LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095435.D
Acq On : 25 May 2017 21:28
Operator : SJ/MA
Sample : I3200-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-35-20170517

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	5.101	532	538	560	rBV2	131362	407046	16.62%	1.233%
2	5.713	638	642	666	rBV	844247	2031458	82.97%	6.155%
3	7.289	906	910	926	rBV	992211	1988377	81.21%	6.024%
4	7.413	926	931	949	rVB	1448876	2448444	100.00%	7.418%
5	7.742	983	987	999	rBV	447797	561710	22.94%	1.702%
6	7.983	1023	1028	1049	rBV	1289628	1711418	69.90%	5.185%
7	8.648	1136	1141	1166	rBV	691414	1278206	52.20%	3.873%
8	9.766	1327	1331	1352	rBV	433747	820486	33.51%	2.486%
9	10.948	1525	1532	1542	rBV2	15453	33082	1.35%	0.100%
10	11.536	1627	1632	1646	rBV	1681883	2391672	97.68%	7.246%
11	12.071	1720	1723	1728	rBV	17955	32423	1.32%	0.098%
12	12.124	1728	1732	1736	rVB4	23708	33166	1.35%	0.100%
13	12.236	1746	1751	1769	rVB	285828	523353	21.37%	1.586%
14	12.377	1769	1775	1781	rBV	86667	137833	5.63%	0.418%
15	12.454	1783	1788	1794	rVB4	29025	44408	1.81%	0.135%
16	12.601	1808	1813	1819	rBV2	546414	829858	33.89%	2.514%
17	12.648	1819	1821	1834	rVB	77077	138653	5.66%	0.420%
18	12.954	1869	1873	1879	rBV2	31789	63193	2.58%	0.191%
19	13.142	1901	1905	1911	rVB7	32767	54635	2.23%	0.166%
20	13.201	1912	1915	1920	rBV4	21147	31599	1.29%	0.096%
21	13.360	1940	1942	1948	rVB	26422	32645	1.33%	0.099%
22	13.430	1950	1954	1957	rBV	47318	60283	2.46%	0.183%
23	13.501	1962	1966	1972	rVB2	67802	110694	4.52%	0.335%
24	13.901	2029	2034	2044	rBV	561012	948031	38.72%	2.872%
25	14.201	2082	2085	2087	rBV	63346	69123	2.82%	0.209%
26	14.230	2087	2090	2095	rVB4	62686	92576	3.78%	0.280%
27	14.577	2146	2149	2152	rBV4	30620	35462	1.45%	0.107%
28	14.618	2153	2156	2161	rBV6	35678	68941	2.82%	0.209%
29	14.836	2191	2193	2199	rVB	28361	35054	1.43%	0.106%
30	14.930	2206	2209	2213	rVB	49331	58103	2.37%	0.176%
31	15.001	2214	2221	2224	rBV	525166	691118	28.23%	2.094%
32	15.036	2224	2227	2237	rVV	734072	1039006	42.44%	3.148%
33	15.130	2239	2243	2252	rVB	155665	242138	9.89%	0.734%
34	15.424	2290	2293	2301	rVB	41989	72919	2.98%	0.221%

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Sample : I3200-02
Misc :
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Instrument : BNA_F
ClientSampleId : POST-EX-35-20170517

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	15.530	2307	2311	2315	rBV6	40291	60354	2.46%	0.183%
36	15.783	2350	2354	2358	rBV	137837	158779	6.48%	0.481%
37	15.824	2358	2361	2367	rVB	172145	209634	8.56%	0.635%
38	15.895	2371	2373	2376	rBV	37237	43739	1.79%	0.133%
39	15.936	2376	2380	2383	rBV2	179086	227701	9.30%	0.690%
40	16.189	2421	2423	2426	rBV3	26409	31891	1.30%	0.097%
41	16.224	2426	2429	2434	rVV	85199	109825	4.49%	0.333%
42	16.289	2437	2440	2444	rVB2	67721	86396	3.53%	0.262%
43	16.436	2463	2465	2468	rVB2	40754	38255	1.56%	0.116%
44	16.483	2471	2473	2476	rVB	37787	31446	1.28%	0.095%
45	16.577	2486	2489	2493	rBV	121571	163490	6.68%	0.495%
46	16.624	2493	2497	2501	rVB3	57445	84046	3.43%	0.255%
47	16.701	2506	2510	2514	rBV3	93426	138332	5.65%	0.419%
48	16.783	2520	2524	2535	rVB	1098103	1380723	56.39%	4.183%
49	16.983	2555	2558	2562	rBV	40965	48465	1.98%	0.147%
50	17.024	2562	2565	2567	rVV3	37157	39831	1.63%	0.121%
51	17.089	2571	2576	2582	rVB	1199758	1448900	59.18%	4.390%
52	17.242	2599	2602	2605	rVB3	94370	105517	4.31%	0.320%
53	17.277	2605	2608	2611	rBV2	50206	58158	2.38%	0.176%
54	17.324	2611	2616	2624	rVB	1355866	1649196	67.36%	4.997%
55	17.406	2624	2630	2634	rBV2	84281	168986	6.90%	0.512%
56	17.518	2645	2649	2652	rBV4	78870	142664	5.83%	0.432%
57	17.548	2652	2654	2660	rVB2	128752	166142	6.79%	0.503%
58	17.636	2666	2669	2673	rVB	78919	92607	3.78%	0.281%
59	17.695	2673	2679	2688	rVB3	198508	432339	17.66%	1.310%
60	17.800	2694	2697	2701	rVB	81887	85305	3.48%	0.258%
61	17.842	2701	2704	2709	rVV	63352	82727	3.38%	0.251%
62	17.883	2709	2711	2715	rVB5	25628	28606	1.17%	0.087%
63	18.236	2768	2771	2775	rVB	102243	113990	4.66%	0.345%
64	18.295	2779	2781	2783	rBV2	25221	25242	1.03%	0.076%
65	18.353	2787	2791	2793	rVV2	73236	94202	3.85%	0.285%
66	18.383	2793	2796	2799	rVV	146744	167384	6.84%	0.507%
67	18.418	2799	2802	2805	rVV	81424	90998	3.72%	0.276%
68	18.453	2805	2808	2812	rVB2	65460	79080	3.23%	0.240%
69	18.512	2815	2818	2823	rVV2	93805	124348	5.08%	0.377%
70	18.571	2823	2828	2832	rVB3	55345	114069	4.66%	0.346%
71	18.671	2840	2845	2849	rBV2	775860	1314812	53.70%	3.984%

LSC Area Percent Report

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Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.712	2849	2852	2864	rVV2	568985	812585	33.19%	2.462%
73	18.806	2864	2868	2871	rVB2	70295	89686	3.66%	0.272%
74	18.959	2892	2894	2898	rVB3	67076	76975	3.14%	0.233%
75	19.183	2929	2932	2936	rVB3	118253	123567	5.05%	0.374%
76	19.224	2936	2939	2943	rVB	68609	85405	3.49%	0.259%
77	19.294	2944	2951	2955	rBV5	54265	145170	5.93%	0.440%
78	19.336	2955	2958	2961	rBV4	65464	90673	3.70%	0.275%
79	19.794	3032	3036	3039	rBV3	80856	118118	4.82%	0.358%
80	19.947	3058	3062	3065	rBV	513363	733679	29.97%	2.223%
81	20.059	3078	3081	3088	rBV	99524	157650	6.44%	0.478%
82	20.241	3108	3112	3116	rBV	337553	354210	14.47%	1.073%
83	20.300	3119	3122	3128	rVB	394186	432287	17.66%	1.310%
84	20.353	3128	3131	3135	rBV	299253	369940	15.11%	1.121%
85	21.694	3354	3359	3375	rVB	169009	437105	17.85%	1.324%
86	22.083	3420	3425	3436	rVB	129073	269208	11.00%	0.816%
87	22.324	3460	3466	3474	rBV3	53861	154591	6.31%	0.468%

Sum of corrected areas: 33006141

LSC Report - Integrated Chromatogram

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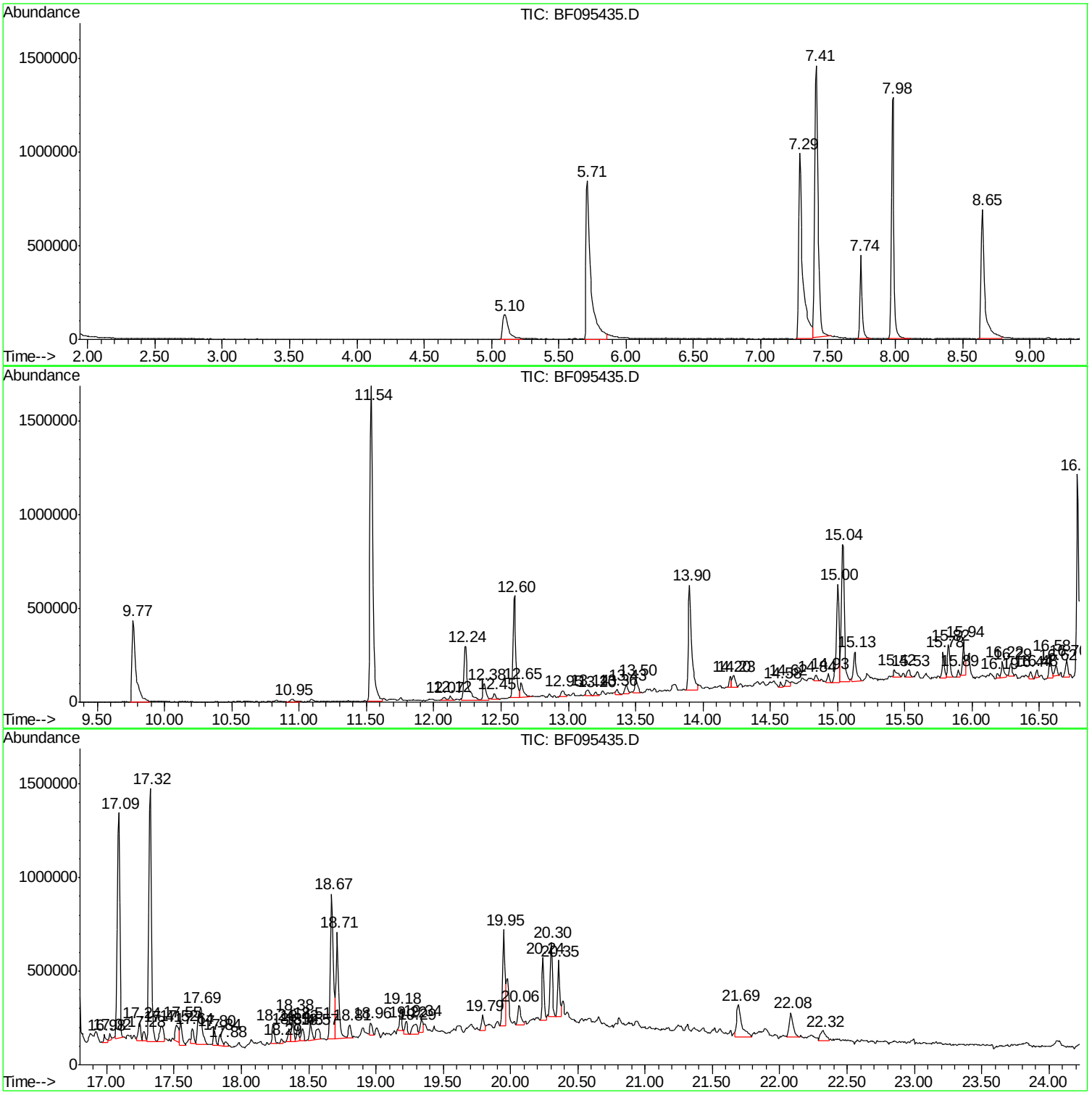
Sample : I3200-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-35-20170517

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095435.D
Acq On : 25 May 2017 21:28
Operator : SJ/MA
Sample : I3200-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-35-20170517

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

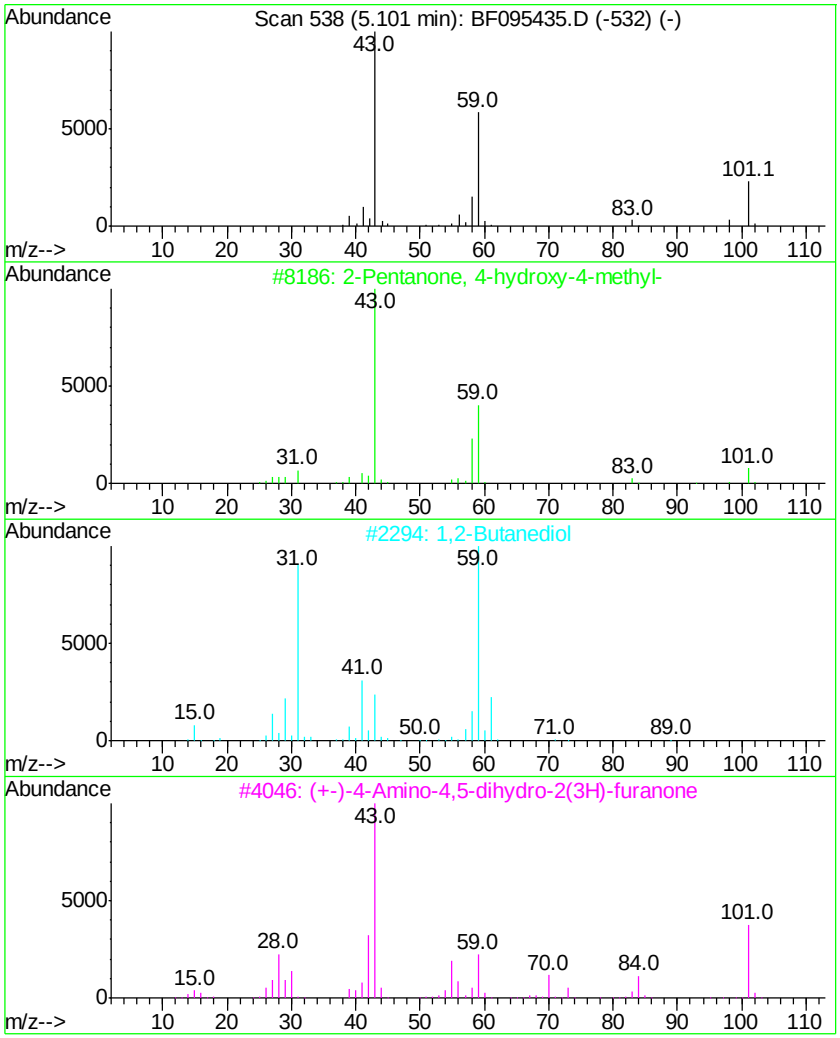
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

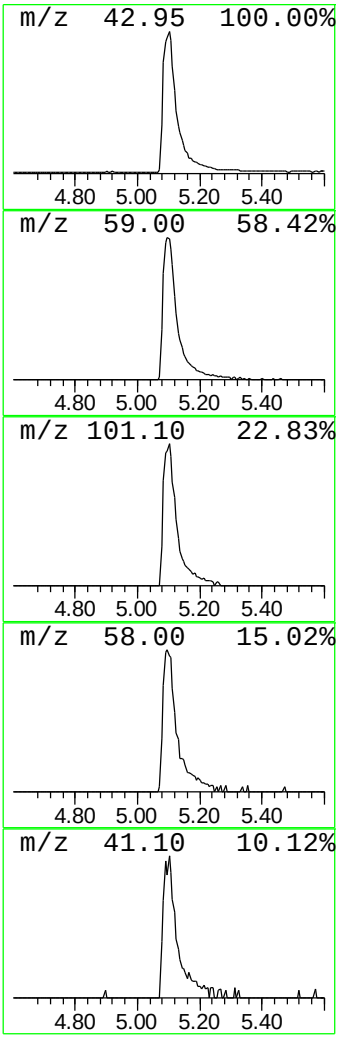
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	14.49 ng	407046	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1,2-Butanediol	90	C4H10O2	000584-03-2	25
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : I3200-02
Misc :
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Instrument : BNA_F
ClientSampleId : POST-EX-35-20170517

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

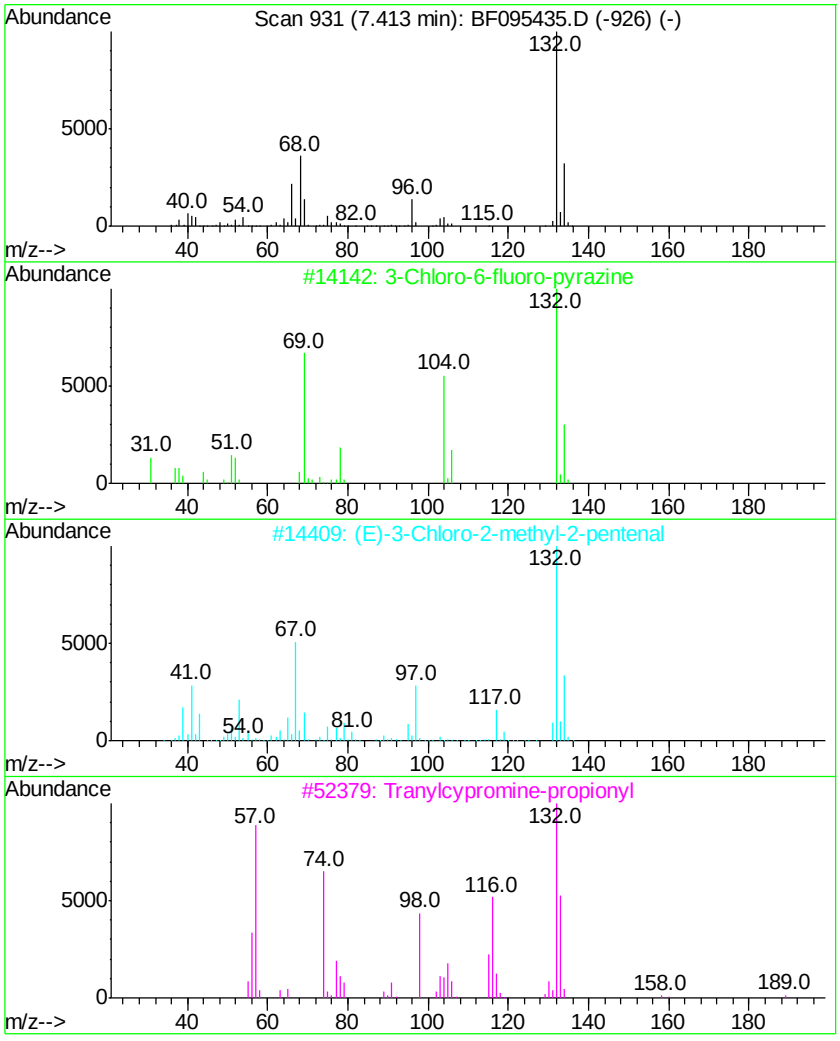
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

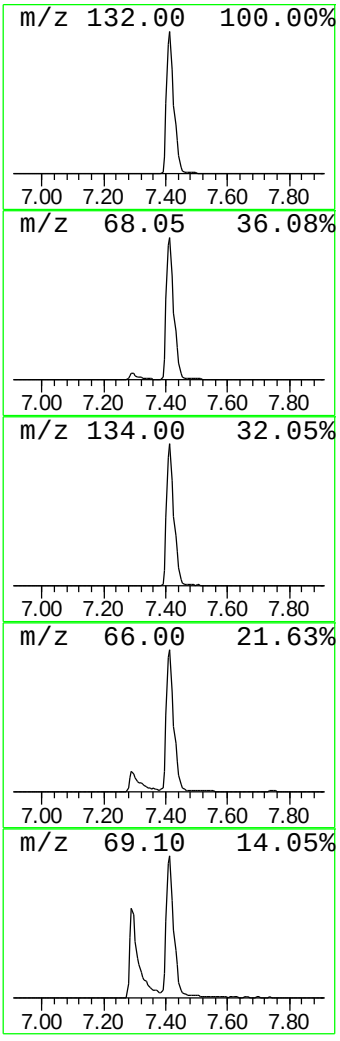
****

Peak Number 2 unknown7.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	87.18 ng	2448440	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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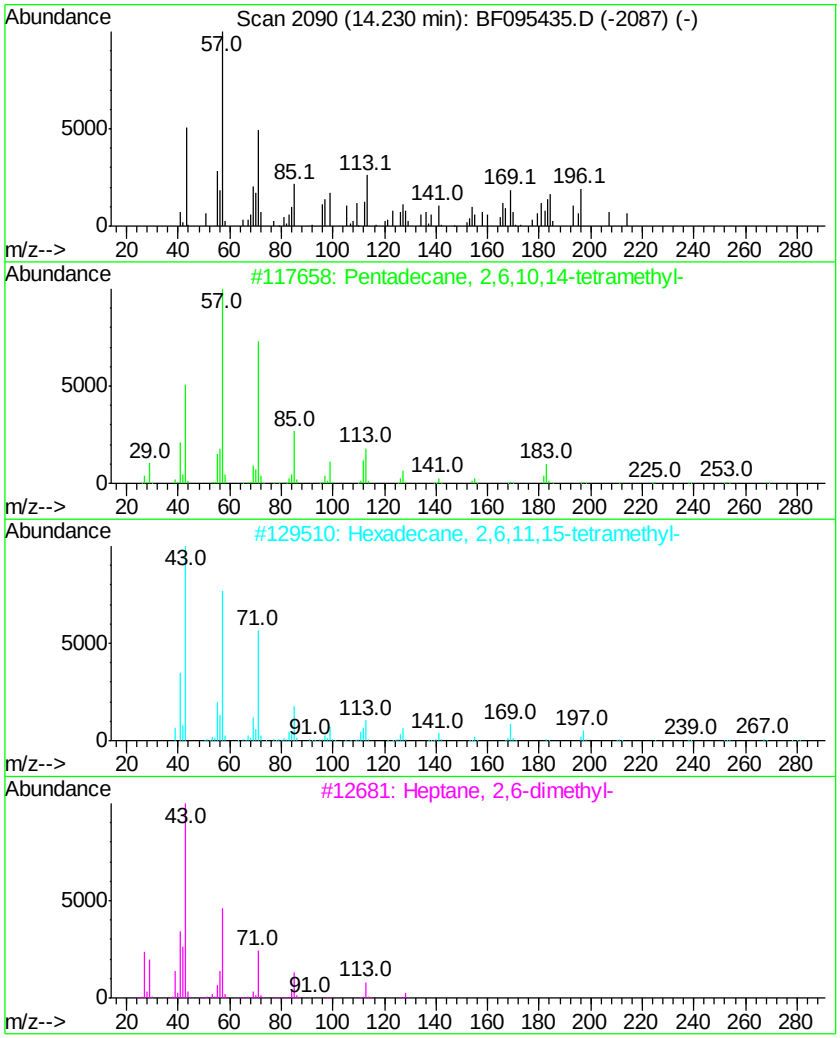
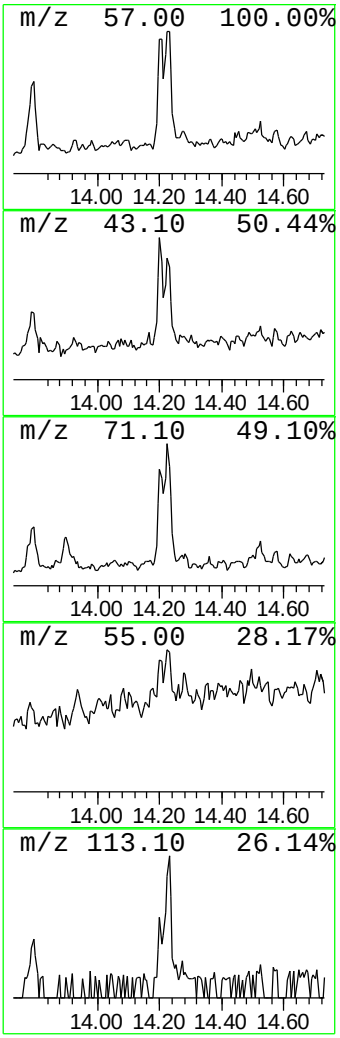
****

Peak Number 4 unknown14.23 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	2.68 ng	92576	Phenanthrene-d10	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	43
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	38
3	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	38
4	Dodecane	170	C12H26	000112-40-3	35
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	35





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TIC Library : C:\DATABASE\NIST11.L
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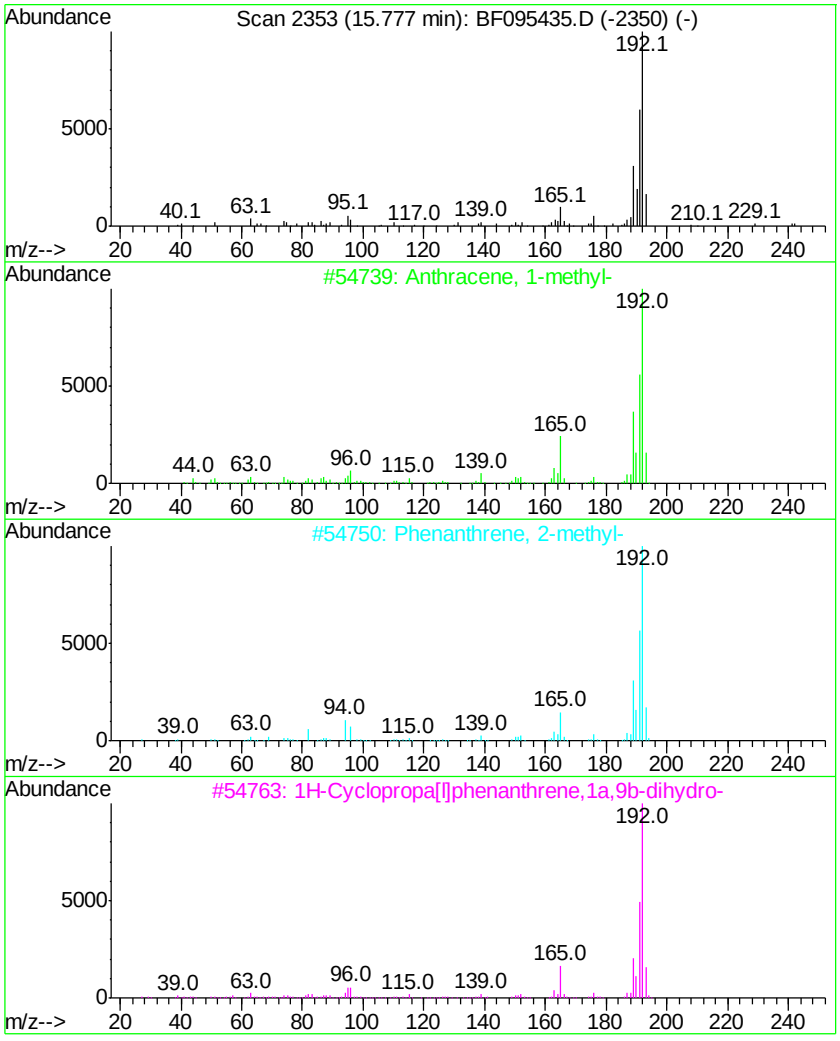
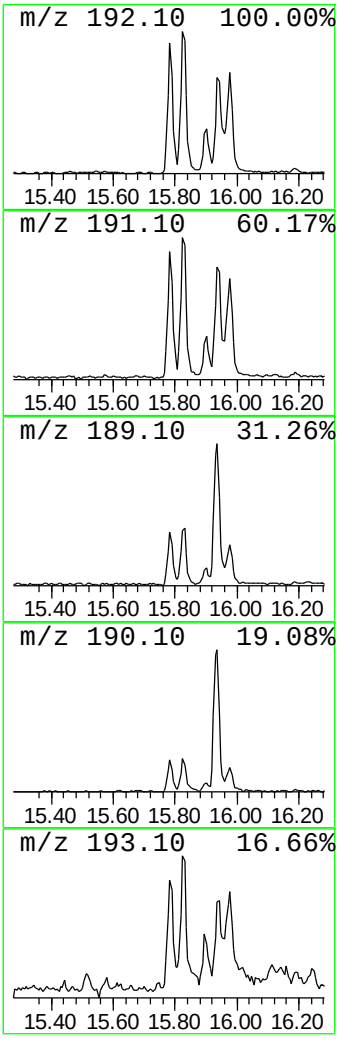
Peak Number 5 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	4.59 ng	158779	Phenanthrene-d10	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Operator : SJ/MA
Sample : I3200-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-35-20170517

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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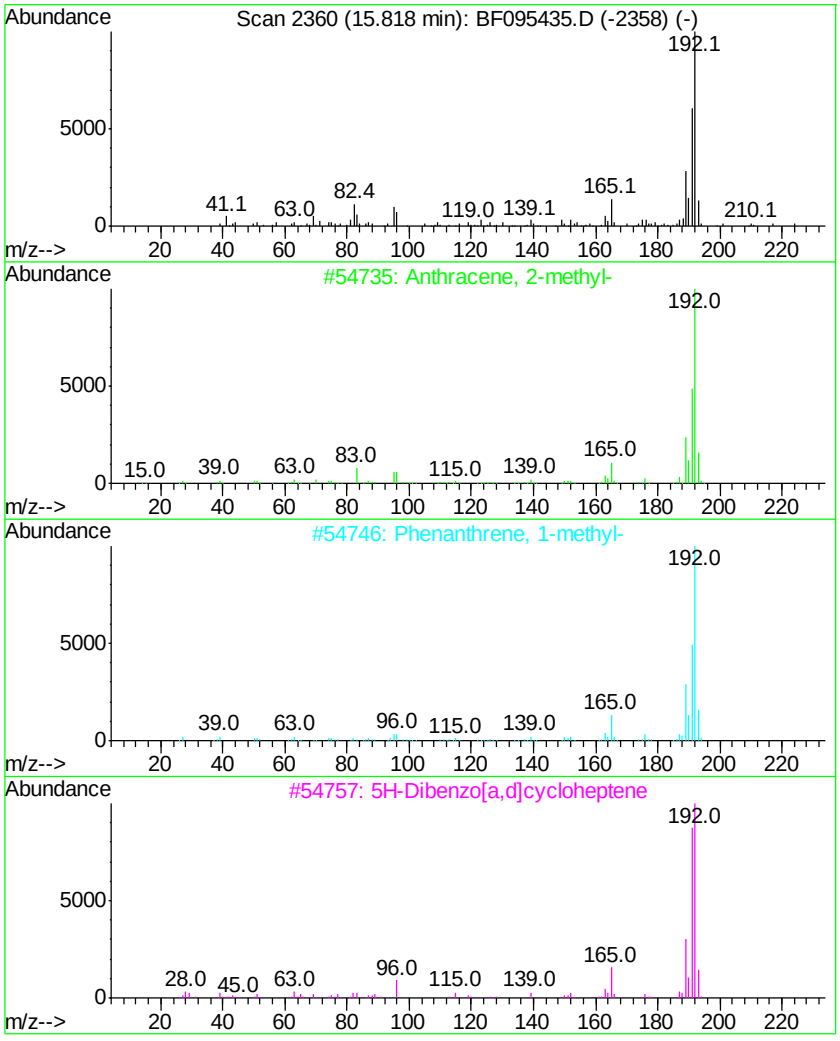
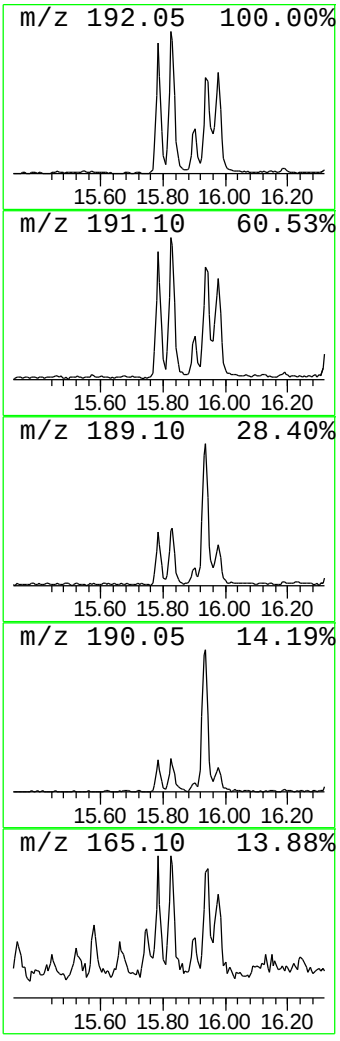
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	6.07 ng	209634	Phenanthrene-d10	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Data File : BF095435.D
Acq On : 25 May 2017 21:28
Operator : SJ/MA
Sample : I3200-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-35-20170517

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

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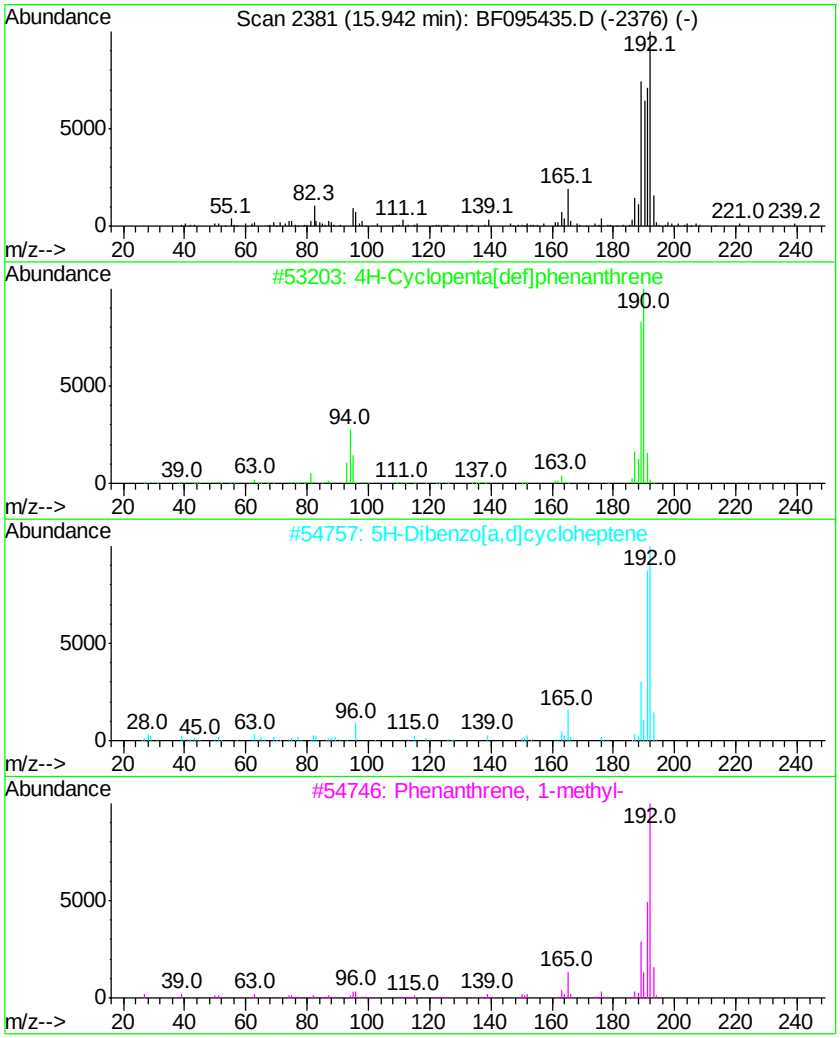
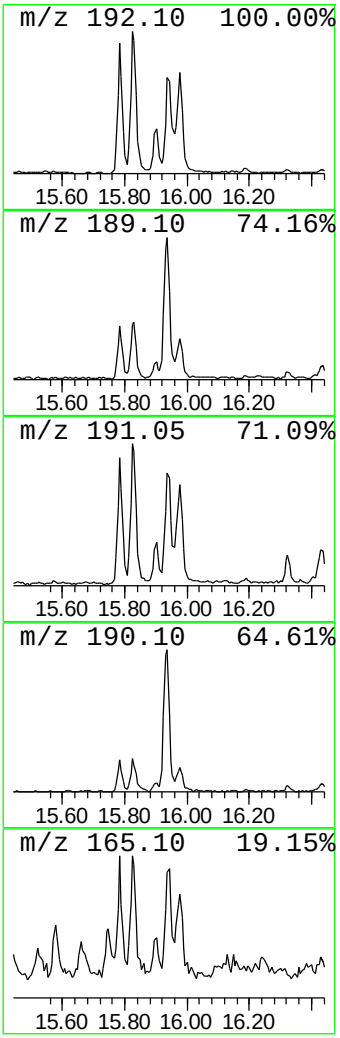
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	6.59 ng	227701	Phenanthrene-d10	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42





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Acq On : 25 May 2017 21:28
Operator : SJ/MA
Sample : I3200-02
Misc :
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ClientSampleId :
POST-EX-35-20170517

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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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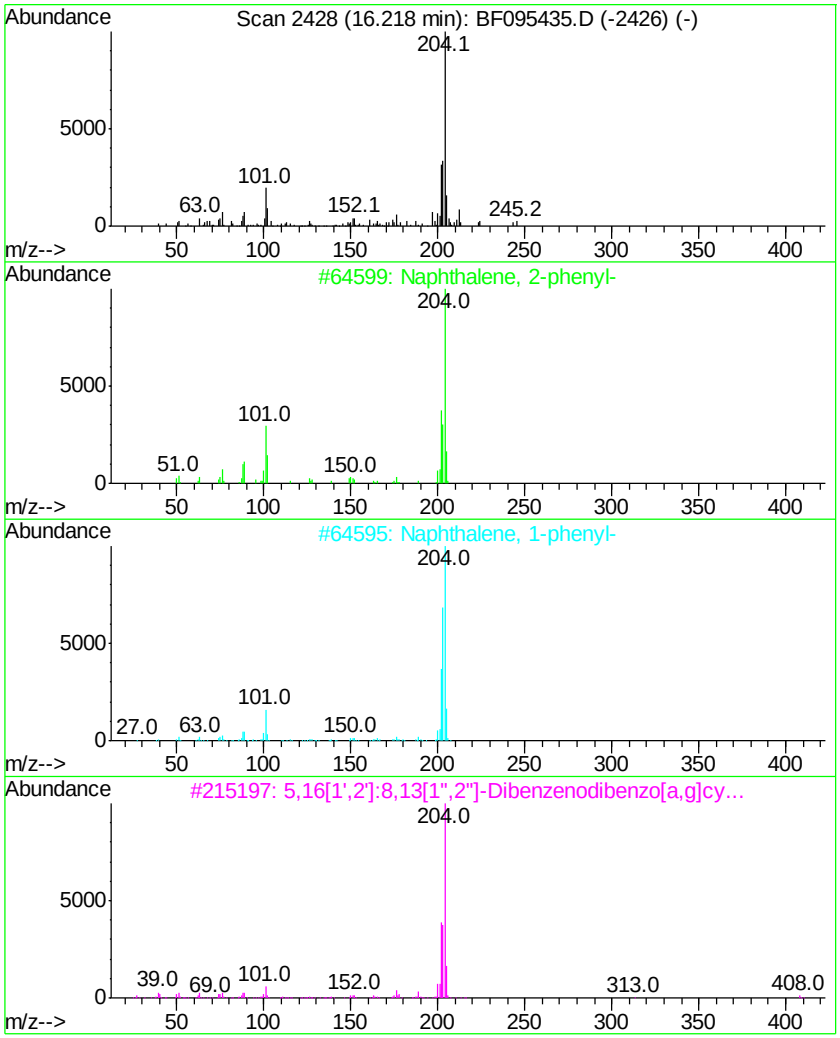
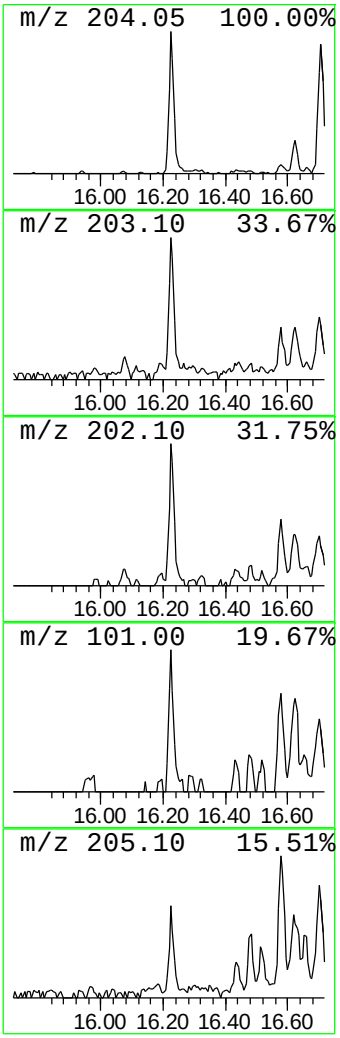
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	3.18 ng	109825	Phenanthrene-d10	15.00

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	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
5	Levamisole	204	C11H12N2S	014769-73-4	59





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

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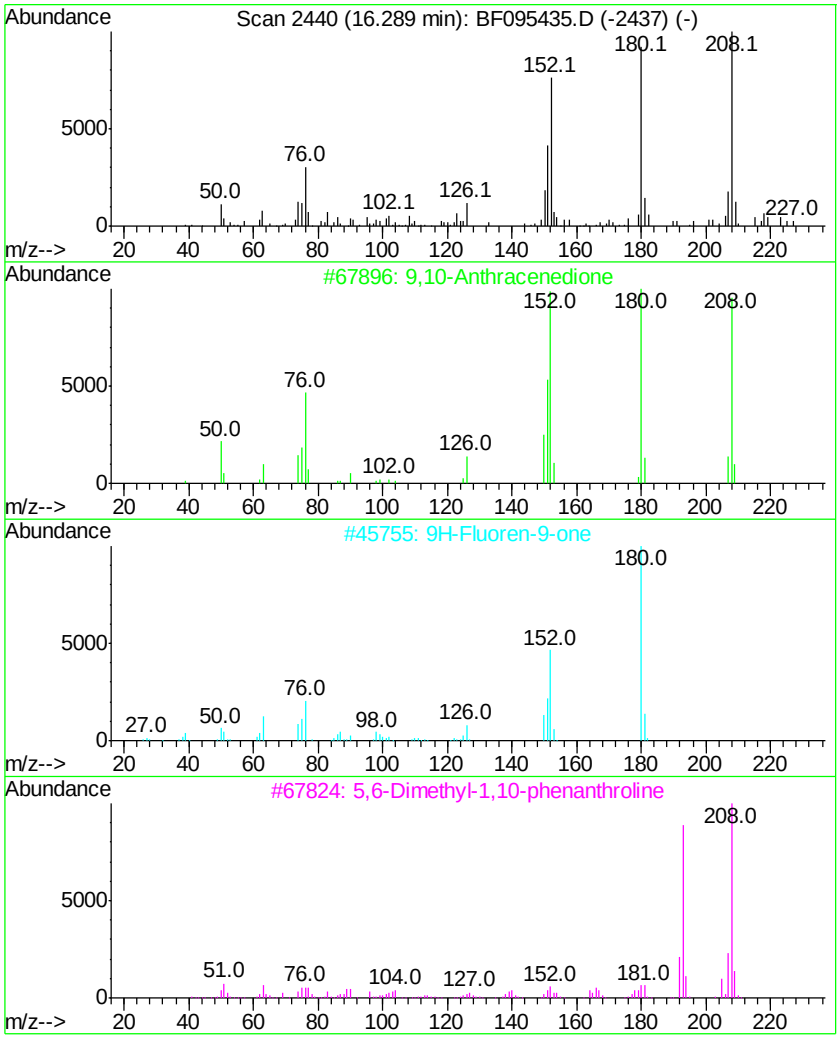
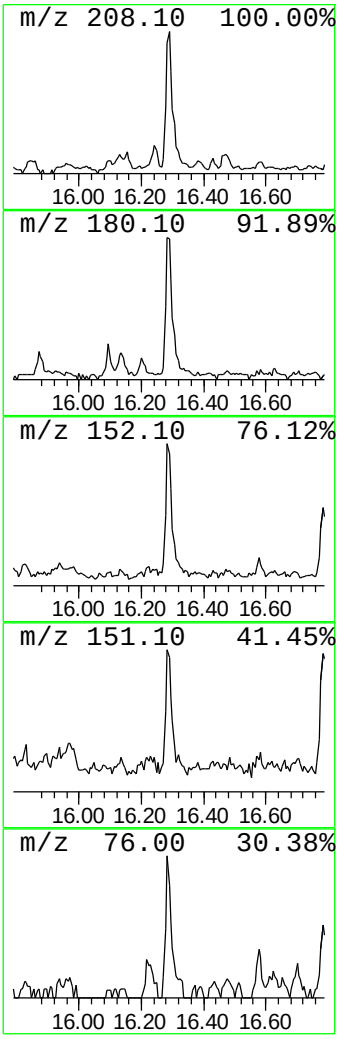
Peak Number 9 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.50 ng	86396	Phenanthrene-d10	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
3	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	52
4	6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	43
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	41





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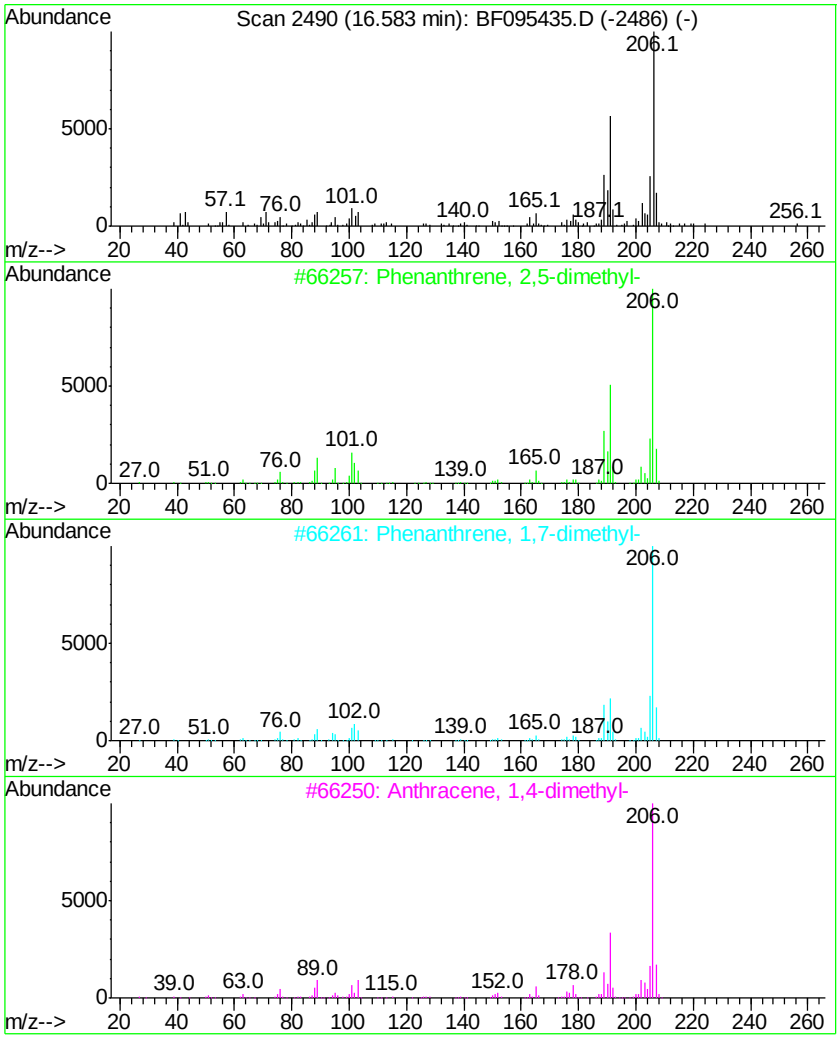
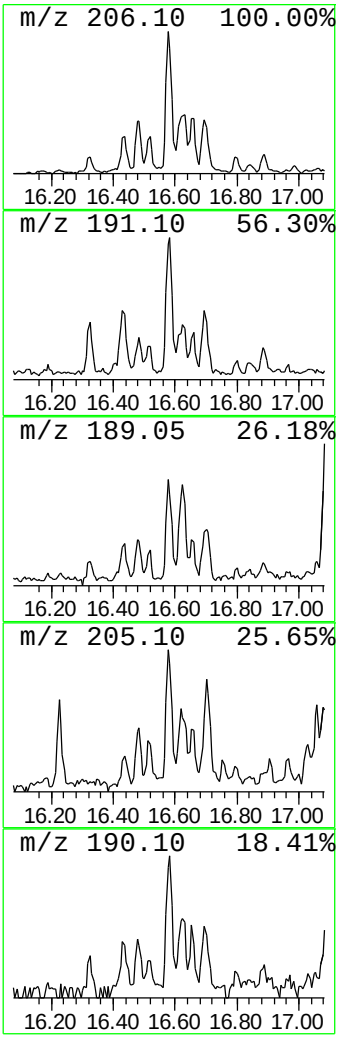
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	4.73 ng	163490	Phenanthrene-d10	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	92





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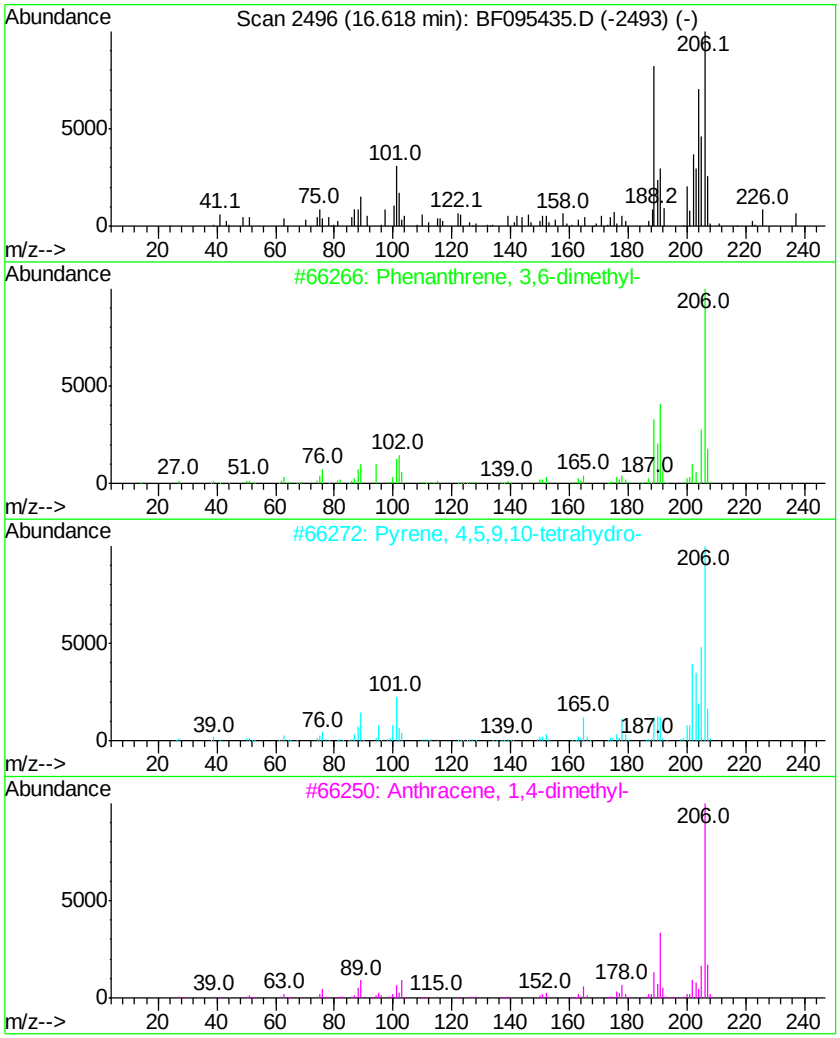
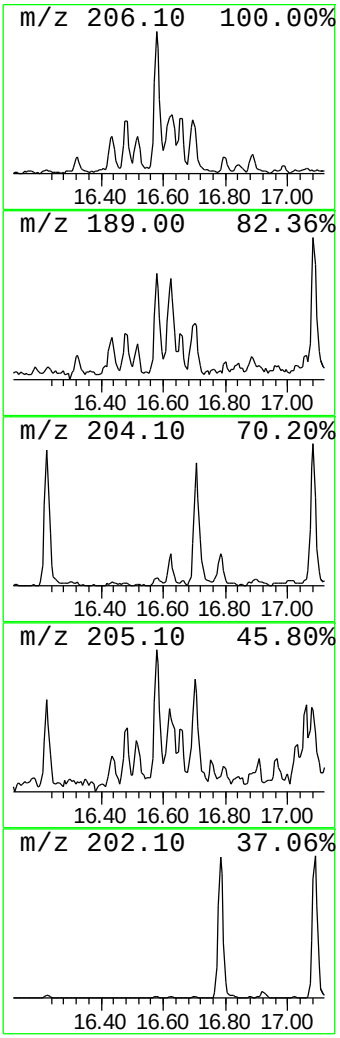
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.43 ng	84046	Phenanthrene-d10	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	38
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	38
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	30





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

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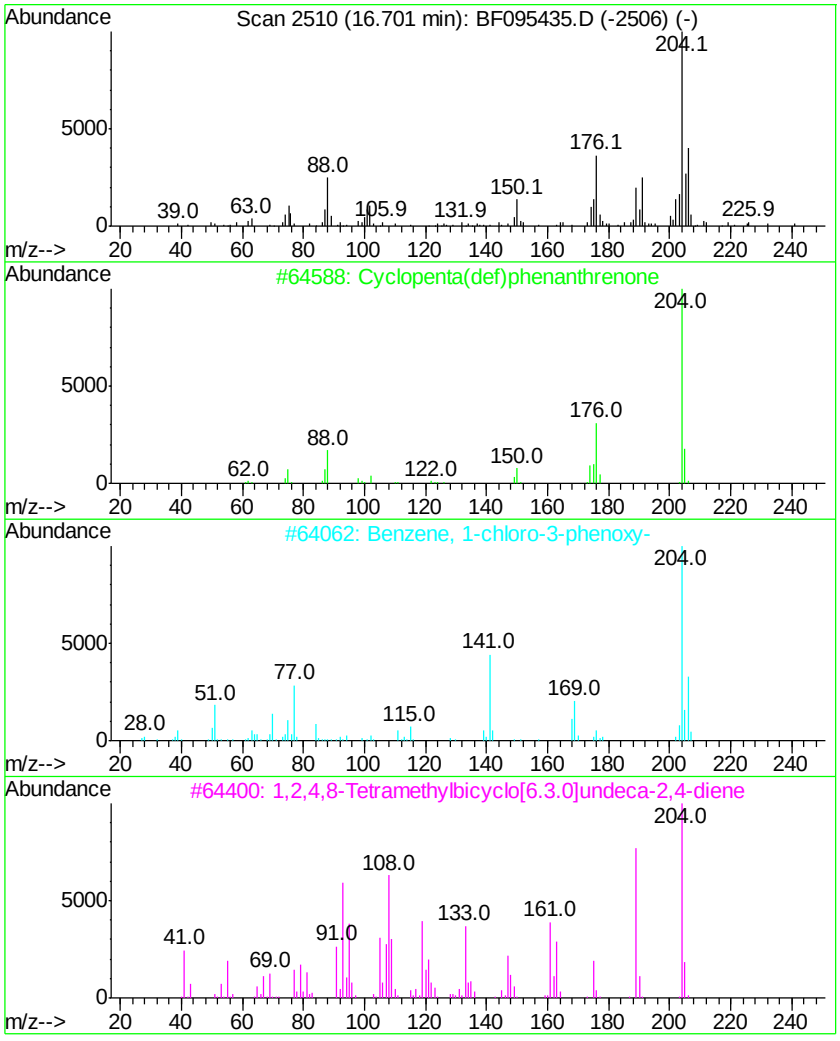
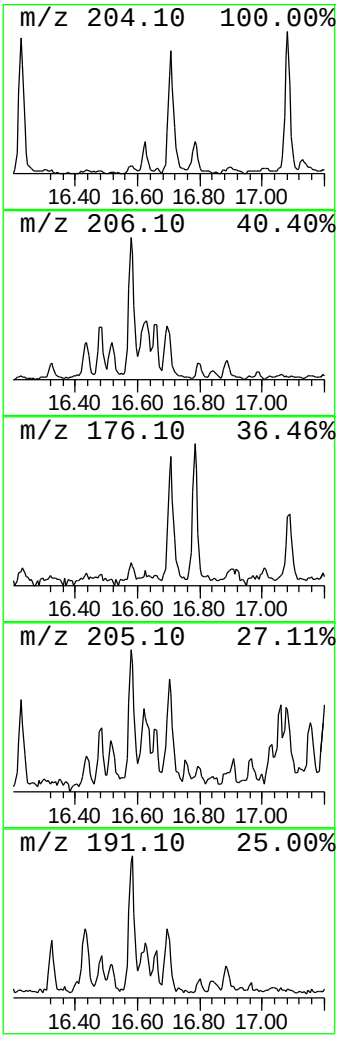
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	4.00 ng	138332	Phenanthrene-d10	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	47
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43





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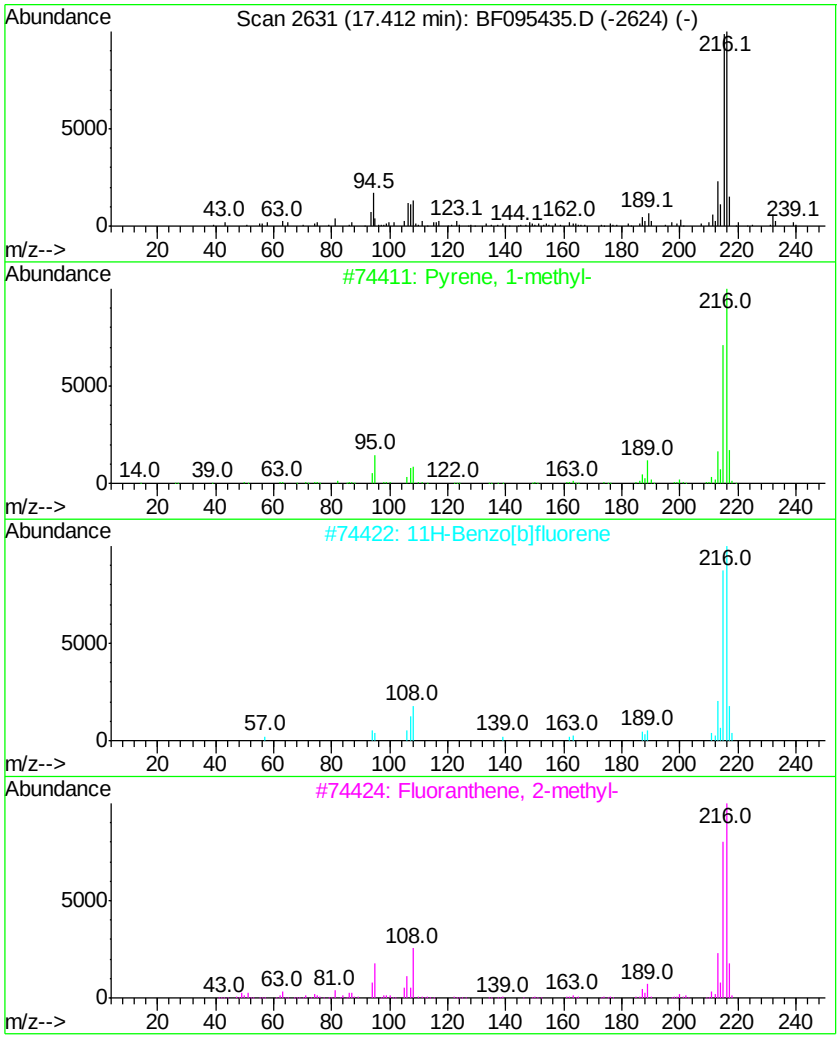
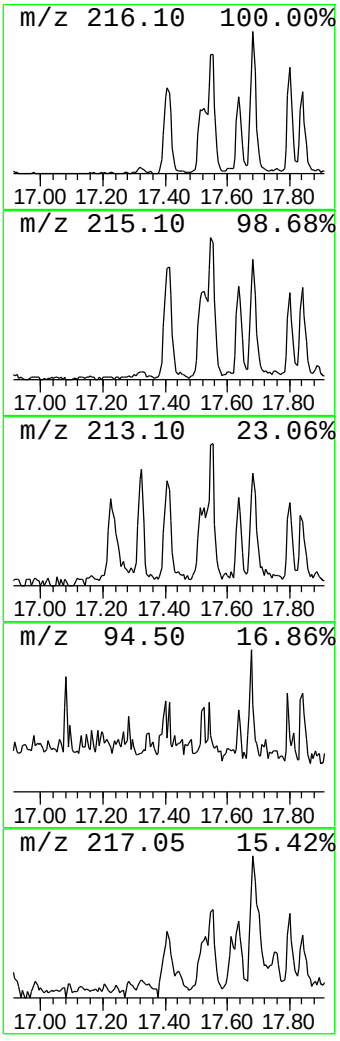
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	2.57 ng	168986	Chrysene-d12	18.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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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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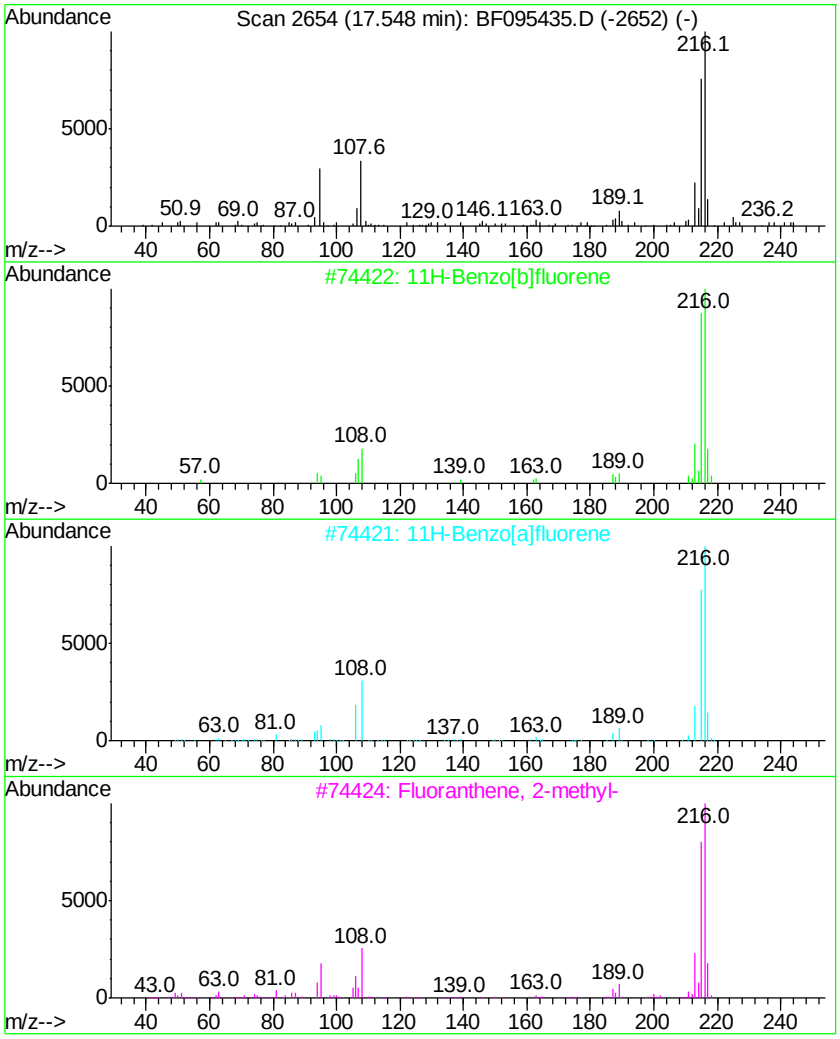
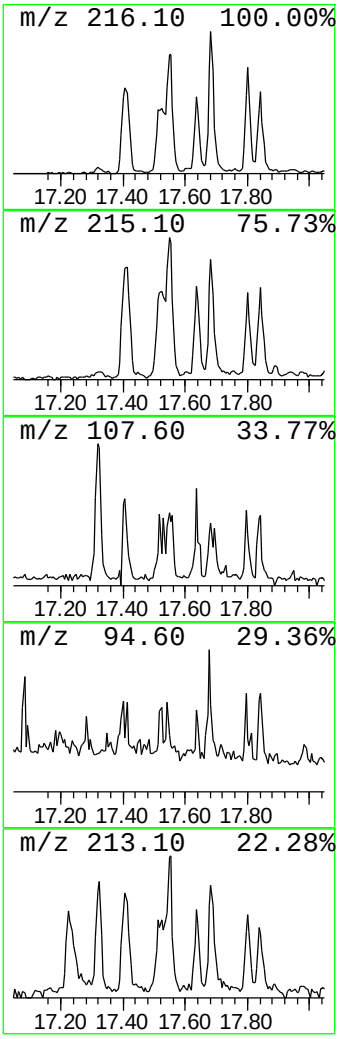
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	2.53 ng	166142	Chrysene-d12	18.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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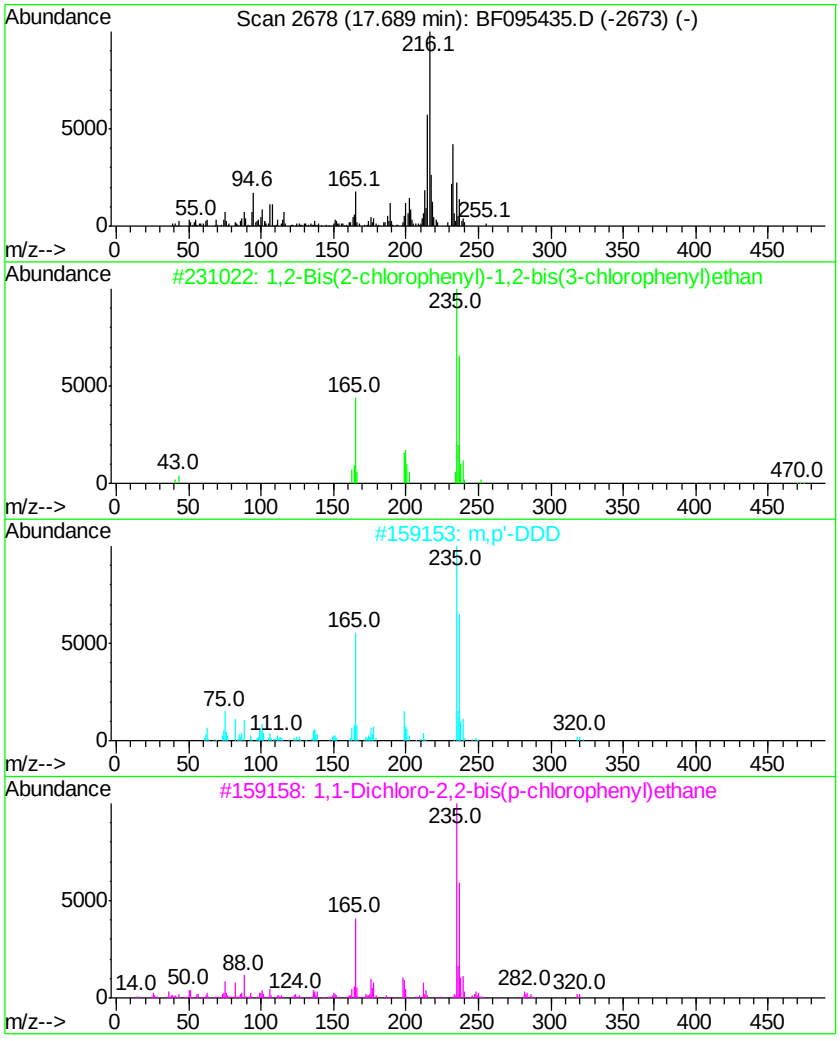
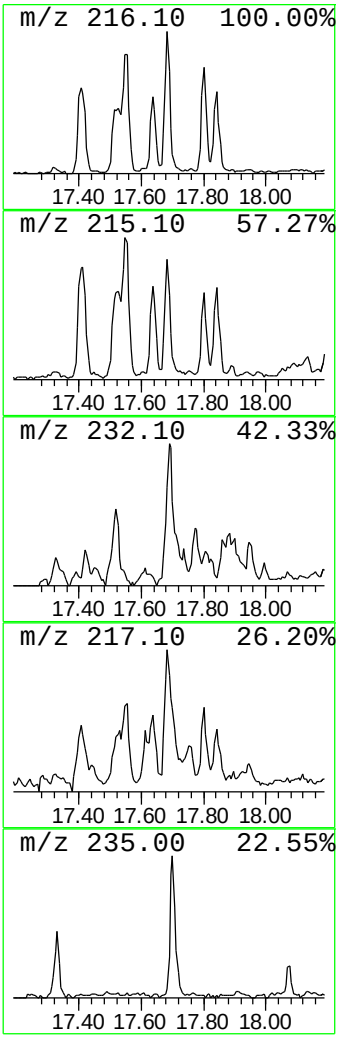
Peak Number 15 unknown17.69 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	6.58 ng	432339	Chrysene-d12	18.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Bis(2-chlorophenyl)-1,2-bis(...	470	C26H18Cl4	1000137-94-8	45
2	m,p'-DDD	318	C14H10Cl4	004329-12-8	45
3	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	43
4	1-(9-Anthryl)-2-propyn-1-ol	232	C17H12O	031067-61-5	40
5	Mitotane	318	C14H10Cl4	000053-19-0	35





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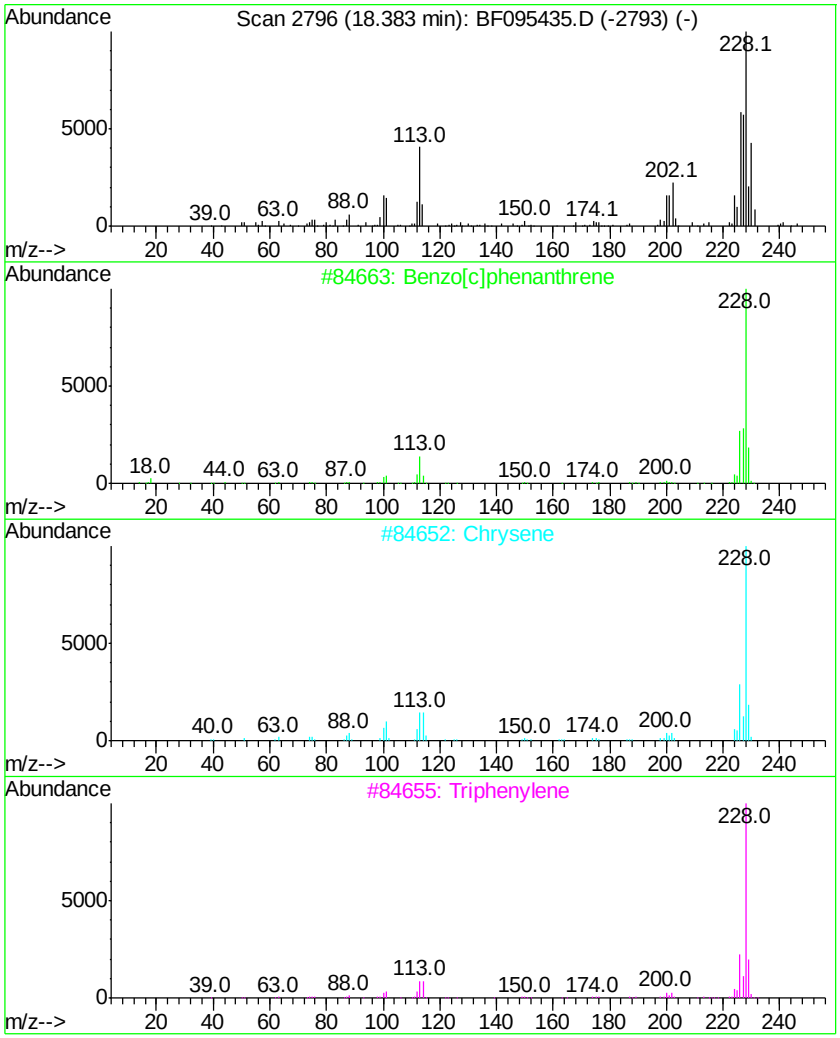
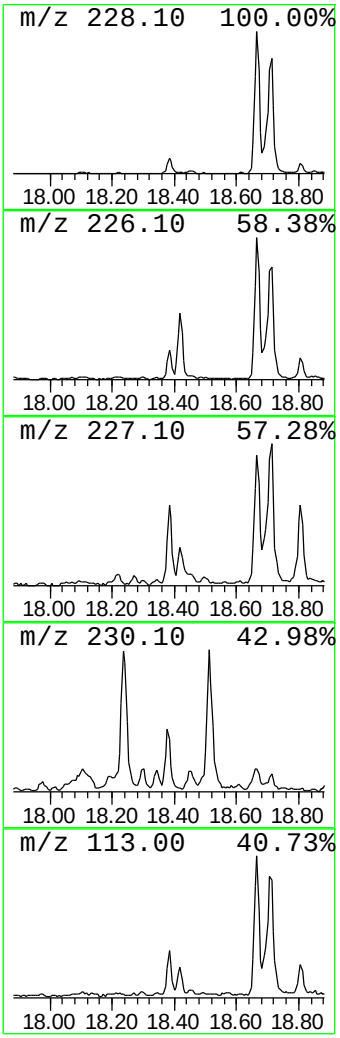
Peak Number 16 Benzo[c]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.55 ng	167384	Chrysene-d12	18.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	60
2	Chrysene	228	C18H12	000218-01-9	55
3	Triphenylene	228	C18H12	000217-59-4	49
4	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	45
5	8-Chloro-1-methylphenazine	228	C13H9ClN2	029453-82-5	43





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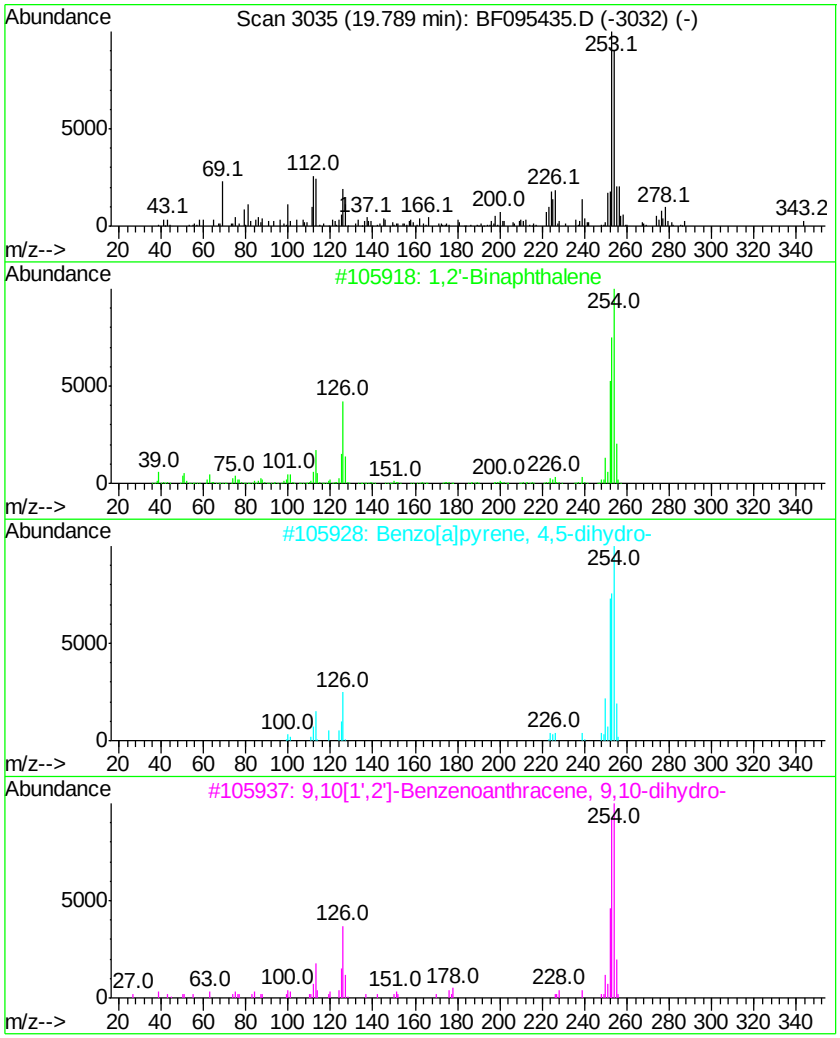
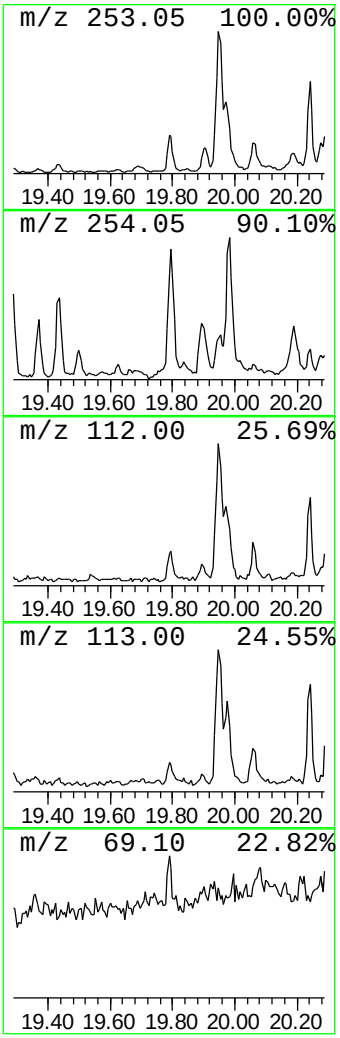
Peak Number 17 1,2'-Binaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	6.39 ng	118118	Perylene-d12	20.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2'-Binaphthalene	254	C20H14	004325-74-0	72
2	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	72
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
5	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	64





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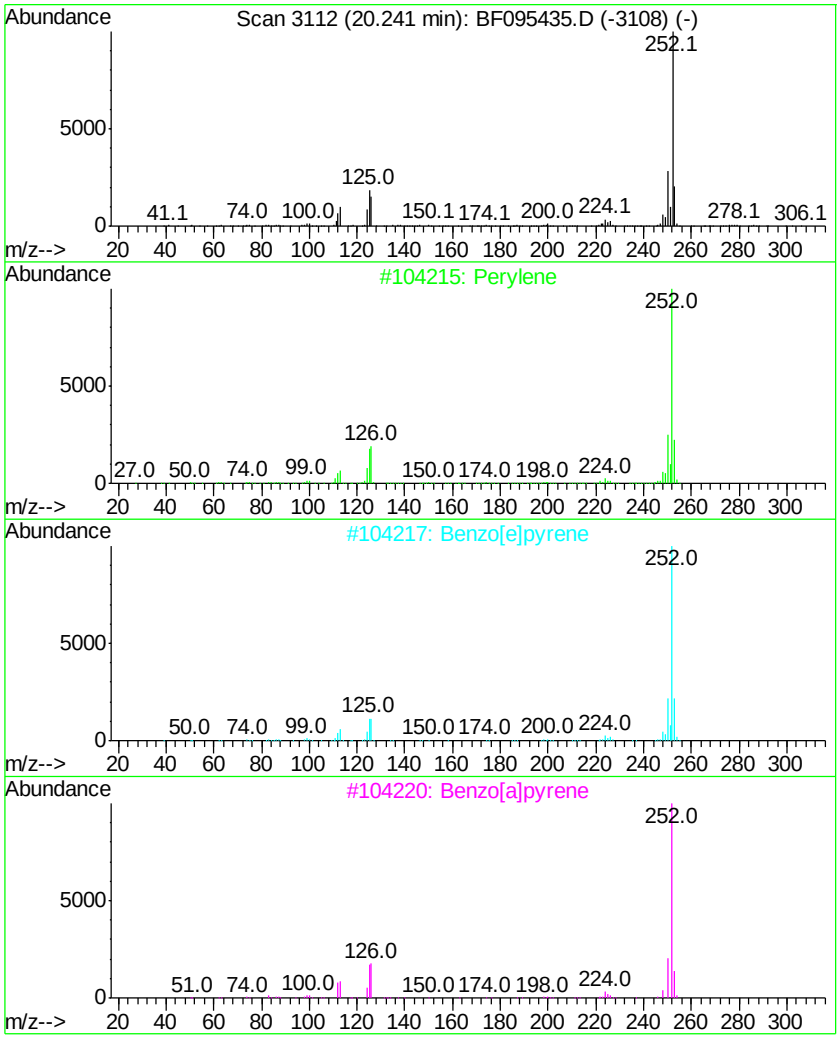
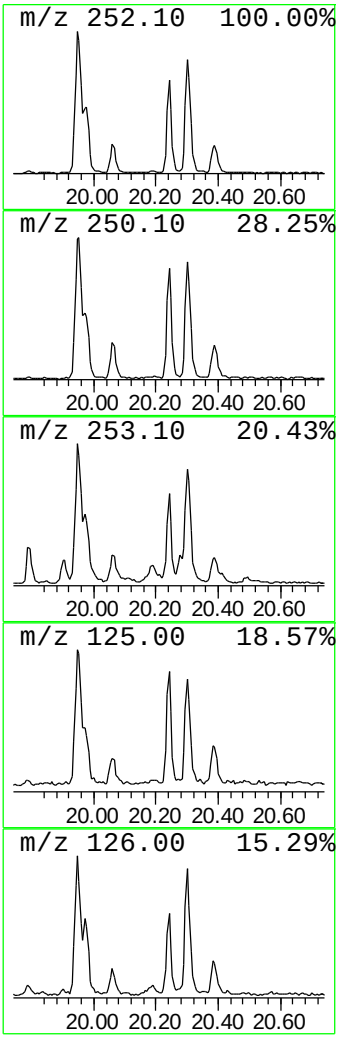
Peak Number 19 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	19.15 ng	354210	Perylene-d12	20.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : POST-EX-35-20170517

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...	5.10	14.5	ng	407046	1	7.74	561710	20.0
unknown7.41	7.41	87.2	ng	2448440	1	7.74	561710	20.0
unknown14.23	14.23	2.7	ng	92576	4	15.00	691118	20.0
Anthracene, 1-met...	15.78	4.6	ng	158779	4	15.00	691118	20.0
Anthracene, 2-met...	15.82	6.1	ng	209634	4	15.00	691118	20.0
4H-Cyclopenta[def...	15.94	6.6	ng	227701	4	15.00	691118	20.0
Naphthalene, 2-ph...	16.22	3.2	ng	109825	4	15.00	691118	20.0
9,10-Anthracenedione	16.29	2.5	ng	86396	4	15.00	691118	20.0
Phenanthrene, 2,5...	16.58	4.7	ng	163490	4	15.00	691118	20.0
Phenanthrene, 3,6...	16.62	2.4	ng	84046	4	15.00	691118	20.0
Cyclopenta(def)ph...	16.70	4.0	ng	138332	4	15.00	691118	20.0
Pyrene, 1-methyl-	17.41	2.6	ng	168986	5	18.68	1314810	20.0
11H-Benzo[b]fluorene	17.55	2.5	ng	166142	5	18.68	1314810	20.0
unknown17.69	17.69	6.6	ng	432339	5	18.68	1314810	20.0
Benzo[c]phenanthrene	18.38	2.5	ng	167384	5	18.68	1314810	20.0
1,2'-Binaphthalene	19.79	6.4	ng	118118	6	20.36	369940	20.0
Perylene	20.24	19.1	ng	354210	6	20.36	369940	20.0