LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080463.D
Acq On : 14 Jul 2015 12:24
Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

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-BF071015.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	2.155	4	6	15	rBV	227494	344523	18.78%	1.311%
2	2.281	15	17	28	rVB	142803	207922	11.33%	0.791%
3	5.344	282	285	296	rBV	323175	362197	19.74%	1.378%
4	5.767	320	322	332	rBV	653803	605436	33.00%	2.304%
5	6.773	408	410	413	rBV	551766	637869	34.77%	2.427%
6	6.910	420	422	424	rBV	880315	720496	39.27%	2.741%
7	7.059	432	435	440	rBV	42614	50117	2.73%	0.191%
8	7.127	440	441	444	rVB	126788	140970	7.68%	0.536%
9	7.287	453	455	458	rVB	442687	452063	24.64%	1.720%
10	7.699	489	491	493	rBV	541139	443595	24.18%	1.688%
11	8.419	552	554	555	rBV	260631	212656	11.59%	0.809%
12	9.493	646	648	650	rVB	878430	690700	37.65%	2.628%
13	9.882	679	682	685	rVB2	88852	154021	8.39%	0.586%
14	10.042	693	696	698	rVV	76622	67420	3.67%	0.257%
15	10.179	706	708	710	rVV	327319	275951	15.04%	1.050%
16	10.213	710	711	713	rVB	80130	56802	3.10%	0.216%
17	10.385	723	726	727	rBV2	62457	73476	4.00%	0.280%
18	10.579	739	743	744	rBV	70922	66656	3.63%	0.254%
19	10.728	752	756	759	rBV2	121543	129196	7.04%	0.492%
20	10.796	759	762	765	rVV3	33950	74711	4.07%	0.284%
21	10.888	767	770	772	rVV3	37136	60449	3.29%	0.230%
22	10.968	775	777	780	rVV	595489	575294	31.36%	2.189%
23	11.059	783	785	790	rVB2	55204	123861	6.75%	0.471%
24	11.276	798	804	805	rBV2	49851	74698	4.07%	0.284%
25	11.402	812	815	820	rVV2	47500	93927	5.12%	0.357%
26	11.505	820	824	825	rVV3	38776	104727	5.71%	0.398%
27	11.573	828	830	833	rVB	53380	75079	4.09%	0.286%
28	11.676	836	839	840	rBV	306449	434864	23.70%	1.655%
29	11.699	840	841	843	rVV	1470878	1085008	59.14%	4.128%
30	11.745	843	845	847	rVV	323654	344928	18.80%	1.312%
31	11.928	856	861	863	rBV4	71109	149507	8.15%	0.569%
32	12.179	881	883	885	rBV	133565	188948	10.30%	0.719%
33	12.214	885	886	888	rVB	261660	200293	10.92%	0.762%
34	12.259	888	890	892	rBV	102483	105892	5.77%	0.403%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080463.D
Acq On : 14 Jul 2015 12:24
Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

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-BF071015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.305	892	894	897	rBV2	292852	418433	22.81%	1.592%
36	12.488	908	910	912	rVB	146641	126525	6.90%	0.481%
37	12.648	920	924	926	rBV	63853	77875	4.24%	0.296%
38	12.762	931	934	936	rBV	177892	196396	10.70%	0.747%
39	12.808	936	938	941	rVB	62408	112110	6.11%	0.427%
40	12.865	941	943	945	rVB2	54642	90698	4.94%	0.345%
41	12.945	948	950	952	rBV	1729588	1648837	89.87%	6.273%
42	13.117	963	965	968	rVB3	91200	133063	7.25%	0.506%
43	13.197	968	972	975	rBV	1247366	1834689	100.00%	6.981%
44	13.254	975	977	979	rVB2	82290	120067	6.54%	0.457%
45	13.345	979	985	986	rBV	784523	928165	50.59%	3.531%
46	13.368	986	987	990	rVB	61819	82628	4.50%	0.314%
47	13.425	990	992	996	rBV2	95775	196155	10.69%	0.746%
48	13.562	1000	1004	1006	rVB	237170	357050	19.46%	1.358%
49	13.642	1009	1011	1012	rBV	134977	164192	8.95%	0.625%
50	13.677	1012	1014	1016	rVV2	106123	180476	9.84%	0.687%
51	13.791	1022	1024	1025	rBV	80638	82335	4.49%	0.313%
52	13.825	1025	1027	1031	rVB2	75711	120115	6.55%	0.457%
53	14.031	1041	1045	1046	rBV4	32717	54825	2.99%	0.209%
54	14.122	1051	1053	1055	rBV2	34809	57342	3.13%	0.218%
55	14.157	1055	1056	1059	rVB2	64067	101099	5.51%	0.385%
56	14.294	1065	1068	1070	rBV2	85606	141386	7.71%	0.538%
57	14.328	1070	1071	1072	rVV	105146	91006	4.96%	0.346%
58	14.374	1072	1075	1077	rVV2	102825	206217	11.24%	0.785%
59	14.419	1077	1079	1083	rVB	57316	92822	5.06%	0.353%
60	14.499	1083	1086	1089	rBV2	34208	97174	5.30%	0.370%
61	14.591	1089	1094	1097	rBV2	652766	1369970	74.67%	5.212%
62	14.637	1097	1098	1103	rVB	539986	630888	34.39%	2.400%
63	14.740	1106	1107	1109	rVV	146931	149723	8.16%	0.570%
64	14.774	1109	1110	1113	rVV2	35724	76202	4.15%	0.290%
65	14.854	1116	1117	1120	rVV2	35340	61620	3.36%	0.234%
66	14.900	1120	1121	1123	rVB	50775	56529	3.08%	0.215%
67	15.048	1133	1134	1136	rBV	40859	55959	3.05%	0.213%
68	15.105	1136	1139	1141	rBV	117625	174564	9.51%	0.664%
69	15.140	1141	1142	1144	rVB	63256	79528	4.33%	0.303%
70	15.231	1144	1150	1151	rBV4	58576	178199	9.71%	0.678%
71	15.265	1151	1153	1154	rBV	67173	67095	3.66%	0.255%

LSC Area Percent Report

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Data File : BF080463.D
Acq On : 14 Jul 2015 12:24
Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

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-BF071015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.288	1154	1155	1157	rVB	56803	74260	4.05%	0.283%
73	15.357	1157	1161	1165	rVB4	43884	91468	4.99%	0.348%
74	15.505	1171	1174	1176	rBV2	43690	104526	5.70%	0.398%
75	15.642	1185	1186	1189	rVB3	40341	58131	3.17%	0.221%
76	15.734	1192	1194	1199	rVB2	48218	80448	4.38%	0.306%
77	15.814	1199	1201	1204	rBV4	28520	54907	2.99%	0.209%
78	15.928	1208	1211	1215	rBV	580658	1238879	67.53%	4.714%
79	16.054	1220	1222	1223	rVB	95310	126626	6.90%	0.482%
80	16.168	1228	1232	1233	rVV2	43409	101871	5.55%	0.388%
81	16.214	1234	1236	1238	rVV2	50162	104812	5.71%	0.399%
82	16.271	1238	1241	1245	rVV	369348	599955	32.70%	2.283%
83	16.351	1245	1248	1251	rVV	500175	778754	42.45%	2.963%
84	16.420	1251	1254	1255	rVV	237033	356092	19.41%	1.355%
85	16.454	1255	1257	1262	rVB	166779	265435	14.47%	1.010%
86	16.774	1283	1285	1287	rVB	41393	65135	3.55%	0.248%
87	16.820	1287	1289	1293	rVB	41257	72526	3.95%	0.276%
88	16.911	1293	1297	1299	rBV3	29628	71953	3.92%	0.274%
89	17.048	1307	1309	1312	rVB	33470	51940	2.83%	0.198%
90	17.860	1376	1380	1382	rBV2	37674	86197	4.70%	0.328%
91	17.906	1382	1384	1387	rVB	28480	48941	2.67%	0.186%
92	18.077	1395	1399	1404	rVB	249030	541520	29.52%	2.060%
93	18.271	1413	1416	1419	rBV	56000	134002	7.30%	0.510%
94	18.340	1419	1422	1425	rBV2	33293	59619	3.25%	0.227%
95	18.580	1439	1443	1453	rVB	207063	486442	26.51%	1.851%
96	18.843	1463	1466	1474	rVB2	73252	201286	10.97%	0.766%
97	19.437	1515	1518	1523	rVB2	17860	48632	2.65%	0.185%
98	21.094	1657	1663	1674	rVB2	35227	170556	9.30%	0.649%
99	21.312	1674	1682	1685	rVV	28711	122031	6.65%	0.464%
100	21.392	1687	1689	1702	rVB4	19268	89554	4.88%	0.341%

Sum of corrected areas: 26282707

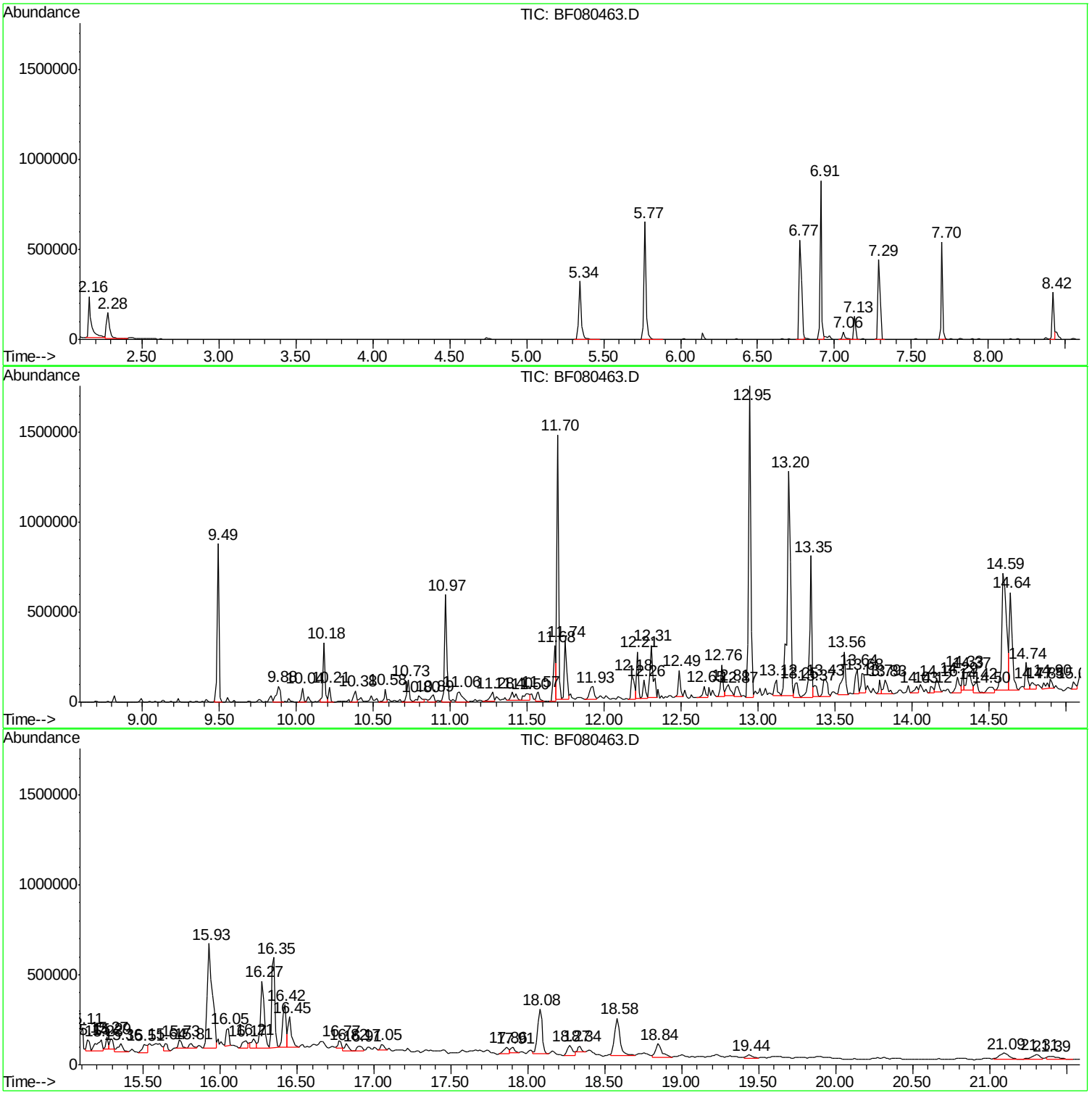
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080463.D
Acq On : 14 Jul 2015 12:24
Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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\BF071315\
Data File : BF080463.D
Acq On : 14 Jul 2015 12:24
Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

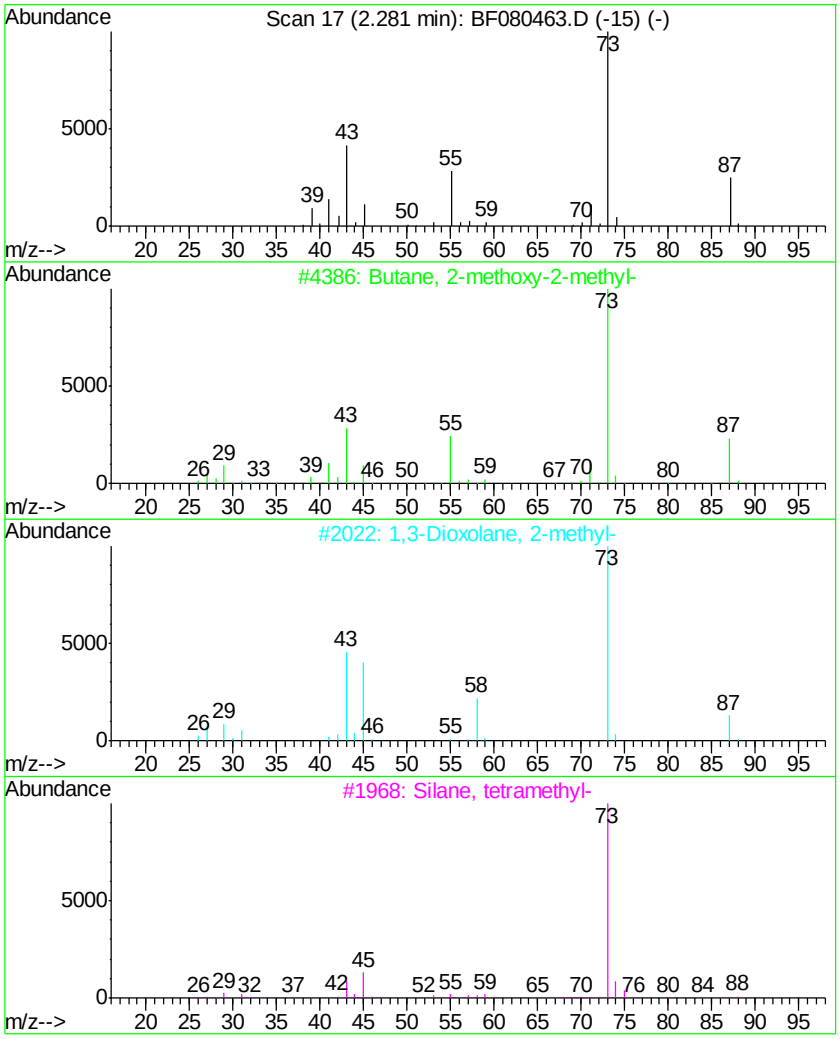
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

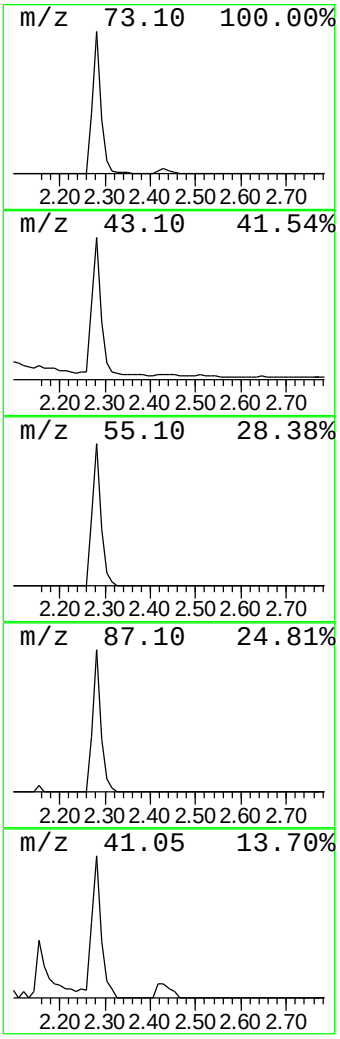
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.28	29.50 ng	207922	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080463.D
Acq On : 14 Jul 2015 12:24
Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

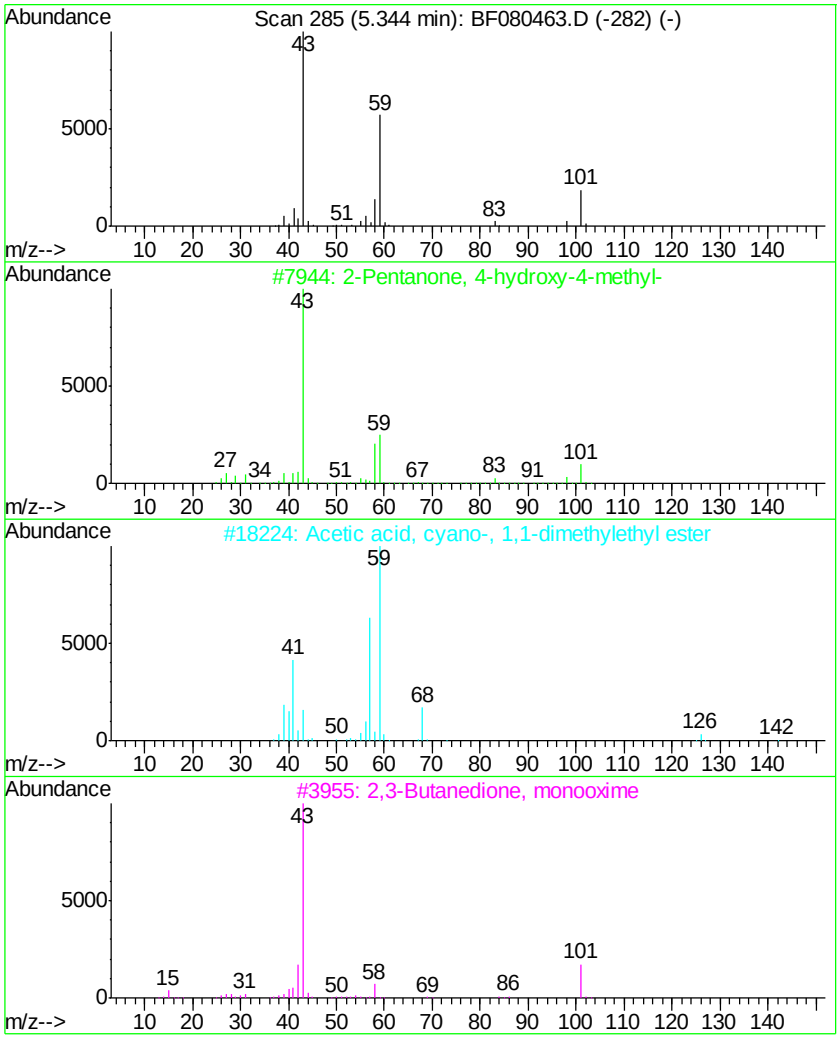
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

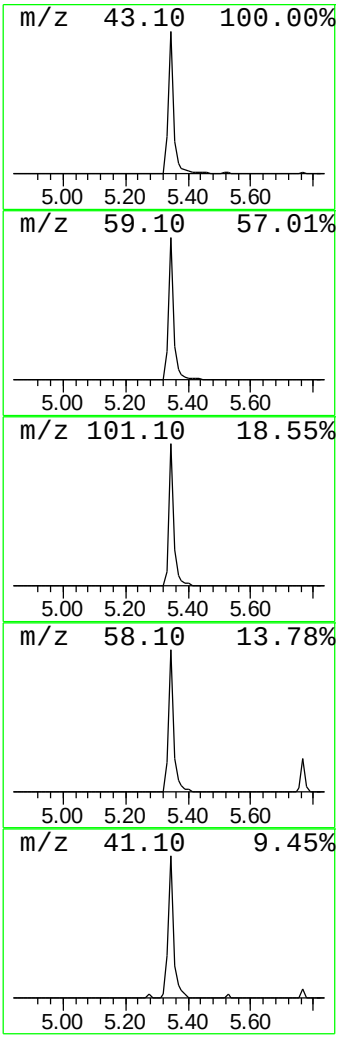
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.34	51.39 ng	362197	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080463.D
Acq On : 14 Jul 2015 12:24
Operator : TP/UM
Sample : G2954-20
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Instrument : BNA_F
ClientSampleId : TEC-B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

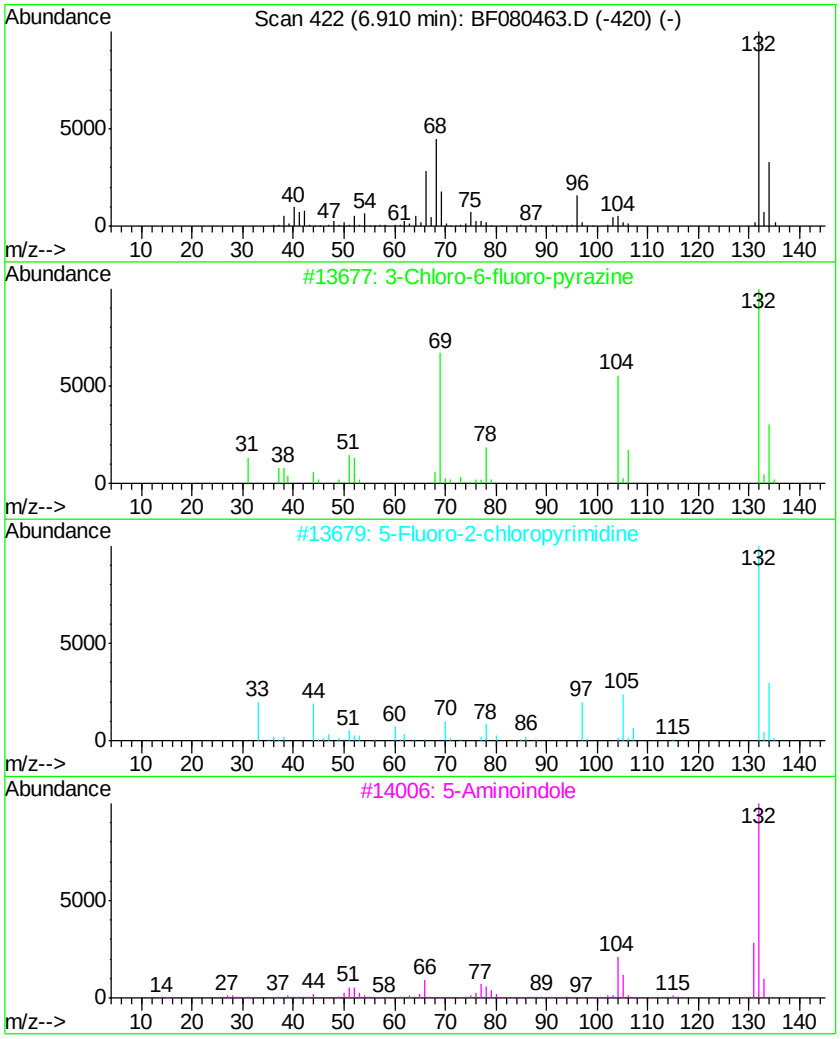
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

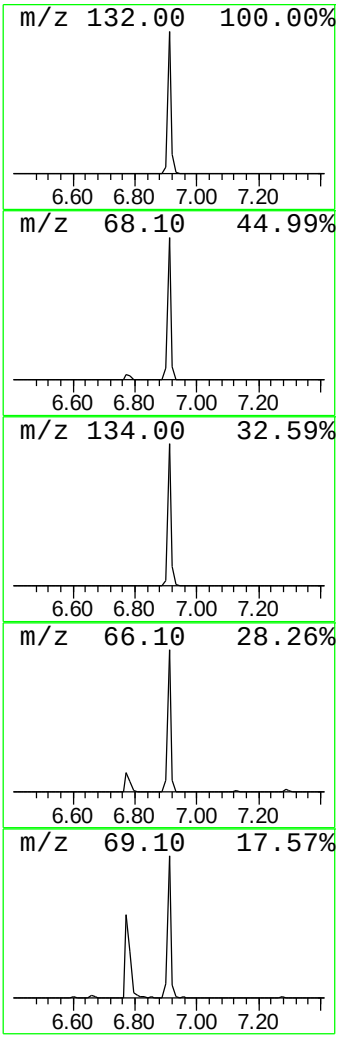
****

Peak Number 4 unknown6.91 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	102.22 ng	720496	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080463.D
Acq On : 14 Jul 2015 12:24
Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

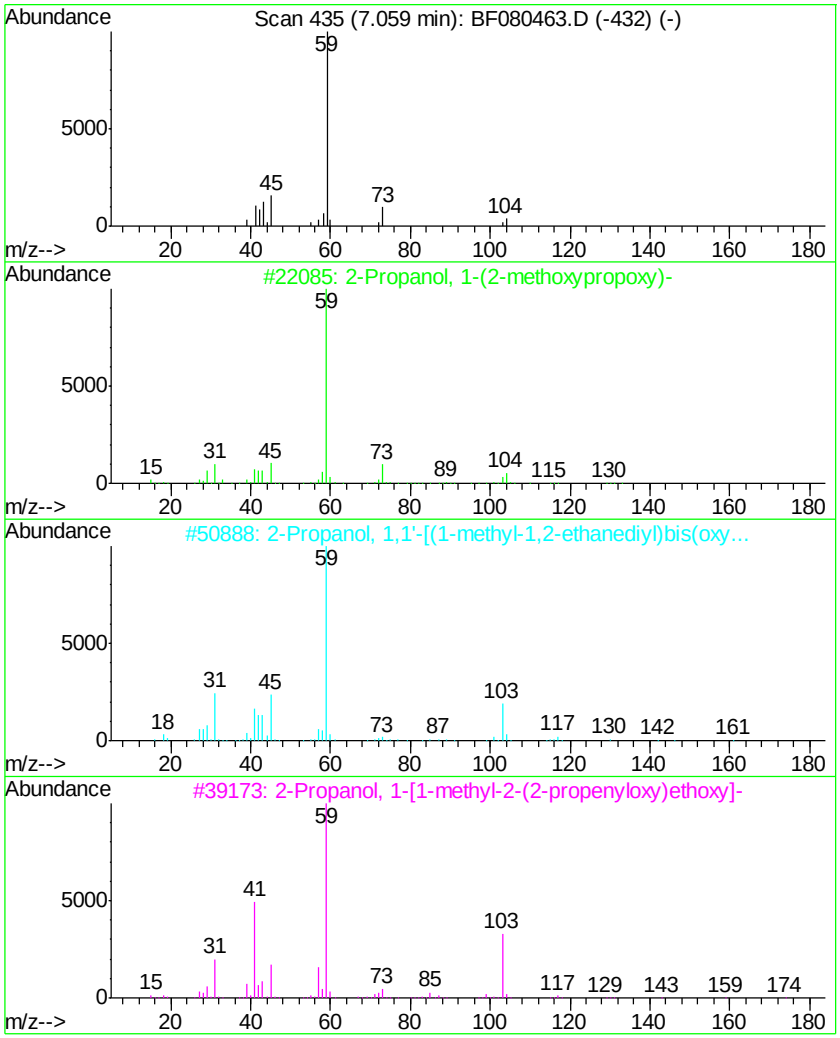
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

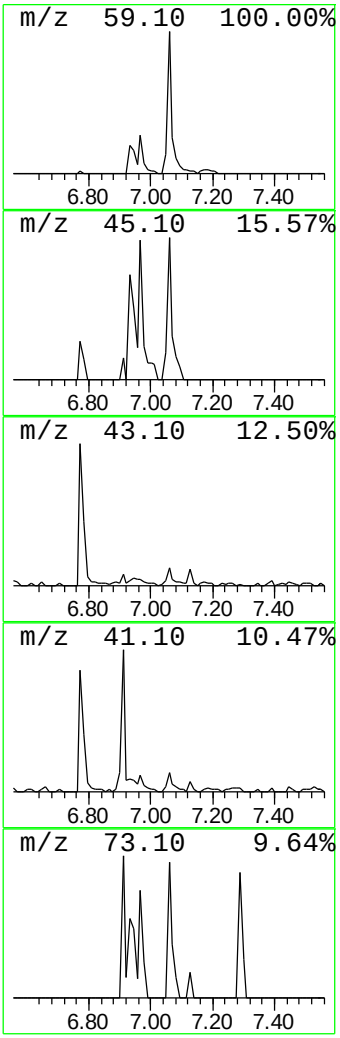
****

Peak Number 5 2-Propanol, 1-(2-methoxypro... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	7.11 ng	50117	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	83
2	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	72
3	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	40
4	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	39
5	Methane, diethoxy-	104	C5H12O2	000462-95-3	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080463.D
Acq On : 14 Jul 2015 12:24
Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

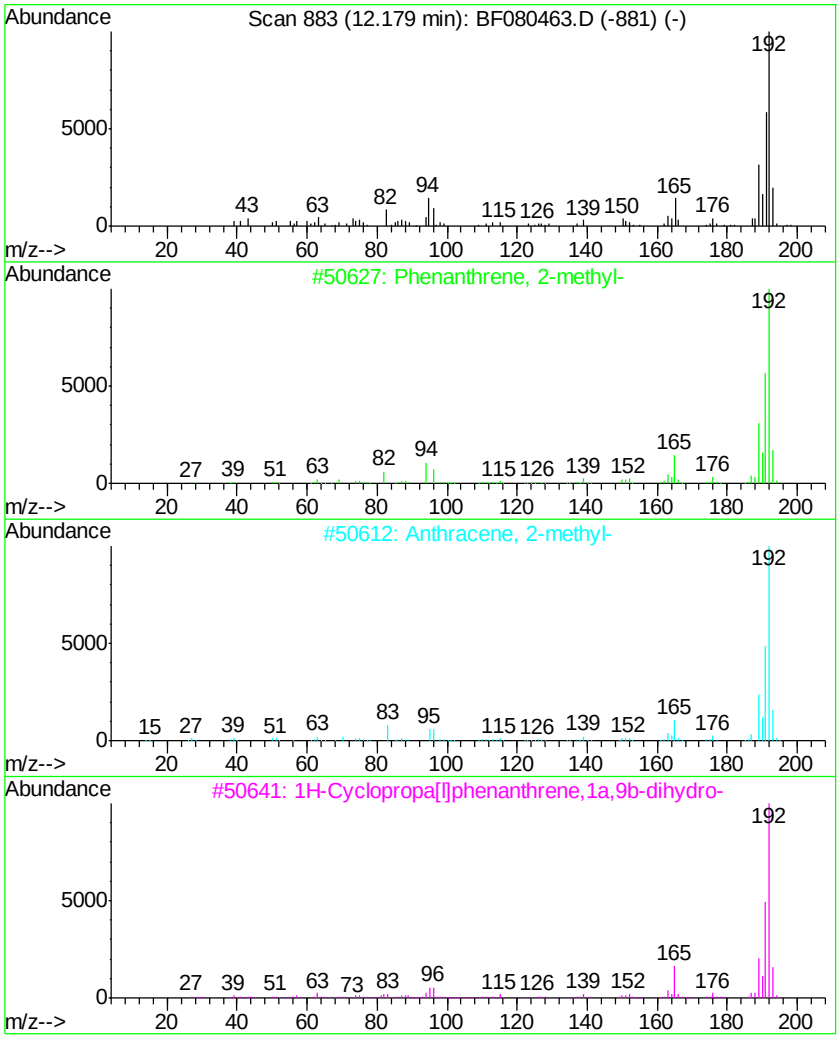
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

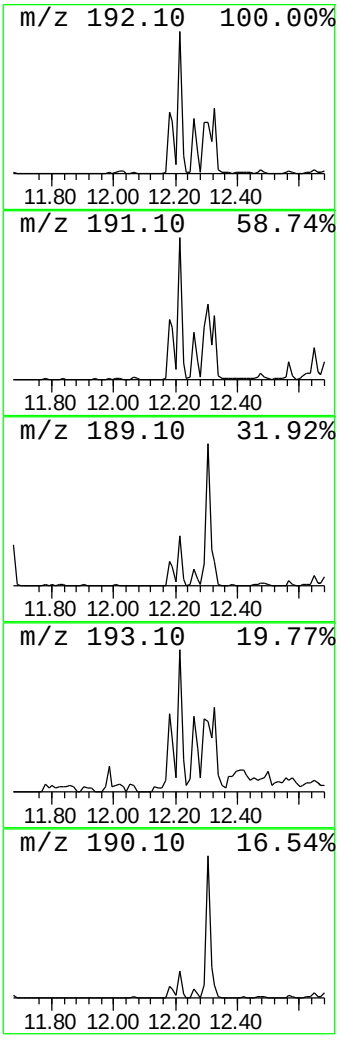
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	8.69 ng	188948	Phenanthrene-d10	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Data File : BF080463.D
Acq On : 14 Jul 2015 12:24
Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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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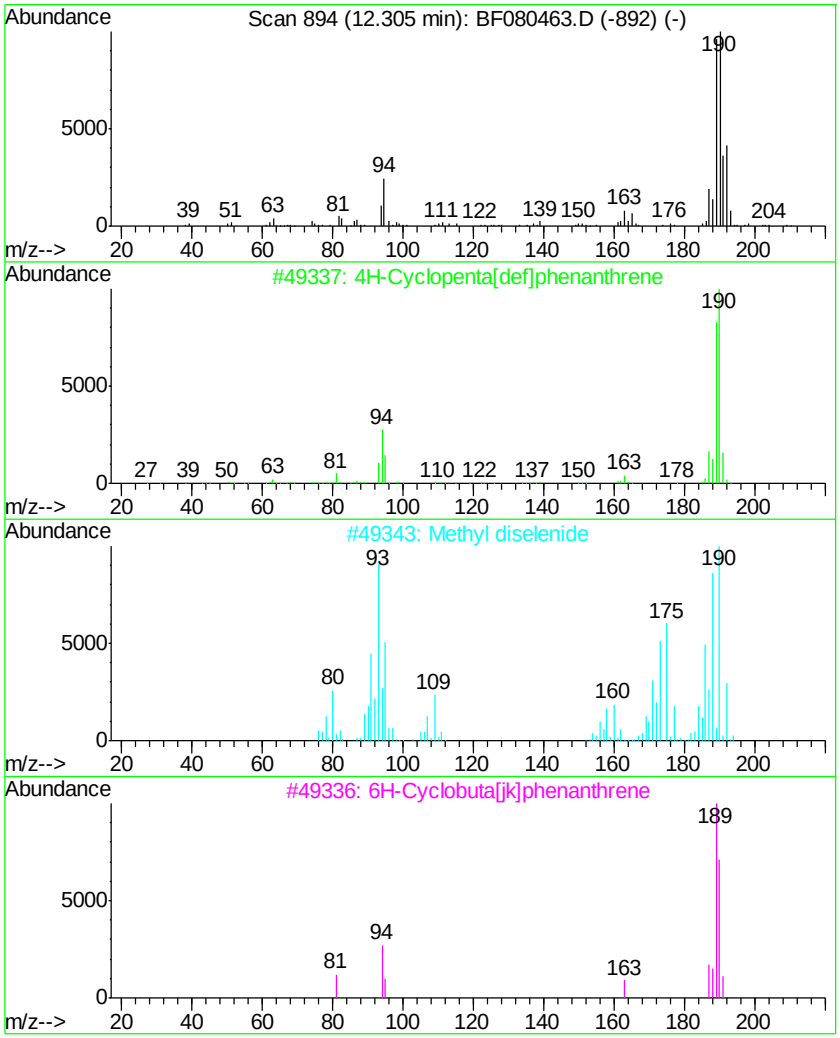
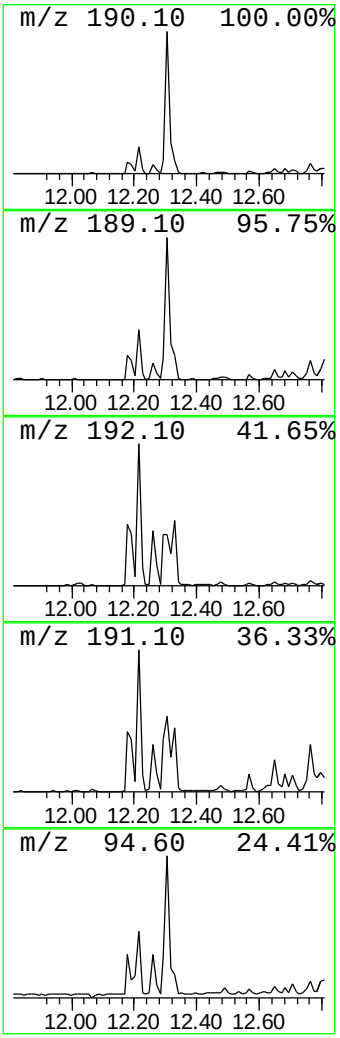
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	19.24 ng	418433	Phenanthrene-d10	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Methyl diselenide	190	C2H6Se2	007101-31-7	49
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	17





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Acq On : 14 Jul 2015 12:24
Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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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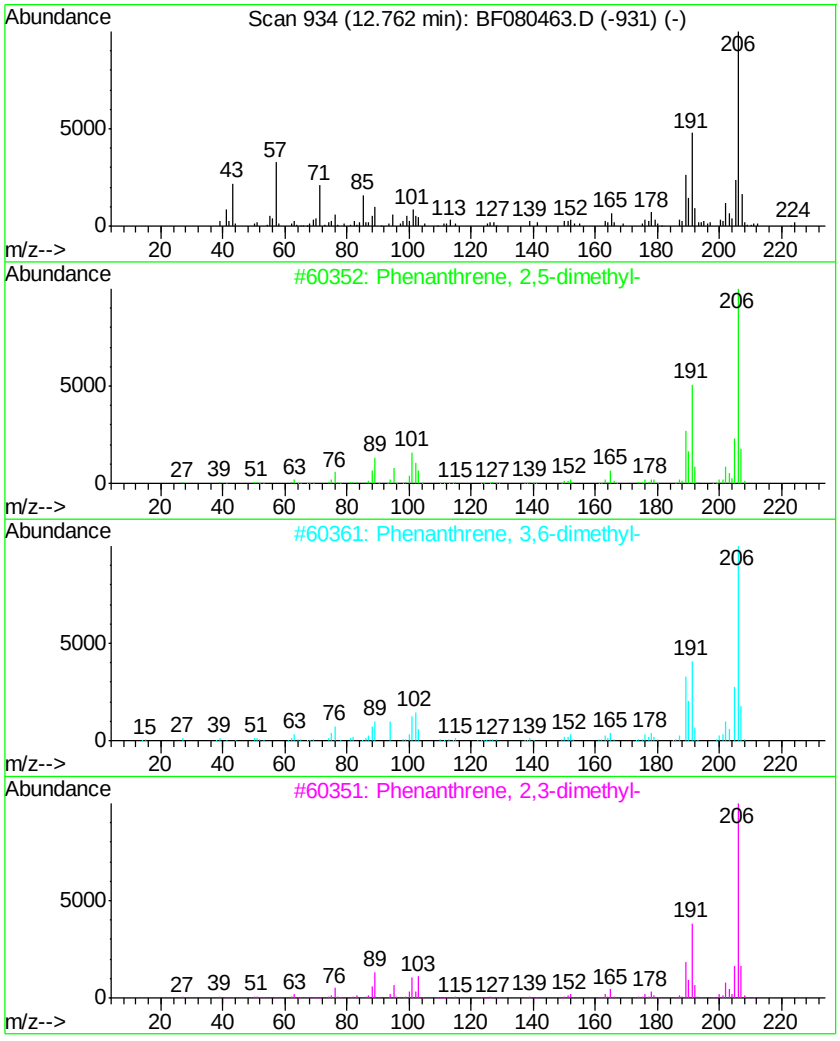
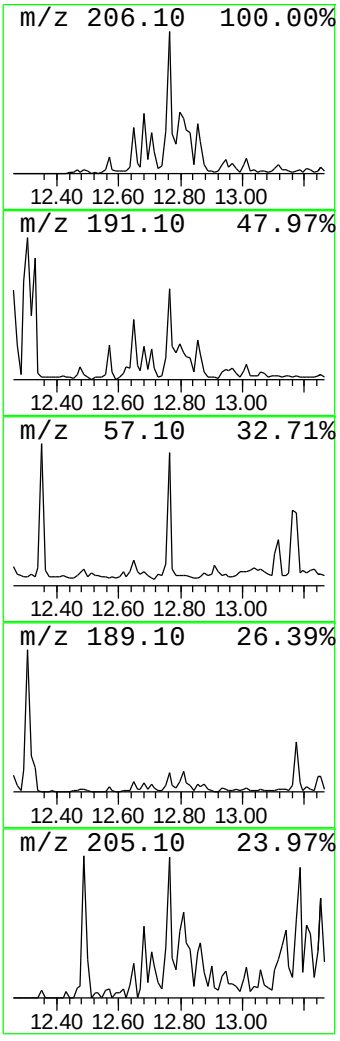
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	9.03 ng	196396	Phenanthrene-d10	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





Library Search Compound Report

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Data File : BF080463.D
Acq On : 14 Jul 2015 12:24
Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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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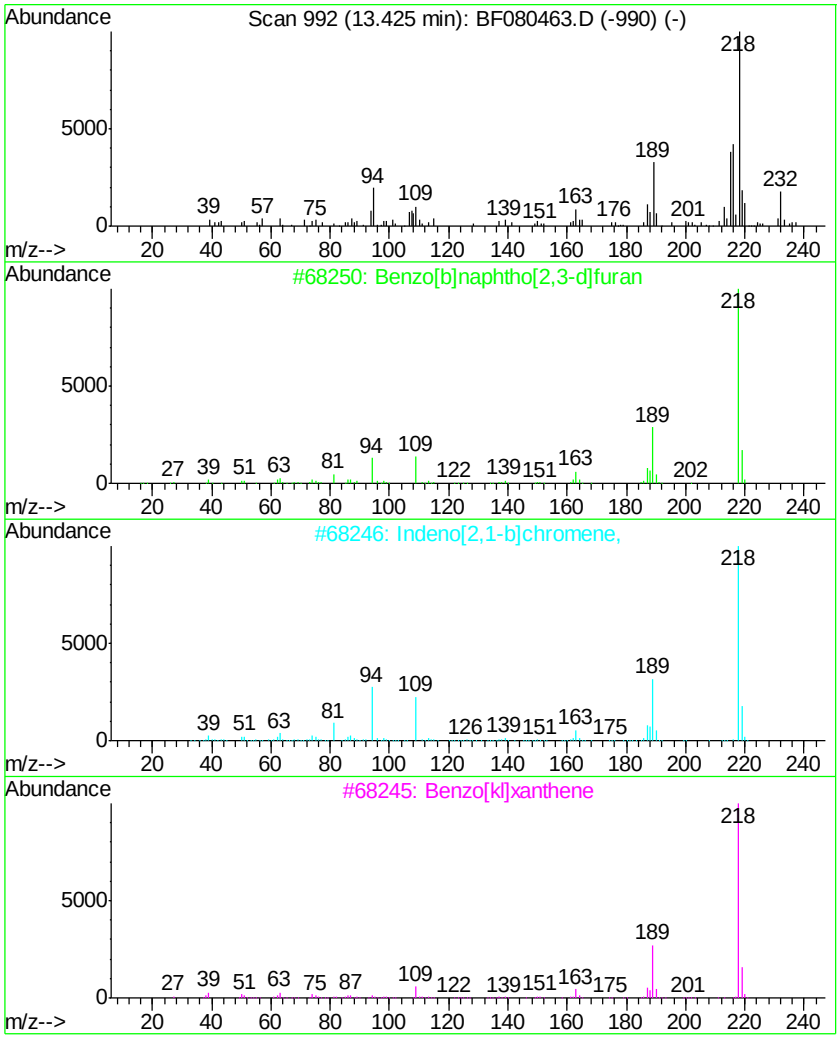
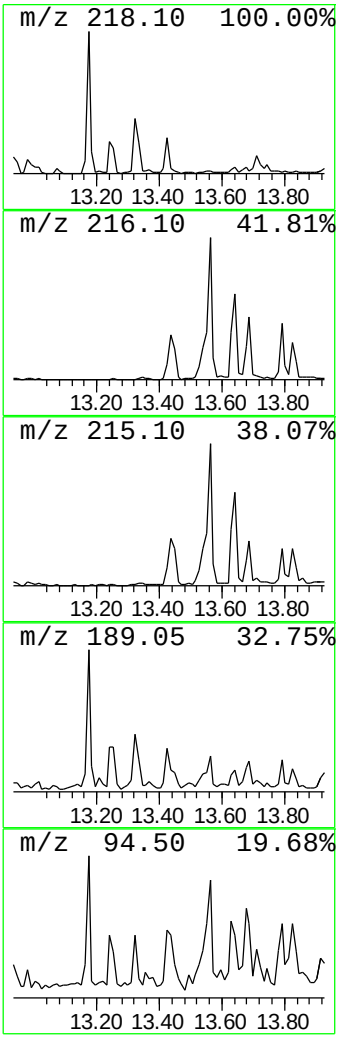
Peak Number 12 Benzo[b]naphtho[2,3-d]furan Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	6.22 ng	196155	Chrysene-d12	14.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	70
2	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	46
3	Benzo[kl]xanthene	218	C16H10O	000200-23-7	46
4	Benzo[b]naphtho[1,2-d]furan	218	C16H10O	000239-30-5	41
5	1-Hydroxypyrene	218	C16H10O	005315-79-7	38





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Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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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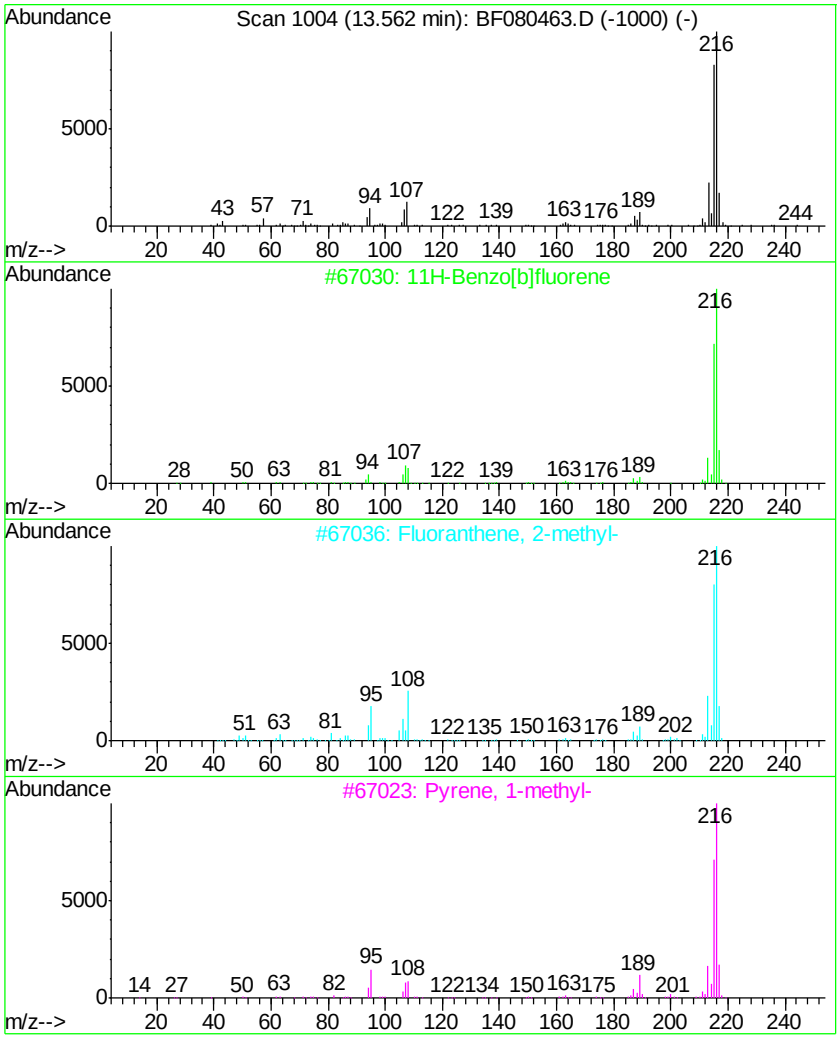
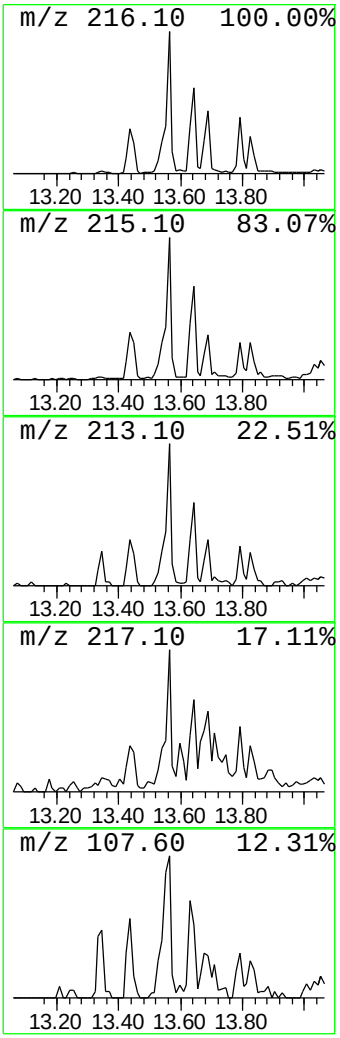
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	11.32 ng	357050	Chrysene-d12	14.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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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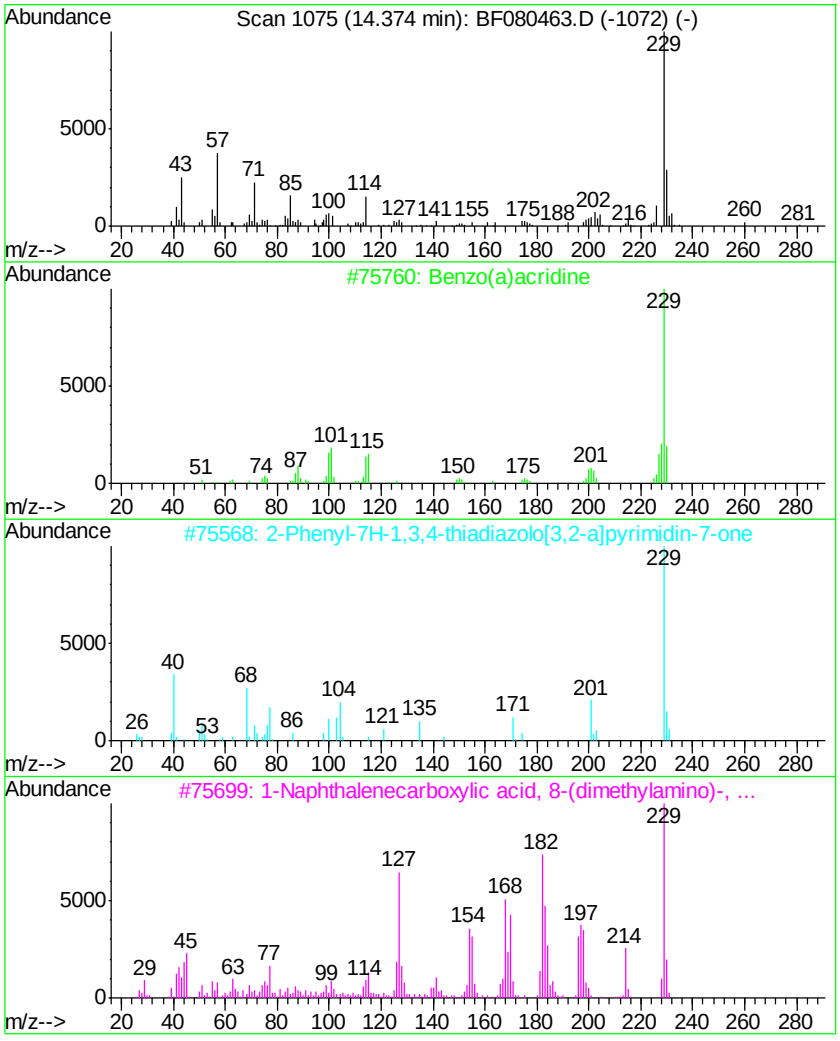
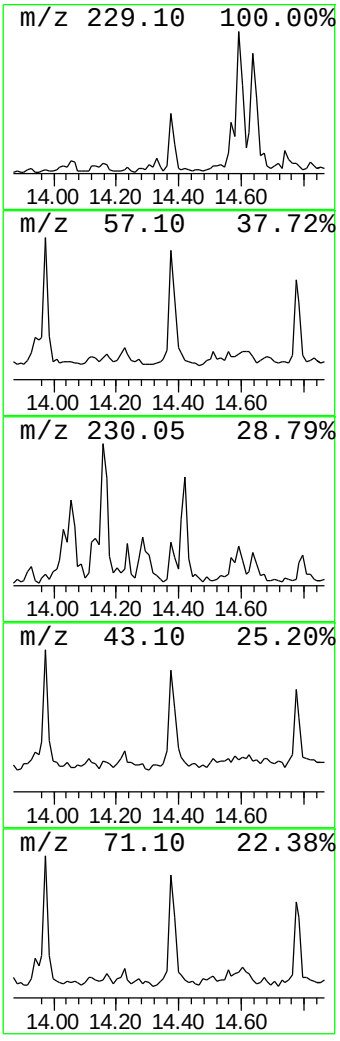
Peak Number 14 Benzo(a)acridine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	6.54 ng	206217	Chrysene-d12	14.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)acridine	229	C17H11N	000225-11-6	53
2	2-Phenyl-7H-1,3,4-thiadiazolo[3,...	229	C11H7N3OS	092537-58-1	43
3	1-Naphthalenecarboxylic acid, 8-...	229	C14H15NO2	069674-55-1	40
4	Benz[c]acridine	229	C17H11N	000225-51-4	40
5	1-Dichloromethyldimethylsilyloxy...	312	C14H30Cl2OSi	1000283-10-7	38





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Acq On : 14 Jul 2015 12:24
Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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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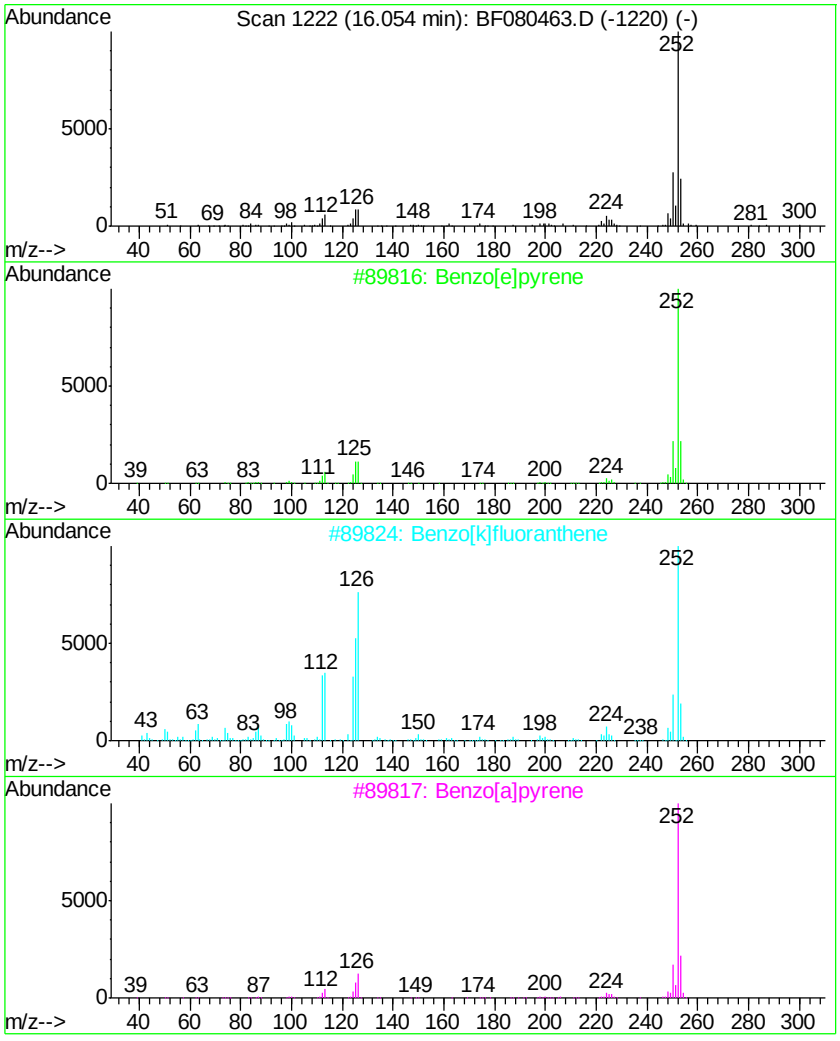
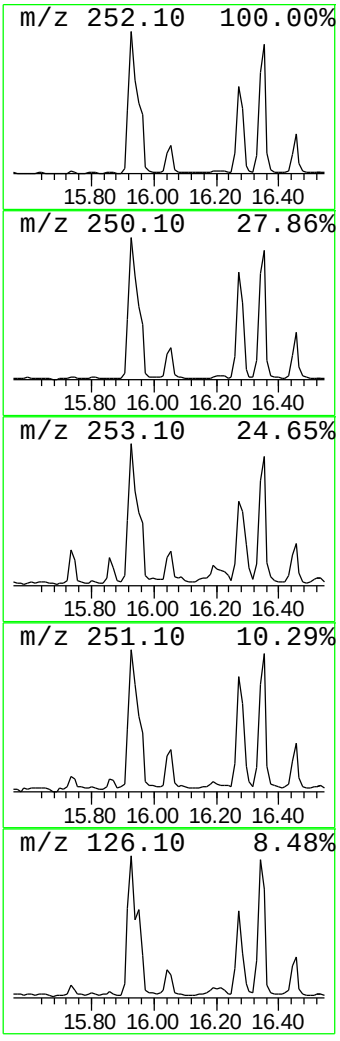
Peak Number 15 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	7.11 ng	126626	Perylene-d12	16.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	92
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5	Perylene	252	C20H12	000198-55-0	72





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Acq On : 14 Jul 2015 12:24
Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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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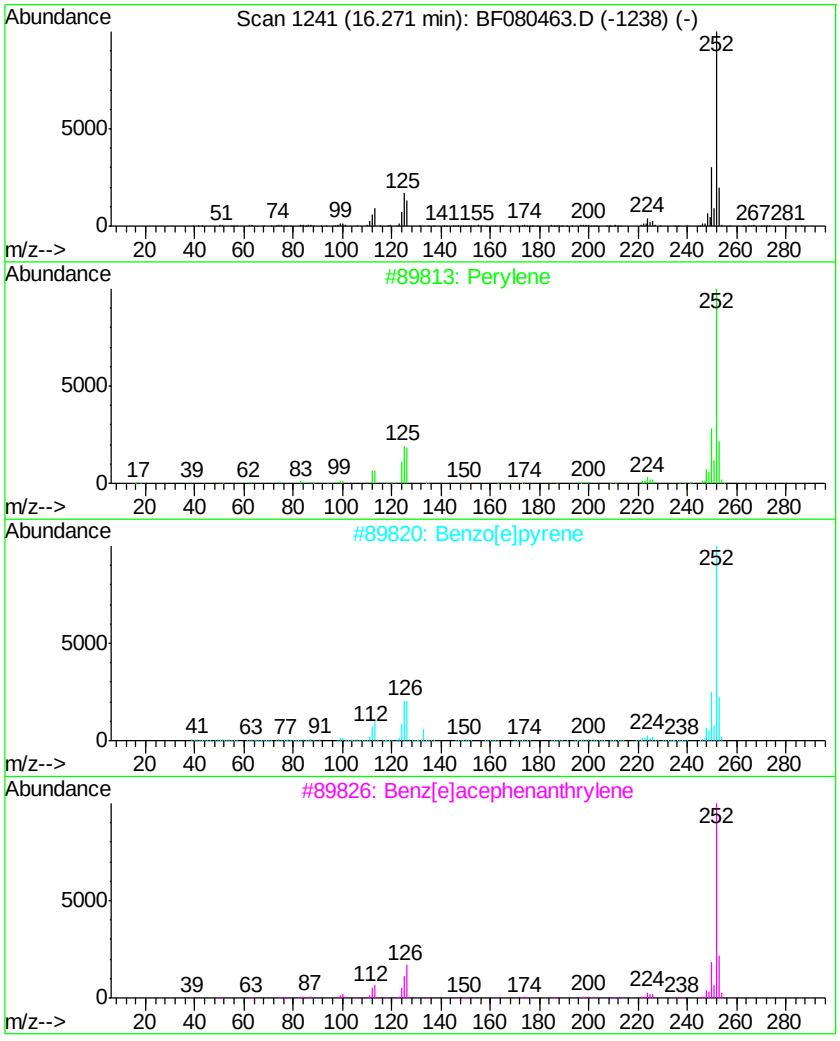
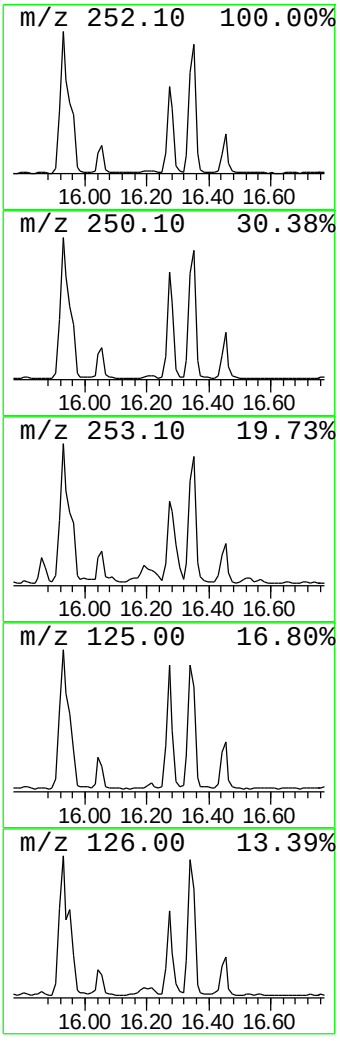
Peak Number 16 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	33.70 ng	599955	Perylene-d12	16.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





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Acq On : 14 Jul 2015 12:24
Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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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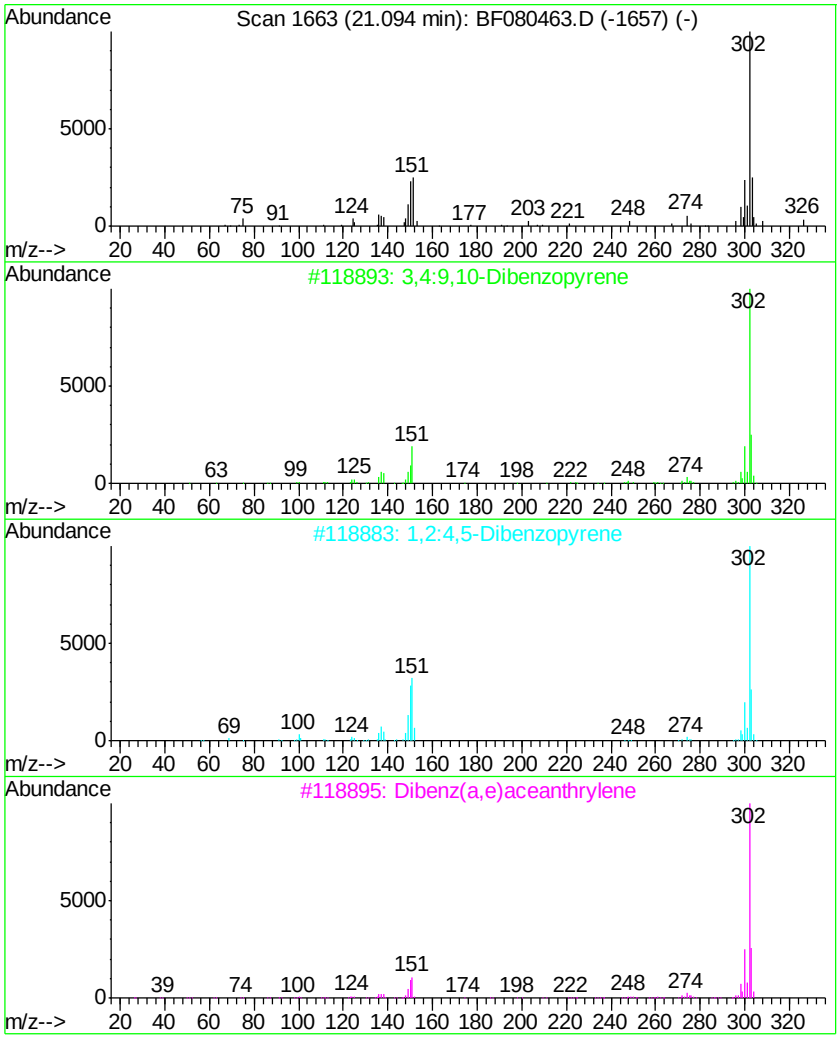
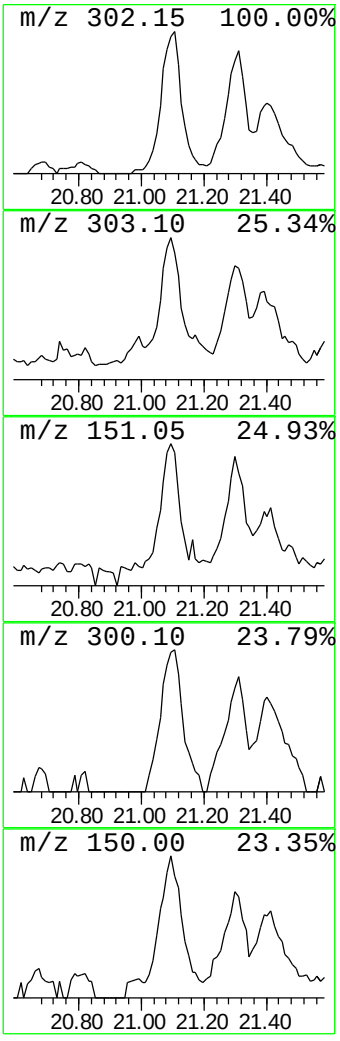
Peak Number 19 3,4:9,10-Dibenzopyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	9.58 ng	170556	Perylene-d12	16.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	96
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	95
4	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	91
5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	76





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Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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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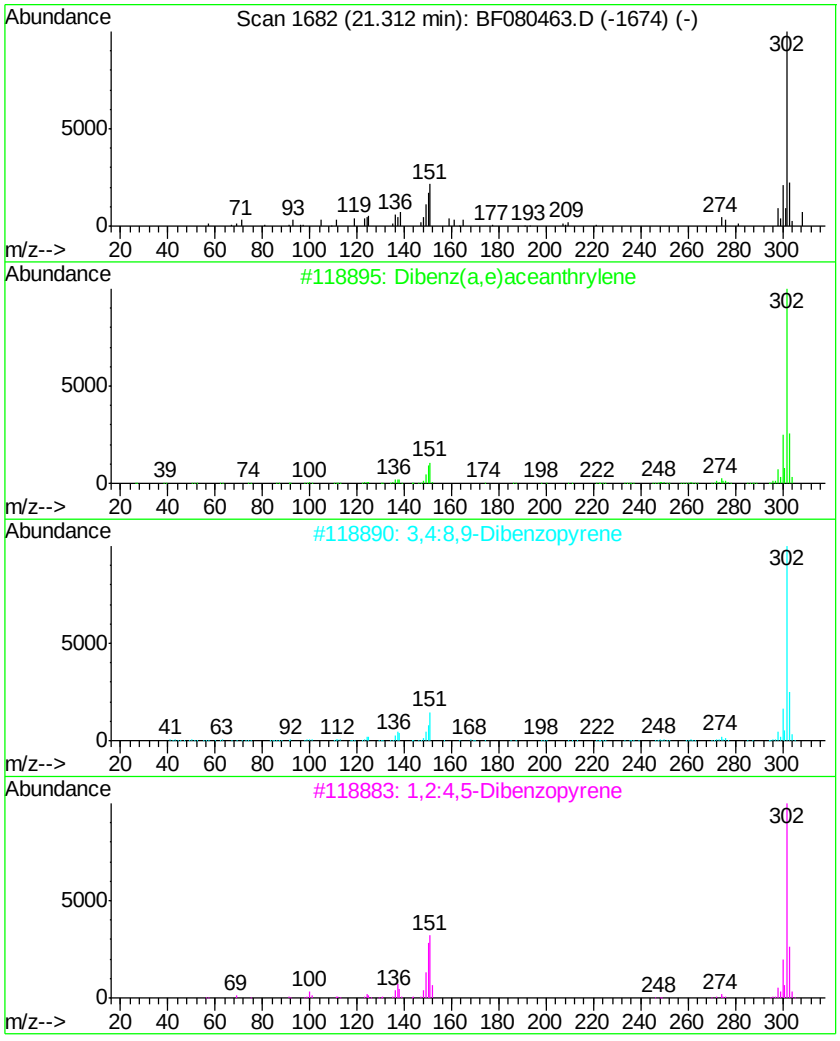
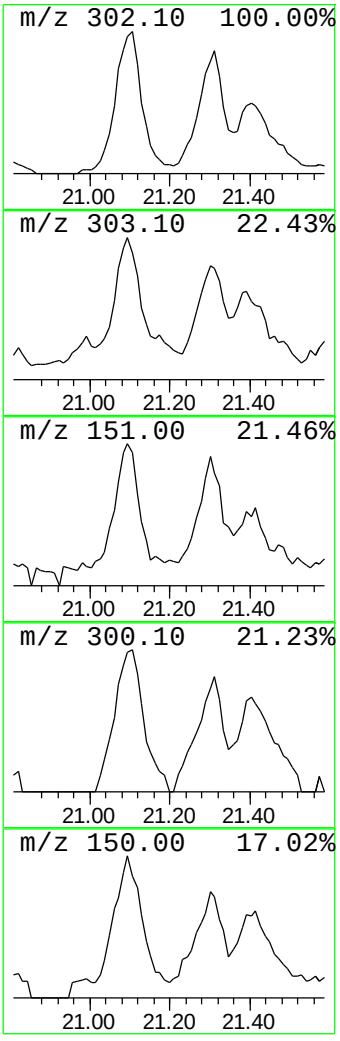
Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	6.85 ng	122031	Perylene-d12	16.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	90
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	87
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	87
4	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	81
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080463.D
Acq On : 14 Jul 2015 12:24
Operator : TP/UM
Sample : G2954-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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
Butane, 2-methoxy...	2.28	29.5	ng	207922	1	7.13	140970	20.0
2-Pentanone, 4-hy...	5.34	51.4	ng	362197	1	7.13	140970	20.0
unknown6.91	6.91	102.2	ng	720496	1	7.13	140970	20.0
2-Propanol, 1-(2-...	7.06	7.1	ng	50117	1	7.13	140970	20.0
Phenanthrene, 2-m...	12.18	8.7	ng	188948	4	11.68	434864	20.0
4H-Cyclopenta[def...	12.31	19.2	ng	418433	4	11.68	434864	20.0
Phenanthrene, 2,5...	12.76	9.0	ng	196396	4	11.68	434864	20.0
Benzo[b]naphtho[2...	13.43	6.2	ng	196155	5	14.61	630888	20.0
11H-Benzo[b]fluorene	13.56	11.3	ng	357050	5	14.61	630888	20.0
Benzo(a)acridine	14.37	6.5	ng	206217	5	14.61	630888	20.0
Benzo[e]pyrene	16.05	7.1	ng	126626	6	16.42	356092	20.0
Perylene	16.27	33.7	ng	599955	6	16.42	356092	20.0
3,4:9,10-Dibenzop...	21.09	9.6	ng	170556	6	16.42	356092	20.0
Dibenz(a,e)aceant...	21.31	6.8	ng	122031	6	16.42	356092	20.0