LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095437.D
Acq On : 25 May 2017 22:32
Operator : SJ/MA
Sample : I3223-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-43-20170517

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	5.095	532	537	556	rBV	111737	339397	13.35%	1.083%
2	5.707	638	641	677	rBV	819684	2063292	81.17%	6.582%
3	7.289	906	910	926	rBV	888665	1856556	73.04%	5.923%
4	7.413	926	931	941	rVB	1341493	2278179	89.63%	7.268%
5	7.742	983	987	999	rVB	432698	527965	20.77%	1.684%
6	7.977	1023	1027	1044	rBV	1314864	1724721	67.85%	5.502%
7	8.648	1136	1141	1174	rBV	656749	1305412	51.36%	4.165%
8	9.766	1327	1331	1350	rBV	394022	759783	29.89%	2.424%
9	10.954	1527	1533	1546	rVB2	12083	29780	1.17%	0.095%
10	11.536	1627	1632	1654	rBV	1757973	2541815	100.00%	8.109%
11	12.077	1720	1724	1729	rBV4	18573	31689	1.25%	0.101%
12	12.236	1747	1751	1761	rBV	183074	304714	11.99%	0.972%
13	12.377	1770	1775	1784	rBV	70337	117887	4.64%	0.376%
14	12.601	1808	1813	1819	rBV2	515948	780937	30.72%	2.491%
15	12.654	1819	1822	1830	rVB	58953	97020	3.82%	0.310%
16	12.959	1869	1874	1879	rBV3	28517	56895	2.24%	0.182%
17	13.142	1900	1905	1911	rBV4	28132	43623	1.72%	0.139%
18	13.430	1950	1954	1958	rBV	65186	79388	3.12%	0.253%
19	13.501	1963	1966	1973	rVB2	55266	85238	3.35%	0.272%
20	13.771	2008	2012	2014	rBV3	33023	44712	1.76%	0.143%
21	13.901	2029	2034	2053	rBV	633515	1097095	43.16%	3.500%
22	14.124	2069	2072	2081	rVB7	17230	32429	1.28%	0.103%
23	14.201	2081	2085	2088	rBV	72342	98007	3.86%	0.313%
24	14.224	2088	2089	2094	rVV4	45946	57171	2.25%	0.182%
25	14.401	2113	2119	2122	rBV6	21831	37958	1.49%	0.121%
26	14.624	2153	2157	2160	rBV4	38659	59158	2.33%	0.189%
27	14.736	2174	2176	2181	rVB3	22785	28318	1.11%	0.090%
28	14.836	2191	2193	2197	rVB	27480	32539	1.28%	0.104%
29	14.936	2206	2210	2213	rVB	42957	48442	1.91%	0.155%
30	15.001	2215	2221	2224	rVV	494748	609037	23.96%	1.943%
31	15.036	2224	2227	2238	rVV	599392	850359	33.45%	2.713%
32	15.130	2239	2243	2253	rVB	123351	193281	7.60%	0.617%
33	15.218	2254	2258	2262	rBV6	34285	50844	2.00%	0.162%
34	15.389	2284	2287	2290	rBV4	17812	28711	1.13%	0.092%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095437.D
Acq On : 25 May 2017 22:32
Operator : SJ/MA
Sample : I3223-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-43-20170517

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

35	15.430	2291	2294	2301	rVV2	40277	81835	3.22%	0.261%
36	15.489	2301	2304	2306	rVV2	25338	30101	1.18%	0.096%
37	15.524	2306	2310	2314	rVV3	41597	60157	2.37%	0.192%
38	15.595	2320	2322	2328	rVB2	29136	41435	1.63%	0.132%
39	15.659	2329	2333	2335	rBV5	24251	35744	1.41%	0.114%
40	15.783	2350	2354	2358	rBV	168291	188994	7.44%	0.603%
41	15.824	2358	2361	2369	rVB	186349	228331	8.98%	0.728%
42	15.900	2370	2374	2376	rBV	45057	52456	2.06%	0.167%
43	15.936	2376	2380	2382	rBV2	180192	232418	9.14%	0.741%
44	16.189	2421	2423	2426	rBV4	26409	27539	1.08%	0.088%
45	16.224	2426	2429	2437	rVB	81327	106384	4.19%	0.339%
46	16.289	2437	2440	2444	rBV	61573	82543	3.25%	0.263%
47	16.430	2461	2464	2469	rVB2	45963	62226	2.45%	0.199%
48	16.477	2469	2472	2476	rBV	47159	61184	2.41%	0.195%
49	16.512	2476	2478	2481	rVB3	37880	40362	1.59%	0.129%
50	16.577	2485	2489	2493	rBV	149884	195670	7.70%	0.624%
51	16.624	2493	2497	2500	rVB2	65486	82626	3.25%	0.264%
52	16.653	2500	2502	2505	rVB	44439	41017	1.61%	0.131%
53	16.700	2506	2510	2514	rBV3	105621	165802	6.52%	0.529%
54	16.783	2520	2524	2535	rVB	1013709	1228833	48.34%	3.920%
55	16.883	2538	2541	2544	rVV3	37550	56260	2.21%	0.179%
56	16.918	2544	2547	2552	rVB2	57567	86026	3.38%	0.274%
57	17.024	2562	2565	2568	rVV3	40975	44939	1.77%	0.143%
58	17.089	2571	2576	2584	rVB	1089658	1351365	53.17%	4.311%
59	17.200	2593	2595	2598	rVB	36233	33324	1.31%	0.106%
60	17.242	2598	2602	2605	rVB4	47860	58793	2.31%	0.188%
61	17.277	2605	2608	2611	rBV	56429	58631	2.31%	0.187%
62	17.324	2611	2616	2623	rVB	1424420	1698425	66.82%	5.418%
63	17.406	2626	2630	2634	rVB3	90080	125332	4.93%	0.400%
64	17.524	2645	2650	2652	rBV2	72867	138737	5.46%	0.443%
65	17.547	2652	2654	2659	rVB2	132468	159413	6.27%	0.509%
66	17.636	2666	2669	2673	rVB	70579	78983	3.11%	0.252%
67	17.683	2673	2677	2684	rBV3	175220	345072	13.58%	1.101%
68	17.800	2694	2697	2701	rBV2	92286	99696	3.92%	0.318%
69	17.842	2701	2704	2709	rBV2	79297	99693	3.92%	0.318%
70	18.236	2768	2771	2775	rVB	100897	104976	4.13%	0.335%
71	18.300	2779	2782	2784	rBV2	32118	34268	1.35%	0.109%

LSC Area Percent Report

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Sample : I3223-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.353	2788	2791	2793	rBV	61562	65415	2.57%	0.209%
73	18.383	2793	2796	2799	rVB2	138092	147575	5.81%	0.471%
74	18.418	2799	2802	2805	rBV	67887	78501	3.09%	0.250%
75	18.512	2815	2818	2823	rBV2	92238	107869	4.24%	0.344%
76	18.565	2823	2827	2832	rVV3	65661	109686	4.32%	0.350%
77	18.671	2840	2845	2849	rBV2	714515	1211619	47.67%	3.865%
78	18.712	2849	2852	2858	rVB2	568274	879582	34.60%	2.806%
79	18.806	2865	2868	2871	rVB3	58241	67954	2.67%	0.217%
80	18.965	2892	2895	2899	rVB4	71230	84668	3.33%	0.270%
81	19.183	2929	2932	2936	rVB	124482	120142	4.73%	0.383%
82	19.224	2937	2939	2942	rVB	90395	89797	3.53%	0.286%
83	19.271	2944	2947	2948	rBV3	48227	52767	2.08%	0.168%
84	19.794	3033	3036	3041	rVB3	59418	72790	2.86%	0.232%
85	19.947	3058	3062	3065	rBV	464632	653212	25.70%	2.084%
86	20.065	3079	3082	3087	rVB2	103649	197547	7.77%	0.630%
87	20.241	3109	3112	3116	rBV	291044	283095	11.14%	0.903%
88	20.300	3119	3122	3128	rVB	364350	398226	15.67%	1.270%
89	20.359	3128	3132	3135	rBV	299958	359284	14.13%	1.146%
90	21.694	3355	3359	3365	rVB	139288	230954	9.09%	0.737%
91	22.082	3421	3425	3433	rBV	118705	222593	8.76%	0.710%

Sum of corrected areas: 31345218

LSC Report - Integrated Chromatogram

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Data File : BF095437.D
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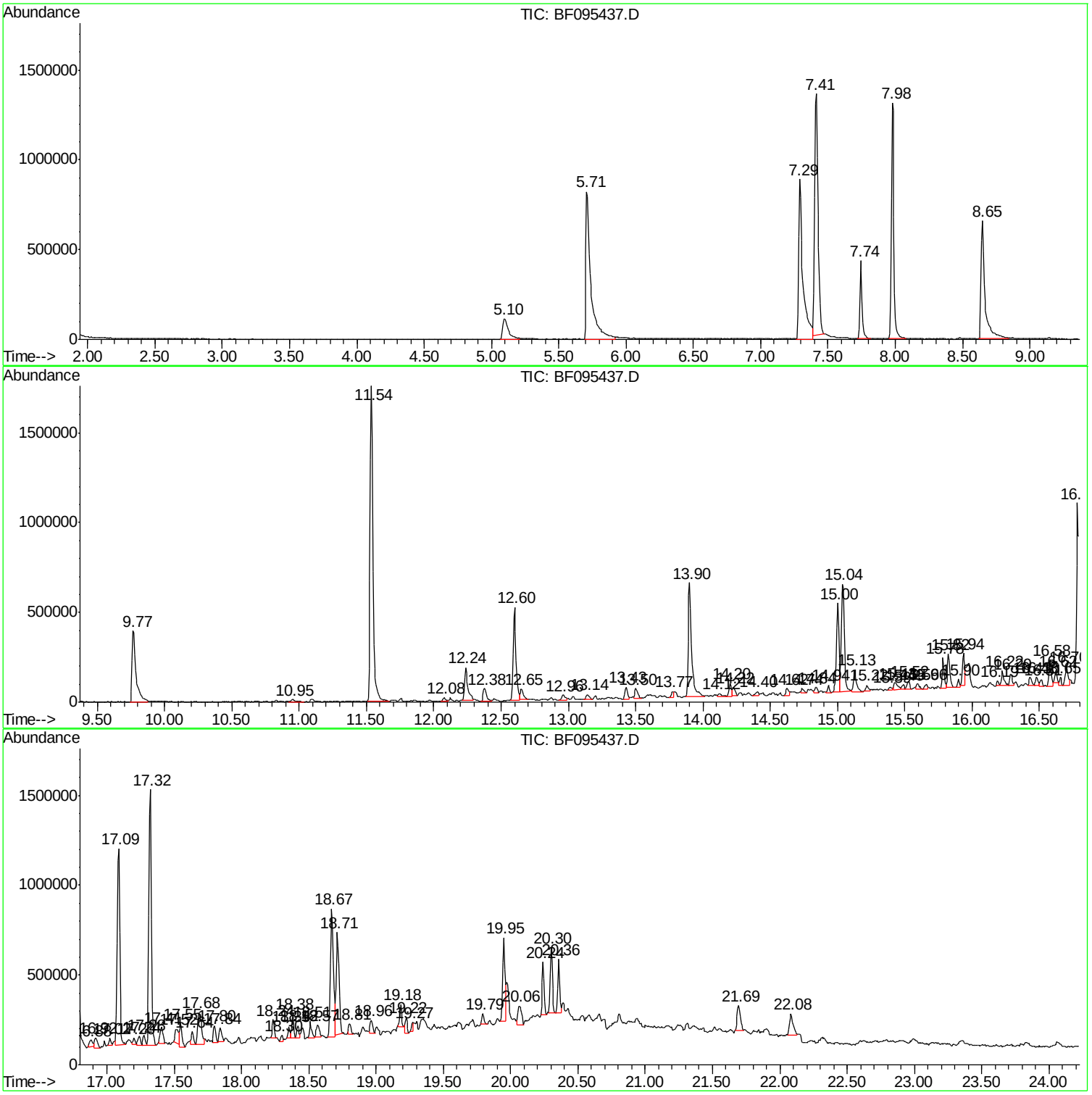
Operator : SJ/MA
Sample : I3223-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-43-20170517

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 : BF095437.D
Acq On : 25 May 2017 22:32
Operator : SJ/MA
Sample : I3223-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-43-20170517

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

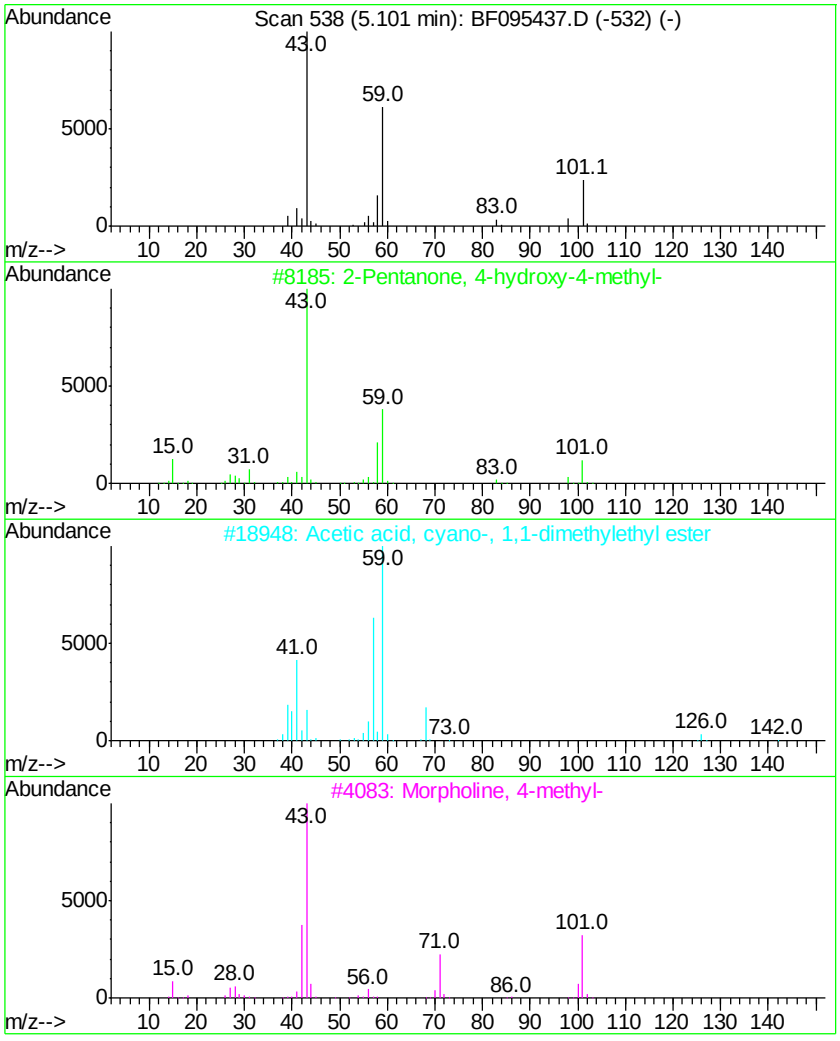
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

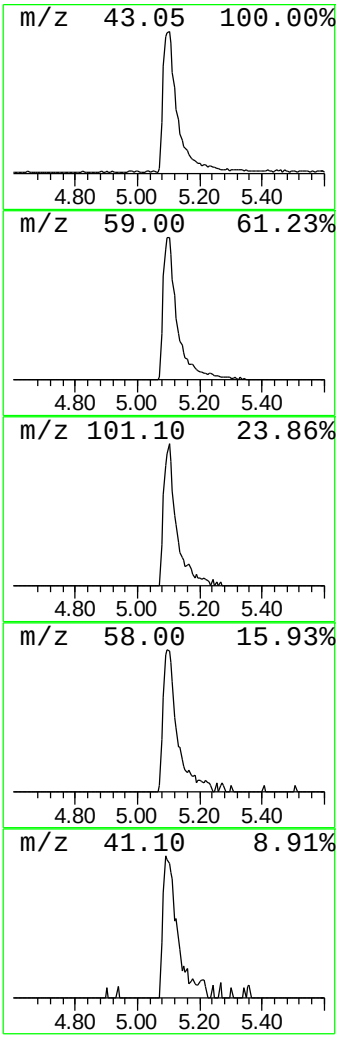
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	12.86 ng	339397	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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Data File : BF095437.D
Acq On : 25 May 2017 22:32
Operator : SJ/MA
Sample : I3223-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-43-20170517

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

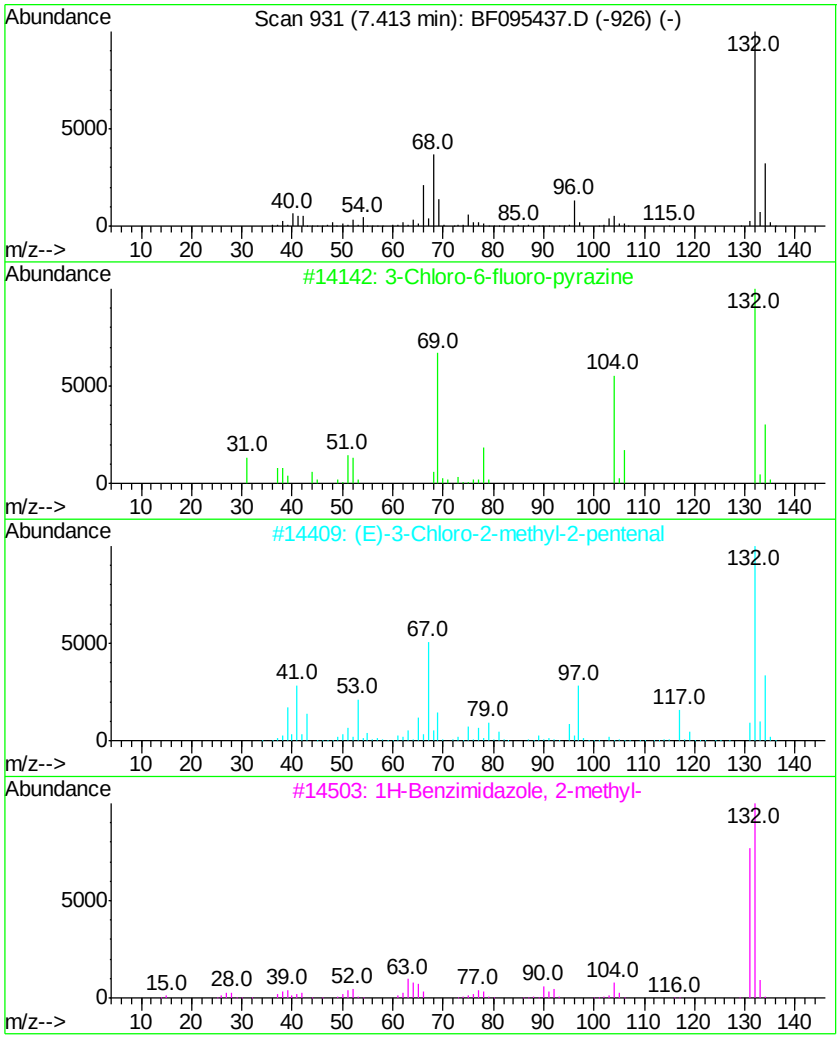
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

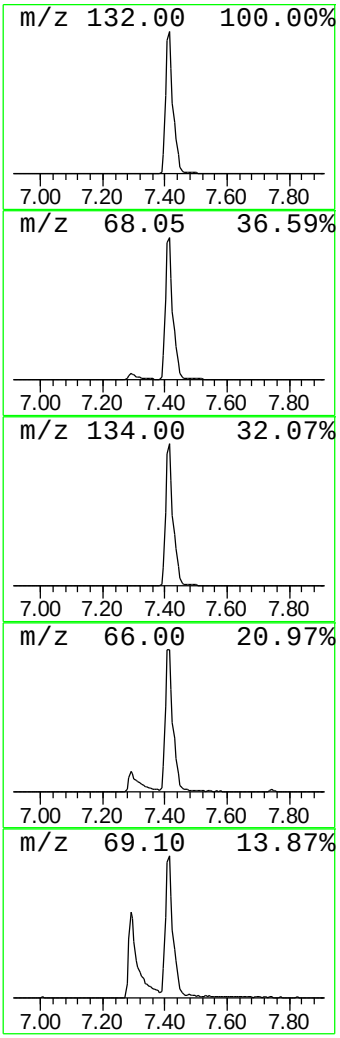
****

Peak Number 2 unknown7.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	86.30 ng	2278180	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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : I3223-02
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Instrument : BNA_F
ClientSampleId : POSTEX-43-20170517

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

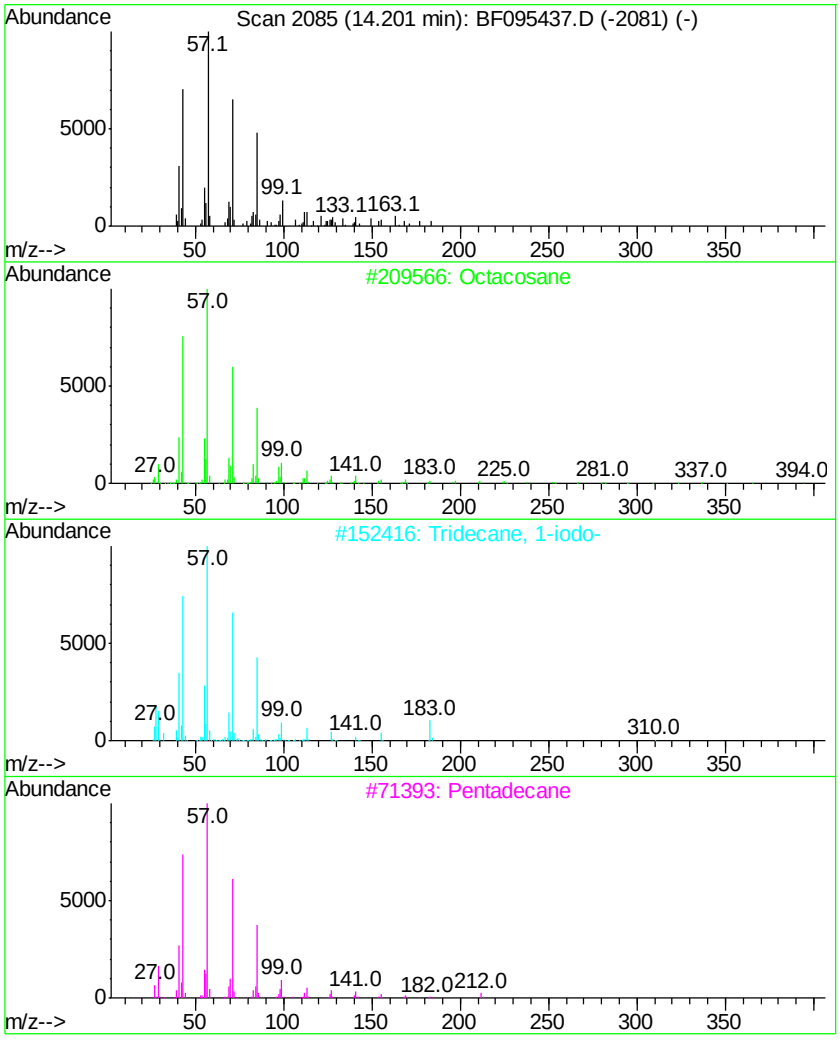
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

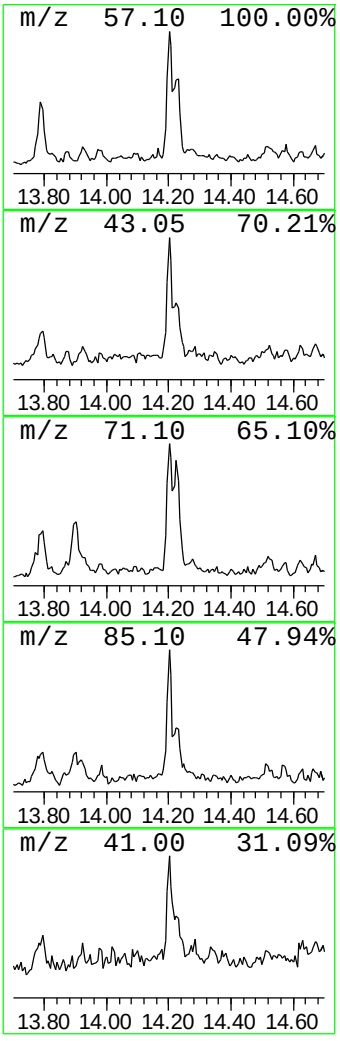
****

Peak Number 5 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.22 ng	98007	Phenanthrene-d10	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	74
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
3	Pentadecane	212	C15H32	000629-62-9	72
4	Tetracosane	338	C24H50	000646-31-1	72
5	Octadecane	254	C18H38	000593-45-3	72





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-43-20170517

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

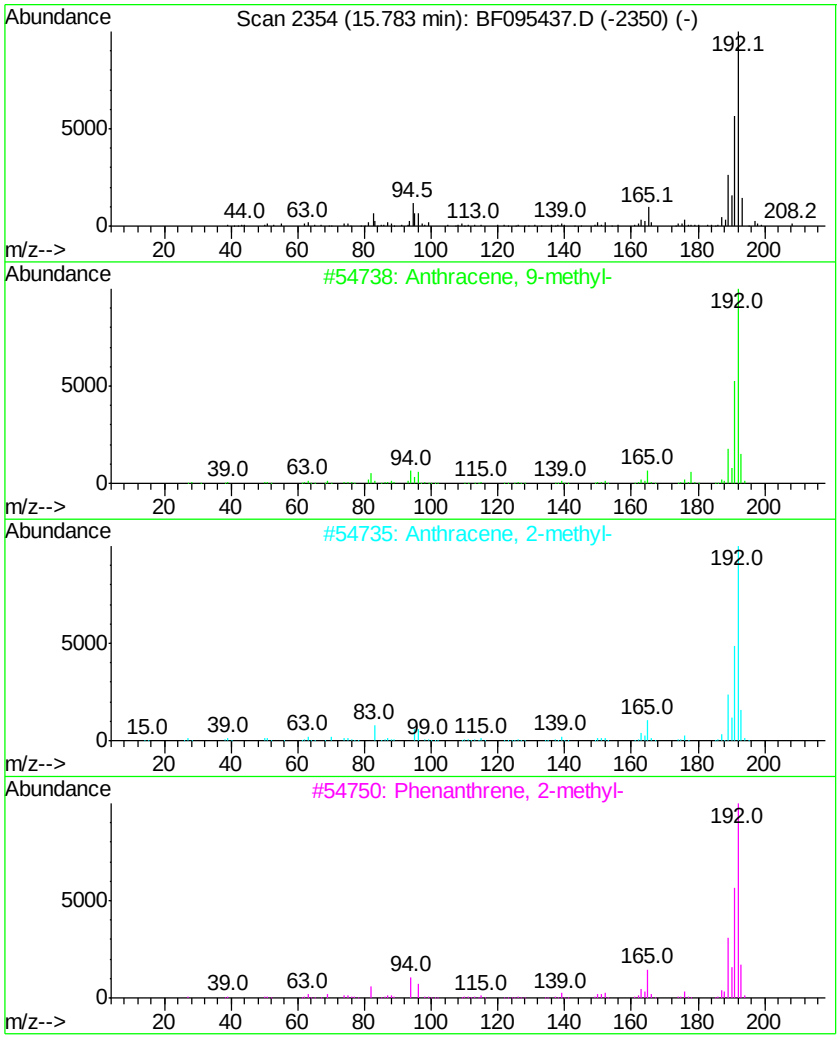
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

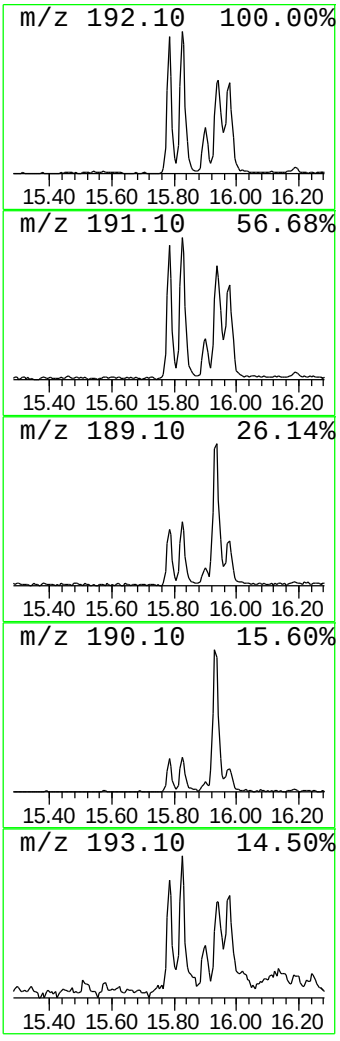
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	6.21 ng	188994	Phenanthrene-d10	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Operator : SJ/MA
Sample : I3223-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-43-20170517

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

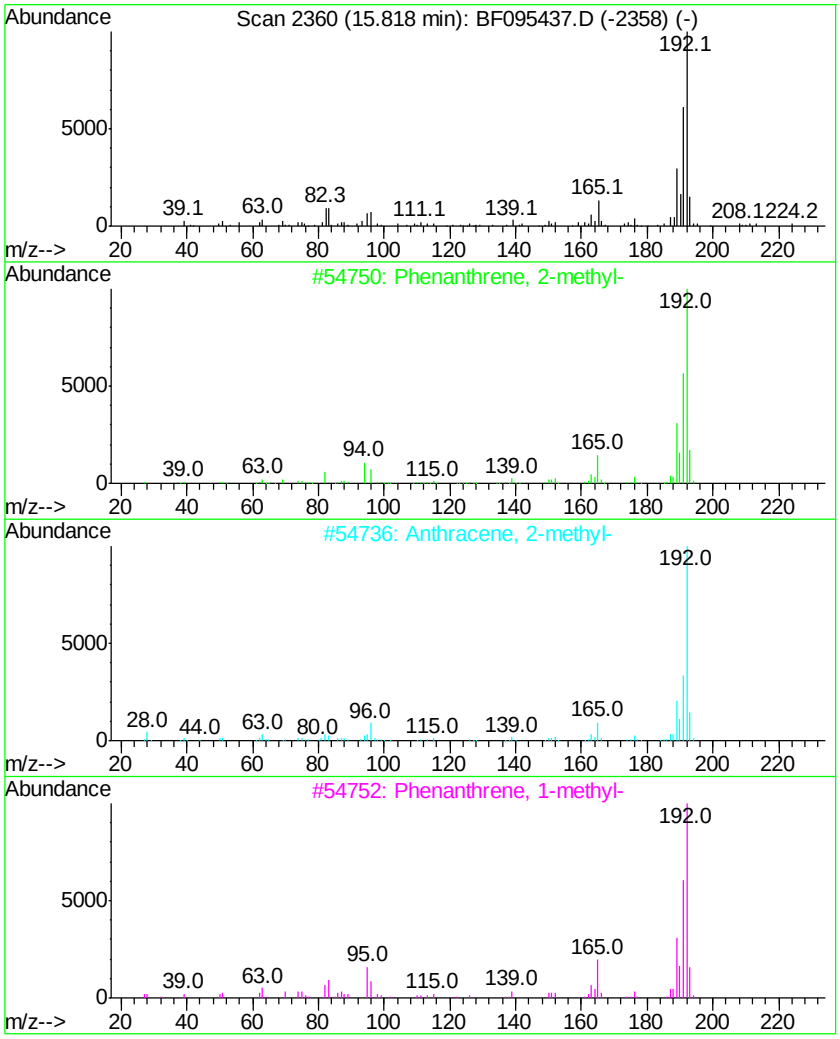
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

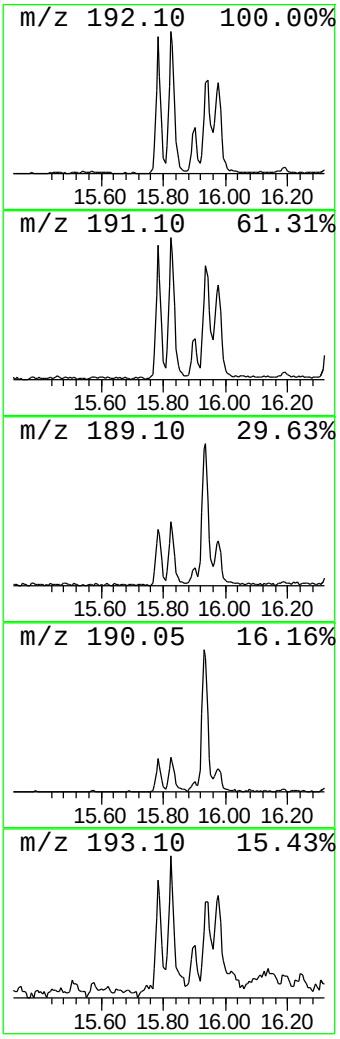
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	7.50 ng	228331	Phenanthrene-d10	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Data File : BF095437.D
Acq On : 25 May 2017 22:32
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Sample : I3223-02
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Instrument : BNA_F
ClientSampleId : POSTEX-43-20170517

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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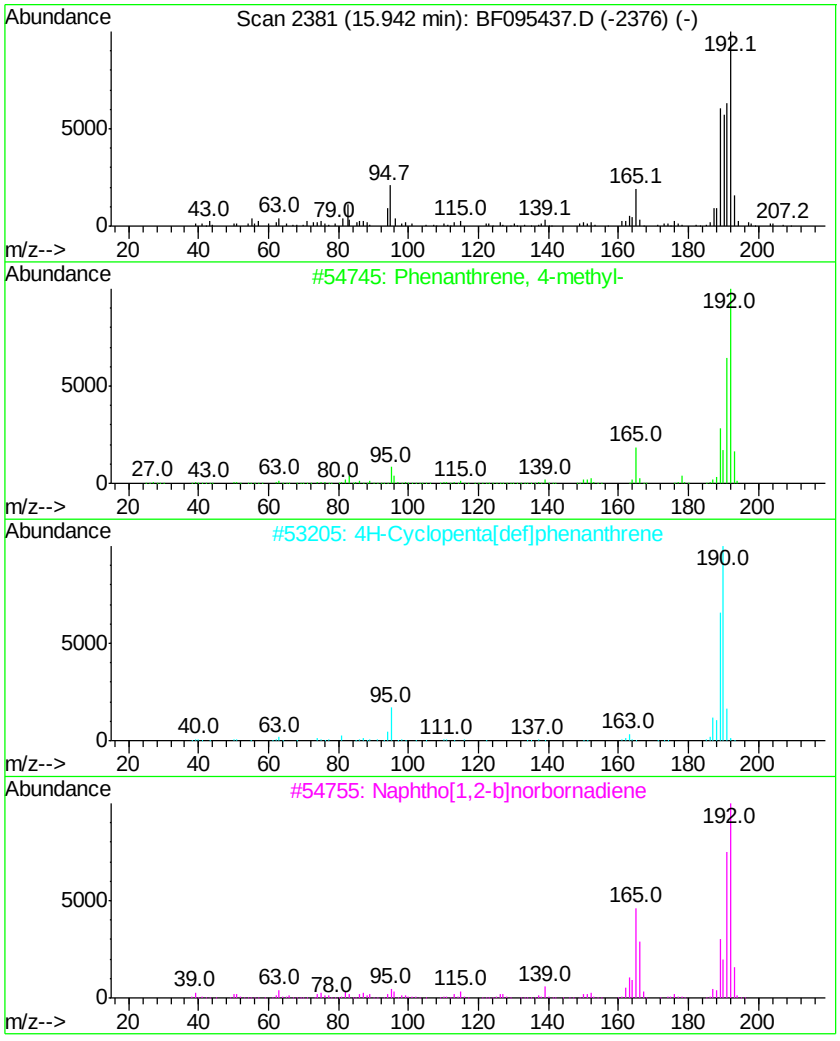
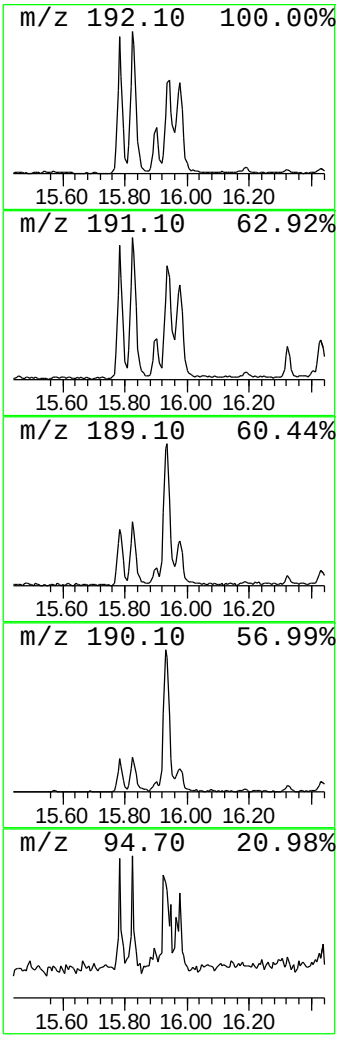
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	7.63 ng	232418	Phenanthrene-d10	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	50
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	46
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46





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Acq On : 25 May 2017 22:32
Operator : SJ/MA
Sample : I3223-02
Misc :
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ClientSampleId : POSTEX-43-20170517

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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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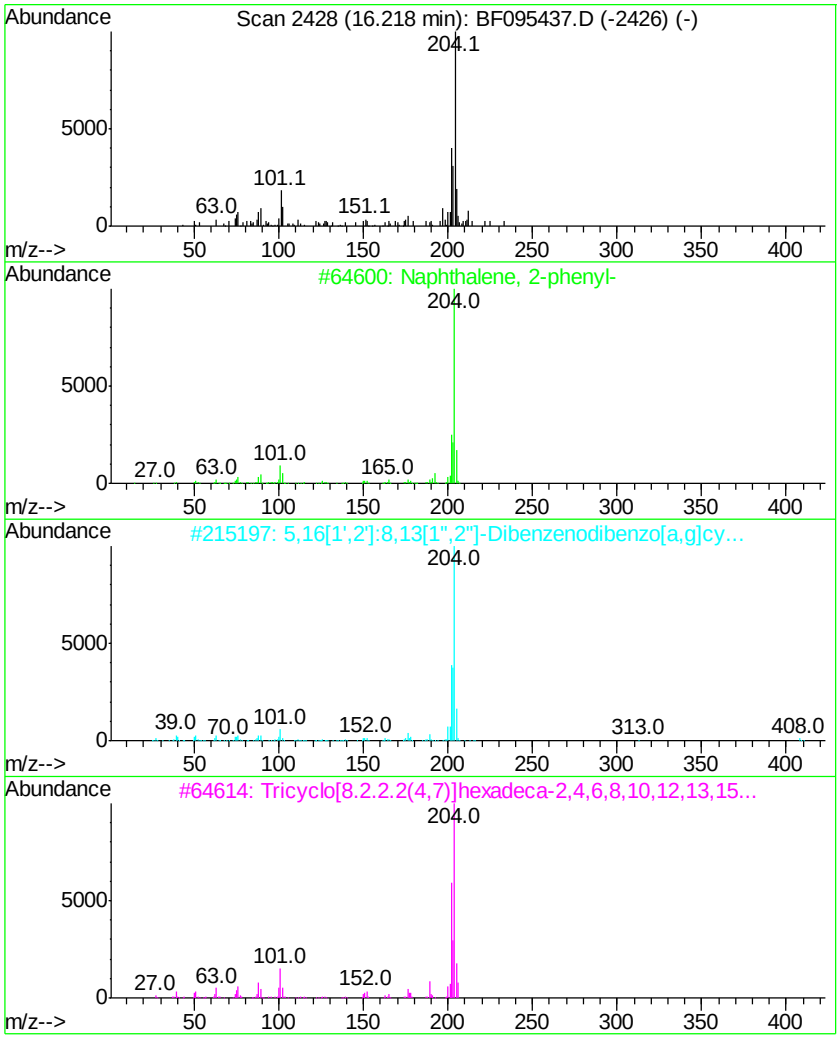
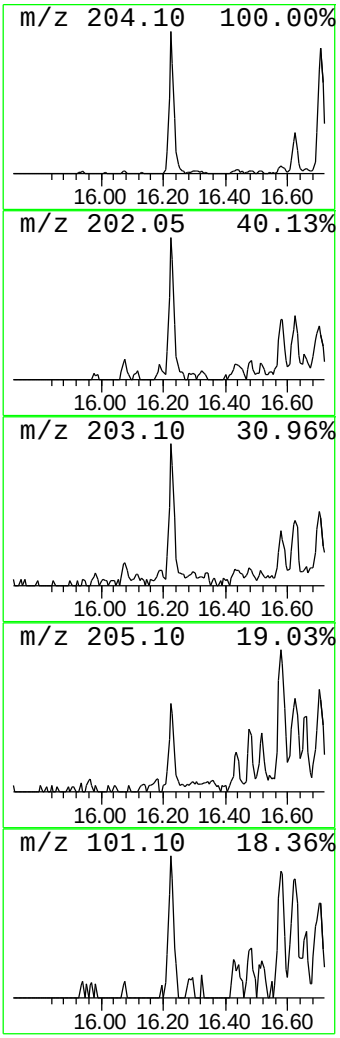
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	3.49 ng	106384	Phenanthrene-d10	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	58





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Instrument :
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ClientSampleId :
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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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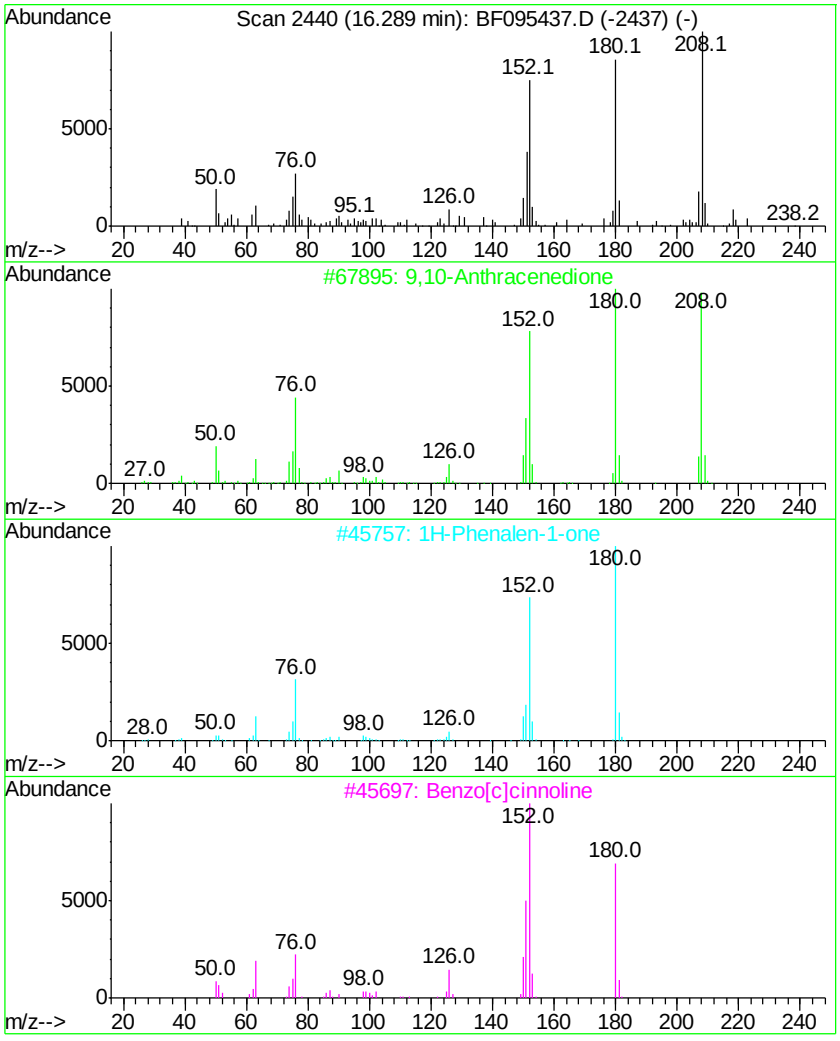
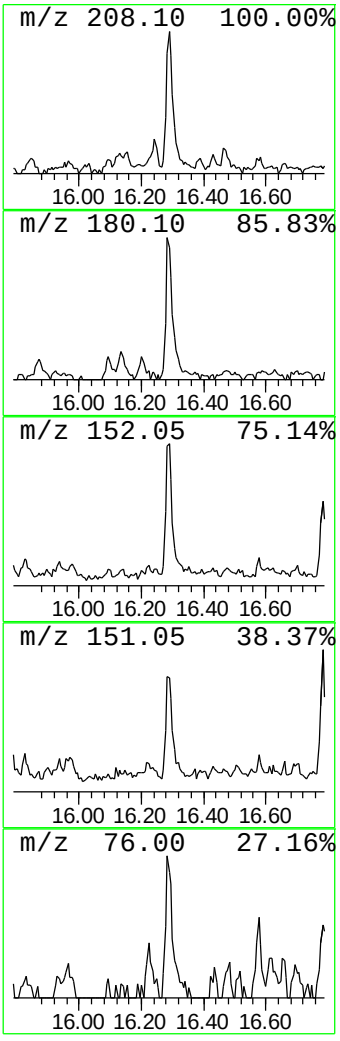
Peak Number 10 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.71 ng	82543	Phenanthrene-d10	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	90
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





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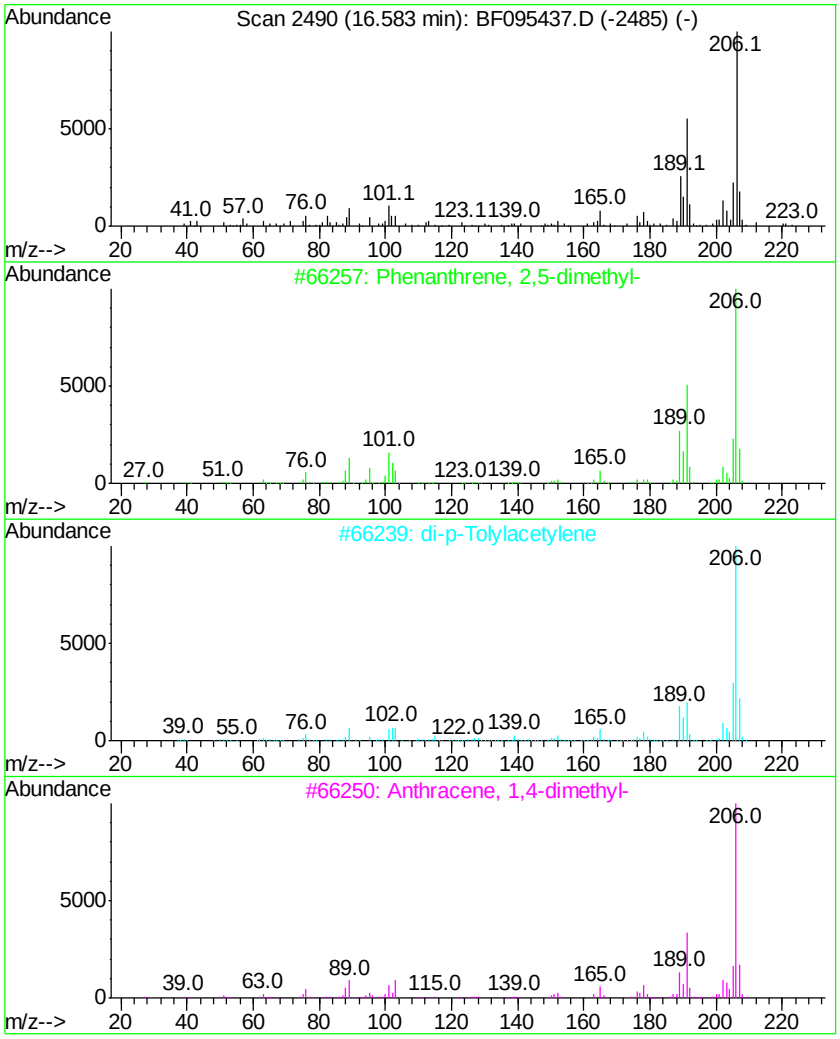
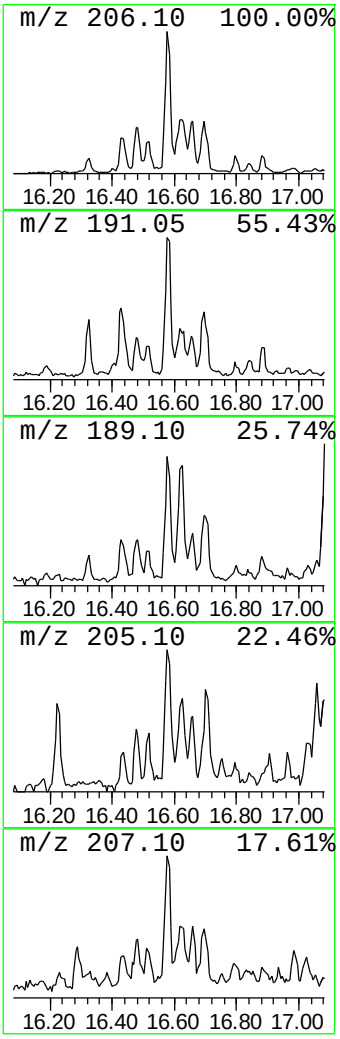
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	6.43 ng	195670	Phenanthrene-d10	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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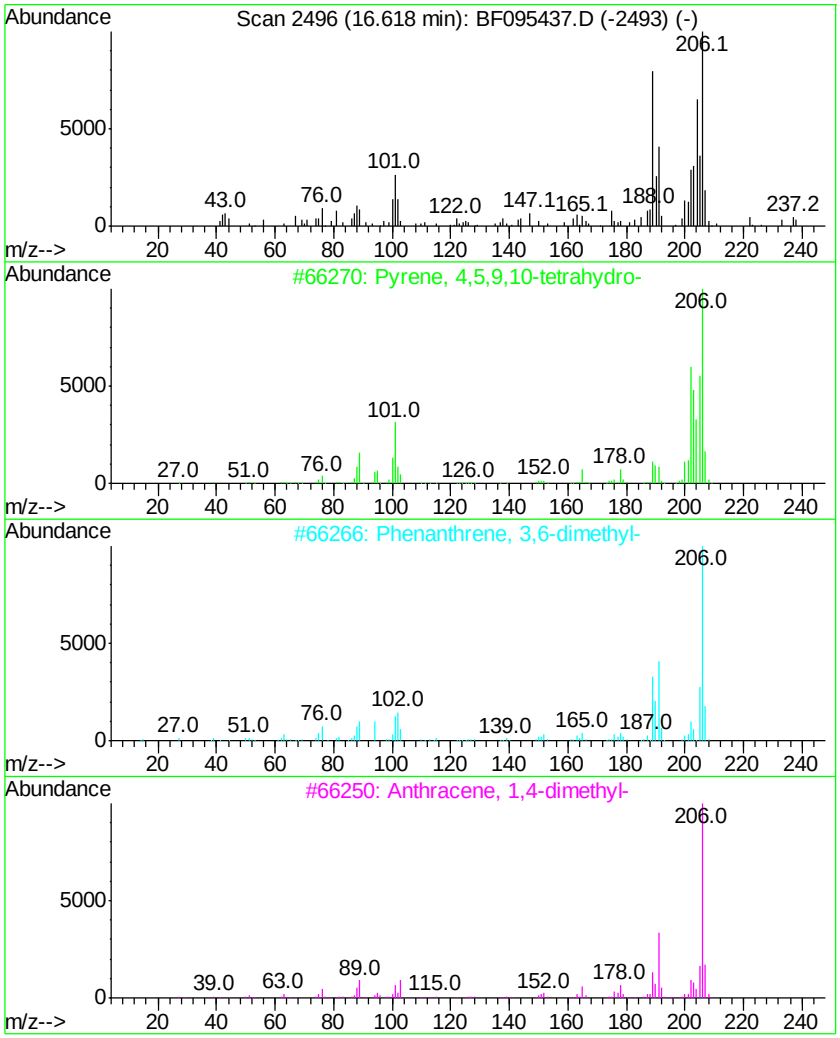
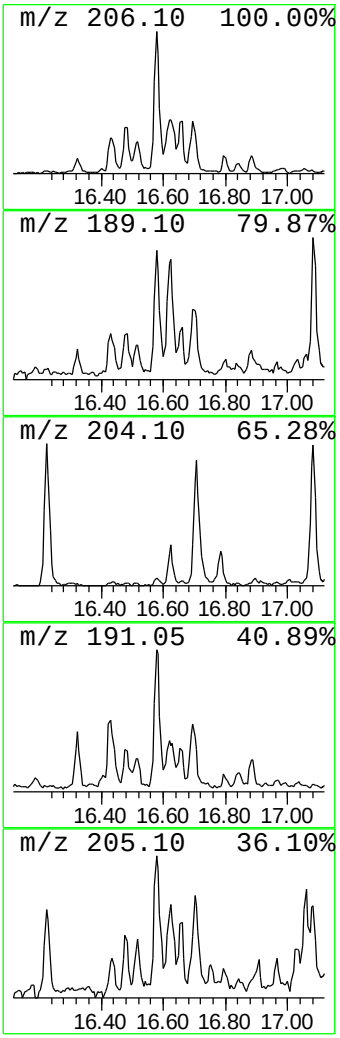
Peak Number 12 unknown16.62 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.71 ng	82626	Phenanthrene-d10	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	25
4	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	25
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	25





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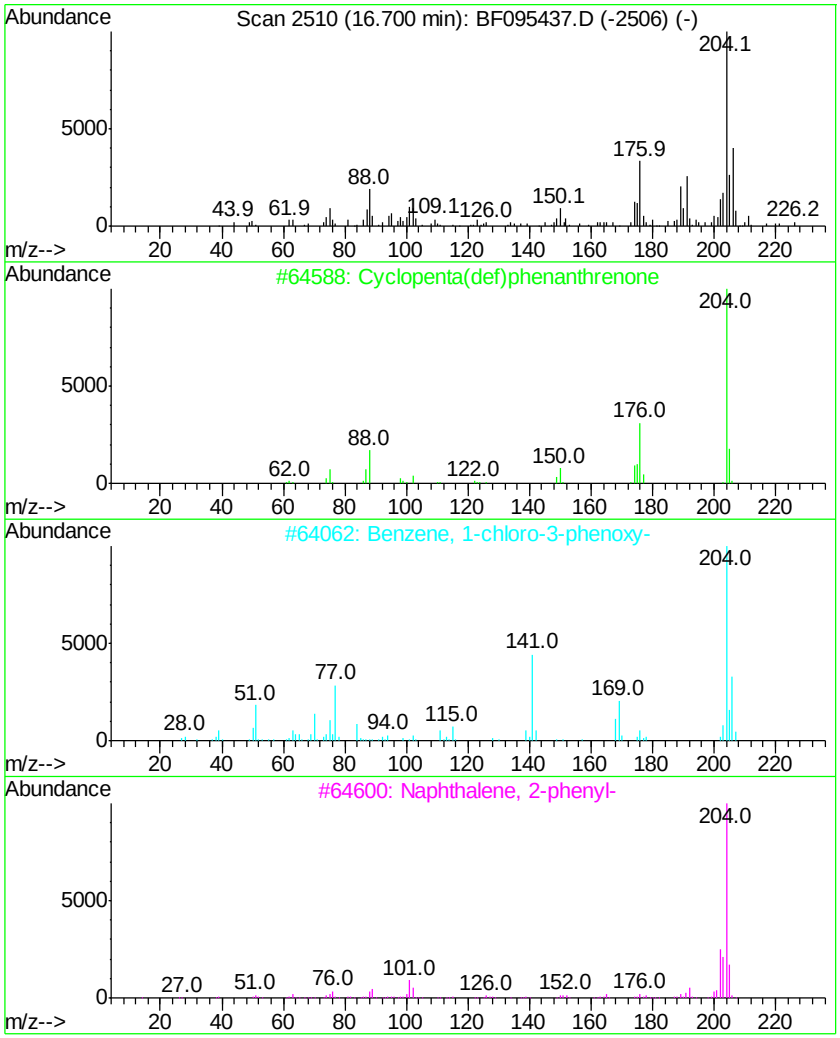
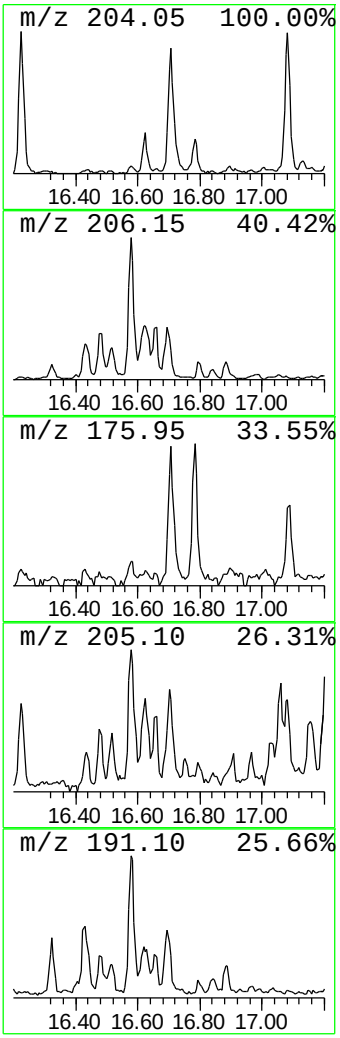
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	5.44 ng	165802	Phenanthrene-d10	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	49
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	46
5	2H-Imidazol-2-one, 1,3-dihydro-4...	204	C11H12N2O2	1000338-04-7	43





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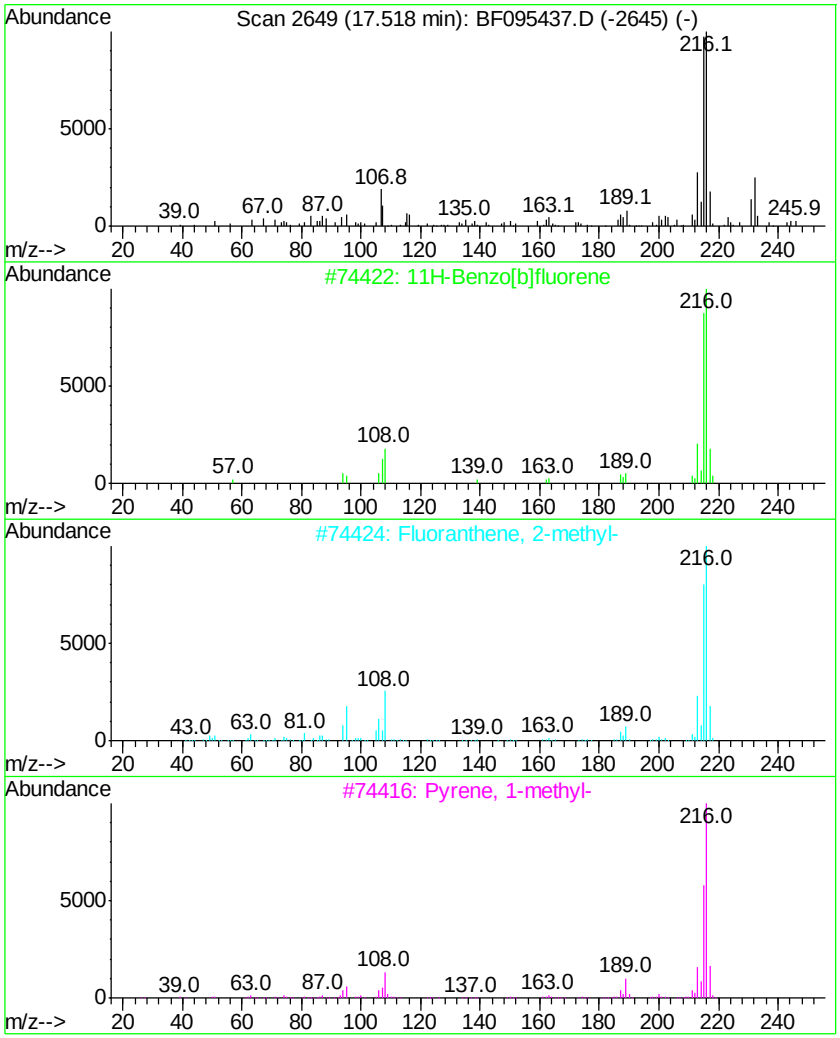
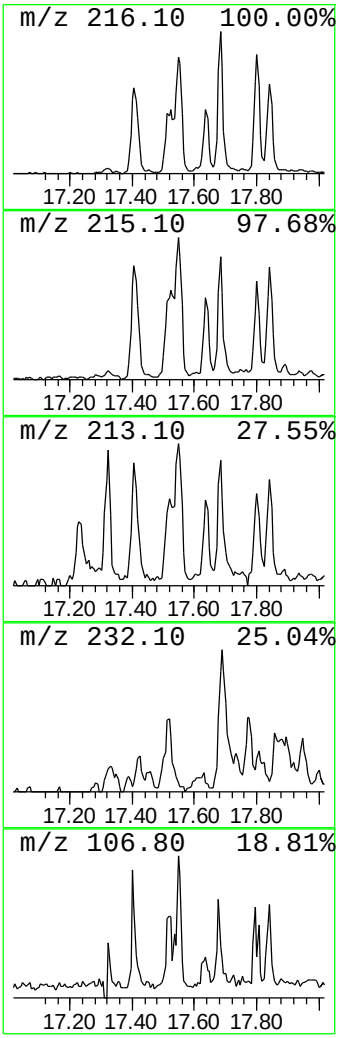
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	2.29 ng	138737	Chrysene-d12	18.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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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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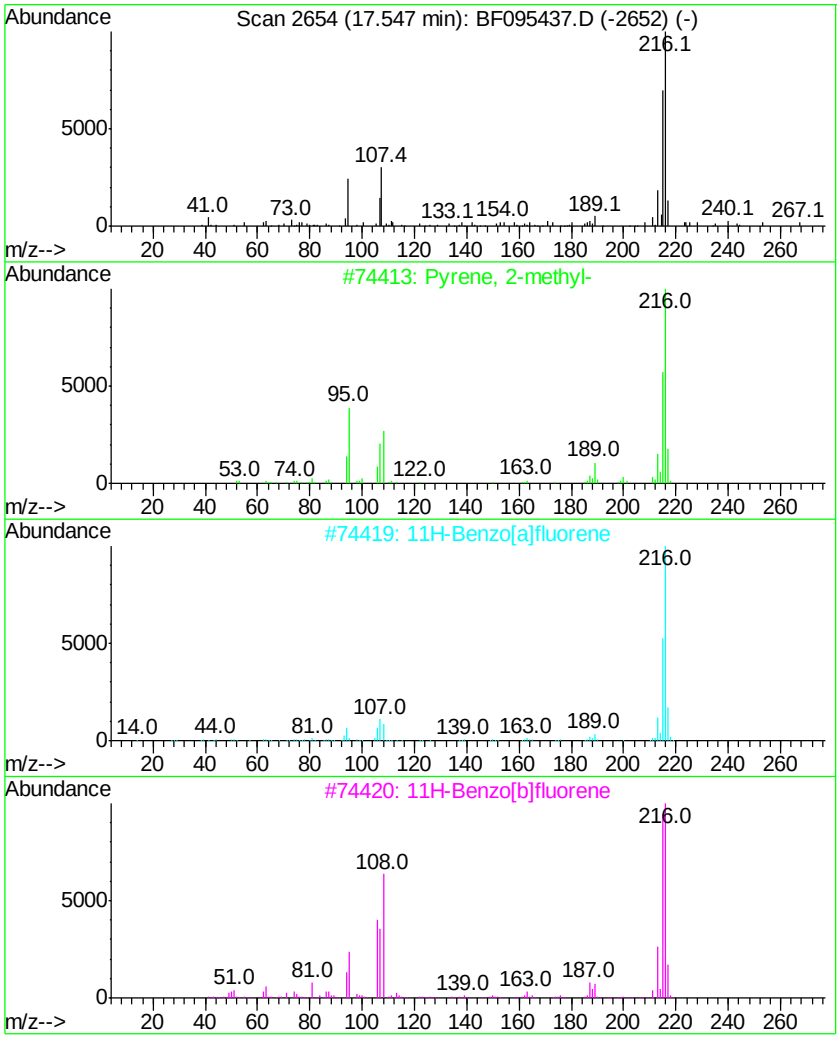
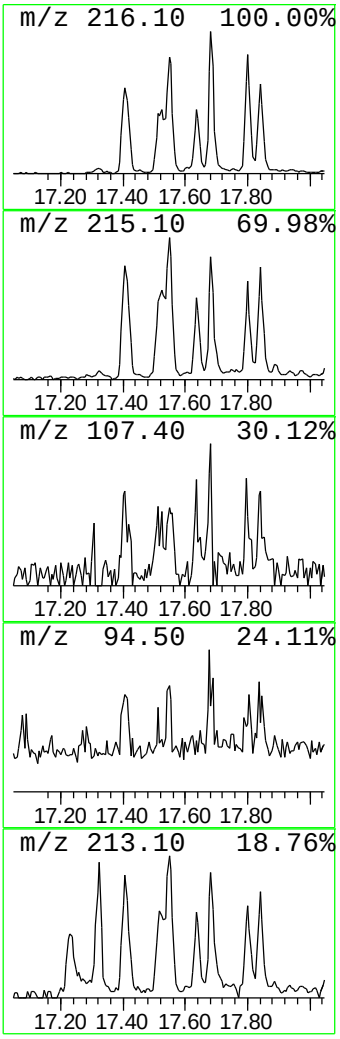
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	2.63 ng	159413	Chrysene-d12	18.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	53





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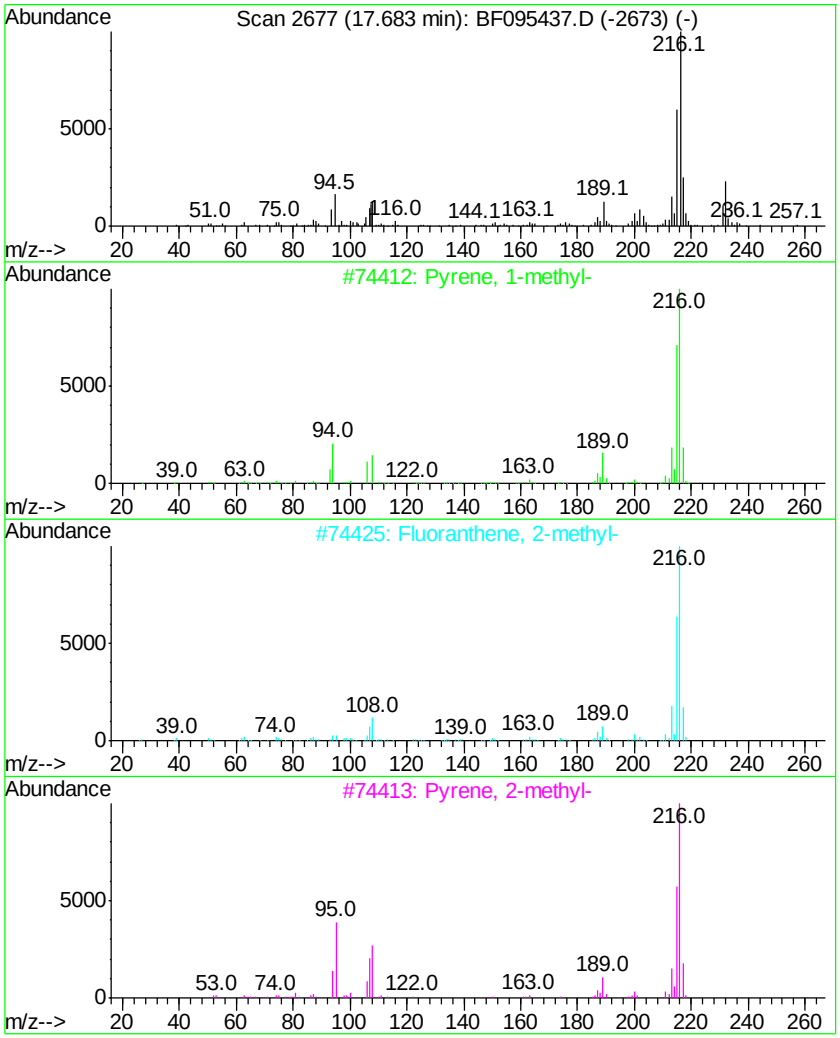
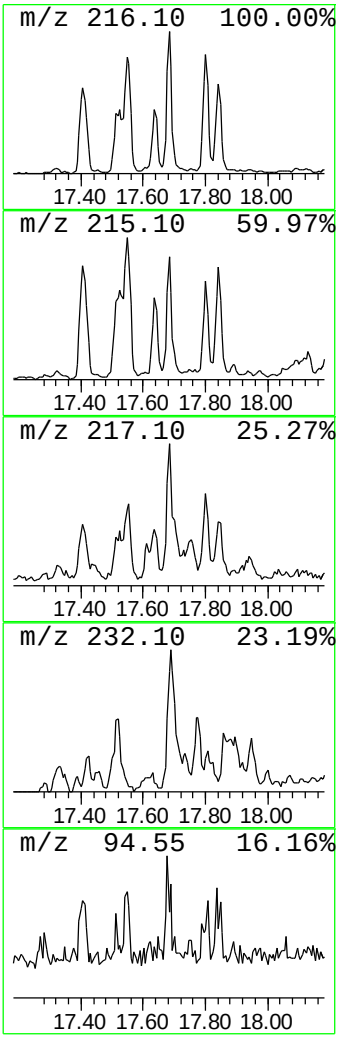
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	5.70 ng	345072	Chrysene-d12	18.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





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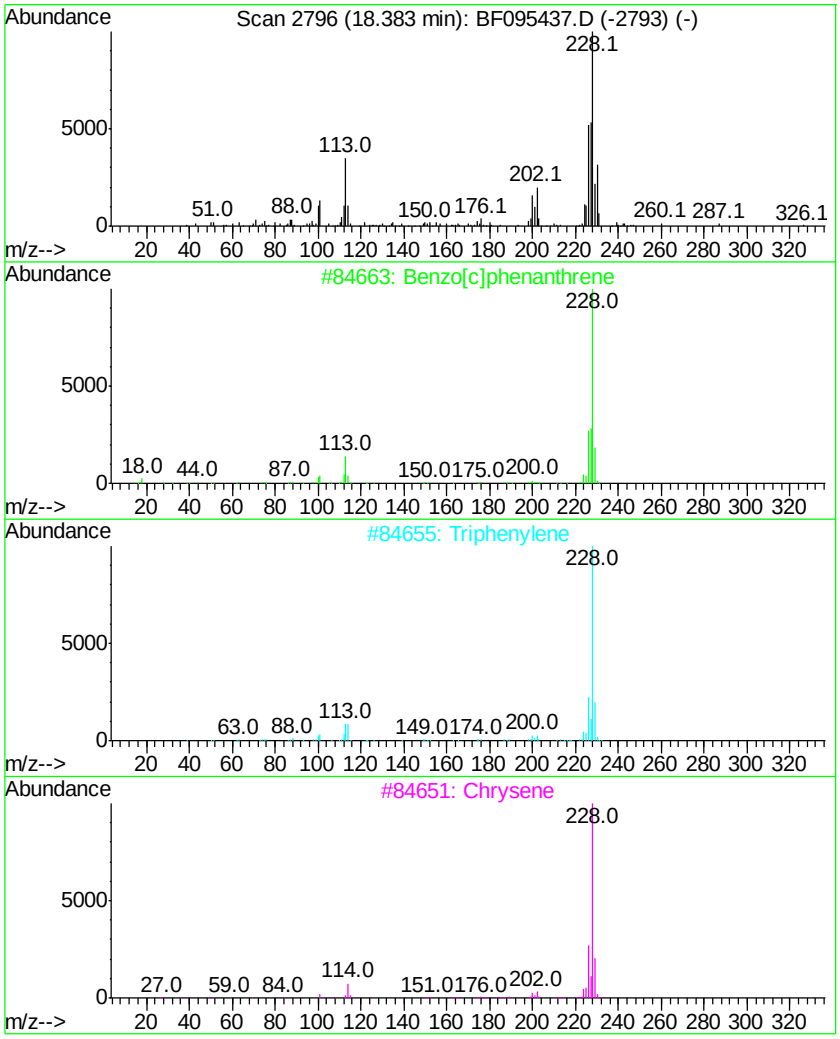
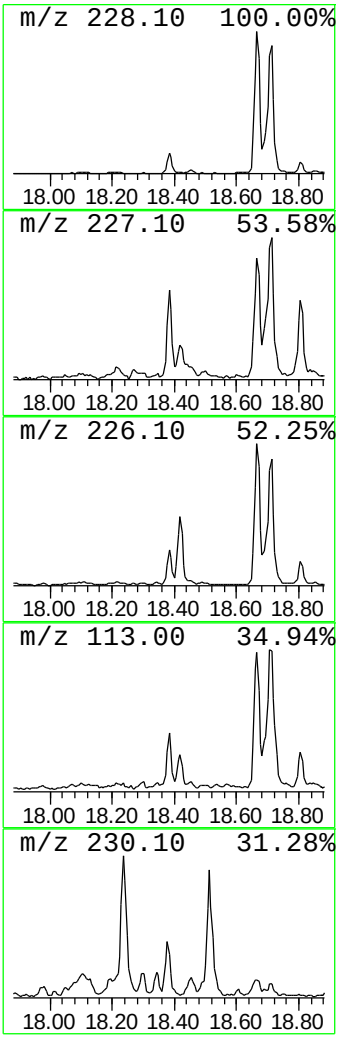
Peak Number 17 Benzo[c]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.44 ng	147575	Chrysene-d12	18.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
2	Triphenylene	228	C18H12	000217-59-4	60
3	Chrysene	228	C18H12	000218-01-9	50
4	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	49
5	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	38





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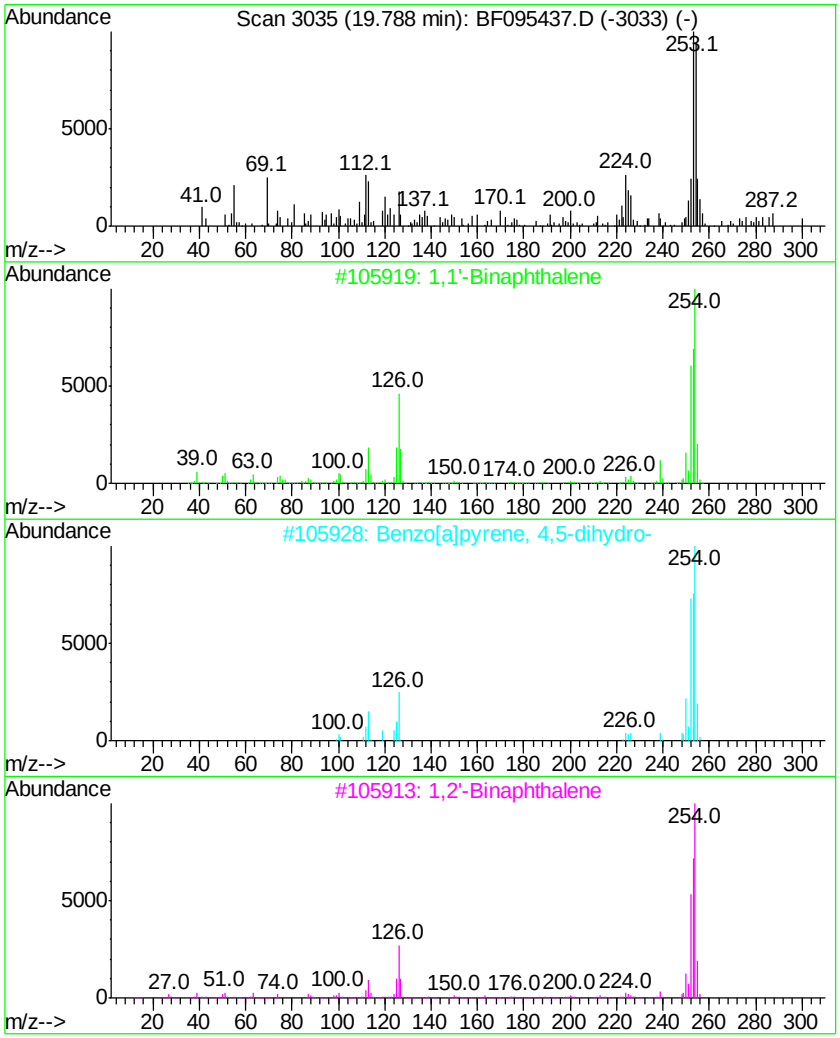
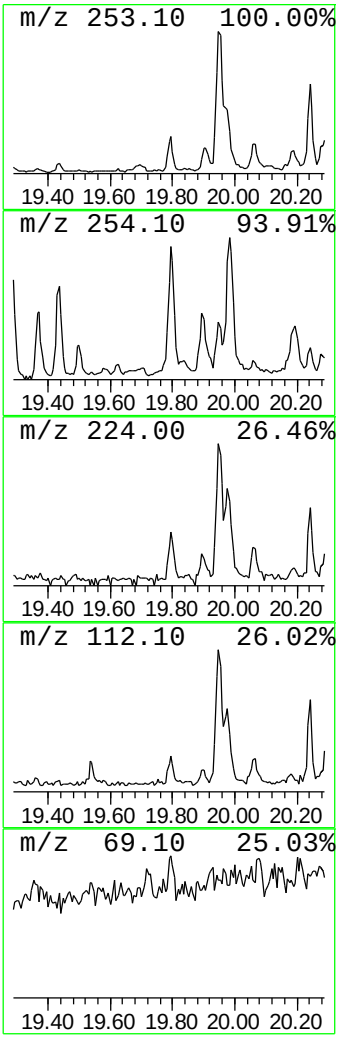
Peak Number 18 1,1'-Binaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	4.05 ng	72790	Perylene-d12	20.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	76
2	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	68
3	1,2'-Binaphthalene	254	C20H14	004325-74-0	64
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	59





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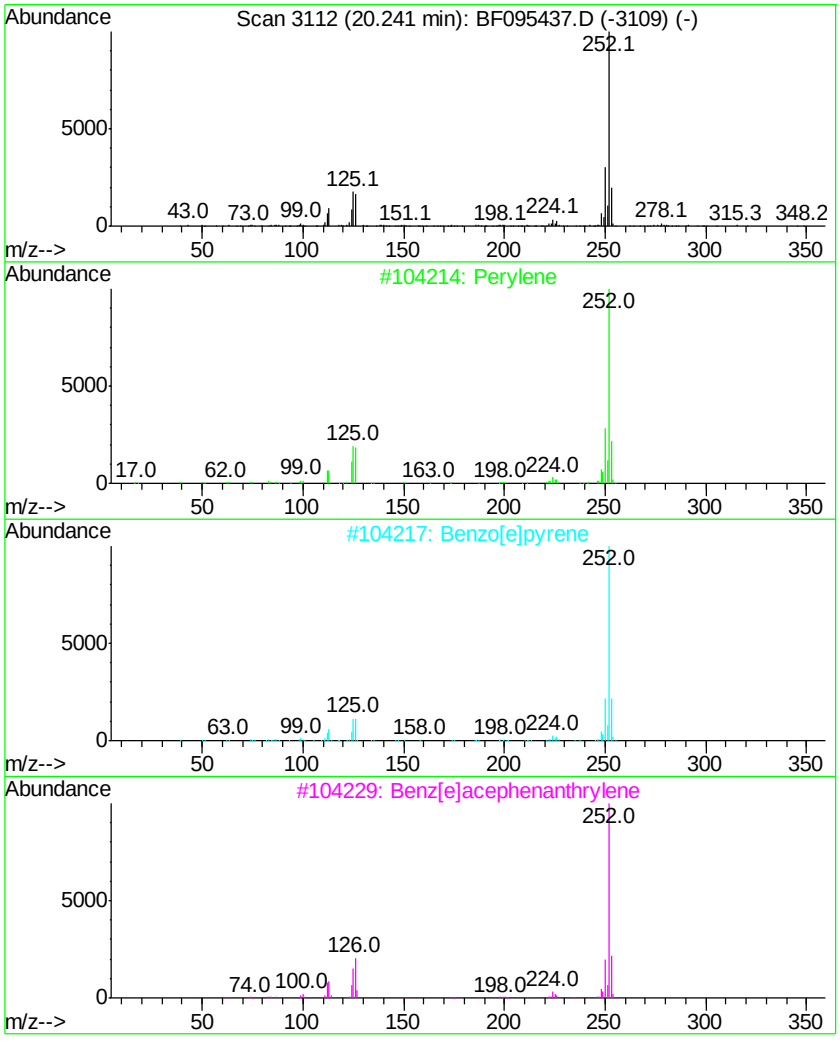
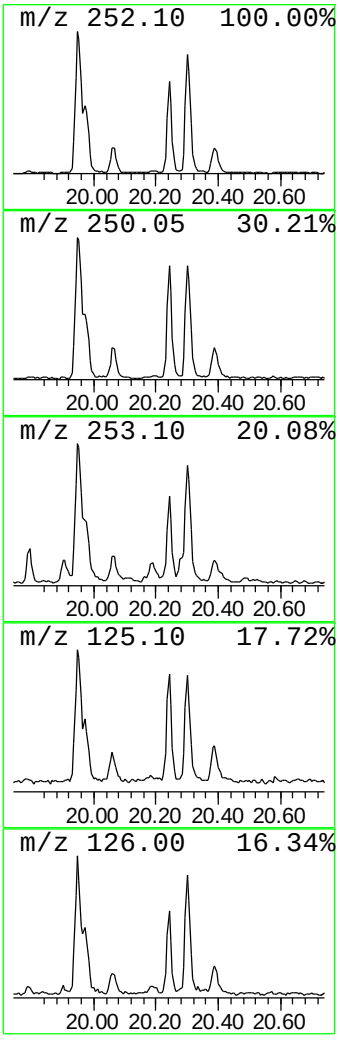
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	15.76 ng	283095	Perylene-d12	20.36

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	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : POSTEX-43-20170517

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	12.9	ng	339397	1	7.74	527965	20.0
unknown7.41	7.41	86.3	ng	2278180	1	7.74	527965	20.0
Octacosane	14.20	3.2	ng	98007	4	15.00	609037	20.0
Anthracene, 9-met...	15.78	6.2	ng	188994	4	15.00	609037	20.0
Phenanthrene, 2-m...	15.82	7.5	ng	228331	4	15.00	609037	20.0
Phenanthrene, 4-m...	15.94	7.6	ng	232418	4	15.00	609037	20.0
Naphthalene, 2-ph...	16.22	3.5	ng	106384	4	15.00	609037	20.0
9,10-Anthracenedione	16.29	2.7	ng	82543	4	15.00	609037	20.0
Phenanthrene, 2,5...	16.58	6.4	ng	195670	4	15.00	609037	20.0
unknown16.62	16.62	2.7	ng	82626	4	15.00	609037	20.0
Cyclopenta(def)ph...	16.70	5.4	ng	165802	4	15.00	609037	20.0
11H-Benzo[b]fluorene	17.52	2.3	ng	138737	5	18.68	1211620	20.0
Pyrene, 2-methyl-	17.55	2.6	ng	159413	5	18.68	1211620	20.0
Pyrene, 1-methyl-	17.68	5.7	ng	345072	5	18.68	1211620	20.0
Benzo[c]phenanthrene	18.38	2.4	ng	147575	5	18.68	1211620	20.0
1,1'-Binaphthalene	19.79	4.0	ng	72790	6	20.36	359284	20.0
Perylene	20.24	15.8	ng	283095	6	20.36	359284	20.0