LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095915.D
Acq On : 14 Jun 2017 2:44
Operator : SJ/MA
Sample : I3635-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061217-C

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	5.281	624	628	646	rBV	47932	161917	12.38%	1.192%
2	6.951	909	912	922	rBV	51892	143779	10.99%	1.058%
3	7.028	922	925	941	rVB2	122786	297761	22.77%	2.192%
4	7.351	975	980	996	rBV	308300	411337	31.45%	3.028%
5	7.587	1016	1020	1037	rBV	124990	191694	14.66%	1.411%
6	8.281	1135	1138	1156	rBV	41193	112320	8.59%	0.827%
7	9.380	1321	1325	1344	rBV	393556	530909	40.60%	3.908%
8	11.163	1623	1628	1643	rBV	213208	288035	22.02%	2.120%
9	11.863	1744	1747	1755	rBV	10931	15632	1.20%	0.115%
10	12.204	1800	1805	1811	rBV2	418670	512633	39.20%	3.774%
11	12.257	1811	1814	1820	rVB	18213	28716	2.20%	0.211%
12	13.104	1954	1958	1966	rBB3	14785	19951	1.53%	0.147%
13	13.510	2023	2027	2035	rBV2	67559	109504	8.37%	0.806%
14	14.333	2164	2167	2173	rBV2	18297	25630	1.96%	0.189%
15	14.433	2181	2184	2190	rVB	17884	21043	1.61%	0.155%
16	14.598	2208	2212	2215	rBV	374151	452997	34.64%	3.335%
17	14.633	2215	2218	2229	rVB	466560	640125	48.95%	4.712%
18	14.727	2230	2234	2245	rVB2	37993	58621	4.48%	0.432%
19	14.815	2245	2249	2256	rBV2	11232	21976	1.68%	0.162%
20	15.039	2283	2287	2295	rBV	33468	47890	3.66%	0.353%
21	15.404	2346	2349	2353	rBV	58287	64935	4.97%	0.478%
22	15.451	2353	2357	2362	rVB	68930	83165	6.36%	0.612%
23	15.557	2371	2375	2379	rBV2	65125	87615	6.70%	0.645%
24	15.604	2379	2383	2394	rVB	38170	61984	4.74%	0.456%
25	15.857	2422	2426	2432	rBV	54483	62196	4.76%	0.458%
26	15.915	2432	2436	2447	rVB	99702	142103	10.87%	1.046%
27	16.068	2458	2462	2465	rBV2	11346	15012	1.15%	0.111%
28	16.115	2467	2470	2474	rBV2	15056	17789	1.36%	0.131%
29	16.221	2483	2488	2491	rBV	30697	39358	3.01%	0.290%
30	16.257	2491	2494	2498	rVB	17553	20897	1.60%	0.154%
31	16.339	2504	2508	2516	rBV	84939	103626	7.92%	0.763%
32	16.421	2516	2522	2527	rBV	1149169	1307787	100.00%	9.627%
33	16.527	2535	2540	2543	rBV3	23970	35621	2.72%	0.262%
34	16.615	2550	2555	2558	rBV	28955	36788	2.81%	0.271%

LSC Area Percent Report

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Data File : BF095915.D
Acq On : 14 Jun 2017 2:44
Operator : SJ/MA
Sample : I3635-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061217-C

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	16.668	2561	2564	2568	rVB	18483	23486	1.80%	0.173%
36	16.721	2568	2573	2578	rBV	1025785	1230619	94.10%	9.059%
37	16.815	2584	2589	2592	rBV	31773	41630	3.18%	0.306%
38	16.915	2602	2606	2611	rBV	61469	69080	5.28%	0.509%
39	16.968	2611	2615	2621	rBV	235560	282986	21.64%	2.083%
40	17.027	2621	2625	2626	rBV	19916	22214	1.70%	0.164%
41	17.051	2626	2629	2635	rVB	40770	59058	4.52%	0.435%
42	17.104	2635	2638	2642	rVB	15652	15969	1.22%	0.118%
43	17.162	2643	2648	2650	rBV3	46571	77030	5.89%	0.567%
44	17.192	2650	2653	2659	rVB3	64726	94048	7.19%	0.692%
45	17.251	2659	2663	2665	rBV4	13319	19987	1.53%	0.147%
46	17.280	2665	2668	2671	rVB2	32897	40671	3.11%	0.299%
47	17.327	2671	2676	2684	rBV3	89751	187588	14.34%	1.381%
48	17.439	2692	2695	2699	rVB2	34825	42472	3.25%	0.313%
49	17.480	2699	2702	2707	rVV	31582	39109	2.99%	0.288%
50	17.533	2708	2711	2719	rVB10	18819	25648	1.96%	0.189%
51	17.627	2725	2727	2734	rVB6	12675	17390	1.33%	0.128%
52	17.715	2736	2742	2744	rBV7	11245	22088	1.69%	0.163%
53	17.880	2766	2770	2775	rBV	113489	131484	10.05%	0.968%
54	17.998	2786	2790	2792	rBV	70733	83288	6.37%	0.613%
55	18.027	2792	2795	2798	rVV	116421	126767	9.69%	0.933%
56	18.056	2798	2800	2804	rVV	58979	66539	5.09%	0.490%
57	18.098	2804	2807	2810	rVB	55551	60118	4.60%	0.443%
58	18.156	2813	2817	2822	rBV	122191	132109	10.10%	0.972%
59	18.215	2825	2827	2831	rBV	24465	33939	2.60%	0.250%
60	18.315	2838	2844	2848	rBV2	549088	943073	72.11%	6.942%
61	18.356	2848	2851	2856	rVB2	466454	542188	41.46%	3.991%
62	18.445	2862	2866	2871	rVB2	64363	76420	5.84%	0.563%
63	18.545	2877	2883	2890	rBV6	30764	87478	6.69%	0.644%
64	18.603	2890	2893	2897	rVB2	49444	62195	4.76%	0.458%
65	18.650	2897	2901	2906	rVB2	47428	62120	4.75%	0.457%
66	18.703	2907	2910	2912	rBV3	13385	16506	1.26%	0.122%
67	18.827	2926	2931	2935	rBV	64328	87666	6.70%	0.645%
68	18.868	2935	2938	2941	rVB2	42199	49610	3.79%	0.365%
69	18.915	2943	2946	2949	rBV2	50333	73976	5.66%	0.545%
70	18.974	2953	2956	2960	rBV3	32039	50564	3.87%	0.372%
71	19.080	2971	2974	2978	rBV	19082	20899	1.60%	0.154%

LSC Area Percent Report

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Acq On : 14 Jun 2017 2:44
Operator : SJ/MA
Sample : I3635-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061217-C

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.262	3002	3005	3010	rVB	35820	48815	3.73%	0.359%
73	19.439	3031	3035	3039	rBV2	45272	69851	5.34%	0.514%
74	19.545	3049	3053	3056	rBV3	39251	61981	4.74%	0.456%
75	19.592	3056	3061	3063	rVV	420415	583539	44.62%	4.296%
76	19.615	3063	3065	3072	rVB2	202180	253356	19.37%	1.865%
77	19.703	3077	3080	3083	rVV	41512	44575	3.41%	0.328%
78	19.880	3106	3110	3114	rBV	240581	258860	19.79%	1.906%
79	19.939	3116	3120	3124	rBV	308490	317280	24.26%	2.336%
80	19.992	3125	3129	3132	rBV	268881	289935	22.17%	2.134%
81	21.168	3324	3329	3335	rVB2	157616	265766	20.32%	1.956%
82	21.497	3381	3385	3393	rVB	113375	201168	15.38%	1.481%

Sum of corrected areas: 13584484

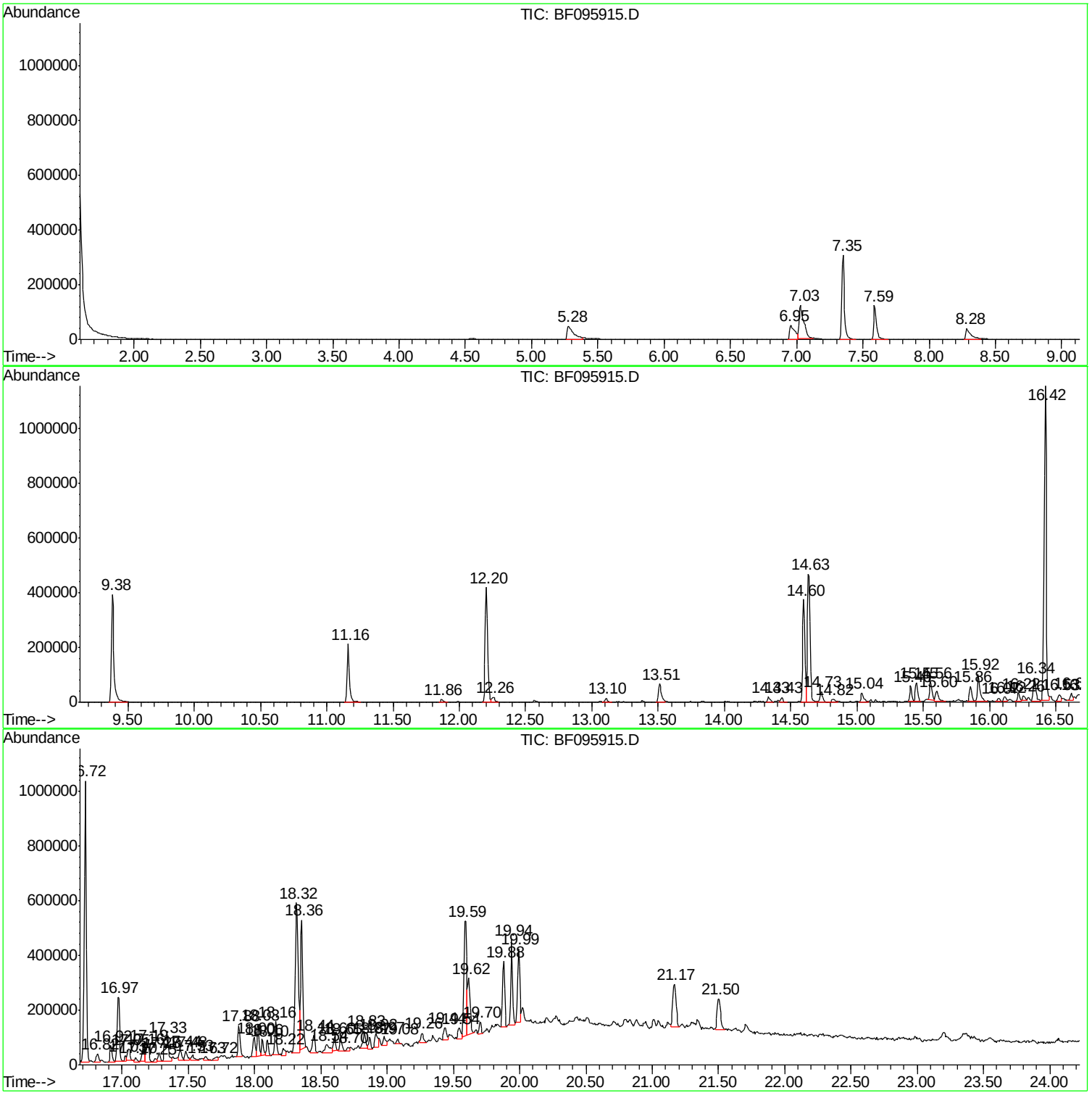
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095915.D
Acq On : 14 Jun 2017 2:44
Operator : SJ/MA
Sample : I3635-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-061217-C

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\BF061317\
Data File : BF095915.D
Acq On : 14 Jun 2017 2:44
Operator : SJ/MA
Sample : I3635-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061217-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

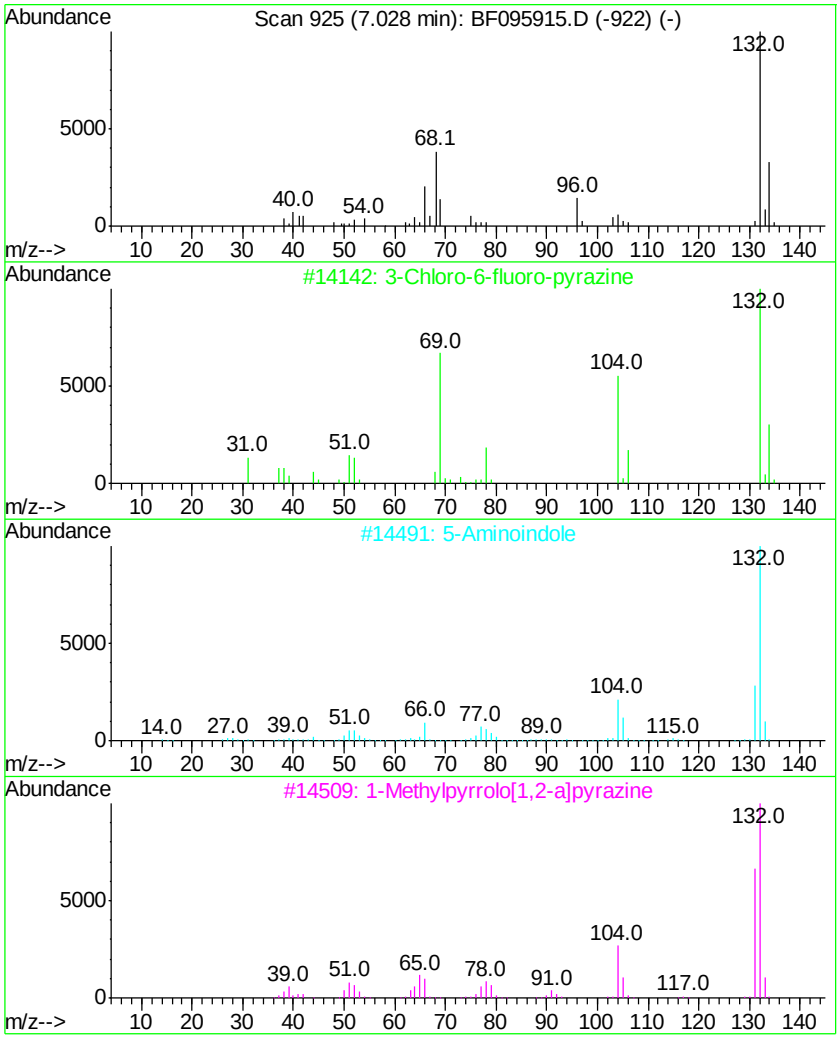
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

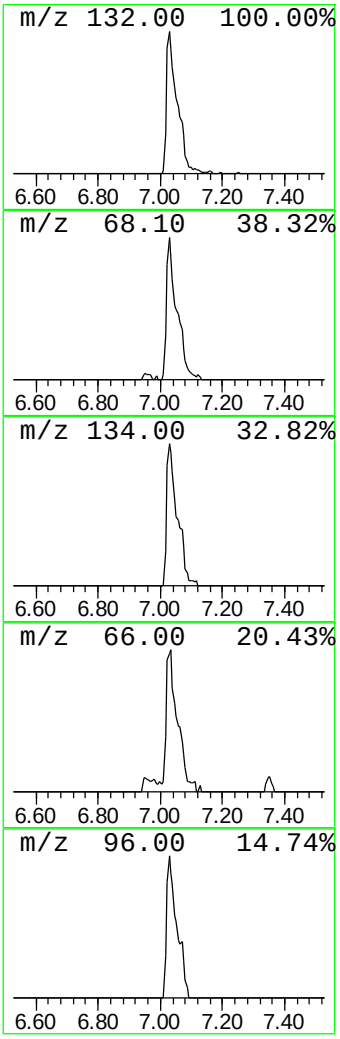
****

Peak Number 1 unknown7.03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	14.48 ng	297761	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095915.D
Acq On : 14 Jun 2017 2:44
Operator : SJ/MA
Sample : I3635-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061217-C

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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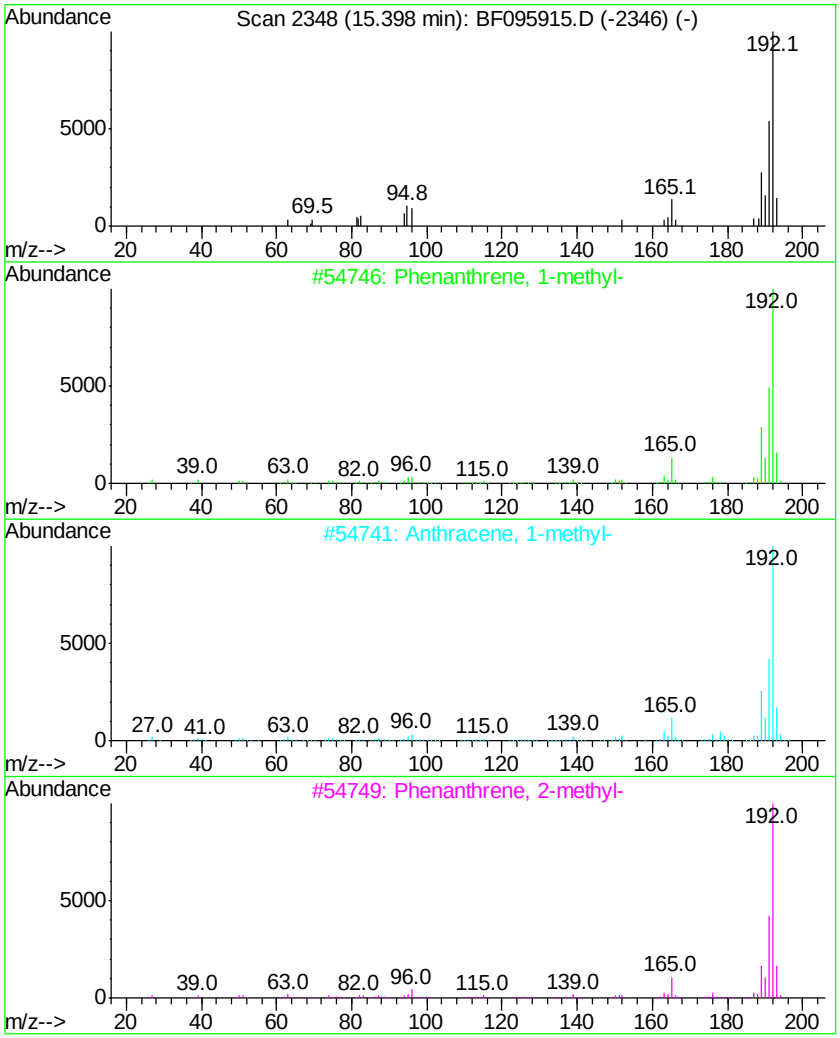
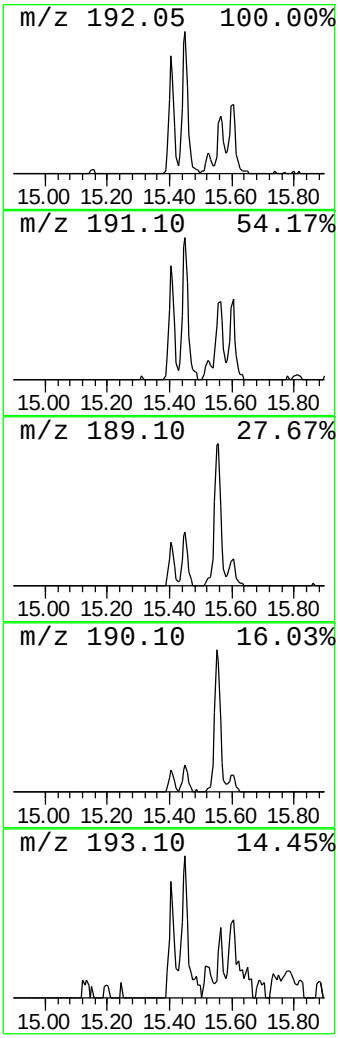
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	2.87 ng	64935	Phenanthrene-d10	14.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095915.D
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Operator : SJ/MA
Sample : I3635-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061217-C

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
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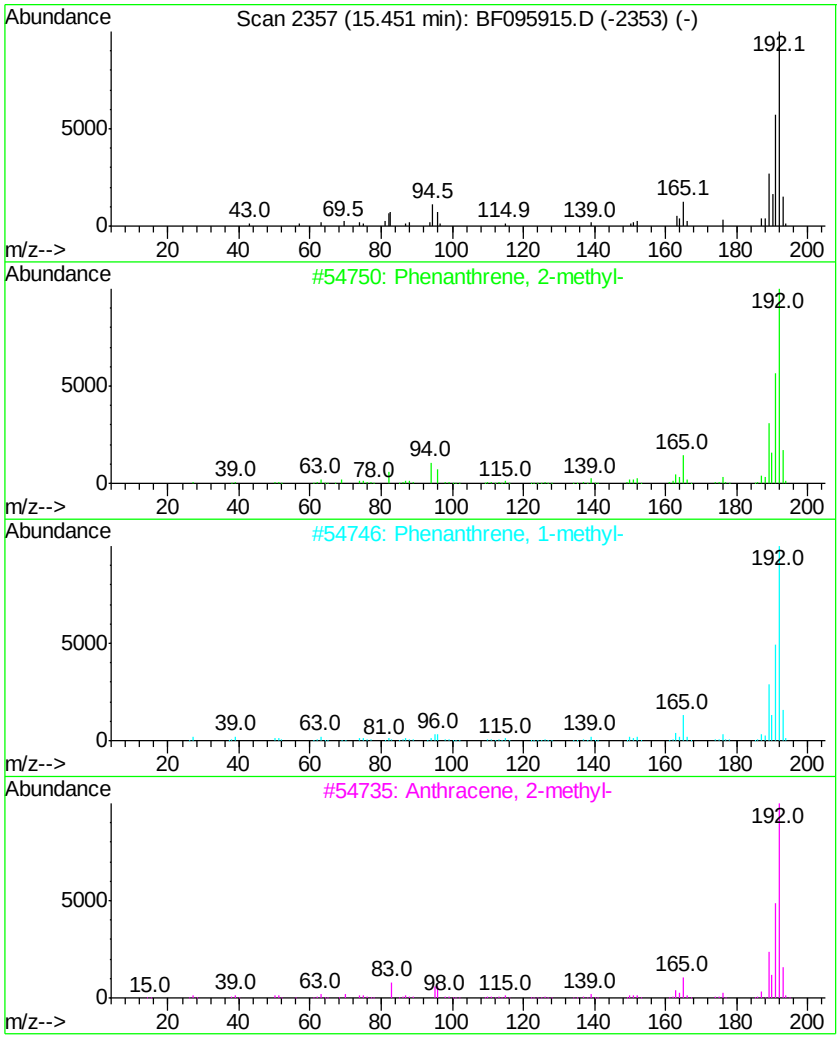
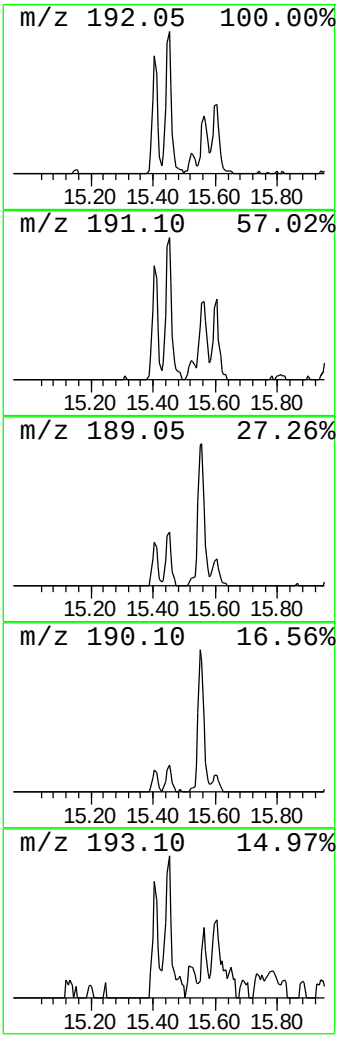
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	3.67 ng	83165	Phenanthrene-d10	14.60

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095915.D
Acq On : 14 Jun 2017 2:44
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Sample : I3635-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061217-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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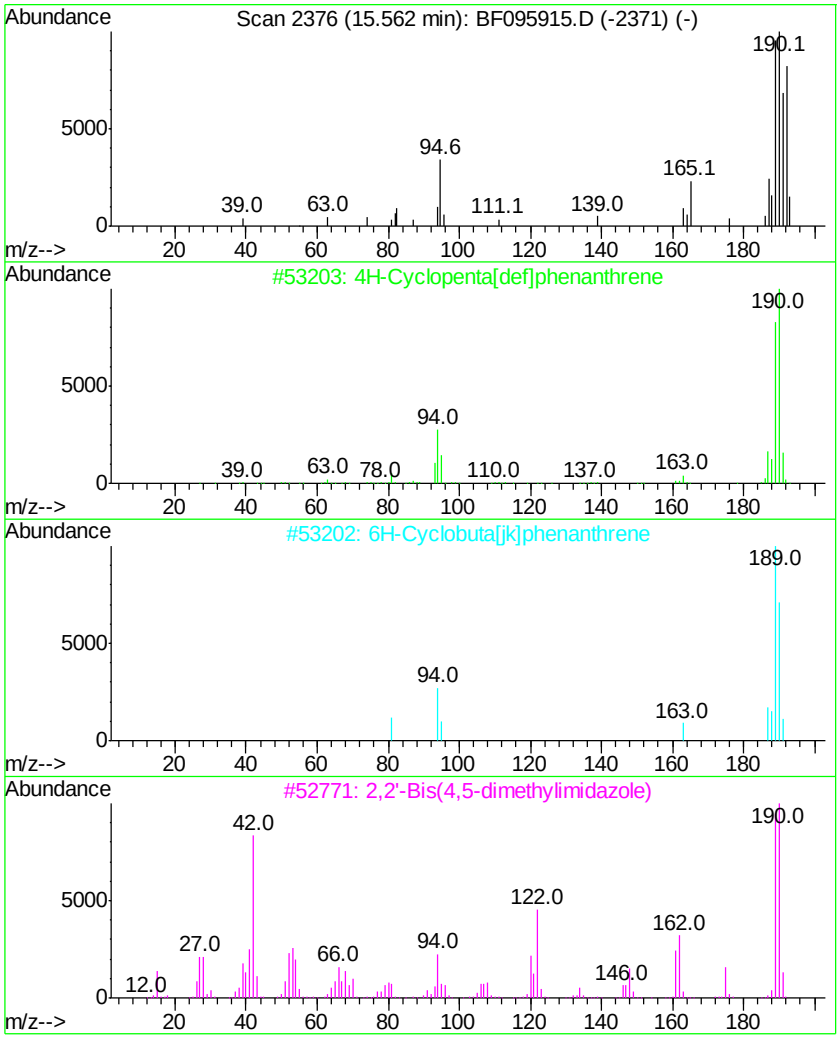
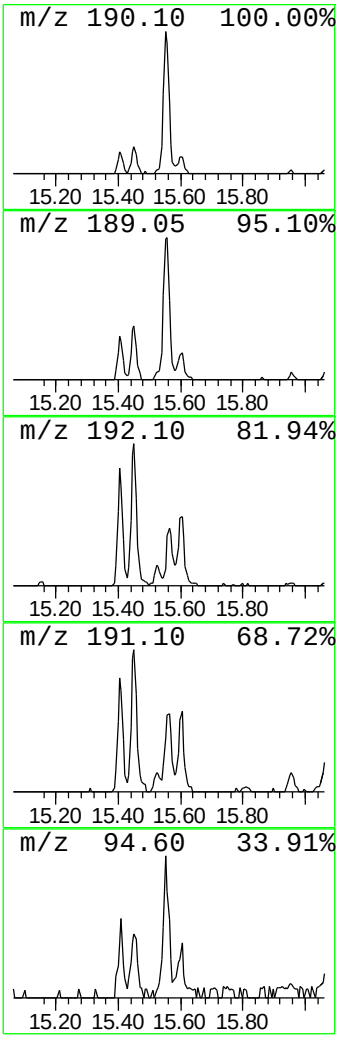
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	3.87 ng	87615	Phenanthrene-d10	14.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095915.D
Acq On : 14 Jun 2017 2:44
Operator : SJ/MA
Sample : I3635-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061217-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

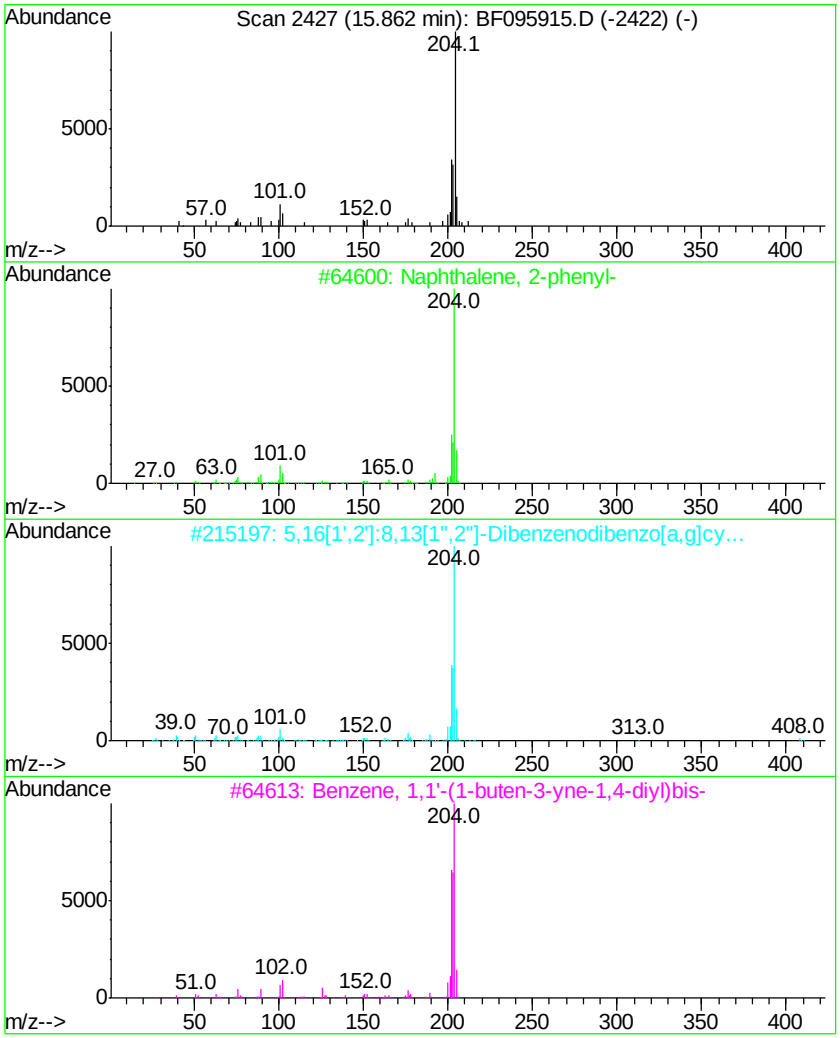
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

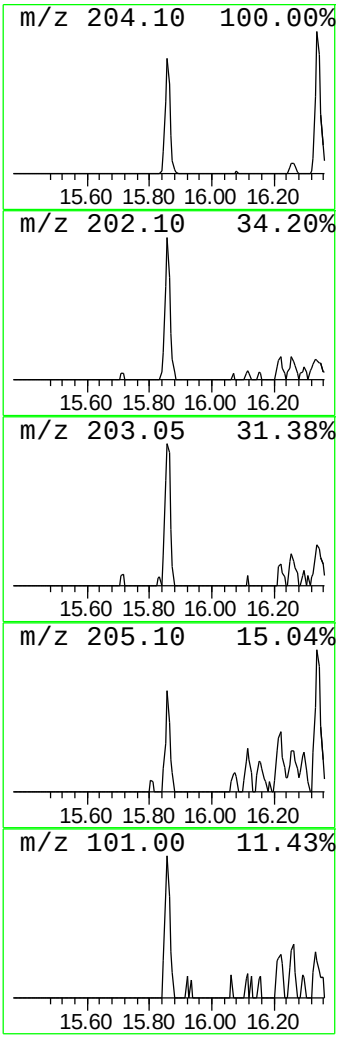
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.75 ng	62196	Phenanthrene-d10	14.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
3	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	60
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095915.D
Acq On : 14 Jun 2017 2:44
Operator : SJ/MA
Sample : I3635-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061217-C

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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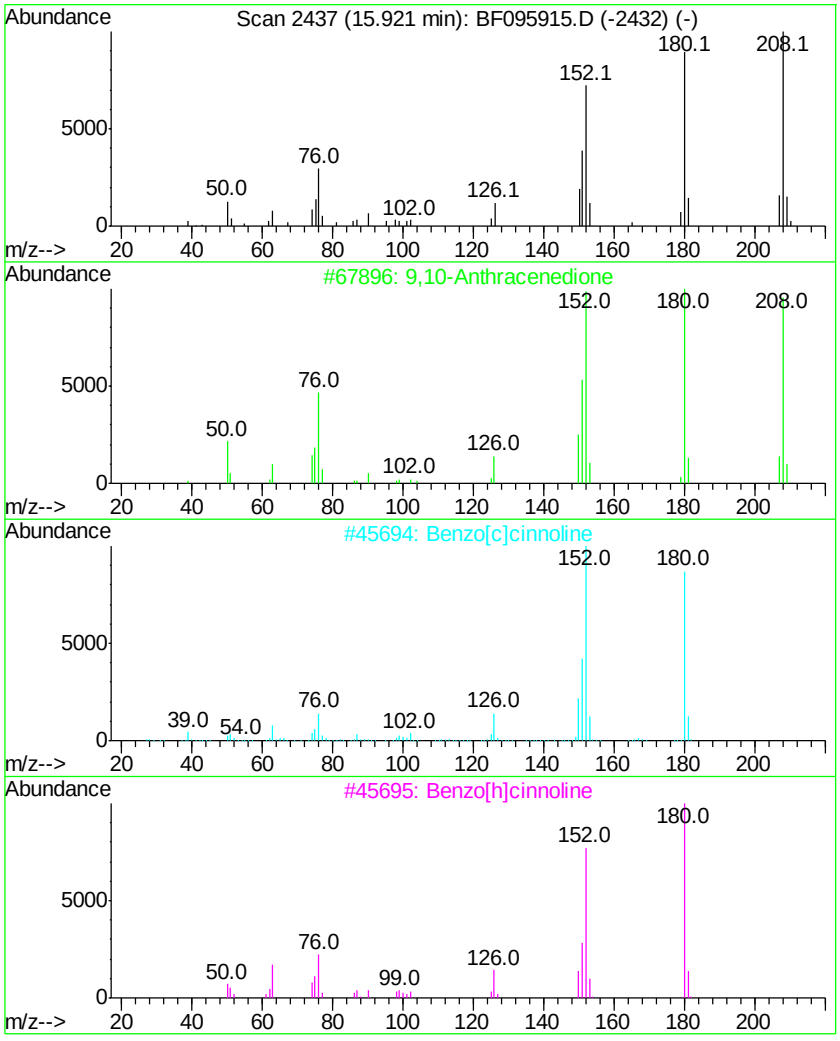
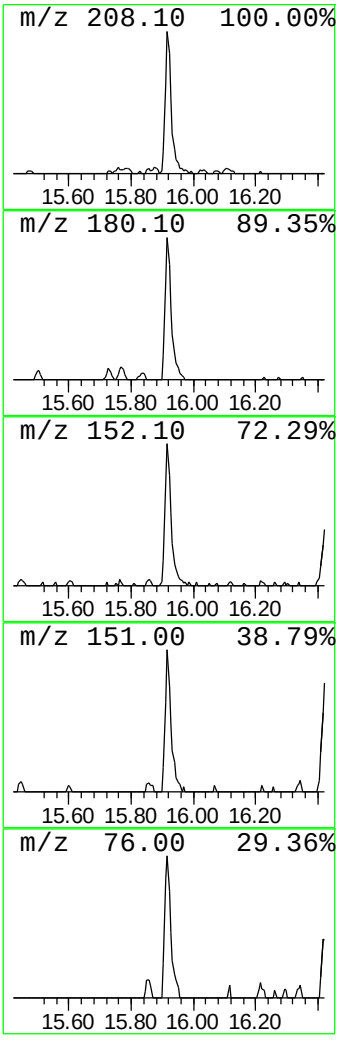
Peak Number 8 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	6.27 ng	142103	Phenanthrene-d10	14.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	52





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Data File : BF095915.D
Acq On : 14 Jun 2017 2:44
Operator : SJ/MA
Sample : I3635-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061217-C

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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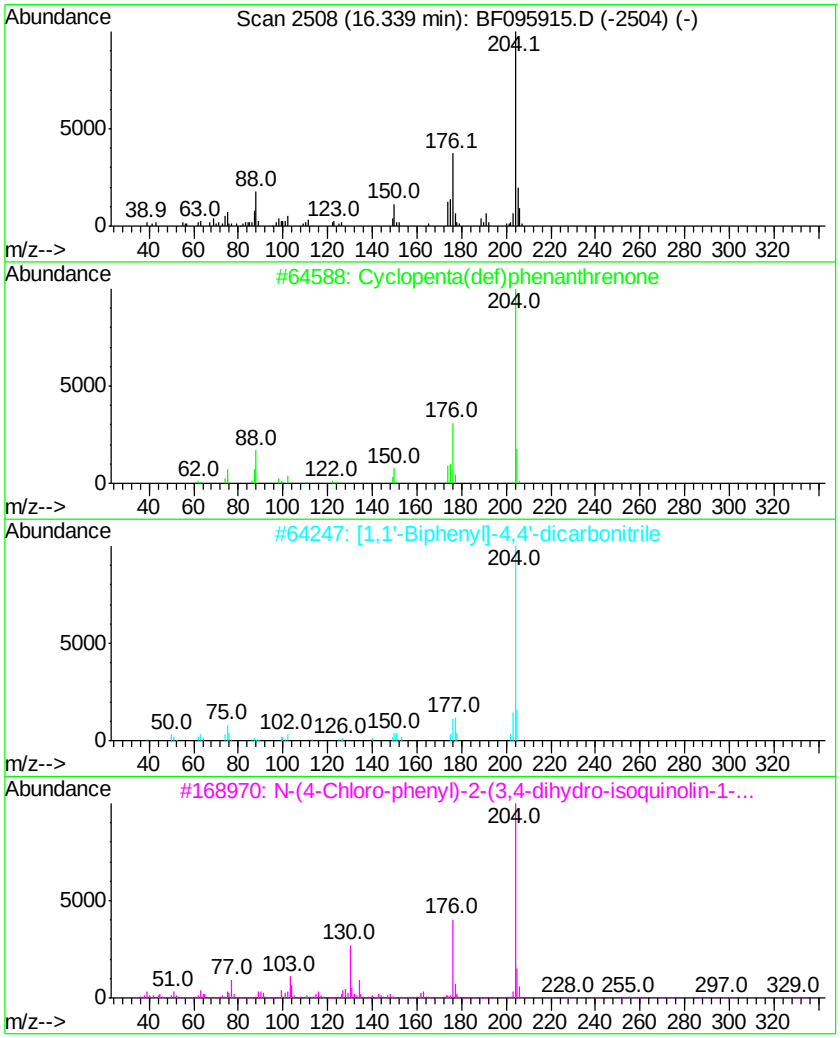
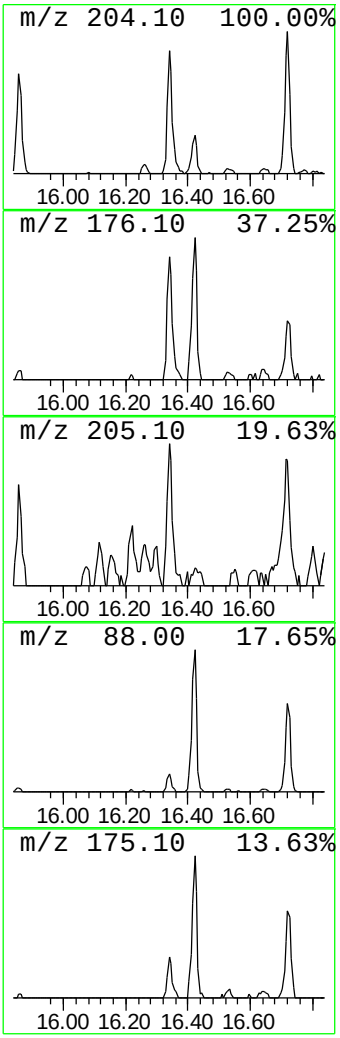
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	4.58 ng	103626	Phenanthrene-d10	14.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	59
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	59
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	56





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Operator : SJ/MA
Sample : I3635-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061217-C

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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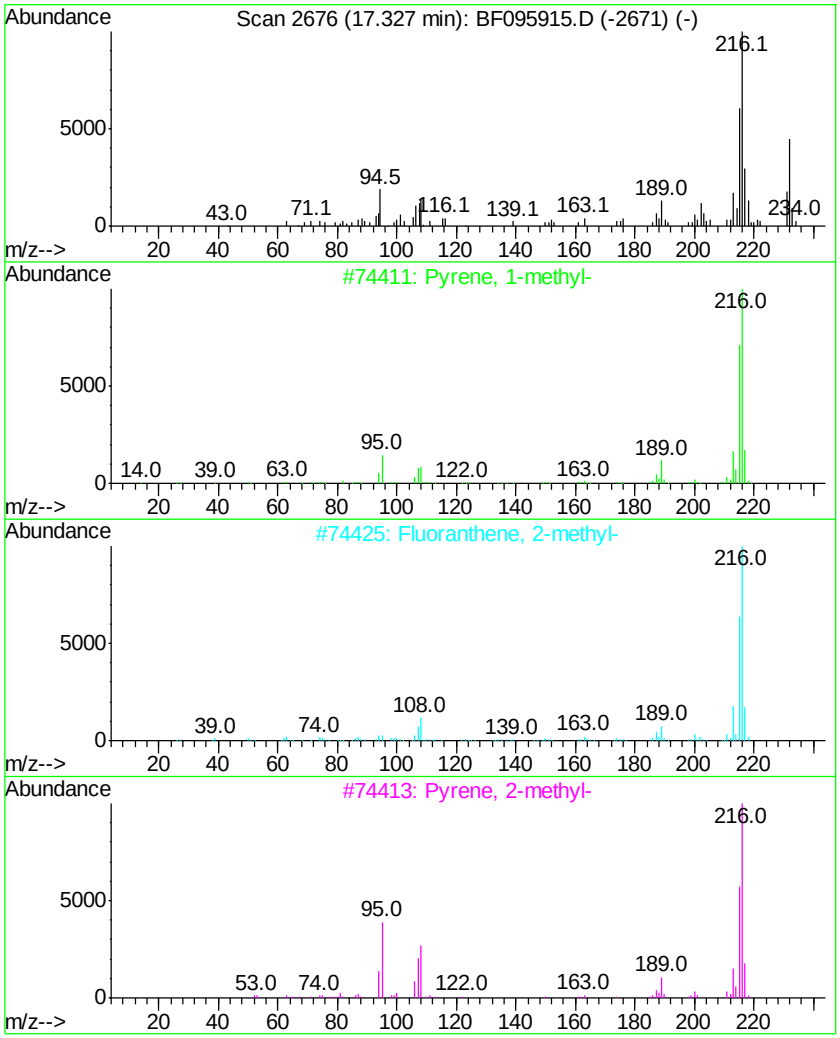
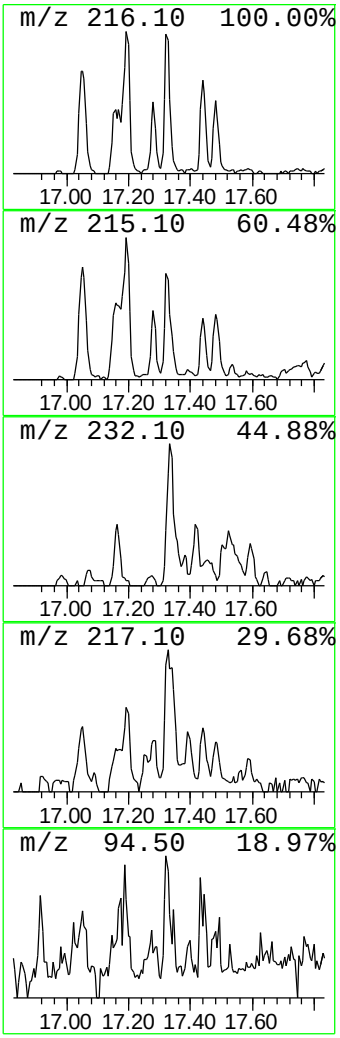
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	3.98 ng	187588	Chrysene-d12	18.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	55
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	49





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Data File : BF095915.D
Acq On : 14 Jun 2017 2:44
Operator : SJ/MA
Sample : I3635-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061217-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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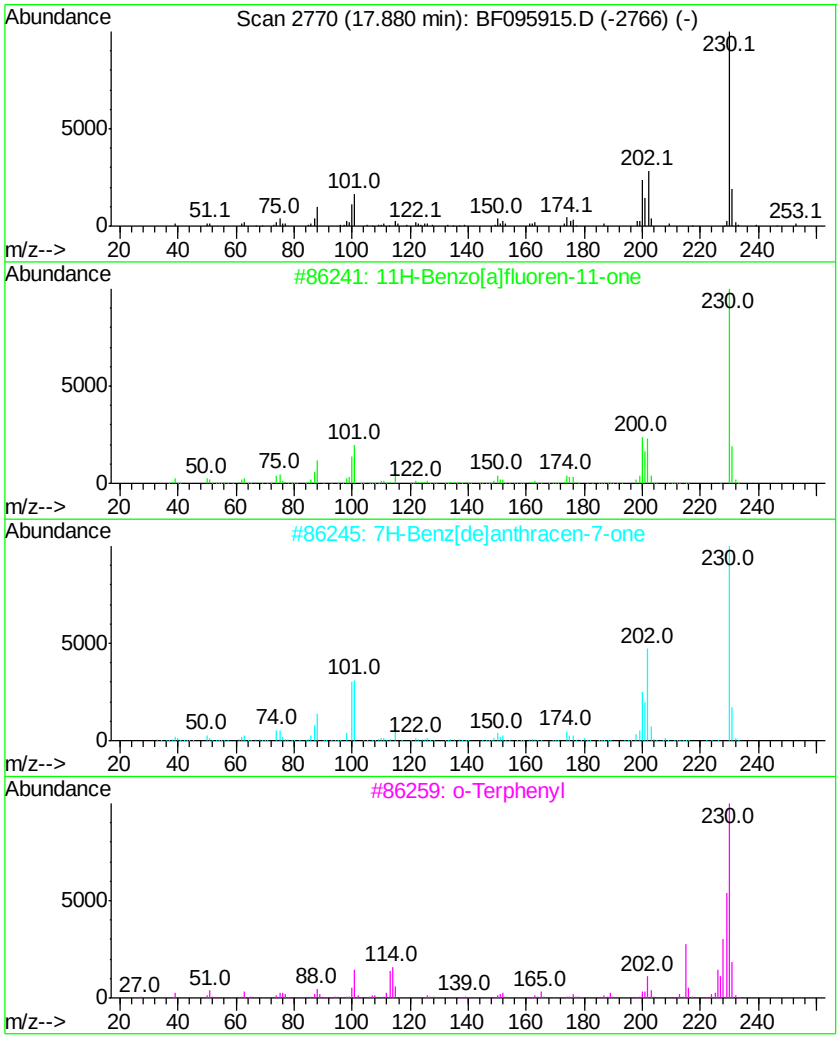
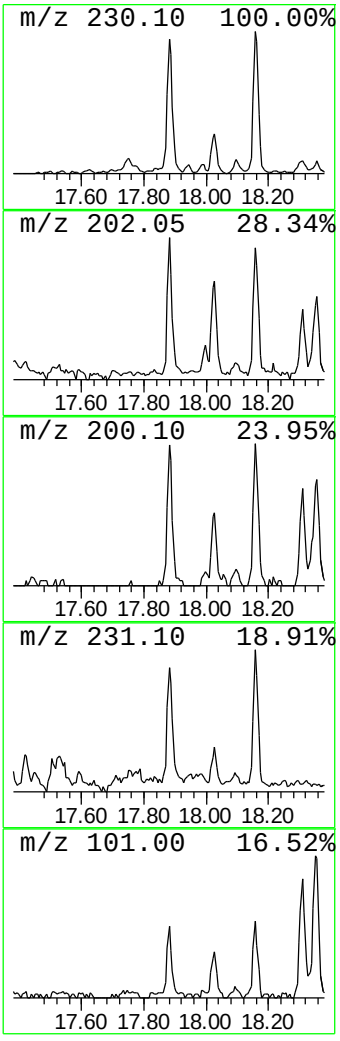
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	2.79 ng	131484	Chrysene-d12	18.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	o-Terphenyl	230	C18H14	000084-15-1	59
4	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	53
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	53





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Operator : SJ/MA
Sample : I3635-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061217-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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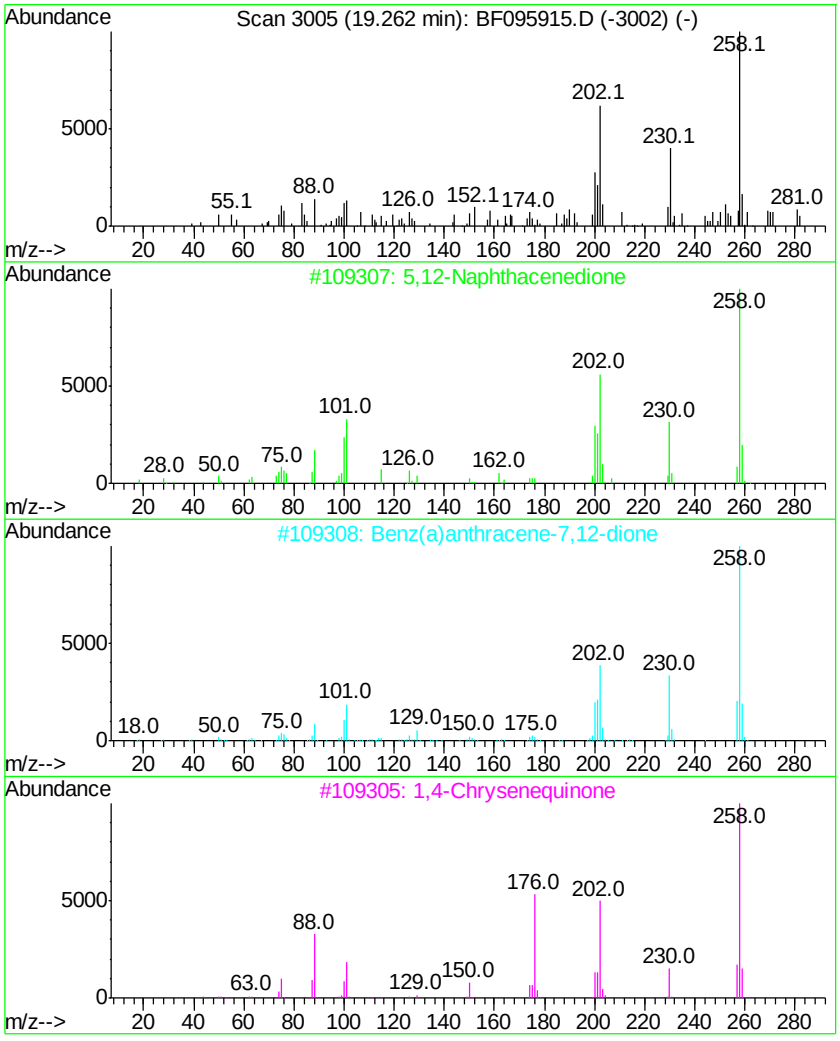
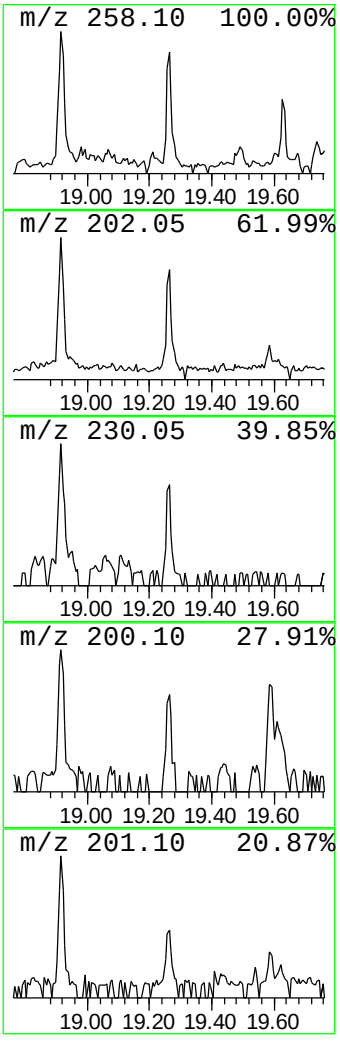
Peak Number 14 5,12-Naphthacenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	3.37 ng	48815	Perylene-d12	19.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	90
2	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	87
3	1,4-Chrysenequinone	258	C18H10O2	100900-16-1	52
4	2-Thiazoleacetonitrile, 4-tricyc...	258	C15H18N2S	1000338-15-0	41
5	9,10-Anthracenedione, 1-chloro-4...	258	C14H7ClO3	000082-42-8	35





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Data File : BF095915.D
Acq On : 14 Jun 2017 2:44
Operator : SJ/MA
Sample : I3635-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061217-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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TIC Library : C:\DATABASE\NIST11.L
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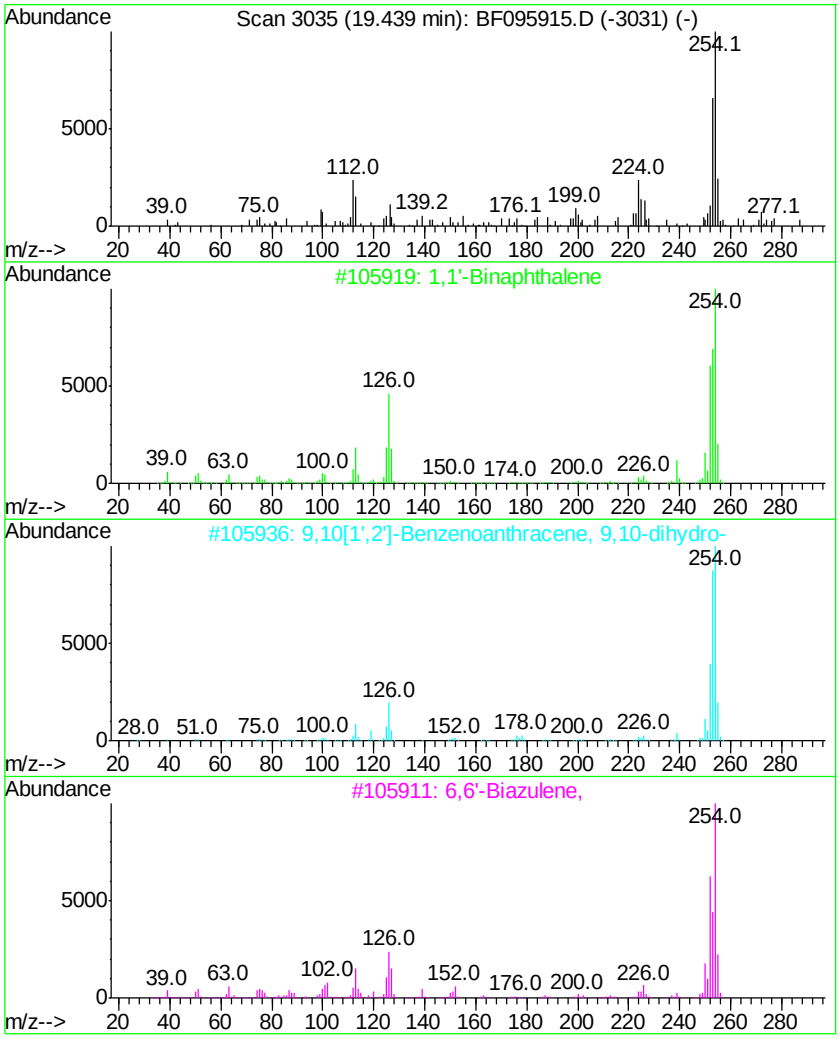
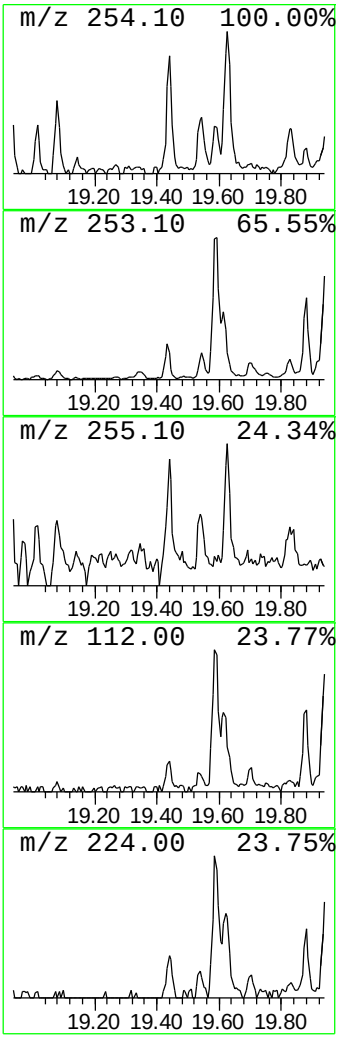
Peak Number 15 1,1'-Binaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	4.82 ng	69851	Perylene-d12	19.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	62
2	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	62
3	6,6'-Biazulene,	254	C20H14	073393-11-0	58
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	58
5	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	58





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061217-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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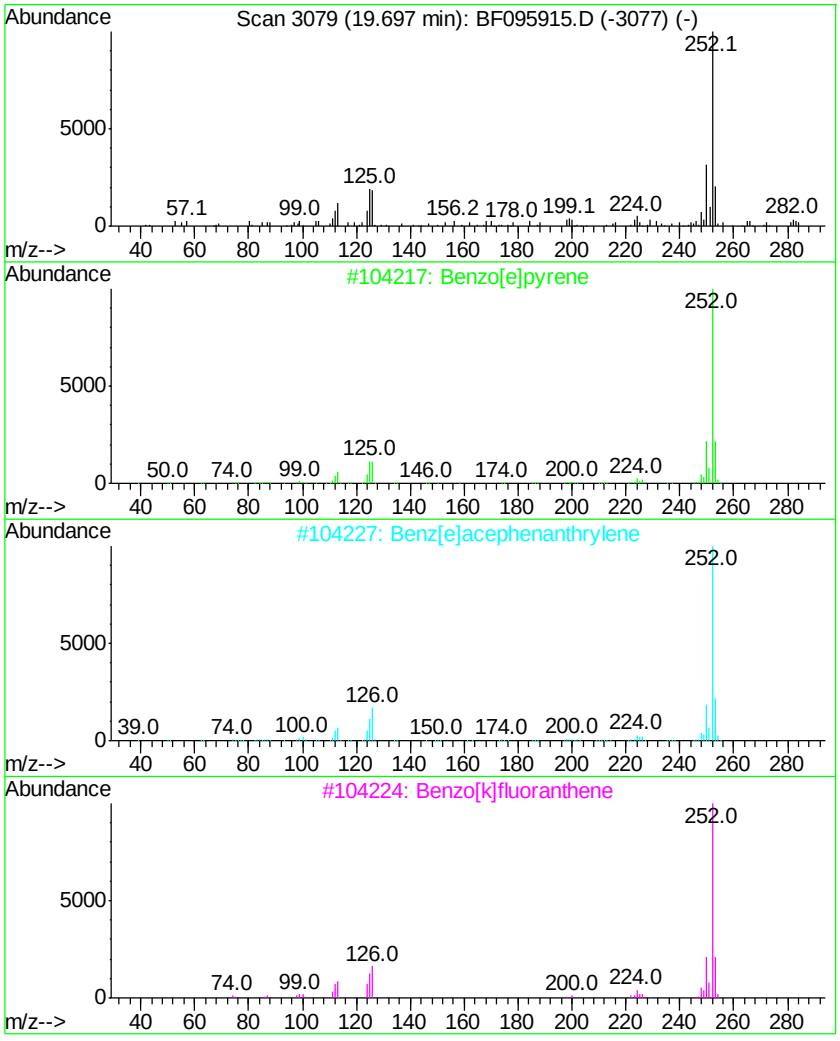
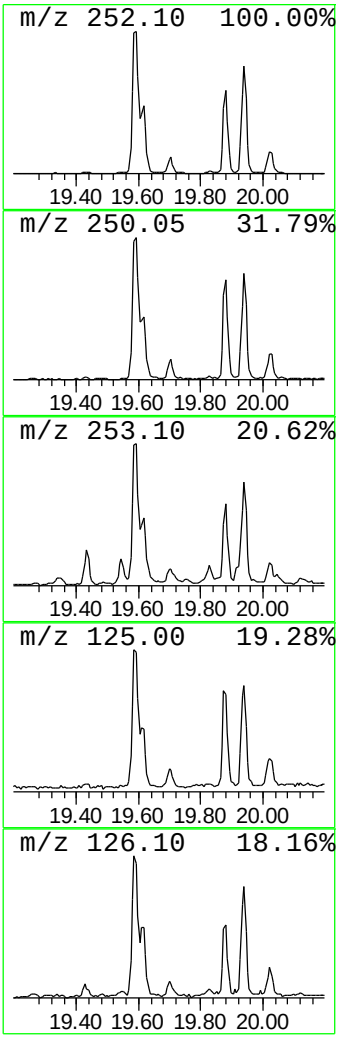
Peak Number 16 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	3.07 ng	44575	Perylene-d12	19.99

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	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Perylene	252	C20H12	000198-55-0	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095915.D
Acq On : 14 Jun 2017 2:44
Operator : SJ/MA
Sample : I3635-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061217-C

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
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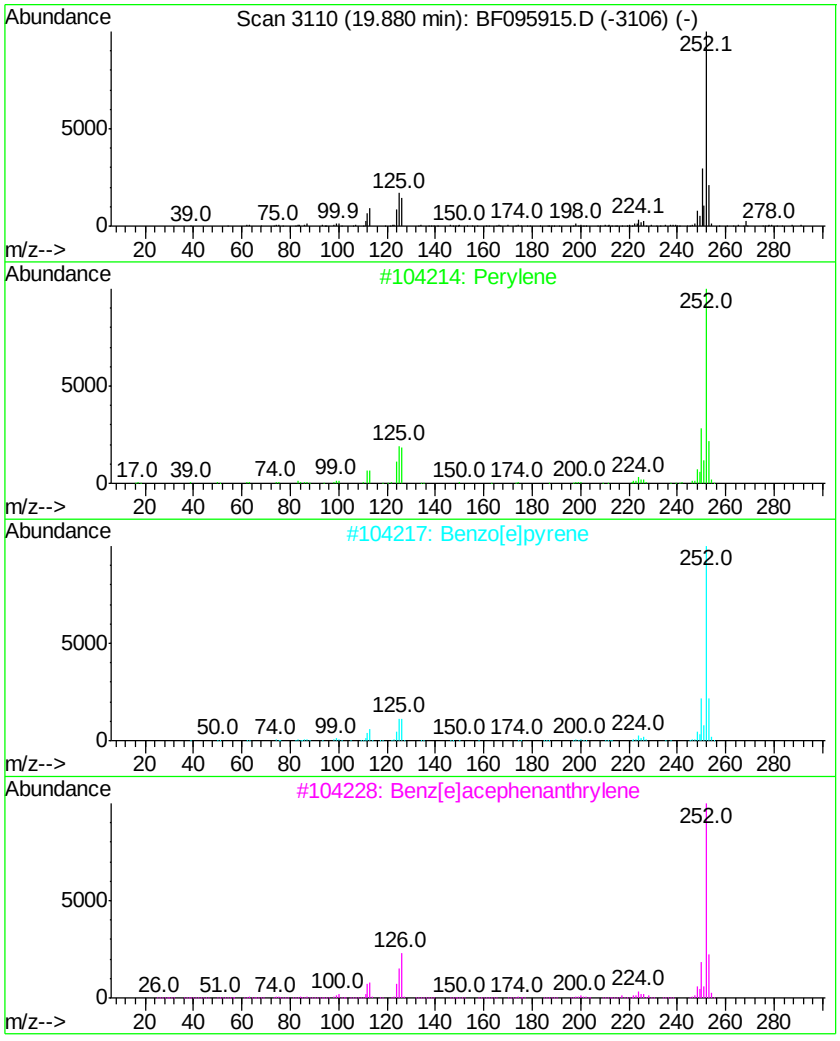
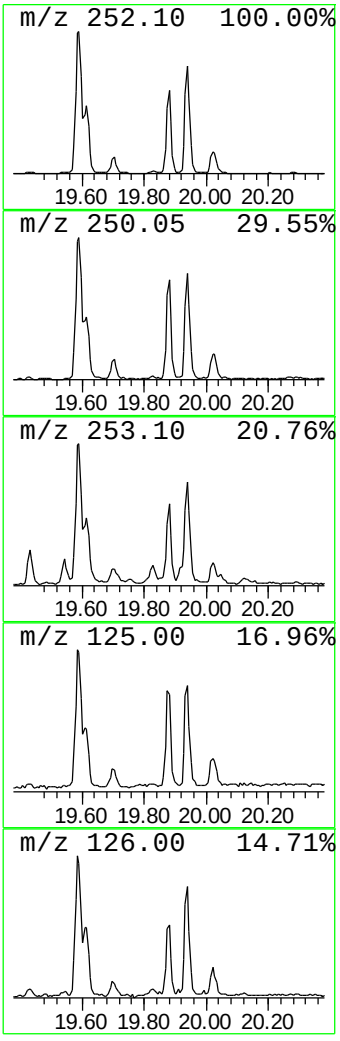
Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	17.86 ng	258860	Perylene-d12	19.99

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	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061317\
Data File : BF095915.D
Acq On : 14 Jun 2017 2:44
Operator : SJ/MA
Sample : I3635-07 5X
Misc :
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ClientSampleId : CL-02-061217-C

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	14.5	ng	297761	1	7.35	411337	20.0
Phenanthrene, 1-m...	15.40	2.9	ng	64935	4	14.60	452997	20.0
Phenanthrene, 2-m...	15.45	3.7	ng	83165	4	14.60	452997	20.0
4H-Cyclopenta[def...	15.56	3.9	ng	87615	4	14.60	452997	20.0
Naphthalene, 2-ph...	15.86	2.8	ng	62196	4	14.60	452997	20.0
9,10-Anthracenedione	15.92	6.3	ng	142103	4	14.60	452997	20.0
Cyclopenta(def)ph...	16.34	4.6	ng	103626	4	14.60	452997	20.0
Pyrene, 1-methyl-	17.33	4.0	ng	187588	5	18.32	943073	20.0
11H-Benzo[a]fluor...	17.88	2.8	ng	131484	5	18.32	943073	20.0
5,12-Naphthacened...	19.26	3.4	ng	48815	6	19.99	289935	20.0
1,1'-Binaphthalene	19.44	4.8	ng	69851	6	19.99	289935	20.0
Benzo[e]pyrene	19.70	3.1	ng	44575	6	19.99	289935	20.0
Perylene	19.88	17.9	ng	258860	6	19.99	289935	20.0