LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080263.D
Acq On : 1 Jul 2015 7:53
Operator : TP/IZ
Sample : G2831-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(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	5.499	208	211	217	rVB	43497	50352	3.50%	0.289%
2	5.887	244	245	248	rBV	153859	215568	14.99%	1.236%
3	6.893	330	333	335	rBV	184746	227484	15.82%	1.304%
4	7.053	344	347	349	rBV	262845	244093	16.98%	1.399%
5	7.282	365	367	370	rBB	210842	199711	13.89%	1.145%
6	7.442	379	381	384	rBB	239034	193896	13.49%	1.111%
7	7.842	414	416	418	rBV	177366	145943	10.15%	0.837%
8	8.573	478	480	486	rBV	310822	289596	20.14%	1.660%
9	9.648	572	574	577	rBV	300239	276363	19.22%	1.584%
10	10.036	606	608	610	rBV	24093	28132	1.96%	0.161%
11	10.345	633	635	637	rBV	340982	321642	22.37%	1.844%
12	10.379	637	638	640	rVB	95277	72695	5.06%	0.417%
13	10.550	651	653	655	rBB	37184	31171	2.17%	0.179%
14	10.905	682	684	686	rBV	36118	44689	3.11%	0.256%
15	10.985	686	691	693	rVV3	10256	23753	1.65%	0.136%
16	11.053	693	697	700	rVB	7744	16358	1.14%	0.094%
17	11.145	703	705	707	rBV	144763	154077	10.72%	0.883%
18	11.236	712	713	717	rBV3	9286	18713	1.30%	0.107%
19	11.453	729	732	734	rBV	7349	17236	1.20%	0.099%
20	11.659	748	750	752	rVB	35254	29957	2.08%	0.172%
21	11.705	752	754	758	rBV2	13652	30311	2.11%	0.174%
22	11.762	758	759	761	rVB	28420	21296	1.48%	0.122%
23	11.899	766	771	773	rBV	424817	941722	65.51%	5.398%
24	11.945	773	775	777	rVV	165144	155704	10.83%	0.892%
25	12.105	786	789	791	rBV2	80416	80846	5.62%	0.463%
26	12.402	813	815	816	rBV	56301	48377	3.37%	0.277%
27	12.436	816	818	820	rVB	86623	84706	5.89%	0.486%
28	12.482	820	822	824	rBV	31228	42144	2.93%	0.242%
29	12.528	824	826	831	rVB2	127220	192814	13.41%	1.105%
30	12.722	841	843	845	rBV3	48867	67748	4.71%	0.388%
31	12.756	845	846	850	rVB	41320	33830	2.35%	0.194%
32	12.894	855	858	860	rBV2	16581	26044	1.81%	0.149%
33	12.962	862	864	865	rVB2	14154	15481	1.08%	0.089%
34	13.019	865	869	871	rBV	35714	57438	4.00%	0.329%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080263.D
Acq On : 1 Jul 2015 7:53
Operator : TP/IZ
Sample : G2831-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(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

35	13.065	871	873	876	rVB2	20222	39012	2.71%	0.224%
36	13.111	876	877	881	rBV	41836	64450	4.48%	0.369%
37	13.214	883	886	888	rBV	1031034	1289686	89.71%	7.392%
38	13.282	888	892	894	rVB2	21475	40089	2.79%	0.230%
39	13.351	896	898	899	rBV	13438	21262	1.48%	0.122%
40	13.385	899	901	905	rVB2	43703	64170	4.46%	0.368%
41	13.476	905	909	912	rBV	1079433	1425536	99.16%	8.171%
42	13.534	912	914	917	rVB2	42050	52986	3.69%	0.304%
43	13.636	919	923	924	rBV2	391954	429264	29.86%	2.461%
44	13.659	924	925	928	rVB	66814	79042	5.50%	0.453%
45	13.739	928	932	936	rBV3	57230	159417	11.09%	0.914%
46	13.865	936	943	945	rBV	104949	225363	15.68%	1.292%
47	13.911	945	947	948	rBV	19038	19422	1.35%	0.111%
48	13.957	948	951	952	rVV	86293	96272	6.70%	0.552%
49	14.002	952	955	956	rVV2	84107	110427	7.68%	0.633%
50	14.025	956	957	959	rVV	44435	63634	4.43%	0.365%
51	14.071	959	961	963	rVB	21107	21921	1.52%	0.126%
52	14.117	963	965	967	rBV	37029	37566	2.61%	0.215%
53	14.162	967	969	971	rBV2	36028	57835	4.02%	0.332%
54	14.357	983	986	987	rBV3	19644	42658	2.97%	0.245%
55	14.414	989	991	992	rVV	30246	43220	3.01%	0.248%
56	14.482	995	997	998	rVV	21095	36091	2.51%	0.207%
57	14.517	998	1000	1003	rVV	75659	127065	8.84%	0.728%
58	14.574	1003	1005	1006	rVV2	15675	22314	1.55%	0.128%
59	14.665	1009	1013	1014	rVV2	96437	167738	11.67%	0.961%
60	14.699	1014	1016	1017	rVV	103978	117400	8.17%	0.673%
61	14.734	1017	1019	1022	rVV2	83098	183641	12.77%	1.053%
62	14.779	1022	1023	1028	rVV	82806	149230	10.38%	0.855%
63	14.882	1028	1032	1035	rVV	28664	63994	4.45%	0.367%
64	14.951	1036	1038	1039	rVV	45403	71060	4.94%	0.407%
65	14.985	1039	1041	1044	rVV2	731432	1437622	100.00%	8.240%
66	15.031	1044	1045	1049	rVV	549027	576757	40.12%	3.306%
67	15.145	1052	1055	1058	rVV	115838	171737	11.95%	0.984%
68	15.248	1062	1064	1066	rVV	53375	90549	6.30%	0.519%
69	15.294	1066	1068	1072	rVV2	64425	132416	9.21%	0.759%
70	15.351	1072	1073	1075	rVV	26223	36641	2.55%	0.210%
71	15.442	1079	1081	1083	rVV2	29570	47181	3.28%	0.270%

LSC Area Percent Report

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Data File : BF080263.D
Acq On : 1 Jul 2015 7:53
Operator : TP/IZ
Sample : G2831-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(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	15.488	1083	1085	1086	rVV	36817	52903	3.68%	0.303%
73	15.534	1086	1089	1091	rVV	95101	153918	10.71%	0.882%
74	15.580	1091	1093	1096	rVV2	49928	86392	6.01%	0.495%
75	15.671	1096	1101	1103	rVV3	54000	122328	8.51%	0.701%
76	15.717	1103	1105	1106	rVV	60205	89583	6.23%	0.513%
77	15.740	1106	1107	1110	rVV3	57973	91908	6.39%	0.527%
78	15.820	1110	1114	1119	rVB5	38665	106887	7.43%	0.613%
79	15.968	1125	1127	1130	rBV2	36564	72183	5.02%	0.414%
80	16.128	1139	1141	1145	rVB4	19293	33411	2.32%	0.192%
81	16.220	1145	1149	1152	rBV2	41010	117777	8.19%	0.675%
82	16.437	1164	1168	1175	rBV	463239	1211813	84.29%	6.946%
83	16.574	1178	1180	1182	rVB	74644	109010	7.58%	0.625%
84	16.677	1187	1189	1190	rBV2	20266	29349	2.04%	0.168%
85	16.757	1194	1196	1198	rVV2	30829	53239	3.70%	0.305%
86	16.814	1198	1201	1205	rVB	286133	441863	30.74%	2.533%
87	16.894	1205	1208	1212	rBV	408125	574680	39.97%	3.294%
88	16.974	1212	1215	1217	rVV	316153	468915	32.62%	2.688%
89	17.008	1217	1218	1224	rVB	115751	180402	12.55%	1.034%
90	18.277	1326	1329	1331	rBV3	22113	49119	3.42%	0.282%
91	18.620	1353	1359	1362	rBV3	31758	117034	8.14%	0.671%
92	18.814	1373	1376	1382	rVB2	164323	410739	28.57%	2.354%
93	19.043	1393	1396	1399	rBV	36170	77758	5.41%	0.446%
94	19.123	1400	1403	1405	rBV	22776	49842	3.47%	0.286%
95	19.374	1421	1425	1437	rVB	141277	380889	26.49%	2.183%
96	19.671	1447	1451	1462	rVB2	36244	129613	9.02%	0.743%
97	20.220	1497	1499	1504	rBV6	7403	20009	1.39%	0.115%

Sum of corrected areas: 17446122

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
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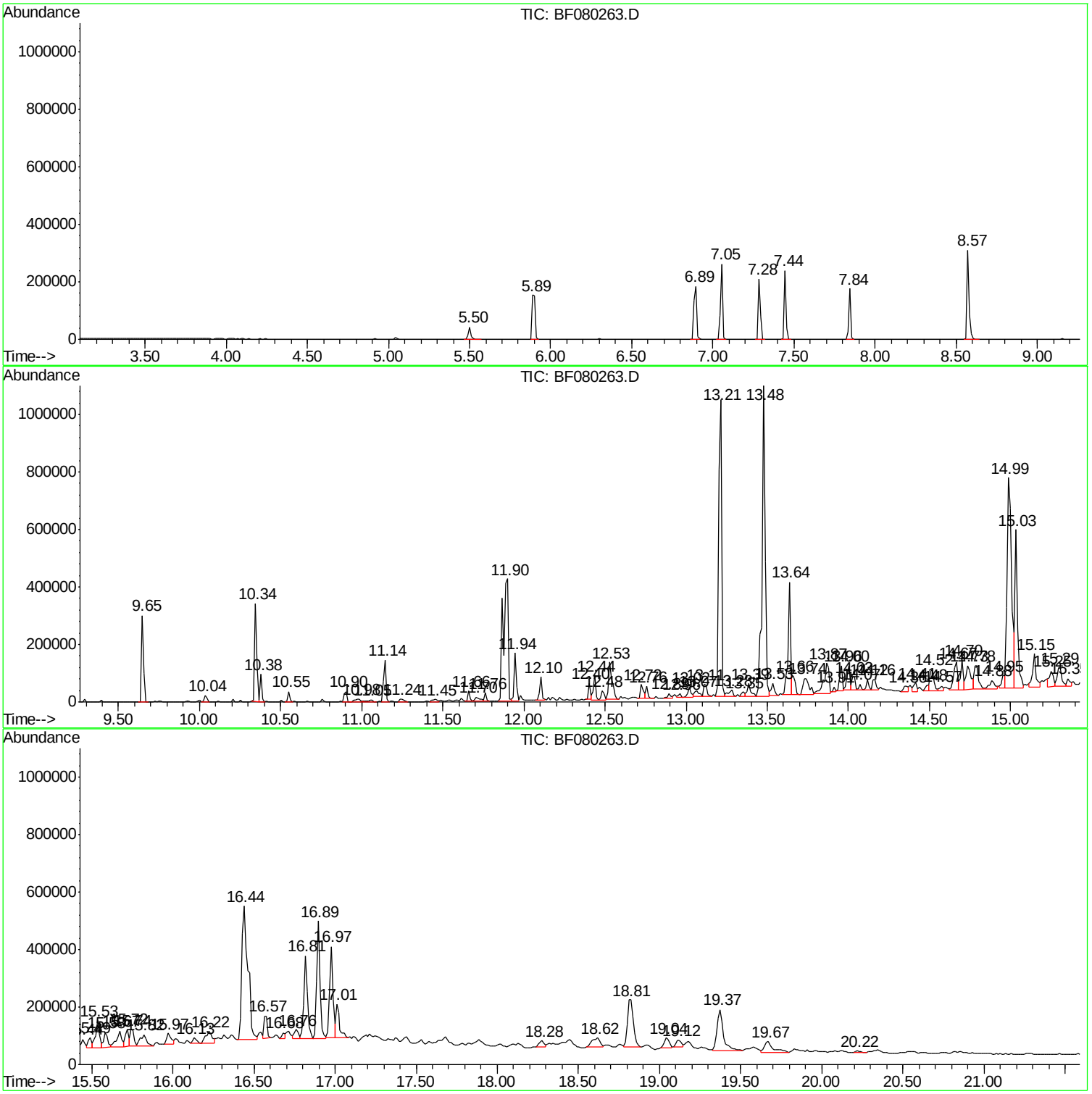
Sample : G2831-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1(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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
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Acq On : 1 Jul 2015 7:53
Operator : TP/IZ
Sample : G2831-01 5X
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Instrument : BNA_F
ClientSampleId : SP-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
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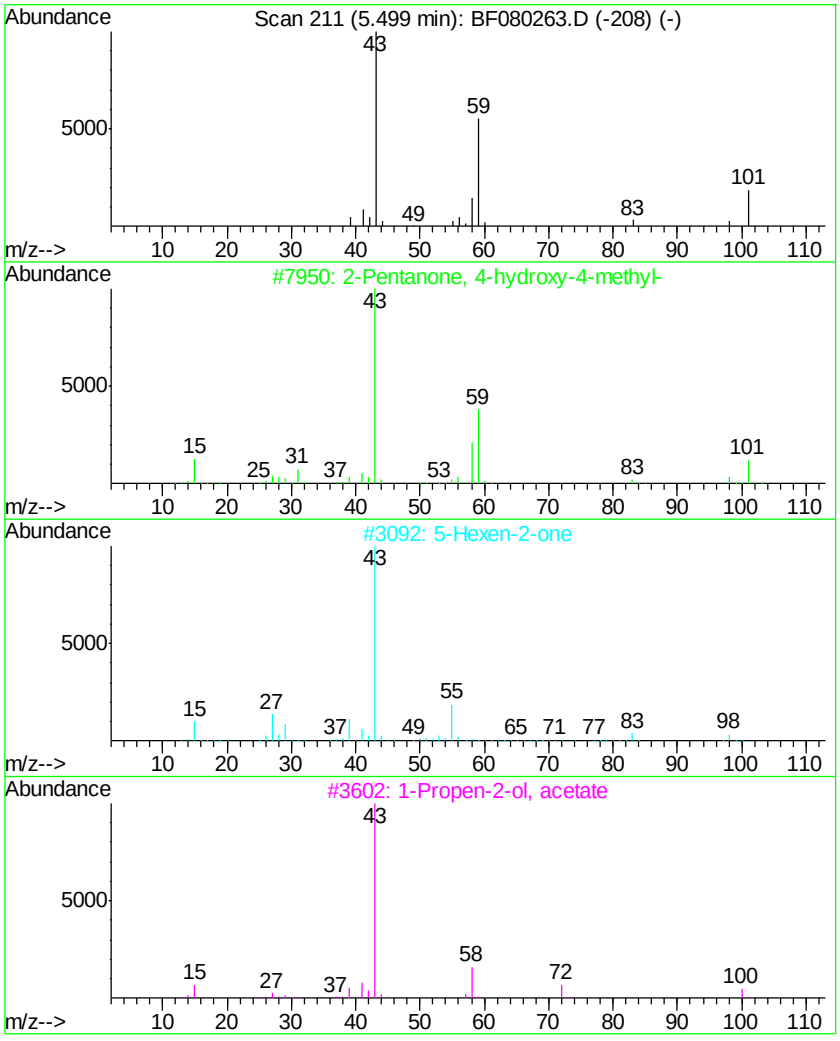
TIC Integration Parameters: LSCINT.P

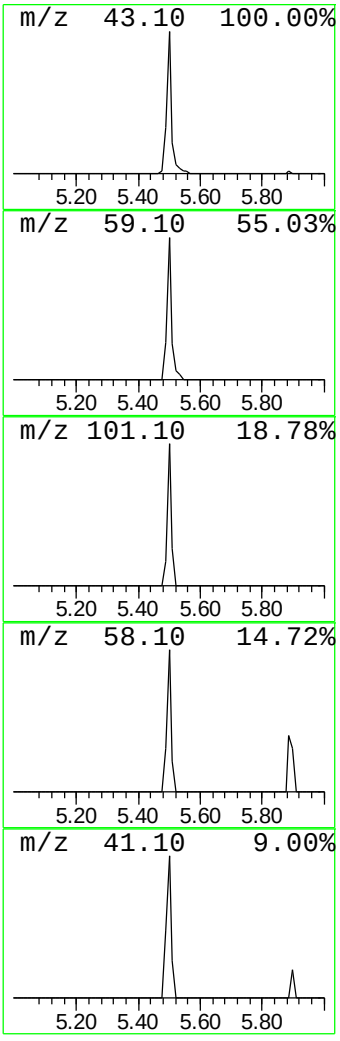
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	5.04 ng	50352	1,4-Dichlorobenzene-d4	7.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080263.D
Acq On : 1 Jul 2015 7:53
Operator : TP/IZ
Sample : G2831-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)

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

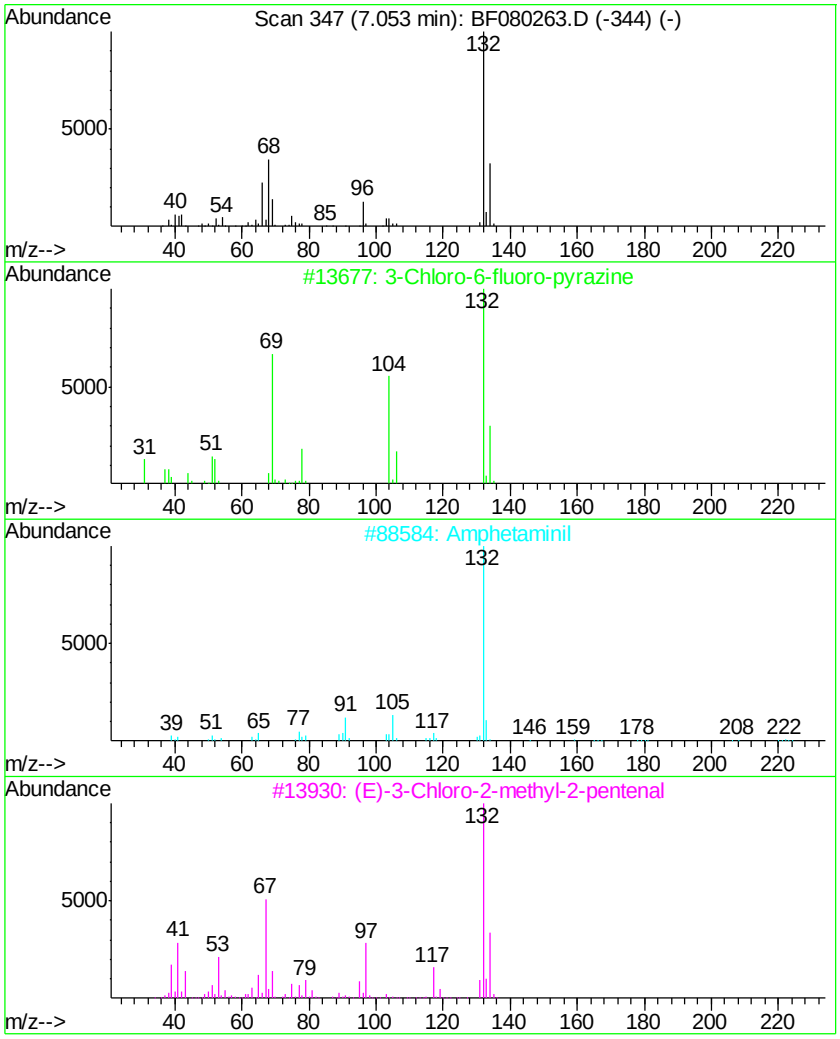
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

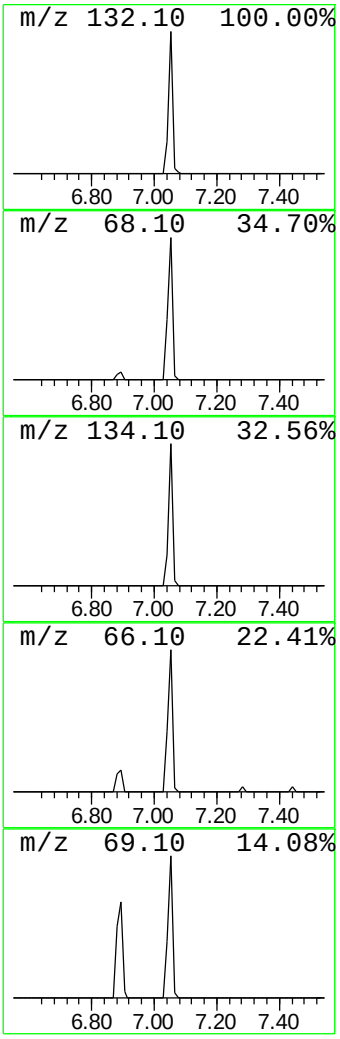
****

Peak Number 2 unknown7.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	24.44 ng	244093	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	35
2	Amphetaminil	250	C17H18N2	017590-01-1	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Instrument : BNA_F
ClientSampleId : SP-1(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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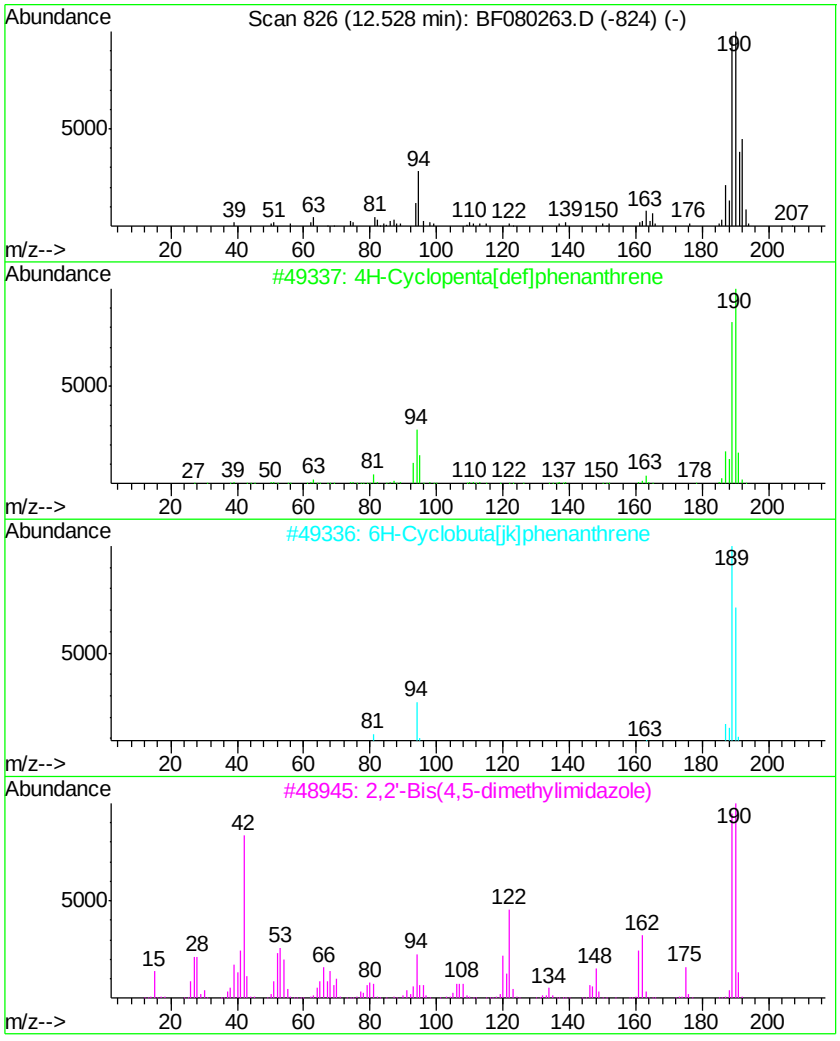
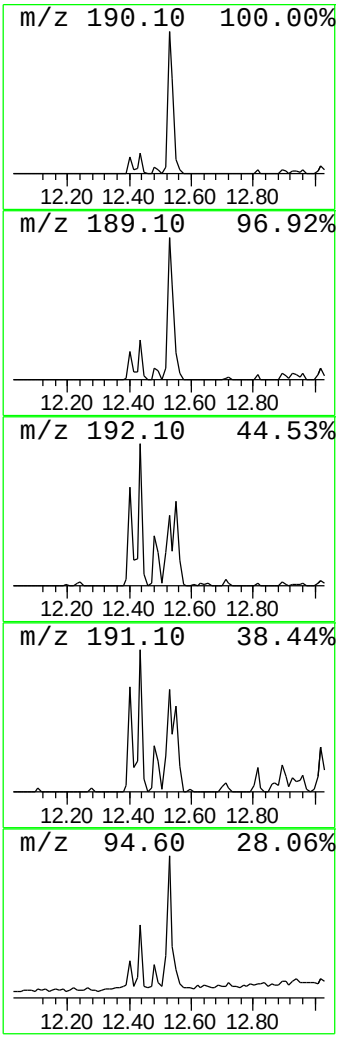
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	4.09 ng	192814	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	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	23
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080263.D
Acq On : 1 Jul 2015 7:53
Operator : TP/IZ
Sample : G2831-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(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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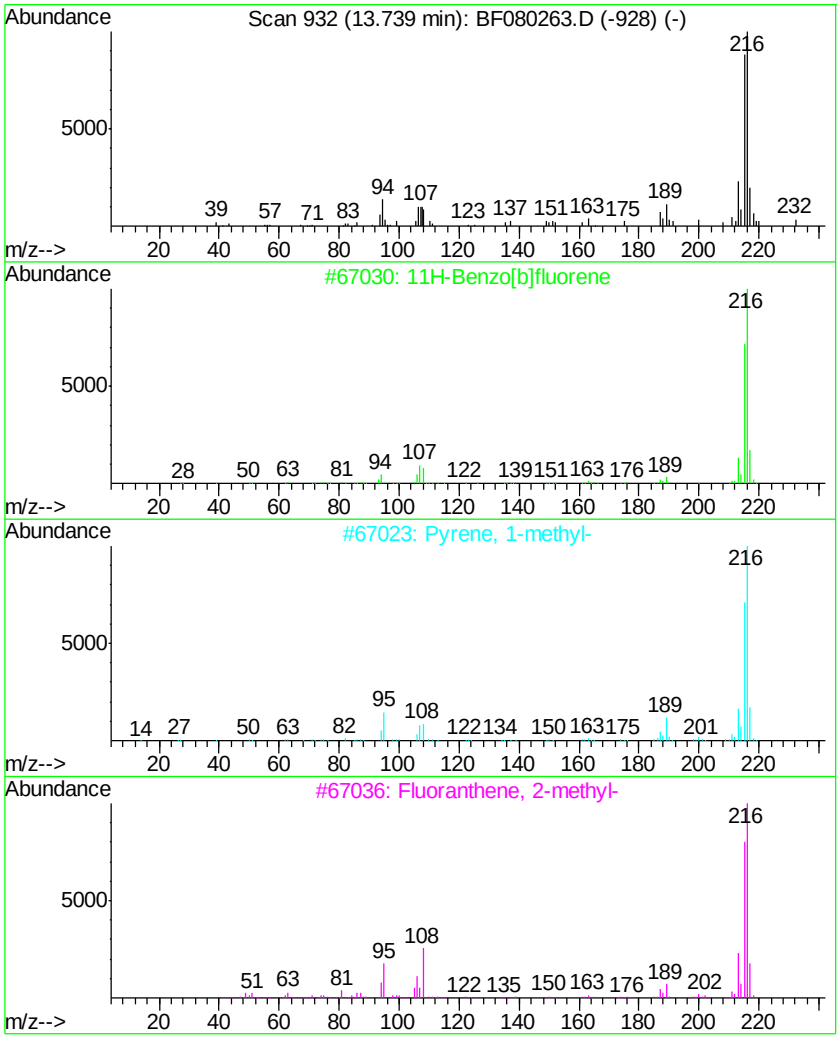
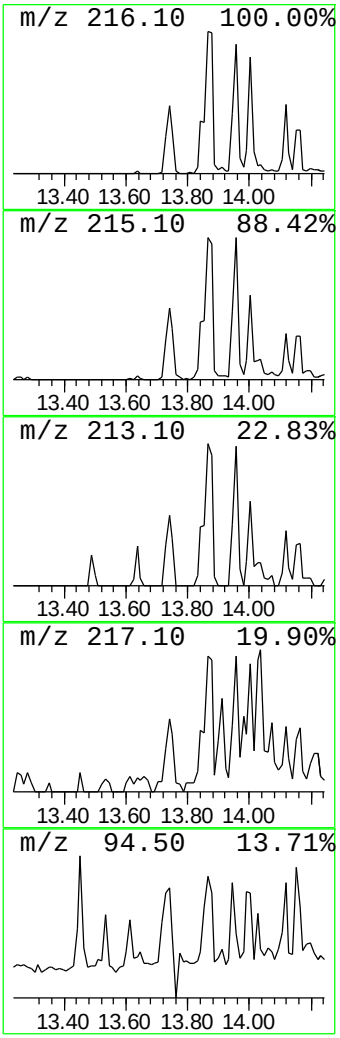
Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.22 ng	159417	Chrysene-d12	15.00

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	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080263.D
Acq On : 1 Jul 2015 7:53
Operator : TP/IZ
Sample : G2831-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(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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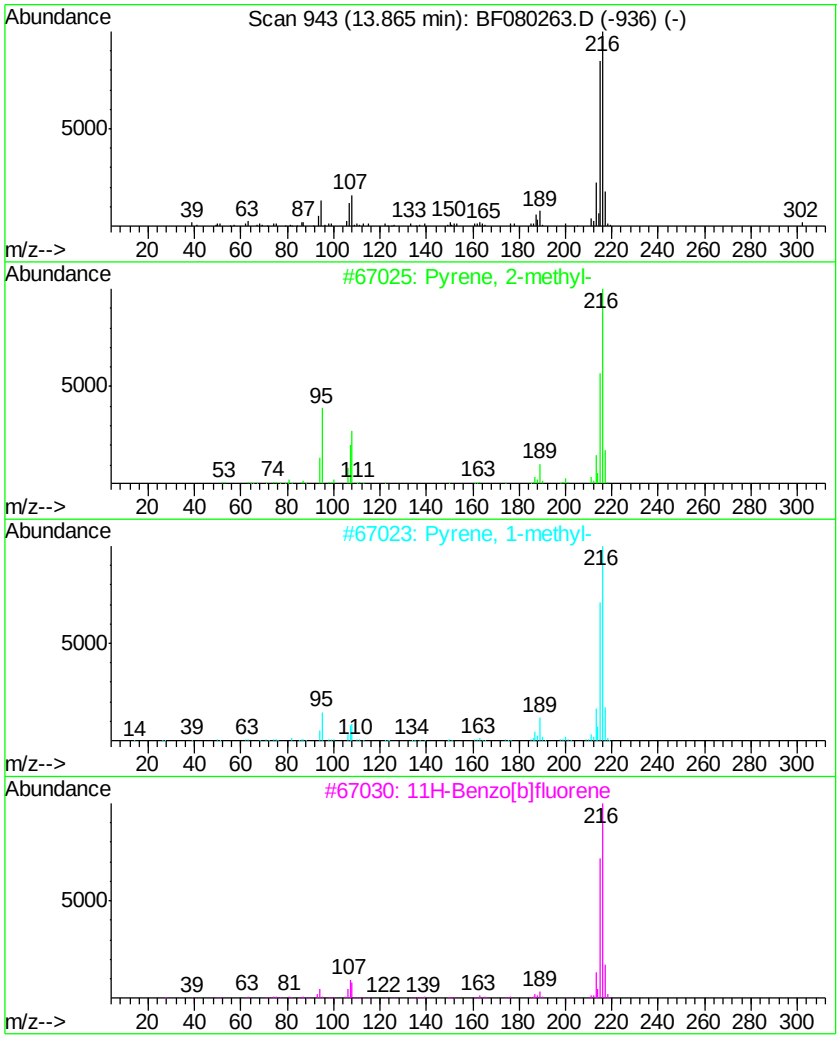
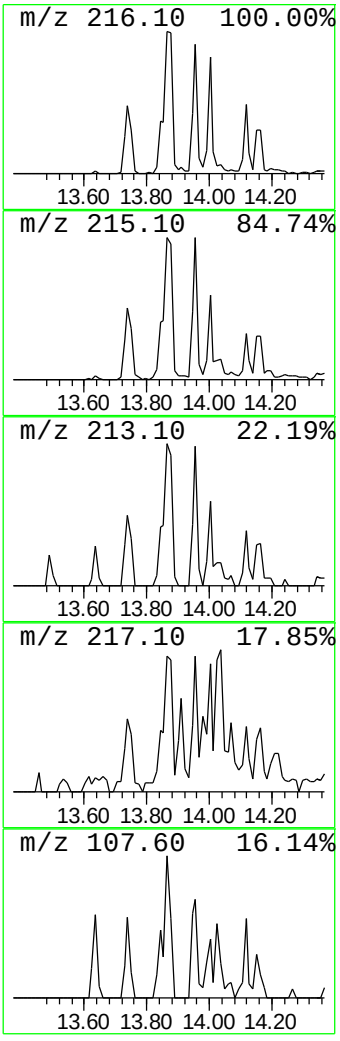
Peak Number 6 Pyrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.14 ng	225363	Chrysene-d12	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080263.D
Acq On : 1 Jul 2015 7:53
Operator : TP/IZ
Sample : G2831-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(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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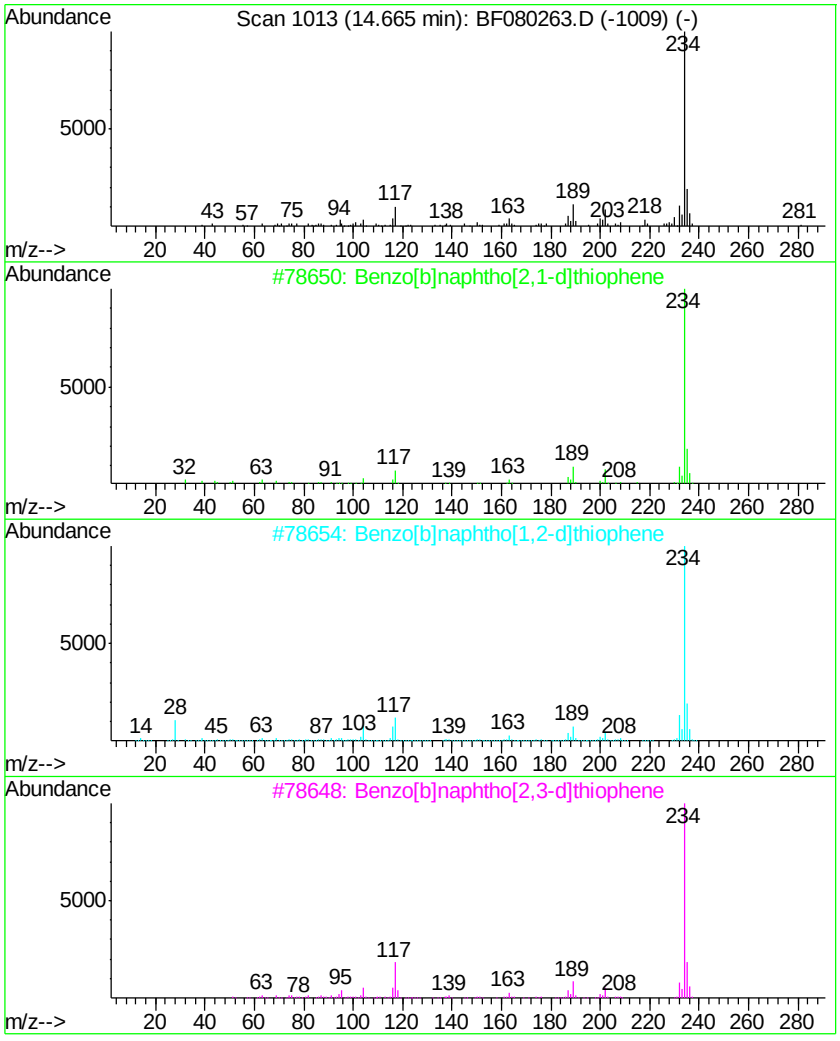
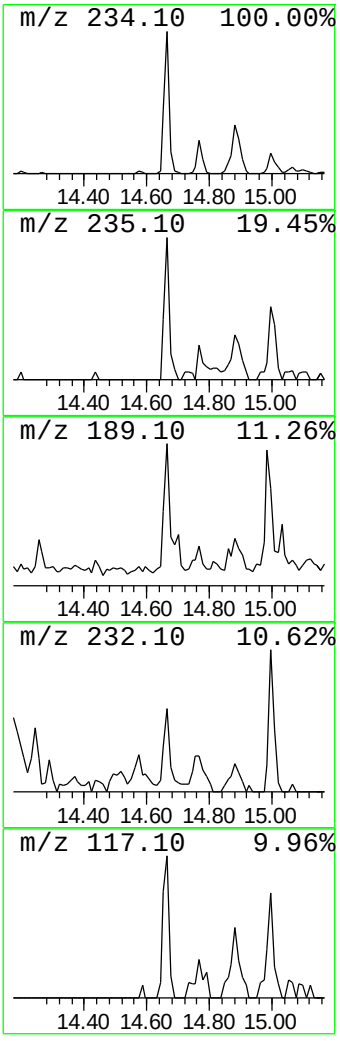
Peak Number 7 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.33 ng	167738	Chrysene-d12	15.00

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[1,2-d]thiophene	234	C16H10S	000205-43-6	94
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	64
5	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	58





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Data File : BF080263.D
Acq On : 1 Jul 2015 7:53
Operator : TP/IZ
Sample : G2831-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(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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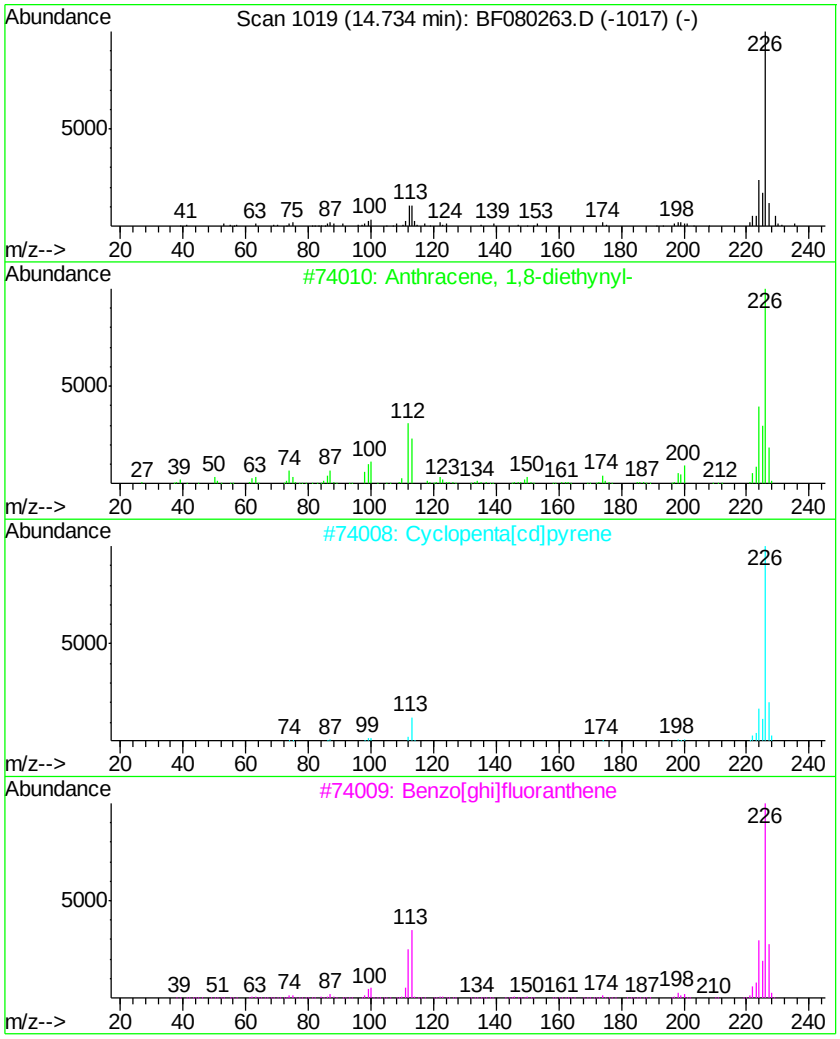
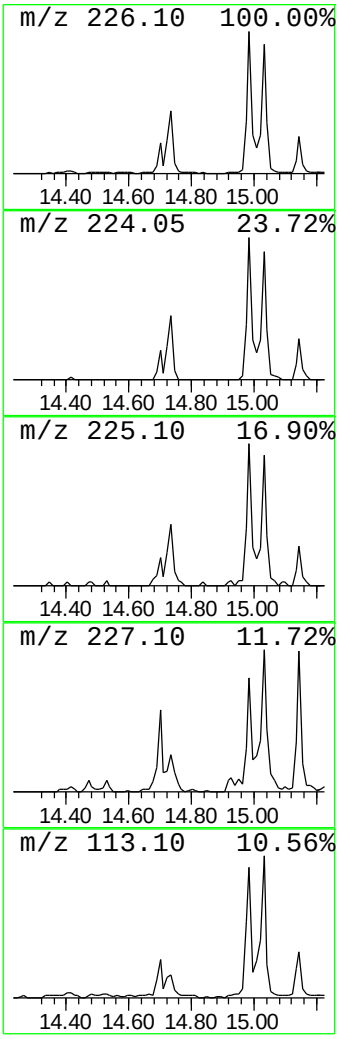
Peak Number 8 Anthracene, 1,8-diethynyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.55 ng	183641	Chrysene-d12	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	52
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	47
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	47
4	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	42
5	2-Thiazolamine, 4-(1-naphthalenyl)-	226	C13H10N2S	056503-96-9	40





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Sample : G2831-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)

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

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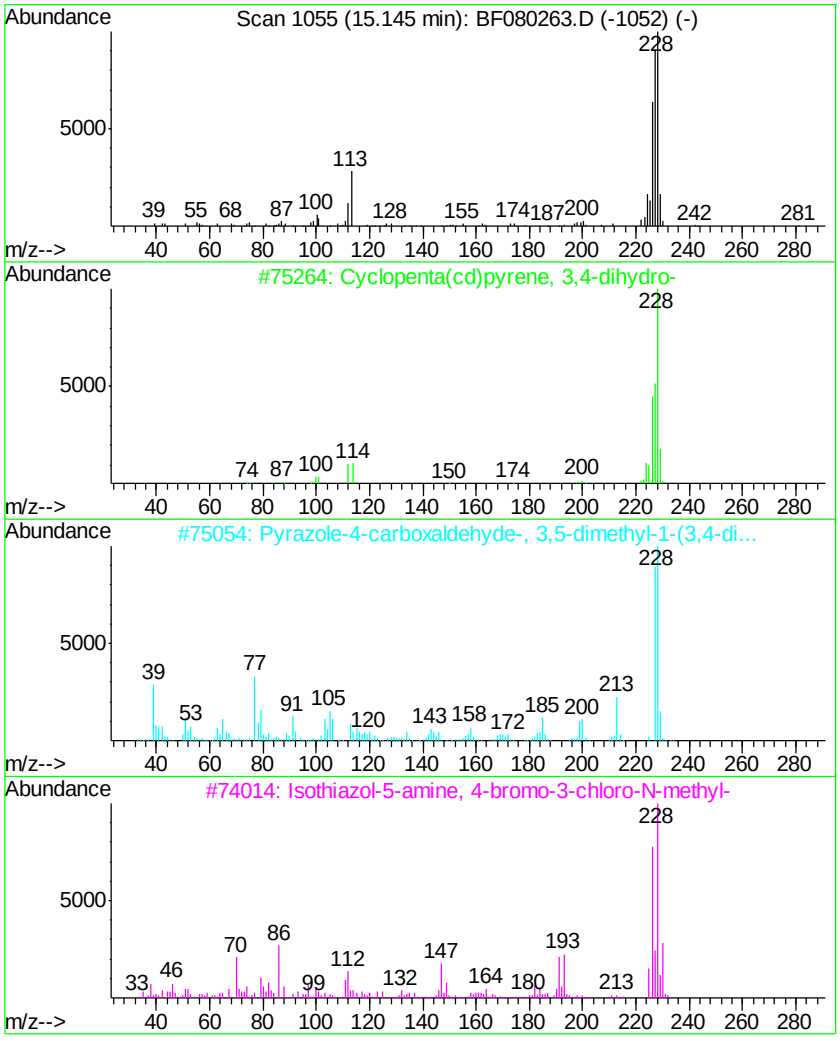
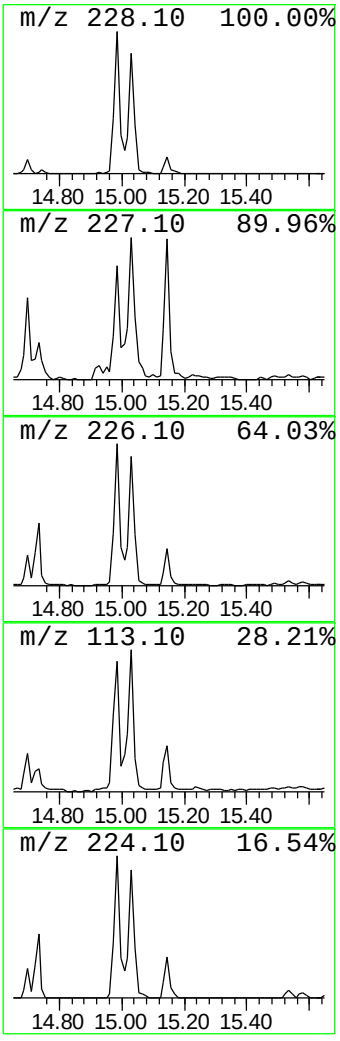
Peak Number 10 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	2.39 ng	171737	Chrysene-d12	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
3	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47
5	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	47





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ALS Vial : 31 Sample Multiplier: 1

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ClientSampleId : SP-1(0-2)

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TIC Integration Parameters: LSCINT.P

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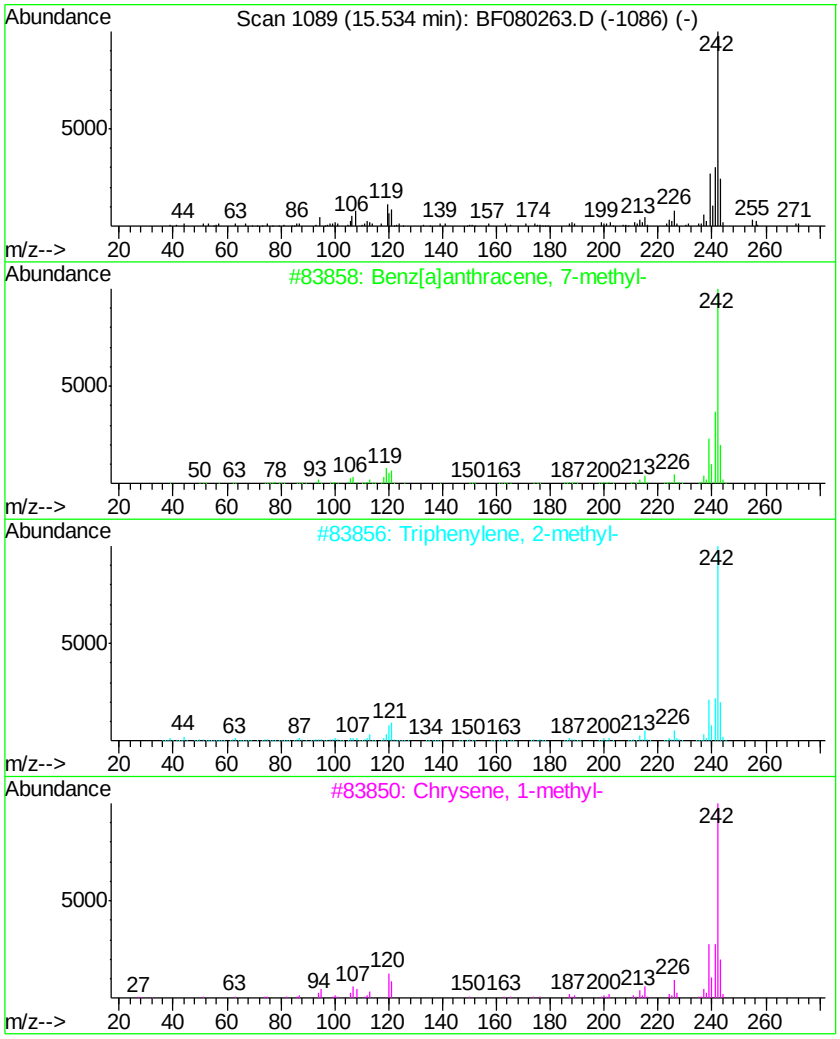
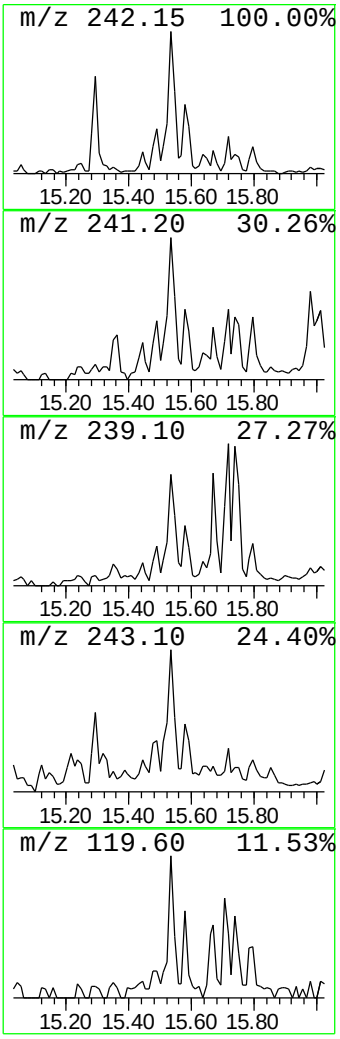
Peak Number 11 Benz[a]anthracene, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	2.14 ng	153918	Chrysene-d12	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89





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Operator : TP/IZ
Sample : G2831-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
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TIC Library : C:\DATABASE\NIST02.L
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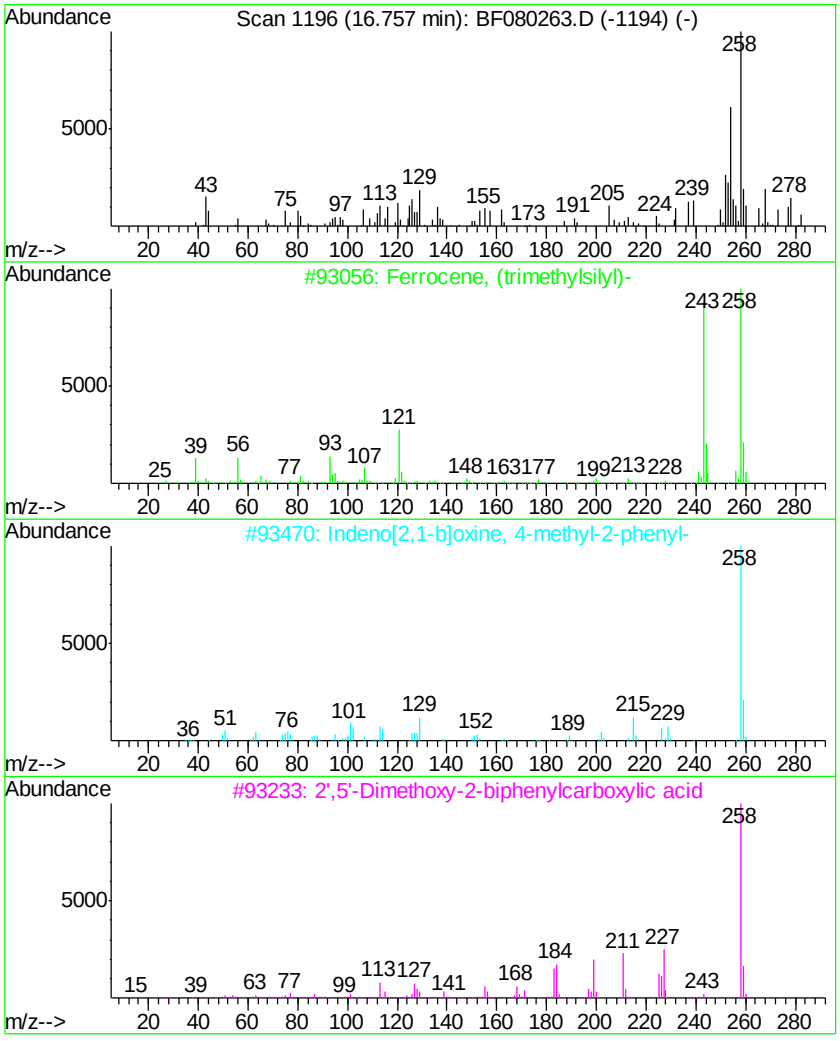
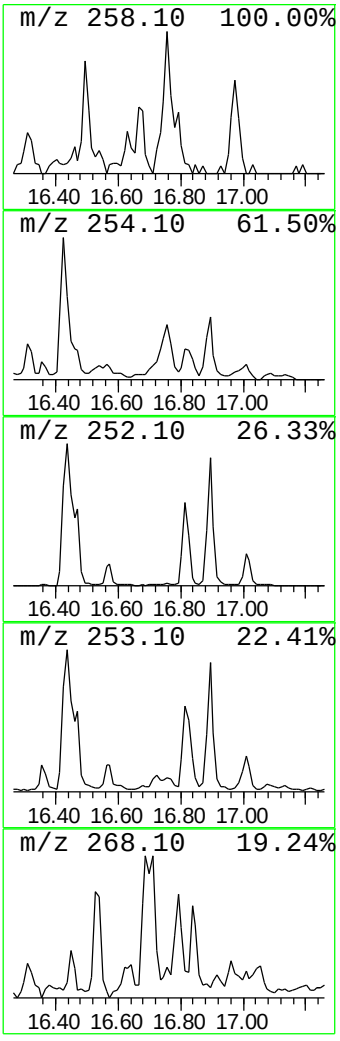
Peak Number 14 unknown16.76 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.27 ng	53239	Perylene-d12	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ferrocene, (trimethylsilyl)-	258	C13H18FeSi	012215-68-8	30
2	Indeno[2,1-b]oxine, 4-methyl-2-p...	258	C19H14O	062096-45-1	22
3	2',5'-Dimethoxy-2-biphenylcarbox...	258	C15H14O4	003525-23-3	22
4	2,3,3,5,5,6-Hexamethyl-2,3,5,6-t...	273	C15H19N3O2	1000286-44-9	22
5	Benzenamine, 4-(9H-carbazol-9-yl)-	258	C18H14N2	052708-37-9	22





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Operator : TP/IZ
Sample : G2831-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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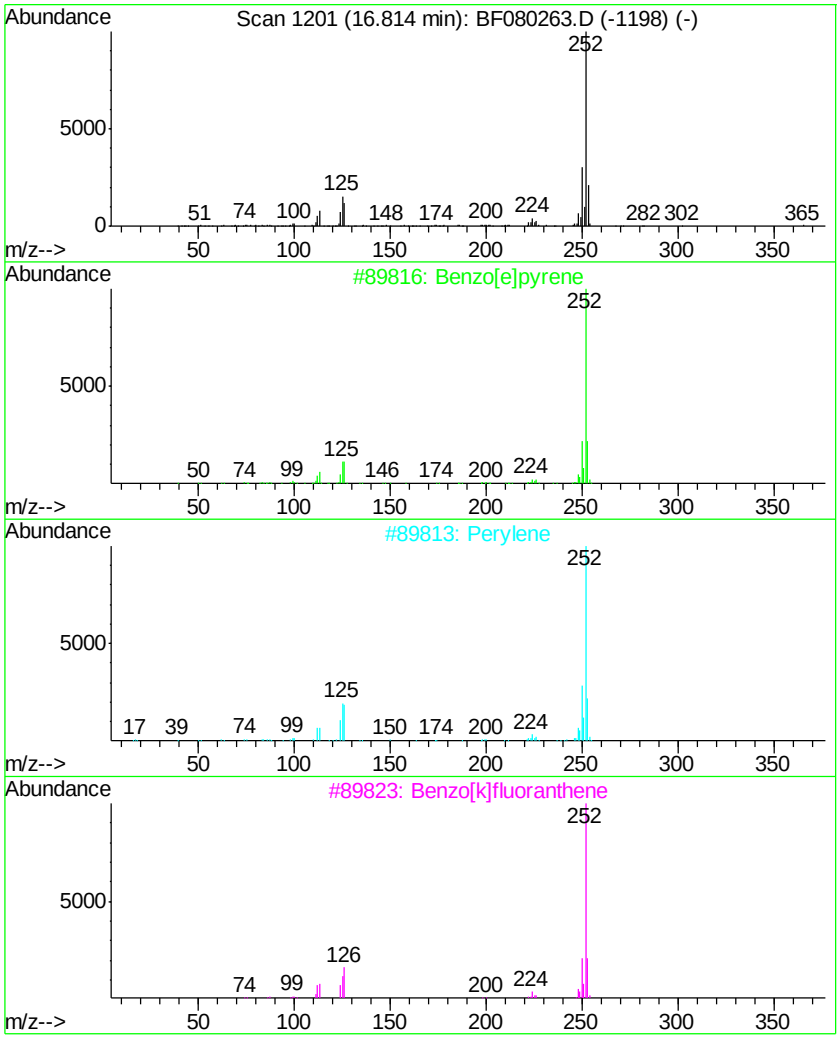
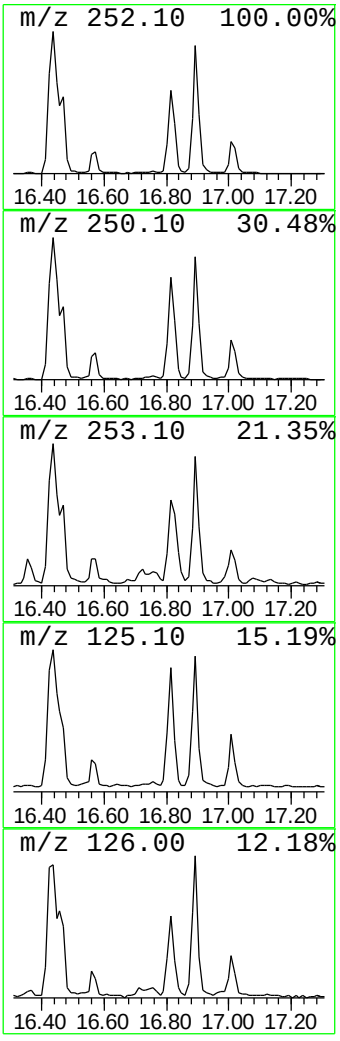
Peak Number 15 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	18.85 ng	441863	Perylene-d12	16.97

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	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Sample : G2831-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(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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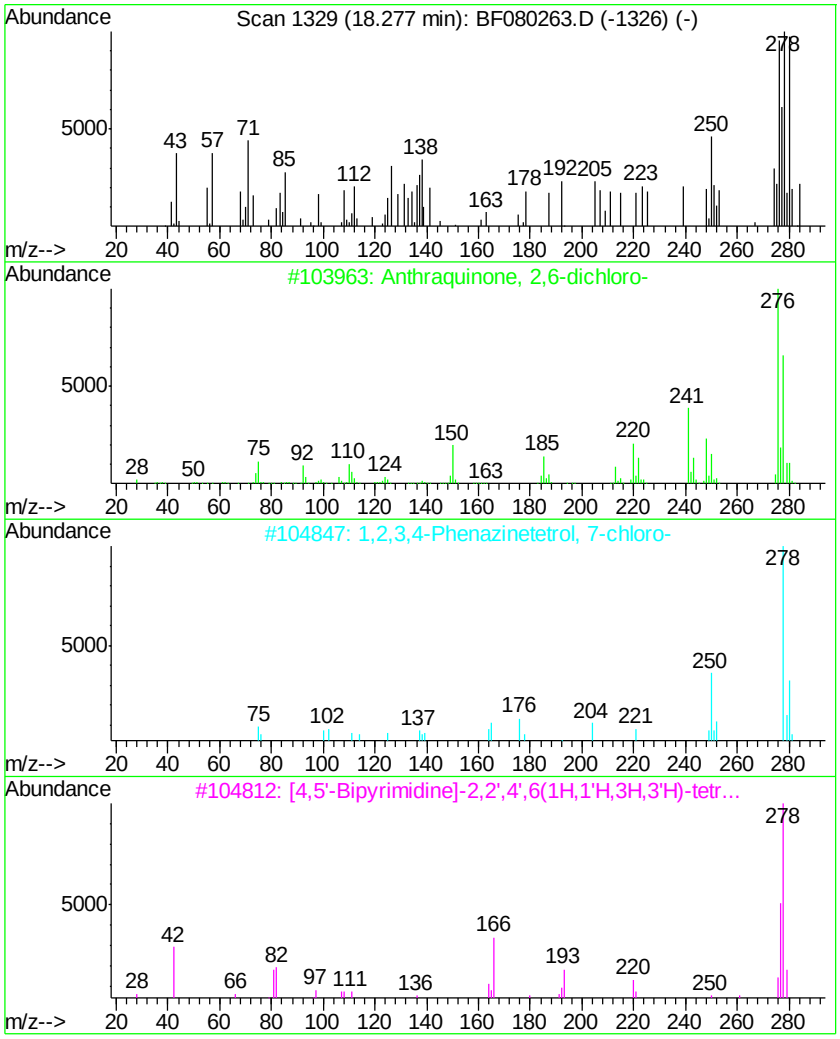
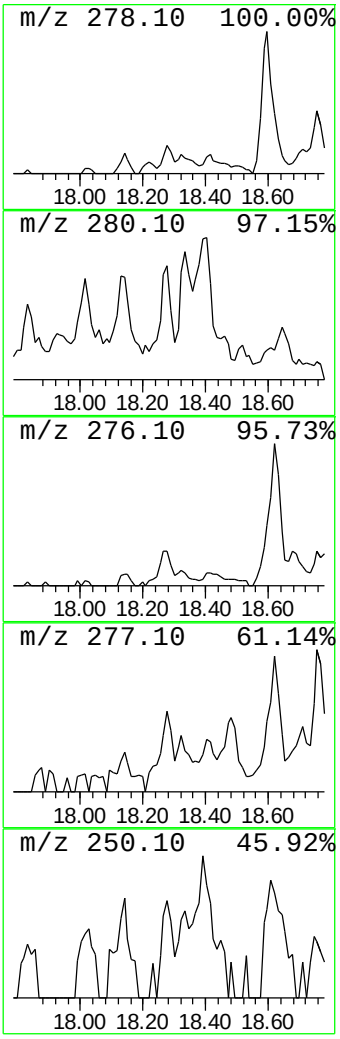
Peak Number 16 unknown18.28 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.10 ng	49119	Perylene-d12	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthraquinone, 2,6-dichloro-	276	C14H6Cl2O2	000605-40-3	27
2	1,2,3,4-Phenazinetetrol, 7-chloro-	278	C12H7ClN2O4	023774-10-9	25
3	[4,5'-Bipyrimidine]-2,2',4',6(1H...	278	C12H14N4O4	062880-87-9	14
4	1-(Phenylethynyl)-4-(trans-styry...	280	C22H16	173035-17-1	11
5	1-(Phenylethynyl)-4-(styryl)benzene	280	C22H16	021850-30-6	11





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Sample : G2831-01 5X
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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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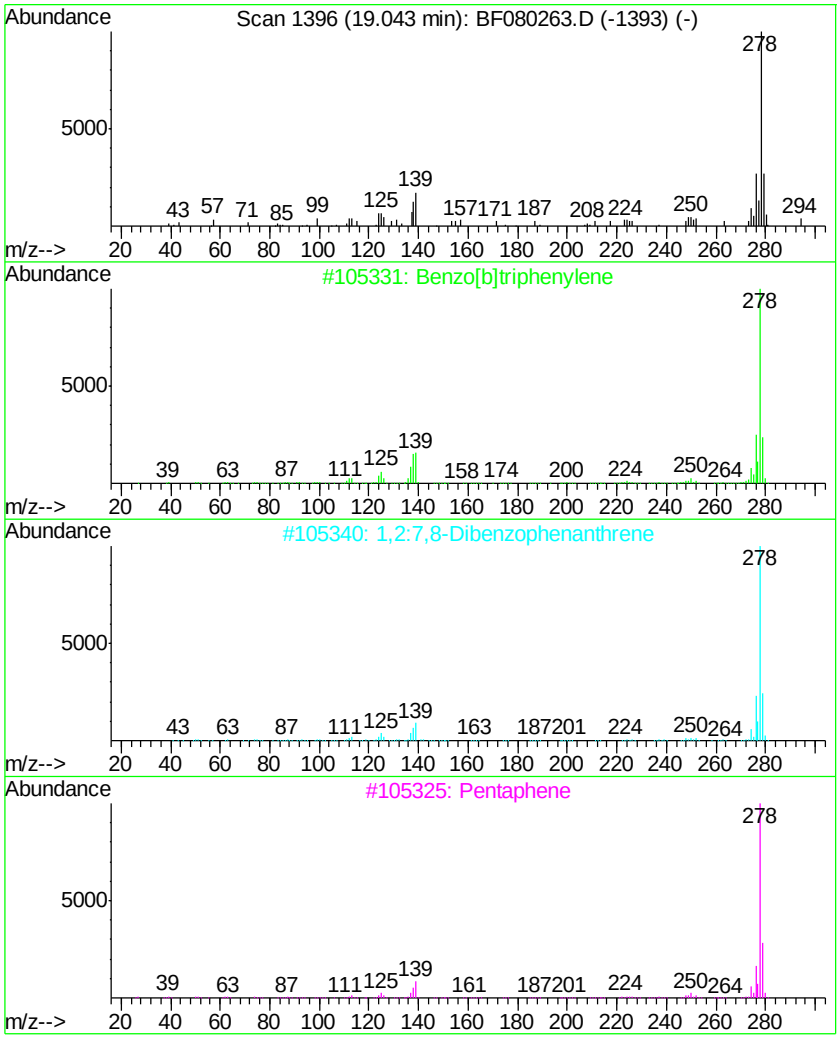
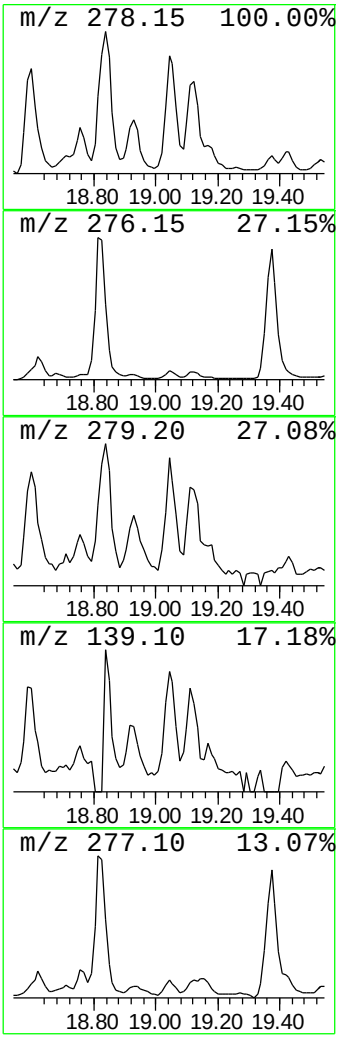
Peak Number 18 Benzo[b]triphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	3.32 ng	77758	Perylene-d12	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	89
3	Pentaphene	278	C22H14	000222-93-5	89
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	81
5	Pentacene	278	C22H14	000135-48-8	76





Tentatively Identified Compound (LSC) summary

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Operator : TP/IZ
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Misc :
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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
2-Pentanone, 4-hy...	5.50	5.0	ng	50352	1	7.28	199711	20.0
unknown7.05	7.05	24.4	ng	244093	1	7.28	199711	20.0
4H-Cyclopenta[def...	12.53	4.1	ng	192814	4	11.86	941722	20.0
11H-Benzo[b]fluorene	13.74	2.2	ng	159417	5	15.00	1437620	20.0
Pyrene, 2-methyl-	13.87	3.1	ng	225363	5	15.00	1437620	20.0
Benzo[b]naphtho[2...	14.67	2.3	ng	167738	5	15.00	1437620	20.0
Anthracene, 1,8-d...	14.73	2.5	ng	183641	5	15.00	1437620	20.0
Cyclopenta(cd)pyr...	15.15	2.4	ng	171737	5	15.00	1437620	20.0
Benz[a]anthracene...	15.53	2.1	ng	153918	5	15.00	1437620	20.0
unknown16.76	16.76	2.3	ng	53239	6	16.97	468915	20.0
Benzo[e]pyrene	16.81	18.9	ng	441863	6	16.97	468915	20.0
unknown18.28	18.28	2.1	ng	49119	6	16.97	468915	20.0
Benzo[b]triphenylene	19.04	3.3	ng	77758	6	16.97	468915	20.0