LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
Data File : BF094858.D
Acq On : 4 May 2017 4:02
Operator : SJ/MA
Sample : I2936-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-COMP(1-10FT)

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-BF050217.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	5.019	519	524	542	rBV	240943	443947	21.49%	1.571%
2	5.672	630	635	655	rBV	1034844	1583598	76.67%	5.605%
3	6.242	728	732	738	rBV	16555	22198	1.07%	0.079%
4	7.260	901	905	921	rBV	1099936	1586719	76.82%	5.616%
5	7.384	921	926	938	rVB	1380759	1744075	84.44%	6.173%
6	7.725	979	984	993	rBV	488940	566818	27.44%	2.006%
7	7.960	1019	1024	1035	rBV	1223998	1383355	66.97%	4.896%
8	8.619	1131	1136	1153	rBV	803253	1001639	48.49%	3.545%
9	9.742	1322	1327	1339	rBV	648707	760085	36.80%	2.690%
10	11.519	1623	1629	1642	rBV	1789072	2065566	100.00%	7.311%
11	12.207	1742	1746	1752	rBV	75803	91617	4.44%	0.324%
12	12.571	1803	1808	1814	rBV2	647661	818804	39.64%	2.898%
13	12.624	1814	1817	1822	rVB	48395	62971	3.05%	0.223%
14	13.007	1875	1882	1889	rVB5	14222	25046	1.21%	0.089%
15	13.418	1947	1952	1956	rBV3	35719	42728	2.07%	0.151%
16	13.471	1956	1961	1970	rVB2	68060	94667	4.58%	0.335%
17	13.560	1970	1976	1977	rBV4	14767	23521	1.14%	0.083%
18	13.742	2003	2007	2011	rBV	21939	28078	1.36%	0.099%
19	13.865	2023	2028	2038	rBV	767002	993255	48.09%	3.515%
20	14.101	2063	2068	2071	rVB6	13166	22309	1.08%	0.079%
21	14.195	2080	2084	2086	rBV2	29549	42110	2.04%	0.149%
22	14.371	2107	2114	2117	rBV2	31105	58239	2.82%	0.206%
23	14.413	2118	2121	2125	rVB3	18983	27496	1.33%	0.097%
24	14.495	2131	2135	2138	rVB5	14989	22532	1.09%	0.080%
25	14.595	2149	2152	2156	rBV5	15709	25827	1.25%	0.091%
26	14.771	2178	2182	2184	rBV5	15562	23383	1.13%	0.083%
27	14.807	2184	2188	2192	rVB	35426	40400	1.96%	0.143%
28	14.924	2204	2208	2211	rBV4	21620	30230	1.46%	0.107%
29	14.971	2211	2216	2219	rVV	584672	690643	33.44%	2.444%
30	15.007	2219	2222	2230	rVV	657447	768866	37.22%	2.721%
31	15.089	2230	2236	2245	rVB	248551	325528	15.76%	1.152%
32	15.189	2250	2253	2256	rBV4	17479	21900	1.06%	0.078%
33	15.377	2278	2285	2290	rBV5	16972	36284	1.76%	0.128%
34	15.460	2296	2299	2302	rBV	27633	26301	1.27%	0.093%

LSC Area Percent Report

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Acq On : 4 May 2017 4:02
Operator : SJ/MA
Sample : I2936-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-COMP(1-10FT)

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.495	2302	2305	2310	rVB2	30166	32518	1.57%	0.115%
36	15.618	2323	2326	2330	rVB3	18451	25815	1.25%	0.091%
37	15.754	2345	2349	2352	rBV	133957	139088	6.73%	0.492%
38	15.795	2352	2356	2362	rVB	162476	193367	9.36%	0.684%
39	15.865	2364	2368	2371	rBV	68643	83703	4.05%	0.296%
40	15.901	2371	2374	2378	rVV2	207794	269059	13.03%	0.952%
41	15.942	2378	2381	2385	rVB2	121606	153840	7.45%	0.544%
42	16.195	2421	2424	2428	rBV	79855	83807	4.06%	0.297%
43	16.236	2428	2431	2434	rVB	35011	32776	1.59%	0.116%
44	16.407	2456	2460	2464	rBV2	24346	37425	1.81%	0.132%
45	16.454	2465	2468	2471	rVV2	29346	27548	1.33%	0.098%
46	16.548	2480	2484	2488	rBV	80939	113493	5.49%	0.402%
47	16.595	2488	2492	2495	rVV3	58878	88668	4.29%	0.314%
48	16.624	2495	2497	2500	rVV	31377	27899	1.35%	0.099%
49	16.659	2500	2503	2510	rVV3	58349	95461	4.62%	0.338%
50	16.754	2511	2519	2524	rBV	1257154	1390188	67.30%	4.920%
51	16.795	2524	2526	2532	rVB2	35077	41462	2.01%	0.147%
52	16.848	2532	2535	2538	rBV4	45411	52372	2.54%	0.185%
53	16.948	2549	2552	2558	rBV2	46852	62449	3.02%	0.221%
54	17.054	2563	2570	2574	rVV	1214715	1422774	68.88%	5.036%
55	17.095	2574	2577	2580	rVV	35253	46723	2.26%	0.165%
56	17.136	2580	2584	2587	rVV2	39872	59380	2.87%	0.210%
57	17.171	2587	2590	2595	rVB3	25584	38455	1.86%	0.136%
58	17.236	2598	2601	2606	rVV	57810	66854	3.24%	0.237%
59	17.295	2606	2611	2618	rVV	1250543	1459932	70.68%	5.167%
60	17.377	2621	2625	2630	rVB2	70323	100361	4.86%	0.355%
61	17.483	2639	2643	2645	rBV2	62458	84309	4.08%	0.298%
62	17.512	2645	2648	2654	rVB	189896	211284	10.23%	0.748%
63	17.565	2655	2657	2659	rBV2	18652	21279	1.03%	0.075%
64	17.601	2659	2663	2667	rVB	184777	184621	8.94%	0.653%
65	17.648	2667	2671	2678	rBV2	136274	221658	10.73%	0.785%
66	17.759	2687	2690	2694	rVB	75327	84470	4.09%	0.299%
67	17.801	2694	2697	2702	rBV	55933	73922	3.58%	0.262%
68	17.995	2727	2730	2734	rBV	291961	274233	13.28%	0.971%
69	18.153	2755	2757	2759	rBV2	26884	27886	1.35%	0.099%
70	18.312	2781	2784	2787	rBV	70264	89440	4.33%	0.317%
71	18.348	2787	2790	2793	rVV	85863	104749	5.07%	0.371%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I2936-05 2X
Misc :
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Instrument : BNA_F
ClientSampleId : TP2-COMP(1-10FT)

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-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.377	2793	2795	2798	rVV	80755	78340	3.79%	0.277%
73	18.412	2798	2801	2805	rVB2	59680	75472	3.65%	0.267%
74	18.459	2805	2809	2813	rBV	56182	67219	3.25%	0.238%
75	18.630	2833	2838	2842	rBV2	739349	1213059	58.73%	4.293%
76	18.671	2842	2845	2849	rVB	526347	549941	26.62%	1.946%
77	18.765	2857	2861	2866	rBV2	106591	135963	6.58%	0.481%
78	18.836	2871	2873	2877	rVV3	38603	44376	2.15%	0.157%
79	18.906	2882	2885	2890	rVB	79077	94013	4.55%	0.333%
80	18.953	2890	2893	2899	rBV2	45066	62524	3.03%	0.221%
81	19.095	2914	2917	2918	rBV	45707	36588	1.77%	0.129%
82	19.142	2922	2925	2929	rVV	106335	126528	6.13%	0.448%
83	19.183	2929	2932	2934	rVB	54881	54553	2.64%	0.193%
84	19.253	2942	2944	2947	rVB2	76433	67696	3.28%	0.240%
85	19.289	2947	2950	2952	rBV2	48507	65338	3.16%	0.231%
86	19.900	3050	3054	3057	rBV	476402	691343	33.47%	2.447%
87	20.006	3070	3072	3077	rVB	92472	100581	4.87%	0.356%
88	20.189	3100	3103	3107	rBV	252017	275914	13.36%	0.977%
89	20.247	3110	3113	3119	rBV	417037	468755	22.69%	1.659%
90	20.306	3119	3123	3126	rBV	404762	468095	22.66%	1.657%
91	20.336	3126	3128	3131	rVB	95679	87564	4.24%	0.310%
92	21.594	3337	3342	3349	rVB2	153371	257234	12.45%	0.910%
93	21.971	3401	3406	3415	rVB	103790	208559	10.10%	0.738%

Sum of corrected areas: 28253658

LSC Report - Integrated Chromatogram

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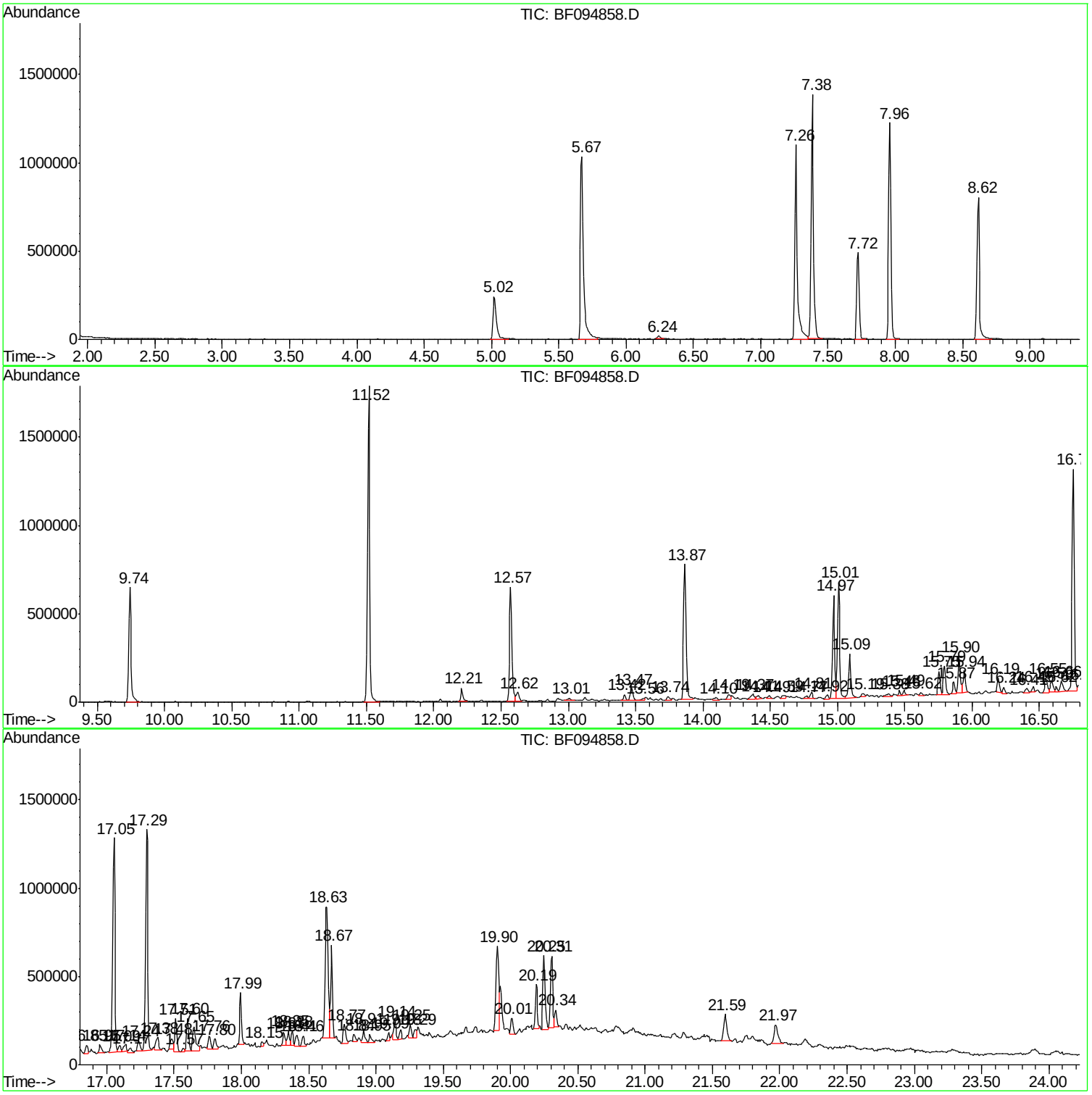
Data File : BF094858.D
Acq On : 4 May 2017 4:02
Operator : SJ/MA
Sample : I2936-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-COMP(1-10FT)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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\BF050317\
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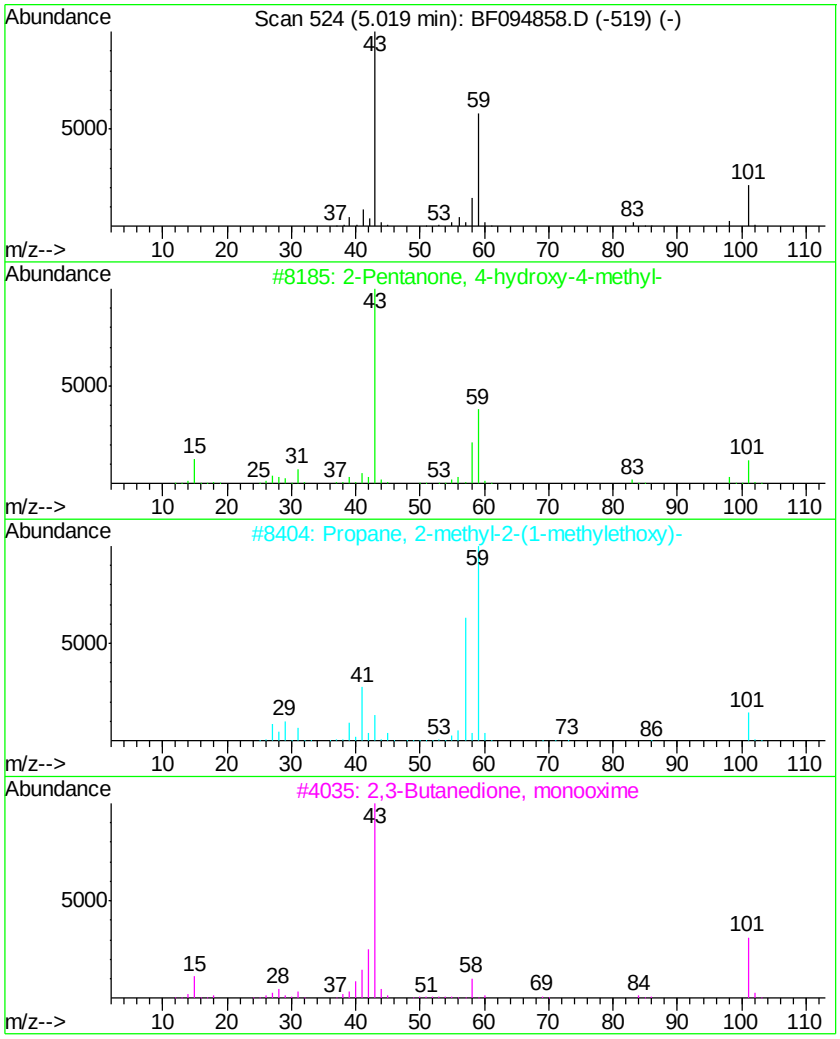
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

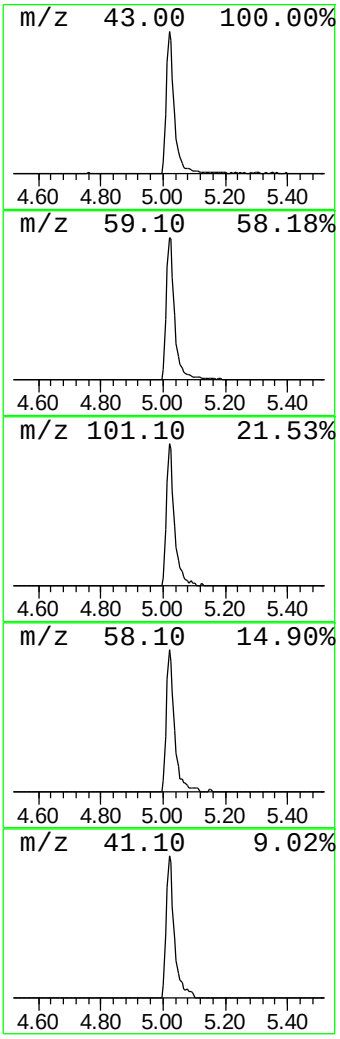
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	15.66 ng	443947	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BF094858.D
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Sample : I2936-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-COMP(1-10FT)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

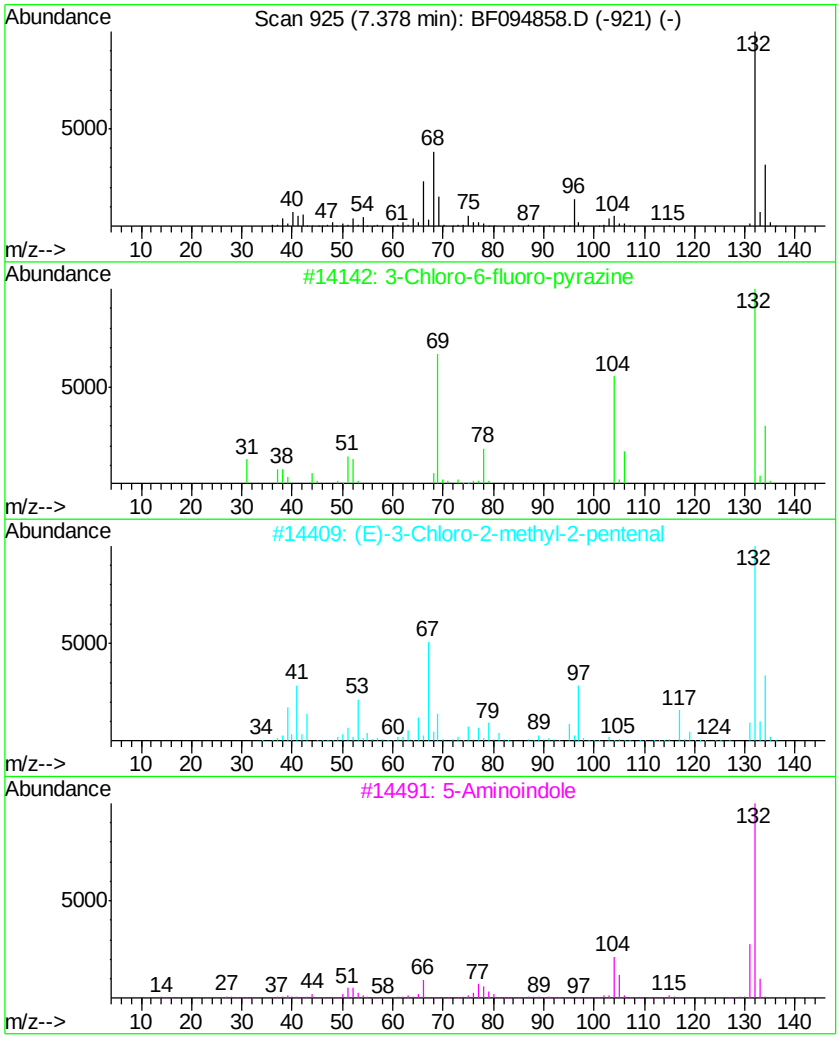
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

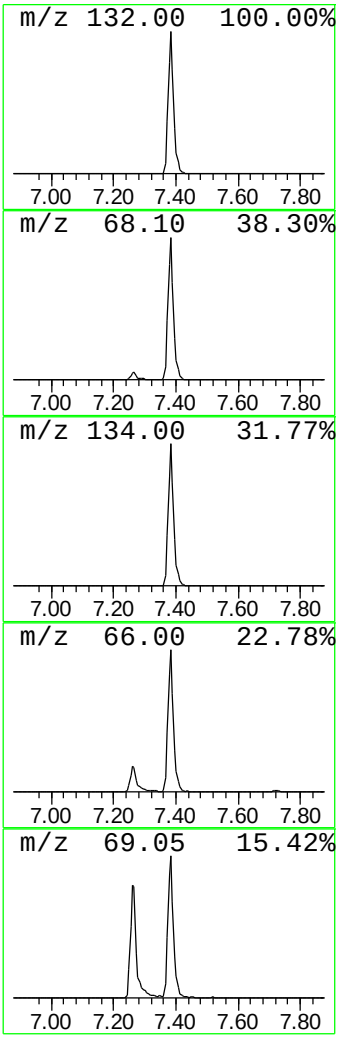
****

Peak Number 2 unknown7.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	61.54 ng	1744080	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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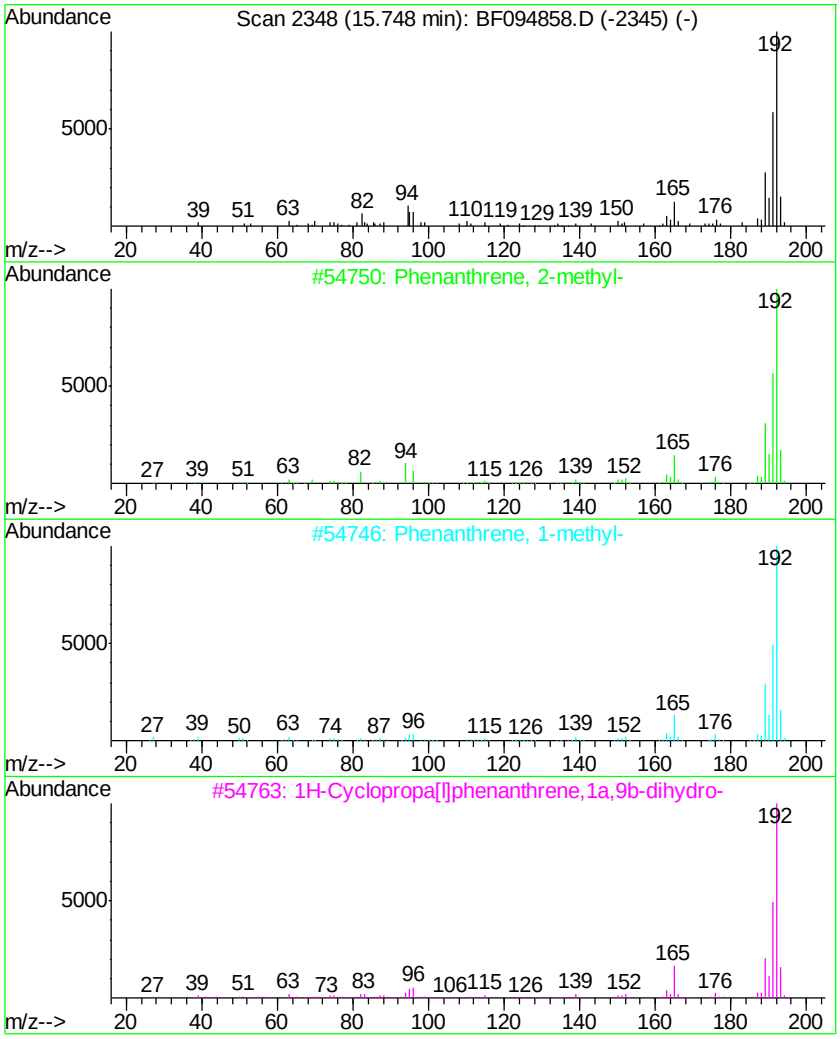
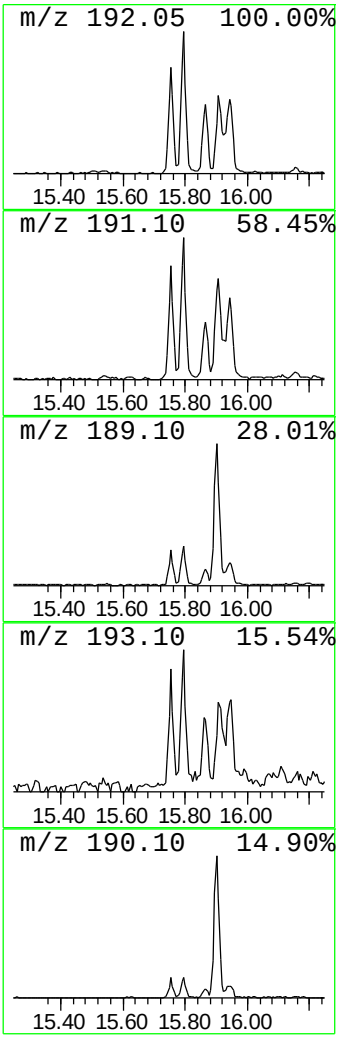
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	4.03 ng	139088	Phenanthrene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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

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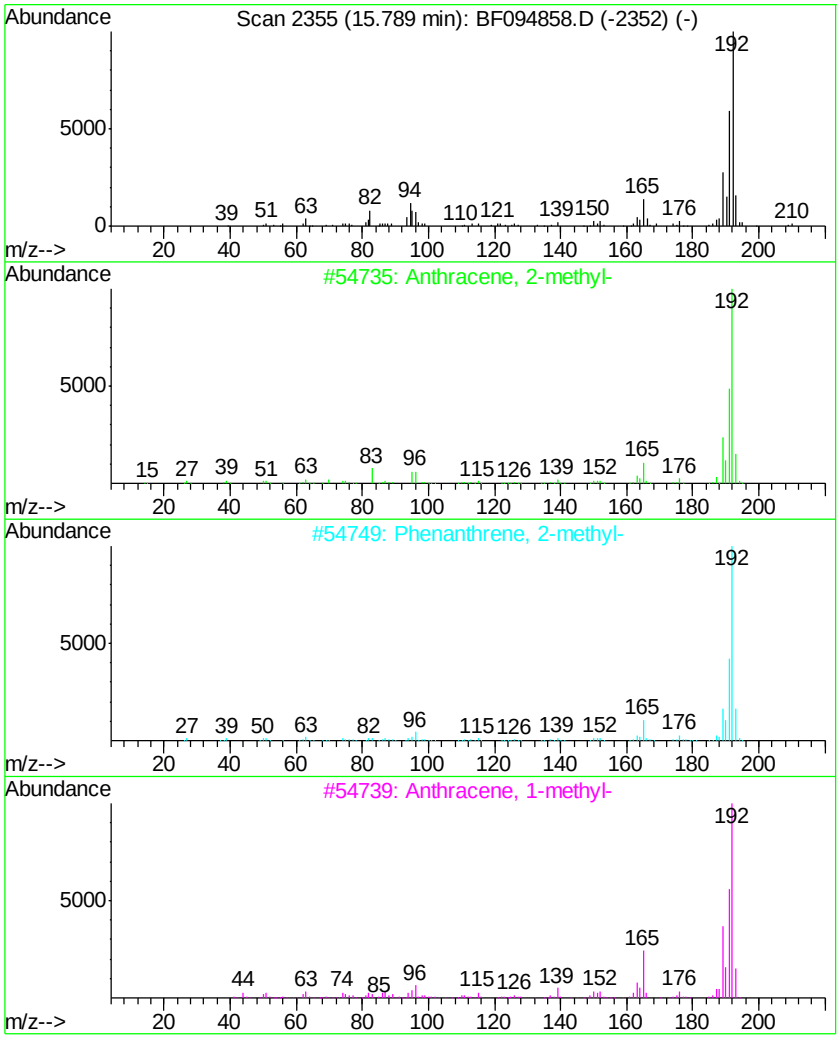
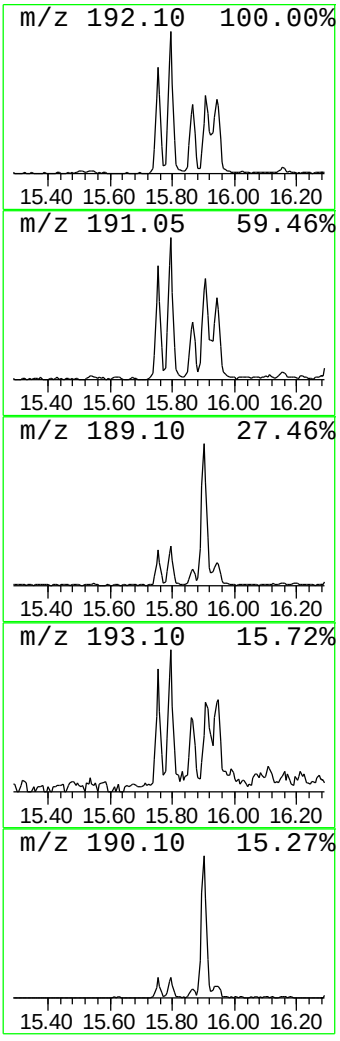
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	5.60 ng	193367	Phenanthrene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Data File : BF094858.D
Acq On : 4 May 2017 4:02
Operator : SJ/MA
Sample : I2936-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-COMP(1-10FT)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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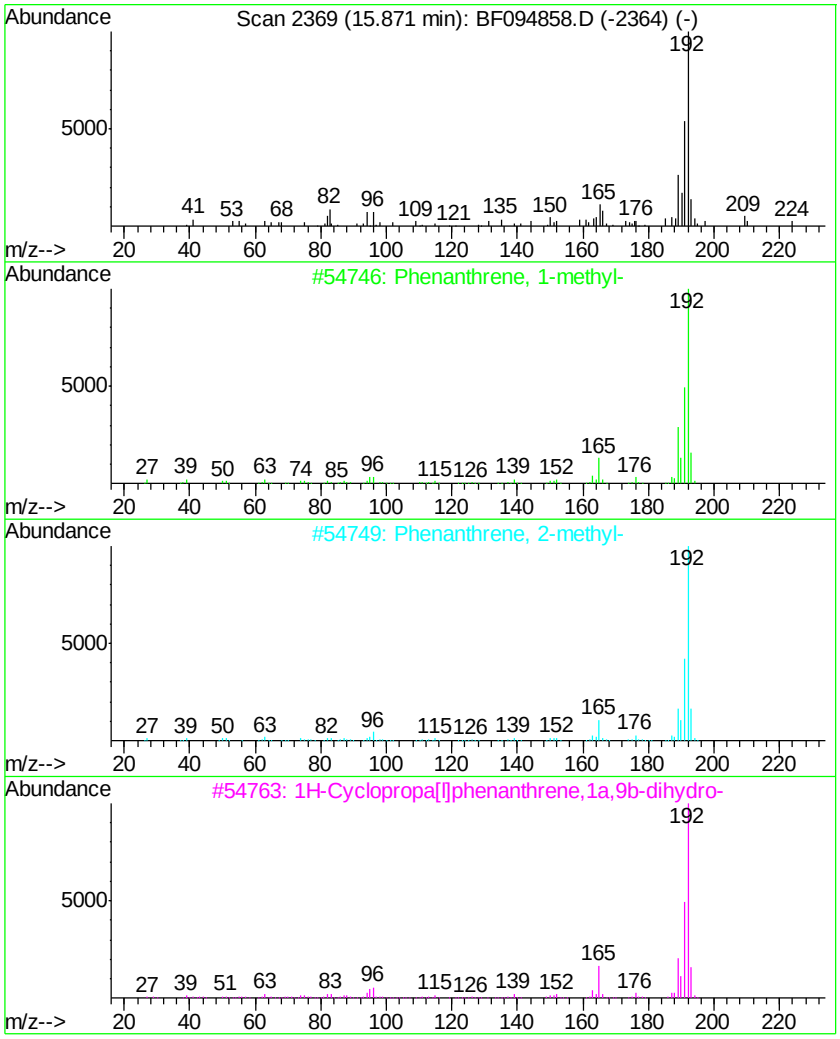
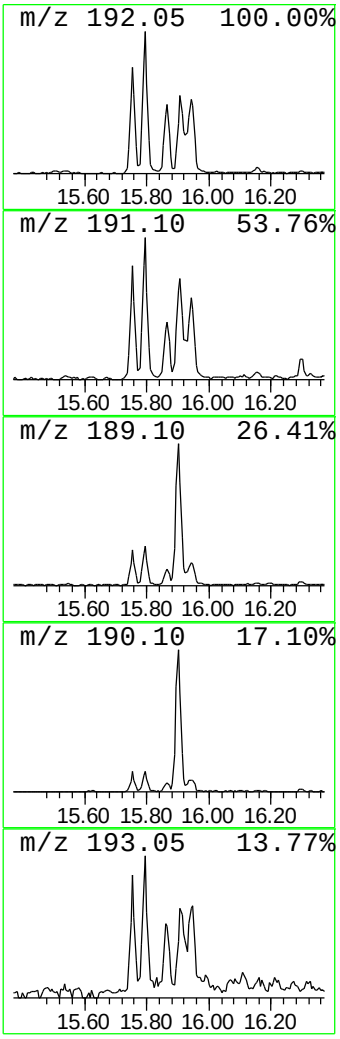
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.42 ng	83703	Phenanthrene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
Data File : BF094858.D
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Operator : SJ/MA
Sample : I2936-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-COMP(1-10FT)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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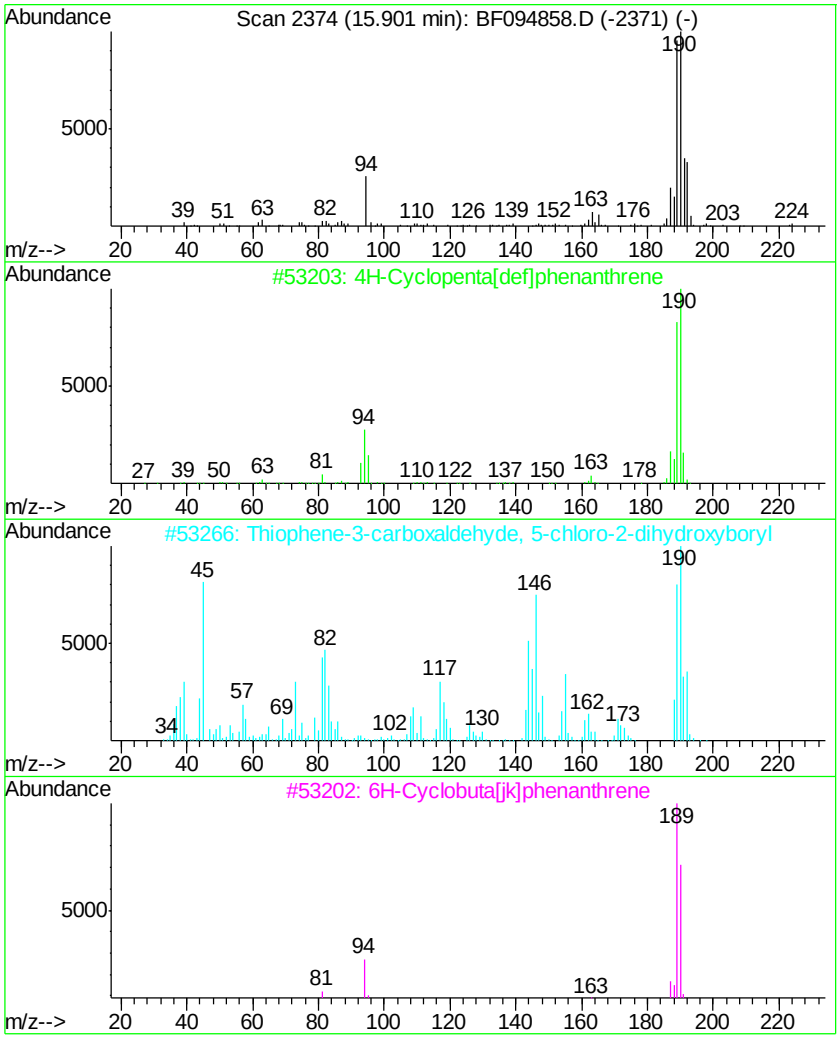
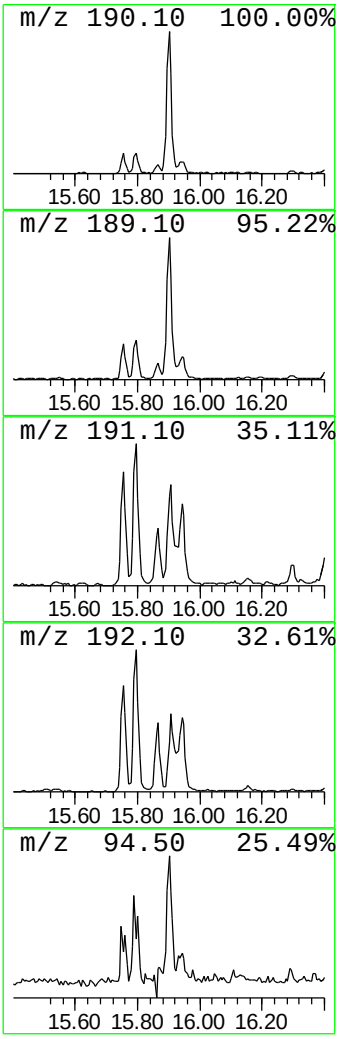
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	7.79 ng	269059	Phenanthrene-d10	14.97

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	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Methyl diselenide	190	C2H6Se2	007101-31-7	35





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Operator : SJ/MA
Sample : I2936-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-COMP(1-10FT)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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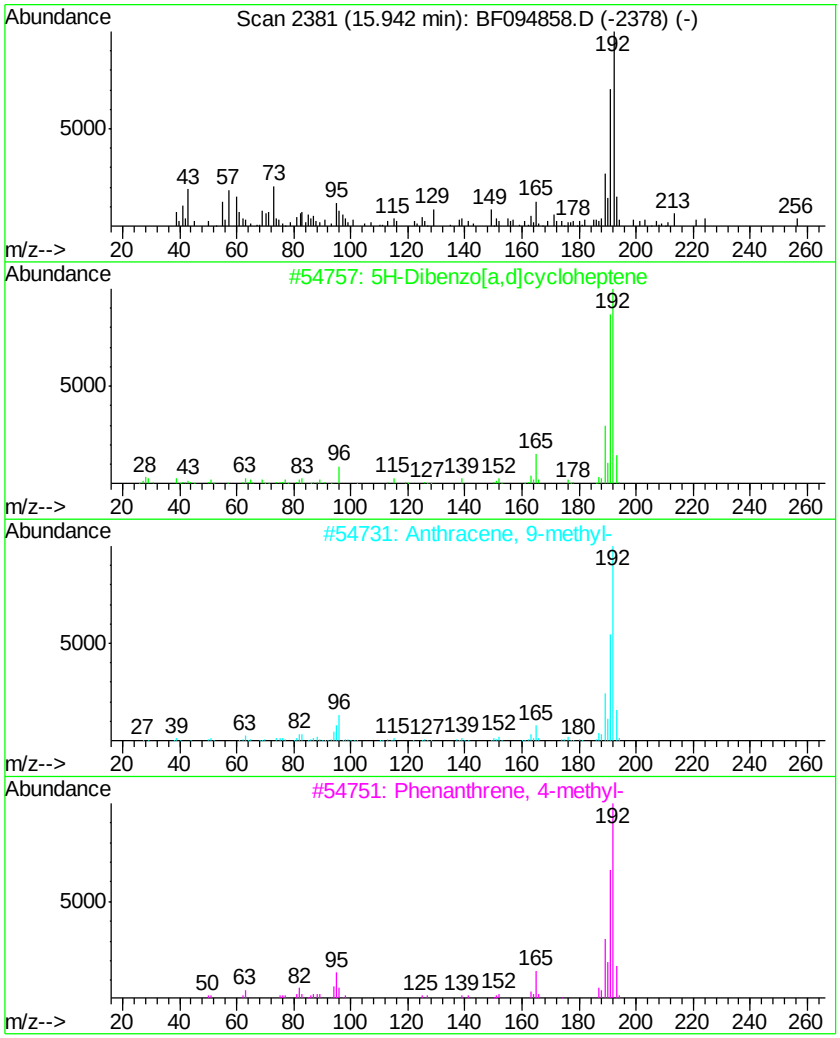
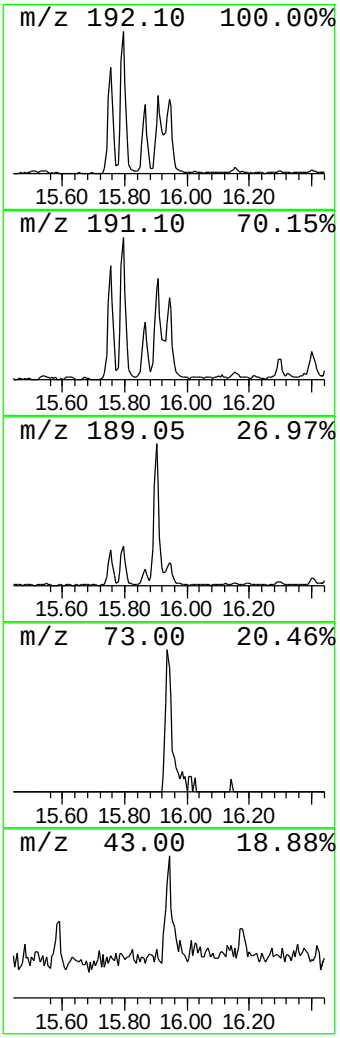
Peak Number 9 5H-Dibenzo[a,d]cycloheptene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	4.45 ng	153840	Phenanthrene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	70





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

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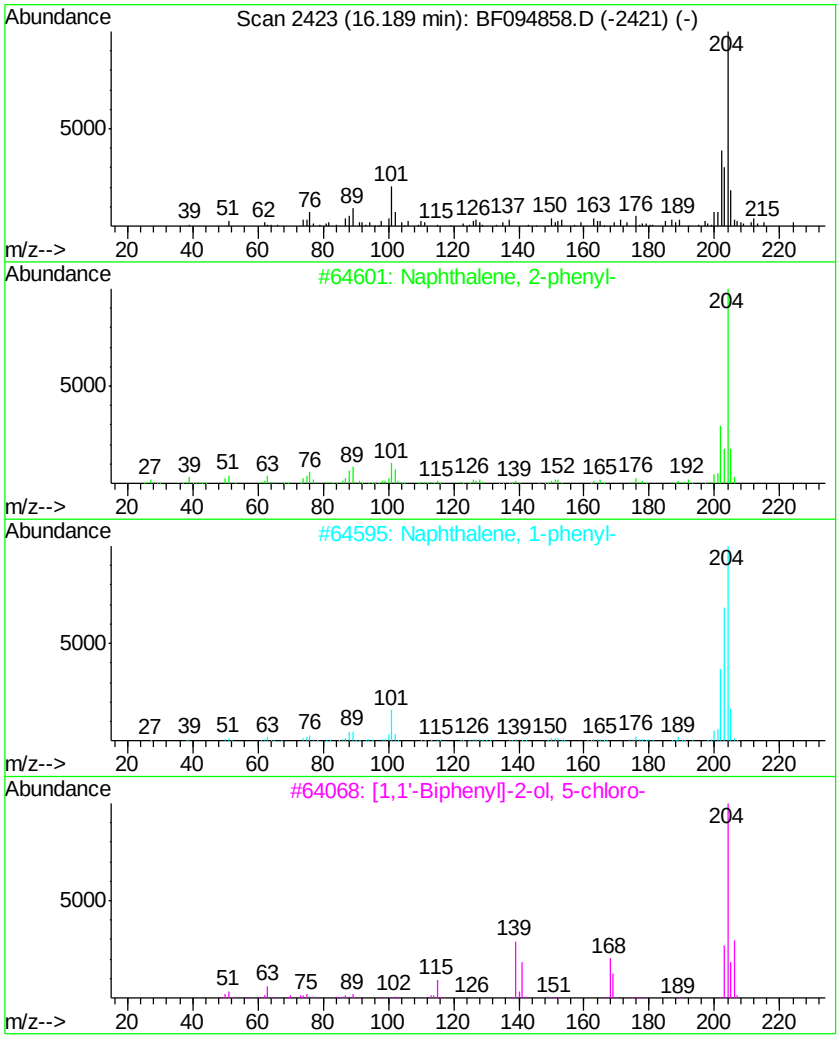
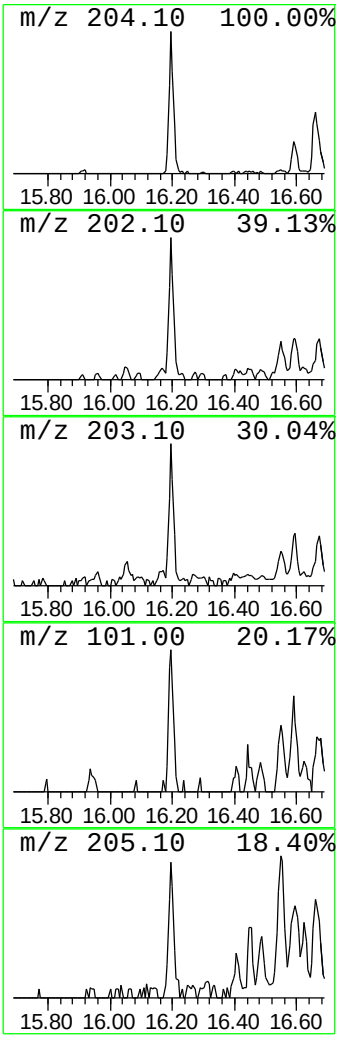
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	2.43 ng	83807	Phenanthrene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	53
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	52





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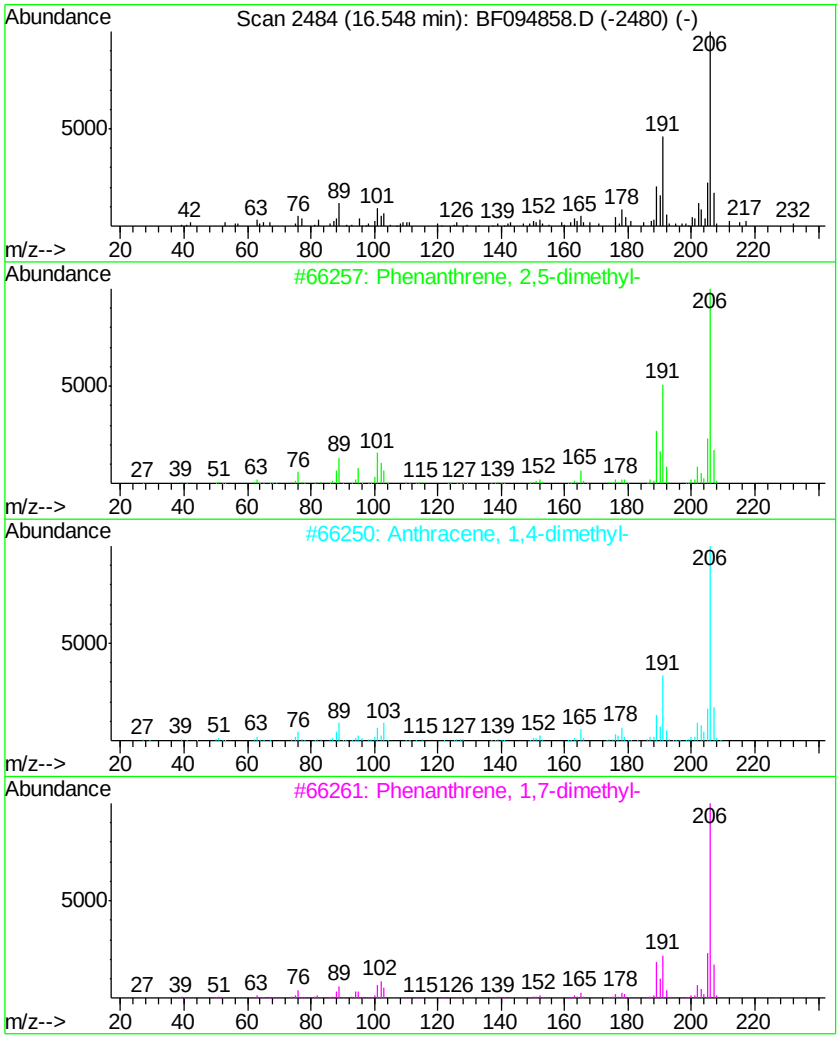
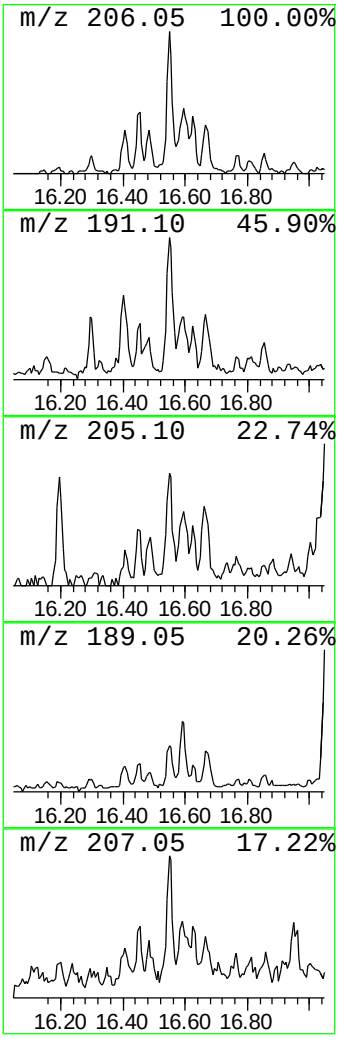
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	3.29 ng	113493	Phenanthrene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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ClientSampleId : TP2-COMP(1-10FT)

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

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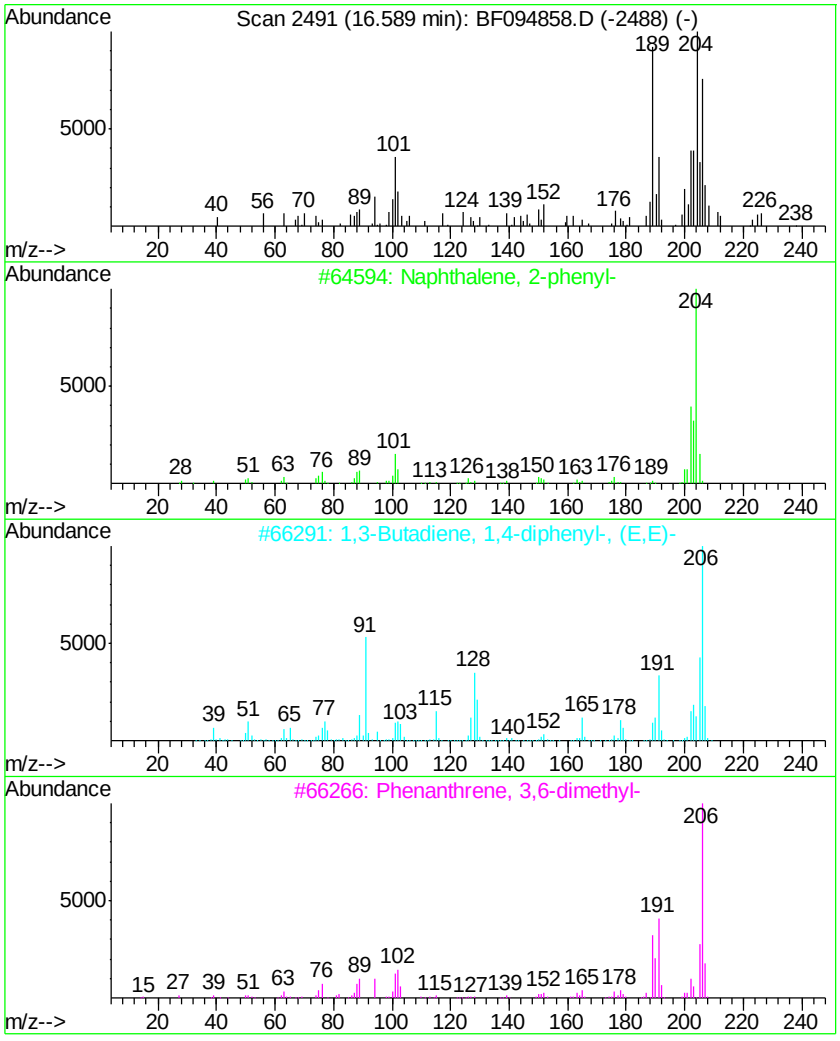
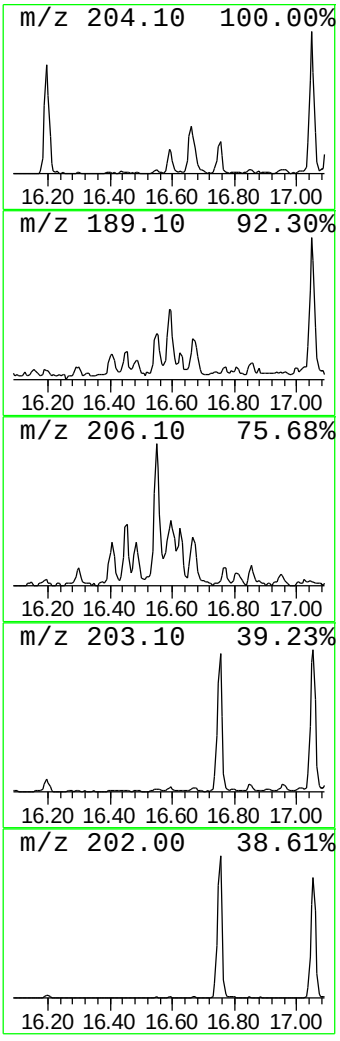
Peak Number 12 unknown16.59 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	2.57 ng	88668	Phenanthrene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
2	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	30
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	30
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	27





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TIC Integration Parameters: LSCINT.P

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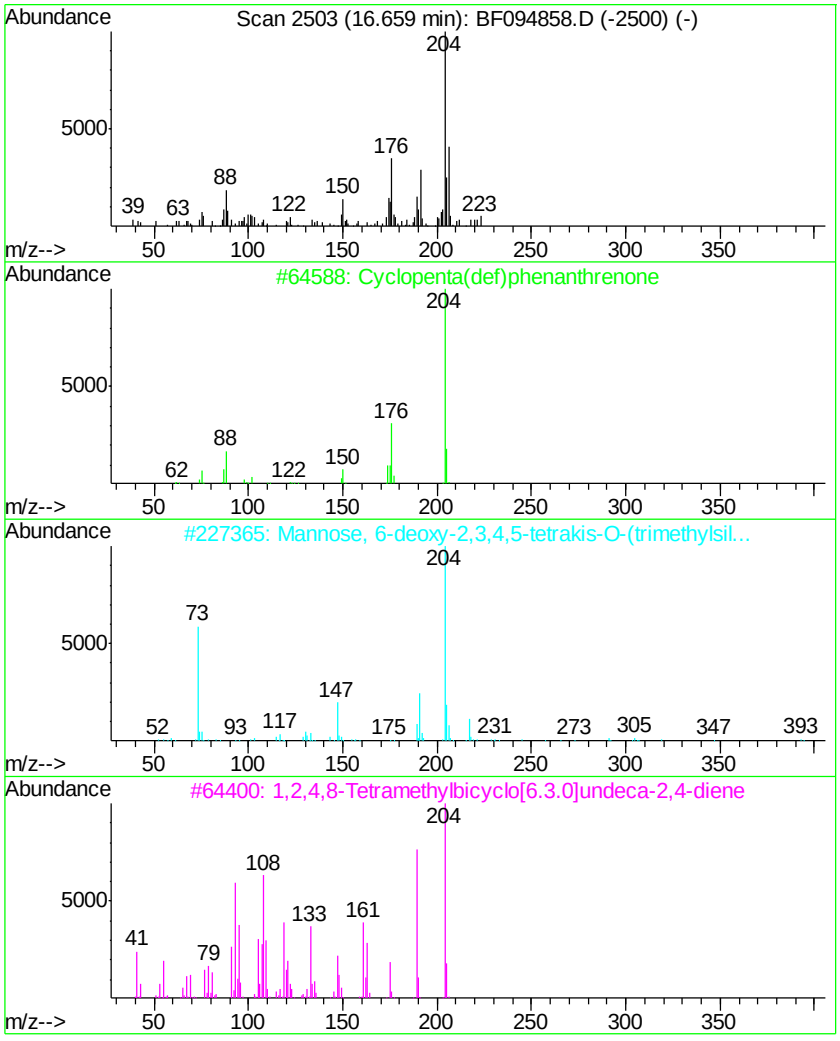
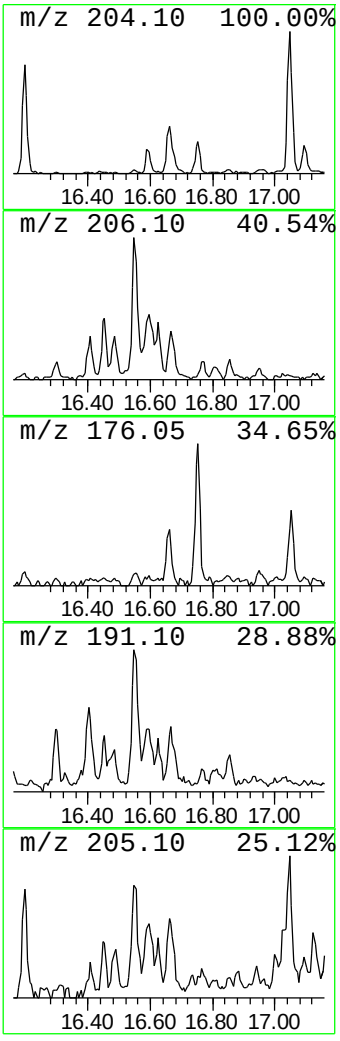
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	2.76 ng	95461	Phenanthrene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	50
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	49





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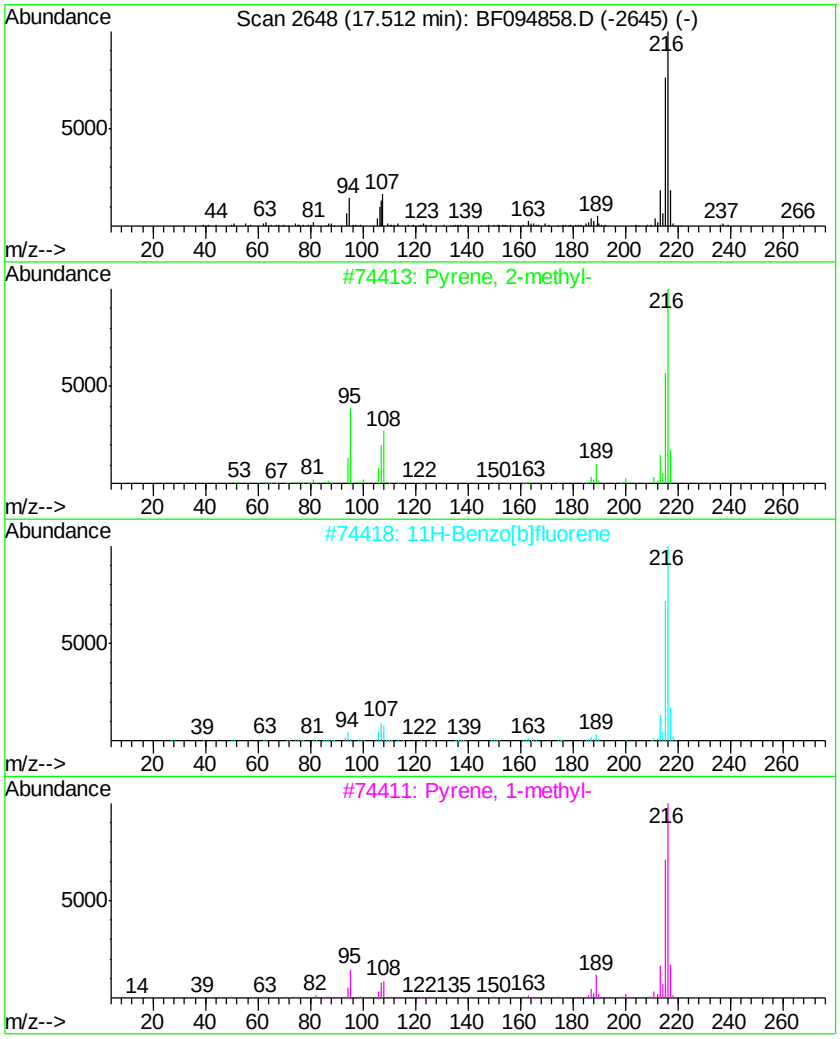
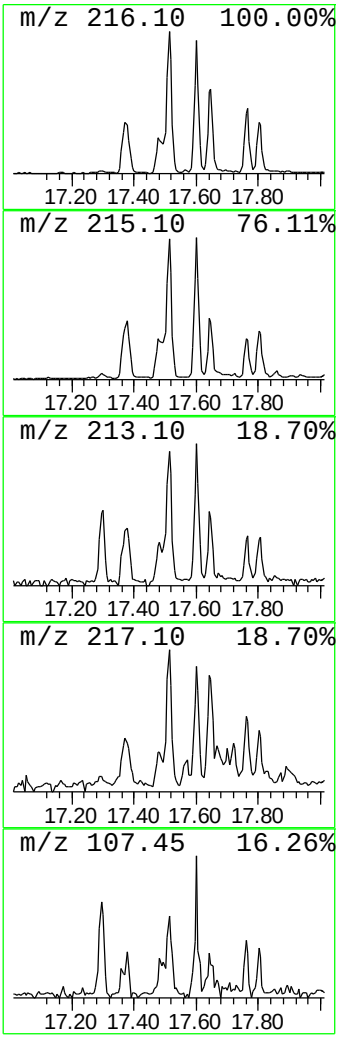
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	3.48 ng	211284	Chrysene-d12	18.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId : TP2-COMP(1-10FT)

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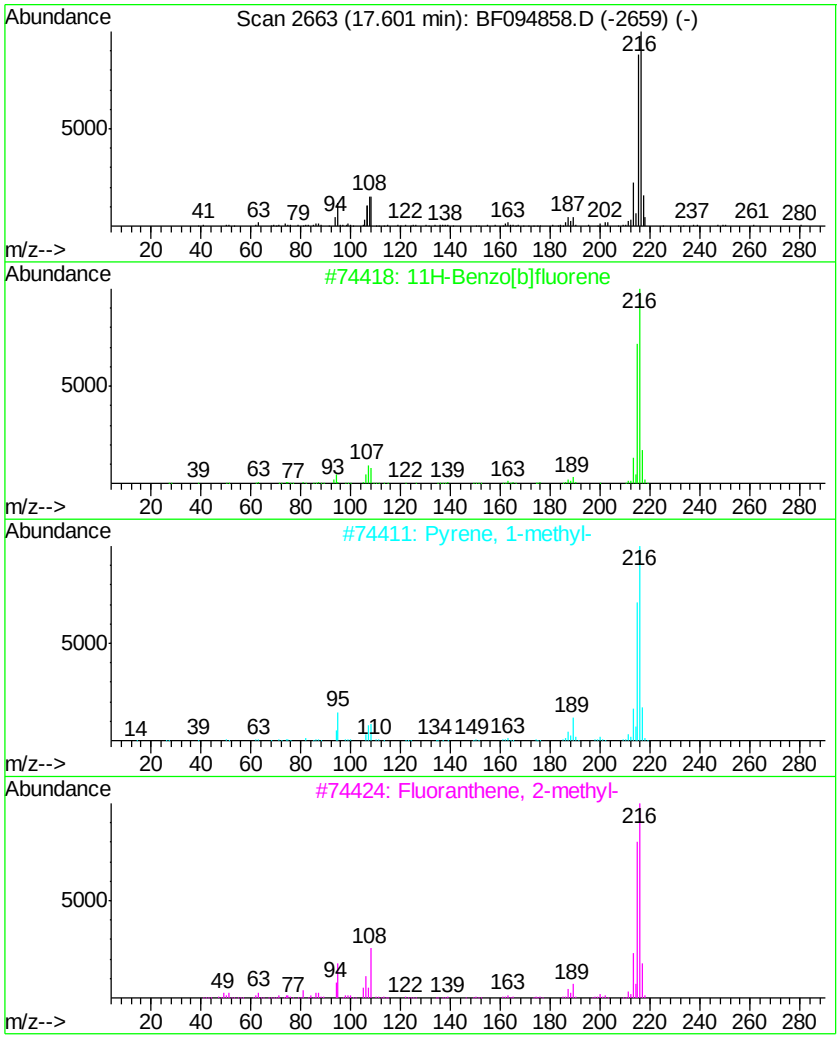
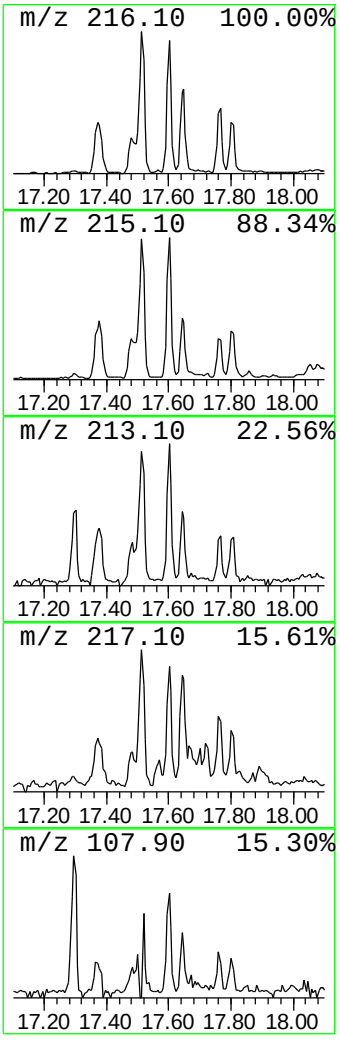
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	3.04 ng	184621	Chrysene-d12	18.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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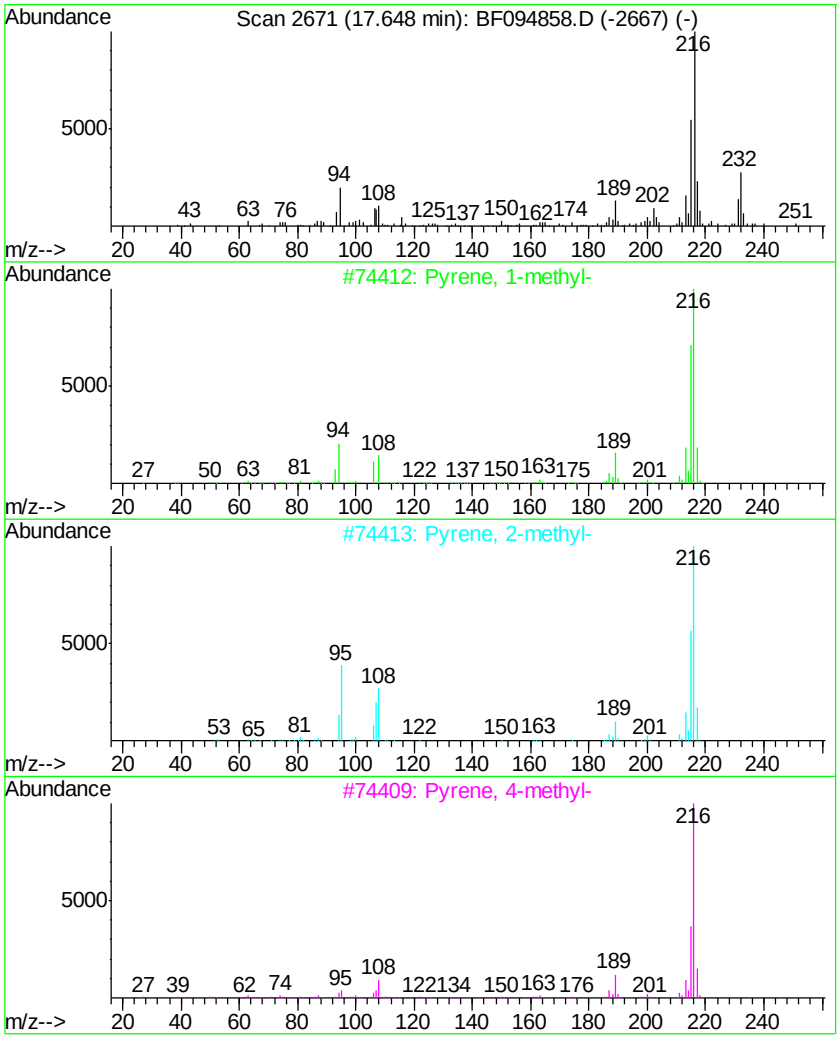
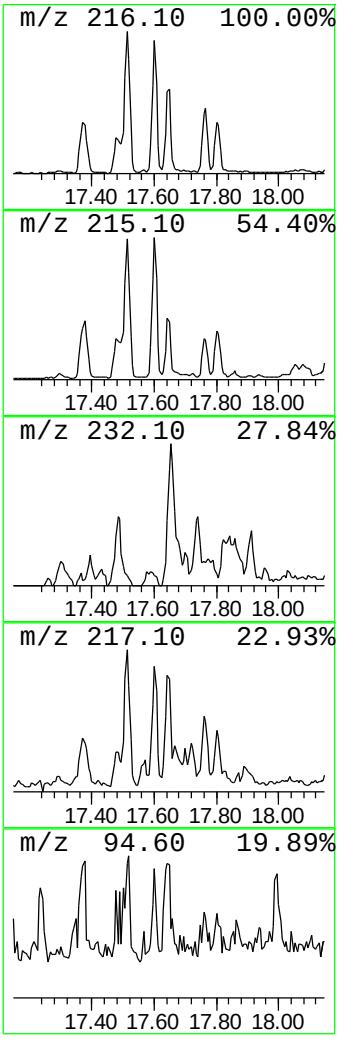
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	3.65 ng	221658	Chrysene-d12	18.64

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	92
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60





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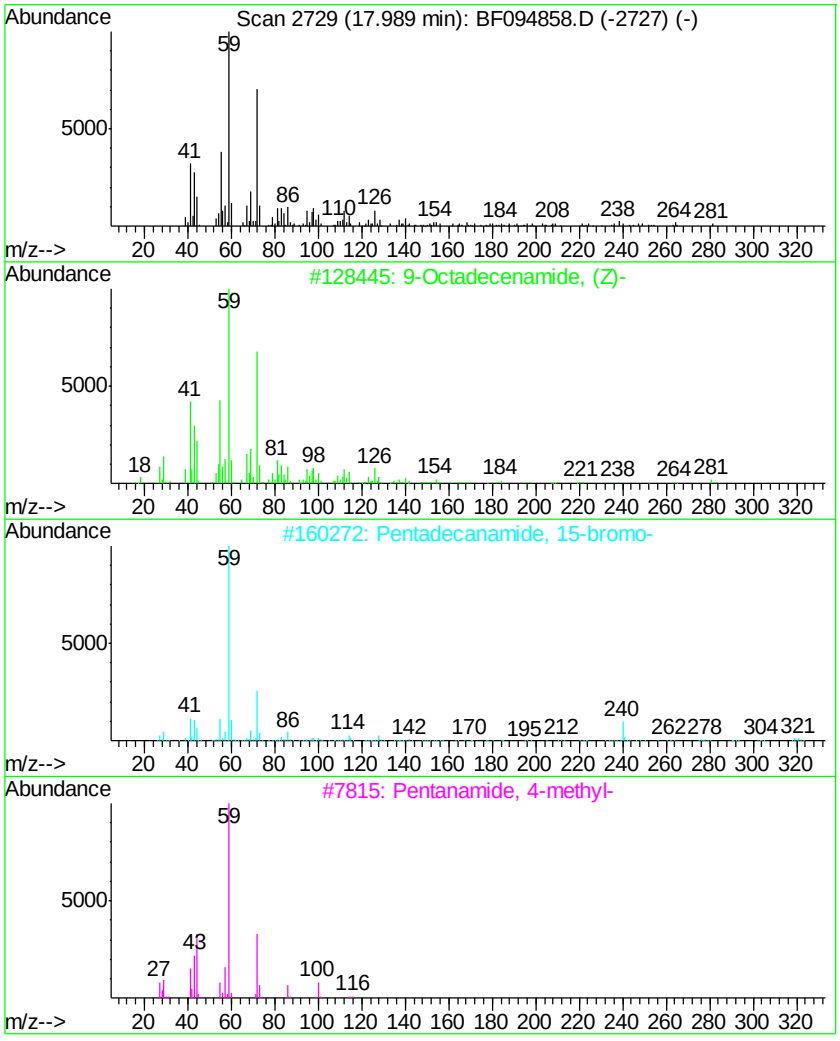
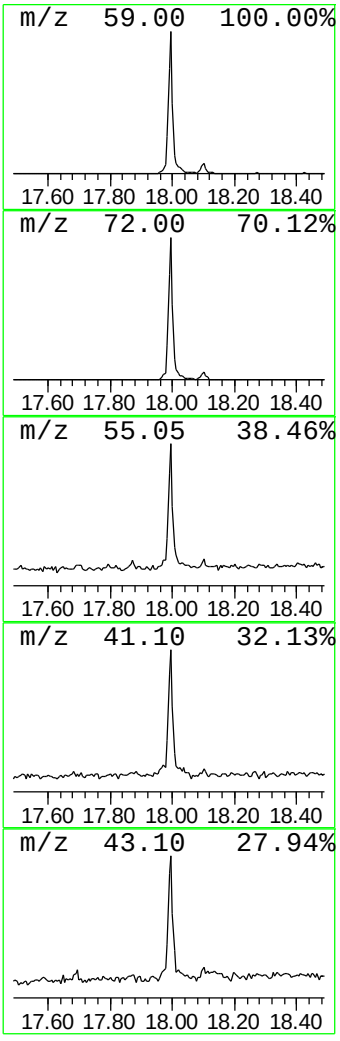
Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.52 ng	274233	Chrysene-d12	18.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	99
2	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	72
3	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50
4	Nonadecanamide	297	C19H39NO	058185-32-3	50
5	2-Hydroxy-2,4-dimethyl-hept-6-en...	156	C9H16O2	1000192-56-0	43





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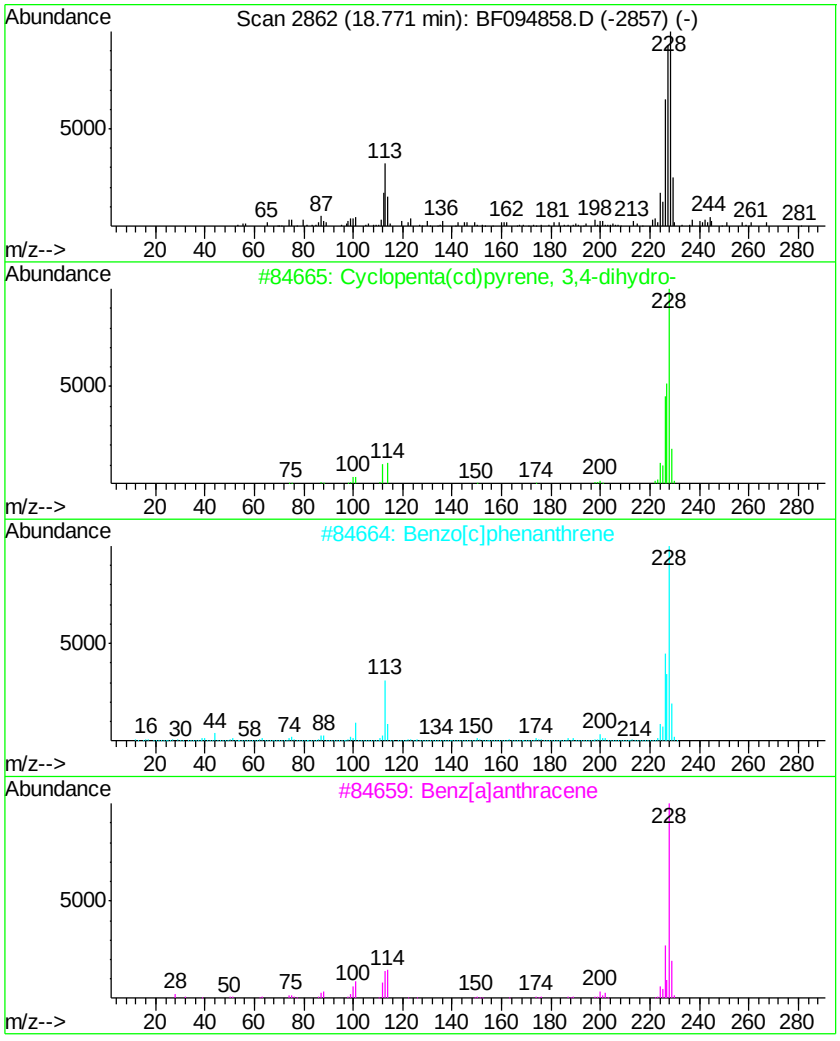
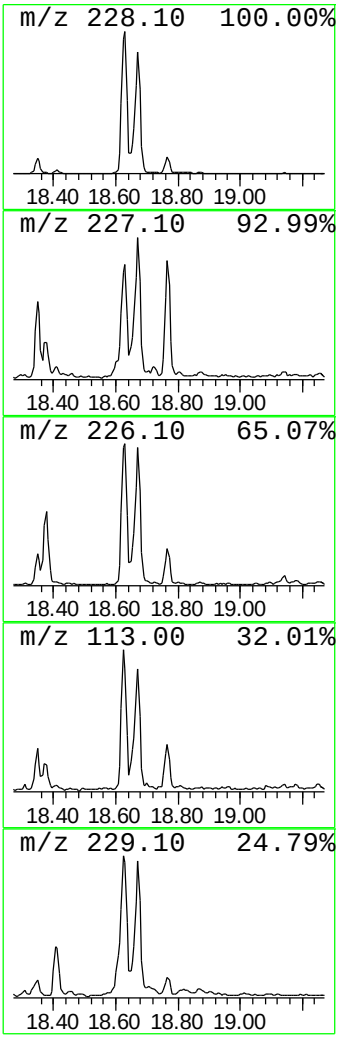
Peak Number 18 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.24 ng	135963	Chrysene-d12	18.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	45
3	Benz[a]anthracene	228	C18H12	000056-55-3	42
4	Triphenylene	228	C18H12	000217-59-4	41
5	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	38





Library Search Compound Report

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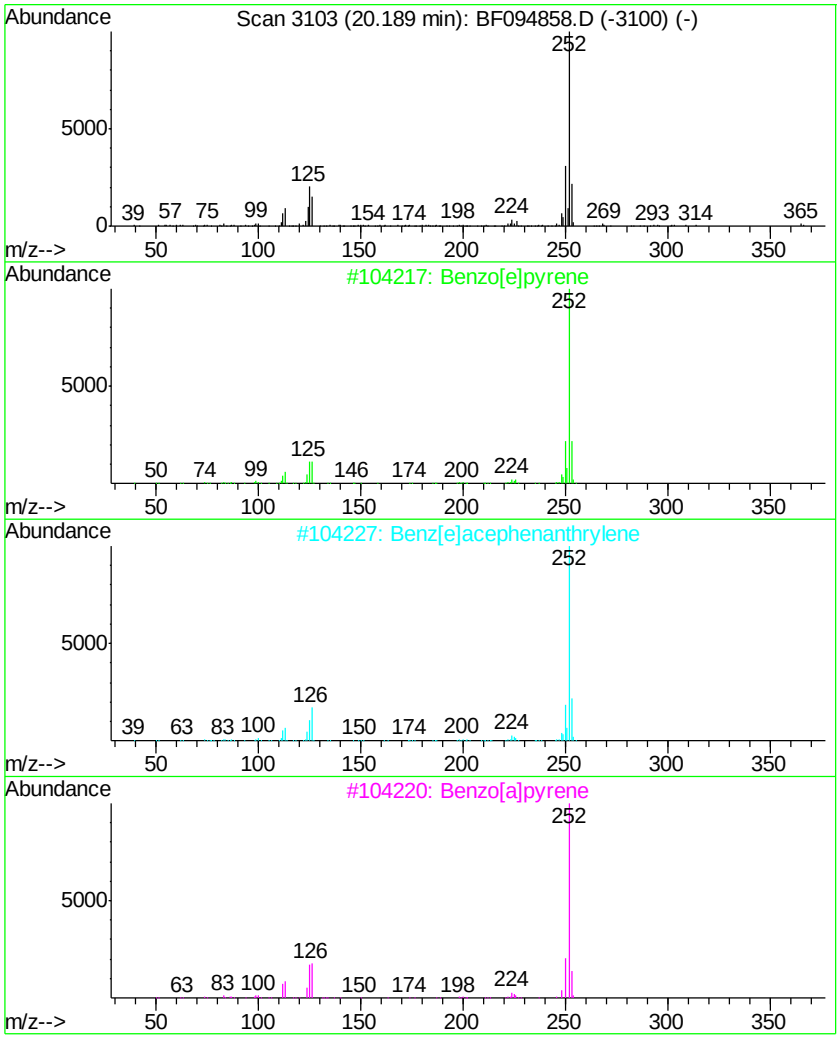
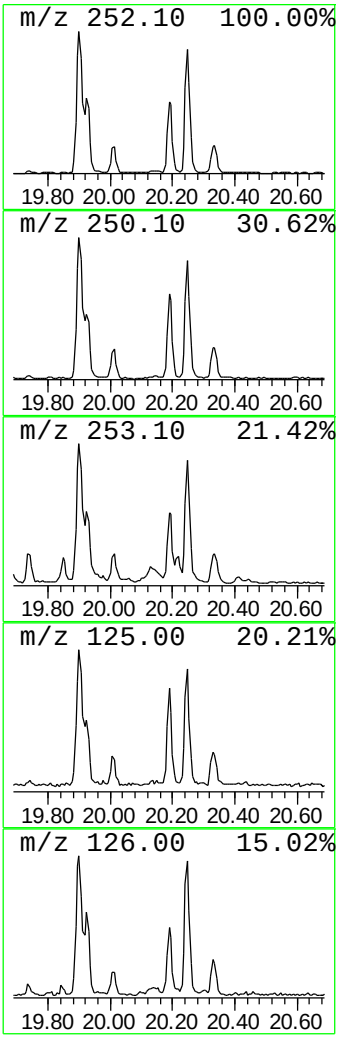
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	11.79 ng	275914	Perylene-d12	20.31

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
Data File : BF094858.D
Acq On : 4 May 2017 4:02
Operator : SJ/MA
Sample : I2936-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-COMP(1-10FT)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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
2-Pentanone, 4-hy...	5.02	15.7	ng	443947	1	7.72	566818	20.0
unknown7.38	7.38	61.5	ng	1744080	1	7.72	566818	20.0
Phenanthrene, 2-m...	15.75	4.0	ng	139088	4	14.97	690643	20.0
Anthracene, 2-met...	15.79	5.6	ng	193367	4	14.97	690643	20.0
Phenanthrene, 1-m...	15.87	2.4	ng	83703	4	14.97	690643	20.0
4H-Cyclopenta[def...	15.90	7.8	ng	269059	4	14.97	690643	20.0
5H-Dibenzo[a,d]cy...	15.94	4.5	ng	153840	4	14.97	690643	20.0
Naphthalene, 2-ph...	16.19	2.4	ng	83807	4	14.97	690643	20.0
Phenanthrene, 2,5...	16.55	3.3	ng	113493	4	14.97	690643	20.0
unknown16.59	16.59	2.6	ng	88668	4	14.97	690643	20.0
Cyclopenta(def)ph...	16.66	2.8	ng	95461	4	14.97	690643	20.0
Pyrene, 2-methyl-	17.51	3.5	ng	211284	5	18.64	1213060	20.0
11H-Benzo[b]fluorene	17.60	3.0	ng	184621	5	18.64	1213060	20.0
Pyrene, 1-methyl-	17.65	3.6	ng	221658	5	18.64	1213060	20.0
9-Octadecenamide,...	17.99	4.5	ng	274233	5	18.64	1213060	20.0
Cyclopenta(cd)pyr...	18.77	2.2	ng	135963	5	18.64	1213060	20.0
Benzo[e]pyrene	20.19	11.8	ng	275914	6	20.31	468095	20.0