LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088339.D
Acq On : 24 Jun 2016 18:53
Operator : UM/SJ
Sample : H3599-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1412(0-4)

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-BF060716.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	1.712	10	11	49	rVB	806736	1765949	100.00%	6.144%
2	4.707	271	273	285	rBV	77872	161018	9.12%	0.560%
3	5.176	312	314	323	rBV	978626	1260022	71.35%	4.384%
4	6.250	405	408	415	rBV	1151343	1376677	77.96%	4.790%
5	6.353	415	417	430	rVB	1344195	1551213	87.84%	5.397%
6	6.582	435	437	446	rVB	369690	456831	25.87%	1.589%
7	6.742	449	451	453	rBV	942376	1215387	68.82%	4.229%
8	7.153	485	487	497	rBV	637261	983173	55.67%	3.421%
9	7.873	547	550	555	rBV	494677	656105	37.15%	2.283%
10	8.307	586	588	592	rVB	28875	35116	1.99%	0.122%
11	8.582	610	612	615	rVV	43499	53418	3.02%	0.186%
12	8.685	618	621	626	rVB	42198	60160	3.41%	0.209%
13	8.947	641	644	650	rVV	1695924	1681205	95.20%	5.849%
14	9.039	650	652	660	rVB2	26468	50541	2.86%	0.176%
15	9.279	671	673	674	rBV	54226	52318	2.96%	0.182%
16	9.348	677	679	682	rBV	247434	231795	13.13%	0.806%
17	9.393	682	683	688	rVB	27531	38791	2.20%	0.135%
18	9.473	688	690	693	rBV	105785	134599	7.62%	0.468%
19	9.610	700	702	705	rBV	580674	680279	38.52%	2.367%
20	9.816	719	720	722	rVV	47367	66620	3.77%	0.232%
21	9.862	722	724	728	rVB2	30943	46355	2.62%	0.161%
22	9.930	728	730	732	rBV2	33594	42037	2.38%	0.146%
23	10.022	736	738	740	rBV3	29213	52280	2.96%	0.182%
24	10.056	740	741	743	rVB2	48427	46034	2.61%	0.160%
25	10.159	748	750	754	rVB	66525	87566	4.96%	0.305%
26	10.273	758	760	762	rBV	33430	36291	2.06%	0.126%
27	10.319	762	764	767	rVB	39879	41538	2.35%	0.145%
28	10.399	769	771	780	rVB2	671942	982510	55.64%	3.418%
29	10.536	780	783	786	rVB	77486	135499	7.67%	0.471%
30	10.708	795	798	803	rBV4	25949	60939	3.45%	0.212%
31	10.833	807	809	810	rBV	35696	36525	2.07%	0.127%
32	10.913	814	816	817	rBV	37470	46245	2.62%	0.161%
33	10.971	820	821	823	rBV	39307	51496	2.92%	0.179%
34	11.096	830	832	833	rBV	533348	778675	44.09%	2.709%

LSC Area Percent Report

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Sample : H3599-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1412(0-4)

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.165	837	838	840	rVV	143140	160633	9.10%	0.559%
36	11.199	840	841	844	rVV3	26188	46483	2.63%	0.162%
37	11.279	844	848	850	rVB4	15382	35815	2.03%	0.125%
38	11.336	850	853	857	rBV2	61516	125972	7.13%	0.438%
39	11.393	857	858	861	rVV3	34817	57944	3.28%	0.202%
40	11.588	873	875	877	rVV	97878	145439	8.24%	0.506%
41	11.622	877	878	880	rVV	157440	133613	7.57%	0.465%
42	11.668	880	882	883	rVV	58556	55669	3.15%	0.194%
43	11.702	883	885	890	rVB2	174410	300712	17.03%	1.046%
44	11.805	890	894	898	rBV4	45171	85292	4.83%	0.297%
45	11.885	900	901	903	rVV	85833	81492	4.61%	0.284%
46	11.919	903	904	906	rVB	54770	64948	3.68%	0.226%
47	12.033	911	914	916	rBV	34016	60809	3.44%	0.212%
48	12.136	921	923	925	rBV	120475	142894	8.09%	0.497%
49	12.194	925	928	929	rVB2	54635	81720	4.63%	0.284%
50	12.228	929	931	935	rVB	97986	135393	7.67%	0.471%
51	12.296	935	937	940	rBV	1007493	1091357	61.80%	3.797%
52	12.399	944	946	947	rVB	50762	67899	3.84%	0.236%
53	12.445	947	950	952	rBV	63395	69614	3.94%	0.242%
54	12.525	954	957	959	rBV	840056	1023602	57.96%	3.561%
55	12.582	961	962	964	rVB	74867	67576	3.83%	0.235%
56	12.674	966	970	974	rVB	1119709	1236968	70.05%	4.304%
57	12.742	974	976	979	rBV3	94380	165990	9.40%	0.578%
58	12.856	982	986	988	rVB2	134054	263136	14.90%	0.916%
59	12.914	988	991	993	rBV	81838	123212	6.98%	0.429%
60	12.959	993	995	998	rVB	112037	159604	9.04%	0.555%
61	13.051	1001	1003	1004	rVB	48242	57417	3.25%	0.200%
62	13.074	1004	1005	1010	rVB3	57862	107299	6.08%	0.373%
63	13.154	1010	1012	1015	rBV3	43418	70637	4.00%	0.246%
64	13.222	1015	1018	1020	rBV	211766	239872	13.58%	0.835%
65	13.256	1020	1021	1026	rVB4	45870	71233	4.03%	0.248%
66	13.371	1029	1031	1034	rVB	125871	166560	9.43%	0.580%
67	13.474	1037	1040	1043	rBV2	116718	265914	15.06%	0.925%
68	13.576	1047	1049	1053	rVB2	194182	256220	14.51%	0.891%
69	13.714	1058	1061	1063	rBV2	717541	1280026	72.48%	4.454%
70	13.874	1074	1075	1078	rVV2	59068	98751	5.59%	0.344%
71	13.931	1078	1080	1081	rVV	39898	36482	2.07%	0.127%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : PM-STA-1412(0-4)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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72	14.102	1091	1095	1097	rBV	123902	225497	12.77%	0.785%
73	14.137	1097	1098	1099	rVV	75460	72202	4.09%	0.251%
74	14.194	1101	1103	1105	rVV3	69460	143276	8.11%	0.498%
75	14.228	1105	1106	1110	rVV2	84749	141663	8.02%	0.493%
76	14.297	1110	1112	1115	rVB3	36188	60778	3.44%	0.211%
77	14.434	1119	1124	1127	rBV5	53209	140675	7.97%	0.489%
78	14.491	1127	1129	1133	rBV4	31253	86685	4.91%	0.302%
79	14.582	1133	1137	1139	rVV2	83755	157568	8.92%	0.548%
80	14.628	1139	1141	1142	rVV2	41974	56421	3.19%	0.196%
81	14.719	1146	1149	1153	rVV	546781	1073893	60.81%	3.736%
82	14.777	1153	1154	1155	rVV	84077	77655	4.40%	0.270%
83	14.811	1155	1157	1159	rVV	111901	140460	7.95%	0.489%
84	14.891	1162	1164	1166	rBV2	29233	63867	3.62%	0.222%
85	14.971	1169	1171	1174	rVV	299986	366105	20.73%	1.274%
86	15.028	1174	1176	1178	rVV	315166	403058	22.82%	1.402%
87	15.074	1178	1180	1187	rVB2	343749	601848	34.08%	2.094%
88	15.268	1195	1197	1200	rVB2	40423	62545	3.54%	0.218%
89	15.451	1211	1213	1217	rVV	44951	80479	4.56%	0.280%
90	15.554	1220	1222	1226	rVB	27871	48713	2.76%	0.169%
91	16.068	1264	1267	1269	rVV2	22811	42022	2.38%	0.146%
92	16.160	1272	1275	1277	rVV2	31706	58005	3.28%	0.202%
93	16.240	1280	1282	1286	rVB4	19253	44472	2.52%	0.155%
94	16.331	1286	1290	1294	rBV	165979	346040	19.60%	1.204%
95	16.468	1298	1302	1304	rBV3	36029	80505	4.56%	0.280%
96	16.525	1304	1307	1310	rVB2	27470	52417	2.97%	0.182%
97	16.697	1320	1322	1331	rVB	89755	212549	12.04%	0.740%
98	16.914	1338	1341	1349	rVB3	20772	56597	3.20%	0.197%
99	18.606	1483	1489	1494	rBV2	25659	112782	6.39%	0.392%
100	18.731	1497	1500	1514	rVB3	23676	143504	8.13%	0.499%

Sum of corrected areas: 28741685

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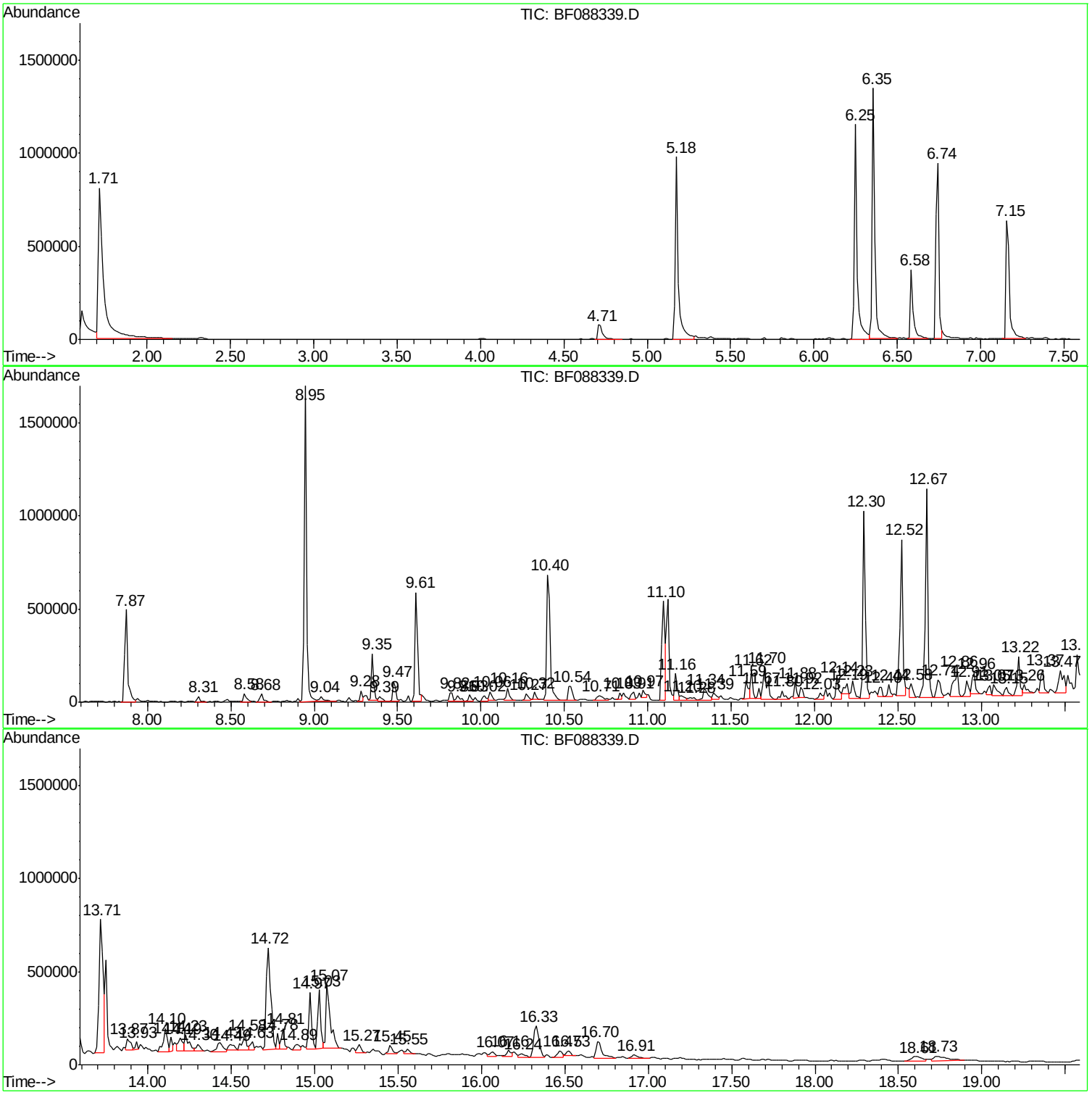
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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Instrument : BNA_F
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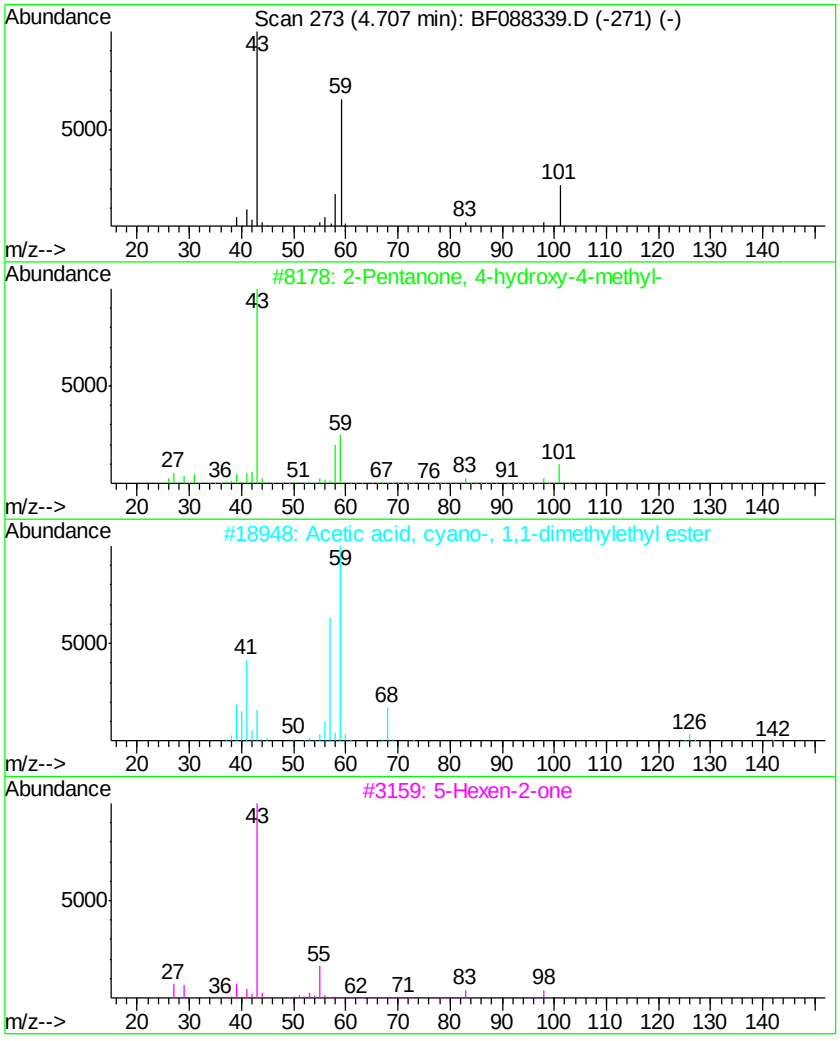
TIC Integration Parameters: LSCINT.P

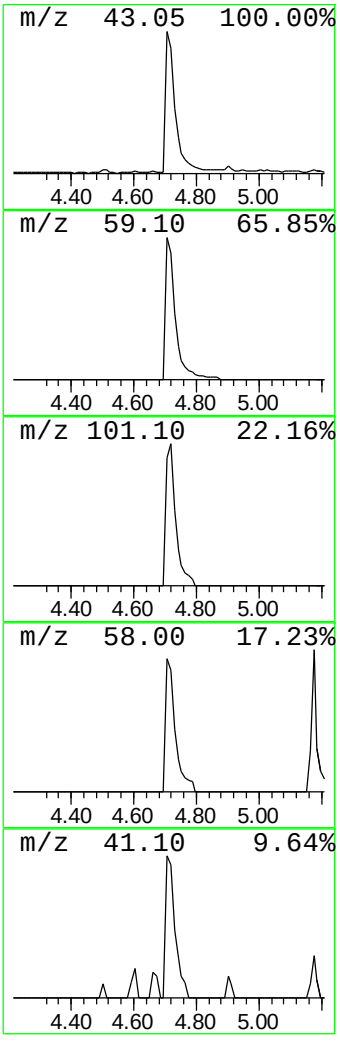
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	7.05 ng	161018	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
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Sample : H3599-08
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Instrument : BNA_F
ClientSampleId : PM-STA-1412(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
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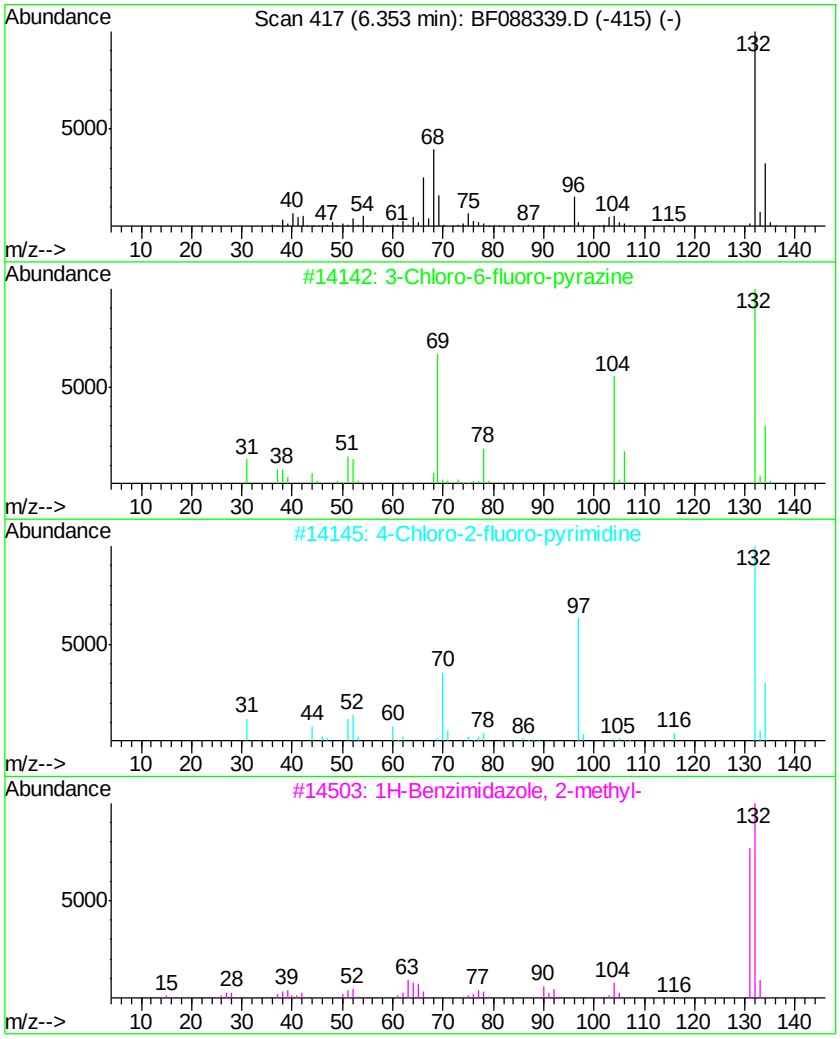
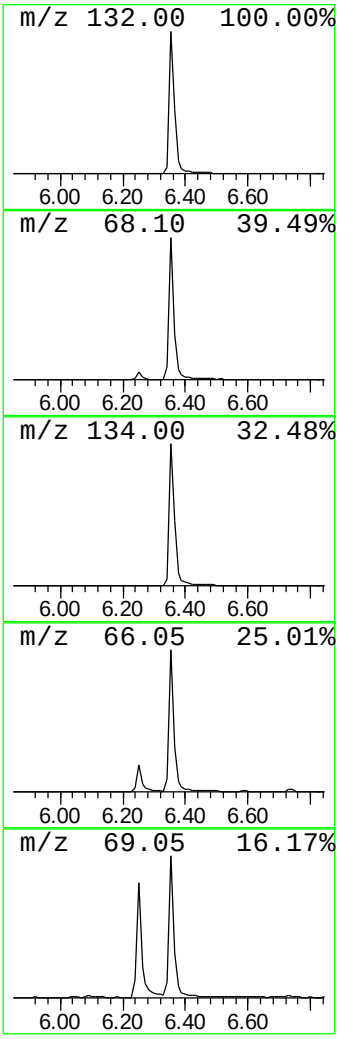
****

Peak Number 3 unknown6.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	67.91 ng	1551210	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
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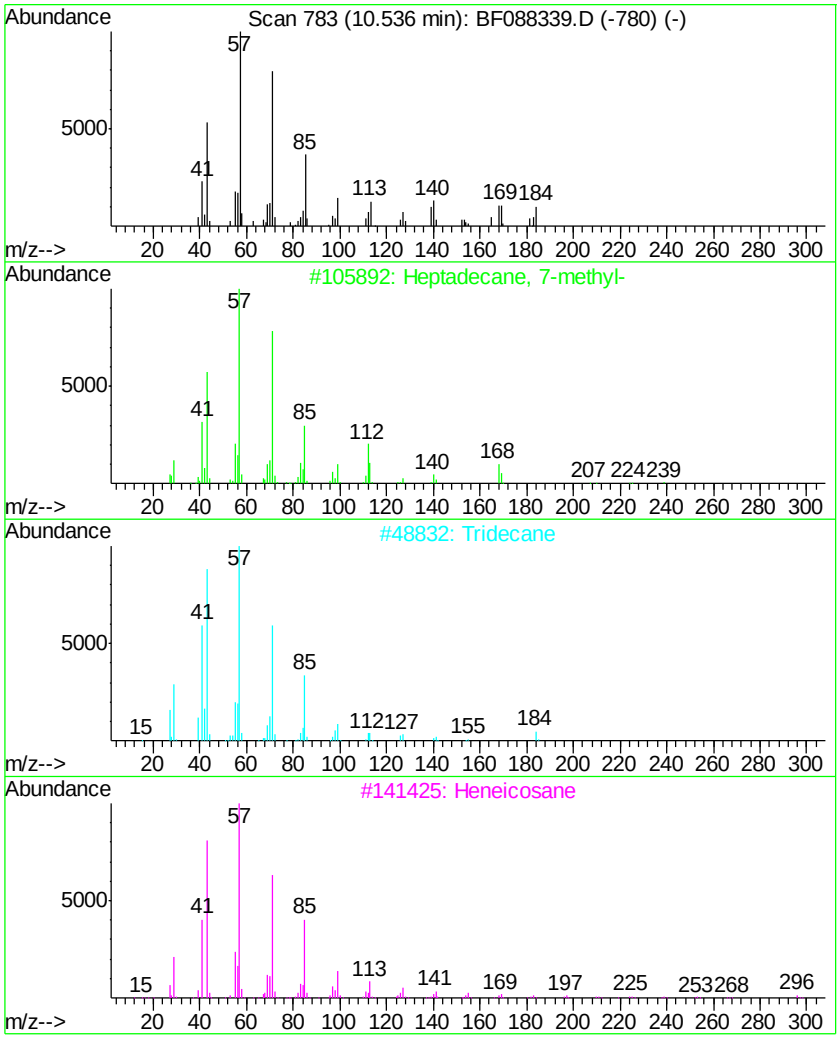
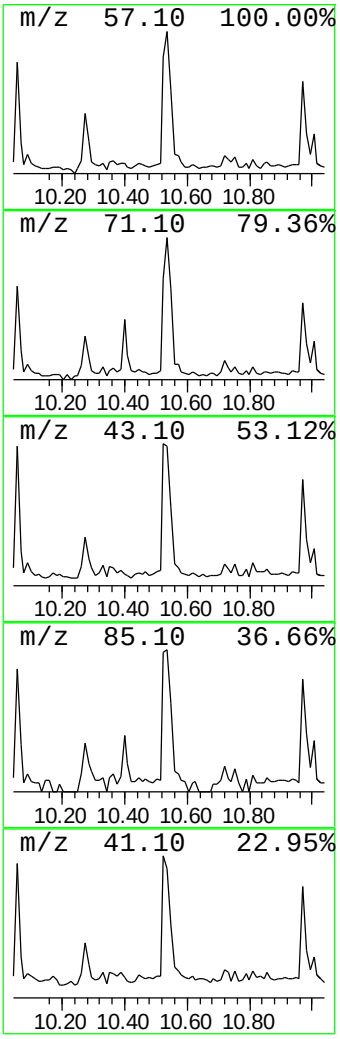
****

Peak Number 5 Heptadecane, 7-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	3.48 ng	135499	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
2	Tridecane	184	C13H28	000629-50-5	76
3	Heneicosane	296	C21H44	000629-94-7	68
4	5,5-Dibutylnonane	240	C17H36	006008-17-9	64
5	Heptadecane	240	C17H36	000629-78-7	64





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Instrument : BNA_F
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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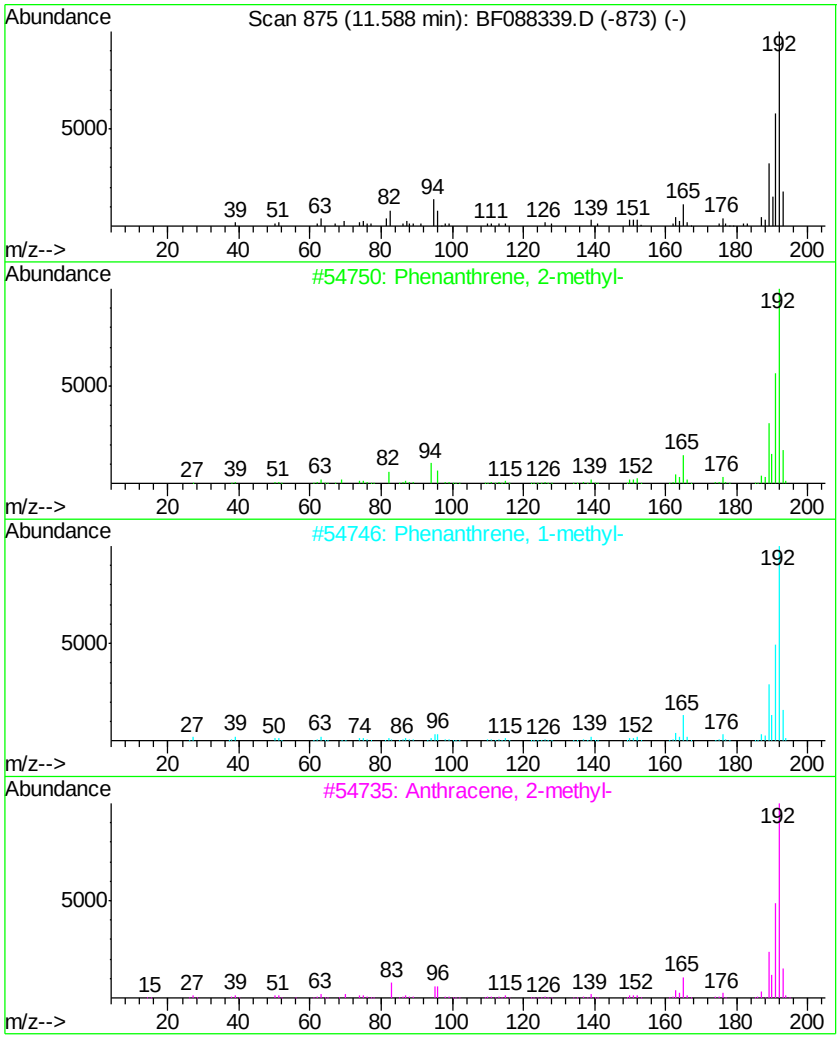
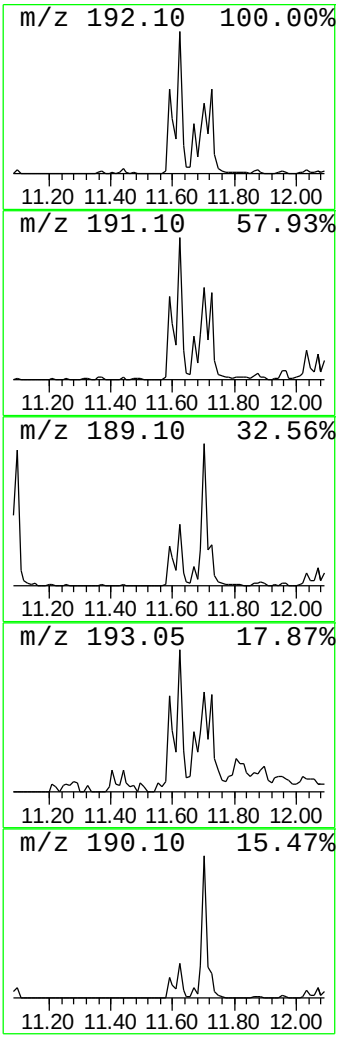
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	3.74 ng	145439	Phenanthrene-d10	11.10

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	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Data File : BF088339.D
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Operator : UM/SJ
Sample : H3599-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1412(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

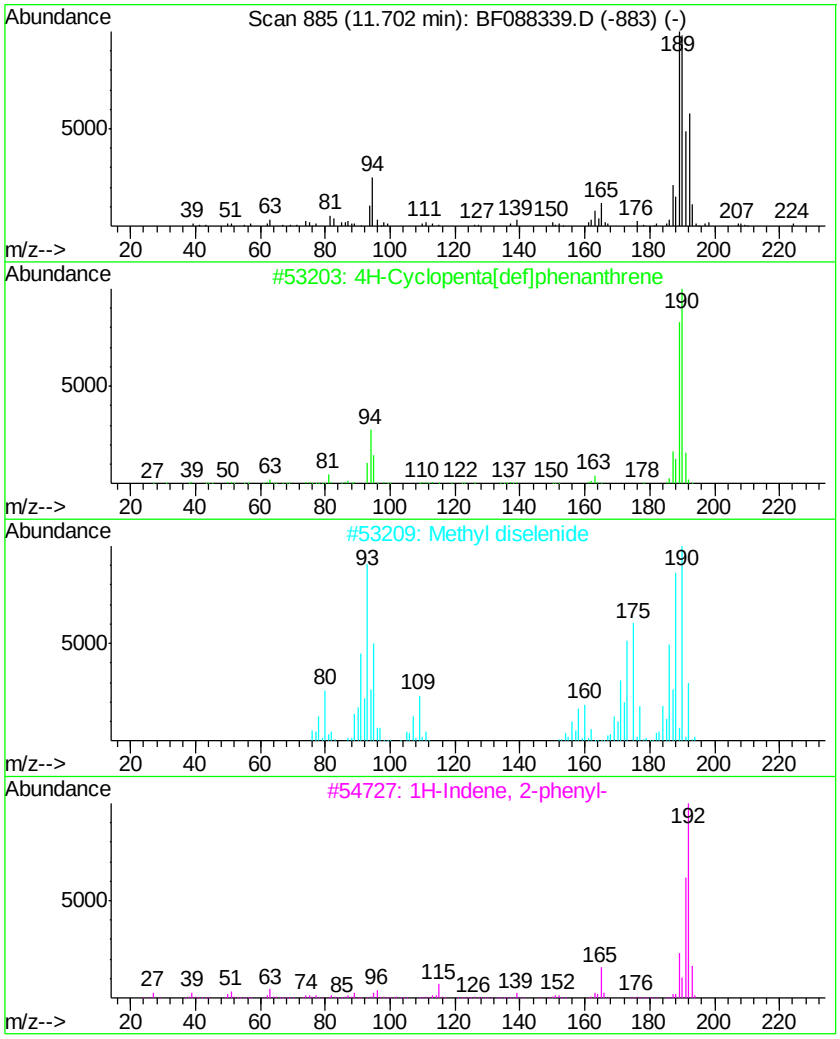
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

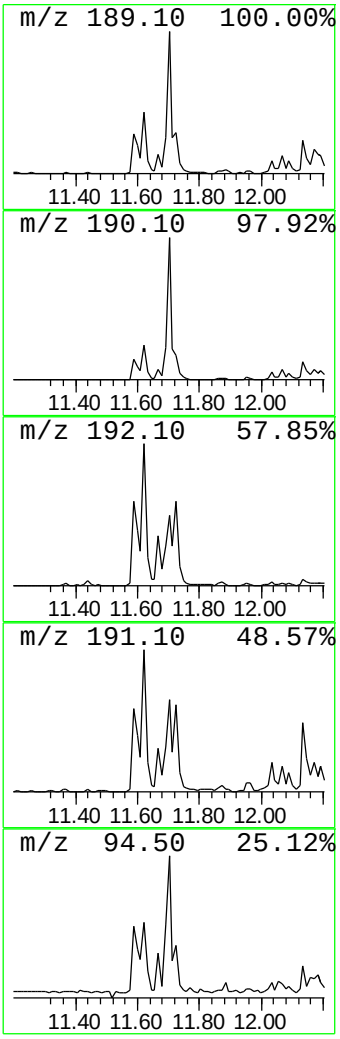
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	7.72 ng	300712	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Methyl diselenide	190	C2H6Se2	007101-31-7	38
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





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Operator : UM/SJ
Sample : H3599-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1412(0-4)

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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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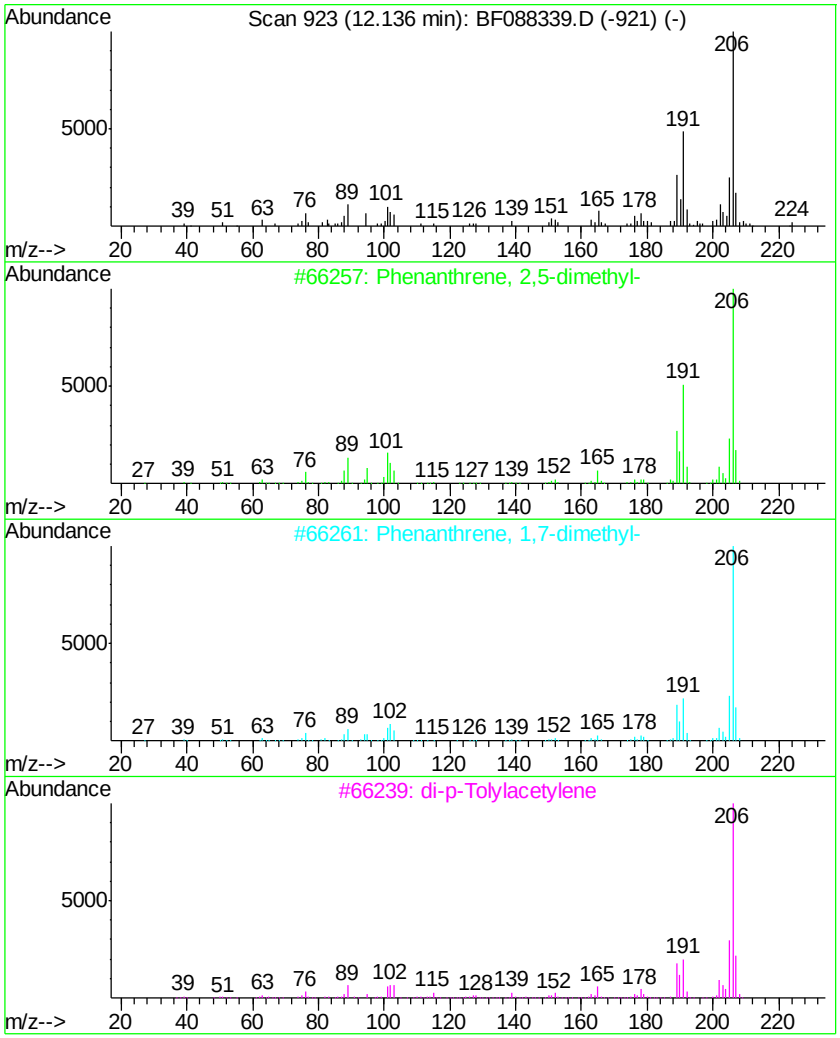
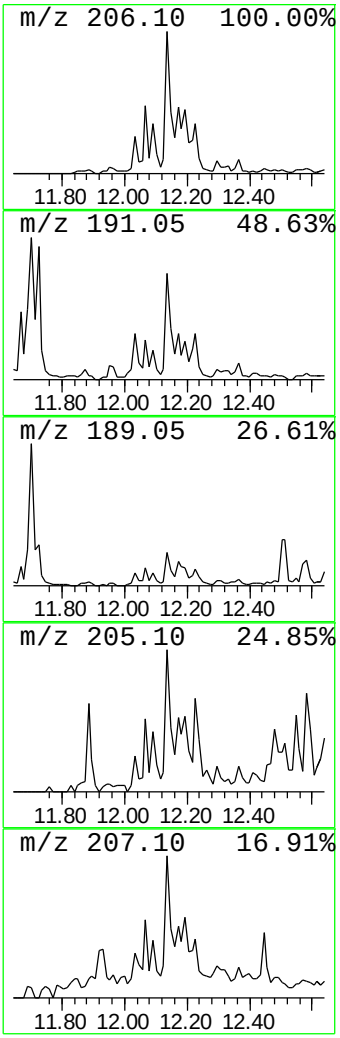
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.67 ng	142894	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	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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Acq On : 24 Jun 2016 18:53
Operator : UM/SJ
Sample : H3599-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1412(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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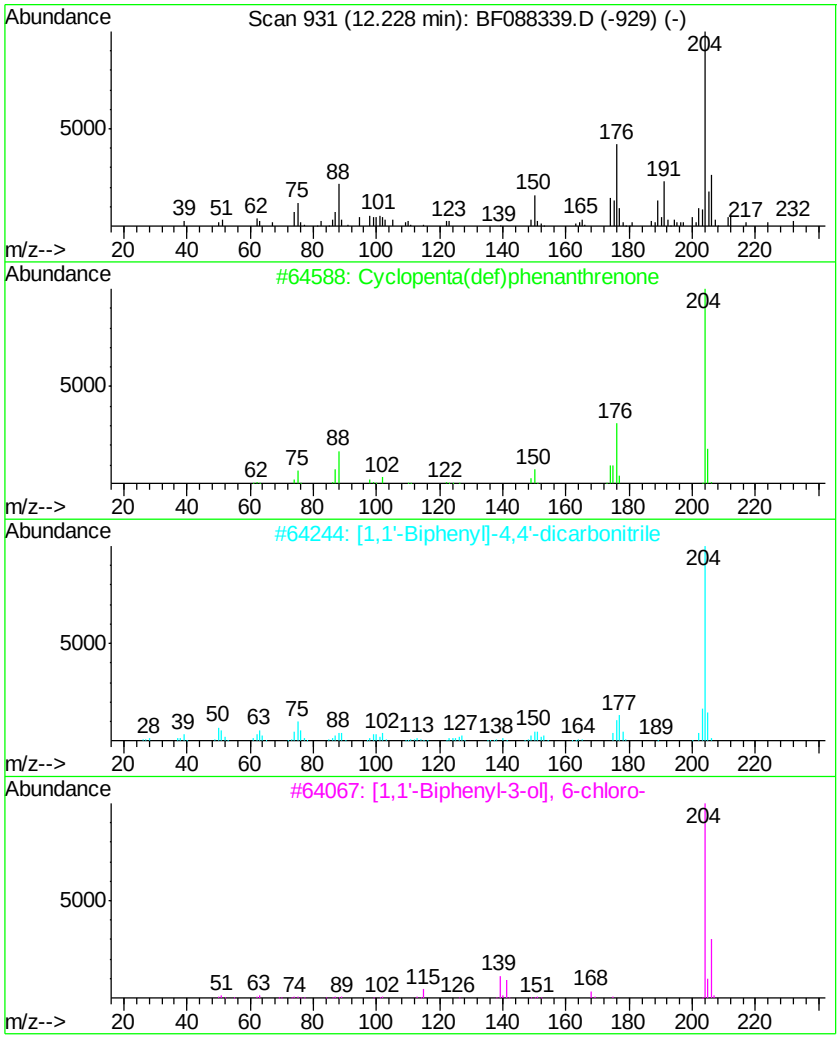
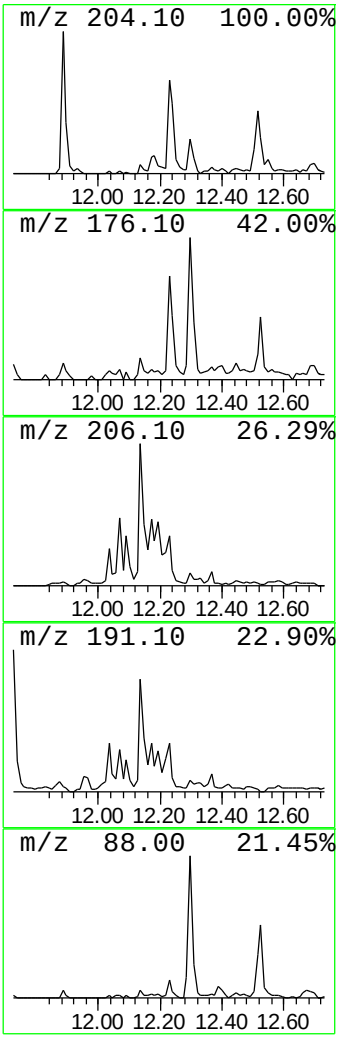
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	3.48 ng	135393	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3	[1,1'-Biphenyl-3-ol], 6-chloro-	204	C12H9ClO	021345-13-1	43
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38





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Operator : UM/SJ
Sample : H3599-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1412(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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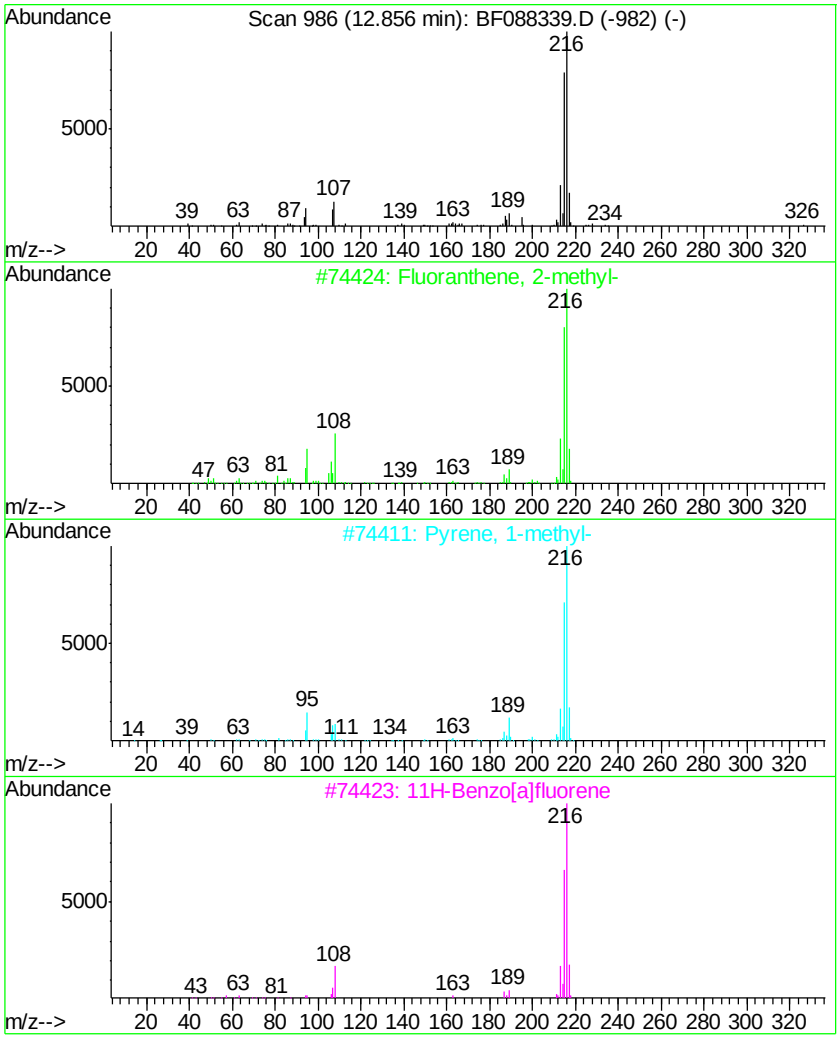
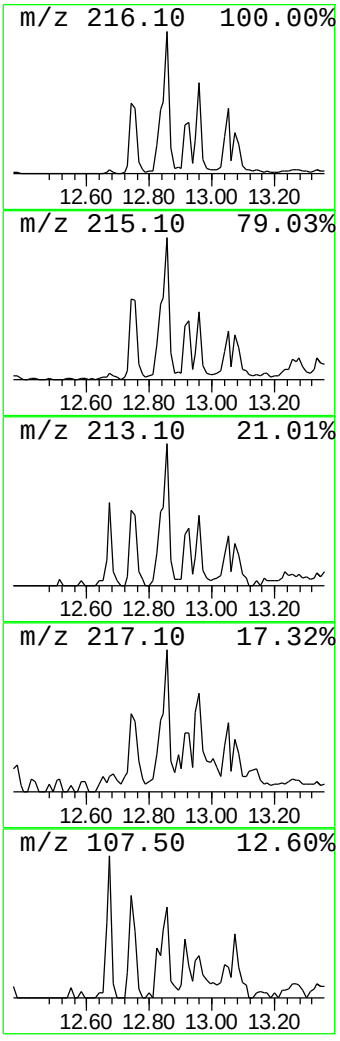
Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	4.11 ng	263136	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





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ClientSampleId : PM-STA-1412(0-4)

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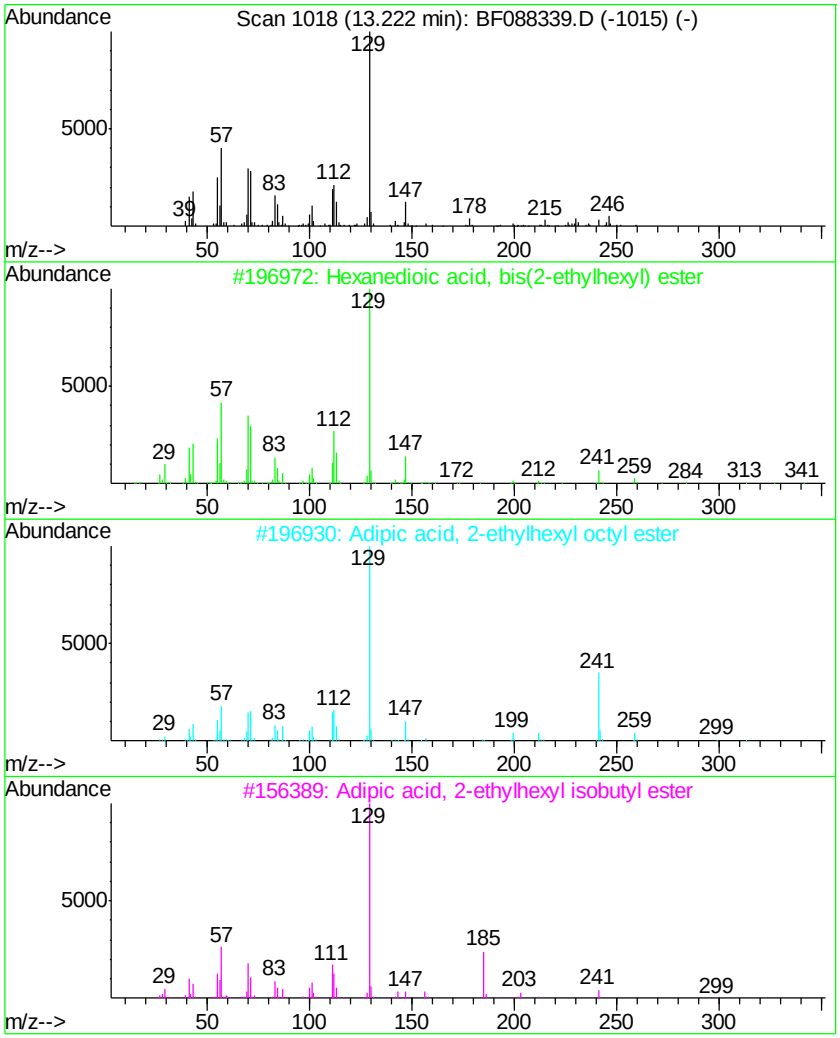
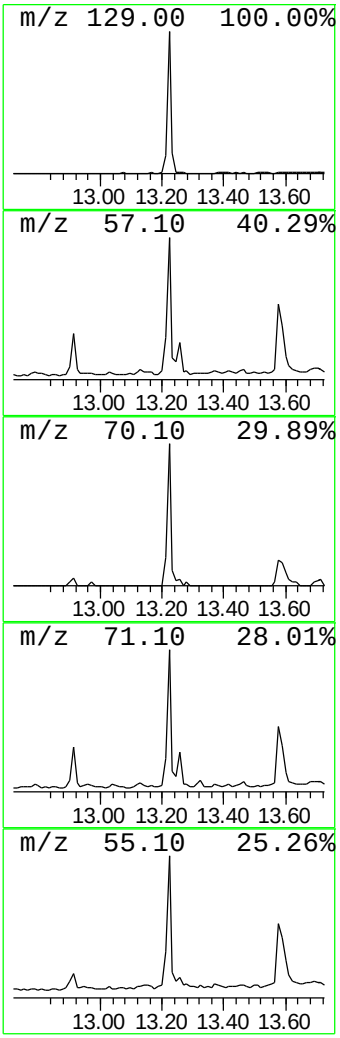
Peak Number 11 Hexanedioic acid, bis(2-eth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	3.75 ng	239872	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
3	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	53
4	Adipic acid, isohexyl trans-2-me...	326	C19H34O4	1000324-74-8	50
5	Adipic acid, octyl trans-2-methy...	354	C21H38O4	1000324-75-1	50





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Sample : H3599-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1412(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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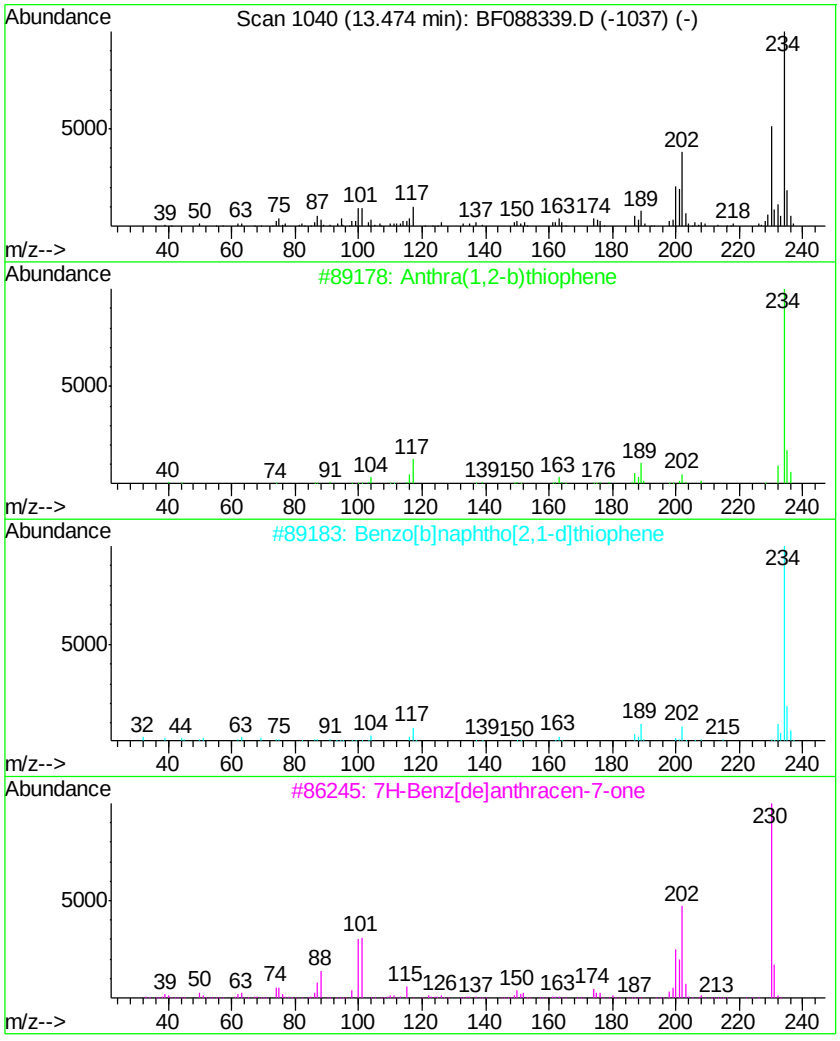
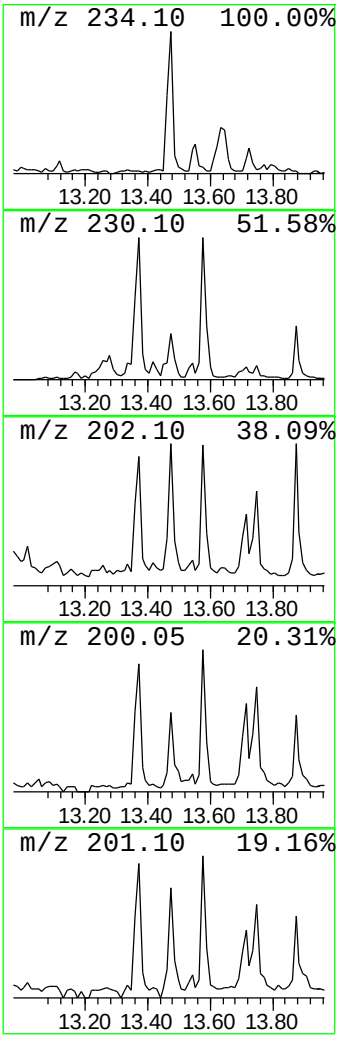
Peak Number 12 Anthra(1,2-b)thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	4.15 ng	265914	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	46
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	45
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	38





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ALS Vial : 9 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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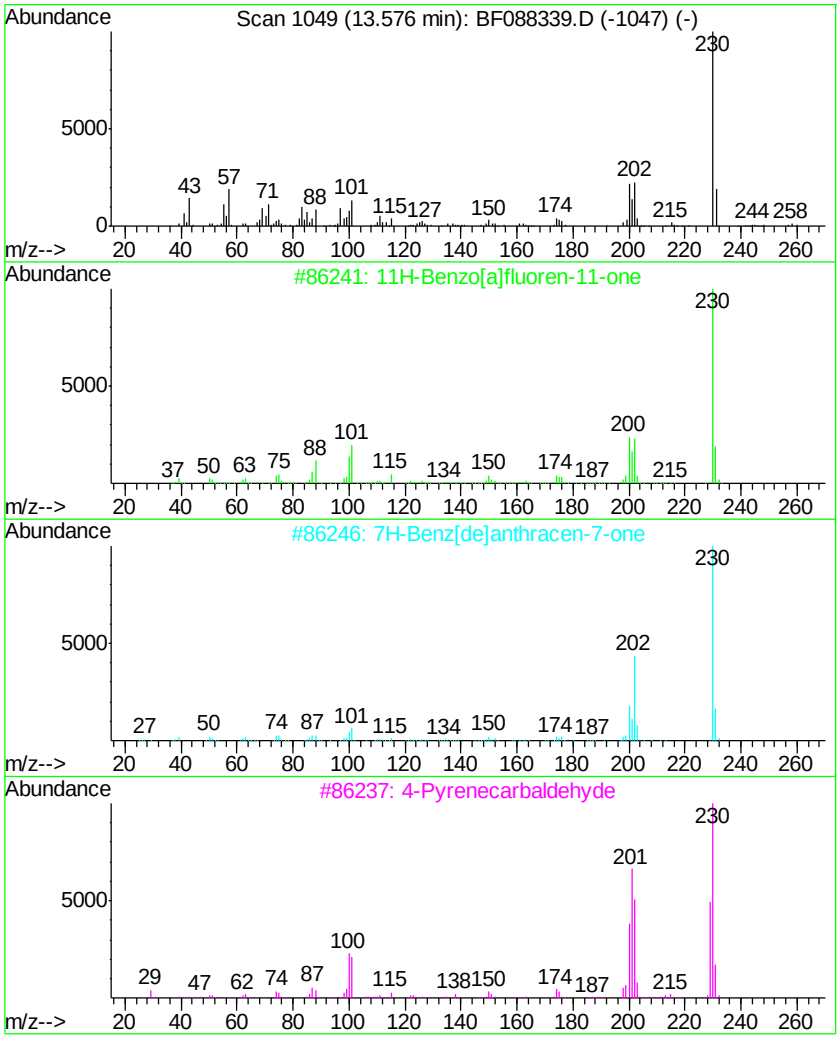
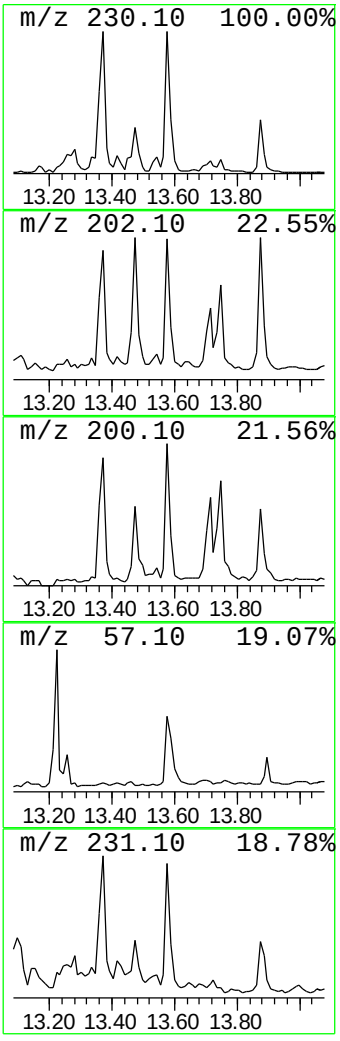
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	4.00 ng	256220	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	83
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	59





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Sample : H3599-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

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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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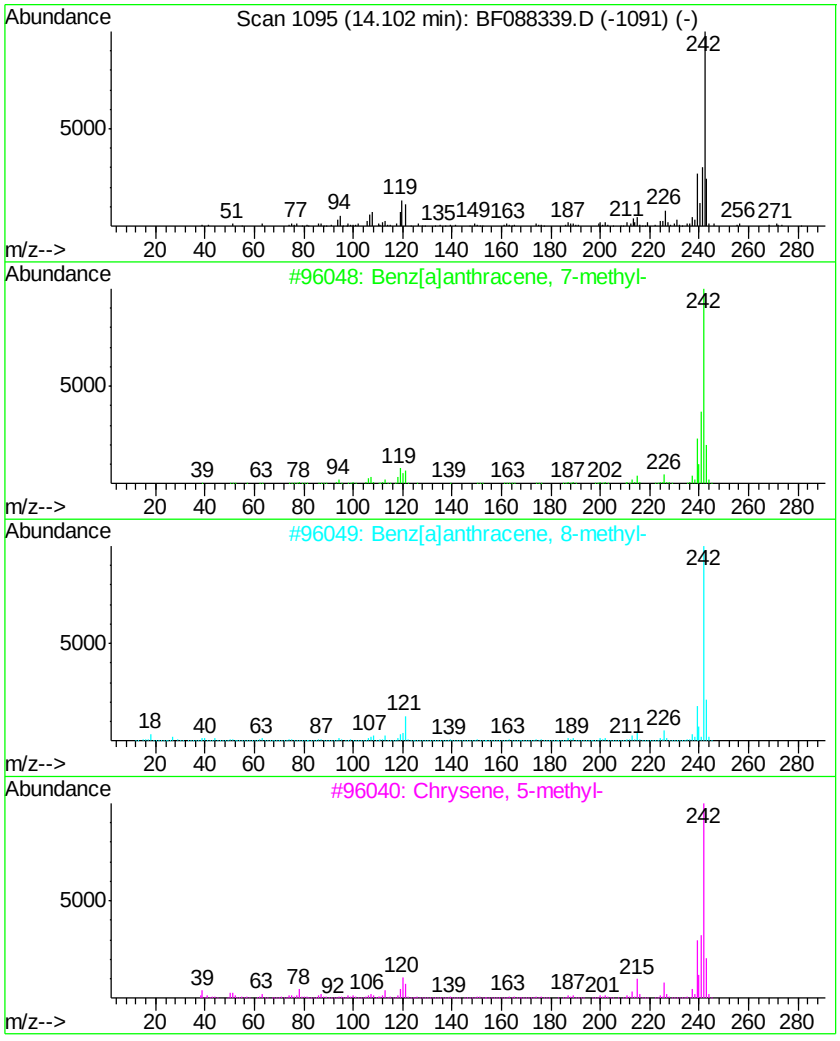
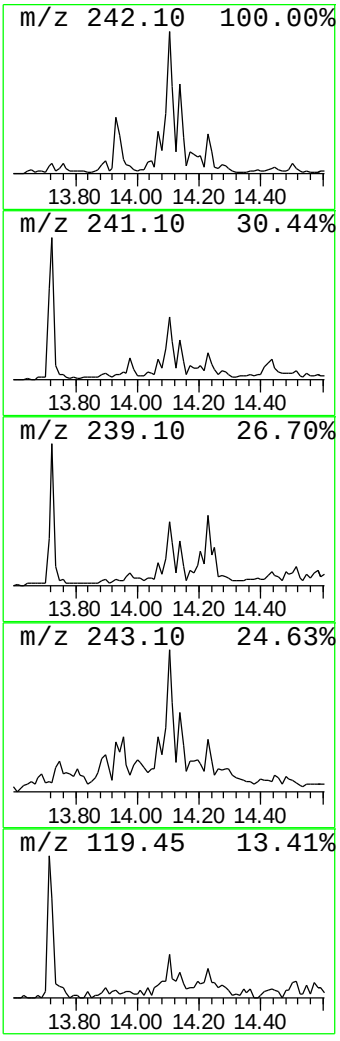
Peak Number 14 Benz[a]anthracene, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	3.52 ng	225497	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	86





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1412(0-4)

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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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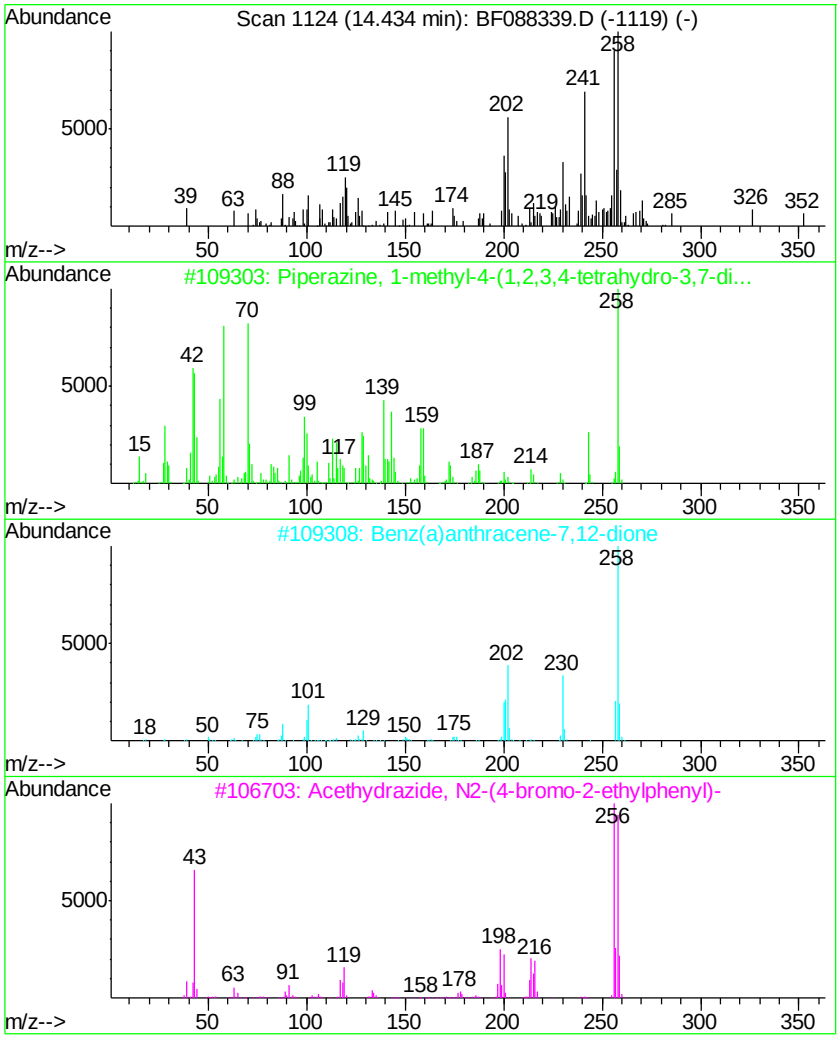
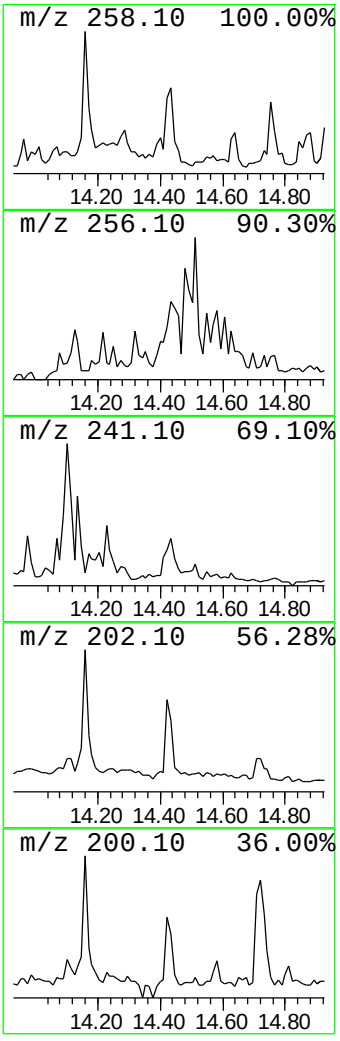
Peak Number 15 Piperazine, 1-methyl-4-(1,2... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	4.67 ng	140675	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	90
2	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	84
3	Acethydrazide, N2-(4-bromo-2-eth...	256	C10H13BrN2O	1000272-70-7	55
4	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	46
5	2-Thiazoleacetonitrile, 4-tricyc...	258	C15H18N2S	1000338-15-0	45





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Misc :
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Instrument : BNA_F
ClientSampleId : PM-STA-1412(0-4)

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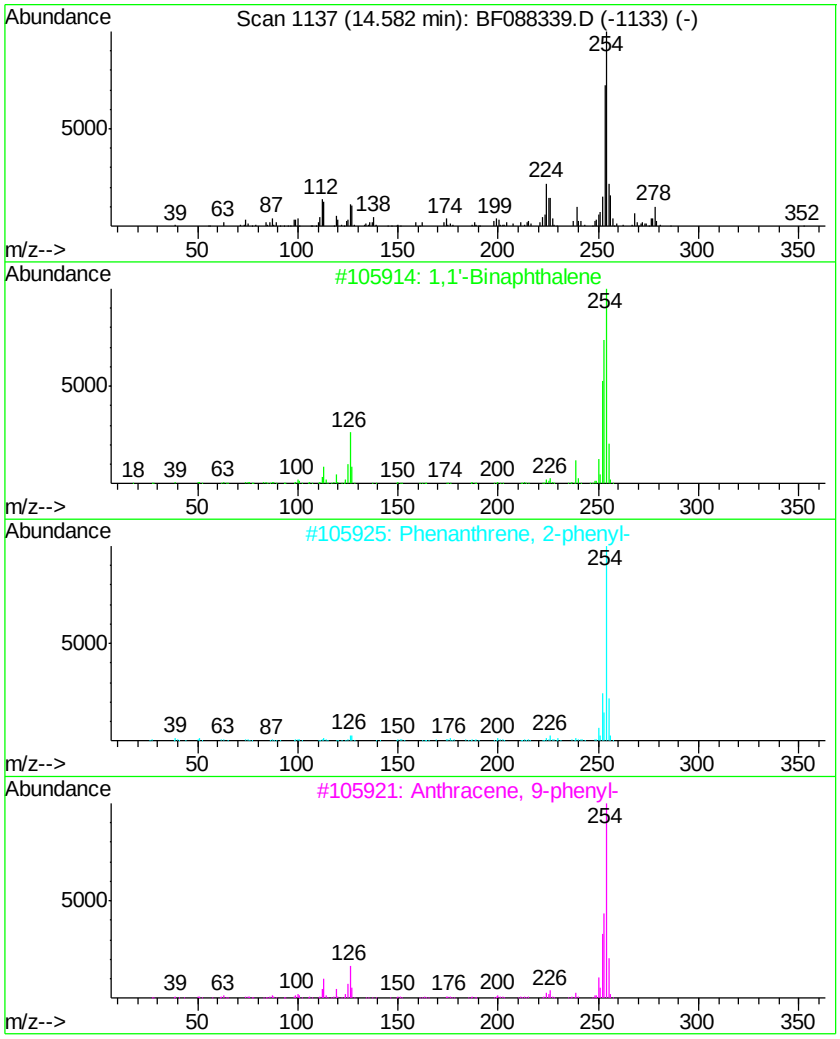
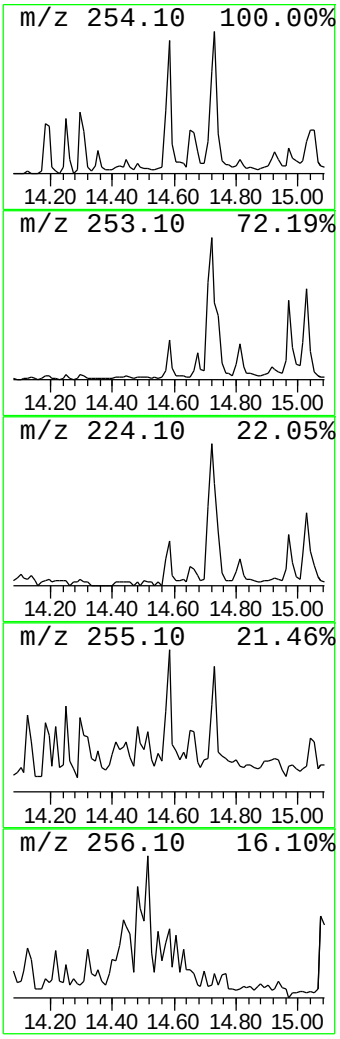
Peak Number 16 1,1'-Binaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	5.24 ng	157568	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	86
2	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	78
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	68
4	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	62
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	62





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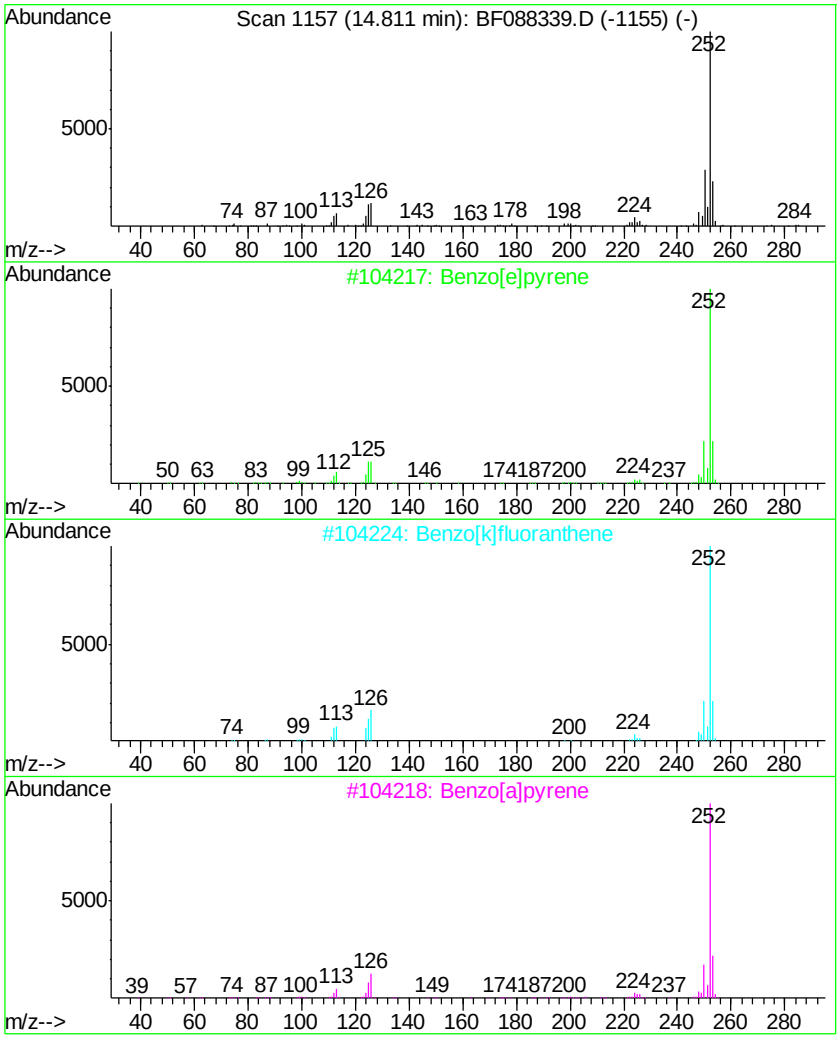
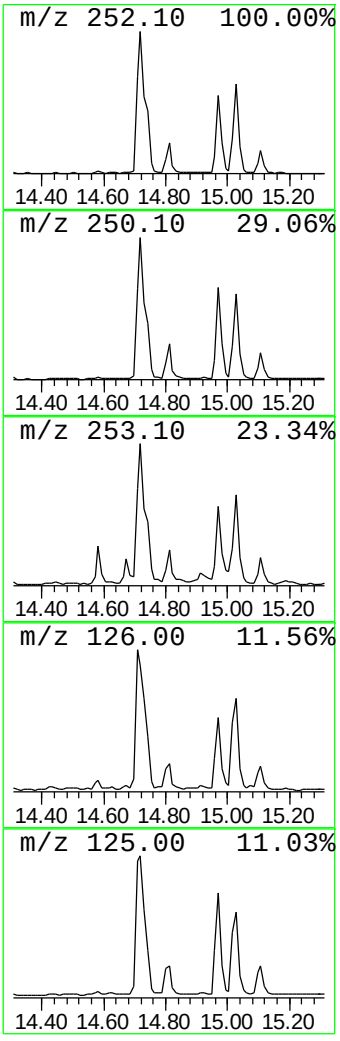
Peak Number 17 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	4.67 ng	140460	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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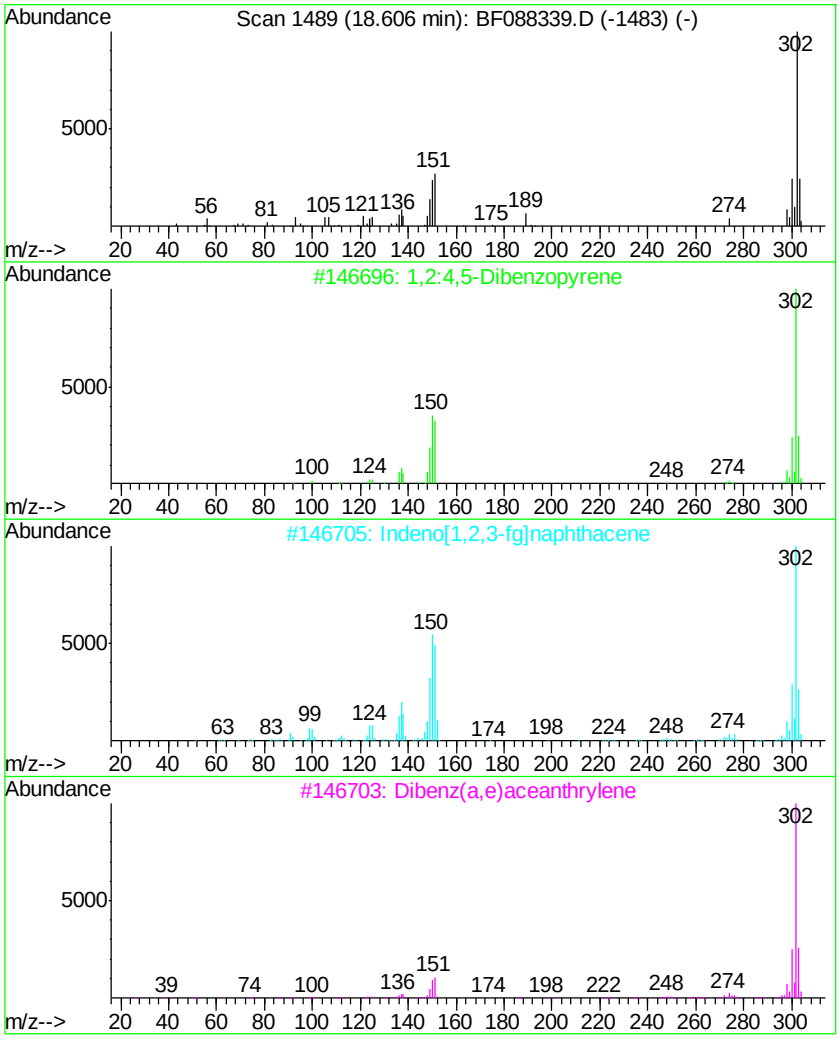
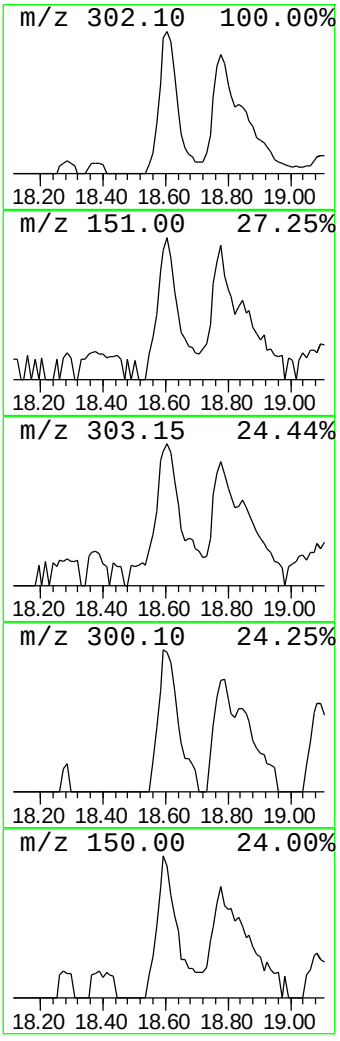
Peak Number 19 1,2:4,5-Dibenzopyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	3.75 ng	112782	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96
2	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	93
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	87
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	81
5	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	81





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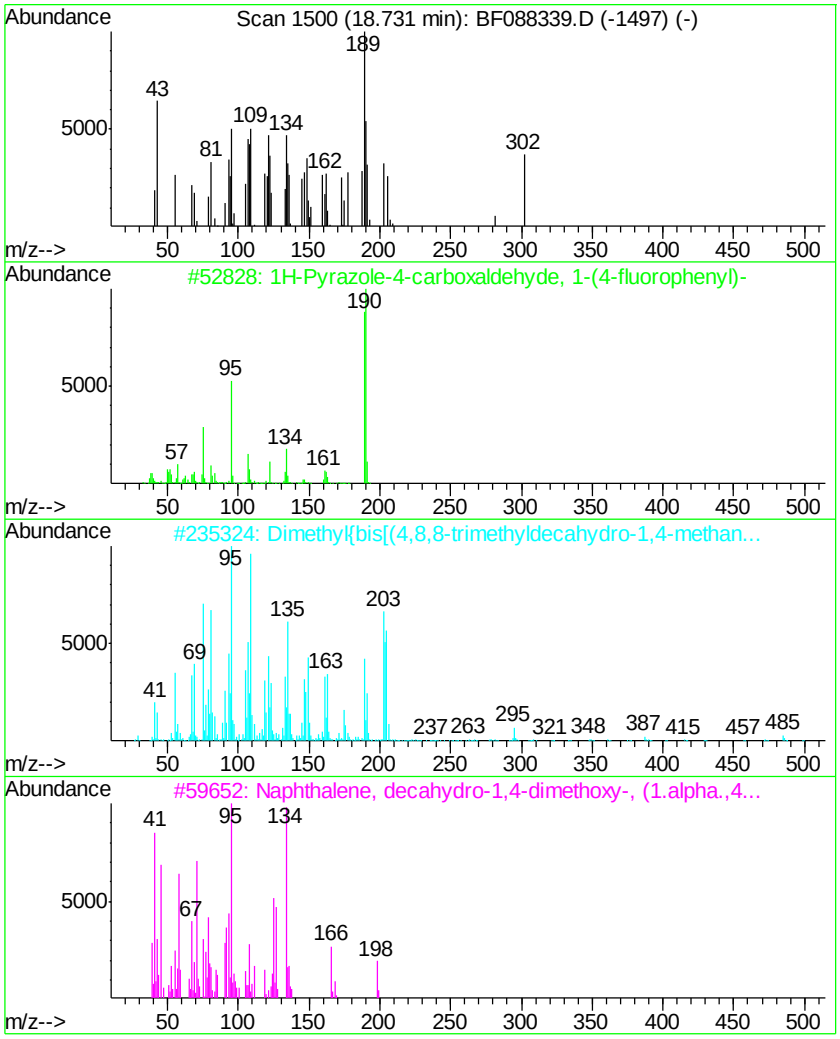
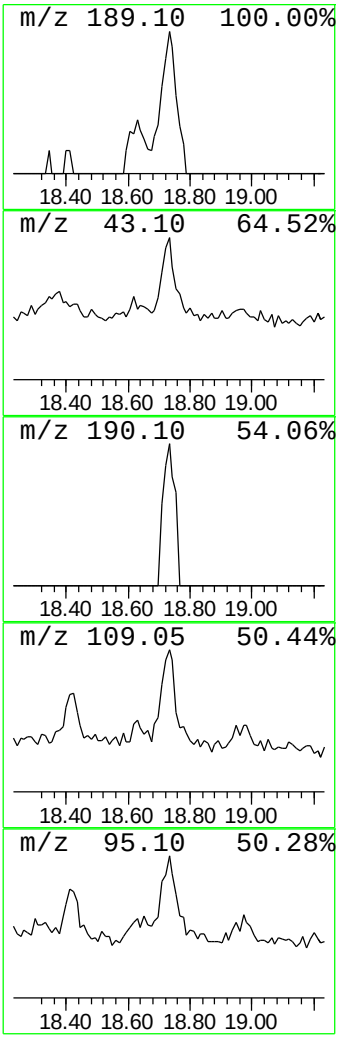
Peak Number 20 unknown18.73 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	4.77 ng	143504	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	38
2	Dimethyl{bis[(4,8,8-trimethyldec...	500	C32H56O2Si	1000364-69-0	25
3	Naphthalene, decahydro-1,4-dimet...	198	C12H22O2	042067-56-1	25
4	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	18
5	1-Methyl-2-phenylpiperidin-4-one	189	C12H15NO	091640-05-0	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088339.D
Acq On : 24 Jun 2016 18:53
Operator : UM/SJ
Sample : H3599-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1412(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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...	4.71	7.0	ng	161018	1	6.58	456831	20.0
unknown6.35	6.35	67.9	ng	1551210	1	6.58	456831	20.0
Heptadecane, 7-me...	10.54	3.5	ng	135499	4	11.10	778675	20.0
Phenanthrene, 2-m...	11.59	3.7	ng	145439	4	11.10	778675	20.0
4H-Cyclopenta[def...	11.70	7.7	ng	300712	4	11.10	778675	20.0
Phenanthrene, 2,5...	12.14	3.7	ng	142894	4	11.10	778675	20.0
Cyclopenta(def)ph...	12.23	3.5	ng	135393	4	11.10	778675	20.0
Fluoranthene, 2-m...	12.86	4.1	ng	263136	5	13.73	1280030	20.0
Hexanedioic acid,...	13.22	3.8	ng	239872	5	13.73	1280030	20.0
Anthra(1,2-b)thio...	13.47	4.2	ng	265914	5	13.73	1280030	20.0
11H-Benzo[a]fluor...	13.58	4.0	ng	256220	5	13.73	1280030	20.0
Benz[a]anthracene...	14.10	3.5	ng	225497	5	13.73	1280030	20.0
Piperazine, 1-met...	14.43	4.7	ng	140675	6	15.07	601848	20.0
1,1'-Binaphthalene	14.58	5.2	ng	157568	6	15.07	601848	20.0
Benzo[e]pyrene	14.81	4.7	ng	140460	6	15.07	601848	20.0
1,2:4,5-Dibenzopy...	18.61	3.8	ng	112782	6	15.07	601848	20.0
unknown18.73	18.73	4.8	ng	143504	6	15.07	601848	20.0