LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070915\
Data File : BF080404.D
Acq On : 9 Jul 2015 17:02
Operator : TP/UM
Sample : G2750-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

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-BF070615.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	2.178	7	8	23	rVB	602633	1233255	100.00%	6.541%
2	2.373	23	25	35	rVB	122076	227310	18.43%	1.206%
3	2.510	35	37	46	rVB2	14797	30556	2.48%	0.162%
4	5.401	287	290	295	rBV	210789	277363	22.49%	1.471%
5	5.801	322	325	327	rBV	1022366	867704	70.36%	4.602%
6	6.807	410	413	415	rBV	1143066	939570	76.19%	4.983%
7	6.967	424	427	429	rBV	916182	909440	73.74%	4.824%
8	7.196	445	447	449	rBB	252231	226367	18.36%	1.201%
9	7.356	459	461	464	rVB	822424	657884	53.35%	3.489%
10	7.756	494	496	498	rBV	724875	566203	45.91%	3.003%
11	8.259	537	540	542	rBB	20480	26370	2.14%	0.140%
12	8.487	558	560	564	rBV2	392792	496670	40.27%	2.634%
13	8.819	586	589	590	rBV3	16020	31131	2.52%	0.165%
14	8.842	590	591	596	rVB2	61526	66451	5.39%	0.352%
15	8.990	603	604	608	rBB2	30364	34374	2.79%	0.182%
16	9.208	621	623	625	rBV	114101	89389	7.25%	0.474%
17	9.310	630	632	633	rBV	86457	78589	6.37%	0.417%
18	9.562	652	654	657	rVB	842041	933615	75.70%	4.952%
19	9.950	686	688	690	rBV	76088	102996	8.35%	0.546%
20	10.259	713	715	717	rBV	481392	391039	31.71%	2.074%
21	10.316	719	720	725	rBV2	42758	67758	5.49%	0.359%
22	10.396	725	727	729	rVV	80733	117832	9.55%	0.625%
23	10.922	770	773	775	rVV2	22717	34143	2.77%	0.181%
24	11.048	782	784	787	rVB	792376	714928	57.97%	3.792%
25	11.265	800	803	805	rBV	81007	138199	11.21%	0.733%
26	11.322	805	808	811	rVV2	59128	97319	7.89%	0.516%
27	11.368	811	812	816	rVB3	30981	32919	2.67%	0.175%
28	11.631	834	835	836	rBV	45603	35124	2.85%	0.186%
29	11.756	844	846	848	rBV	358297	503035	40.79%	2.668%
30	11.836	851	853	854	rBV	70740	55619	4.51%	0.295%
31	11.859	854	855	859	rVB2	64720	89085	7.22%	0.473%
32	11.939	859	862	863	rBV2	35270	36095	2.93%	0.191%
33	11.985	863	866	867	rBV2	37027	59100	4.79%	0.313%
34	12.019	867	869	870	rVV	25685	46522	3.77%	0.247%

LSC Area Percent Report

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Acq On : 9 Jul 2015 17:02
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

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-BF070615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.042	870	871	873	rVB2	78217	69147	5.61%	0.367%
36	12.088	873	875	877	rVB2	72250	75110	6.09%	0.398%
37	12.134	877	879	881	rVB2	20797	26189	2.12%	0.139%
38	12.179	881	883	887	rVB3	13699	30099	2.44%	0.160%
39	12.282	889	892	893	rBV	61029	66313	5.38%	0.352%
40	12.305	893	894	896	rVB	61121	60603	4.91%	0.321%
41	12.339	896	897	899	rBV	73805	99699	8.08%	0.529%
42	12.396	899	902	905	rVB2	91730	169829	13.77%	0.901%
43	12.442	905	906	909	rVB	26627	26104	2.12%	0.138%
44	12.522	909	913	915	rBV4	66385	120933	9.81%	0.641%
45	12.591	917	919	920	rBV	60566	62427	5.06%	0.331%
46	12.614	920	921	925	rVB4	33192	47266	3.83%	0.251%
47	12.728	928	931	934	rVB5	35269	84137	6.82%	0.446%
48	12.785	934	936	939	rVB2	19494	34029	2.76%	0.180%
49	12.865	939	943	944	rBV2	61940	112247	9.10%	0.595%
50	12.957	949	951	953	rVV2	42062	71065	5.76%	0.377%
51	13.002	953	955	957	rVV2	50687	98303	7.97%	0.521%
52	13.048	957	959	960	rVV	255855	338189	27.42%	1.794%
53	13.105	960	964	969	rVB3	80336	236700	19.19%	1.255%
54	13.299	972	981	989	rVV2	379577	737070	59.77%	3.909%
55	13.448	992	994	997	rVV	1222898	1174845	95.26%	6.231%
56	13.539	1000	1002	1004	rBV2	38672	62879	5.10%	0.334%
57	13.608	1006	1008	1009	rVV	26724	42195	3.42%	0.224%
58	13.631	1009	1010	1012	rVV2	100510	150294	12.19%	0.797%
59	13.665	1012	1013	1015	rVV2	60332	68171	5.53%	0.362%
60	13.745	1018	1020	1022	rVV	56277	64895	5.26%	0.344%
61	13.791	1022	1024	1028	rVV	97859	196651	15.95%	1.043%
62	13.859	1028	1030	1032	rVV	23121	33650	2.73%	0.178%
63	13.939	1035	1037	1038	rVB	25905	33142	2.69%	0.176%
64	14.077	1043	1049	1050	rBV5	17223	29135	2.36%	0.155%
65	14.111	1050	1052	1054	rVV	240020	255058	20.68%	1.353%
66	14.202	1058	1060	1063	rBV	38341	54033	4.38%	0.287%
67	14.271	1063	1066	1068	rVV2	27408	50831	4.12%	0.270%
68	14.317	1068	1070	1071	rVV	29753	29022	2.35%	0.154%
69	14.362	1071	1074	1075	rVV2	21603	35228	2.86%	0.187%
70	14.408	1075	1078	1079	rVV2	42258	76936	6.24%	0.408%
71	14.442	1079	1081	1082	rVV	57969	69112	5.60%	0.367%

LSC Area Percent Report

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Acq On : 9 Jul 2015 17:02
Operator : TP/UM
Sample : G2750-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

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-BF070615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.488	1082	1085	1086	rVV2	45269	81646	6.62%	0.433%
73	14.522	1086	1088	1092	rVV4	82348	201065	16.30%	1.066%
74	14.637	1094	1098	1100	rVB2	40665	83037	6.73%	0.440%
75	14.717	1100	1105	1107	rBV2	548562	926650	75.14%	4.915%
76	14.751	1107	1108	1113	rVB	172296	158604	12.86%	0.841%
77	14.854	1113	1117	1120	rBV4	21600	57739	4.68%	0.306%
78	14.900	1120	1121	1122	rVV	30708	27313	2.21%	0.145%
79	14.957	1124	1126	1128	rVB2	28981	37651	3.05%	0.200%
80	15.002	1128	1130	1133	rBV3	21606	37513	3.04%	0.199%
81	15.140	1140	1142	1143	rBV	22331	29663	2.41%	0.157%
82	15.174	1143	1145	1146	rVV	27844	31309	2.54%	0.166%
83	15.220	1146	1149	1152	rVV	58450	98259	7.97%	0.521%
84	15.345	1155	1160	1161	rVV4	22109	46564	3.78%	0.247%
85	15.380	1161	1163	1165	rVV2	21385	36936	3.00%	0.196%
86	15.482	1169	1172	1177	rVB5	19838	39568	3.21%	0.210%
87	15.665	1185	1188	1190	rBV3	10194	27117	2.20%	0.144%
88	15.711	1190	1192	1194	rBV	63467	79216	6.42%	0.420%
89	15.837	1200	1203	1209	rBV2	65724	119800	9.71%	0.635%
90	16.054	1218	1222	1228	rBV2	132077	372682	30.22%	1.977%
91	16.180	1231	1233	1236	rVB	27036	37108	3.01%	0.197%
92	16.237	1236	1238	1242	rBV2	30309	54852	4.45%	0.291%
93	16.408	1250	1253	1257	rVB	81361	124082	10.06%	0.658%
94	16.477	1257	1259	1263	rBV	117788	177140	14.36%	0.940%
95	16.557	1263	1266	1268	rBV	328686	459826	37.29%	2.439%
96	16.751	1280	1283	1287	rBV2	17632	49633	4.02%	0.263%
97	16.831	1287	1290	1293	rVB4	10969	26131	2.12%	0.139%
98	18.123	1397	1403	1407	rBV4	9913	31535	2.56%	0.167%
99	18.306	1416	1419	1426	rVB2	42527	103842	8.42%	0.551%
100	18.831	1461	1465	1474	rBV	34776	91746	7.44%	0.487%

Sum of corrected areas: 18853717

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070915\
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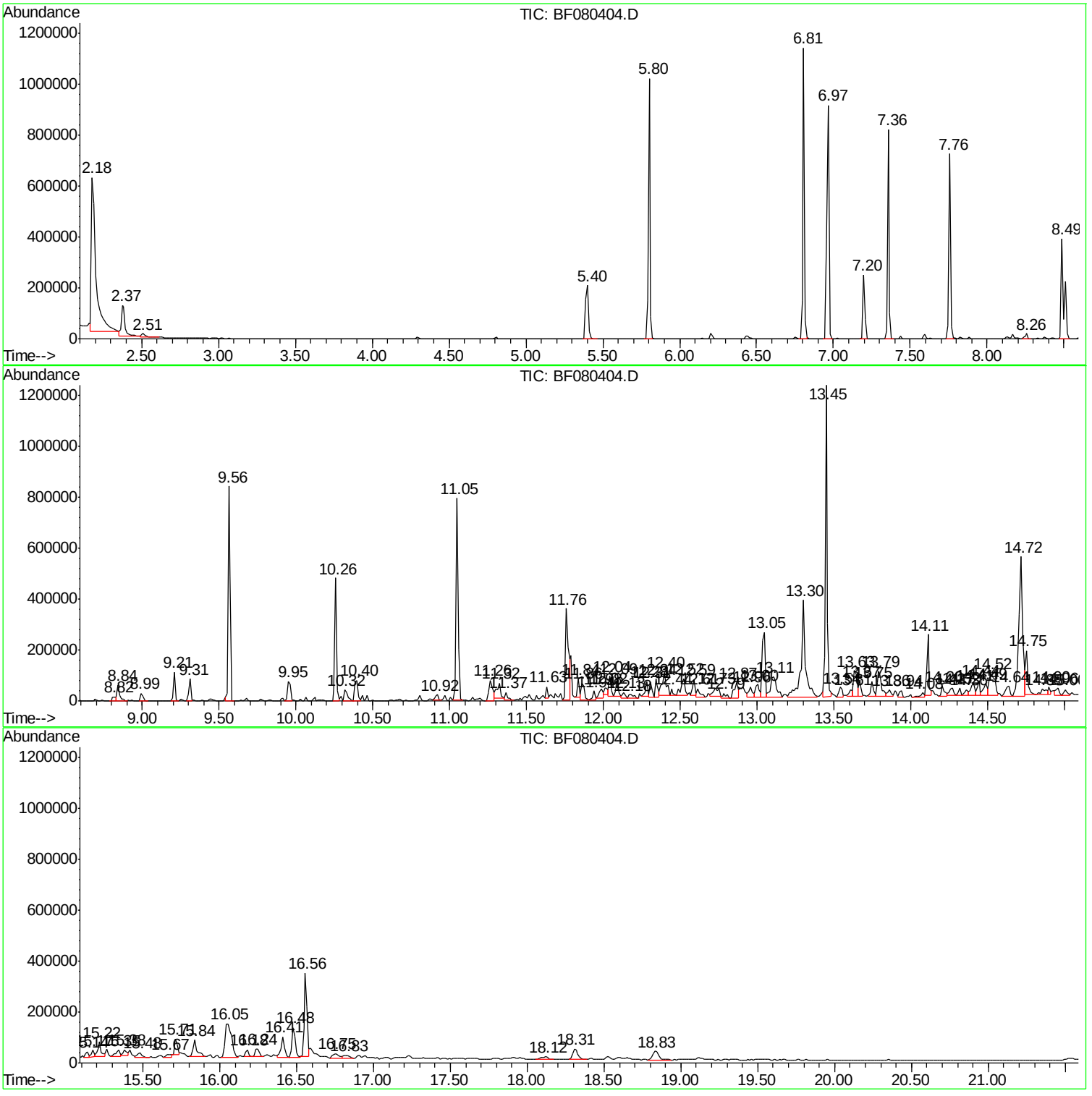
Sample : G2750-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.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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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST02.L
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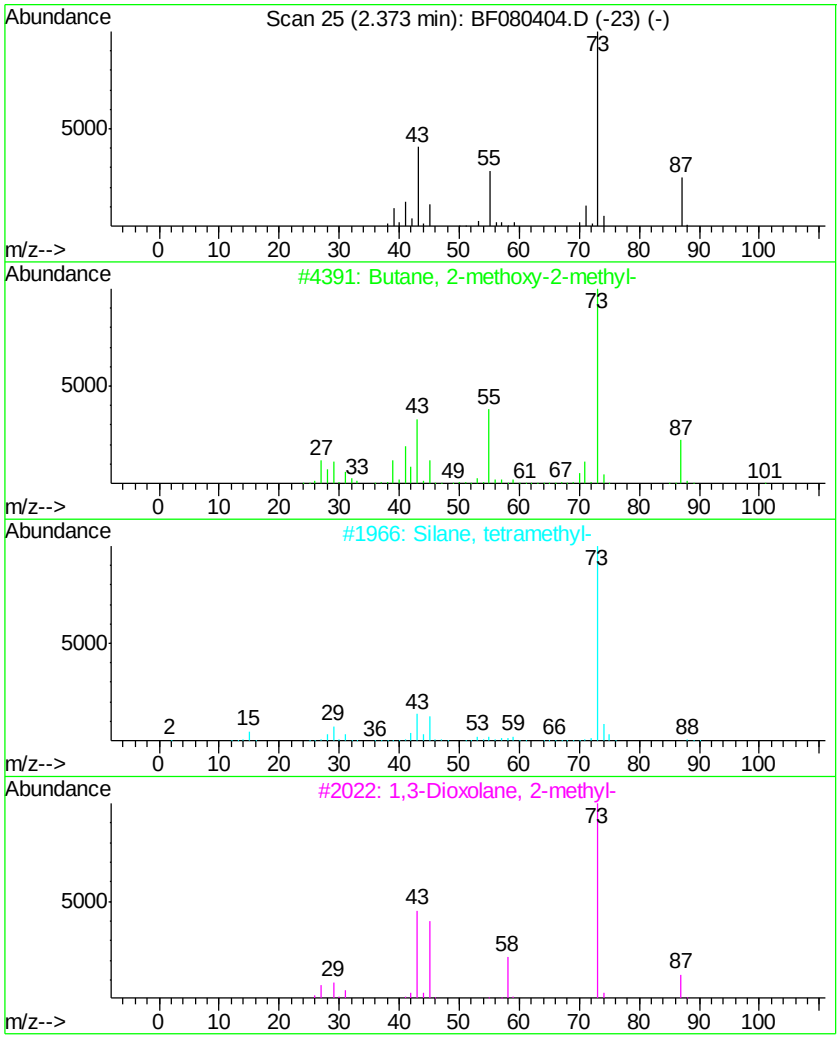
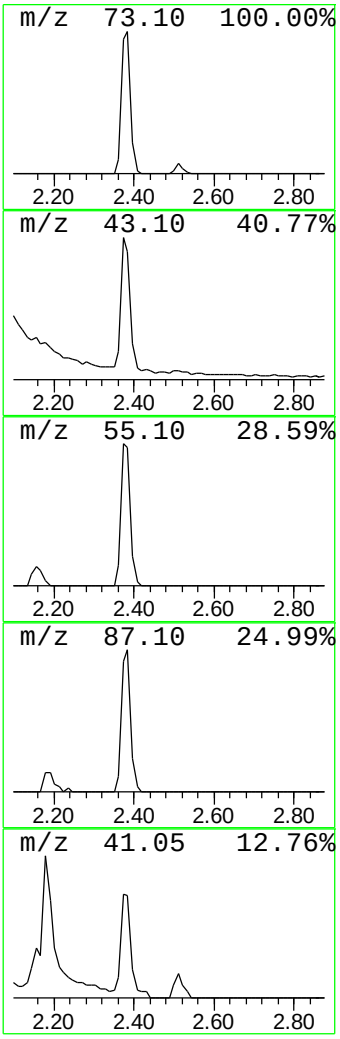
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	20.08 ng	227310	1,4-Dichlorobenzene-d4	7.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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Acq On : 9 Jul 2015 17:02
Operator : TP/UM
Sample : G2750-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

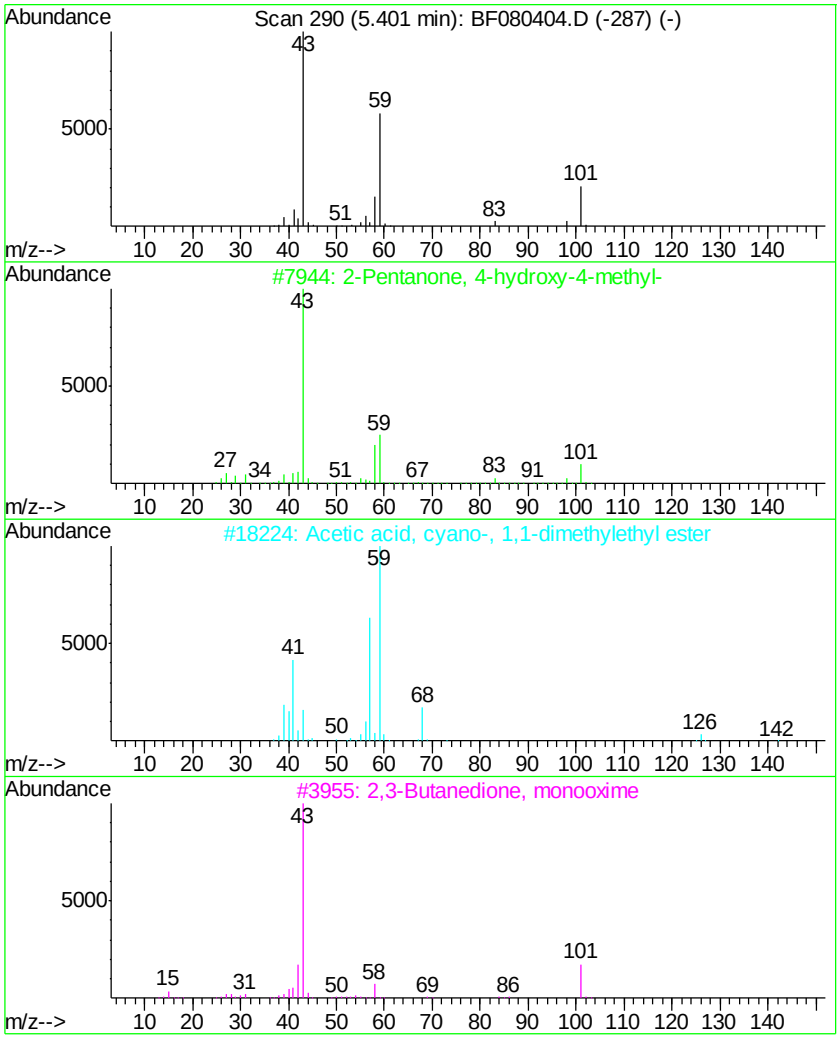
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

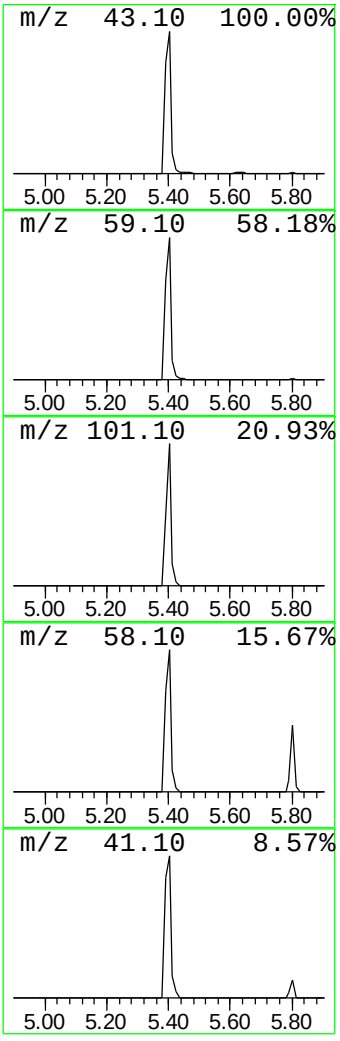
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	24.51 ng	277363	1,4-Dichlorobenzene-d4	7.20

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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





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Sample : G2750-09
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.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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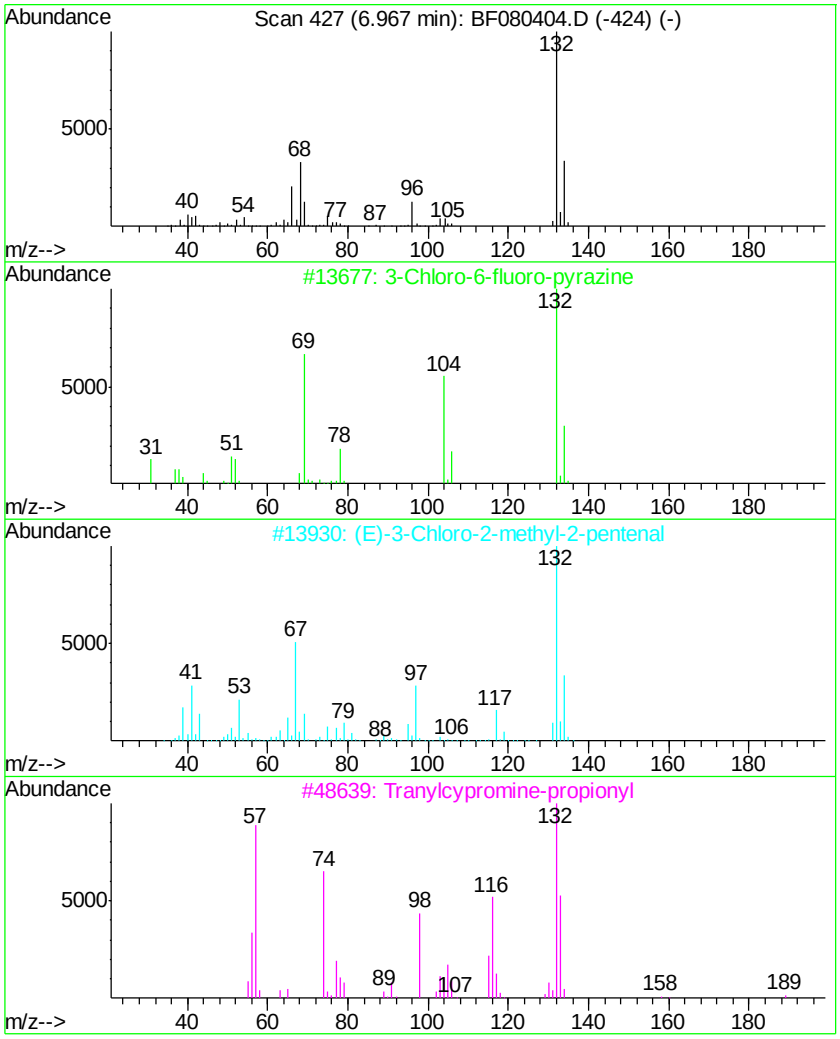
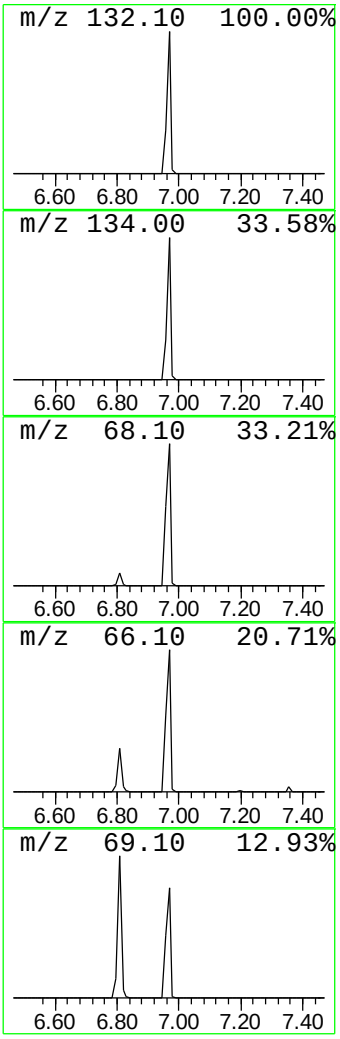
Peak Number 4 unknown6.97 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	80.35 ng	909440	1,4-Dichlorobenzene-d4	7.20

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Sample : G2750-09
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Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.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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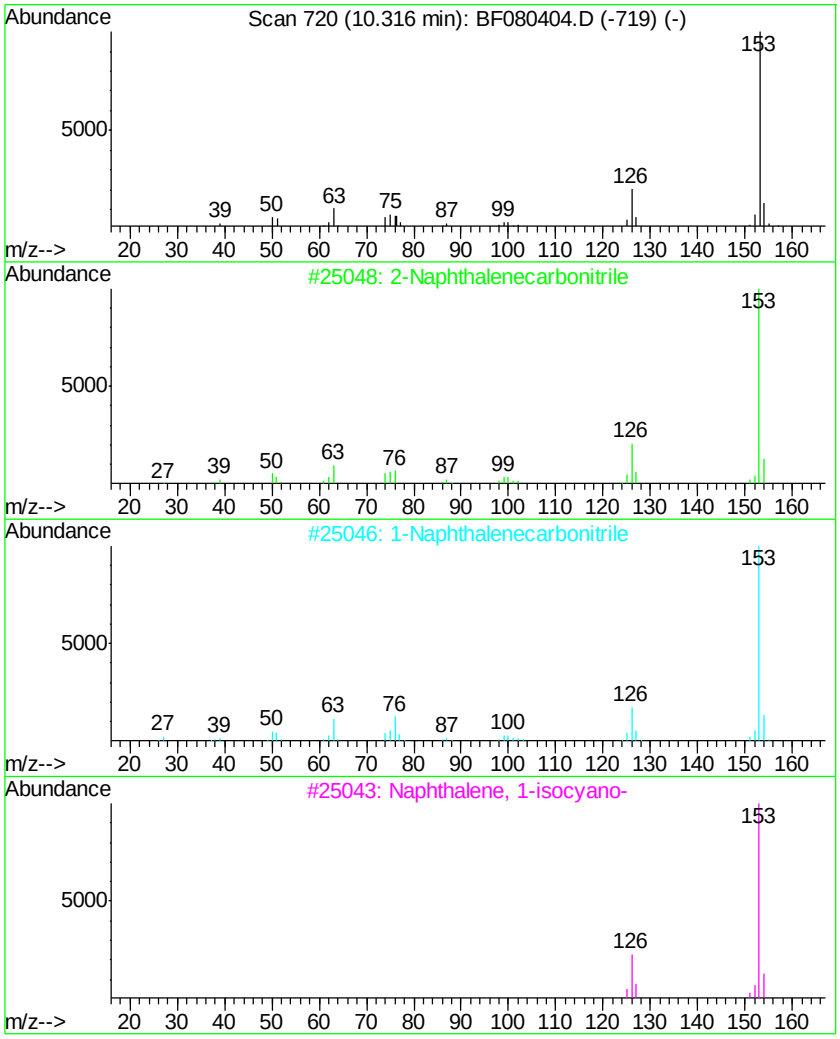
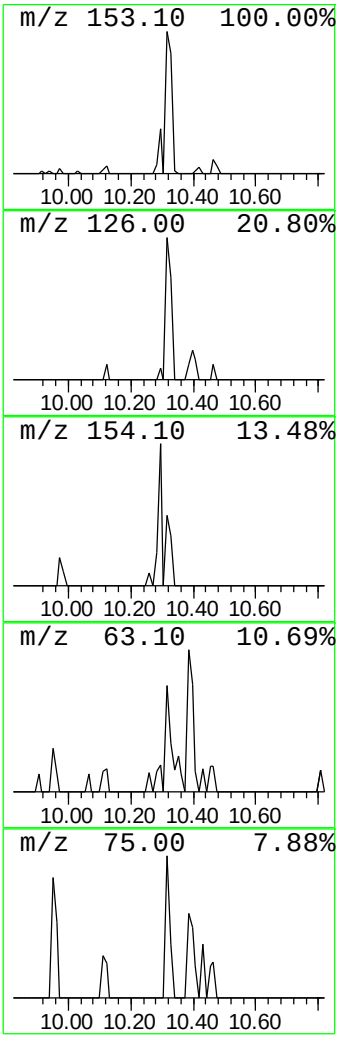
Peak Number 6 2-Naphthalenecarbonitrile Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	3.47 ng	67758	Acenaphthene-d10	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
3	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	90
4	2-Fluorobenzothiazole	153	C7H4FNS	001123-98-4	53
5	Benzene-1,2,4-tricarbonitrile	153	C9H3N3	010347-14-5	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070915\
Data File : BF080404.D
Acq On : 9 Jul 2015 17:02
Operator : TP/UM
Sample : G2750-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

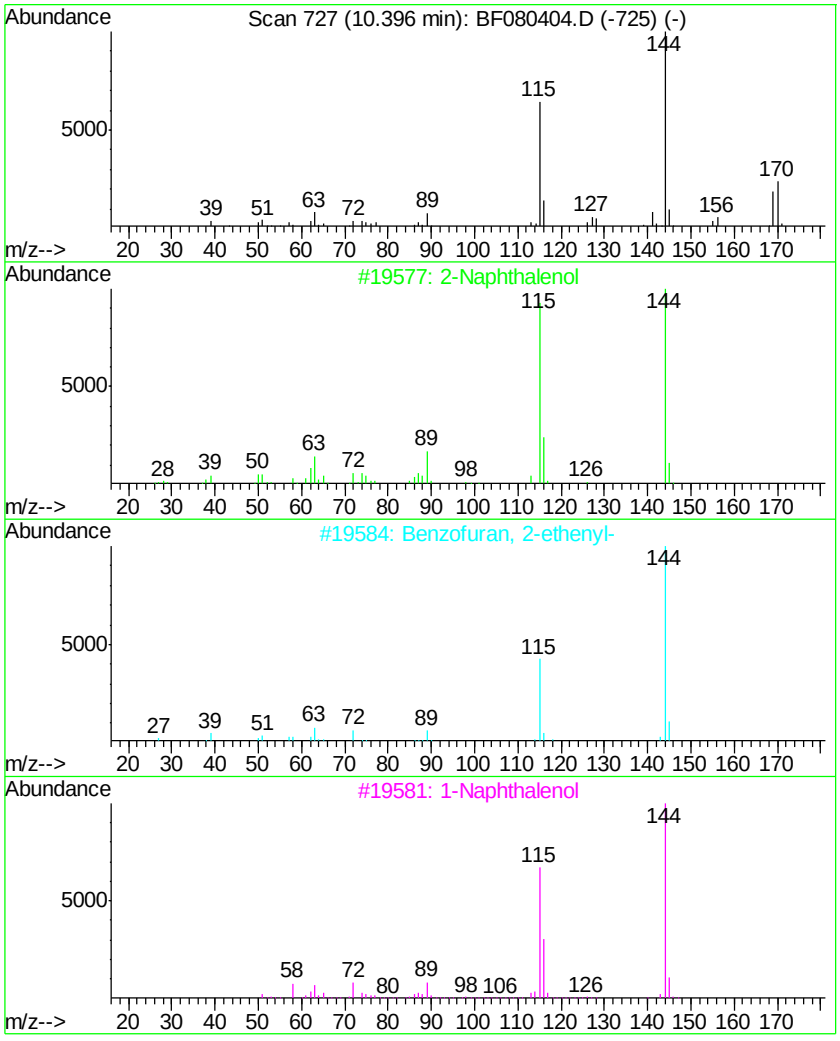
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

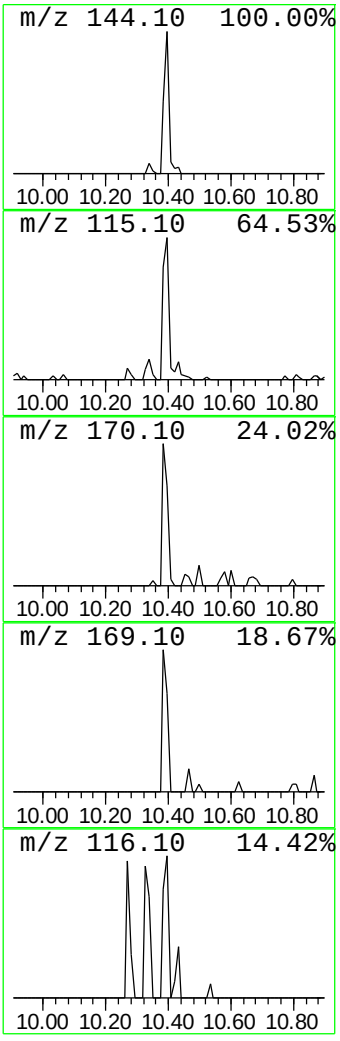
****

Peak Number 7 2-Naphthalenol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	6.03 ng	117832	Acenaphthene-d10	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol	144	C10H8O	000135-19-3	70
2	Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	62
3	1-Naphthalenol	144	C10H8O	000090-15-3	58
4	Furan, 3-phenyl-	144	C10H8O	013679-41-9	53
5	5-Quinolinamine	144	C9H8N2	000611-34-7	45





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070915\
Data File : BF080404.D
Acq On : 9 Jul 2015 17:02
Operator : TP/UM
Sample : G2750-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

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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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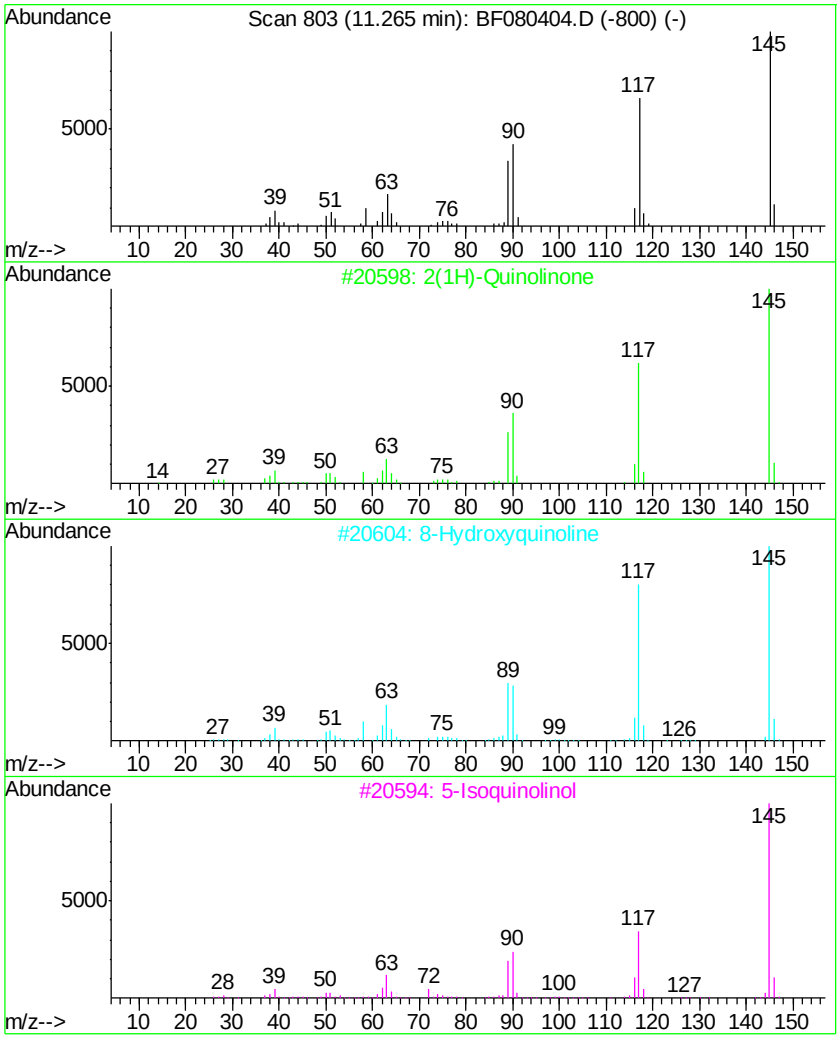
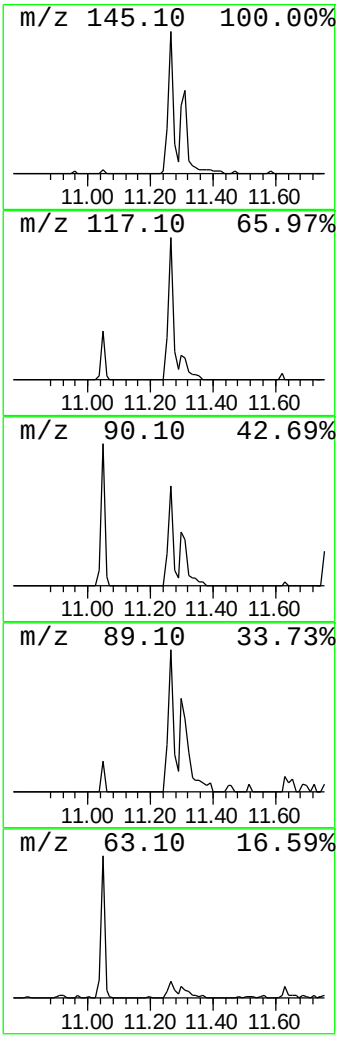
Peak Number 8 2(1H)-Quinolinone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	5.49 ng	138199	Phenanthrene-d10	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	96
2	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	94
3	5-Isoquinolinol	145	C9H7NO	002439-04-5	91
4	Indole	117	C8H7N	000120-72-9	90
5	4-Quinolinol	145	C9H7NO	000611-36-9	90





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Sample : G2750-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

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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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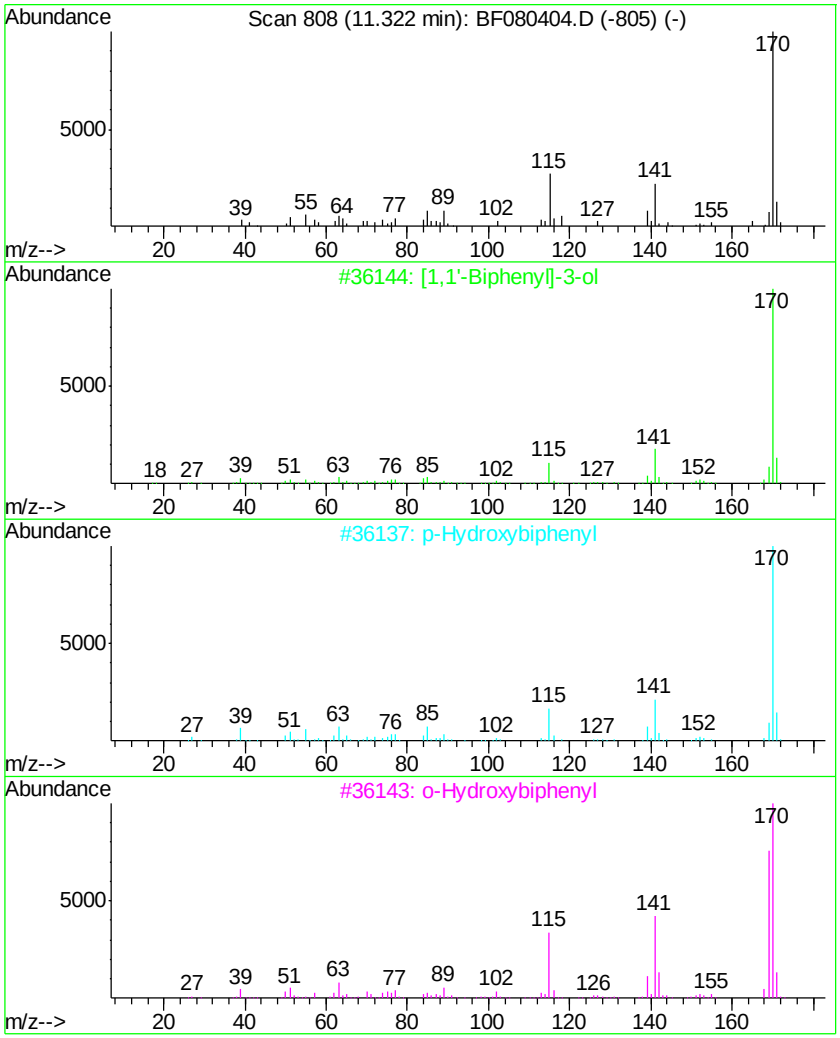
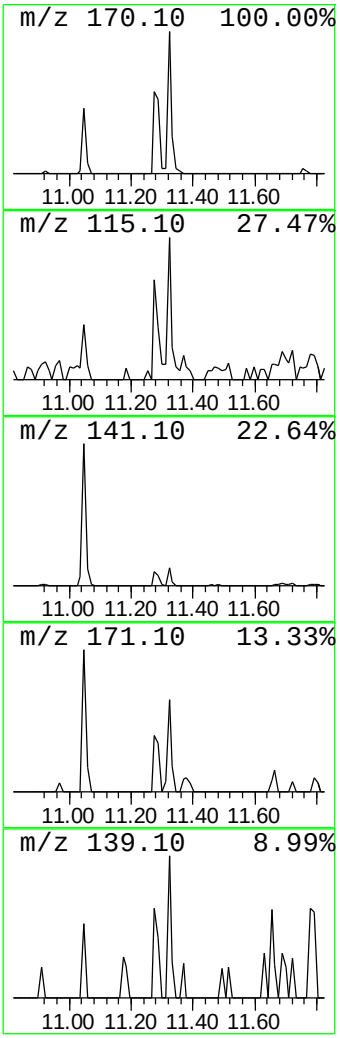
Peak Number 9 [1,1'-Biphenyl]-3-ol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	3.87 ng	97319	Phenanthrene-d10	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	93
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	86
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	68
4	Benzoic acid, 4-fluoro-3-methoxy-	170	C8H7FO3	082846-18-2	50
5	Pyridine, 2-amino-6-phenyl-	170	C11H10N2	039774-25-9	47





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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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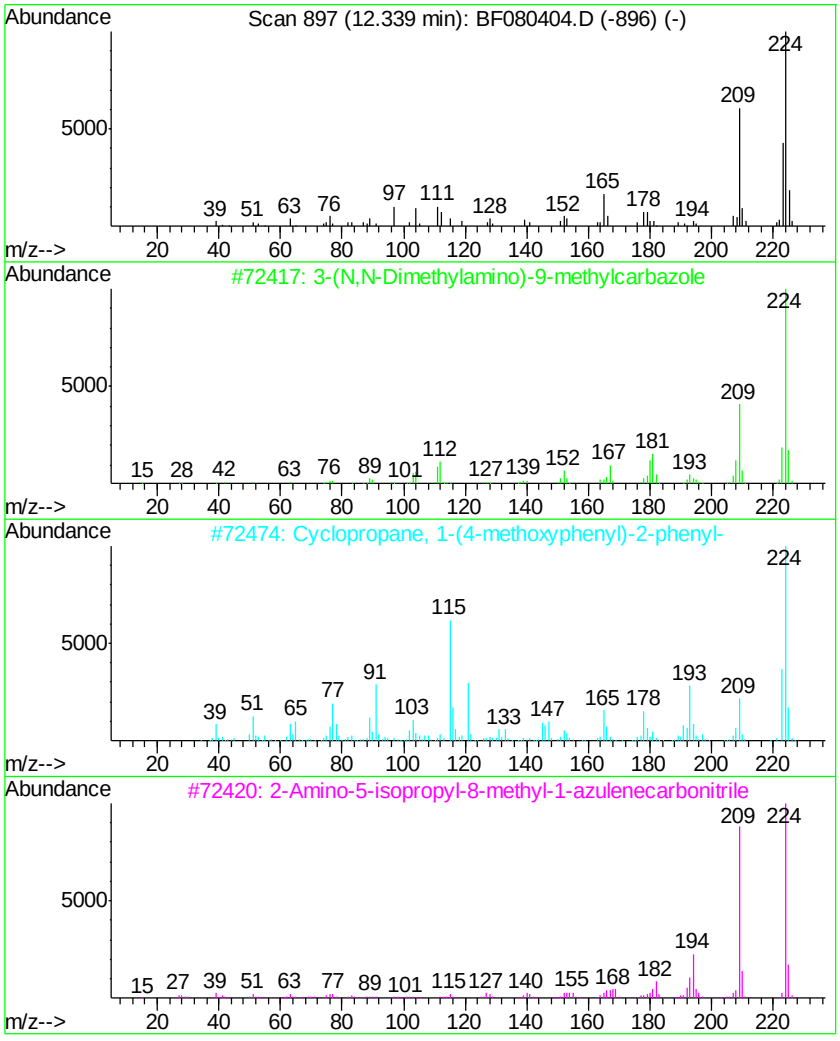
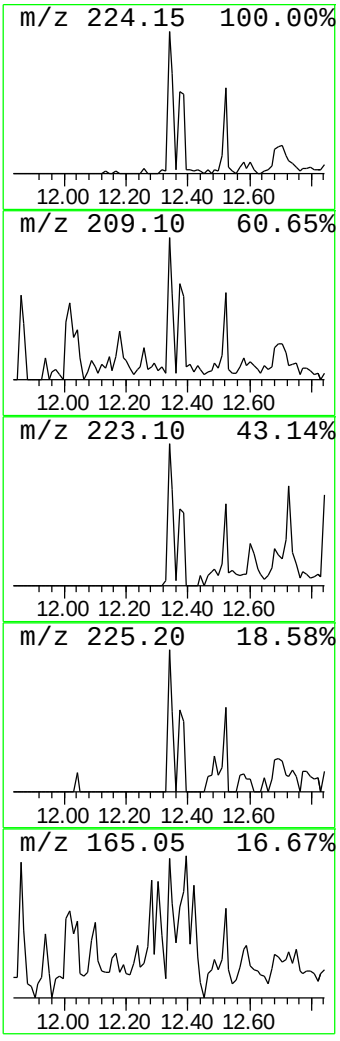
Peak Number 10 3-(N,N-Dimethylamino)-9-met... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	3.96 ng	99699	Phenanthrene-d10	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(N,N-Dimethylamino)-9-methylca...	224	C15H16N2	094127-15-8	64
2	Cyclopropane, 1-(4-methoxyphenyl...	224	C16H16O	117954-06-0	53
3	2-Amino-5-isopropyl-8-methyl-1-a...	224	C15H16N2	093946-48-6	50
4	1H-Purine-2,6-dione, 3,7-dihydro...	224	C9H12N4O3	000569-34-6	50
5	1-Methoxy-6-methylphenazine	224	C14H12N2O	014031-06-2	49





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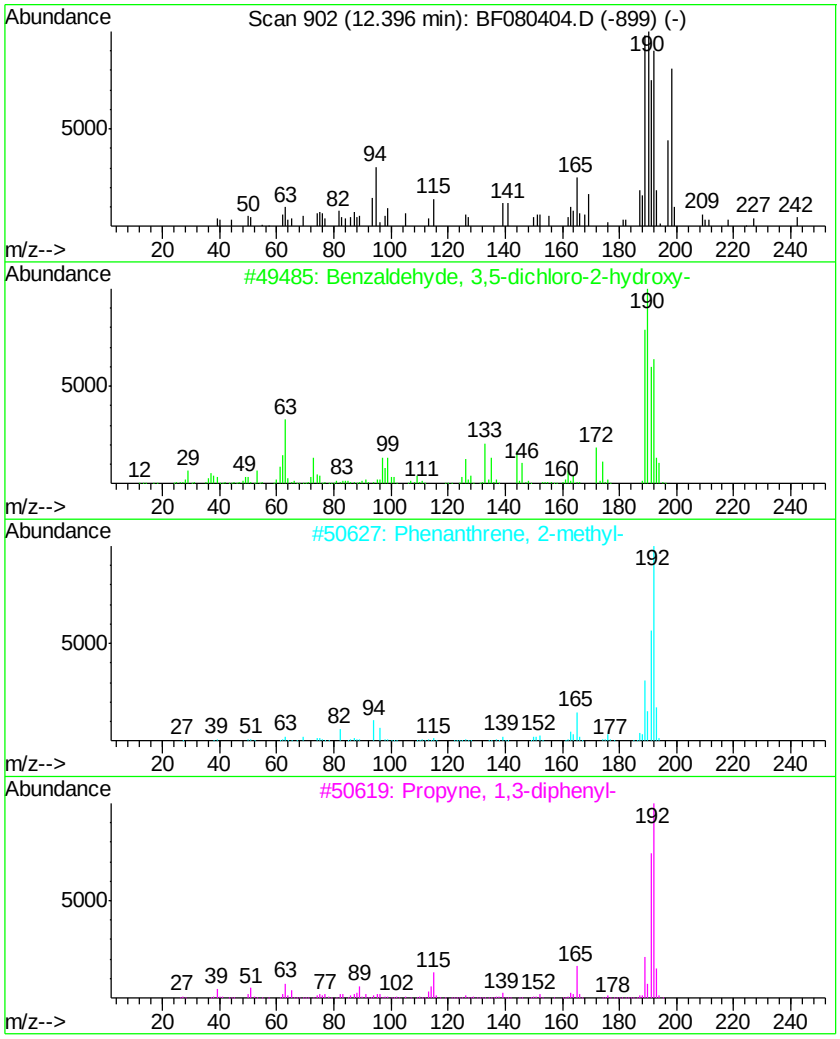
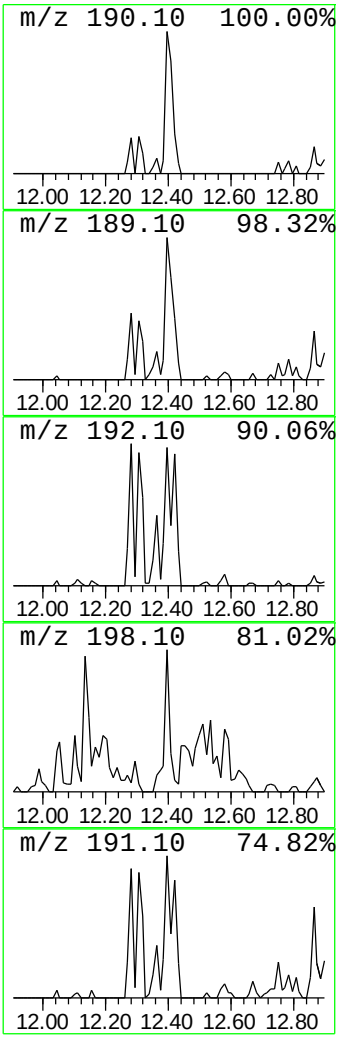
Peak Number 11 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	6.75 ng	169829	Phenanthrene-d10	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	52
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	42
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	38
4	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	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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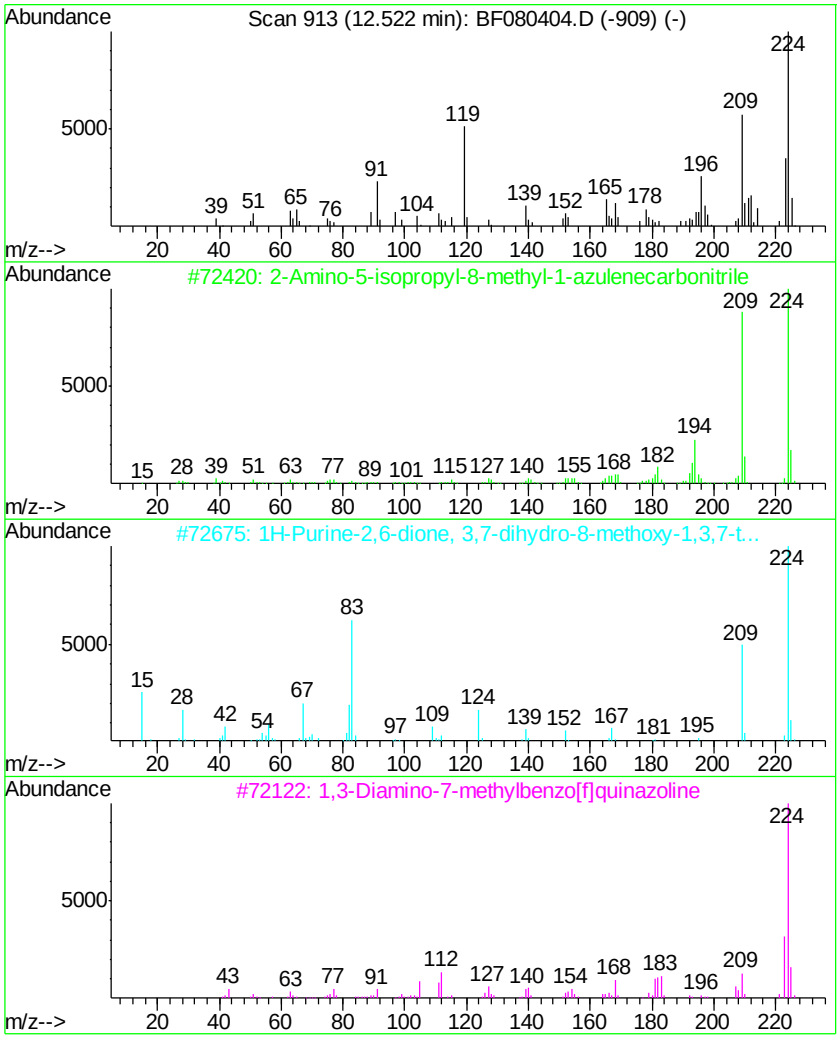
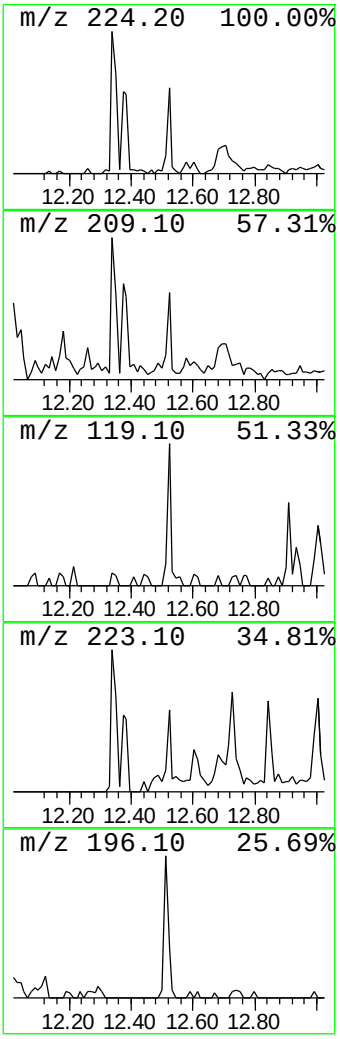
Peak Number 12 unknown12.52 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	4.81 ng	120933	Phenanthrene-d10	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-5-isopropyl-8-methyl-1-a...	224	C15H16N2	093946-48-6	46
2	1H-Purine-2,6-dione, 3,7-dihydro...	224	C9H12N4O3	000569-34-6	43
3	1,3-Diamino-7-methylbenzo[f]quin...	224	C13H12N4	037521-46-3	38
4	9,10-Anthracenedione, 1-hydroxy-	224	C14H8O3	000129-43-1	38
5	Cyclopropane, 1-(4-methoxyphenyl...	224	C16H16O	117954-06-0	35





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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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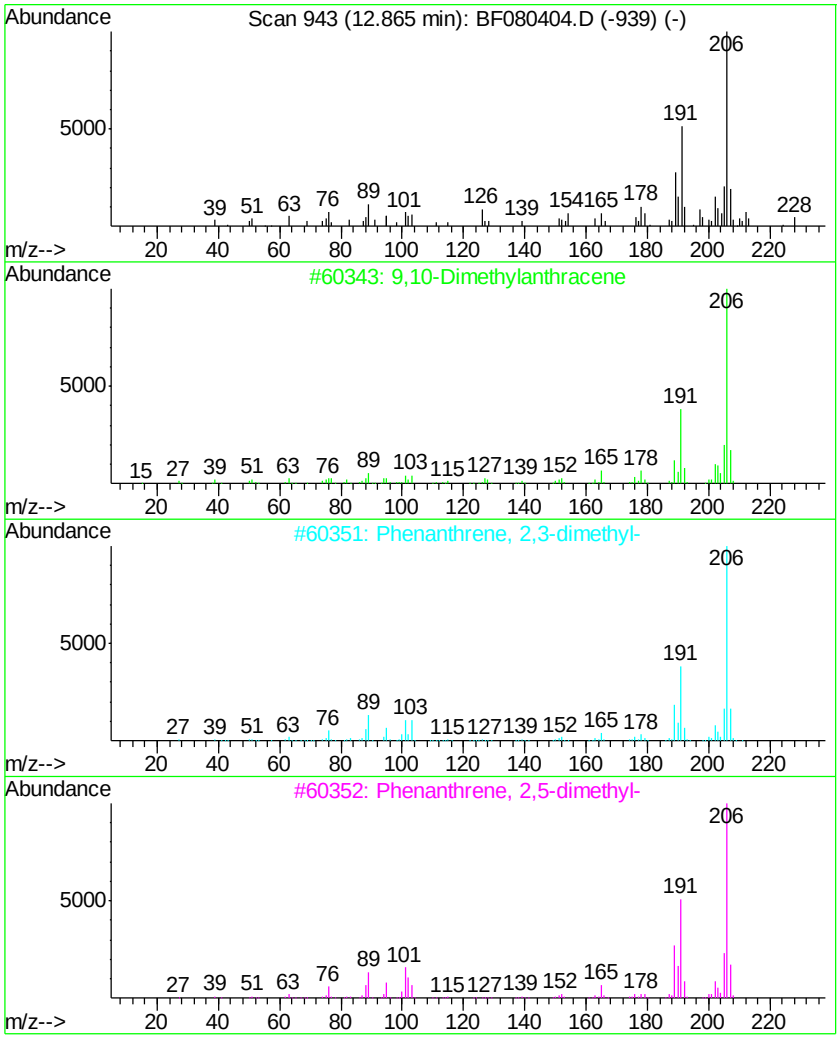
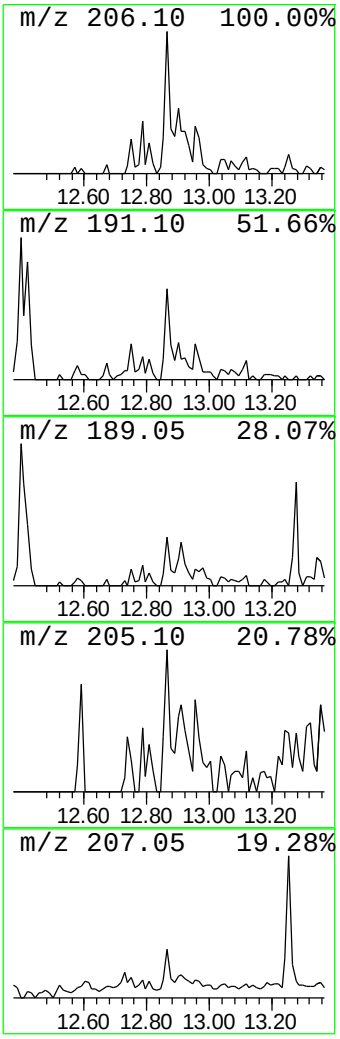
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	4.46 ng	112247	Phenanthrene-d10	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90





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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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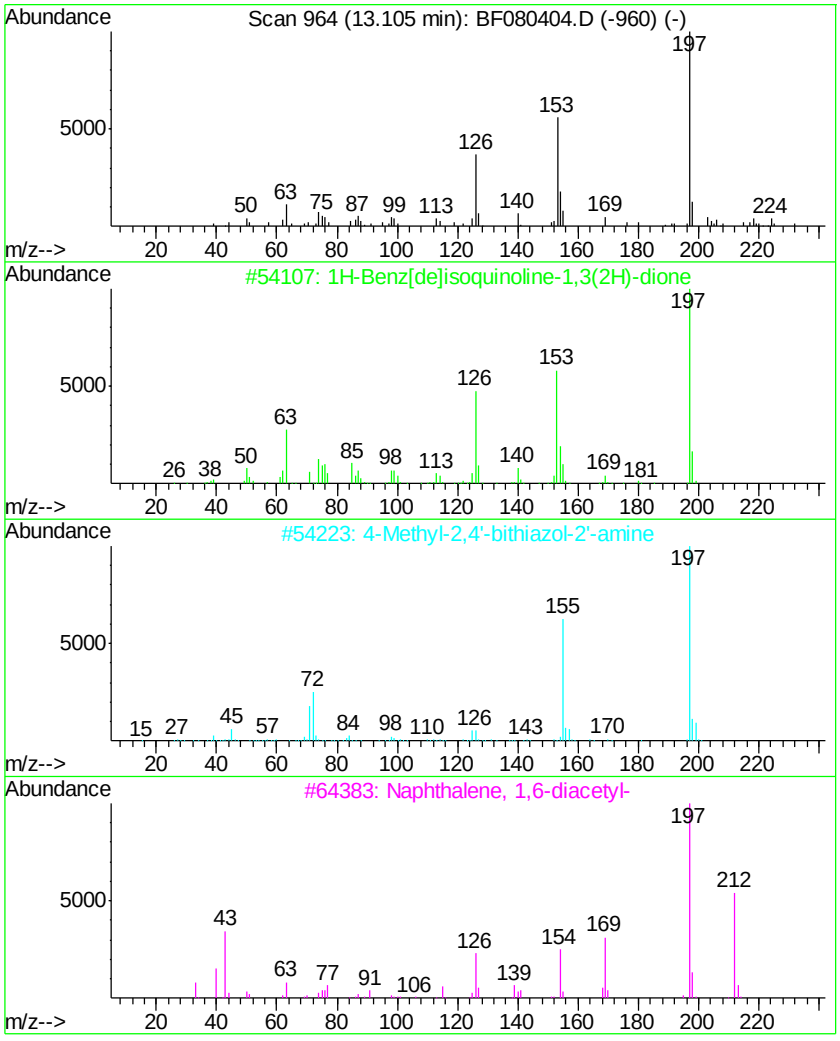
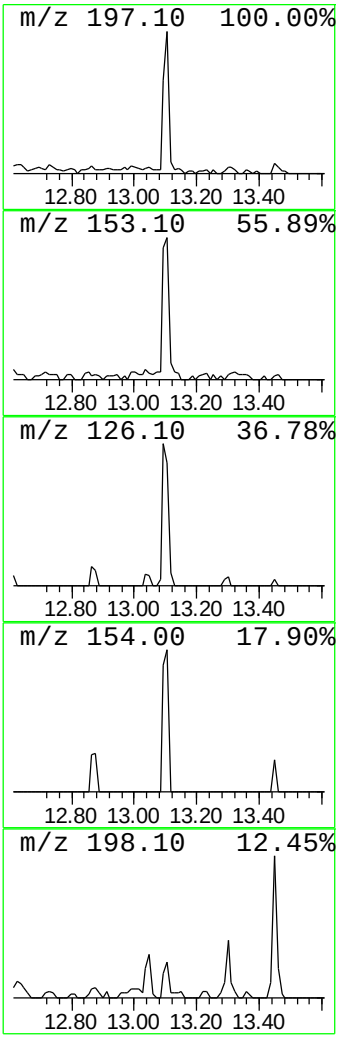
Peak Number 14 1H-Benz[de]isoquinoline-1,3... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	9.41 ng	236700	Phenanthrene-d10	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benz[de]isoquinoline-1,3(2H)-...	197	C12H7NO2	000081-83-4	94
2	4-Methyl-2,4'-bithiazol-2'-amine	197	C7H7N3S2	007520-82-3	43
3	Naphthalene, 1,6-diacetyl-	212	C14H12O2	010060-34-1	38
4	5-Methoxy-2-nitrobenzoic acid	197	C8H7NO5	001882-69-5	38
5	Terephthalonitrile, 2-amino-3,5,...	197	C8H2F3N3	133622-66-9	38





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Sample : G2750-09
Misc :
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Instrument : BNA_F
ClientSampleId : CF-1

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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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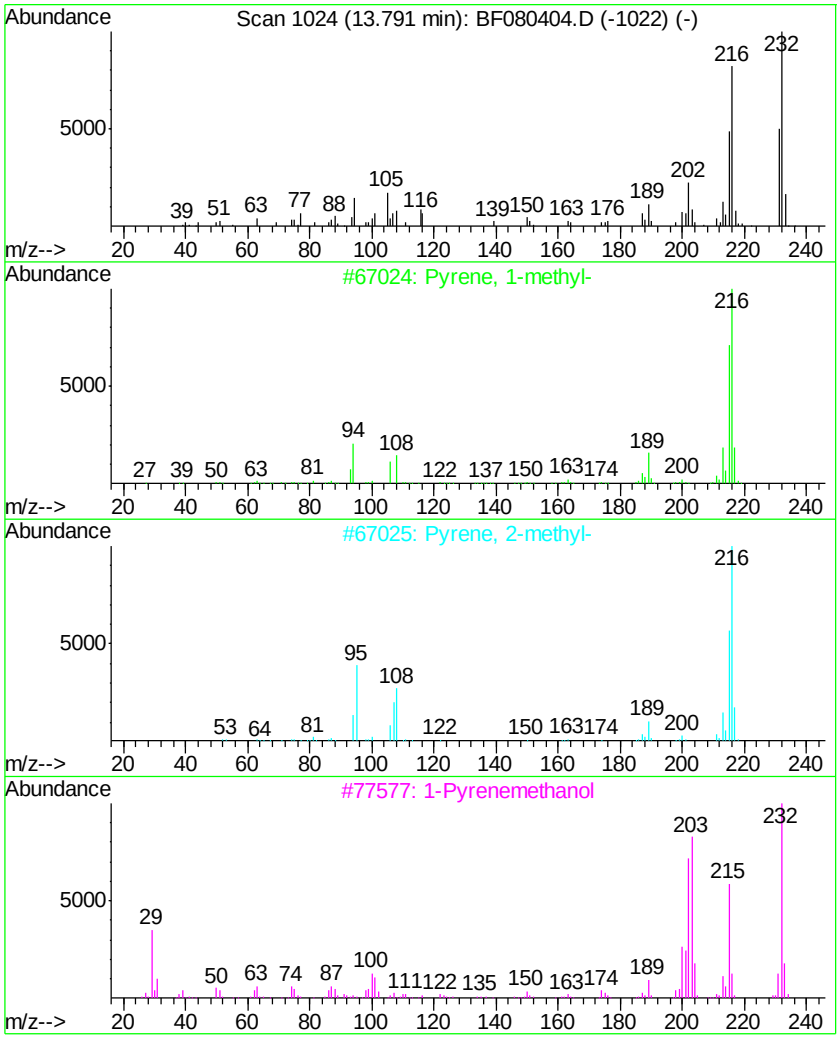
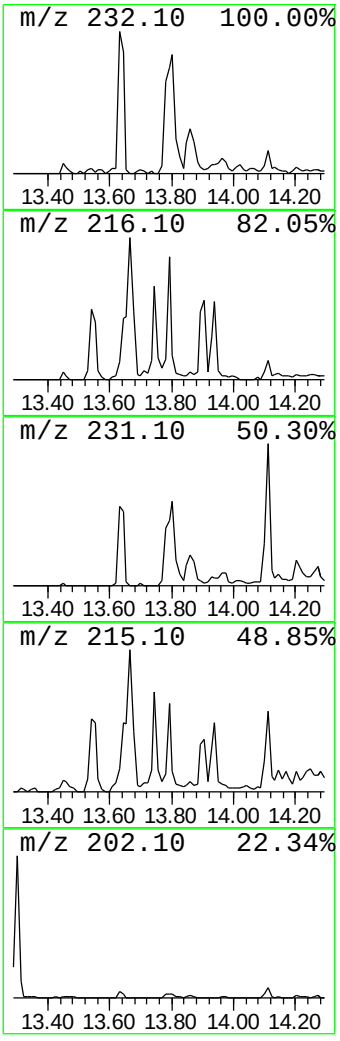
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	4.24 ng	196651	Chrysene-d12	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
3	1-Pyrenemethanol	232	C17H12O	024463-15-8	46
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	42
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	38





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Misc :
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Instrument : BNA_F
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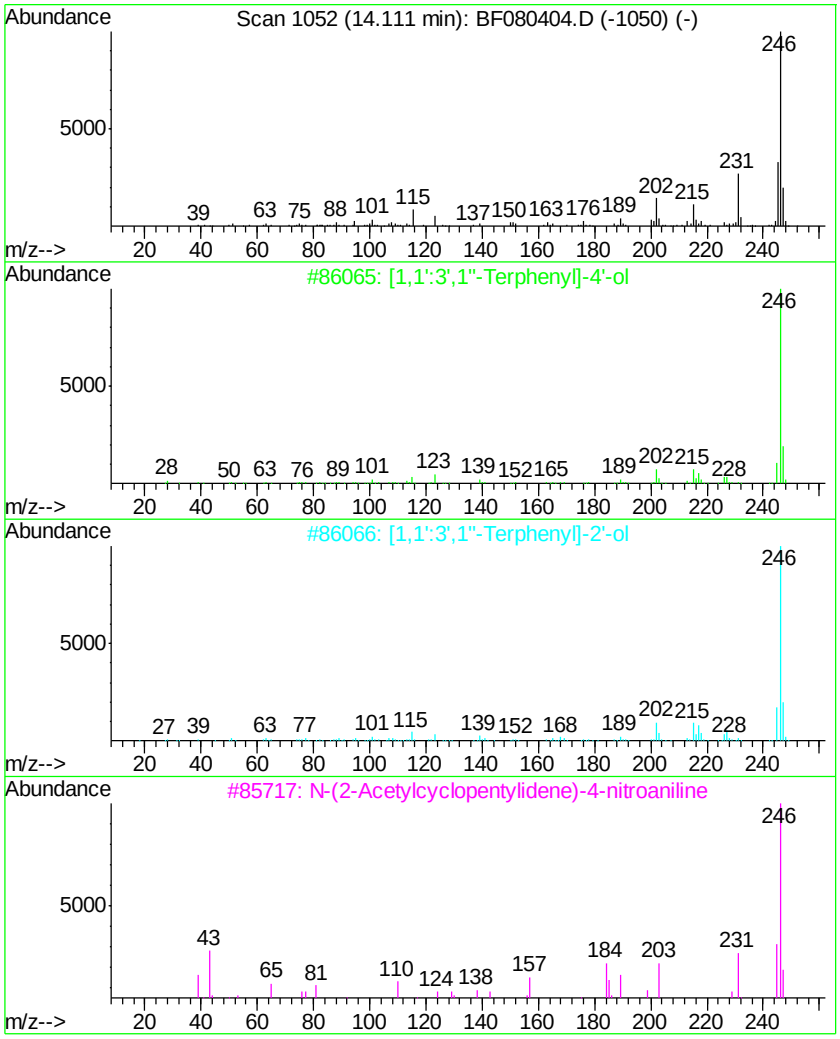
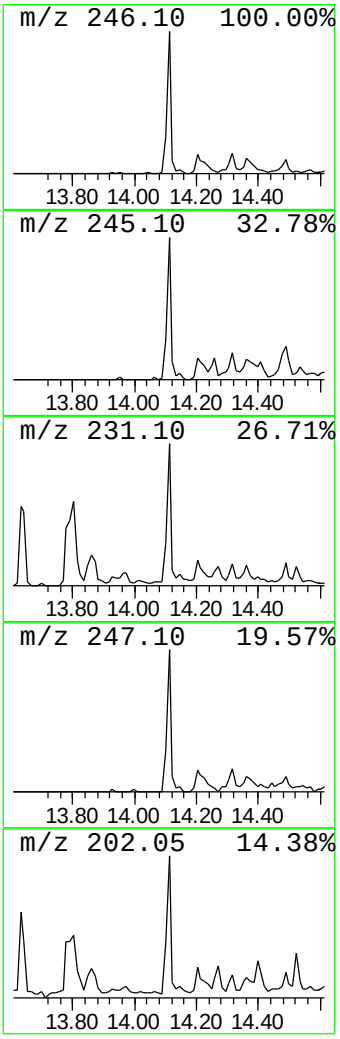
Peak Number 16 [1,1':3',1''-Terphenyl]-4'-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	5.50 ng	255058	Chrysene-d12	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1':3',1''-Terphenyl]-4'-ol	246	C18H14O	006093-03-4	89
2	[1,1':3',1''-Terphenyl]-2'-ol	246	C18H14O	002432-11-3	76
3	N-(2-Acetylcyclopentylidene)-4-n...	246	C13H14N2O3	1000100-48-7	72
4	1H-Inden-1-one, 2-(2,3-dihydro-1...	246	C18H14O	005706-06-9	64
5	7,8-Dimethoxy-3,4-dihydro-2H-dib...	246	C14H14O4	095338-51-5	59





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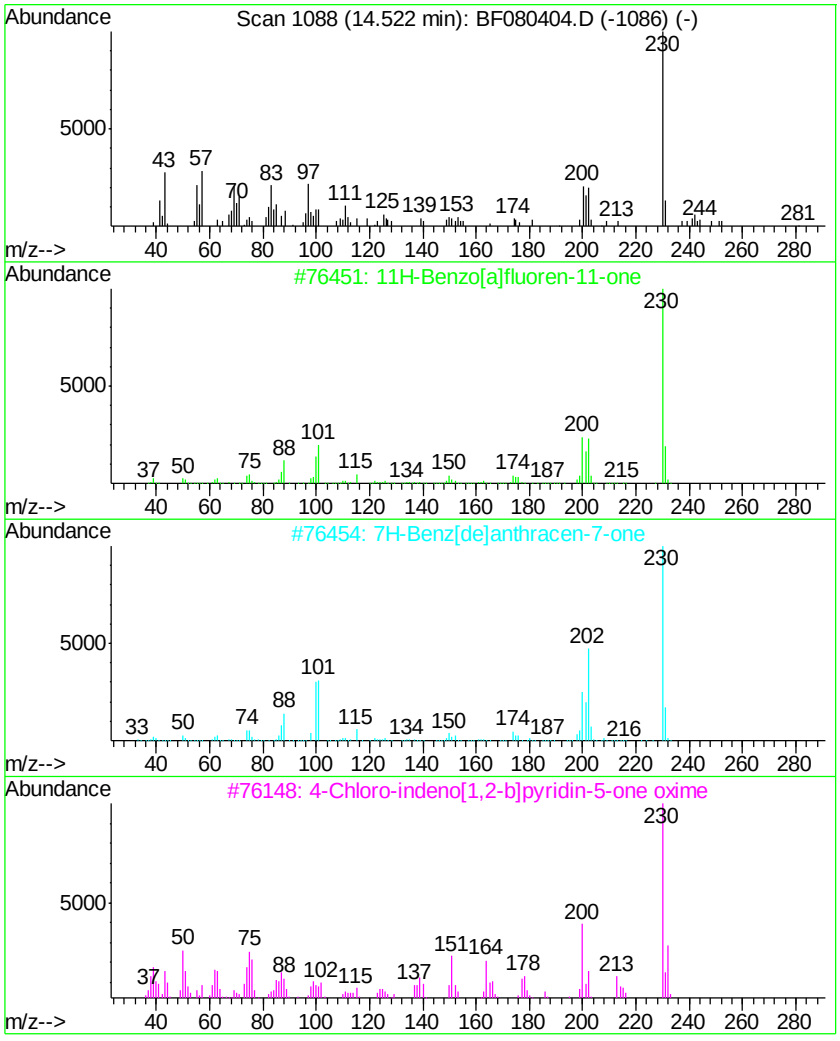
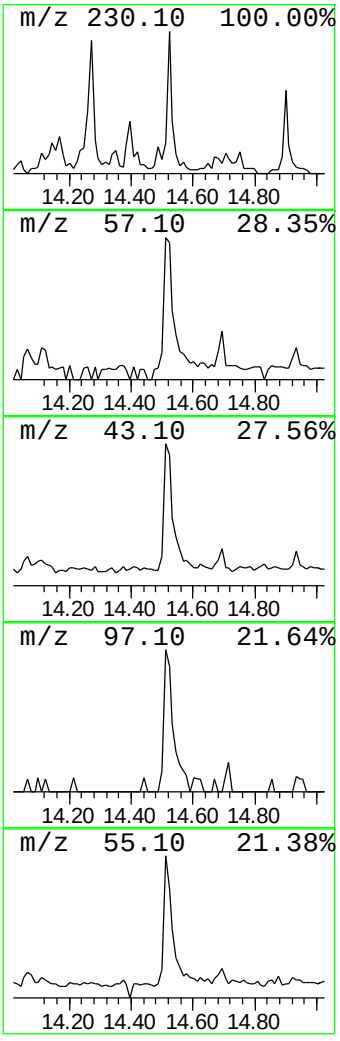
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	4.34 ng	201065	Chrysene-d12	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
3	4-Chloro-indeno[1,2-b]pyridin-5-...	230	C12H7ClN2O	1000294-18-6	47
4	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	43
5	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	43





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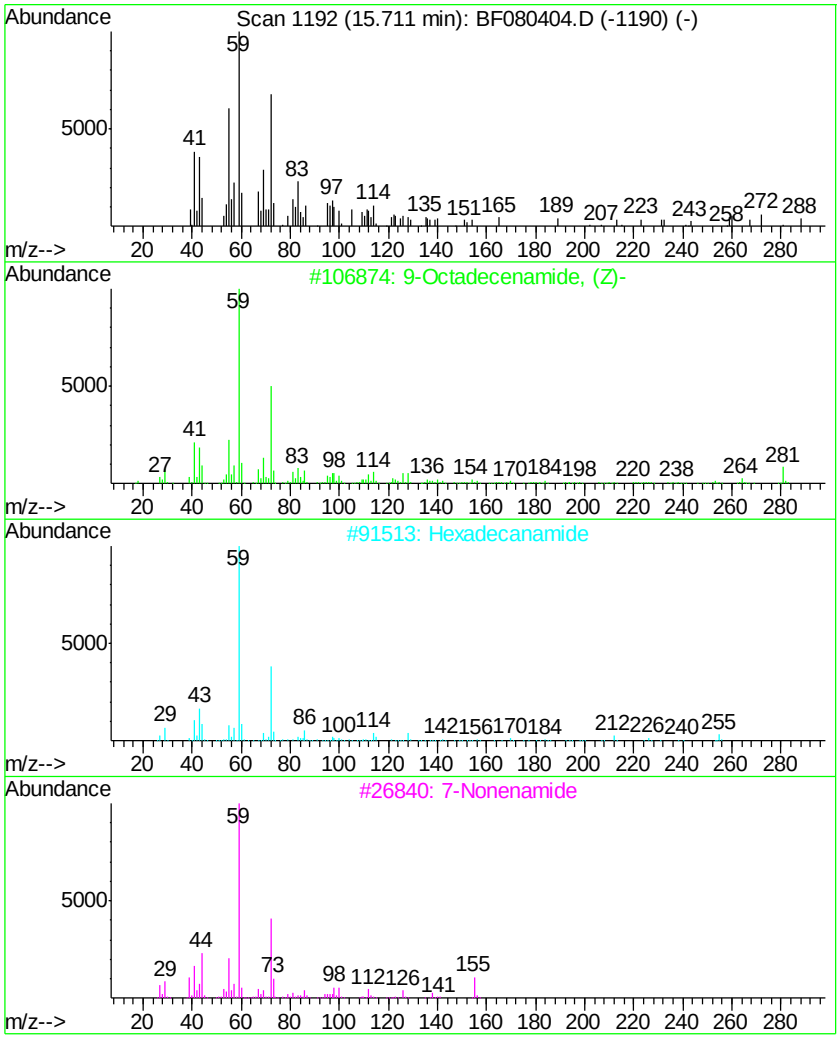
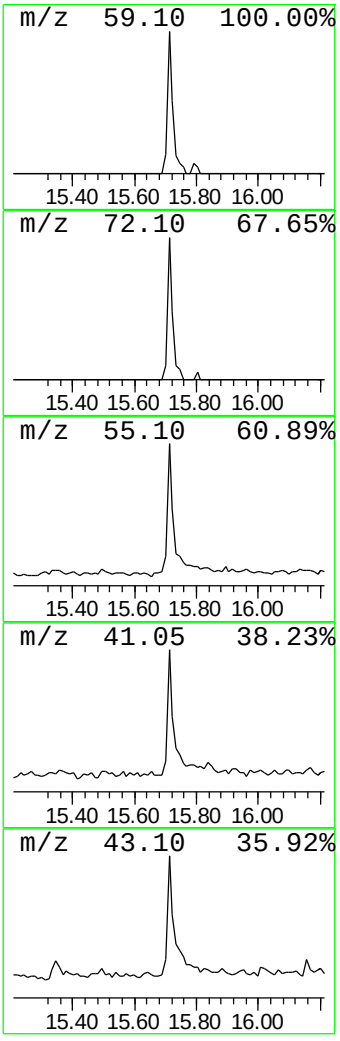
Peak Number 18 9-Octadecenamide, (Z)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	3.45 ng	79216	Perylene-d12	16.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
2	Hexadecanamide	255	C16H33NO	000629-54-9	59
3	7-Nonenamide	155	C9H17NO	090949-53-4	53
4	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	53
5	Octadecanamide	283	C18H37NO	000124-26-5	53





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ClientSampleId : CF-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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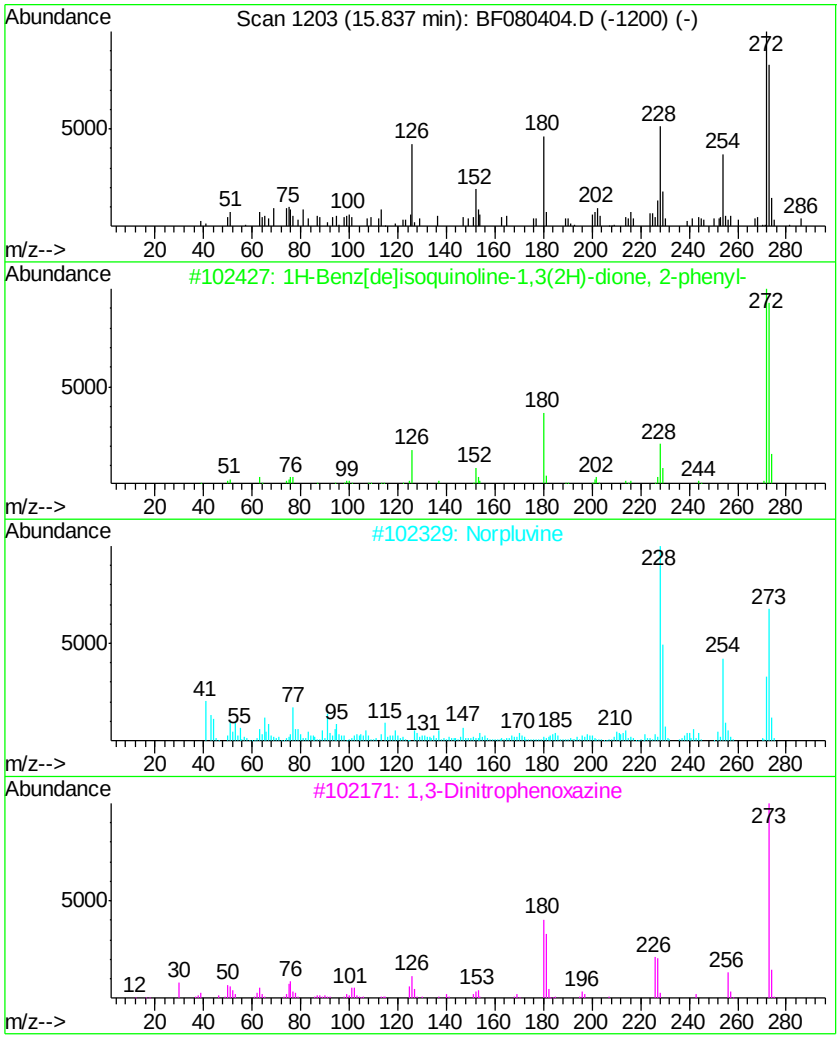
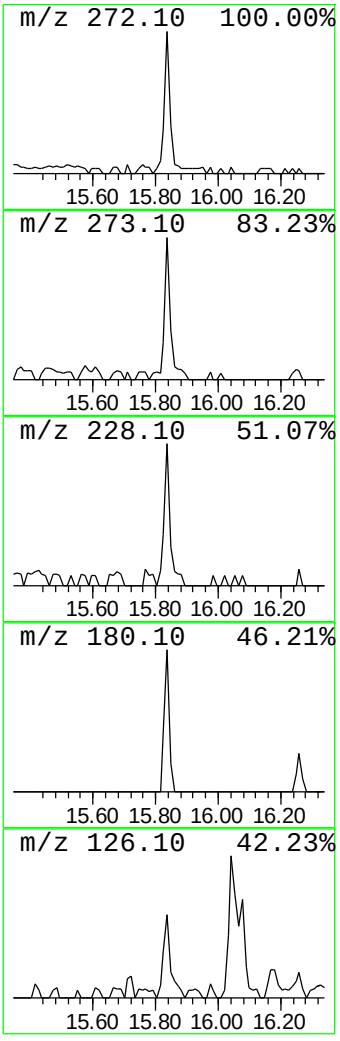
Peak Number 19 unknown15.84 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	5.21 ng	119800	Perylene-d12	16.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benz[de]isoquinoline-1,3(2H)-...	273	C18H11NO2	006914-98-3	86
2	Norpluvine	273	C16H19NO3	000517-99-7	35
3	1,3-Dinitrophenoxazine	273	C12H7N3O5	026103-32-2	30
4	N-(2,4-Dinitrophenyl)-O-toluidine	273	C13H11N3O4	000964-75-0	27
5	4-Methyl-2',4'-dinitrodiphenylamine	273	C13H11N3O4	001033-01-8	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070915\
Data File : BF080404.D
Acq On : 9 Jul 2015 17:02
Operator : TP/UM
Sample : G2750-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

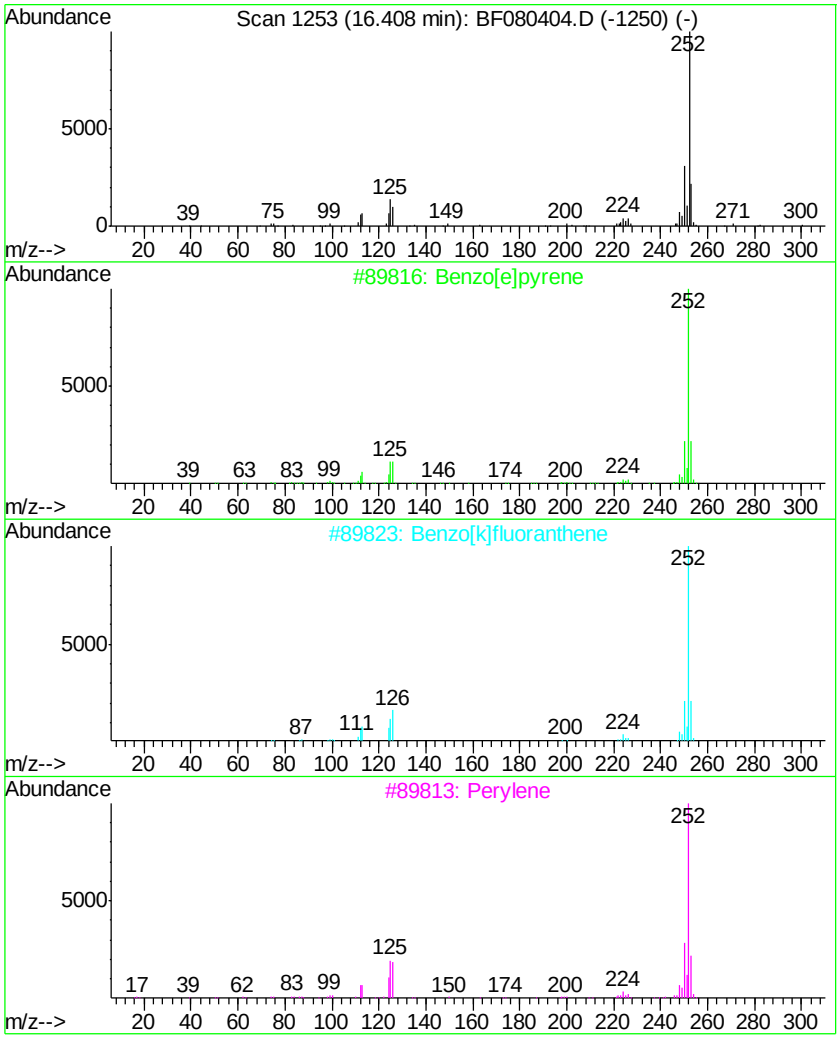
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

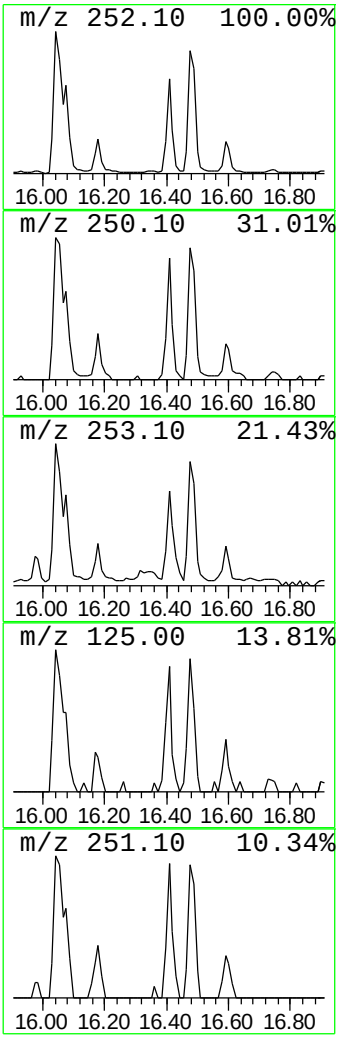
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	5.40 ng	124082	Perylene-d12	16.56

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	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070915\
Data File : BF080404.D
Acq On : 9 Jul 2015 17:02
Operator : TP/UM
Sample : G2750-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.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...	2.37	20.1	ng	227310	1	7.20	226367	20.0
2-Pentanone, 4-hy...	5.40	24.5	ng	277363	1	7.20	226367	20.0
unknown6.97	6.97	80.3	ng	909440	1	7.20	226367	20.0
2-Naphthalenecarb...	10.32	3.5	ng	67758	3	10.26	391039	20.0
2-Naphthalenol	10.40	6.0	ng	117832	3	10.26	391039	20.0
2(1H)-Quinolinone	11.26	5.5	ng	138199	4	11.76	503035	20.0
[1,1'-Biphenyl]-3-ol	11.32	3.9	ng	97319	4	11.76	503035	20.0
3-(N,N-Dimethylam...	12.34	4.0	ng	99699	4	11.76	503035	20.0
Benzaldehyde, 3,5...	12.40	6.8	ng	169829	4	11.76	503035	20.0
unknown12.52	12.52	4.8	ng	120933	4	11.76	503035	20.0
9,10-Dimethylanth...	12.87	4.5	ng	112247	4	11.76	503035	20.0
1H-Benz[de]isoqui...	13.11	9.4	ng	236700	4	11.76	503035	20.0
Pyrene, 1-methyl-	13.79	4.2	ng	196651	5	14.72	926650	20.0
[1,1':3',1''-Terp...	14.11	5.5	ng	255058	5	14.72	926650	20.0
11H-Benzo[a]fluor...	14.52	4.3	ng	201065	5	14.72	926650	20.0
9-Octadecenamide,...	15.71	3.5	ng	79216	6	16.56	459826	20.0
unknown15.84	15.84	5.2	ng	119800	6	16.56	459826	20.0
Benzo[e]pyrene	16.41	5.4	ng	124082	6	16.56	459826	20.0