LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080664.D
Acq On : 25 Jul 2015 11:47
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

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-BF072415.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	5.093	260	263	269	rVV	55728	68602	2.39%	0.299%
2	5.184	269	271	274	rVB	69613	75363	2.62%	0.328%
3	5.504	297	299	302	rVB	162642	158290	5.51%	0.689%
4	6.533	387	389	392	rBV	127747	178891	6.23%	0.779%
5	6.590	392	394	401	rVV	16007	30545	1.06%	0.133%
6	6.693	401	403	405	rVV	171604	174919	6.09%	0.761%
7	6.933	421	424	426	rBV	307365	308534	10.75%	1.343%
8	7.082	435	437	440	rVB	160992	168389	5.86%	0.733%
9	7.482	470	472	476	rBV2	89723	186687	6.50%	0.813%
10	8.213	534	536	539	rBV	352059	366241	12.75%	1.594%
11	8.556	564	566	569	rBV	24040	40358	1.41%	0.176%
12	9.173	618	620	625	rBV	89377	80913	2.82%	0.352%
13	9.288	628	630	633	rVB	252062	251320	8.75%	1.094%
14	9.379	633	638	642	rBV3	9648	31271	1.09%	0.136%
15	9.505	647	649	651	rVB	59746	78219	2.72%	0.340%
16	9.688	663	665	668	rBV2	41008	56037	1.95%	0.244%
17	9.745	668	670	671	rBV	77911	57129	1.99%	0.249%
18	9.790	673	674	676	rBV2	50253	51350	1.79%	0.224%
19	9.973	687	690	692	rBV	495642	429748	14.97%	1.871%
20	10.179	705	708	710	rBV	71934	87915	3.06%	0.383%
21	10.419	727	729	732	rVB2	32760	38667	1.35%	0.168%
22	10.671	749	751	753	rVB	39048	35731	1.24%	0.156%
23	10.751	757	758	761	rVV2	29929	38371	1.34%	0.167%
24	10.888	768	770	776	rVV4	14402	43061	1.50%	0.187%
25	10.968	776	777	779	rVB2	37664	33040	1.15%	0.144%
26	11.231	799	800	802	rBV	42546	53762	1.87%	0.234%
27	11.333	805	809	810	rBV2	23082	39805	1.39%	0.173%
28	11.356	810	811	815	rVB2	23678	33556	1.17%	0.146%
29	11.459	817	820	821	rBV	483526	425686	14.82%	1.853%
30	11.528	825	826	828	rVB	37967	43412	1.51%	0.189%
31	11.665	836	838	839	rBV	65757	53865	1.88%	0.234%
32	11.996	865	867	869	rVB	39961	45300	1.58%	0.197%
33	12.076	872	874	878	rVB2	51325	78775	2.74%	0.343%
34	12.202	882	885	886	rVB	81842	117638	4.10%	0.512%

LSC Area Percent Report

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Acq On : 25 Jul 2015 11:47
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

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-BF072415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.294	890	893	895	rVV	1354198	1347628	46.93%	5.866%
36	12.351	896	898	901	rVB	54776	59404	2.07%	0.259%
37	12.408	901	903	906	rBV	262888	291689	10.16%	1.270%
38	12.614	919	921	924	rVB3	68772	111353	3.88%	0.485%
39	12.705	926	929	930	rBV	345428	412370	14.36%	1.795%
40	12.739	930	932	933	rVV2	22687	36905	1.29%	0.161%
41	12.774	933	935	937	rVV	101817	98798	3.44%	0.430%
42	12.842	939	941	946	rBV3	16989	43279	1.51%	0.188%
43	12.945	946	950	952	rBV	382764	437609	15.24%	1.905%
44	13.014	954	956	957	rVV	43880	42824	1.49%	0.186%
45	13.059	957	960	962	rVV2	64919	91576	3.19%	0.399%
46	13.105	962	964	968	rVB	304730	335189	11.67%	1.459%
47	13.185	968	971	972	rBV2	27390	48263	1.68%	0.210%
48	13.231	973	975	978	rVV2	135253	225966	7.87%	0.984%
49	13.299	980	981	983	rVB	42231	54292	1.89%	0.236%
50	13.379	986	988	989	rVV2	40366	35720	1.24%	0.155%
51	13.425	989	992	996	rVV3	39349	86235	3.00%	0.375%
52	13.494	996	998	999	rBV	34852	36781	1.28%	0.160%
53	13.517	999	1000	1002	rVB	28043	37725	1.31%	0.164%
54	13.562	1002	1004	1005	rBV2	29874	32066	1.12%	0.140%
55	13.654	1011	1012	1015	rVB	35782	46062	1.60%	0.201%
56	13.722	1015	1018	1020	rBV2	106575	150720	5.25%	0.656%
57	13.791	1020	1024	1027	rVV	94000	168548	5.87%	0.734%
58	13.882	1030	1032	1033	rBV	29950	40549	1.41%	0.177%
59	13.917	1033	1035	1037	rVB2	78590	106782	3.72%	0.465%
60	14.008	1041	1043	1045	rBV	54197	89039	3.10%	0.388%
61	14.077	1047	1049	1051	rVV2	185948	213304	7.43%	0.929%
62	14.122	1051	1053	1054	rVV2	45541	63884	2.22%	0.278%
63	14.157	1054	1056	1059	rVB2	160470	220201	7.67%	0.959%
64	14.305	1066	1069	1071	rBV2	503571	836291	29.12%	3.640%
65	14.488	1082	1085	1087	rBV	1397426	1529182	53.26%	6.657%
66	14.682	1099	1102	1104	rBV	405770	552837	19.25%	2.407%
67	14.865	1117	1118	1121	rVB3	103105	142985	4.98%	0.622%
68	14.945	1123	1125	1127	rBV2	44850	75798	2.64%	0.330%
69	15.402	1163	1165	1169	rVB	305192	371405	12.93%	1.617%
70	15.585	1178	1181	1183	rBV	206567	372475	12.97%	1.621%
71	15.688	1188	1190	1194	rVB3	90257	146612	5.11%	0.638%

LSC Area Percent Report

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Data File : BF080664.D
Acq On : 25 Jul 2015 11:47
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

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-BF072415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.791	1196	1199	1204	rVV2	671860	1046277	36.44%	4.555%
73	15.917	1208	1210	1213	rVB	147309	195255	6.80%	0.850%
74	15.985	1213	1216	1218	rBV	486181	745283	25.96%	3.244%
75	16.043	1218	1221	1225	rVB	456719	676129	23.55%	2.943%
76	16.248	1235	1239	1241	rBV3	86779	228865	7.97%	0.996%
77	17.151	1314	1318	1325	rVB3	107192	359351	12.51%	1.564%
78	17.265	1325	1328	1330	rVV	85870	173652	6.05%	0.756%
79	17.357	1333	1336	1342	rVB3	178810	393420	13.70%	1.713%
80	17.574	1351	1355	1359	rVB2	281862	654120	22.78%	2.847%
81	18.066	1393	1398	1405	rVB	1114998	2674483	93.14%	11.642%
82	18.831	1459	1465	1471	rVB2	1017726	2871407	100.00%	12.500%

Sum of corrected areas: 22971978

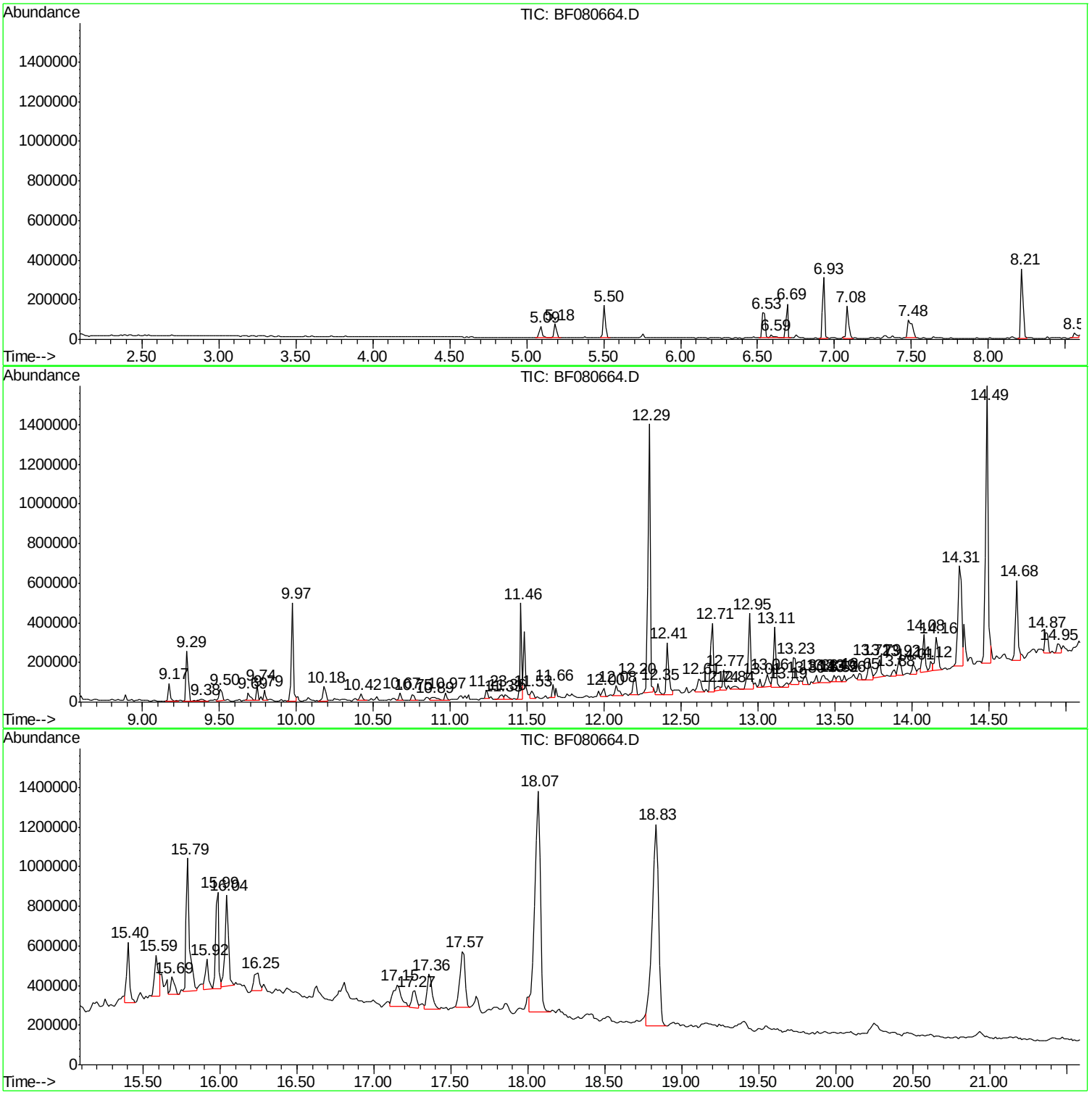
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080664.D
Acq On : 25 Jul 2015 11:47
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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\BF072415\
Data File : BF080664.D
Acq On : 25 Jul 2015 11:47
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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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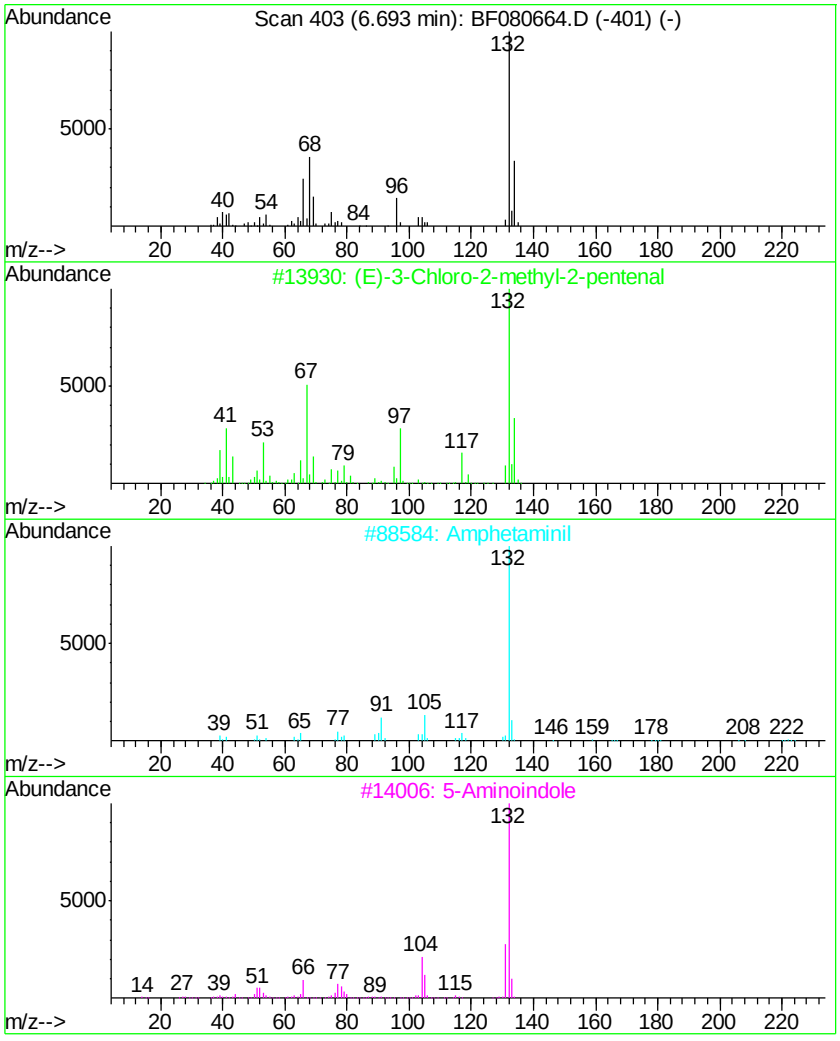
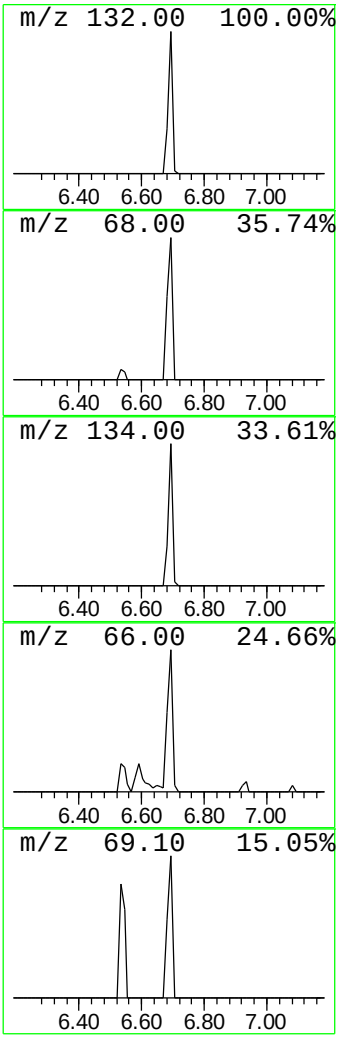
Peak Number 1 unknown6.69 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	11.34 ng	174919	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Amphetaminil	250	C17H18N2	017590-01-1	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080664.D
Acq On : 25 Jul 2015 11:47
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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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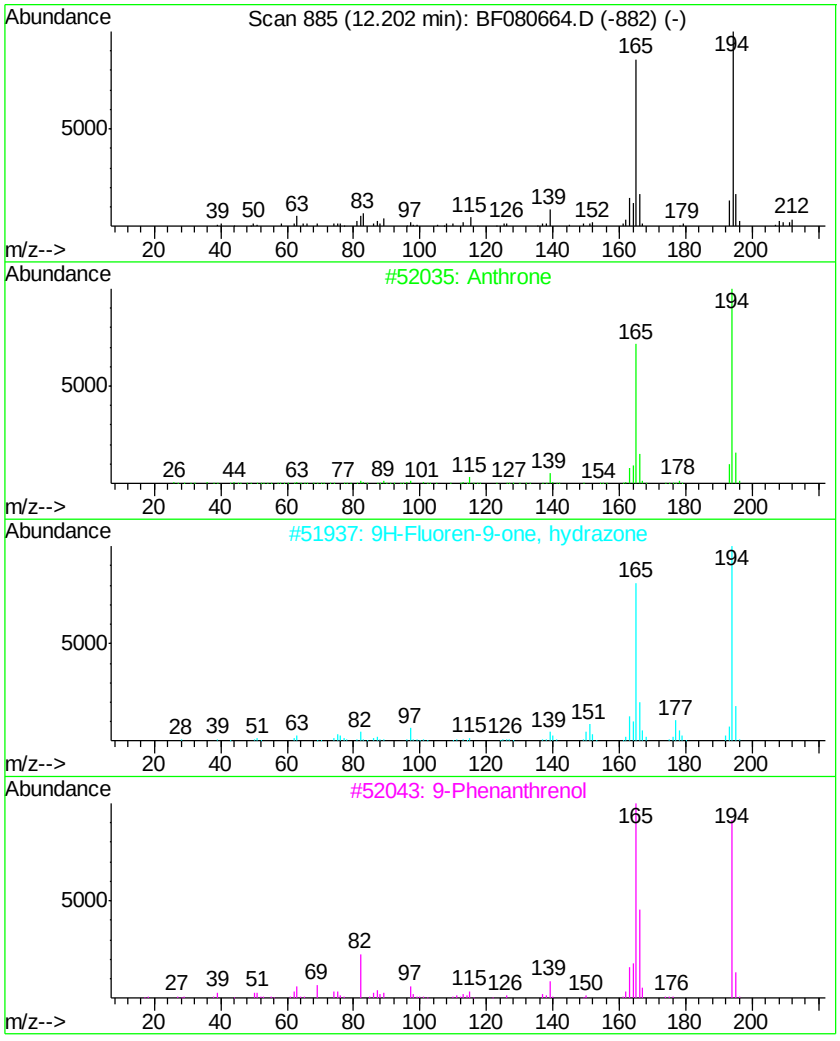
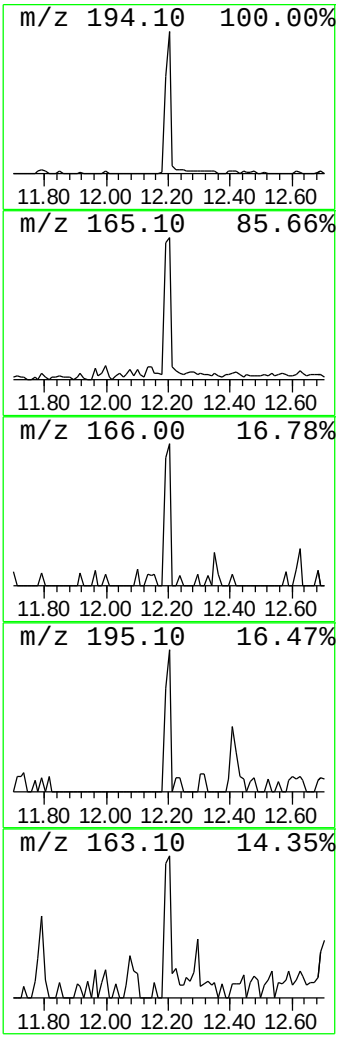
Peak Number 3 Anthrone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	5.53 ng	117638	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	95
2	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	91
3	9-Phenanthrenol	194	C14H10O	000484-17-3	87
4	Benzo[c]cinnoline, 4-methyl-	194	C13H10N2	019174-78-8	87
5	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080664.D
Acq On : 25 Jul 2015 11:47
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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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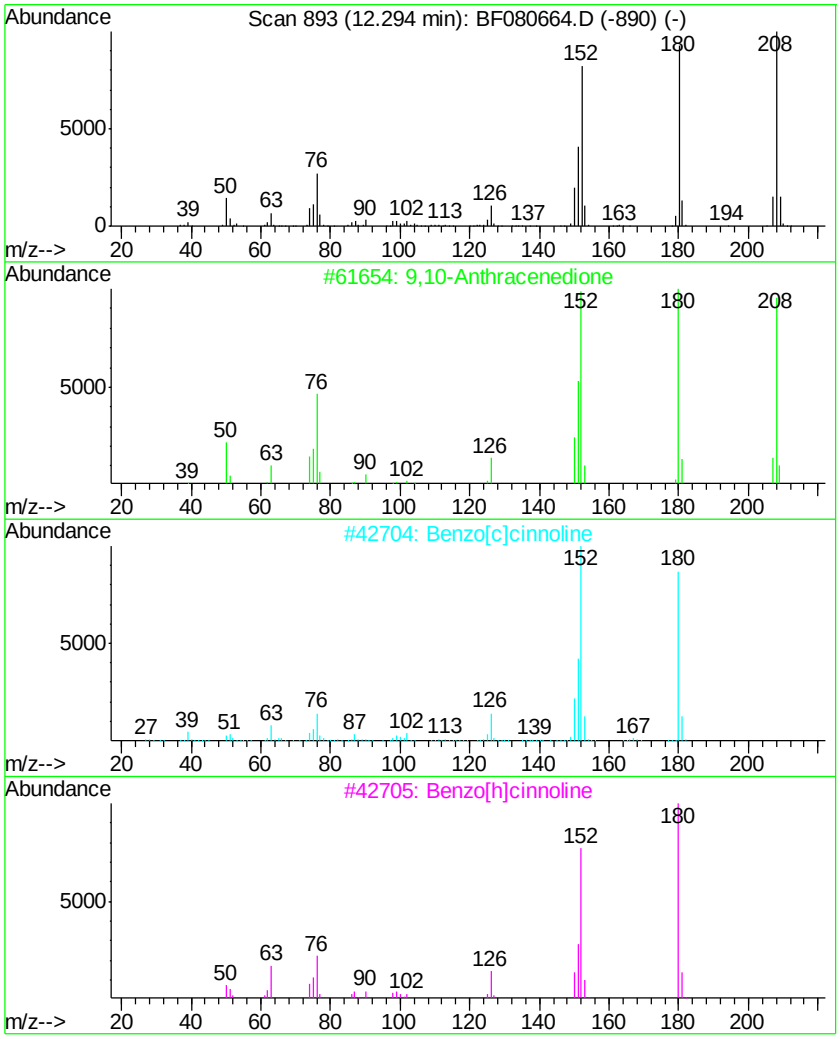
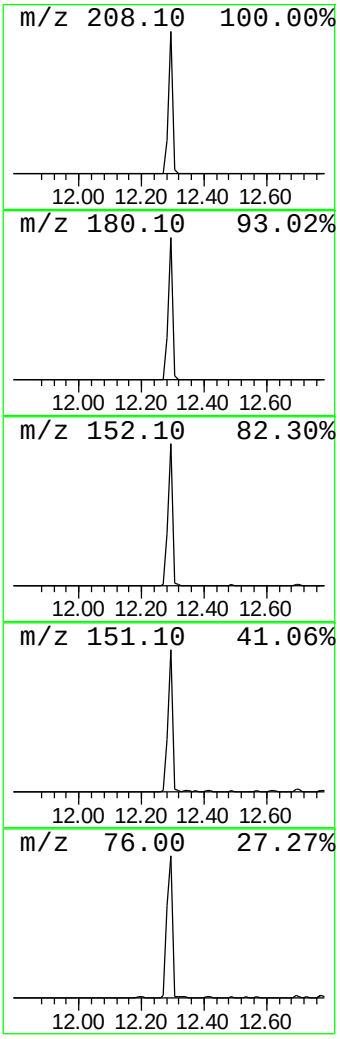
Peak Number 4 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	63.32 ng	1347630	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	62
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60





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Acq On : 25 Jul 2015 11:47
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Sample : G3054-01 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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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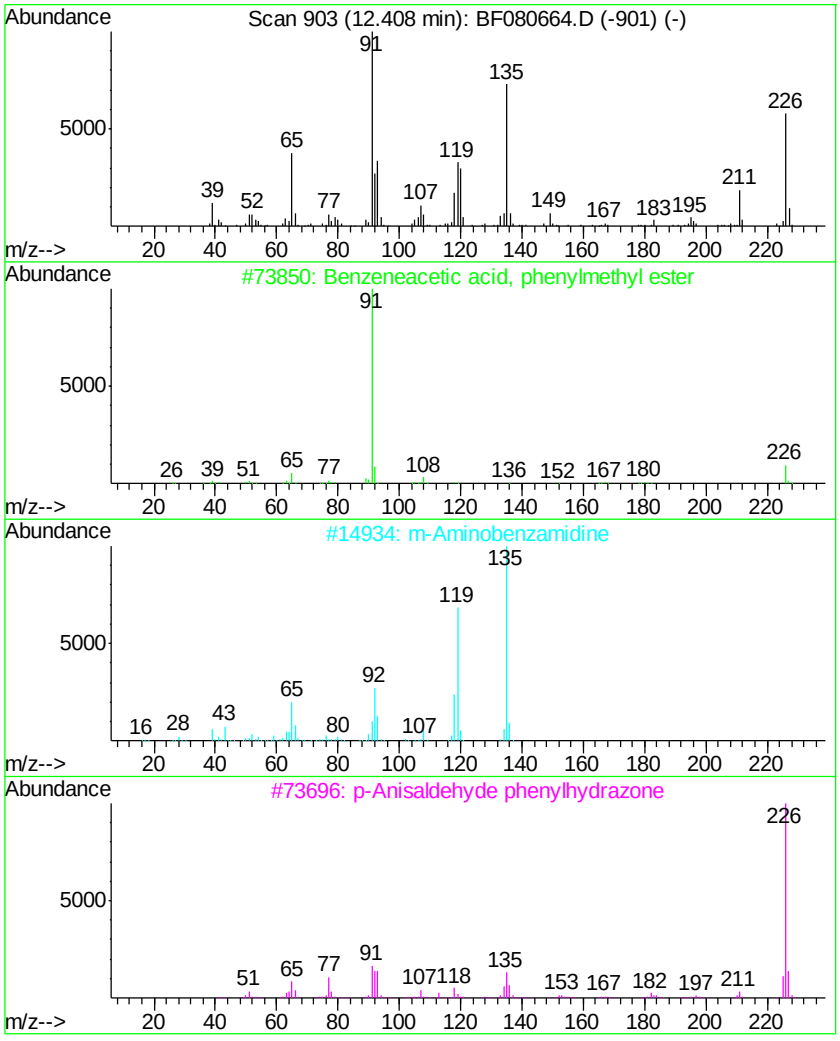
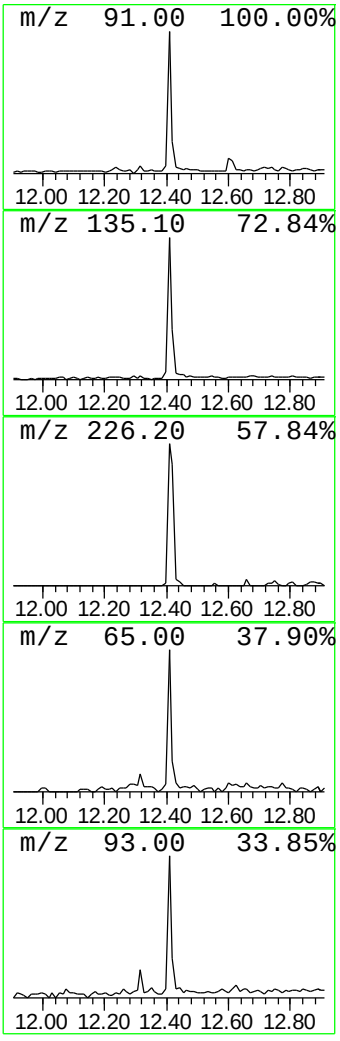
Peak Number 5 unknown12.41 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	13.70 ng	291689	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, phenylmethyl...	226	C15H14O2	000102-16-9	30
2	m-Aminobenzamidine	135	C7H9N3	003459-66-3	27
3	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	25
4	9H-Xanthen-9-one, 4-methoxy-	226	C14H10O3	006702-58-5	22
5	Benzoic acid, 3,4,5-trimethoxy-,...	226	C11H14O5	001916-07-0	22





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Acq On : 25 Jul 2015 11:47
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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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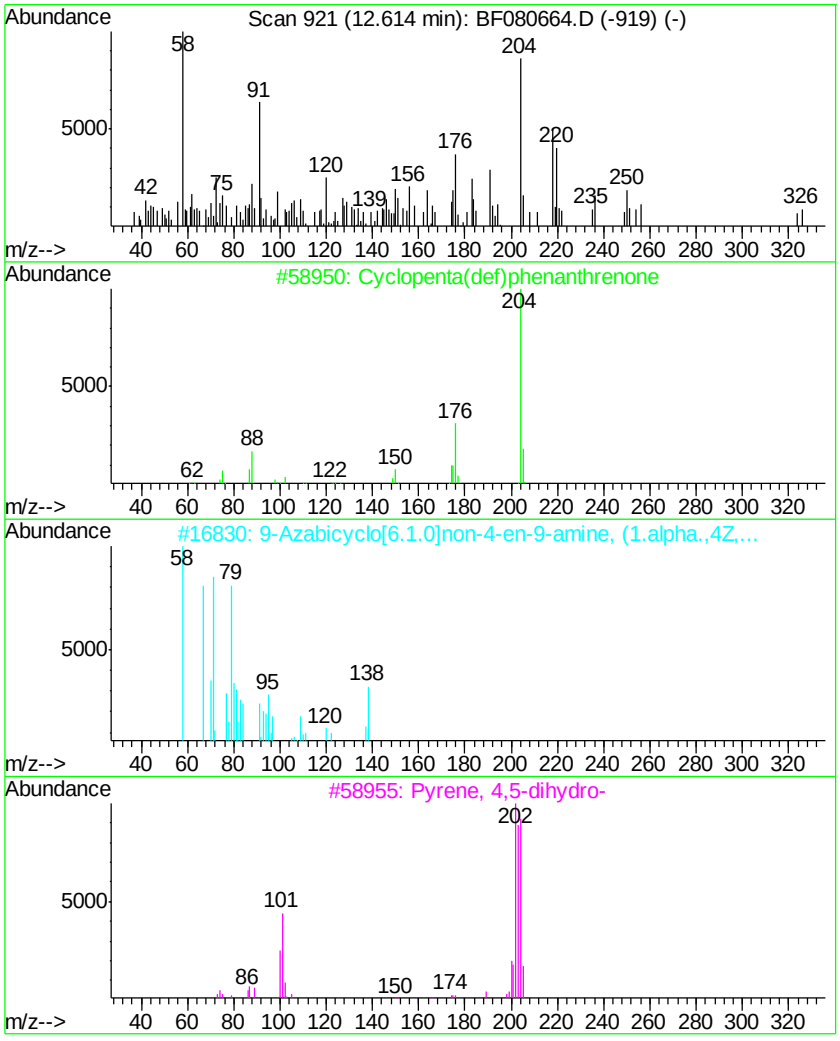
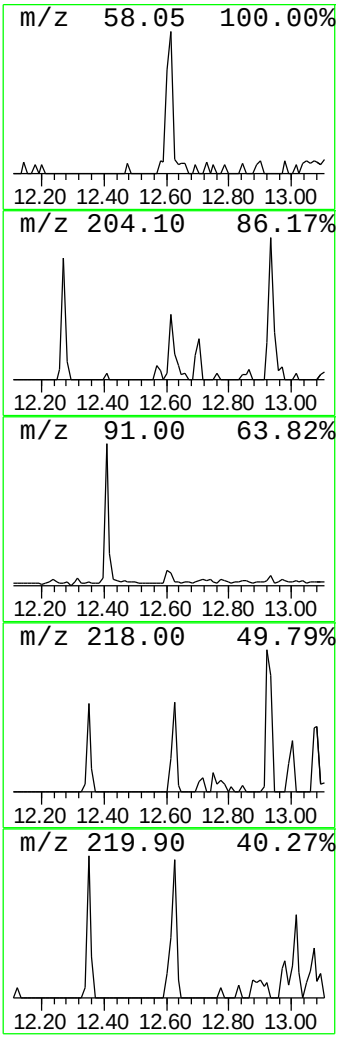
Peak Number 6 unknown12.61 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	5.23 ng	111353	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	35
2	9-Azabicyclo[6.1.0]non-4-en-9-am...	138	C8H14N2	066387-78-8	25
3	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	25
4	9-Cyanoacridine 10-oxide	220	C14H8N2O	010228-98-5	25
5	1,4,6-Trimethyl-1,2,3,4-tetrahyd...	204	C11H12N2O2	004951-03-5	15





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080664.D
Acq On : 25 Jul 2015 11:47
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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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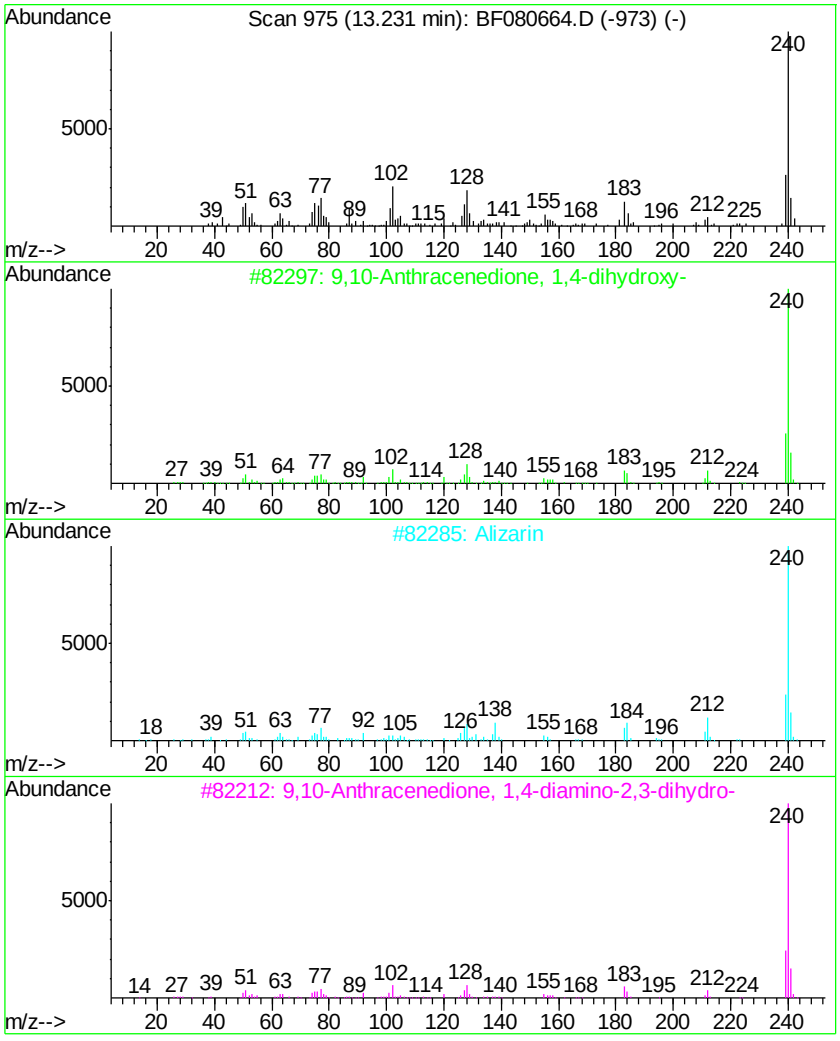
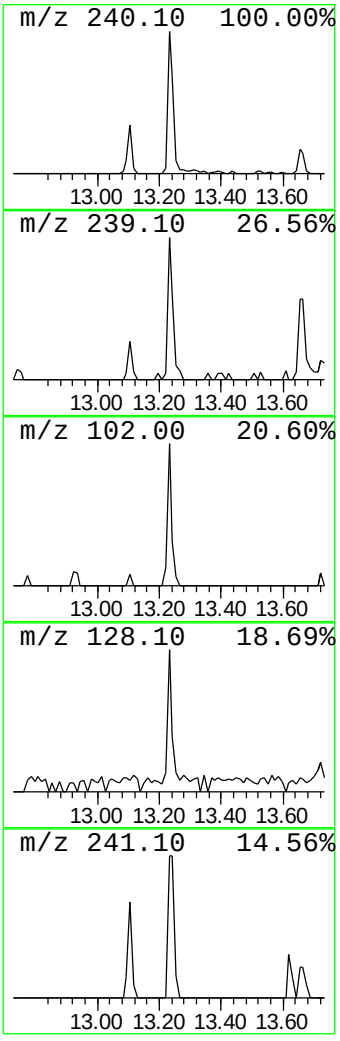
Peak Number 7 9,10-Anthracenedione, 1,4-d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	5.40 ng	225966	Chrysene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 1,4-dihydr...	240	C14H8O4	000081-64-1	94
2	Alizarin	240	C14H8O4	000072-48-0	74
3	9,10-Anthracenedione, 1,4-diamin...	240	C14H12N2O2	000081-63-0	52
4	Chrysene, 1,2,3,4,4a,7,8,9,10,11...	240	C18H24	001610-22-6	50
5	Danthron	240	C14H8O4	000117-10-2	50





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Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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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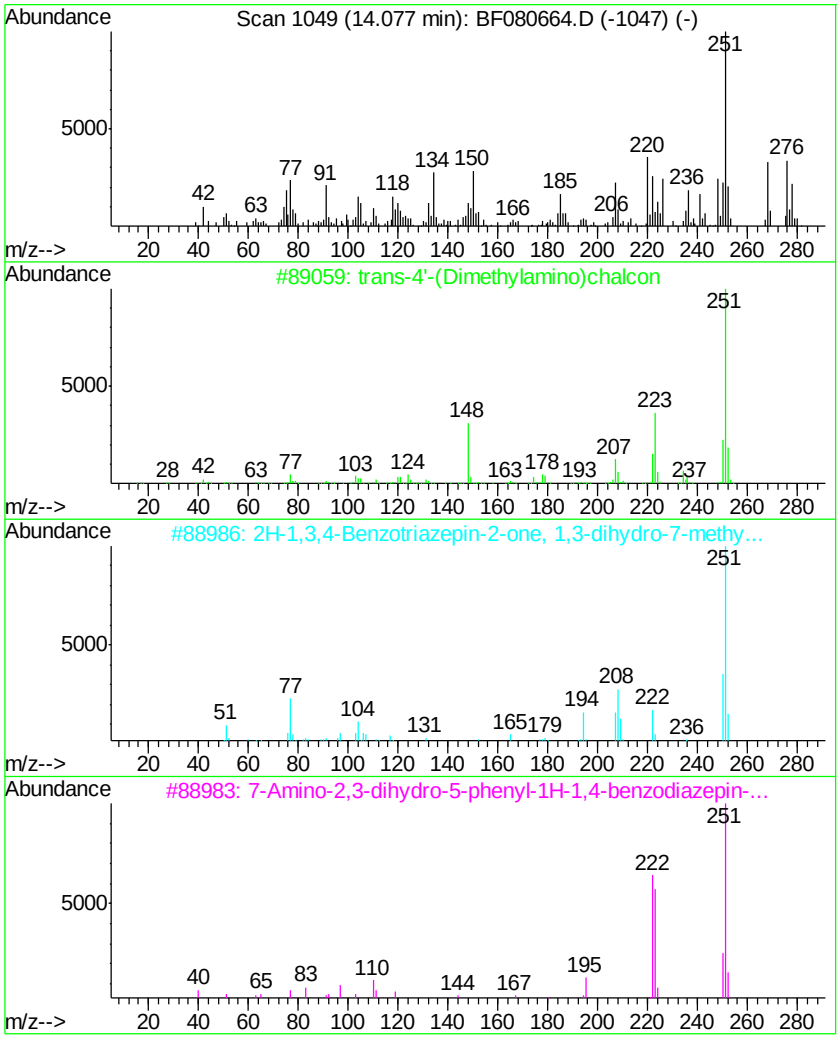
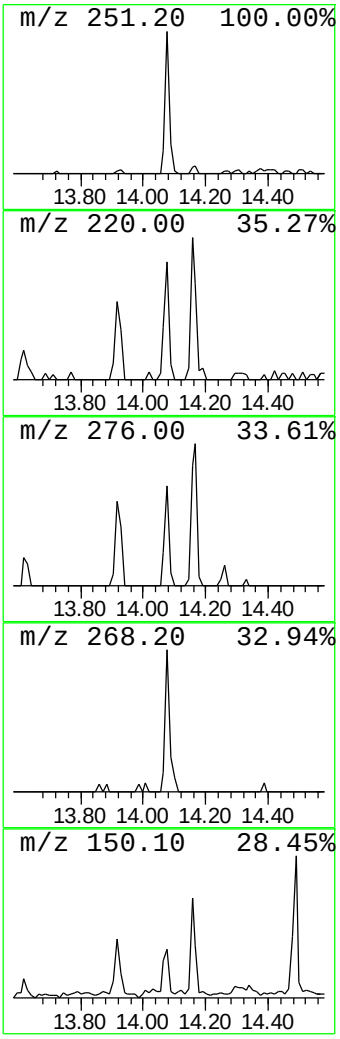
Peak Number 8 unknown14.08 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	5.10 ng	213304	Chrysene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4'-(Dimethylamino)chalcon	251	C17H17NO	038239-50-8	43
2	2H-1,3,4-Benzotriazepin-2-one, 1...	251	C15H13N3O	002855-57-4	38
3	7-Amino-2,3-dihydro-5-phenyl-1H-...	251	C15H13N3O	004928-02-3	38
4	Acetamide, 2-cyano-2-[3,4-dihydr...	268	C14H12N4O2	1000260-17-5	38
5	2-(1-Methyl-5-phenyl-1H-[1,2,4]t...	251	C15H13N3O	078256-84-5	38





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Sample : G3054-01 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

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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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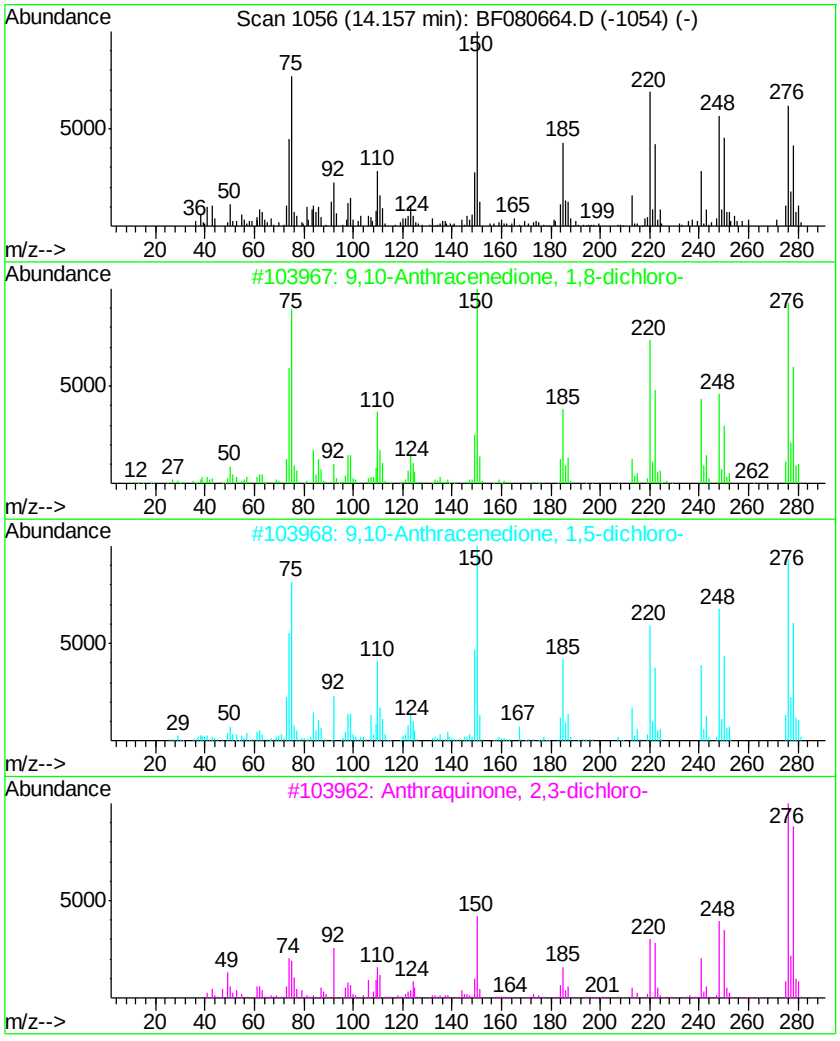
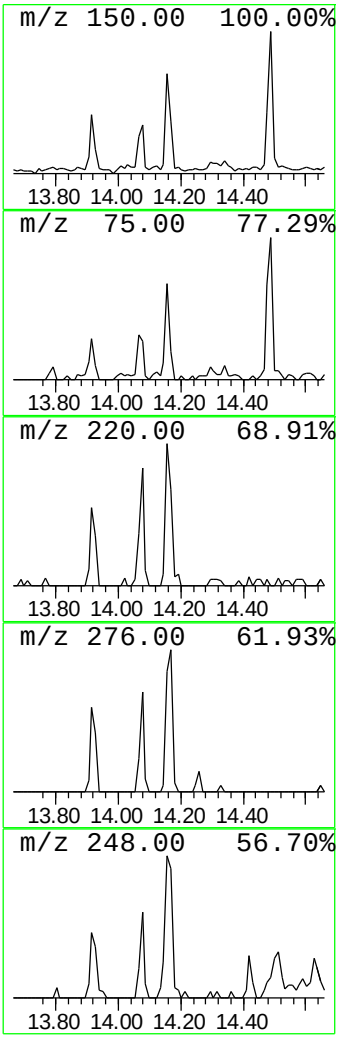
Peak Number 9 9,10-Anthracenedione, 1,8-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	5.27 ng	220201	Chrysene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 1,8-dichloro-	276	C14H6Cl2O2	000082-43-9	99
2	9,10-Anthracenedione, 1,5-dichloro-	276	C14H6Cl2O2	000082-46-2	98
3	Anthraquinone, 2,3-dichloro-	276	C14H6Cl2O2	000084-45-7	98
4	9H-Fluoren-9-one, 2,7-dichloro-	248	C13H6Cl2O	006297-11-6	83
5	9H-Fluoren-9-one, 3,6-dichloro-	248	C13H6Cl2O	034223-82-0	70





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Misc :
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Instrument : BNA_F
ClientSampleId : CONC1

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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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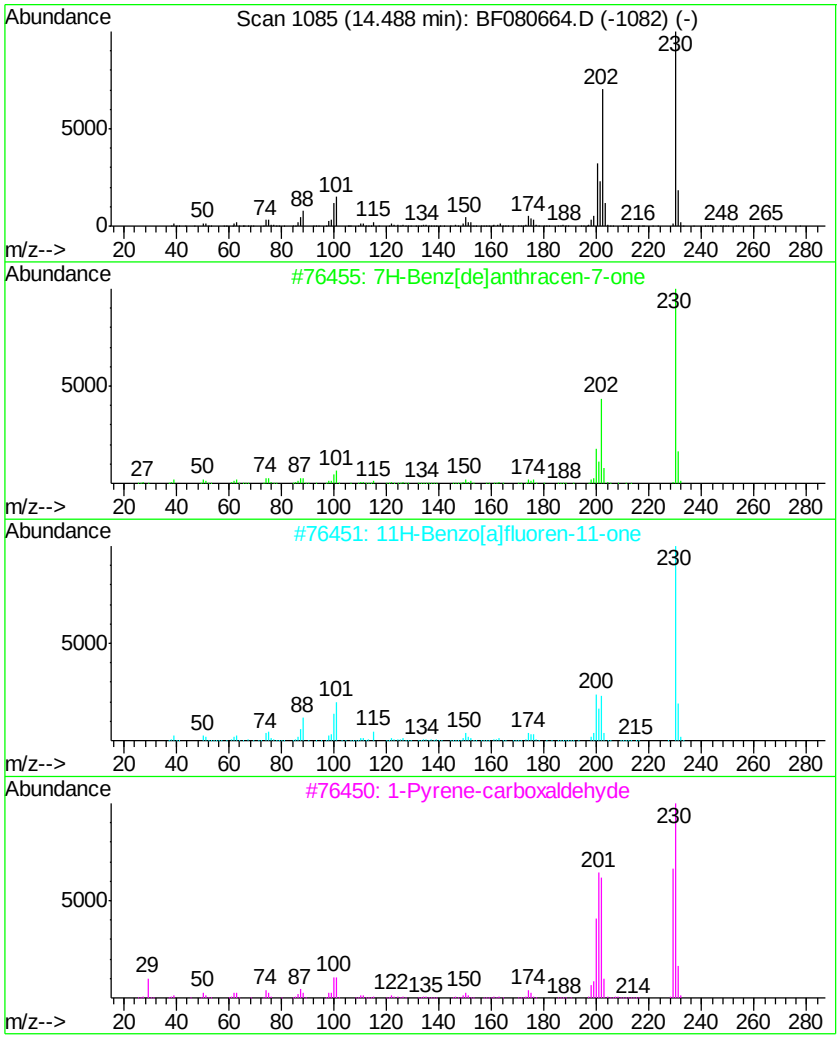
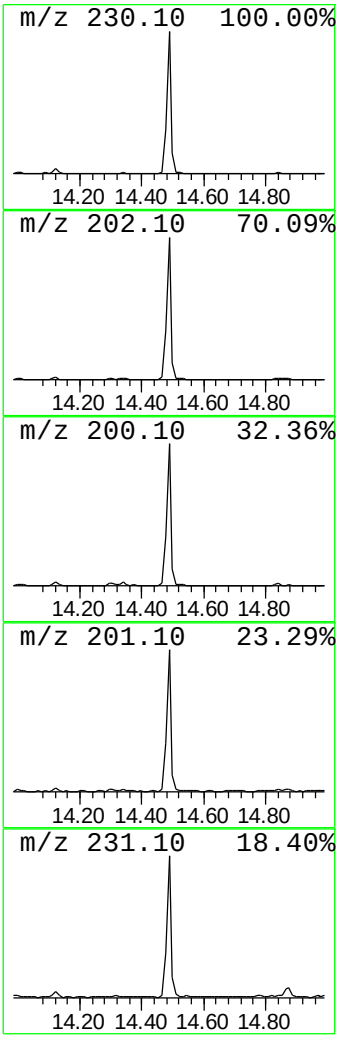
Peak Number 10 7H-Benz[de]anthracen-7-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	36.57 ng	1529180	Chrysene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	97
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
3	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	89
4	Fluoranthene	202	C16H10	000206-44-0	86
5	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	53





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

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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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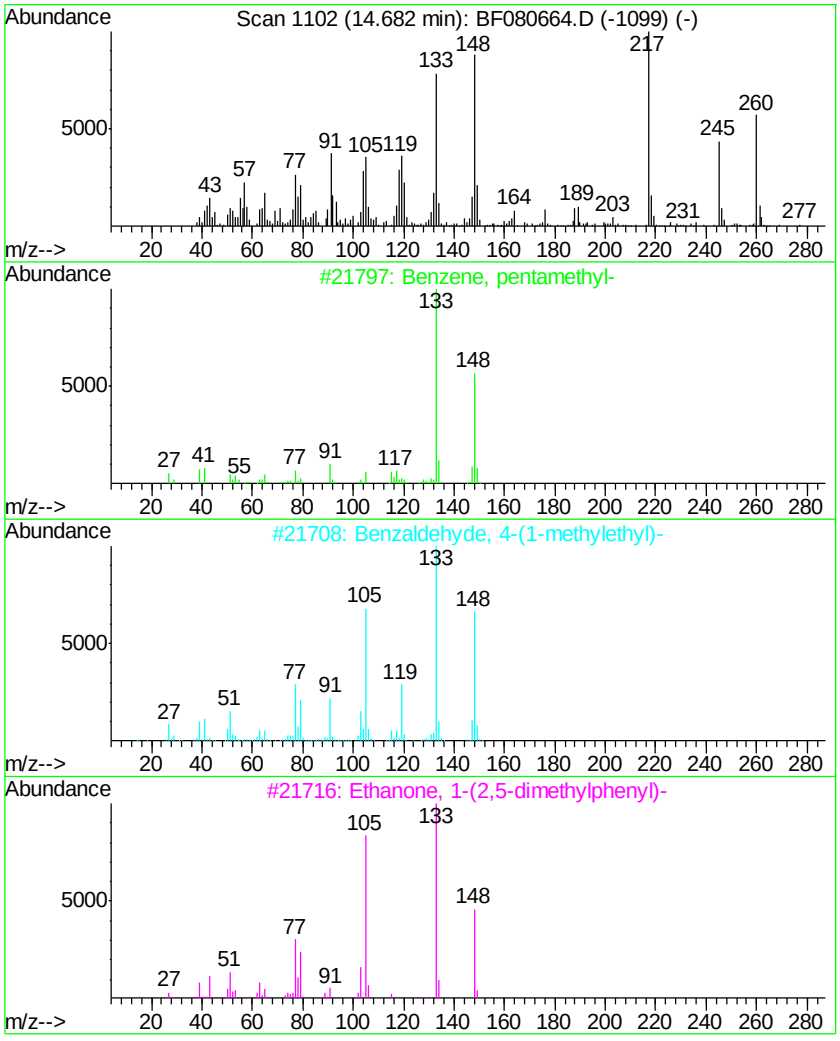
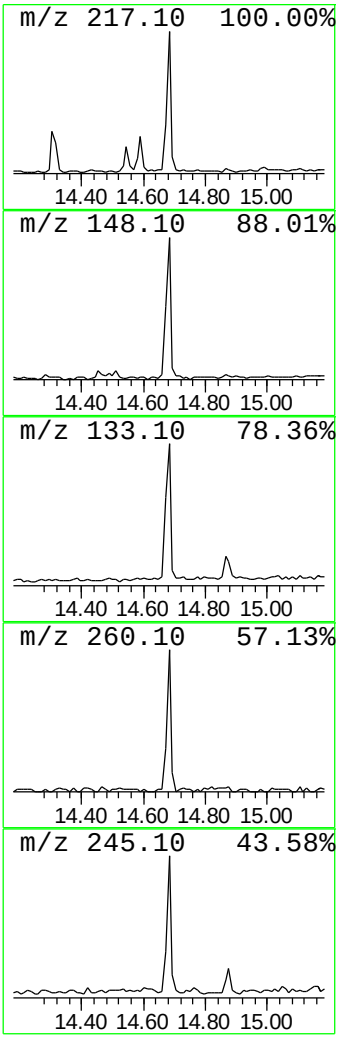
Peak Number 11 unknown14.68 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	13.22 ng	552837	Chrysene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	41
2	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	38
3	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	38
4	Iododurene	260	C10H13I	002100-25-6	35
5	1H-Benzimidazole, 5-methoxy-	148	C8H8N2O	004887-80-3	30





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Misc :
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Instrument : BNA_F
ClientSampleId : CONC1

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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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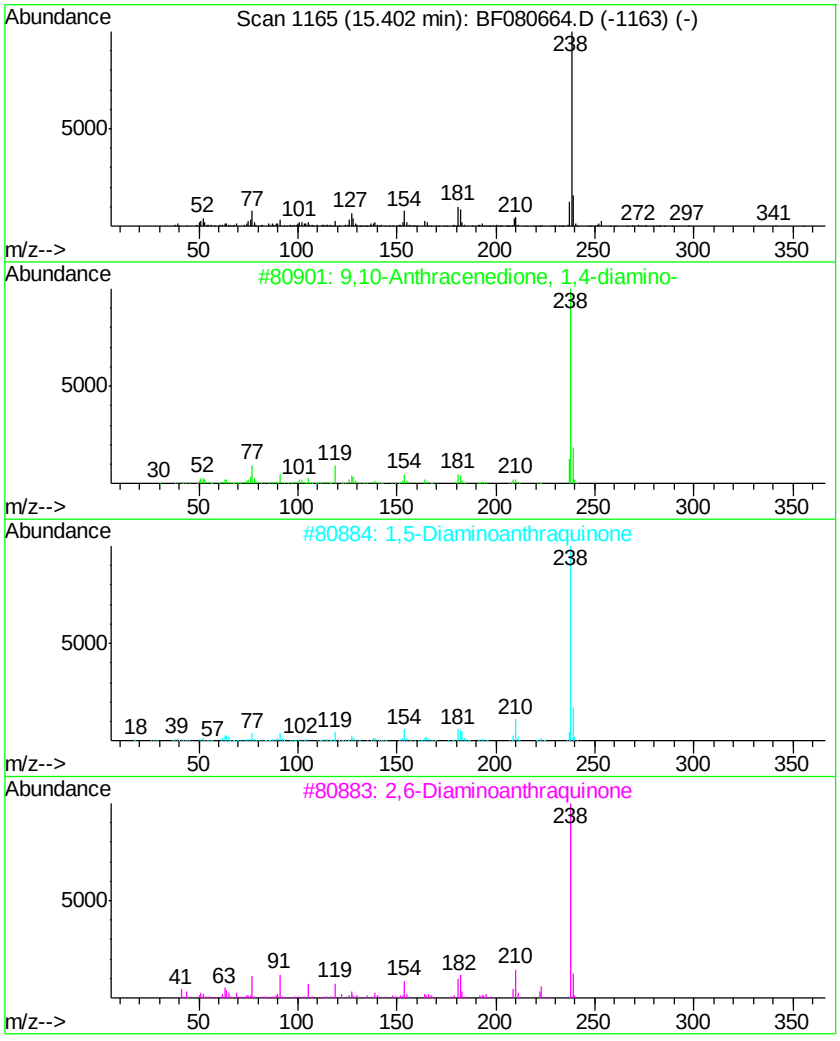
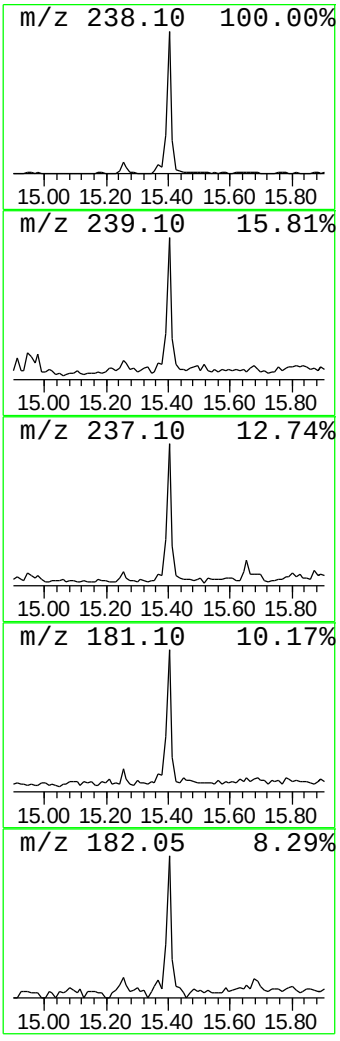
Peak Number 12 1,5-Diaminoanthraquinone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	10.99 ng	371405	Perylene-d12	16.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 1,4-diamino-	238	C14H10N2O2	000128-95-0	94
2	1,5-Diaminoanthraquinone	238	C14H10N2O2	000129-44-2	87
3	2,6-Diaminoanthraquinone	238	C14H10N2O2	000131-14-6	83
4	9,10-Anthracenedione, 1,2-diamino-	238	C14H10N2O2	001758-68-5	83
5	6-Hydroxyflavone	238	C15H10O3	006665-83-4	74





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Misc :
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Instrument : BNA_F
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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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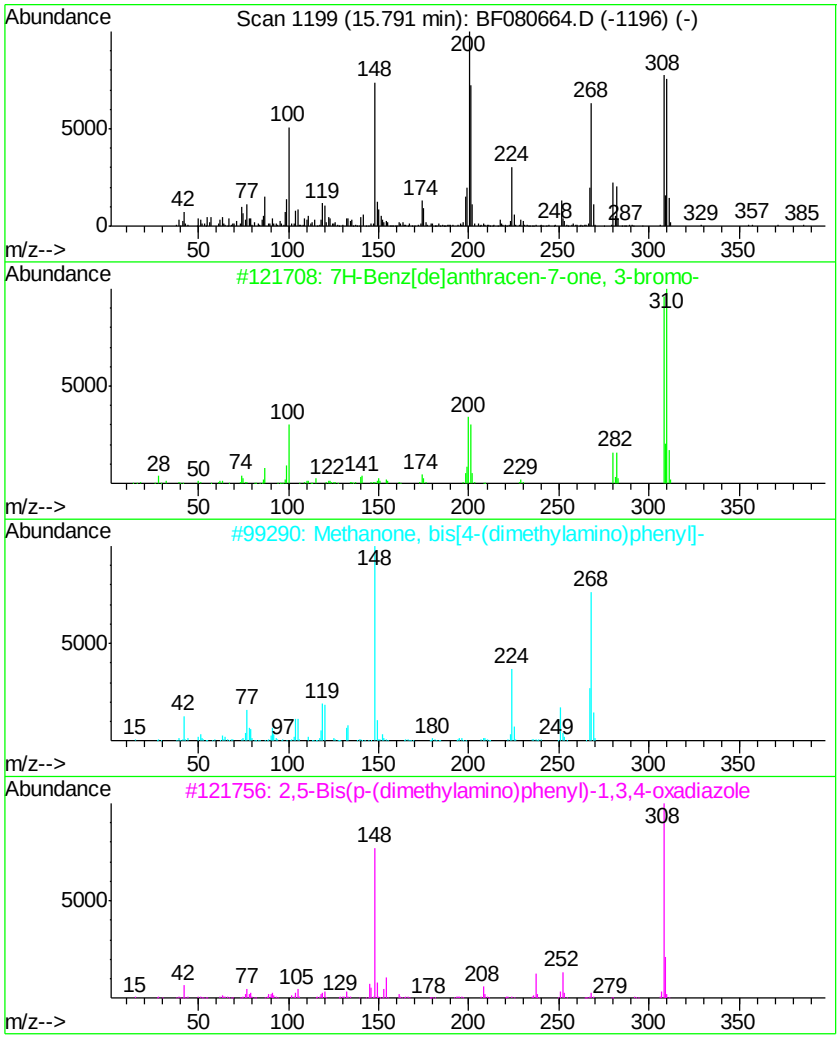
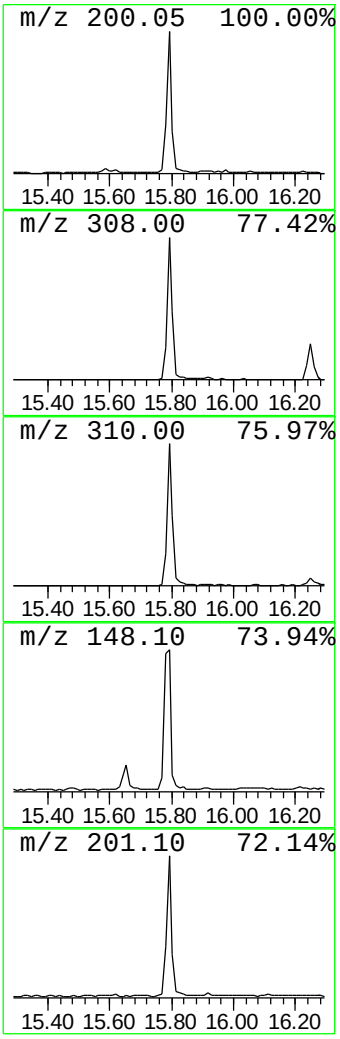
Peak Number 13 7H-Benz[de]anthracen-7-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	30.95 ng	1046280	Perylene-d12	16.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one, 3-br...	308	C17H9BrO	000081-96-9	94
2	Methanone, bis[4-(dimethylamino)...	268	C17H20N2O	000090-94-8	91
3	2,5-Bis(p-(dimethylamino)phenyl)...	308	C18H20N4O	032444-53-4	18
4	Ferrocene, 1,1'-diacetyl-2,2'-(1...	310	C17H18FeO2	041558-91-2	15
5	9,10-Anthracenedione, 1,5-dichlo...	308	C14H6Cl2O4	006837-97-4	14





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Sample : G3054-01 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

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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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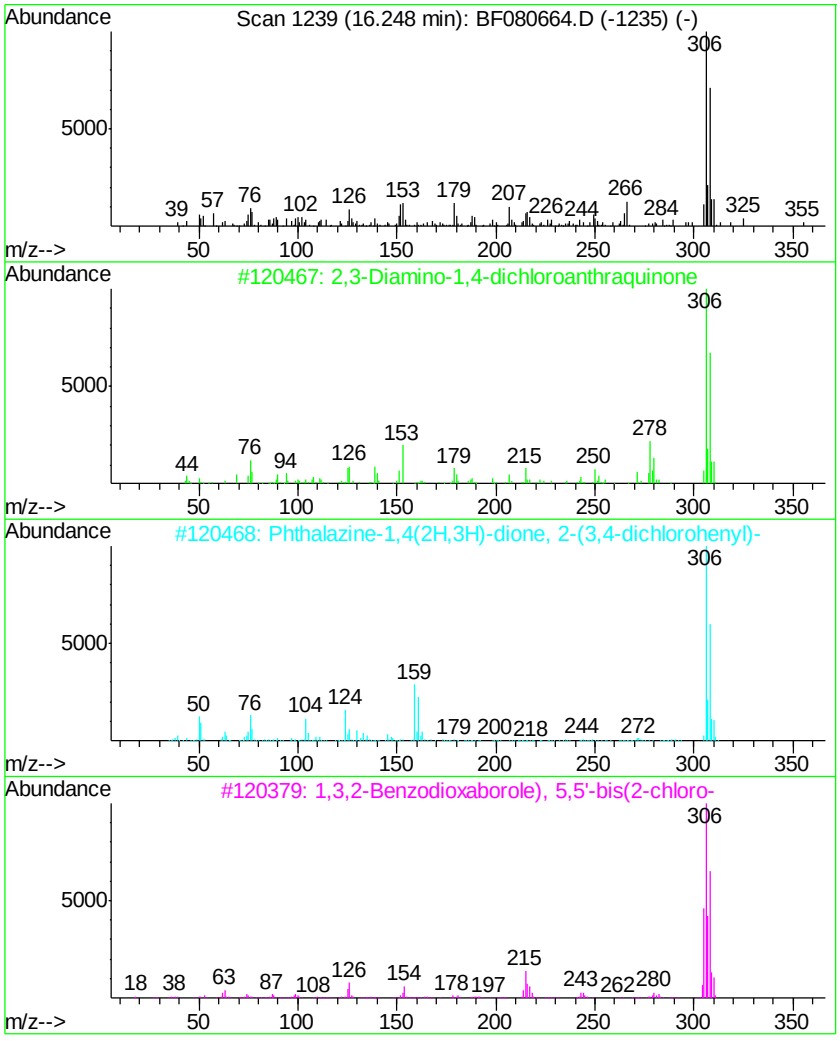
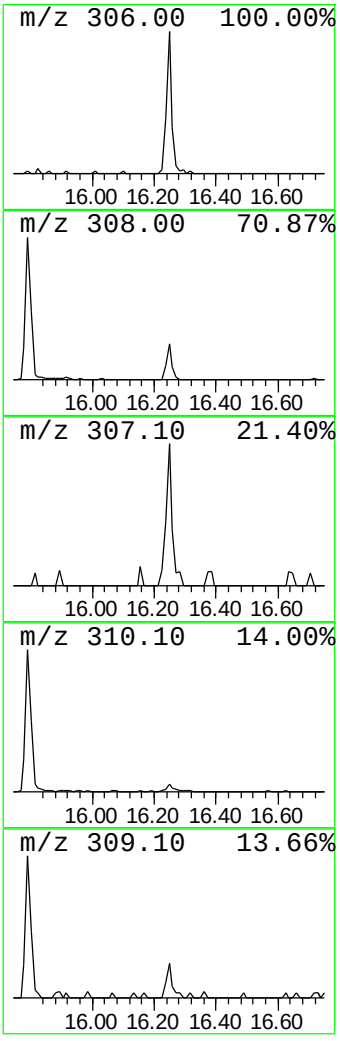
Peak Number 15 2,3-Diamino-1,4-dichloroant... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	6.77 ng	228865	Perylene-d12	16.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Diamino-1,4-dichloroanthraqu...	306	C14H8Cl2N2O2	1000110-31-4	78
2	Phthalazine-1,4(2H,3H)-dione, 2-...	306	C14H8Cl2N2O2	1000272-75-6	72
3	1,3,2-Benzodioxaborole), 5,5'-bi...	306	C12H6B2Cl2O4	1000115-50-6	70
4	Phthalazine-1,4(2H,3H)-dione, 2-...	306	C14H8Cl2N2O2	298228-24-7	59
5	9H-Xanthen-9-one, 4-chloro-1,6-d...	306	C15H11ClO5	067065-97-8	53





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Sample : G3054-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
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TIC Library : C:\DATABASE\NIST02.L
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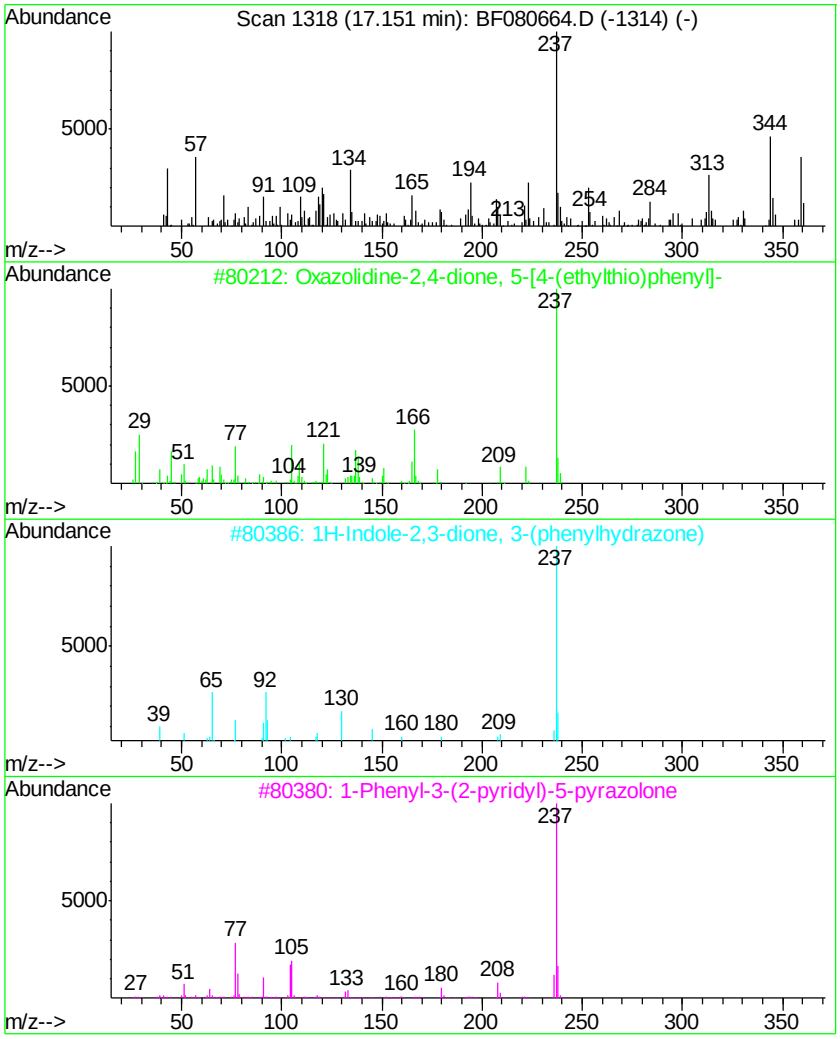
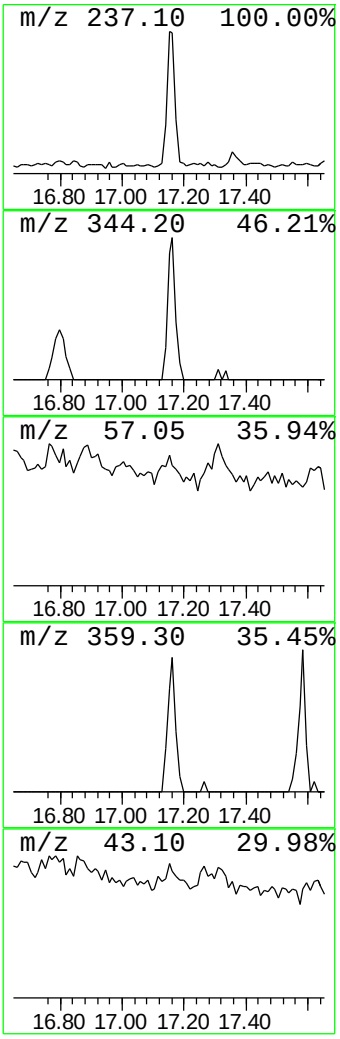
Peak Number 16 unknown17.15 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	10.63 ng	359351	Perylene-d12	16.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazolidine-2,4-dione, 5-[4-(eth...	237	C11H11NO3S	1000159-28-3	25
2	1H-Indole-2,3-dione, 3-(phenylhy...	237	C14H11N3O	017310-26-8	25
3	1-Phenyl-3-(2-pyridyl)-5-pyrazolone	237	C14H11N3O	021683-60-3	25
4	(E)-2-Fluoro-3-(4-N,N-dimethylam...	237	C13H16FNO2	110915-65-6	25
5	2-(p-(Dimethylamino)phenyl)benzi...	237	C15H15N3	002562-71-2	25





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Misc :
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Instrument : BNA_F
ClientSampleId : CONC1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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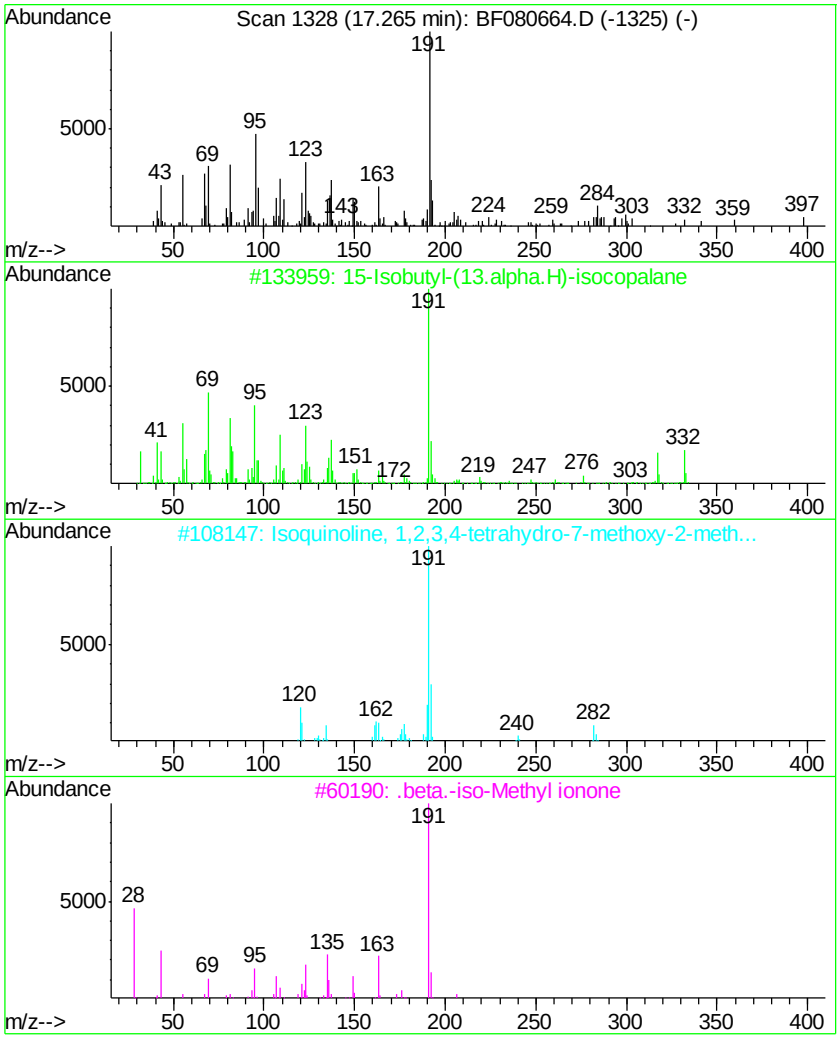
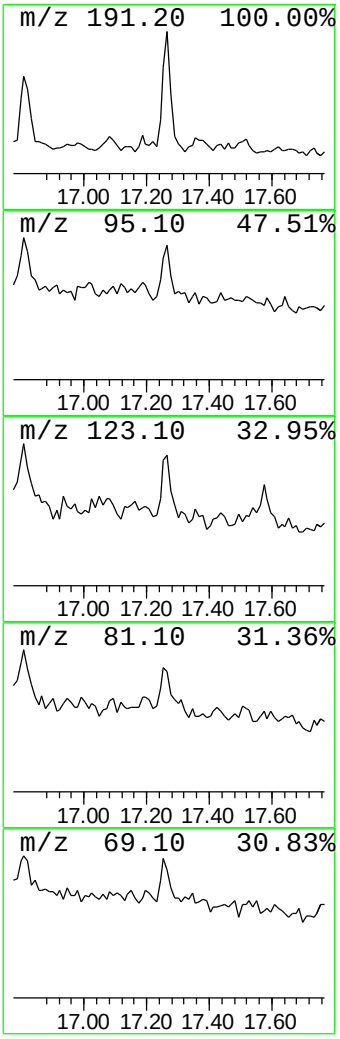
Peak Number 17 15-Isobutyl-(13.alpha.H)-is... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	5.14 ng	173652	Perylene-d12	16.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Isobutyl-(13.alpha.H)-isocopa...	332	C24H44	087953-47-7	50
2	Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21NO2	036646-87-4	47
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
4	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	35
5	1,4-Benzenediol, 2-[(1,4,4a,5,6,...	314	C21H30O2	039707-55-6	27





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

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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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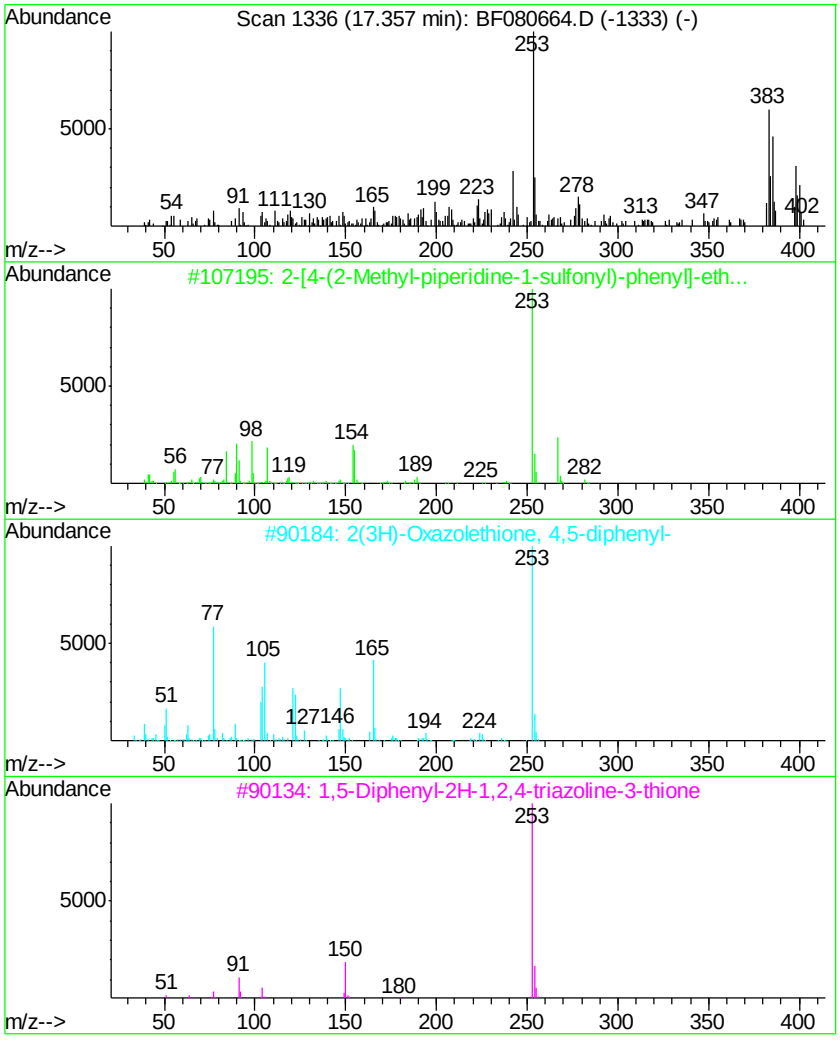
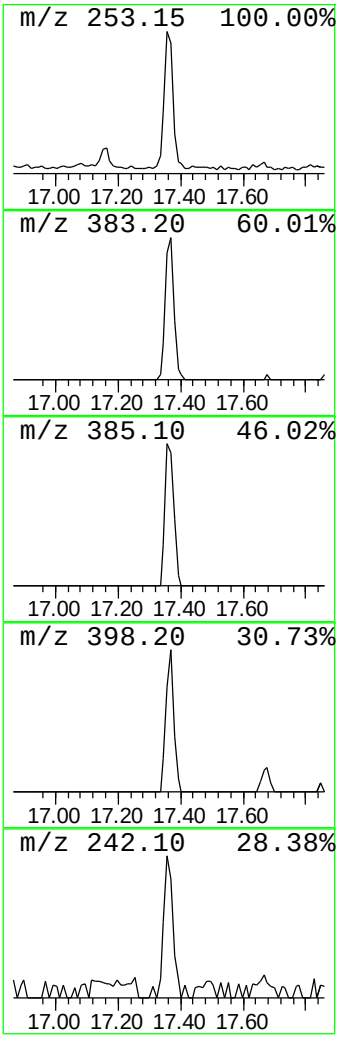
Peak Number 18 unknown17.36 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	11.64 ng	393420	Perylene-d12	16.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[4-(2-Methyl-piperidine-1-sulf...	282	C14H22N2O2S	1000295-08-5	25
2	2(3H)-Oxazolethione, 4,5-diphenyl-	253	C15H11NOS	006670-13-9	22
3	1,5-Diphenyl-2H-1,2,4-triazoline...	253	C14H11N3S	005055-74-3	22
4	Indole, 3-(4-nitrophenylamino)-	253	C14H11N3O2	167954-19-0	22
5	Dimethyl(pentafluorophenyl)silyl...	296	C12H13F5OSi	1000283-07-8	12





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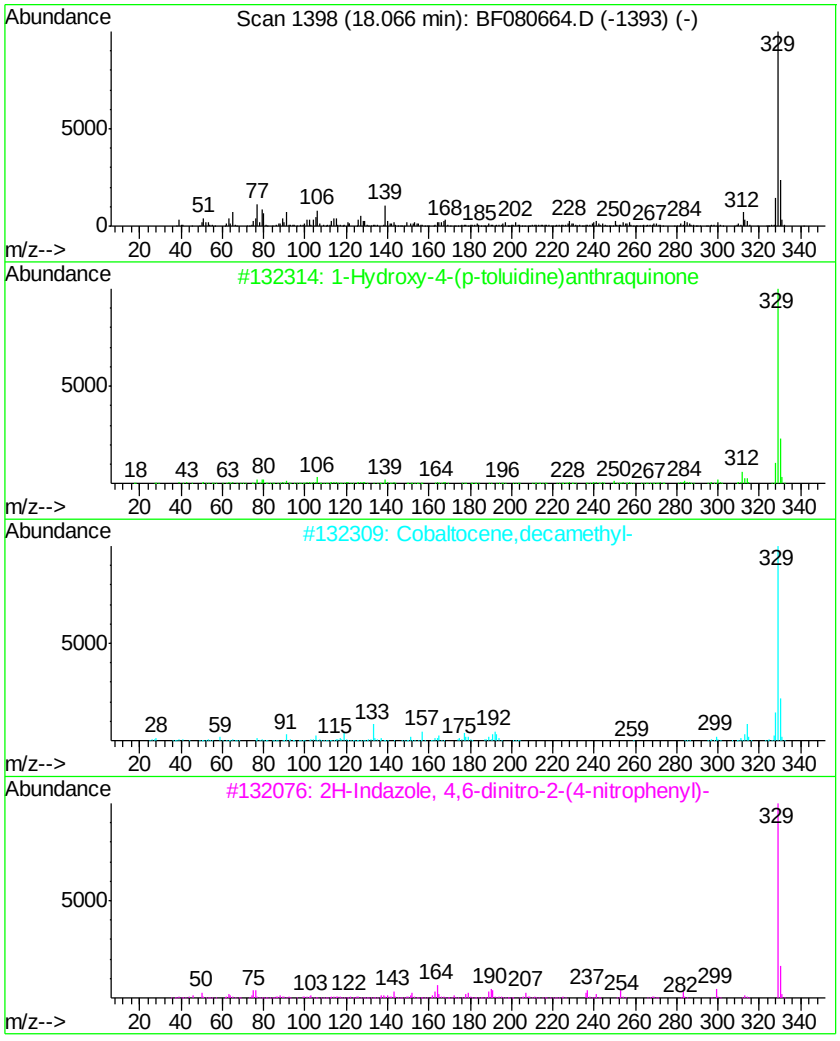
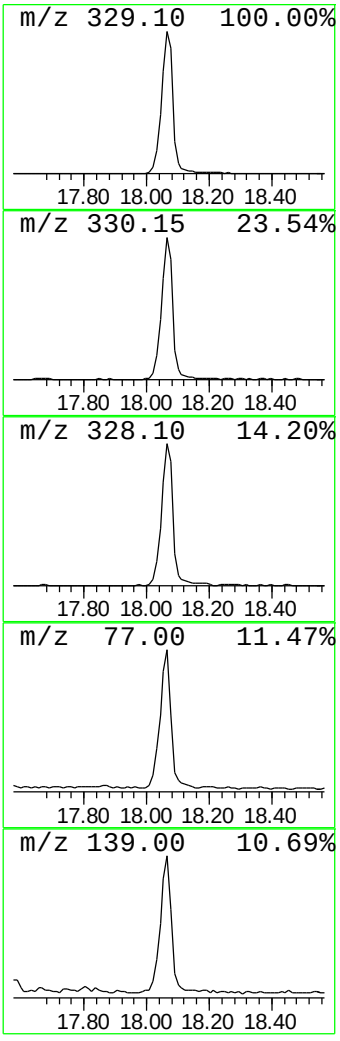
Peak Number 19 1-Hydroxy-4-(p-toluidine)an... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	79.11 ng	2674480	Perylene-d12	16.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hydroxy-4-(p-toluidine)anthraq...	329	C21H15NO3	000081-48-1	95
2	Cobaltocene,decamethyl-	329	C20H30Co	074507-62-3	64
3	2H-Indazole, 4,6-dinitro-2-(4-ni...	329	C13H7N5O6	1000277-66-5	53
4	Dibenz[d,f]cycloheptane, 5-amino...	329	C19H23NO4	1000128-25-6	45
5	Indeno[2,1-c]pyridine, 3,7-dimet...	329	C20H15N3O2	349498-52-8	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080664.D
Acq On : 25 Jul 2015 11:47
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

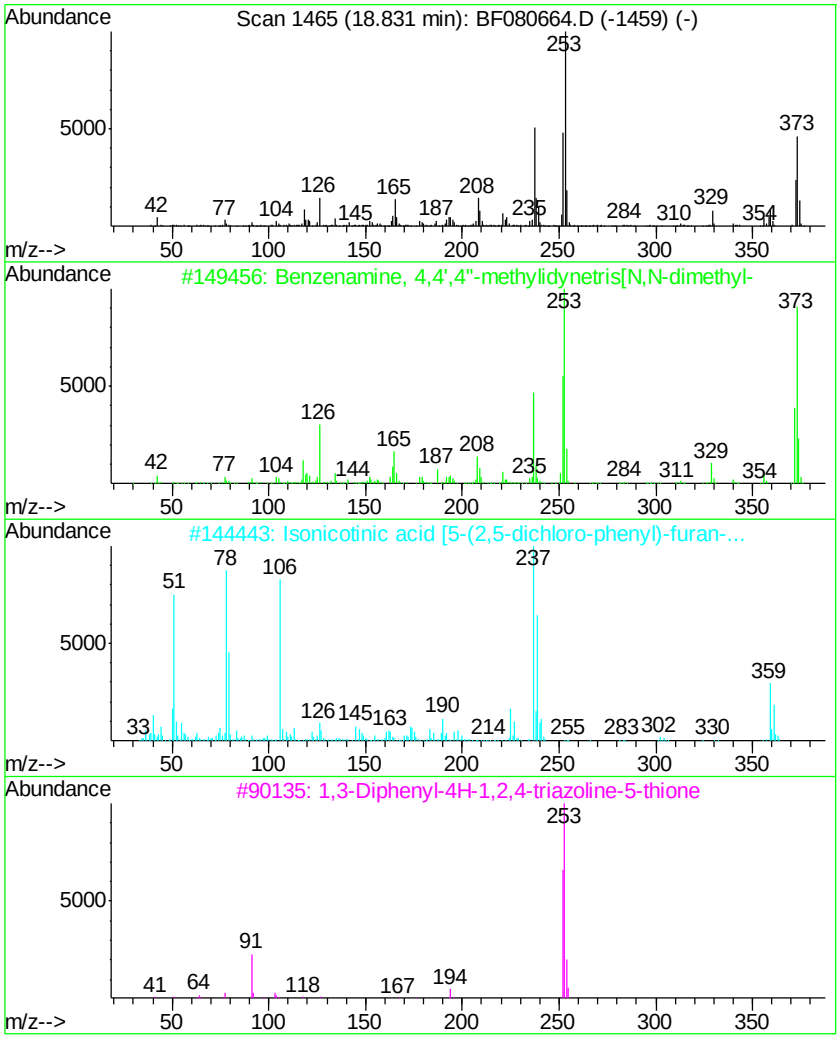
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

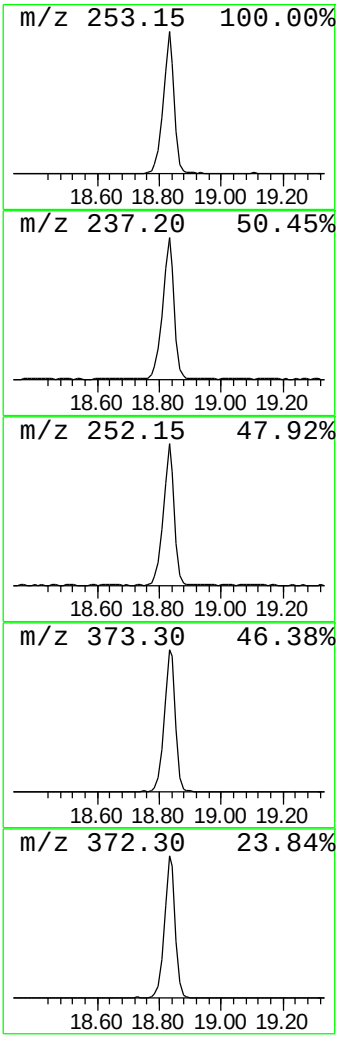
****

Peak Number 20 Benzenamine, 4,4',4''-methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	84.94 ng	2871410	Perylene-d12	16.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4',4''-methylidyn...	373	C25H31N3	000603-48-5	99
2	Isonicotinic acid [5-(2,5-dichlo...	359	C17H11Cl2N3O2	1000295-89-6	56
3	1,3-Diphenyl-4H-1,2,4-triazoline...	253	C14H11N3S	005055-73-2	43
4	12,13-Dioxatricyclo[7.3.1.0(1,6)...	424	C21H28O7S	1000197-23-9	32
5	3-(4-Methoxy-phenylimino)-1-phen...	253	C16H15NO2	1000297-32-2	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080664.D
Acq On : 25 Jul 2015 11:47
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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
unknown6.69	6.69	11.3	ng	174919	1	6.93	308534	20.0
Anthrone	12.20	5.5	ng	117638	4	11.46	425686	20.0
9,10-Anthracenedione	12.29	63.3	ng	1347630	4	11.46	425686	20.0
unknown12.41	12.41	13.7	ng	291689	4	11.46	425686	20.0
unknown12.61	12.61	5.2	ng	111353	4	11.46	425686	20.0
9,10-Anthracenedi...	13.23	5.4	ng	225966	5	14.32	836291	20.0
unknown14.08	14.08	5.1	ng	213304	5	14.32	836291	20.0
9,10-Anthracenedi...	14.16	5.3	ng	220201	5	14.32	836291	20.0
7H-Benz[de]anthra...	14.49	36.6	ng	1529180	5	14.32	836291	20.0
unknown14.68	14.68	13.2	ng	552837	5	14.32	836291	20.0
1,5-Diaminoanthra...	15.40	11.0	ng	371405	6	16.04	676129	20.0
7H-Benz[de]anthra...	15.79	30.9	ng	1046280	6	16.04	676129	20.0
2,3-Diamino-1,4-d...	16.25	6.8	ng	228865	6	16.04	676129	20.0
unknown17.15	17.15	10.6	ng	359351	6	16.04	676129	20.0
15-Isobutyl-(13.a...	17.27	5.1	ng	173652	6	16.04	676129	20.0
unknown17.36	17.36	11.6	ng	393420	6	16.04	676129	20.0
1-Hydroxy-4-(p-to...	18.07	79.1	ng	2674480	6	16.04	676129	20.0
Benzenamine, 4,4'...	18.83	84.9	ng	2871410	6	16.04	676129	20.0