LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080266.D
Acq On : 1 Jul 2015 9:19
Operator : TP/IZ
Sample : G2831-07 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-4(0-2)

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-BF061715.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	5.898	243	246	248	rBV	150304	210409	8.36%	0.682%
2	6.893	331	333	335	rBV	174931	217307	8.64%	0.704%
3	7.053	344	347	349	rBV	269729	239217	9.51%	0.775%
4	7.281	365	367	370	rVB	204540	197507	7.85%	0.640%
5	7.441	379	381	384	rVB	233456	189731	7.54%	0.615%
6	7.842	413	416	418	rBV	164960	136004	5.40%	0.441%
7	8.573	478	480	485	rVB2	309802	341474	13.57%	1.106%
8	9.647	572	574	577	rBV	302099	272743	10.84%	0.883%
9	10.345	633	635	637	rBV	351635	308505	12.26%	0.999%
10	10.379	637	638	640	rVB	181400	136264	5.41%	0.441%
11	10.550	651	653	655	rBV	88865	78595	3.12%	0.255%
12	10.905	682	684	686	rVB	91563	118624	4.71%	0.384%
13	10.962	686	689	690	rBV	23938	48452	1.93%	0.157%
14	11.145	703	705	707	rVB	182088	194766	7.74%	0.631%
15	11.453	729	732	734	rBV2	32612	73701	2.93%	0.239%
16	11.659	748	750	752	rVV	94677	89786	3.57%	0.291%
17	11.716	752	755	757	rVV2	30784	65708	2.61%	0.213%
18	11.762	757	759	761	rVB	103327	87096	3.46%	0.282%
19	11.899	767	771	773	rBV	1972127	2128087	84.57%	6.893%
20	11.945	773	775	777	rVV	289138	362671	14.41%	1.175%
21	12.105	786	789	792	rVV	172231	179715	7.14%	0.582%
22	12.219	797	799	802	rVV	55747	64286	2.55%	0.208%
23	12.413	813	816	817	rBV	198448	296211	11.77%	0.959%
24	12.436	817	818	820	rVB	361727	334989	13.31%	1.085%
25	12.493	820	823	824	rBV	109403	121490	4.83%	0.394%
26	12.539	824	827	831	rVB2	312774	674021	26.78%	2.183%
27	12.733	842	844	845	rVV	189601	195811	7.78%	0.634%
28	12.756	845	846	850	rVB	185594	183382	7.29%	0.594%
29	12.813	850	851	854	rBV2	35786	46586	1.85%	0.151%
30	12.905	855	859	860	rBV	88670	116148	4.62%	0.376%
31	12.939	860	862	863	rVV	78086	72087	2.86%	0.233%
32	12.962	863	864	867	rVV	56320	48548	1.93%	0.157%
33	13.019	867	869	871	rVV	153588	235710	9.37%	0.763%
34	13.065	871	873	876	rVV2	91748	203817	8.10%	0.660%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SP-4(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.122	876	878	881	rVV	162985	203609	8.09%	0.659%
36	13.213	884	886	889	rVV	1798333	2087214	82.94%	6.760%
37	13.259	889	890	891	rVV	52821	48706	1.94%	0.158%
38	13.282	891	892	894	rVB	67095	76459	3.04%	0.248%
39	13.362	897	899	900	rBV2	53345	75060	2.98%	0.243%
40	13.396	900	902	903	rVV	88924	95383	3.79%	0.309%
41	13.488	906	910	913	rBV	1996718	2516508	100.00%	8.151%
42	13.545	913	915	918	rVV2	85859	134280	5.34%	0.435%
43	13.648	918	924	925	rVV2	347718	509118	20.23%	1.649%
44	13.671	925	926	928	rVB	123984	118701	4.72%	0.384%
45	13.751	930	933	937	rBV4	139956	343105	13.63%	1.111%
46	13.819	937	939	940	rBV2	31655	49901	1.98%	0.162%
47	13.876	940	944	946	rVB	229459	458902	18.24%	1.486%
48	13.968	949	952	953	rVV	123602	175199	6.96%	0.567%
49	14.014	953	956	957	rVV2	228127	297585	11.83%	0.964%
50	14.048	957	959	961	rVV	74201	125507	4.99%	0.407%
51	14.082	961	962	964	rVV2	55776	66087	2.63%	0.214%
52	14.128	964	966	968	rVV	153334	179205	7.12%	0.580%
53	14.174	968	970	972	rVV	128026	208190	8.27%	0.674%
54	14.265	976	978	982	rVB4	33530	67697	2.69%	0.219%
55	14.391	984	989	990	rBV4	46224	127728	5.08%	0.414%
56	14.425	990	992	993	rVV	45921	65853	2.62%	0.213%
57	14.528	996	1001	1004	rBV	195082	317534	12.62%	1.028%
58	14.676	1010	1014	1016	rBV2	166551	333584	13.26%	1.080%
59	14.711	1016	1017	1019	rVV	199098	222239	8.83%	0.720%
60	14.745	1019	1020	1023	rVV2	150758	238250	9.47%	0.772%
61	14.802	1023	1025	1030	rVV	202168	281237	11.18%	0.911%
62	14.905	1031	1034	1038	rVB3	36377	78199	3.11%	0.253%
63	15.008	1038	1043	1045	rBV3	1022035	1988616	79.02%	6.441%
64	15.054	1045	1047	1051	rVV	954395	1194607	47.47%	3.869%
65	15.157	1052	1056	1061	rVV2	117183	235174	9.35%	0.762%
66	15.237	1061	1063	1064	rVV2	38522	64219	2.55%	0.208%
67	15.271	1064	1066	1068	rVB2	64118	86651	3.44%	0.281%
68	15.317	1068	1070	1073	rBV2	80816	130067	5.17%	0.421%
69	15.465	1081	1083	1085	rVV	51954	74571	2.96%	0.242%
70	15.499	1085	1086	1088	rVV	57021	92808	3.69%	0.301%
71	15.557	1088	1091	1093	rVV	209031	325350	12.93%	1.054%

LSC Area Percent Report

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Operator : TP/IZ
Sample : G2831-07 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-4(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.602	1093	1095	1098	rVV	139987	205167	8.15%	0.665%
73	15.694	1098	1103	1105	rVV3	91980	250778	9.97%	0.812%
74	15.739	1105	1107	1108	rVV	120335	176762	7.02%	0.573%
75	15.762	1108	1109	1112	rVV3	87912	142511	5.66%	0.462%
76	15.842	1112	1116	1119	rVB3	68970	153074	6.08%	0.496%
77	15.991	1126	1129	1131	rBV2	64440	102789	4.08%	0.333%
78	16.037	1131	1133	1137	rVB2	29647	55274	2.20%	0.179%
79	16.117	1137	1140	1141	rBV3	28776	58490	2.32%	0.189%
80	16.254	1147	1152	1155	rBV4	63037	199094	7.91%	0.645%
81	16.345	1158	1160	1162	rBV	43821	52319	2.08%	0.169%
82	16.471	1167	1171	1176	rBV	737902	2043535	81.21%	6.619%
83	16.597	1180	1182	1185	rVB	154970	183070	7.27%	0.593%
84	16.734	1190	1194	1197	rVV4	41398	140756	5.59%	0.456%
85	16.791	1197	1199	1201	rVV2	55988	91212	3.62%	0.295%
86	16.848	1201	1204	1208	rVB	531178	814656	32.37%	2.639%
87	16.928	1208	1211	1215	rBV	760362	1028042	40.85%	3.330%
88	17.008	1215	1218	1220	rVV	287620	492846	19.58%	1.596%
89	17.042	1220	1221	1229	rVB2	221722	313157	12.44%	1.014%
90	17.614	1269	1271	1274	rBV	19282	59614	2.37%	0.193%
91	17.717	1278	1280	1286	rVB2	50149	110765	4.40%	0.359%
92	18.311	1329	1332	1334	rBV	33793	68579	2.73%	0.222%
93	18.437	1340	1343	1345	rBV3	29536	59223	2.35%	0.192%
94	18.654	1356	1362	1366	rBV3	63746	230443	9.16%	0.746%
95	18.860	1376	1380	1386	rVB2	315697	765930	30.44%	2.481%
96	18.951	1386	1388	1393	rVB	29535	74281	2.95%	0.241%
97	19.077	1396	1399	1402	rBV	64384	152784	6.07%	0.495%
98	19.157	1402	1406	1409	rBV	57644	122717	4.88%	0.397%
99	19.420	1424	1429	1436	rVB	251022	653638	25.97%	2.117%
100	19.706	1450	1454	1457	rBV	46625	110097	4.37%	0.357%

Sum of corrected areas: 30874154

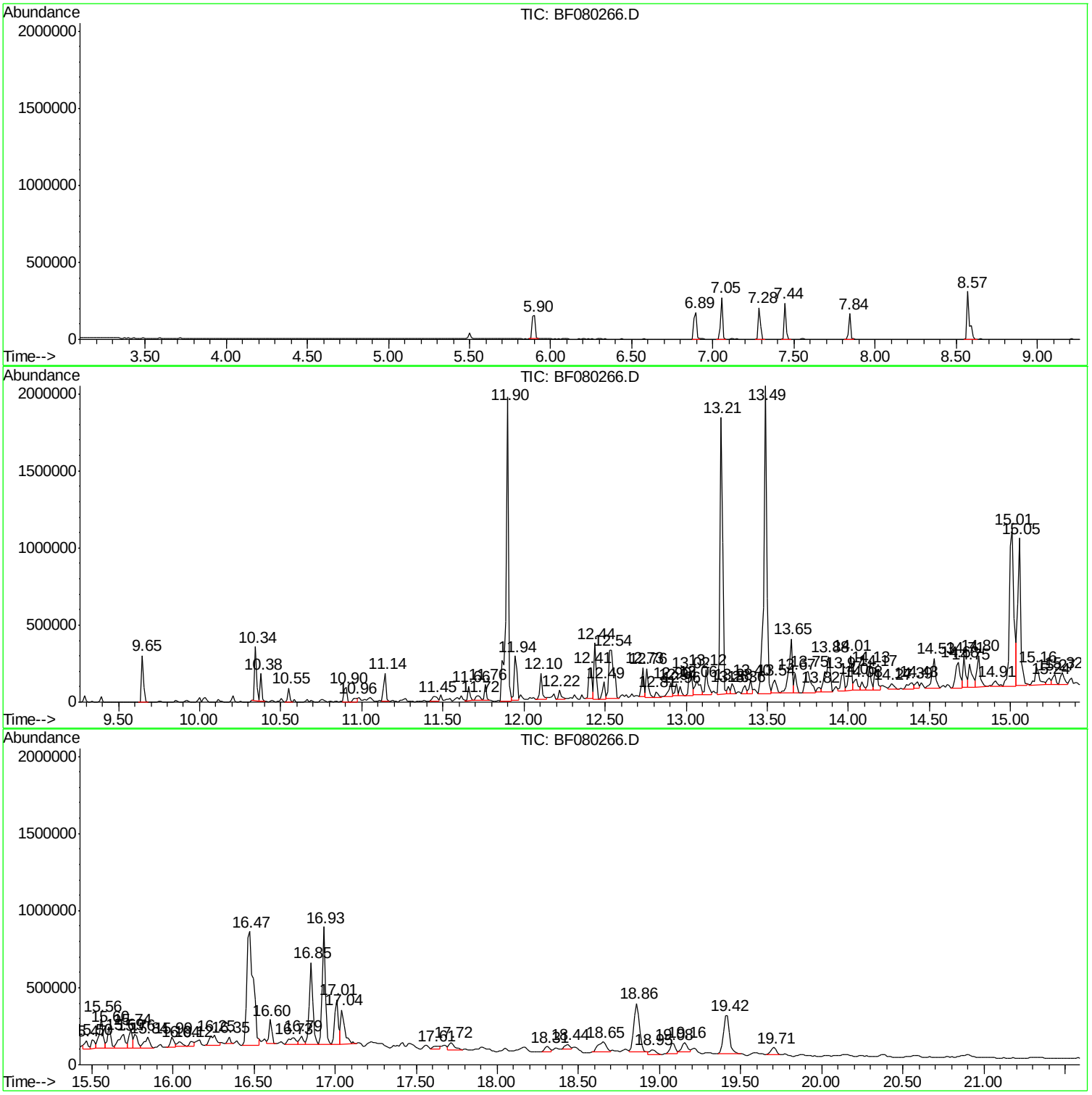
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080266.D
Acq On : 1 Jul 2015 9:19
Operator : TP/IZ
Sample : G2831-07 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080266.D
Acq On : 1 Jul 2015 9:19
Operator : TP/IZ
Sample : G2831-07 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

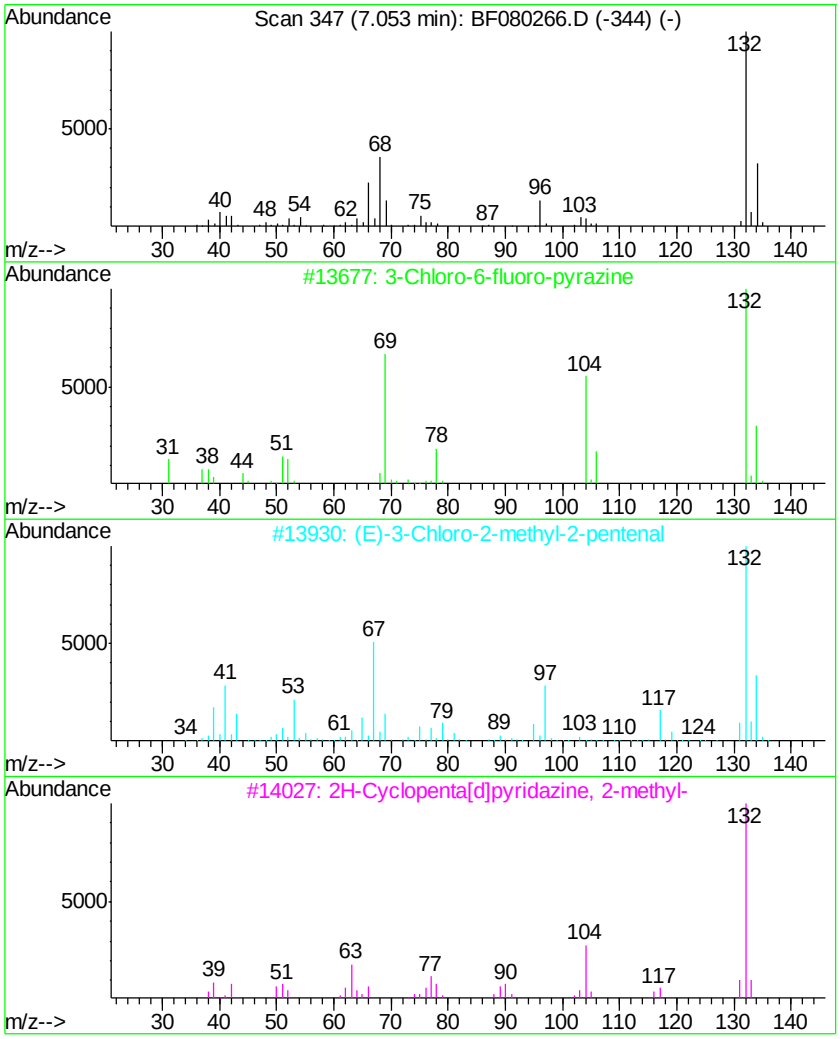
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

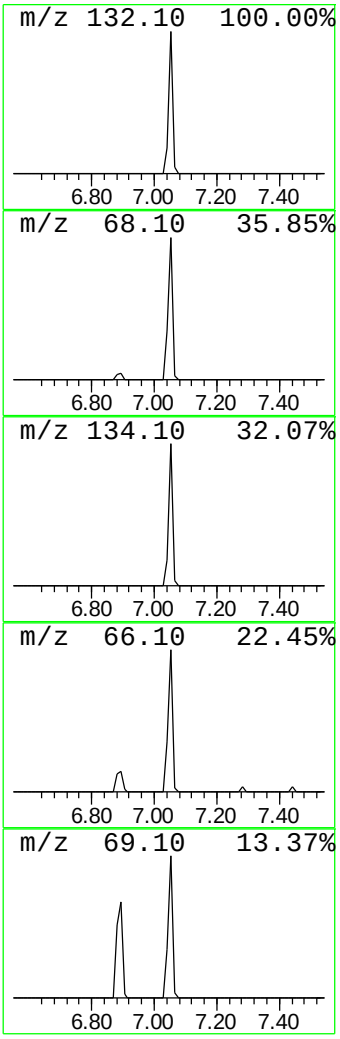
****

Peak Number 1 unknown7.05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	24.22 ng	239217	1,4-Dichlorobenzene-d4	7.28

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	17
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080266.D
Acq On : 1 Jul 2015 9:19
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Sample : G2831-07 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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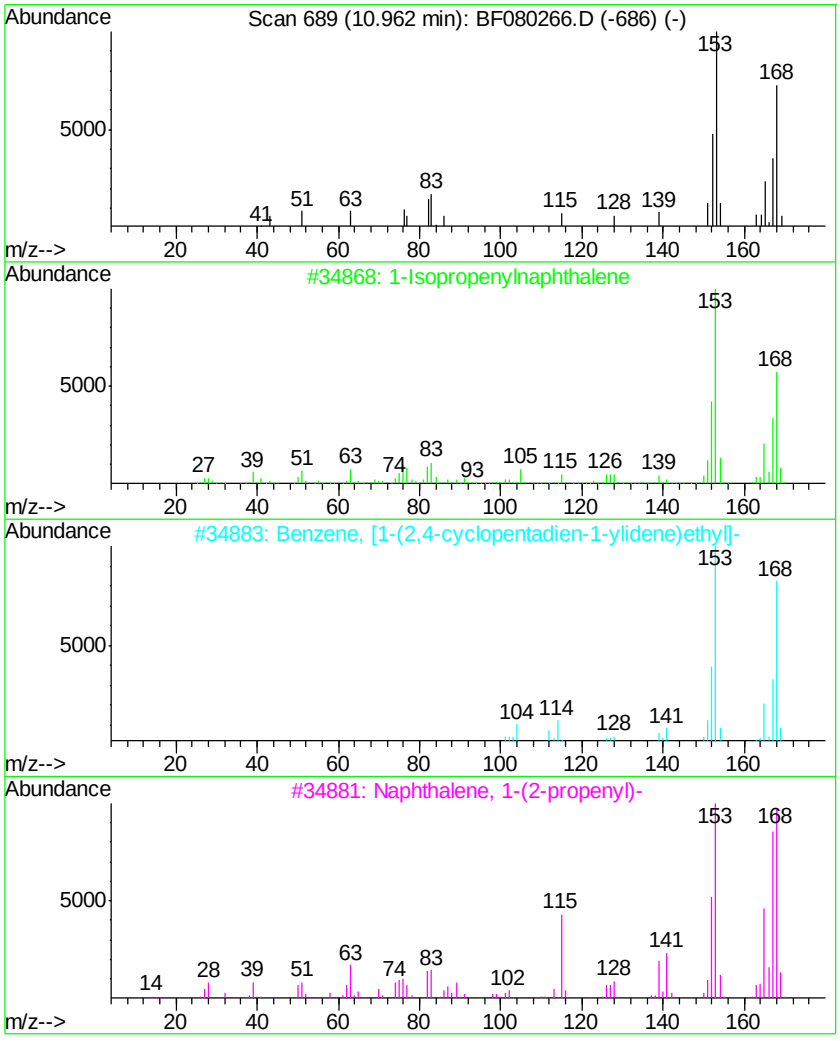
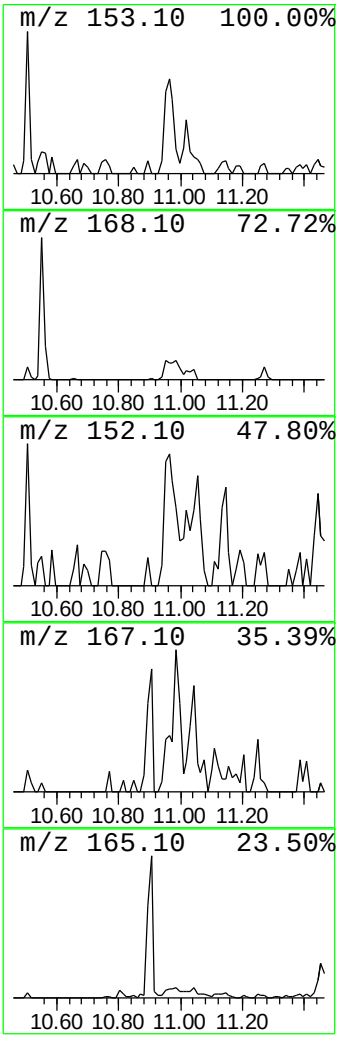
****

Peak Number 3 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	3.14 ng	48452	Acenaphthene-d10	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	81
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
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Instrument : BNA_F
ClientSampleId : SP-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

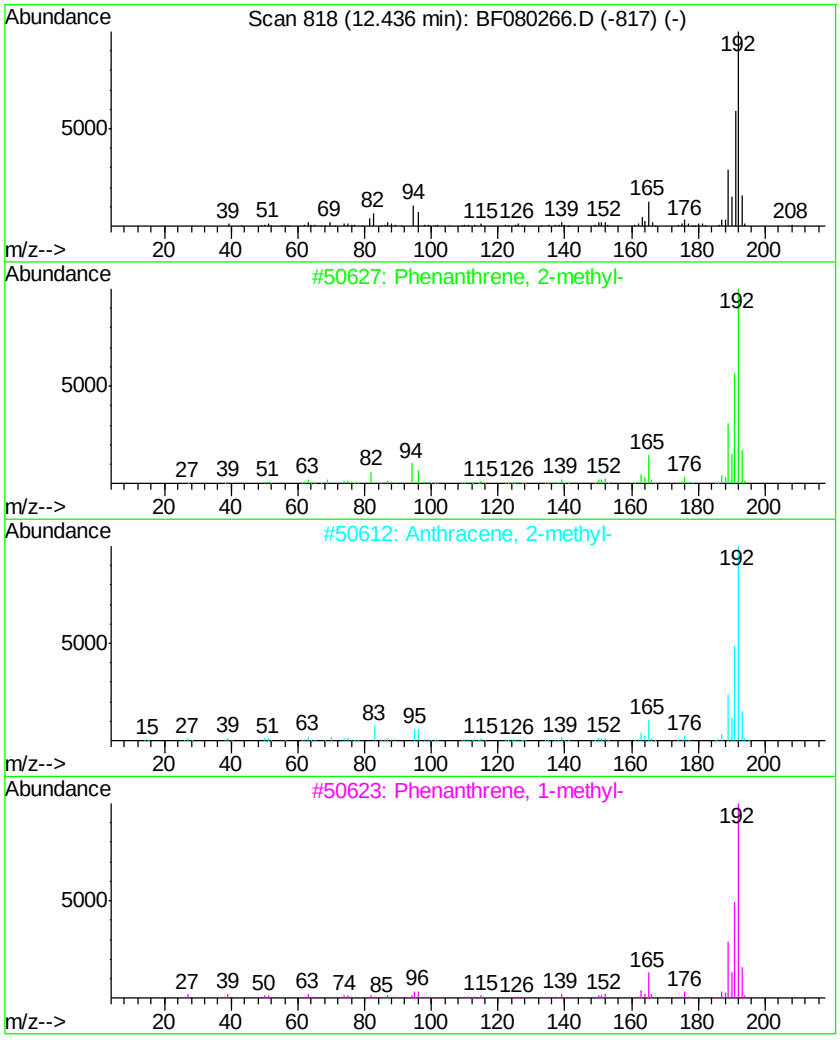
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

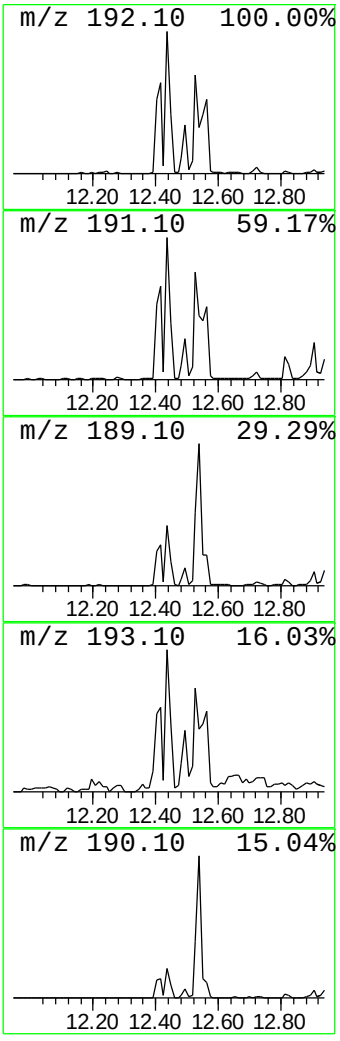
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	3.15 ng	334989	Phenanthrene-d10	11.86

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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Instrument : BNA_F
ClientSampleId : SP-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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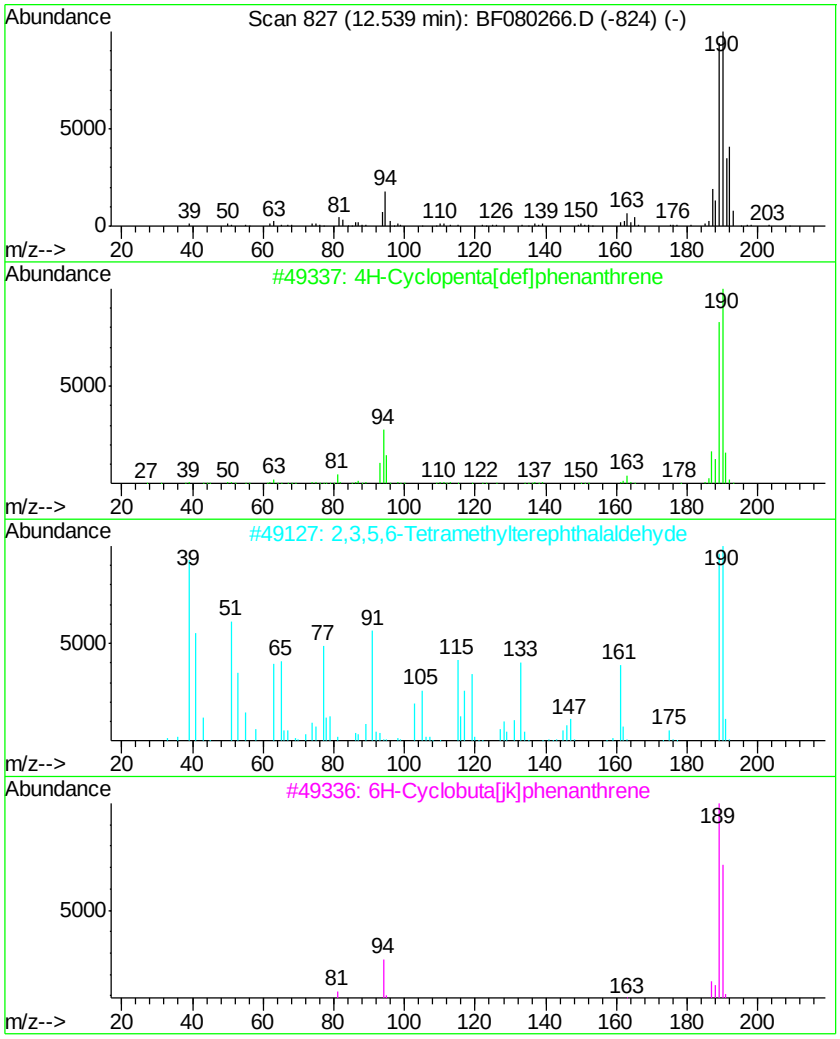
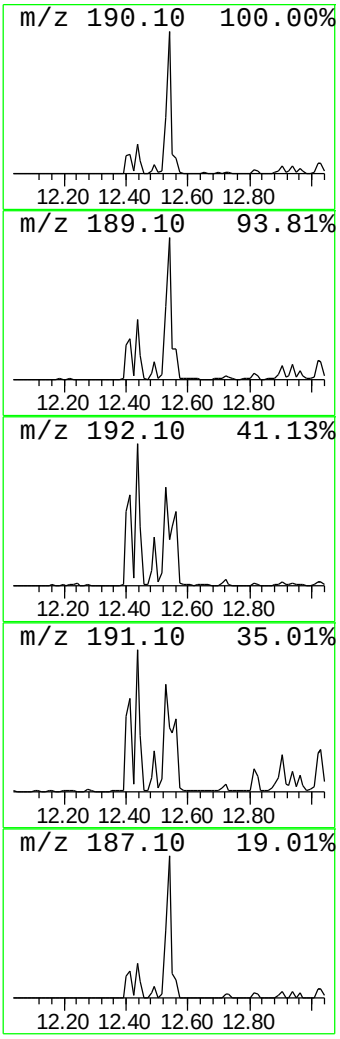
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	6.33 ng	674021	Phenanthrene-d10	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080266.D
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Operator : TP/IZ
Sample : G2831-07 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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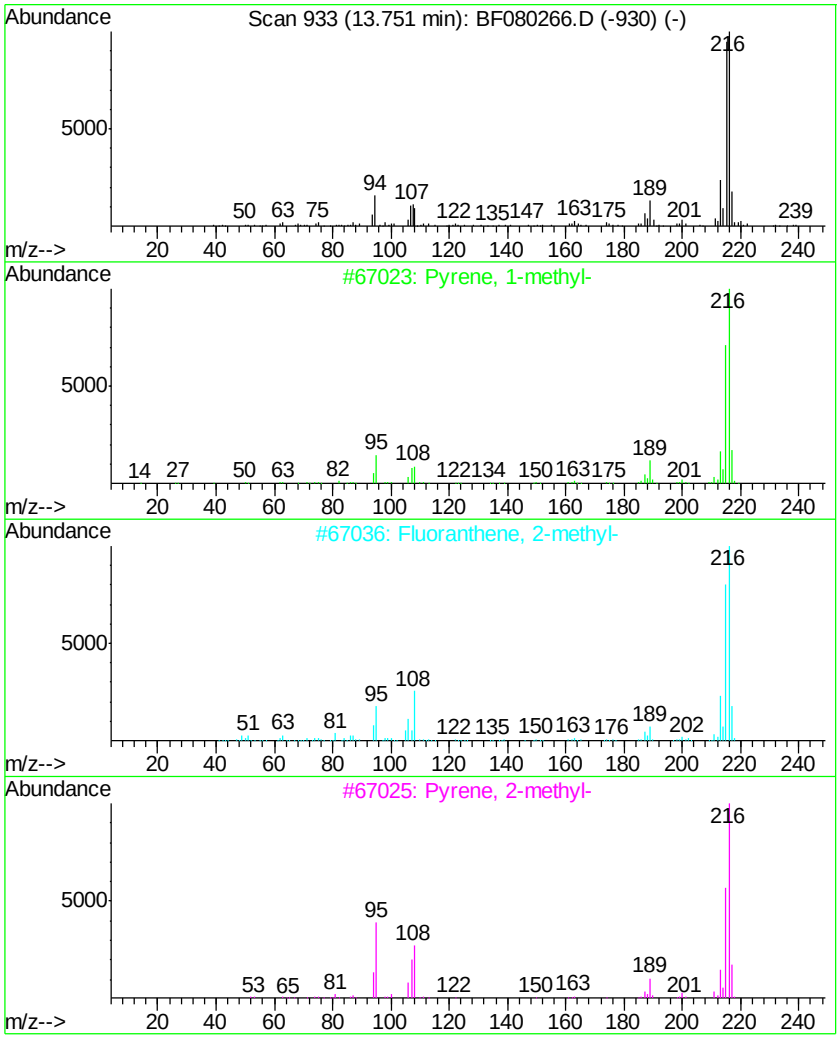
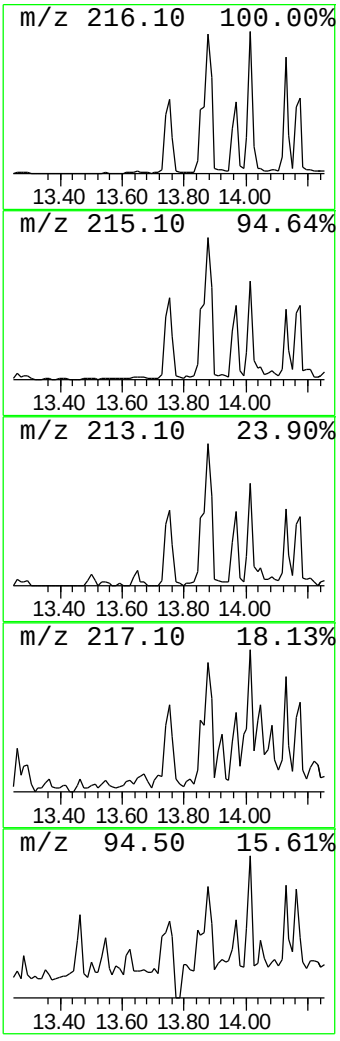
Peak Number 6 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	3.45 ng	343105	Chrysene-d12	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Acq On : 1 Jul 2015 9:19
Operator : TP/IZ
Sample : G2831-07 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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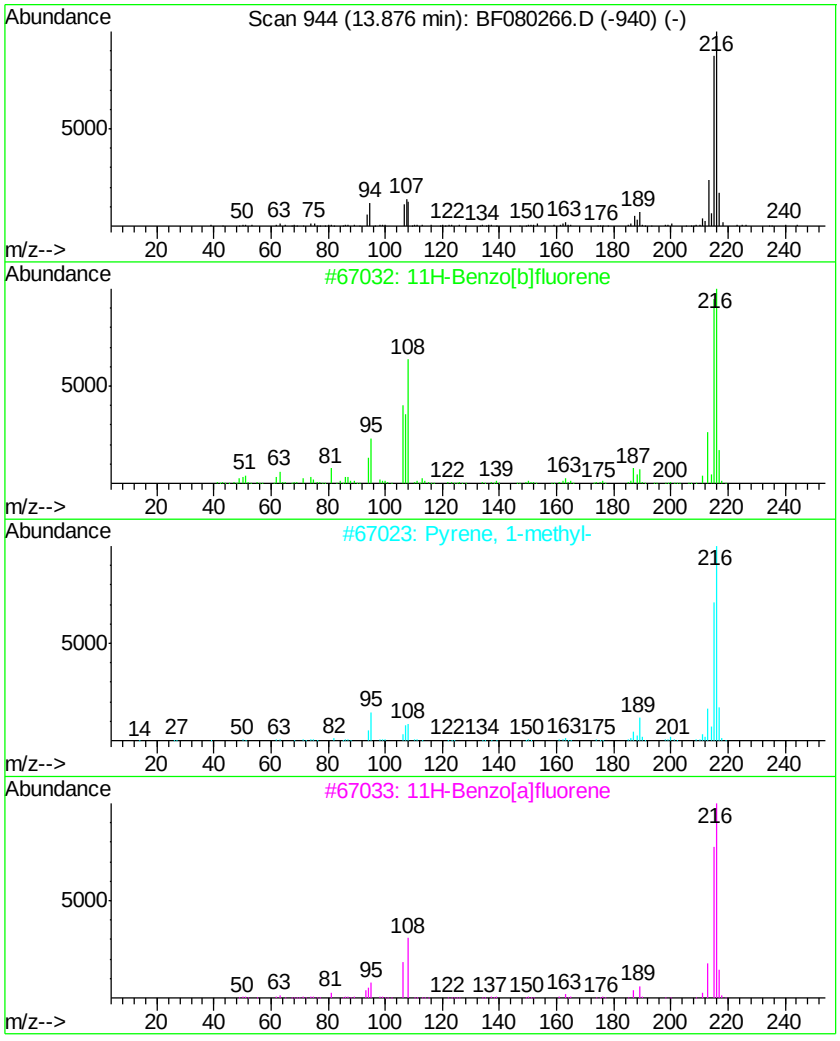
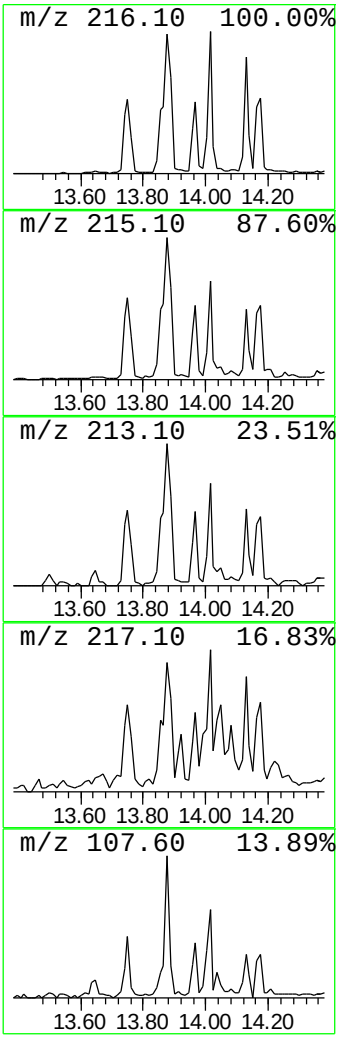
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	4.62 ng	458902	Chrysene-d12	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-4(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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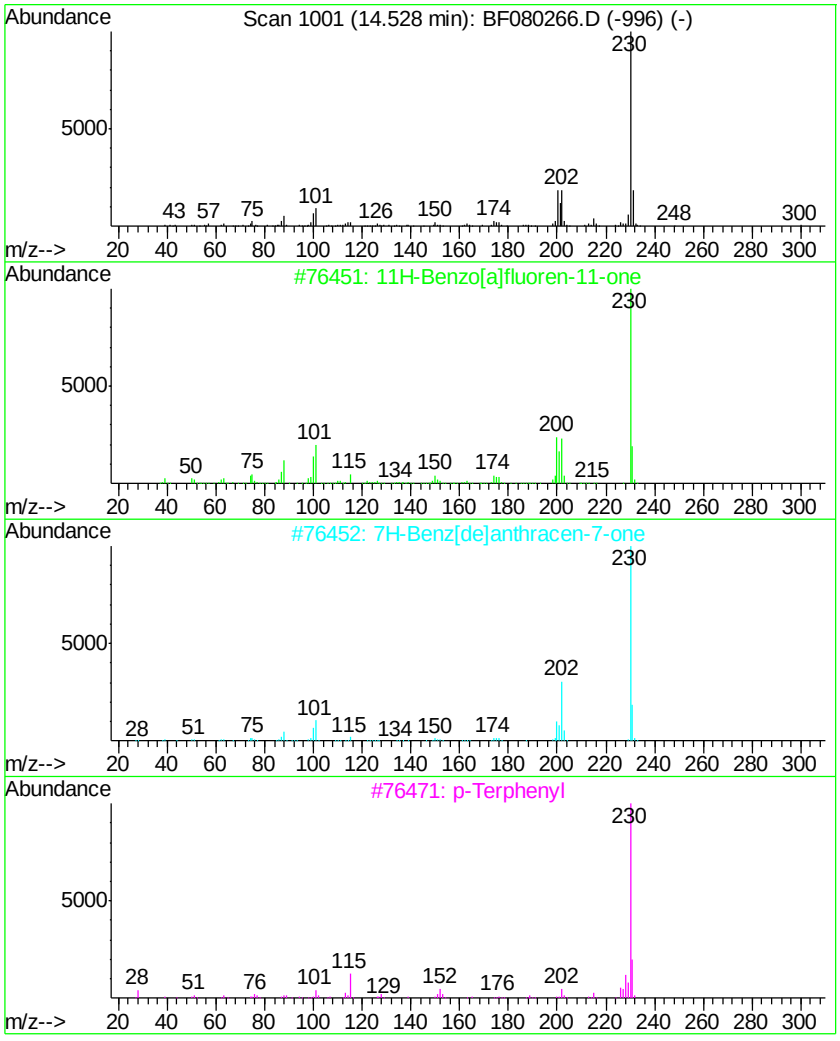
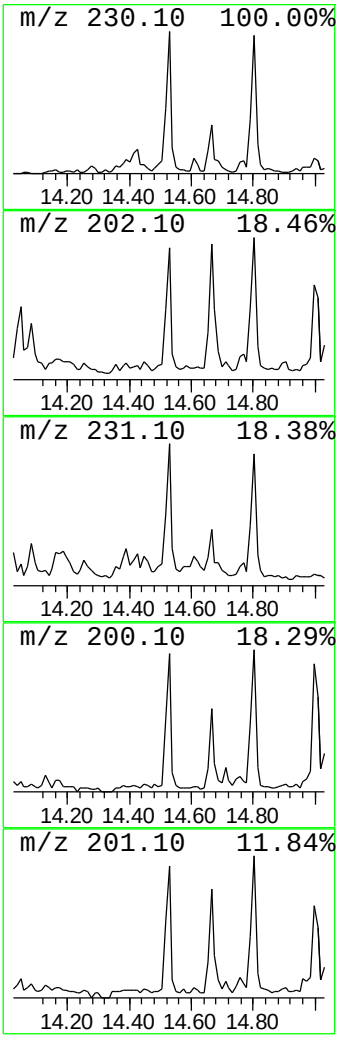
Peak Number 8 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	3.19 ng	317534	Chrysene-d12	15.02

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	93
3	p-Terphenyl	230	C18H14	000092-94-4	64
4	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	64
5	m-Terphenyl	230	C18H14	000092-06-8	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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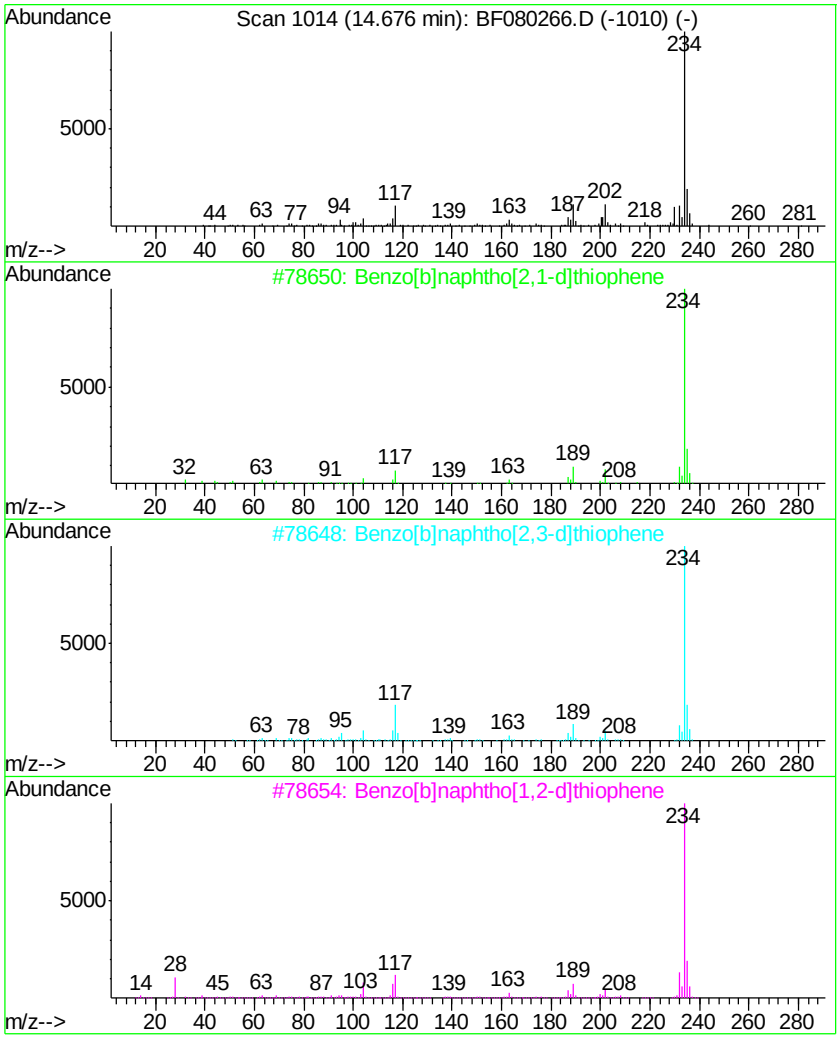
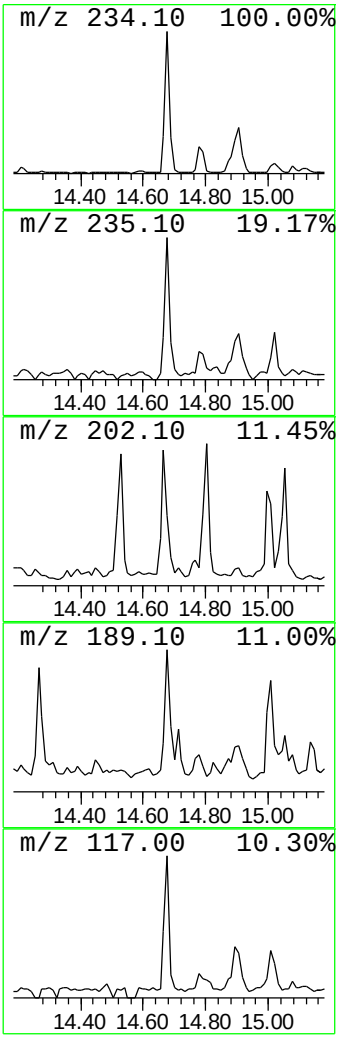
Peak Number 9 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	3.35 ng	333584	Chrysene-d12	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	74
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	53
5	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	50





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TIC Library : C:\DATABASE\NIST02.L
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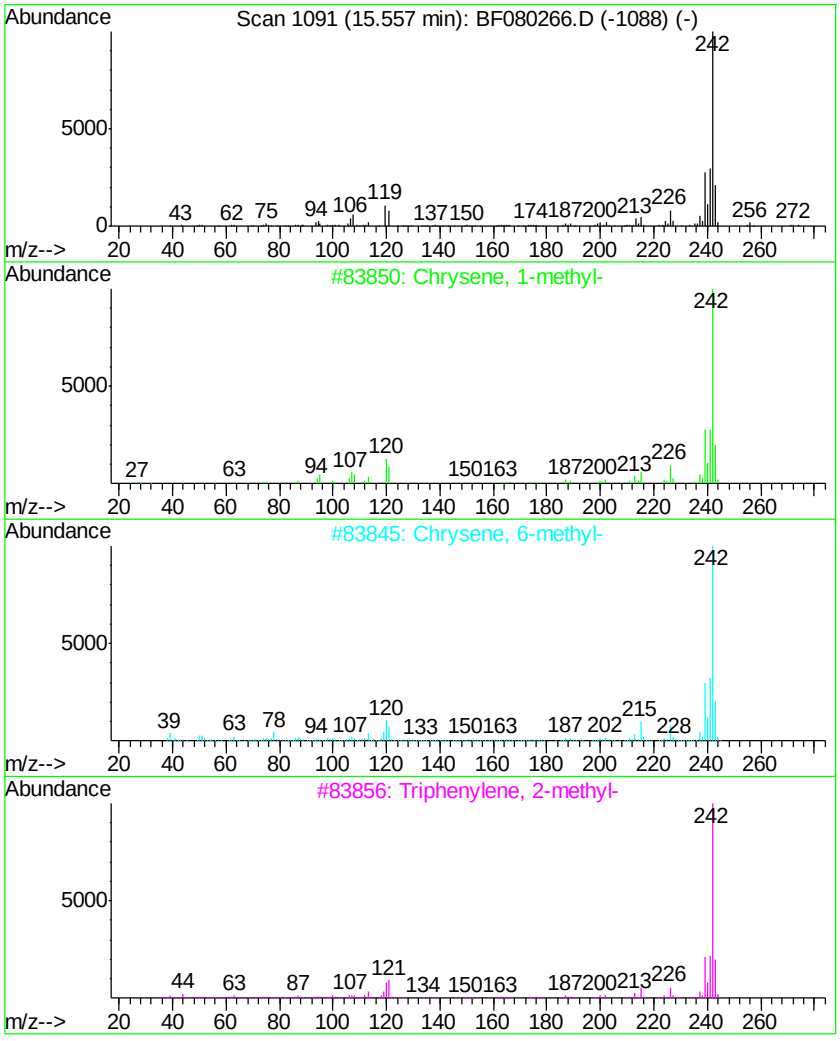
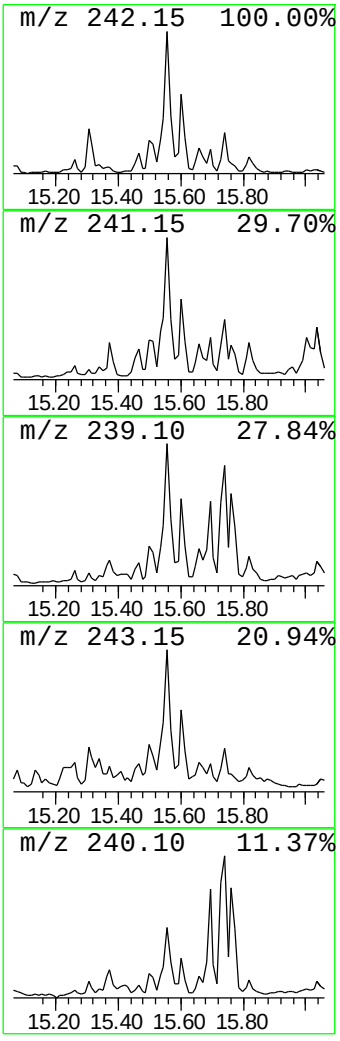
Peak Number 10 Chrysene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	3.27 ng	325350	Chrysene-d12	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
2	Chrysene, 6-methyl-	242	C19H14	003697-24-3	95
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
5	Chrysene, 2-methyl-	242	C19H14	003351-32-4	94





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Instrument : BNA_F
ClientSampleId : SP-4(0-2)

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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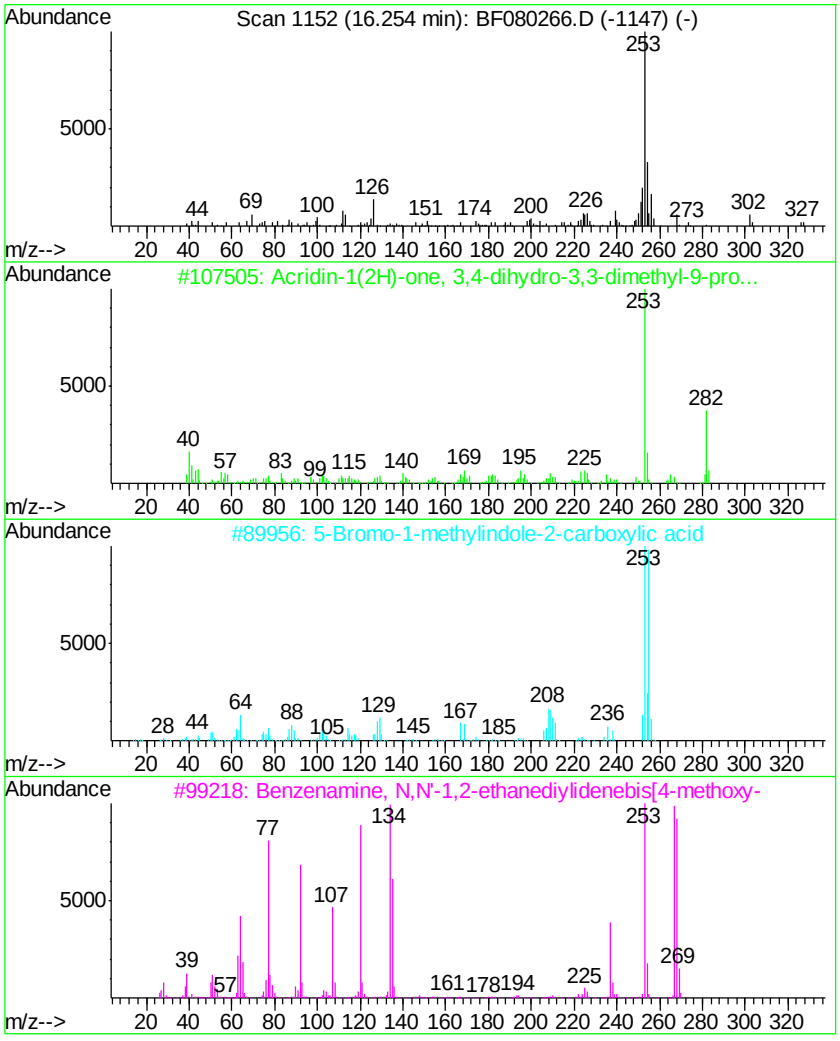
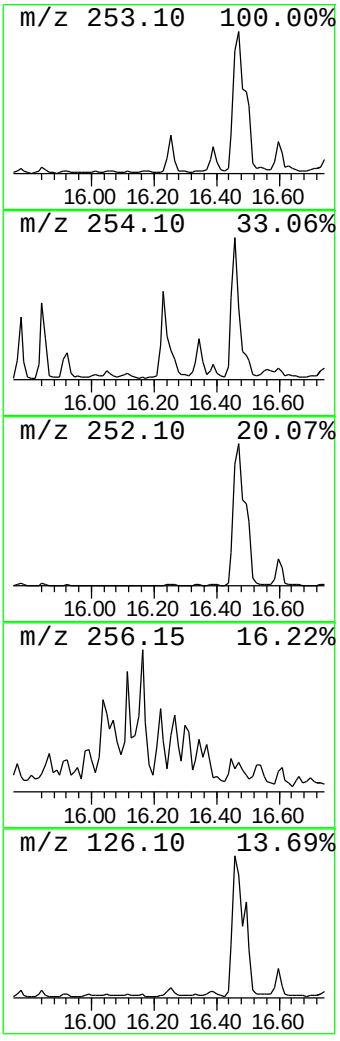
Peak Number 11 unknown16.25 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	8.08 ng	199094	Perylene-d12	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-1(2H)-one, 3,4-dihydro-3...	282	C18H22N2O	146352-02-5	47
2	5-Bromo-1-methylindole-2-carboxy...	253	C10H8BrNO2	090766-47-5	45
3	Benzenamine, N,N'-1,2-ethanediyl...	268	C16H16N2O2	024764-91-8	43
4	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	40
5	Propanephosphonic acid, bis(trim...	268	C9H25O3PSi2	1000193-07-4	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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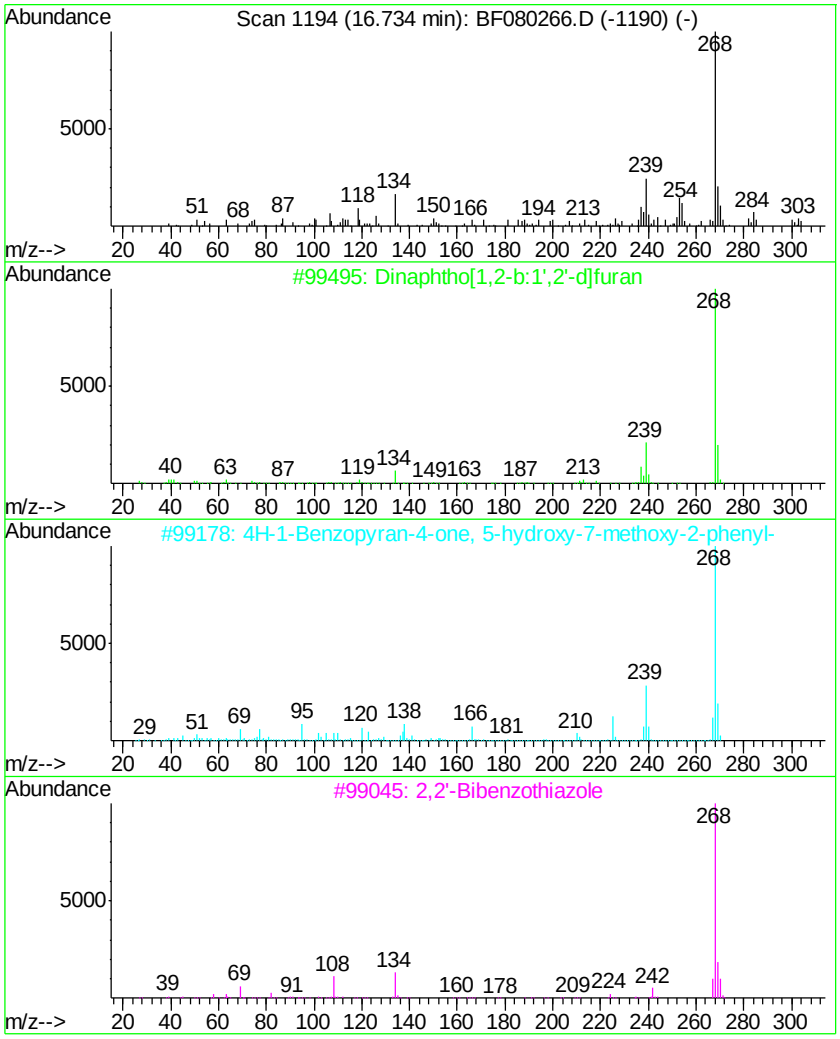
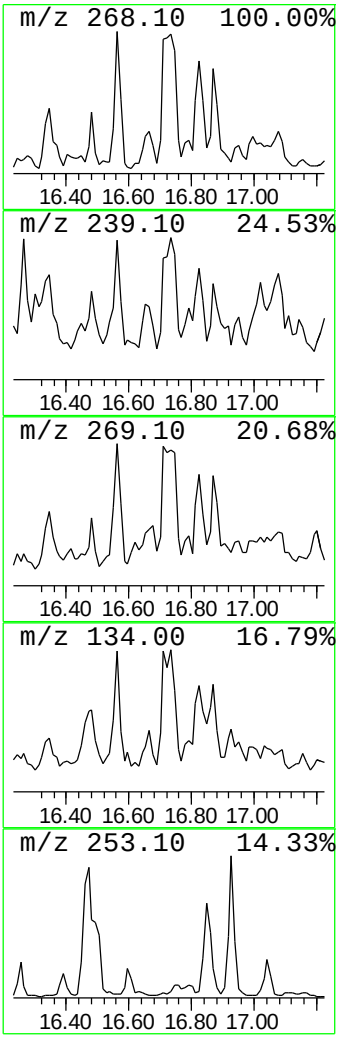
Peak Number 13 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	5.71 ng	140756	Perylene-d12	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
2	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	53
3	2,2'-Bibenzothiazole	268	C14H8N2S2	004271-09-4	52
4	trans-4,4'-Dimethoxychalcone	268	C17H16O3	041564-67-4	52
5	2,4-Diamino-6-phenylthioquinazoline	268	C14H12N4S	051123-94-5	50





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Misc :
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ClientSampleId : SP-4(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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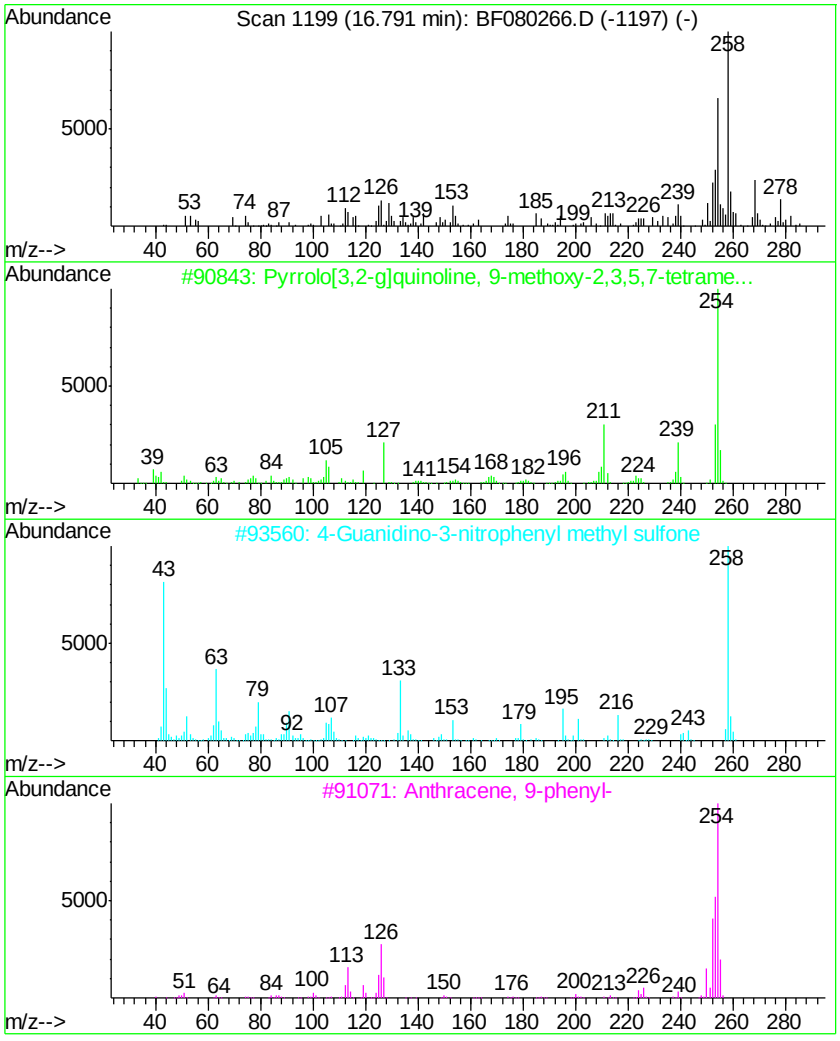
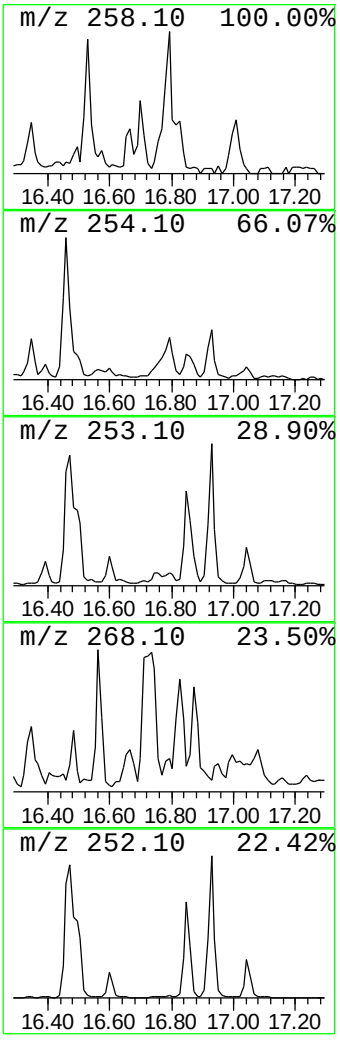
Peak Number 14 unknown16.79 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	3.70 ng	91212	Perylene-d12	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolo[3,2-g]quinoline, 9-metho...	254	C16H18N2O	199918-71-3	25
2	4-Guanidino-3-nitrophenyl methyl...	258	C8H10N4O4S	1000214-45-0	25
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	25
4	6H-Dibenzo[b,d]pyran-6-one, 3,7,...	258	C14H10O5	000641-38-3	22
5	2',5'-Dimethyl-p-terphenyl	258	C20H18	020260-22-4	22





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Misc :
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Instrument : BNA_F
ClientSampleId : SP-4(0-2)

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TIC Library : C:\DATABASE\NIST02.L
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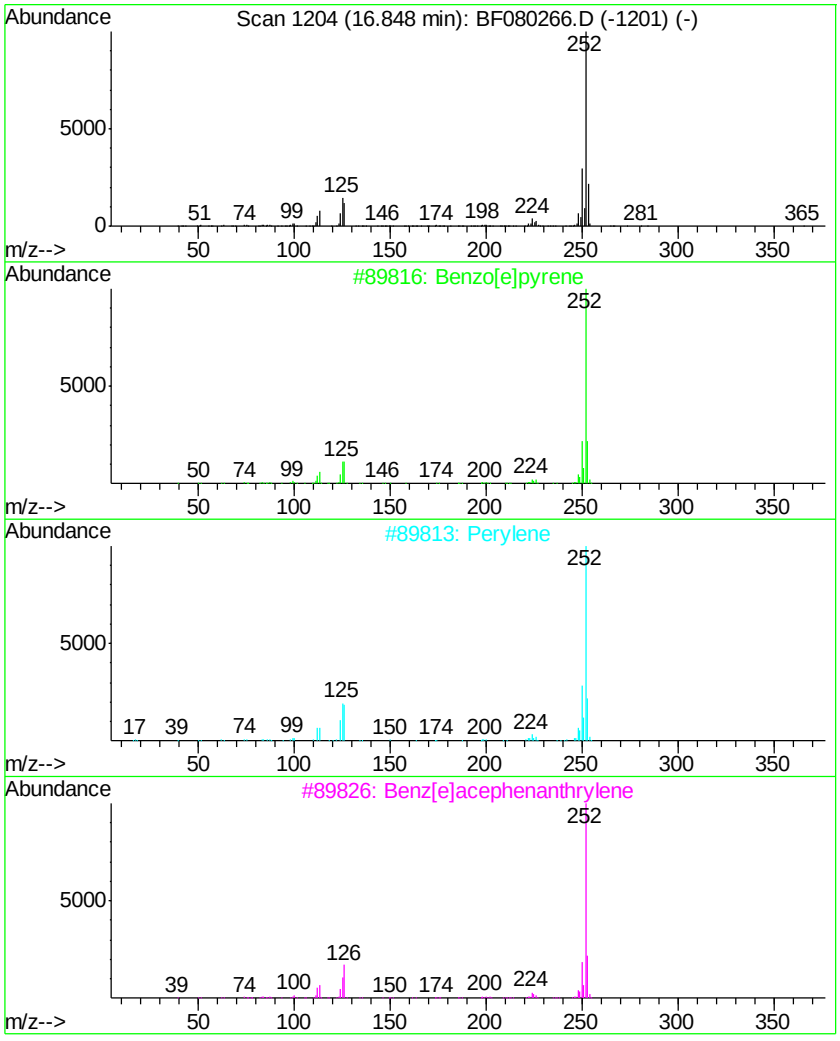
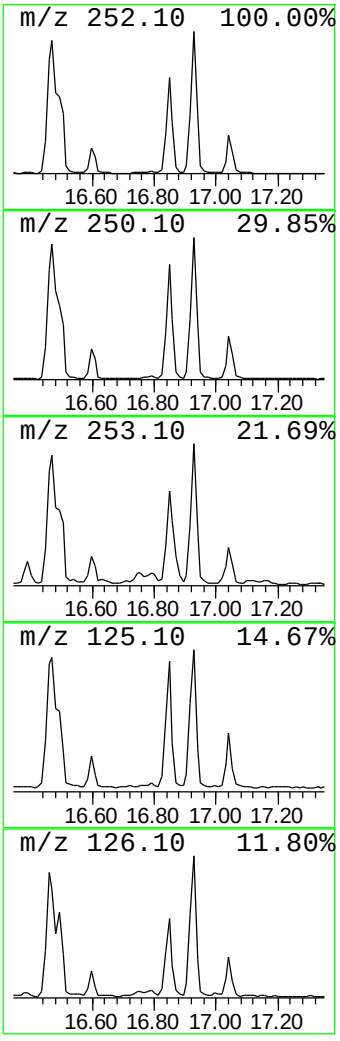
Peak Number 15 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	33.06 ng	814656	Perylene-d12	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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TIC Library : C:\DATABASE\NIST02.L
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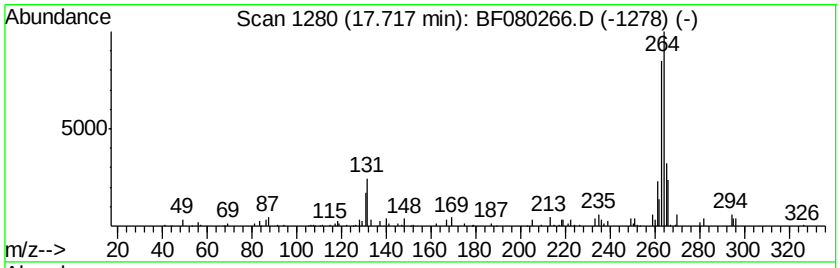
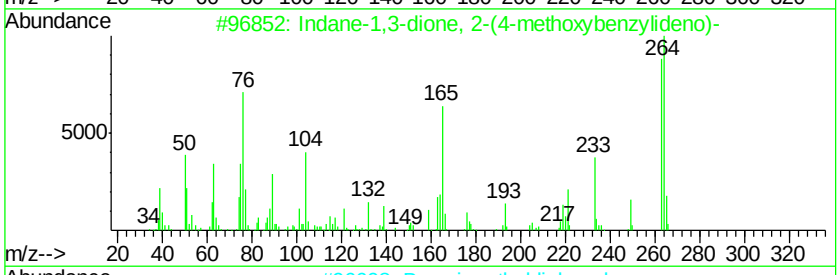
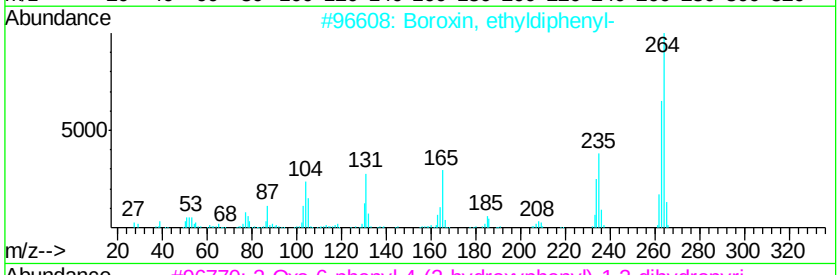
Peak Number 16 Indane-1,3-dione, 2-(4-meth... Concentration Rank 12

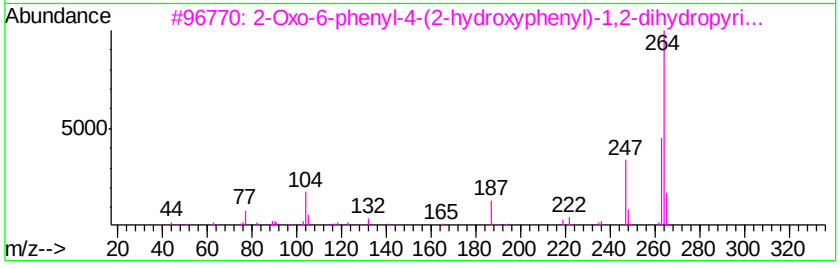
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	4.49 ng	110765	Perylene-d12	17.01

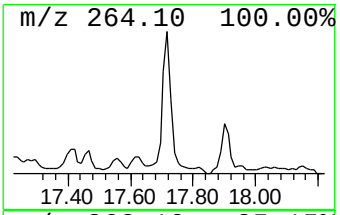
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane-1,3-dione, 2-(4-methoxybe...	264	C17H12O3	007421-76-3	50
2	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	33
3	2-Oxo-6-phenyl-4-(2-hydroxypheny...	264	C16H12N2O2	017432-82-5	27
4	Perylene-D12	264	C20D12	001520-96-3	27
5	Phenothiazine, 2-chloro-8-methoxy-	263	C13H10ClNOS	017800-09-8	25

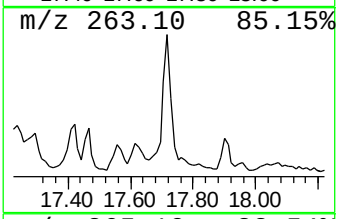


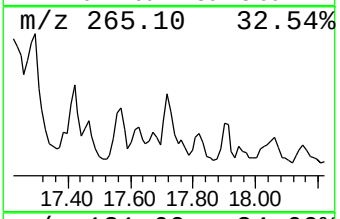


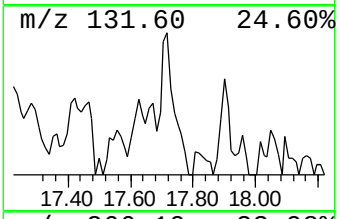


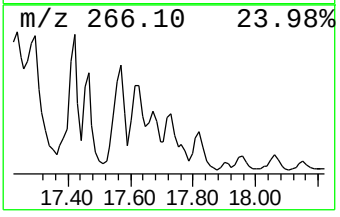












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Misc :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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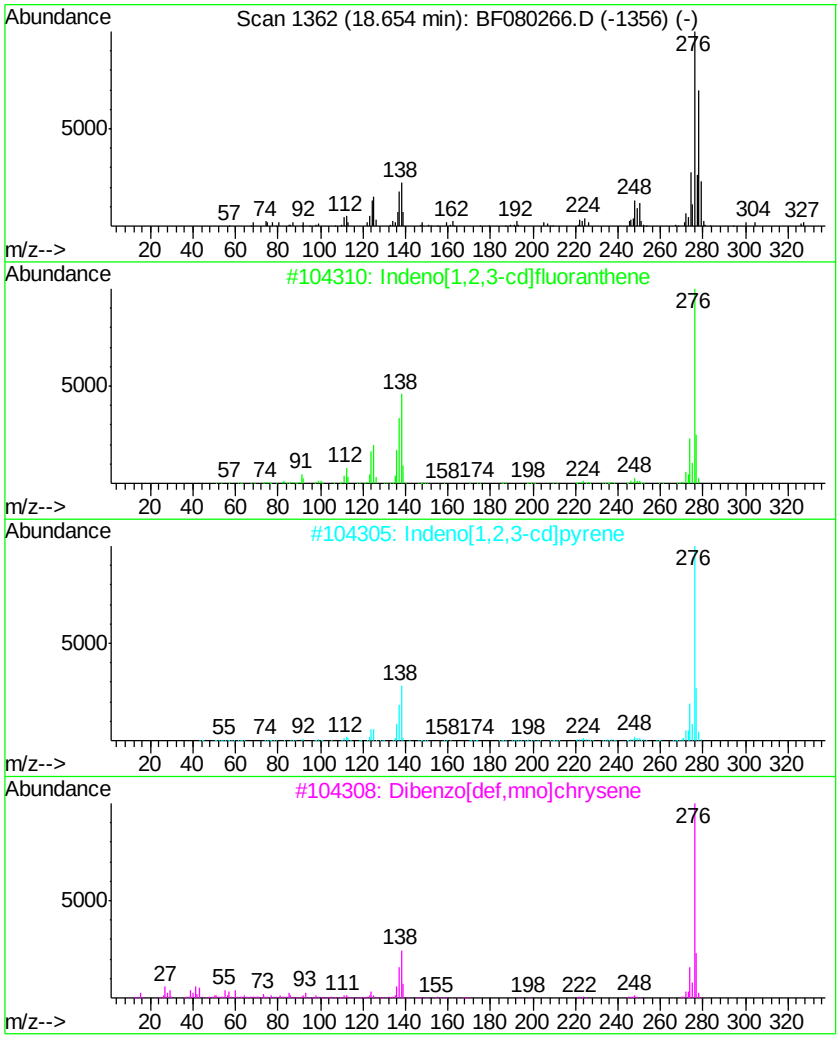
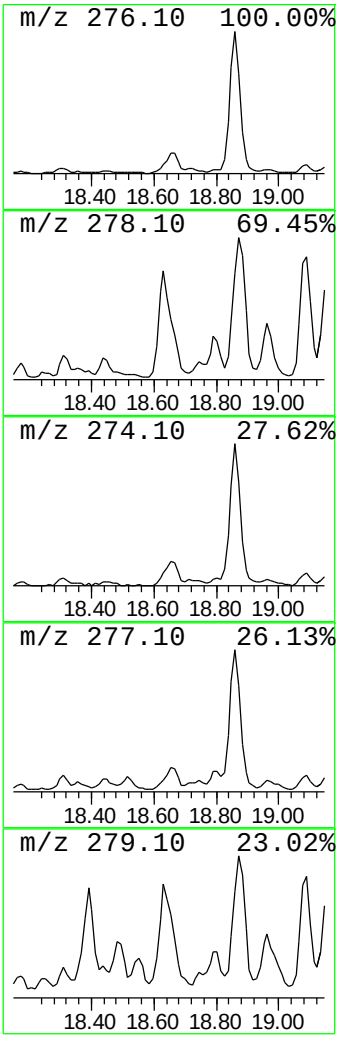
Peak Number 17 Indeno[1,2,3-cd]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	9.35 ng	230443	Perylene-d12	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	90
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	89
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	87
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	55
5	10-Bromo-1,2,3,4-tetrahydro-phen...	276	C14H13BrO	1000190-54-9	53





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Data File : BF080266.D
Acq On : 1 Jul 2015 9:19
Operator : TP/IZ
Sample : G2831-07 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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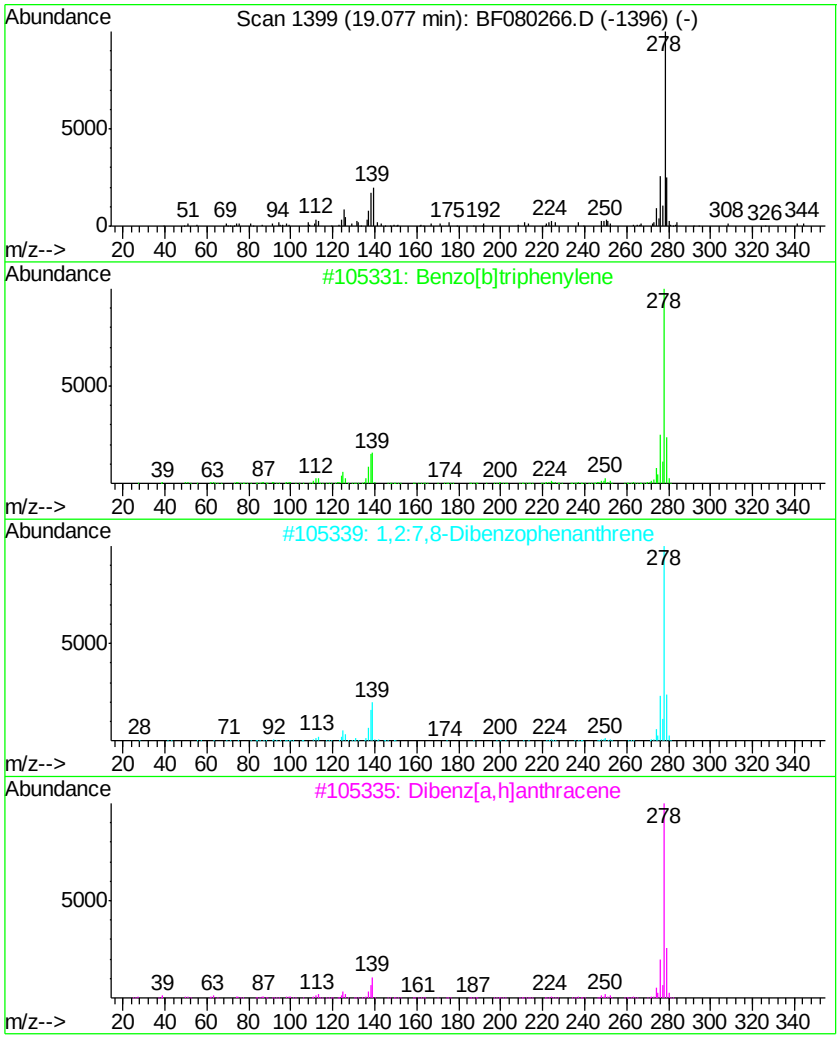
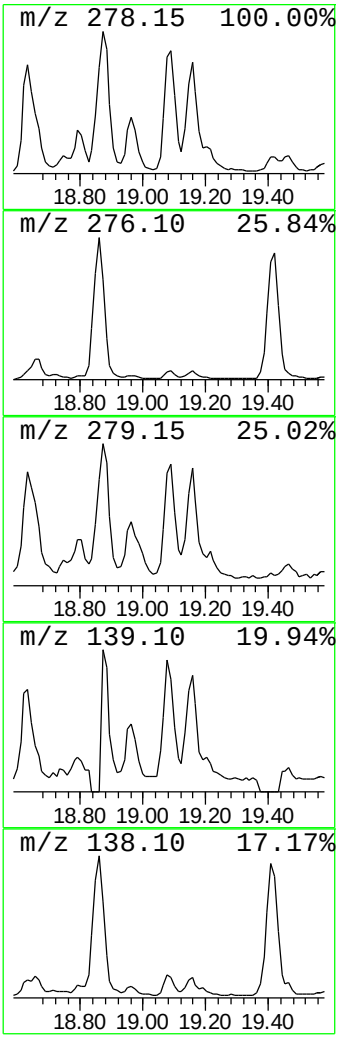
Peak Number 18 Benzo[b]triphenylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	6.20 ng	152784	Perylene-d12	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	96
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
4	Pentaphene	278	C22H14	000222-93-5	95
5	Benzo[b]chrysene	278	C22H14	000214-17-5	94





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080266.D
Acq On : 1 Jul 2015 9:19
Operator : TP/IZ
Sample : G2831-07 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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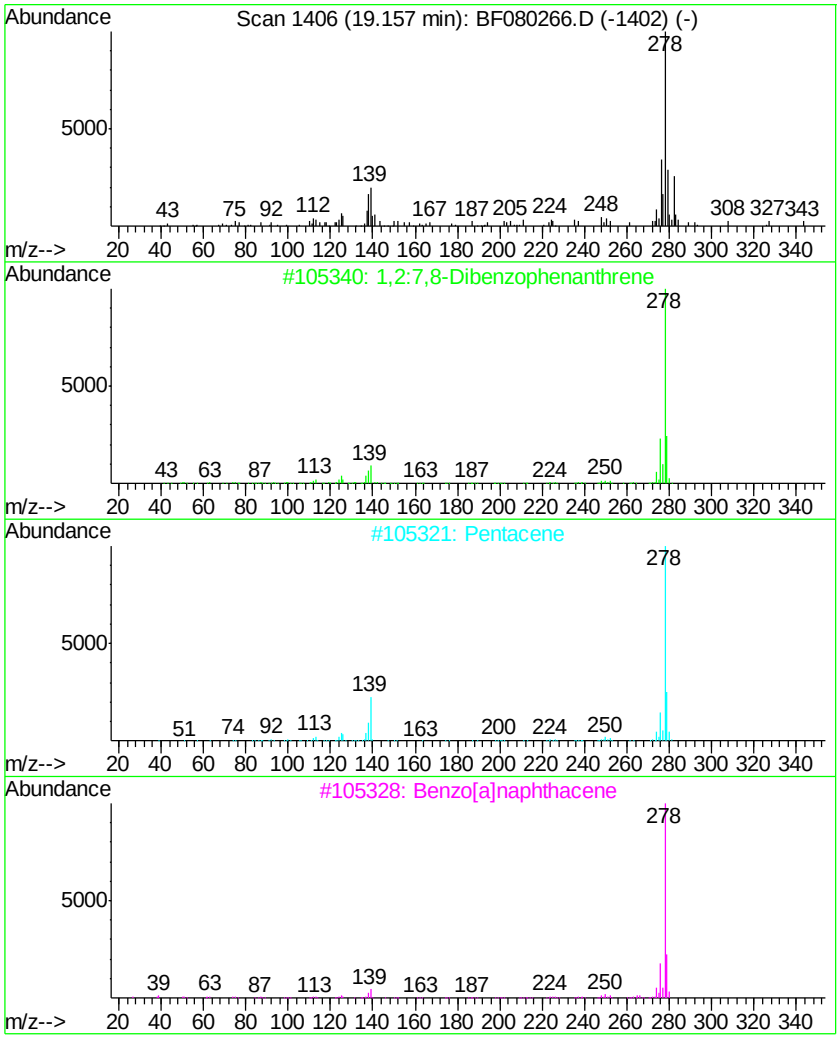
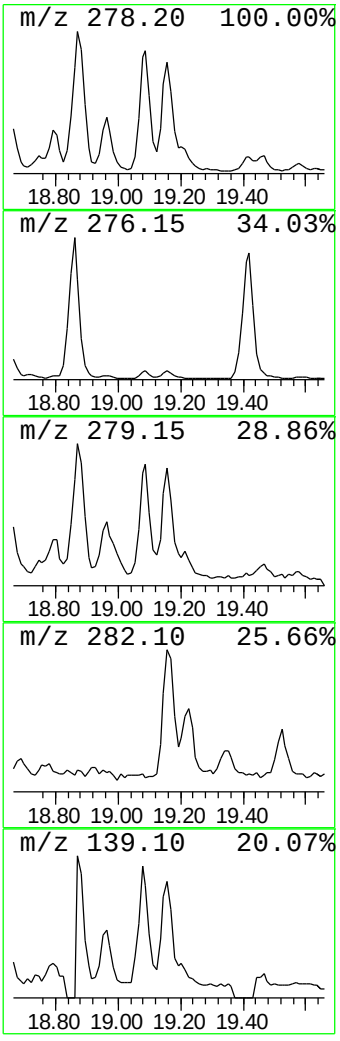
Peak Number 19 1,2:7,8-Dibenzophenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	4.98 ng	122717	Perylene-d12	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	95
2	Pentacene	278	C22H14	000135-48-8	93
3	Benzo[a]naphthacene	278	C22H14	000226-88-0	93
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	86
5	Pentaphene	278	C22H14	000222-93-5	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080266.D
Acq On : 1 Jul 2015 9:19
Operator : TP/IZ
Sample : G2831-07 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.05	7.05	24.2	ng	239217	1	7.28	197507	20.0
1-Isopropenylnaph...	10.96	3.1	ng	48452	3	10.34	308505	20.0
Phenanthrene, 2-m...	12.44	3.1	ng	334989	4	11.86	2128090	20.0
4H-Cyclopenta[def...	12.54	6.3	ng	674021	4	11.86	2128090	20.0
Pyrene, 1-methyl-	13.75	3.5	ng	343105	5	15.02	1988620	20.0
11H-Benzo[b]fluorene	13.88	4.6	ng	458902	5	15.02	1988620	20.0
11H-Benzo[a]fluor...	14.53	3.2	ng	317534	5	15.02	1988620	20.0
Benzo[b]naphtho[2...	14.68	3.4	ng	333584	5	15.02	1988620	20.0
Chrysene, 1-methyl-	15.56	3.3	ng	325350	5	15.02	1988620	20.0
unknown16.25	16.25	8.1	ng	199094	6	17.01	492846	20.0
Dinaphtho[1,2-b:1...	16.73	5.7	ng	140756	6	17.01	492846	20.0
unknown16.79	16.79	3.7	ng	91212	6	17.01	492846	20.0
Benzo[e]pyrene	16.85	33.1	ng	814656	6	17.01	492846	20.0
Indane-1,3-dione,...	17.72	4.5	ng	110765	6	17.01	492846	20.0
Indeno[1,2,3-cd]f...	18.65	9.3	ng	230443	6	17.01	492846	20.0
Benzo[b]triphenylene	19.08	6.2	ng	152784	6	17.01	492846	20.0
1,2:7,8-Dibenzoph...	19.16	5.0	ng	122717	6	17.01	492846	20.0