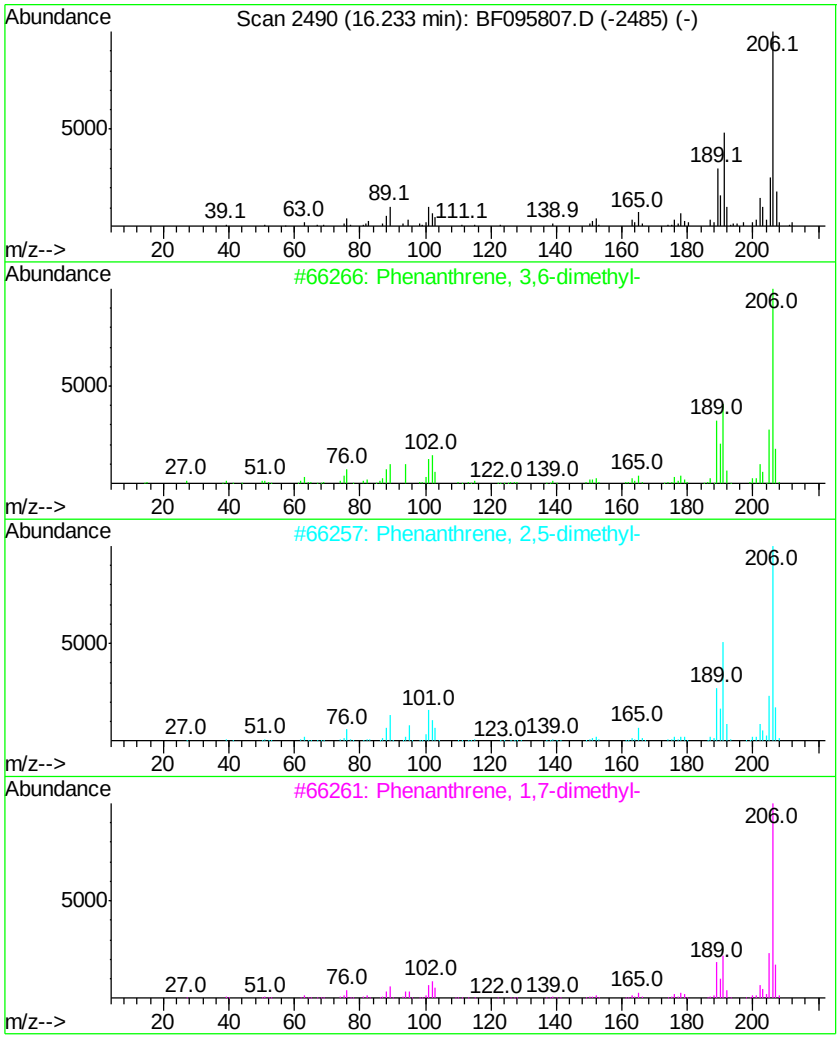
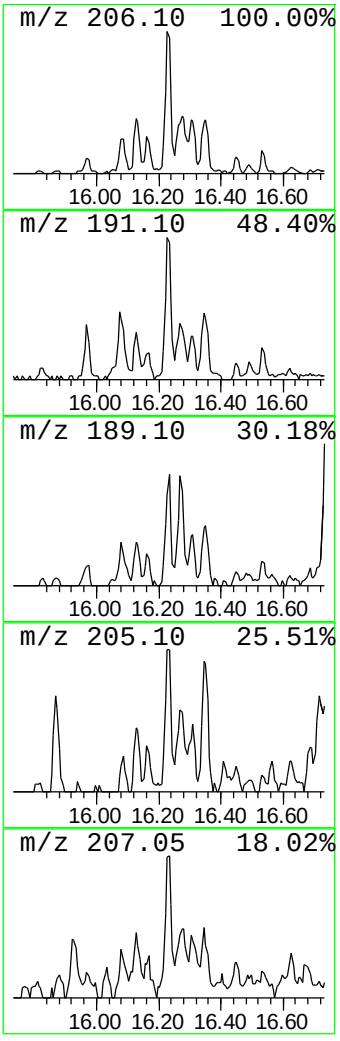
Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	6.00 ng	144844	Phenanthrene-d10	14.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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

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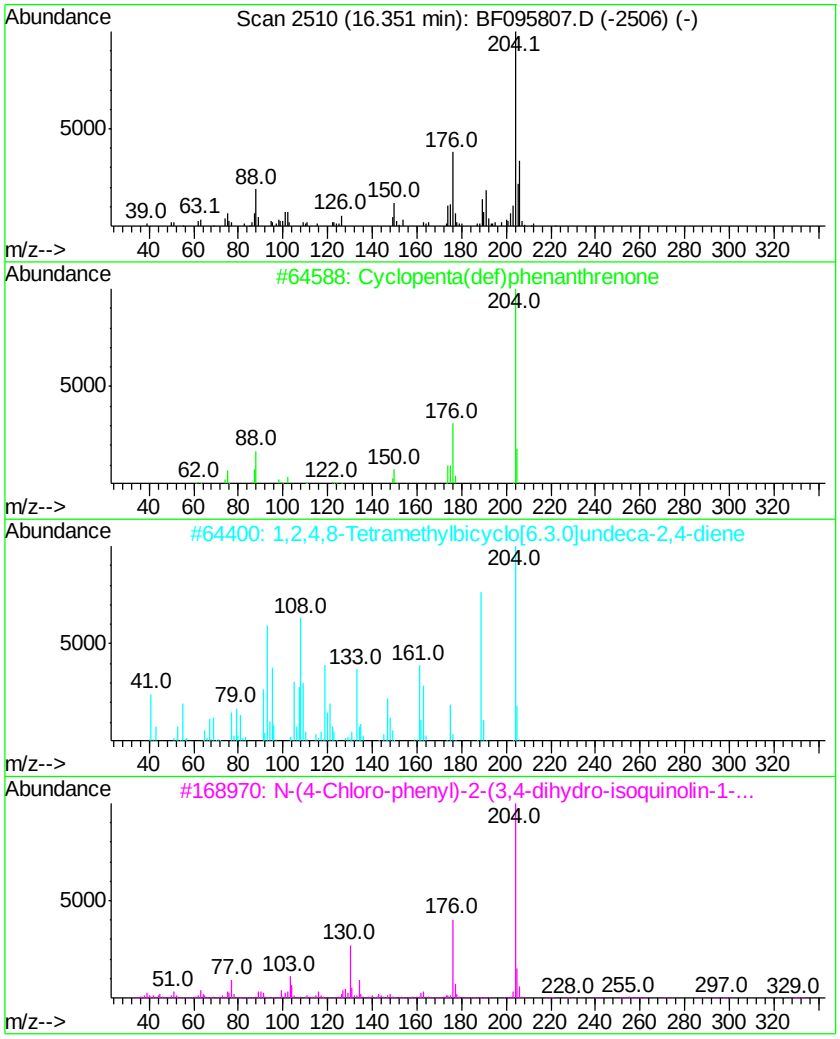
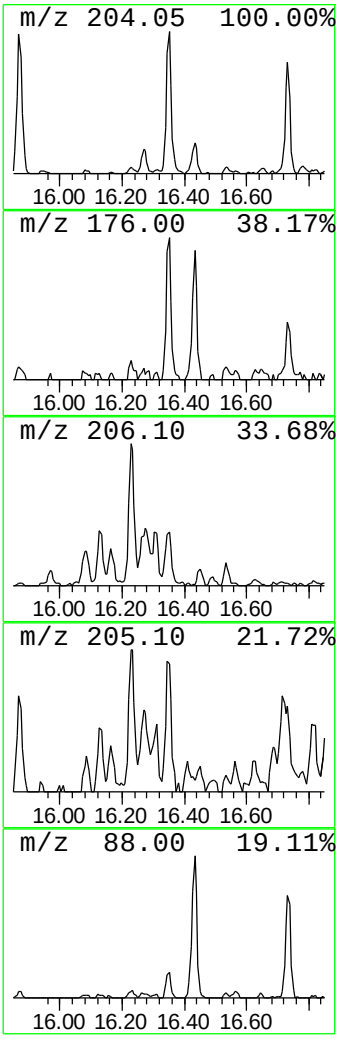
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	5.87 ng	141781	Phenanthrene-d10	14.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	40
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	38
5	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	38





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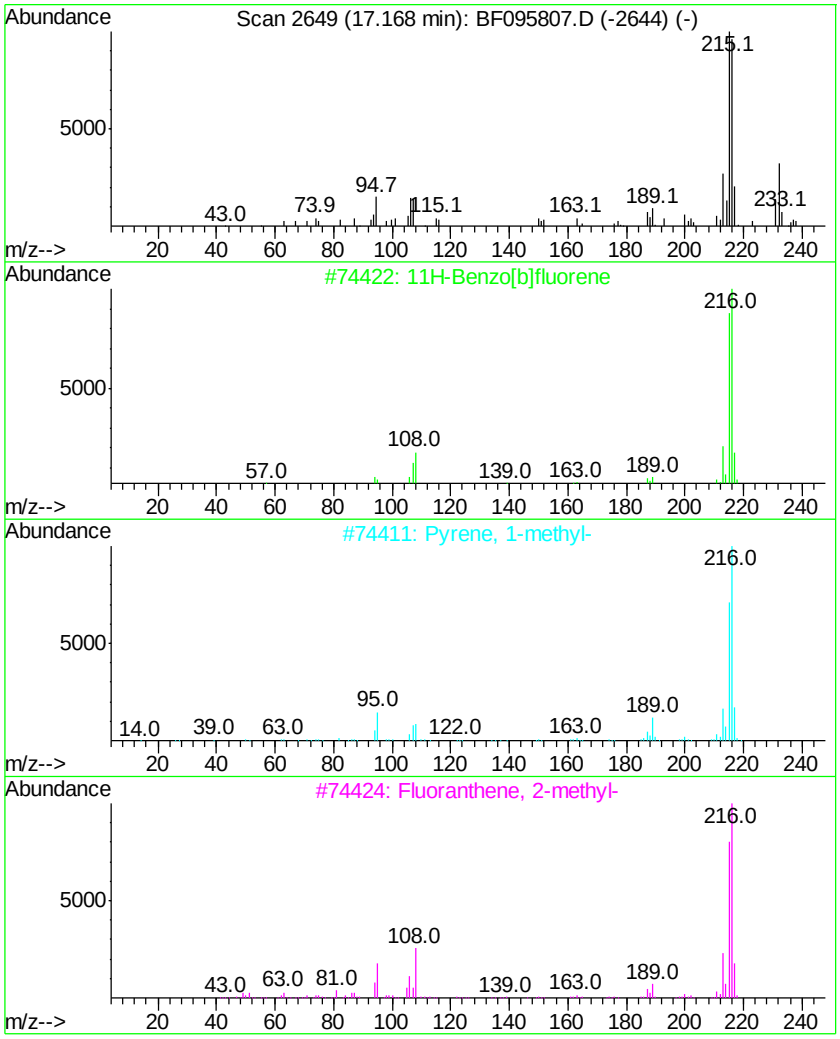
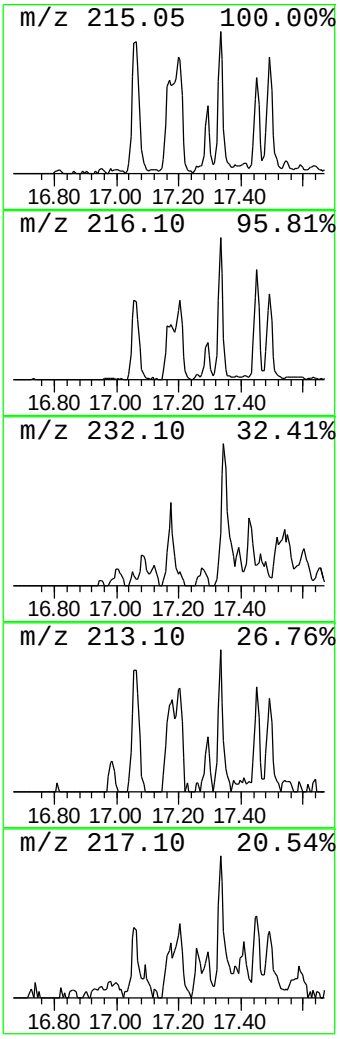
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	2.79 ng	140720	Chrysene-d12	18.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53





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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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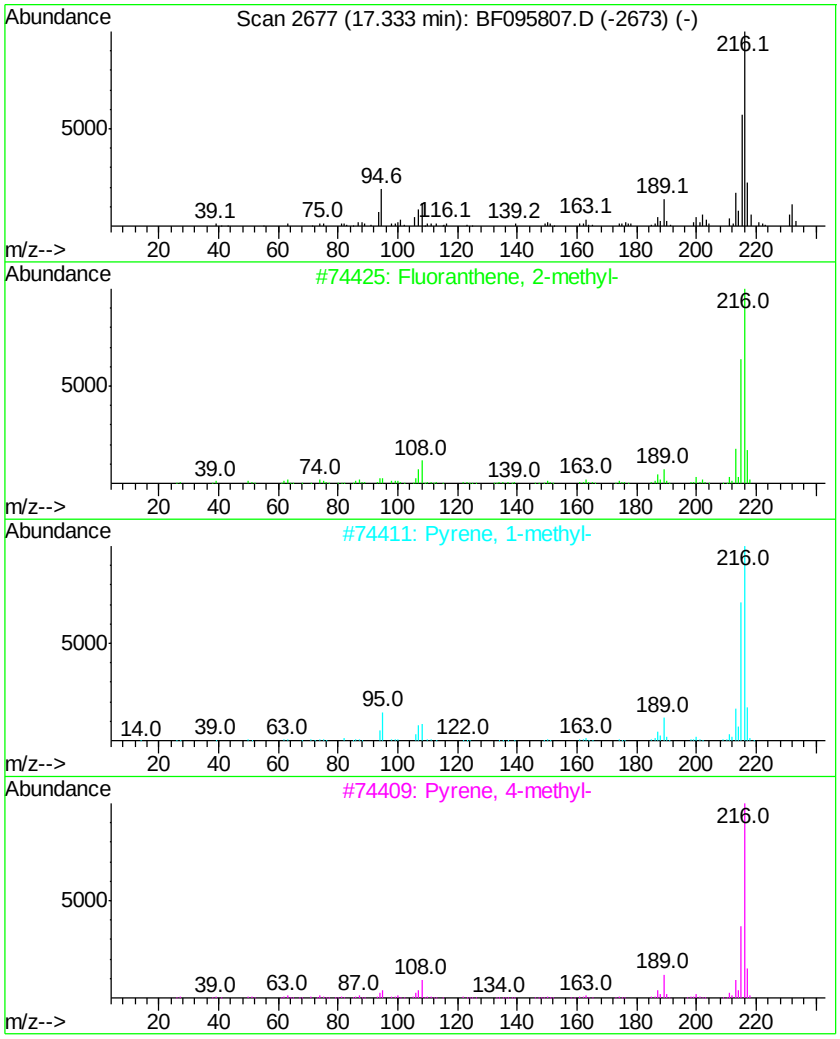
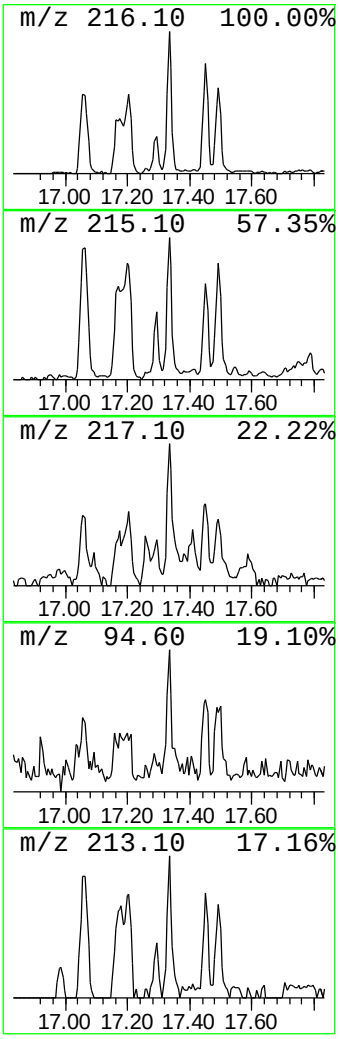
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	4.19 ng	211151	Chrysene-d12	18.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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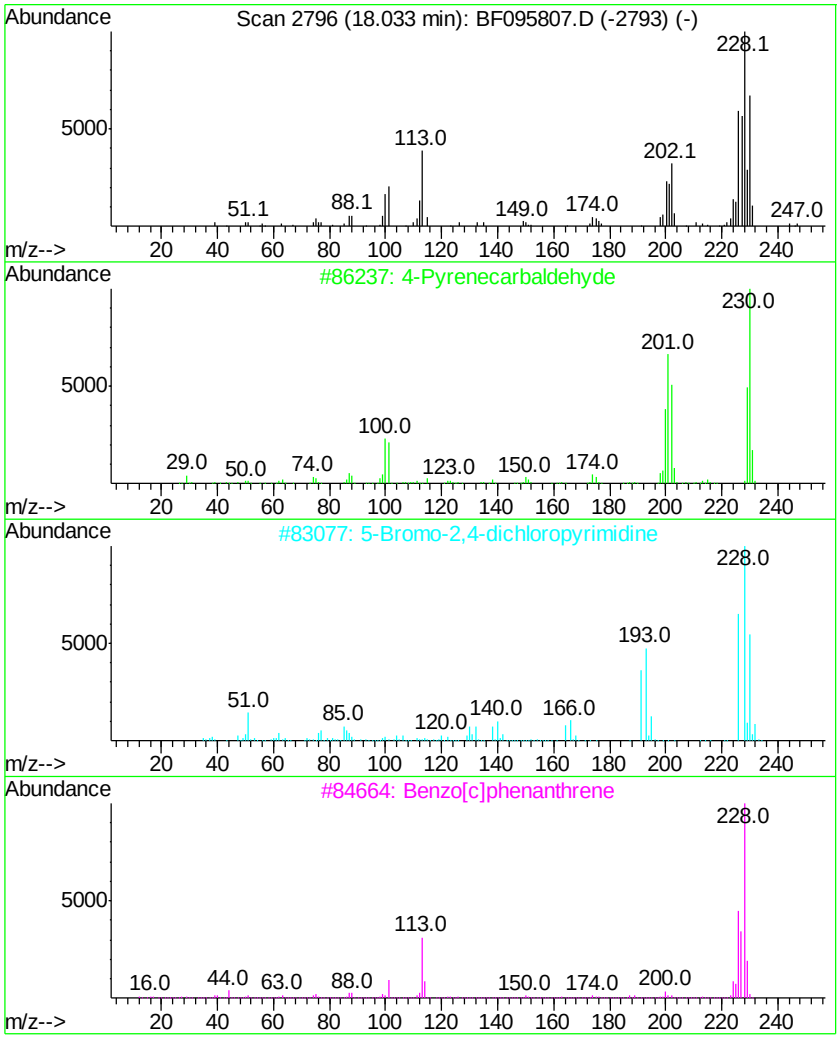
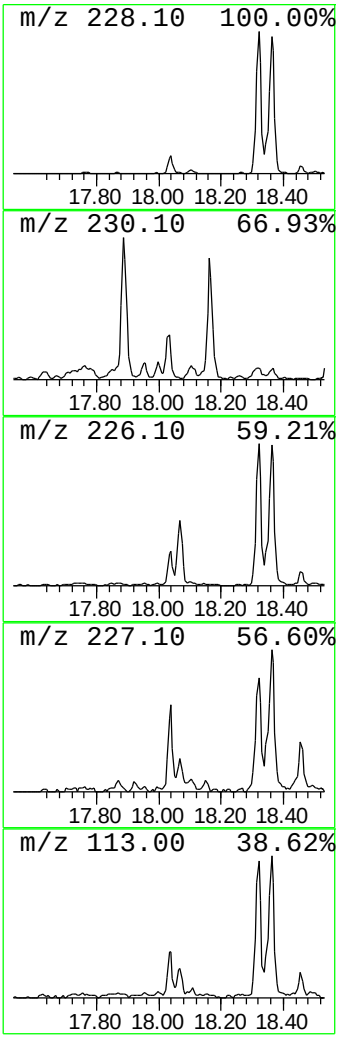
Peak Number 14 4-Pyrenecarbaldehyde Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.65 ng	133340	Chrysene-d12	18.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	60
2	5-Bromo-2,4-dichloropyrimidine	226	C4HBrCl2N2	036082-50-5	43
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
4	Benz[a]anthracene	228	C18H12	000056-55-3	30
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	30





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

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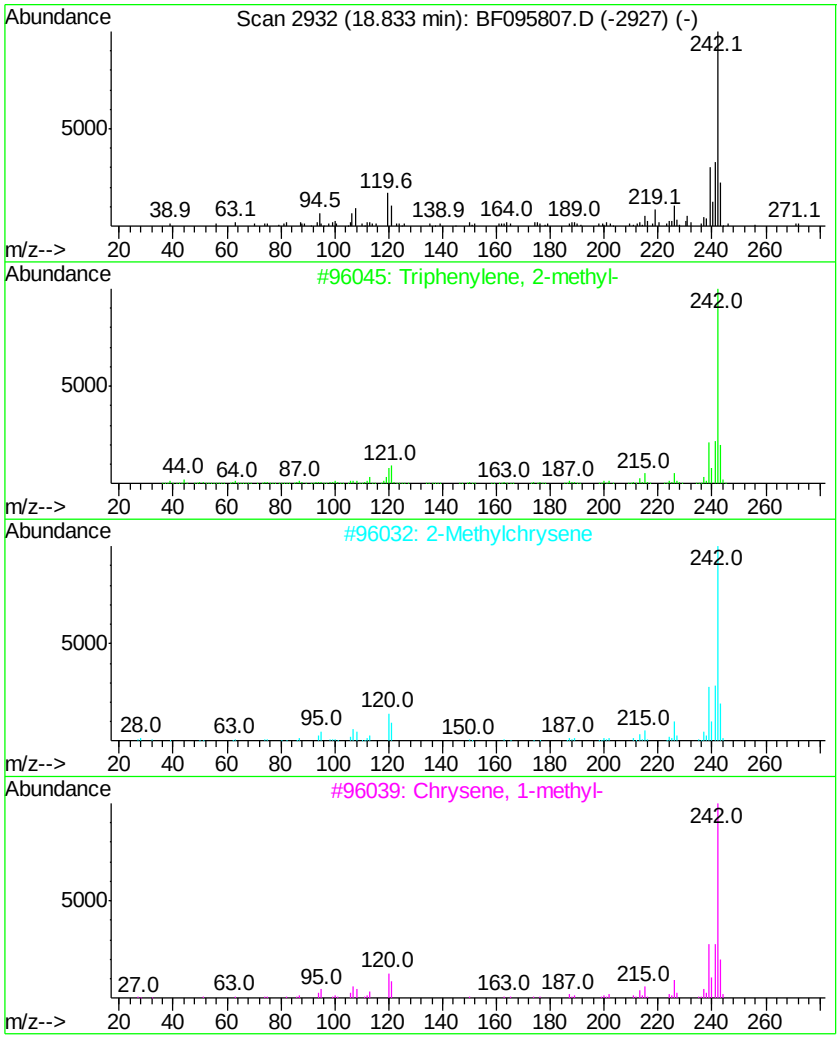
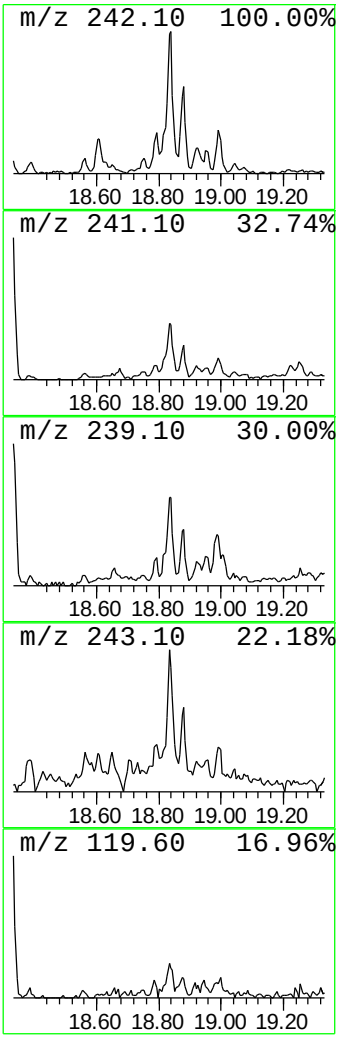
Peak Number 15 Triphenylene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	3.00 ng	151393	Chrysene-d12	18.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
2	2-Methylchrysene	242	C19H14	003351-32-4	90
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	89
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89





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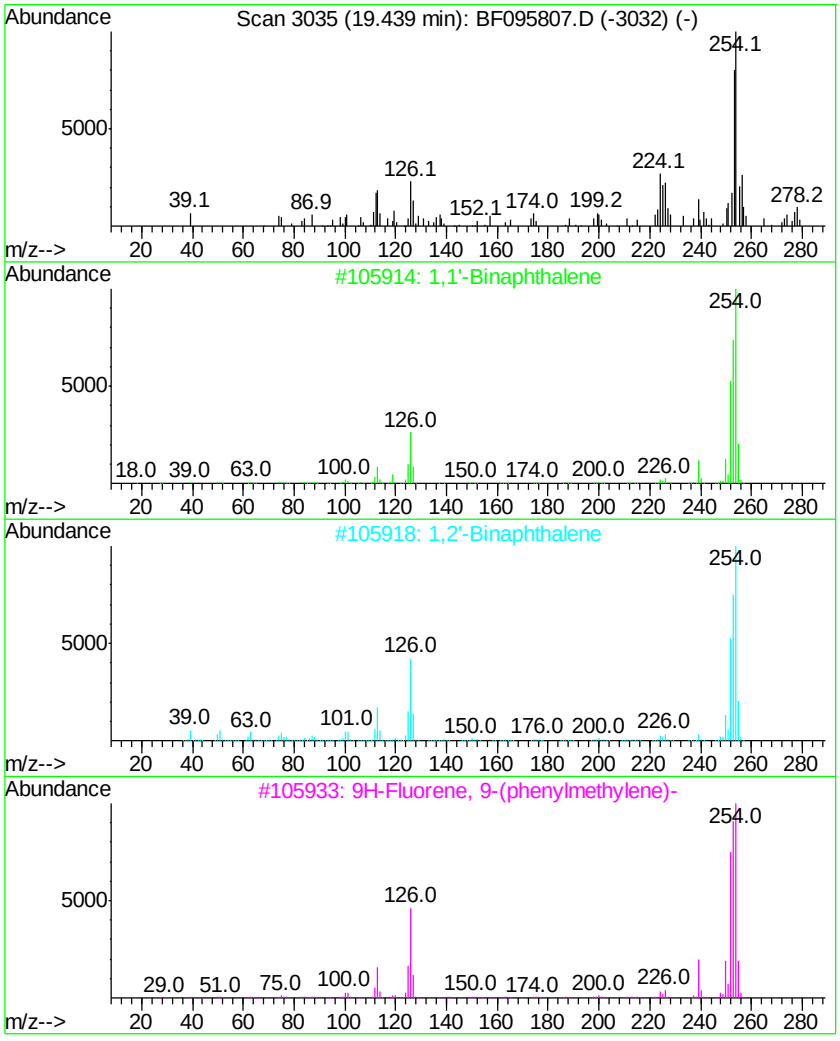
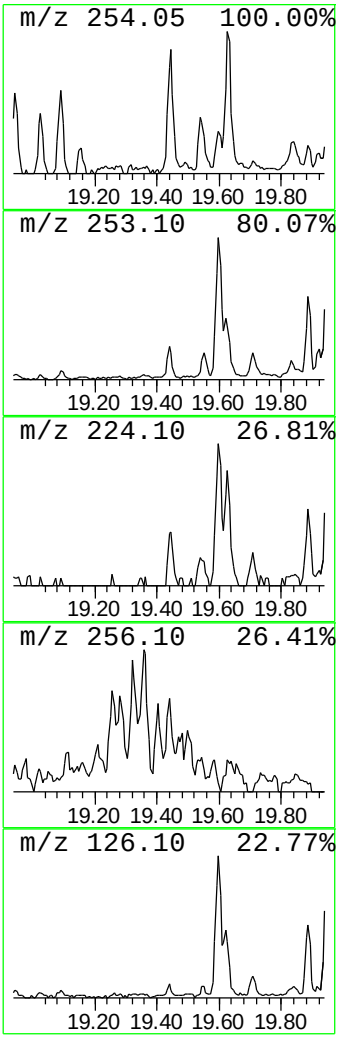
Peak Number 16 1,1'-Binaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	4.17 ng	62936	Perylene-d12	20.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	64
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	64
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	58
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	58
5	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	58





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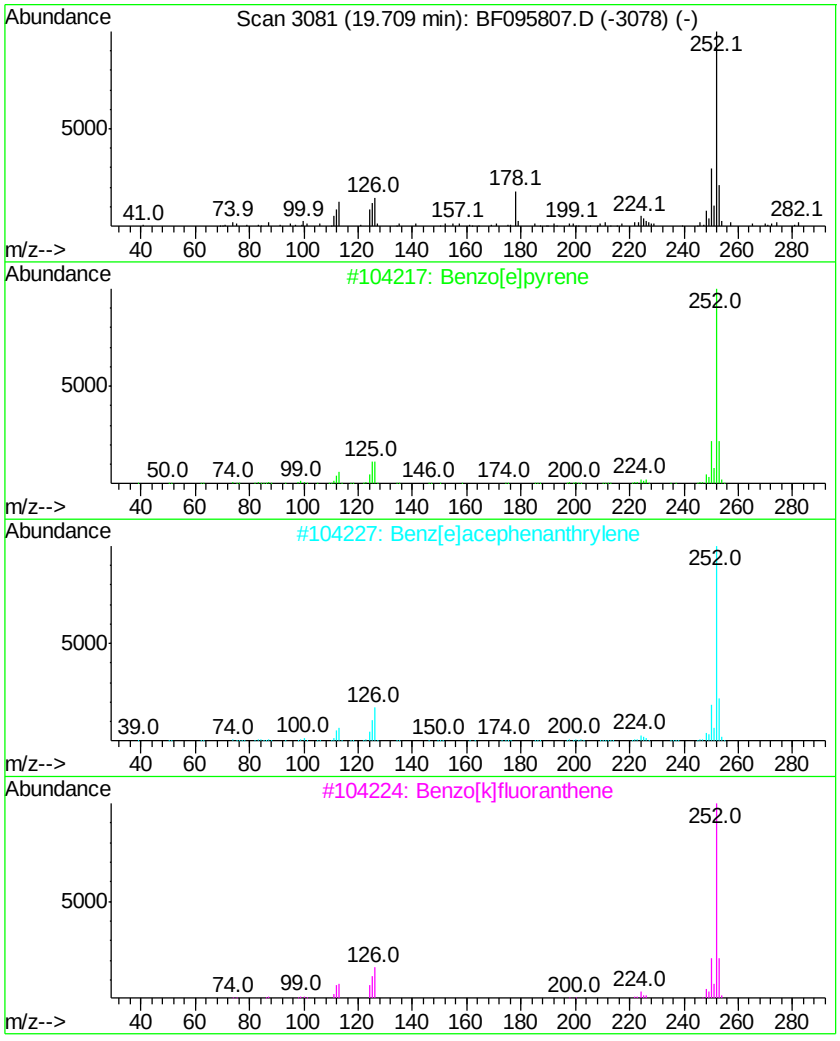
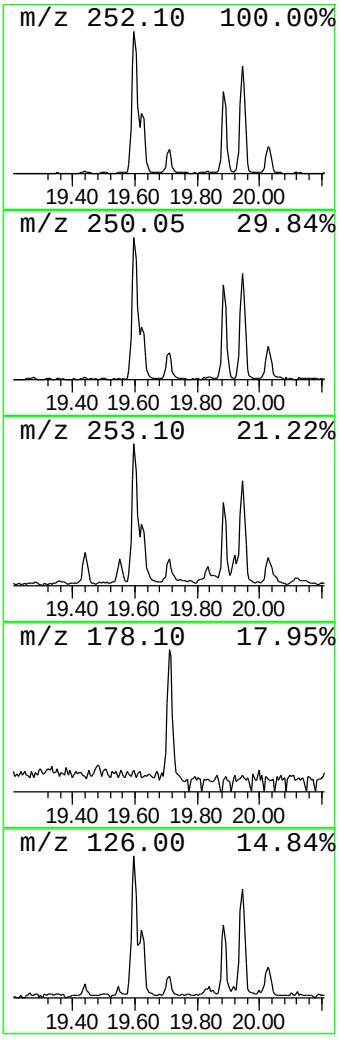
Peak Number 17 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	4.74 ng	71565	Perylene-d12	20.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	89





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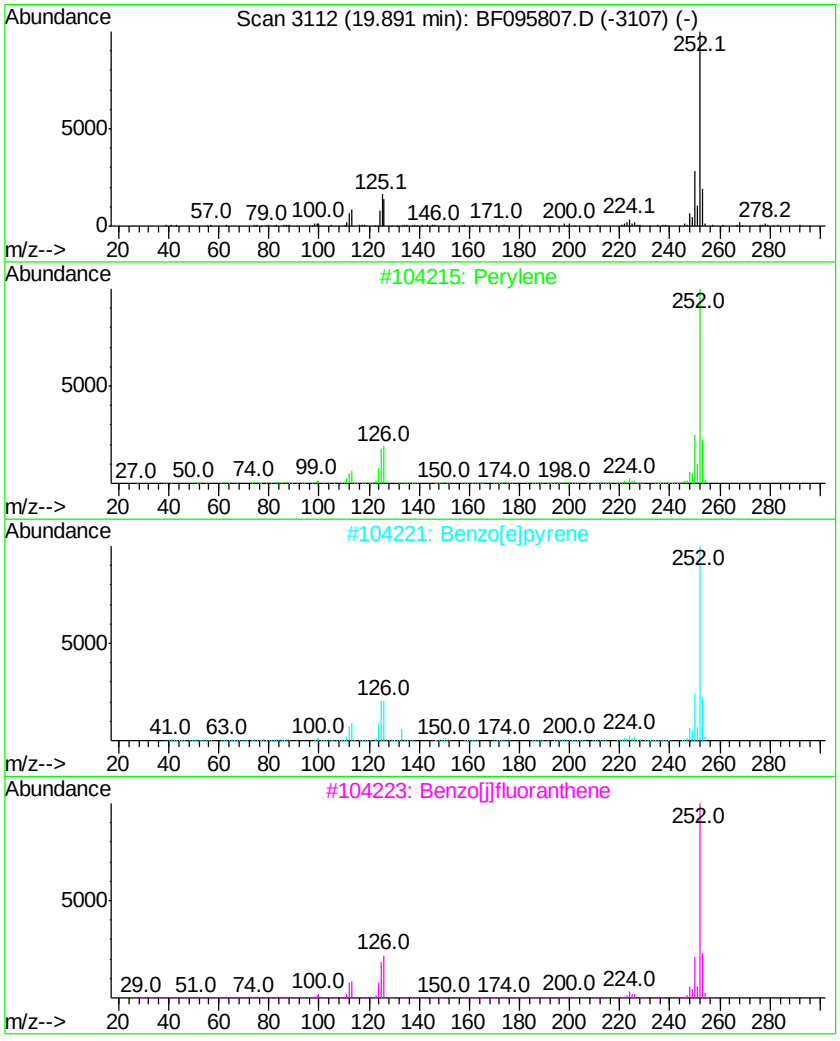
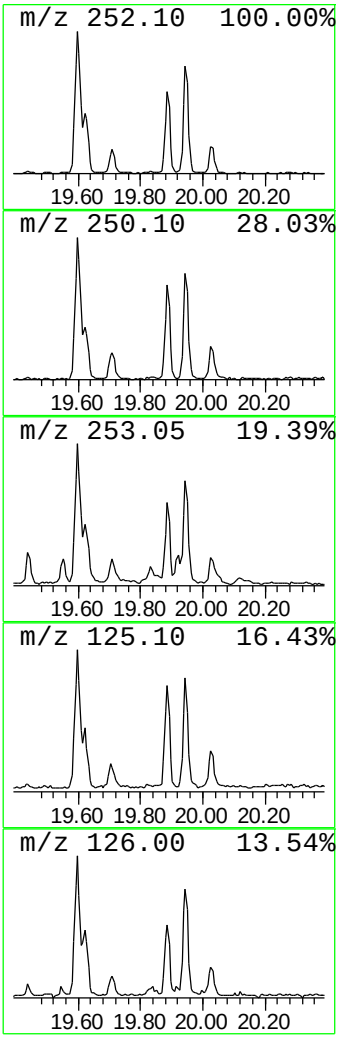
Peak Number 18 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	15.96 ng	240961	Perylene-d12	20.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	99
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	98
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96





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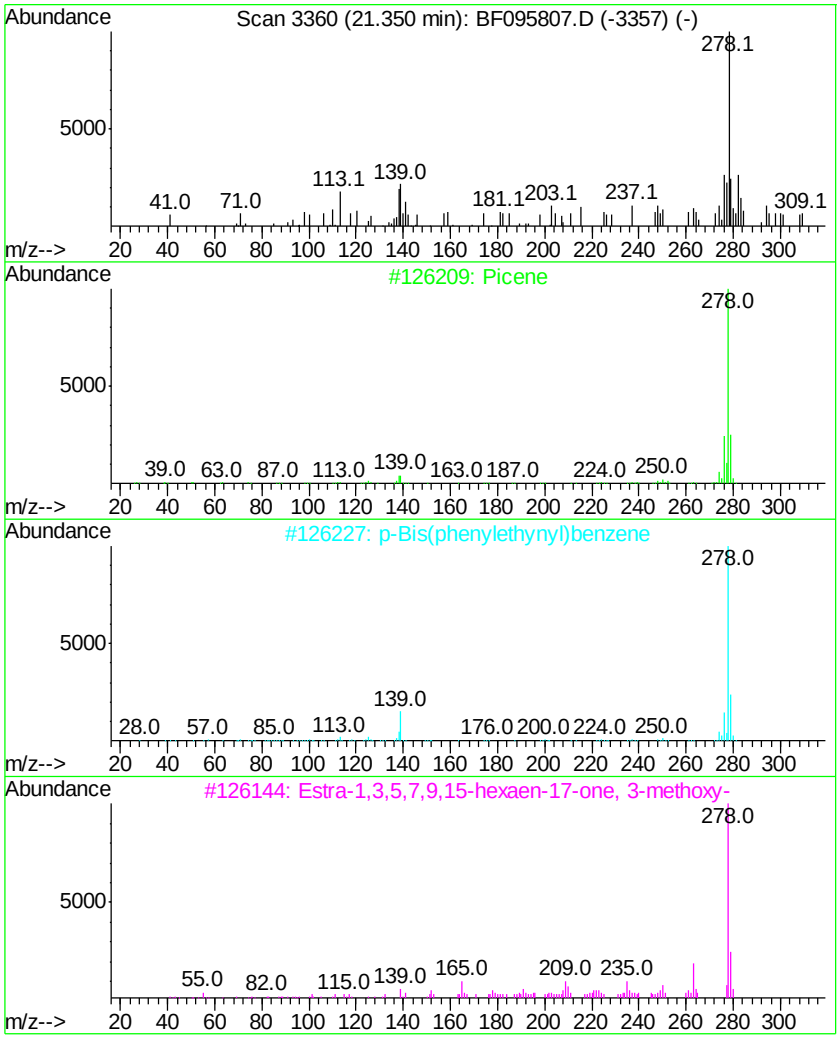
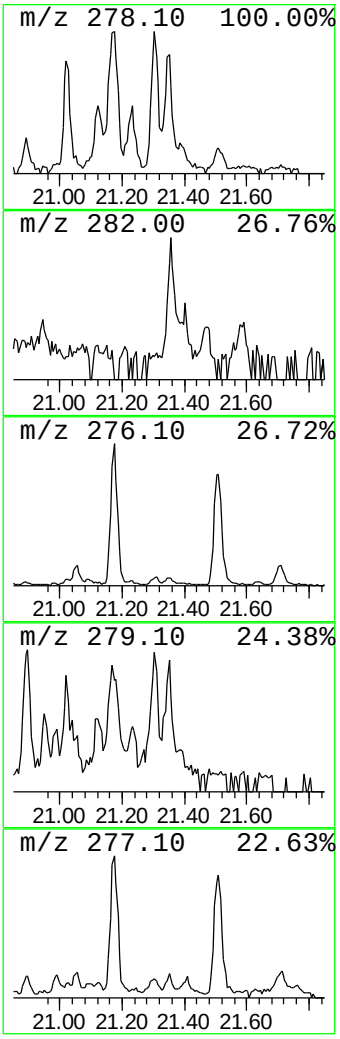
Peak Number 19 Picene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	2.85 ng	43113	Perylene-d12	20.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	47
2	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	46
3	Estra-1,3,5,7,9,15-hexaen-17-one...	278	C19H18O2	056588-53-5	46
4	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	46
5	1H-1,4-Benzodiazepine-2,5-dione,...	278	C17H14N2O2	031965-37-4	46





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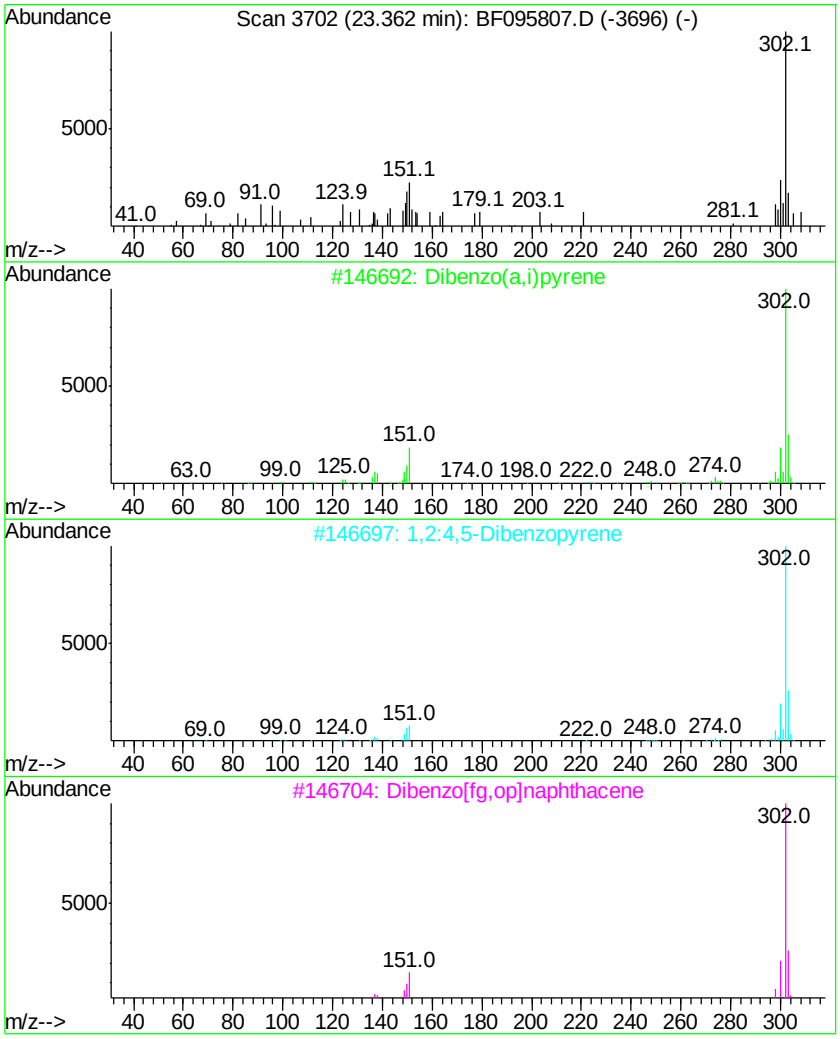
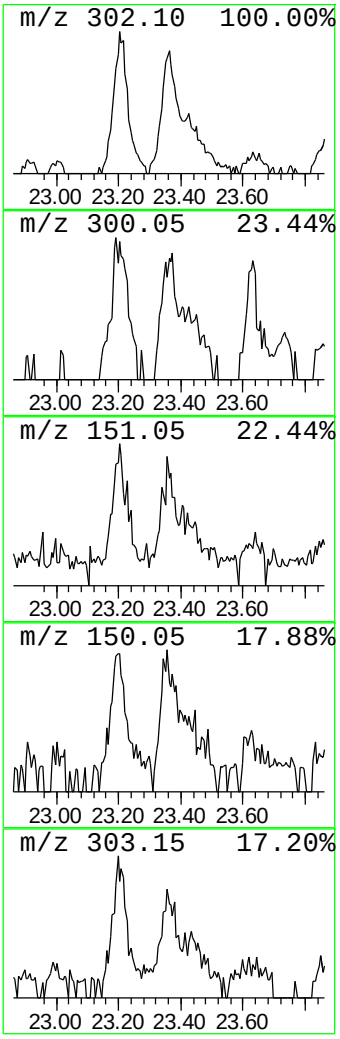
Peak Number 20 Dibenzo(a,i)pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	2.91 ng	43899	Perylene-d12	20.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	59
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	59
3	Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	53
4	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	52
5	2,4-Quinazolinediamine, 6-((4-ch...	302	C14H11ClN4S	051124-29-9	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060817\
Data File : BF095807.D
Acq On : 9 Jun 2017 3:59
Operator : SJ/MA
Sample : I3470-02 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-44-20170602

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
unknown7.03	7.03	18.9	ng	378326	1	7.37	401460	20.0
Phenanthrene, 2-m...	15.42	7.0	ng	168284	4	14.62	483023	20.0
1H-Cyclopropa[l]p...	15.46	7.7	ng	186258	4	14.62	483023	20.0
4H-Cyclopenta[def...	15.57	8.2	ng	198232	4	14.62	483023	20.0
Naphthalene, 2-ph...	15.87	4.0	ng	96215	4	14.62	483023	20.0
9,10-Anthracenedione	15.93	3.9	ng	93499	4	14.62	483023	20.0
Phenanthrene, 3,6...	16.23	6.0	ng	144844	4	14.62	483023	20.0
Cyclopenta(def)ph...	16.35	5.9	ng	141781	4	14.62	483023	20.0
11H-Benzo[b]fluorene	17.17	2.8	ng	140720	5	18.33	1007860	20.0
Fluoranthene, 2-m...	17.33	4.2	ng	211151	5	18.33	1007860	20.0
4-Pyrenecarbaldehyde	18.03	2.6	ng	133340	5	18.33	1007860	20.0
Triphenylene, 2-m...	18.83	3.0	ng	151393	5	18.33	1007860	20.0
1,1'-Binaphthalene	19.44	4.2	ng	62936	6	20.00	302049	20.0
Benzo[e]pyrene	19.71	4.7	ng	71565	6	20.00	302049	20.0
Perylene	19.89	16.0	ng	240961	6	20.00	302049	20.0
Picene	21.35	2.9	ng	43113	6	20.00	302049	20.0
Dibenzo(a,i)pyrene	23.36	2.9	ng	43899	6	20.00	302049	20.0