LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080617.D
Acq On : 24 Jul 2015 3:57
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 26 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-BF072315.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	5.104	262	264	267	rBV	55407	51840	2.08%	0.267%
2	5.207	271	273	275	rVB	33596	38327	1.53%	0.197%
3	5.516	298	300	303	rVB2	127048	137704	5.51%	0.710%
4	6.556	388	391	393	rBV	136540	149405	5.98%	0.770%
5	6.602	393	395	402	rVV	18149	31264	1.25%	0.161%
6	6.704	402	404	406	rVV	195816	157474	6.31%	0.811%
7	6.944	423	425	427	rBV	334297	267200	10.70%	1.377%
8	7.105	432	439	441	rBV	144614	153668	6.15%	0.792%
9	7.505	470	474	477	rBV2	119583	160433	6.42%	0.827%
10	8.236	536	538	540	rBV	383904	322850	12.93%	1.663%
11	8.568	563	567	570	rBV	37496	57629	2.31%	0.297%
12	9.196	619	622	624	rBV	58033	60664	2.43%	0.313%
13	9.310	630	632	634	rVB	263624	204432	8.19%	1.053%
14	9.528	649	651	653	rVB2	68344	60158	2.41%	0.310%
15	9.722	665	668	670	rBV	30615	51235	2.05%	0.264%
16	9.768	670	672	673	rVV2	36515	44555	1.78%	0.230%
17	9.813	673	676	677	rVB	57881	61331	2.46%	0.316%
18	9.996	689	692	693	rBV	309065	321753	12.88%	1.658%
19	10.202	707	710	712	rBV	88793	81394	3.26%	0.419%
20	10.442	728	731	733	rVB2	28743	26466	1.06%	0.136%
21	10.693	750	753	758	rVB	25157	25144	1.01%	0.130%
22	10.991	777	779	781	rVV	31617	26519	1.06%	0.137%
23	11.254	800	802	803	rBV	53389	43801	1.75%	0.226%
24	11.356	806	811	812	rBV2	17616	35618	1.43%	0.184%
25	11.482	820	822	827	rBV2	299231	553212	22.15%	2.850%
26	11.551	827	828	830	rVV	43299	33668	1.35%	0.173%
27	11.688	838	840	845	rVV2	41868	74993	3.00%	0.386%
28	11.985	864	866	867	rBV	22399	25029	1.00%	0.129%
29	12.008	867	868	870	rVB	36039	27140	1.09%	0.140%
30	12.088	873	875	879	rBV3	30428	60161	2.41%	0.310%
31	12.202	884	885	887	rVB	79496	100088	4.01%	0.516%
32	12.294	891	893	896	rBV	747935	1004316	40.22%	5.175%
33	12.351	896	898	901	rVB2	26472	36556	1.46%	0.188%
34	12.419	901	904	906	rBV	210102	236931	9.49%	1.221%

LSC Area Percent Report

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Sample : G3054-01 5X
Misc :
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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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.465	906	908	912	rVB4	13998	36627	1.47%	0.189%
36	12.614	919	921	923	rBV3	65033	81049	3.25%	0.418%
37	12.694	926	928	930	rBV	370478	336149	13.46%	1.732%
38	12.762	933	934	936	rVB	83197	68874	2.76%	0.355%
39	12.934	945	949	951	rBV	245102	351311	14.07%	1.810%
40	12.991	952	954	955	rBV2	43225	43997	1.76%	0.227%
41	13.037	955	958	960	rBV2	43835	65355	2.62%	0.337%
42	13.082	960	962	965	rVB	223108	252531	10.11%	1.301%
43	13.162	966	969	970	rBV2	16323	33475	1.34%	0.172%
44	13.208	970	973	975	rBV3	107949	153957	6.17%	0.793%
45	13.265	976	978	980	rVB	35677	51439	2.06%	0.265%
46	13.334	980	984	986	rBV5	25447	49106	1.97%	0.253%
47	13.379	986	988	991	rBV	41204	63183	2.53%	0.326%
48	13.448	992	994	998	rBV3	27744	59820	2.40%	0.308%
49	13.597	1005	1007	1009	rVB	39575	32714	1.31%	0.169%
50	13.654	1010	1012	1014	rBV2	75435	109027	4.37%	0.562%
51	13.722	1014	1018	1020	rBV	101455	147617	5.91%	0.761%
52	13.802	1023	1025	1027	rBV	41793	64538	2.58%	0.333%
53	13.837	1027	1028	1031	rVB2	47390	64773	2.59%	0.334%
54	13.928	1033	1036	1038	rBV2	35866	65090	2.61%	0.335%
55	13.985	1038	1041	1043	rVV3	176344	194543	7.79%	1.002%
56	14.031	1043	1045	1046	rVV2	48138	67646	2.71%	0.349%
57	14.065	1046	1048	1050	rVB2	152284	173695	6.96%	0.895%
58	14.202	1057	1060	1064	rBV2	500670	788827	31.59%	4.064%
59	14.362	1072	1074	1077	rBV	963902	1206395	48.31%	6.216%
60	14.534	1087	1089	1093	rBV	387045	430579	17.24%	2.219%
61	14.705	1102	1104	1107	rVB2	94802	104018	4.17%	0.536%
62	15.197	1144	1147	1149	rVB	257698	289211	11.58%	1.490%
63	15.368	1159	1162	1168	rVB2	164955	429095	17.18%	2.211%
64	15.460	1168	1170	1175	rVB4	71885	129916	5.20%	0.669%
65	15.551	1175	1178	1184	rBV3	412525	918200	36.77%	4.731%
66	15.677	1187	1189	1192	rVB	139169	186145	7.45%	0.959%
67	15.734	1192	1194	1197	rBV	494756	696842	27.90%	3.590%
68	15.803	1198	1200	1202	rBV	341920	426620	17.08%	2.198%
69	15.974	1213	1215	1216	rBV2	66364	101387	4.06%	0.522%
70	16.557	1264	1266	1272	rVB3	83653	194559	7.79%	1.002%
71	16.877	1291	1294	1298	rBV2	96294	222596	8.91%	1.147%

LSC Area Percent Report

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Data File : BF080617.D
Acq On : 24 Jul 2015 3:57
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 26 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-BF072315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.003	1303	1305	1310	rVB3	72656	159848	6.40%	0.824%
73	17.094	1310	1313	1320	rVB3	143740	305616	12.24%	1.575%
74	17.323	1329	1333	1337	rBV2	273138	650808	26.06%	3.353%
75	17.403	1337	1340	1345	rVB6	76655	160945	6.44%	0.829%
76	17.803	1368	1375	1382	rBV	953326	2220144	88.90%	11.439%
77	18.557	1435	1441	1451	rVB3	851630	2497244	100.00%	12.867%

Sum of corrected areas: 19408469

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080617.D
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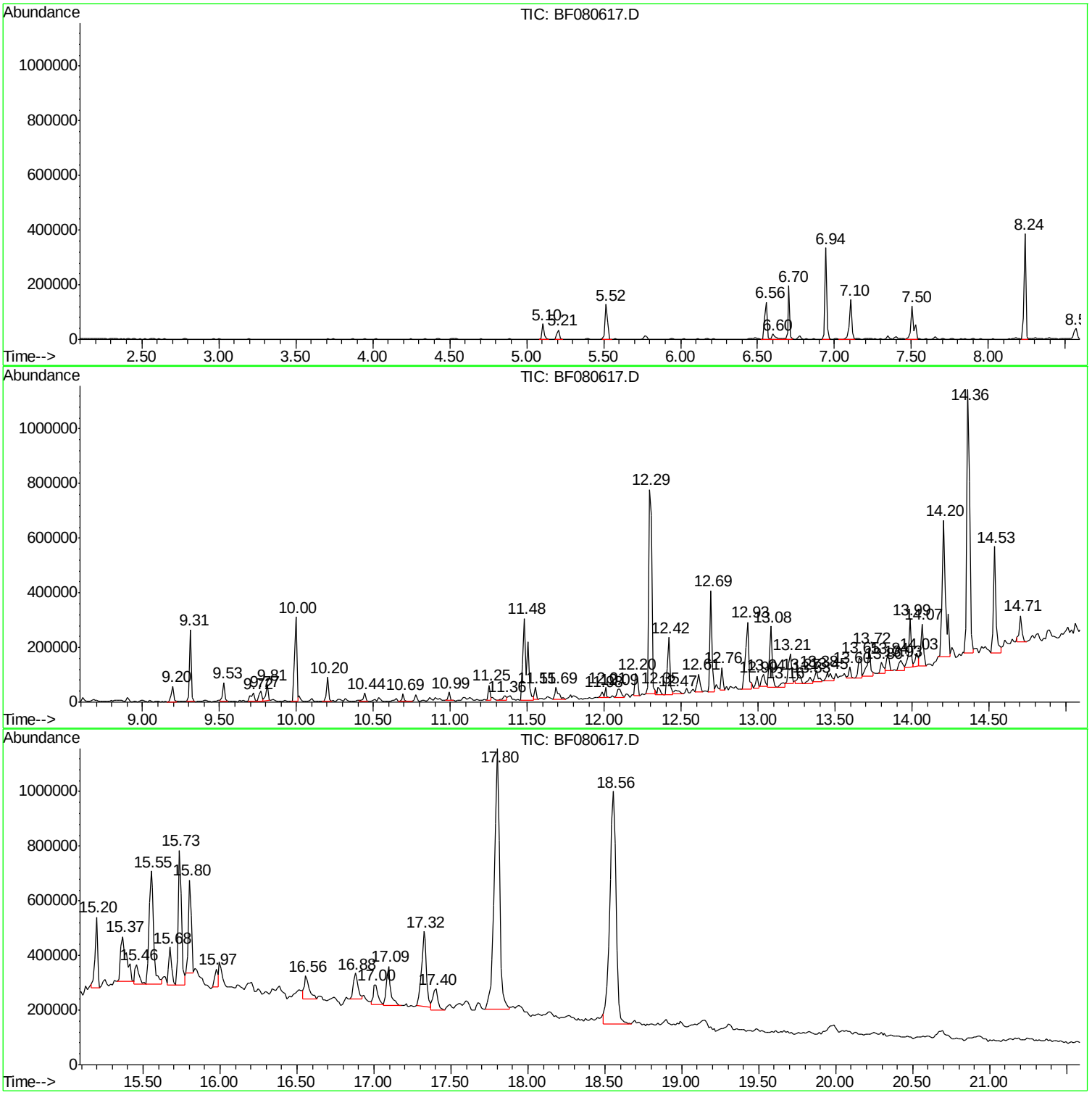
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.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\BF072315\
Data File : BF080617.D
Acq On : 24 Jul 2015 3:57
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

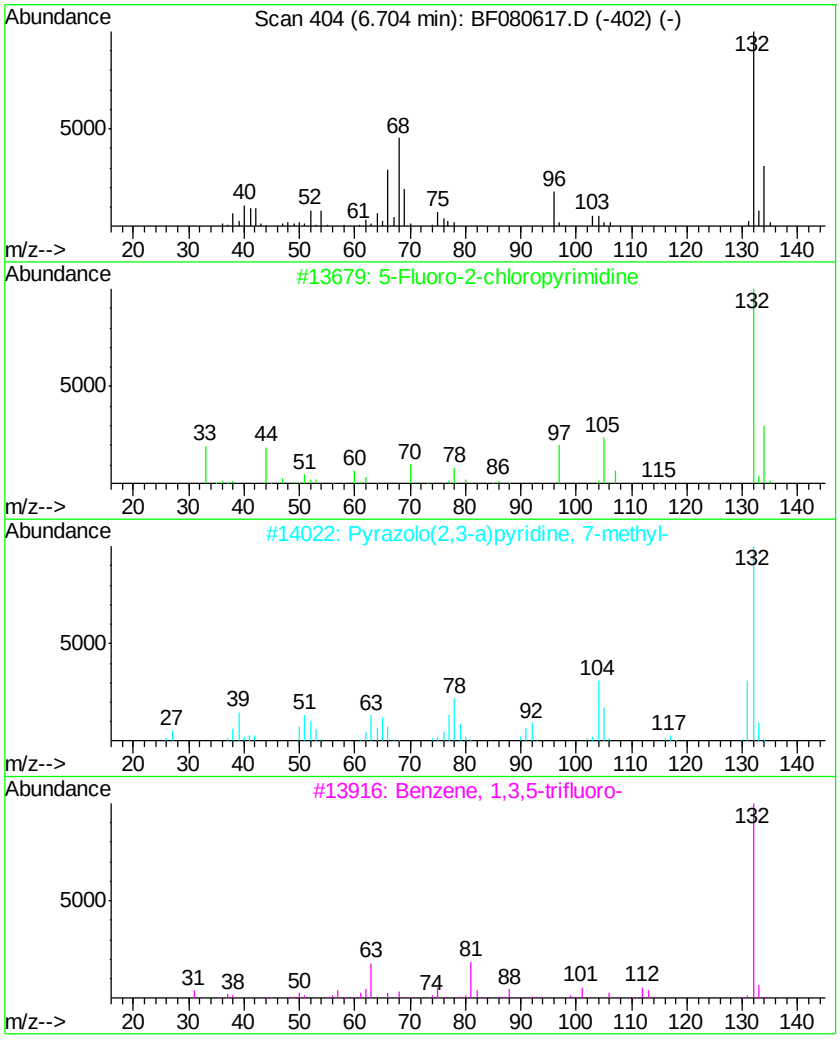
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

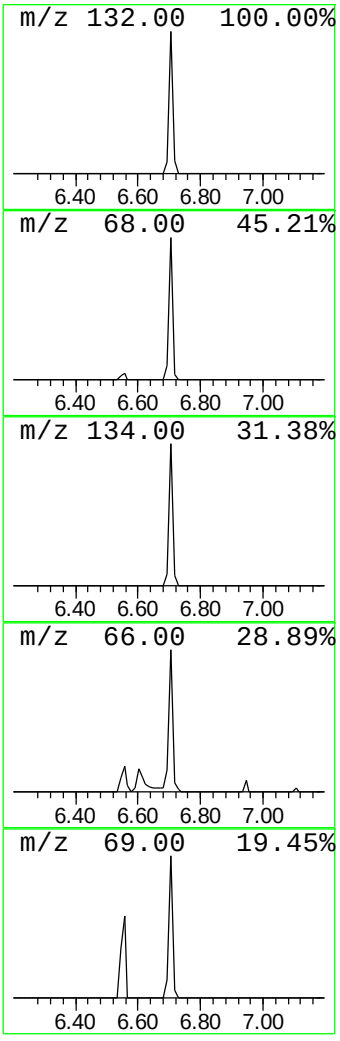
****

Peak Number 1 unknown6.70 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	11.79 ng	157474	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	14
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080617.D
Acq On : 24 Jul 2015 3:57
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

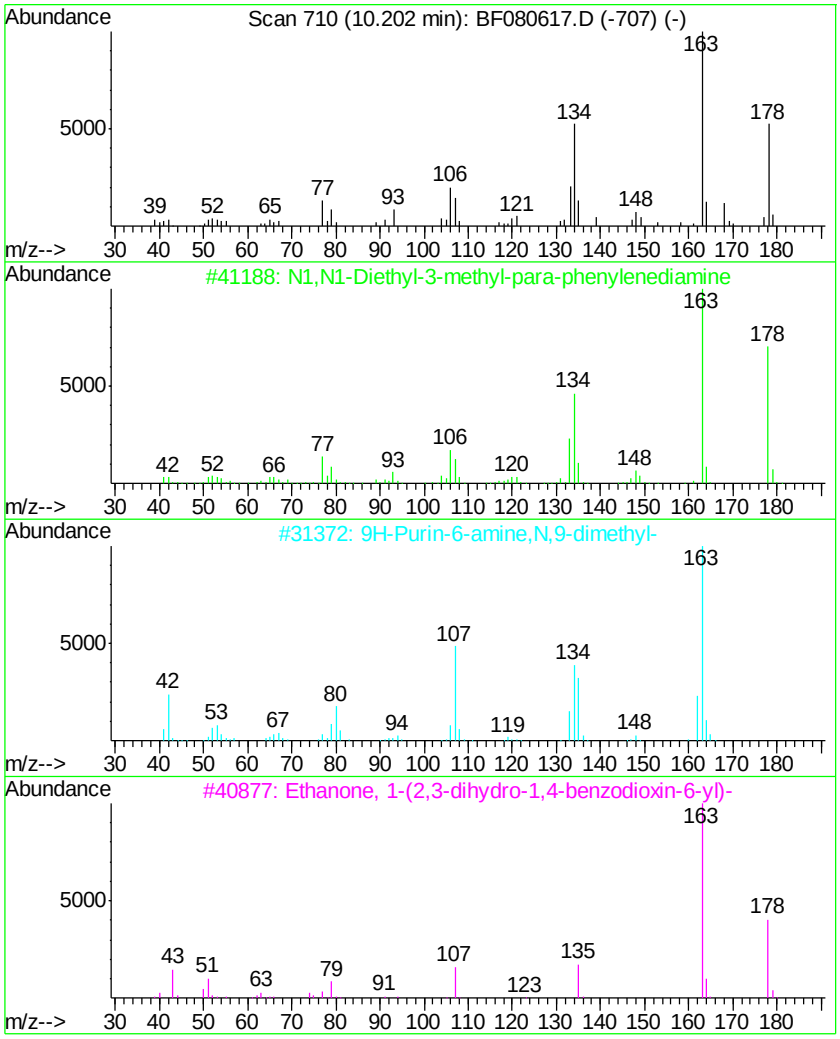
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

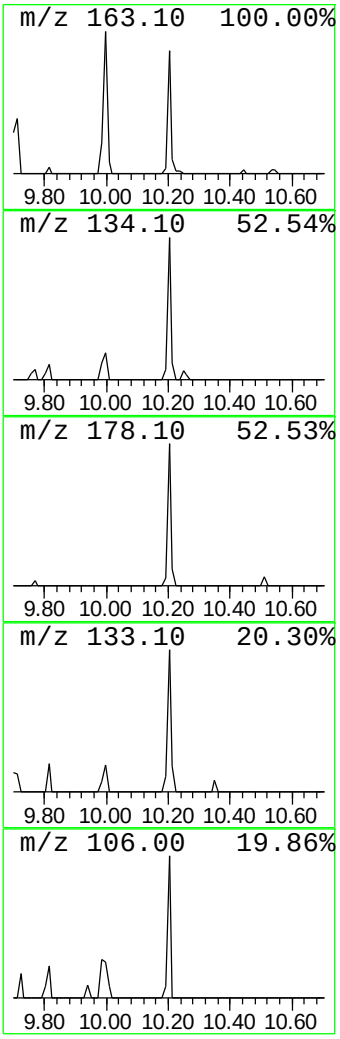
****

Peak Number 3 N1,N1-Diethyl-3-methyl-para... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	5.06 ng	81394	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N1,N1-Diethyl-3-methyl-para-phen...	178	C11H18N2	002051-79-8	96
2	9H-Purin-6-amine,N,9-dimethyl-	163	C7H9N5	002009-52-1	47
3	Ethanone, 1-(2,3-dihydro-1,4-ben...	178	C10H10O3	002879-20-1	47
4	2,3-Dihydro-7-methyl-1,4-benzoxa...	163	C9H9NO2	039522-25-3	47
5	Propofol	178	C12H18O	002078-54-8	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080617.D
Acq On : 24 Jul 2015 3:57
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.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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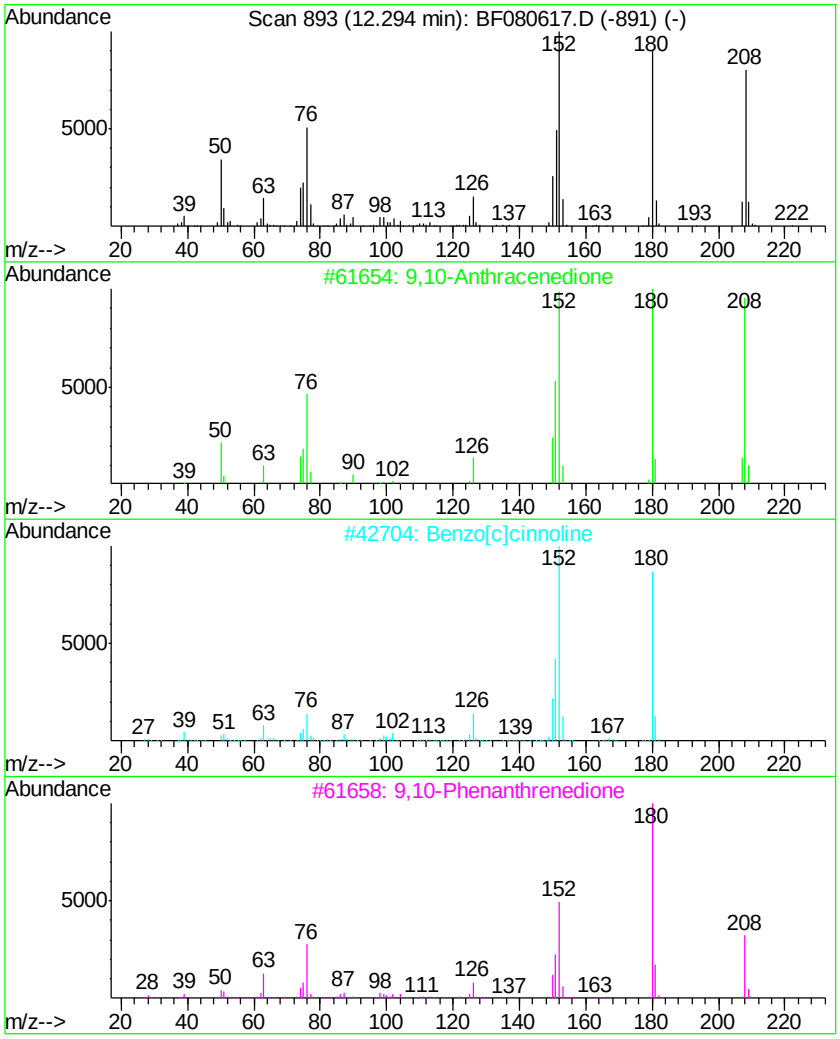
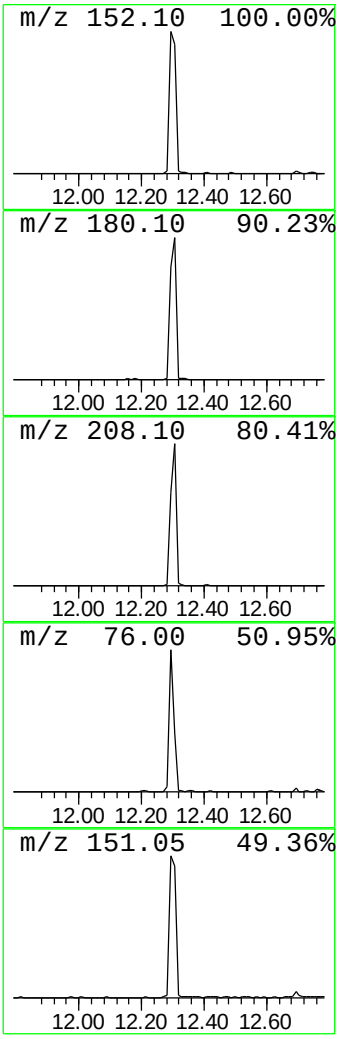
Peak Number 4 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	36.31 ng	1004320	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	95
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78





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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.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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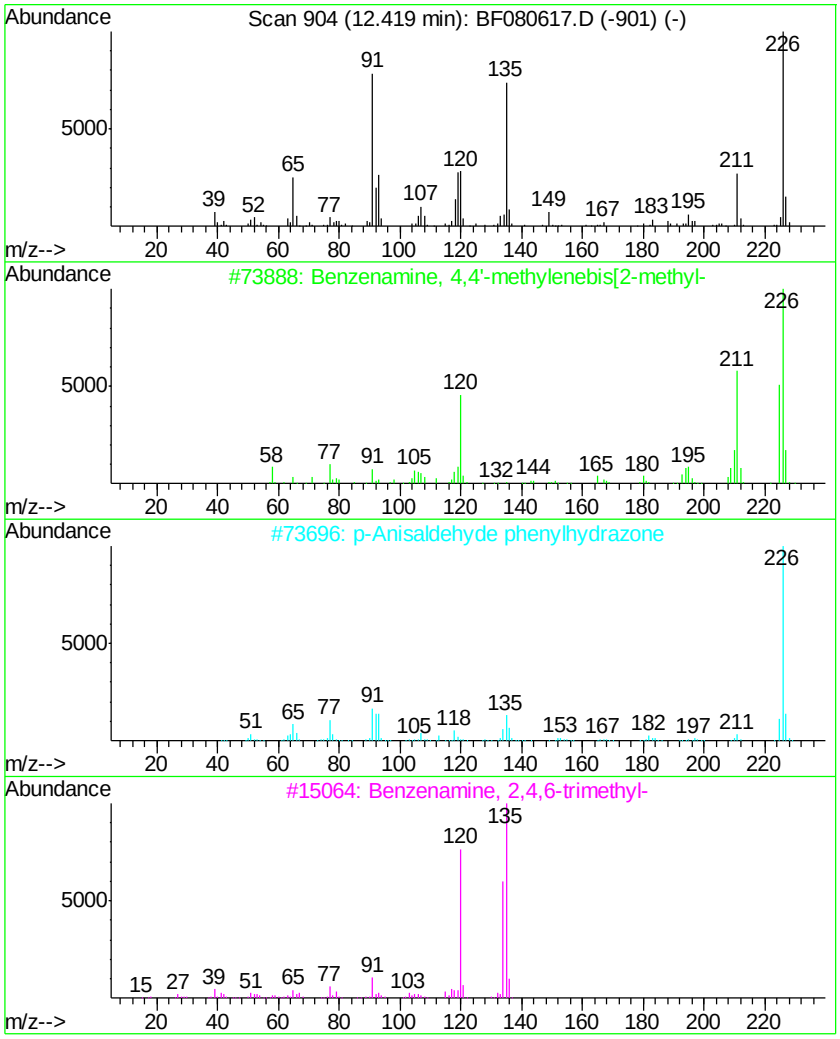
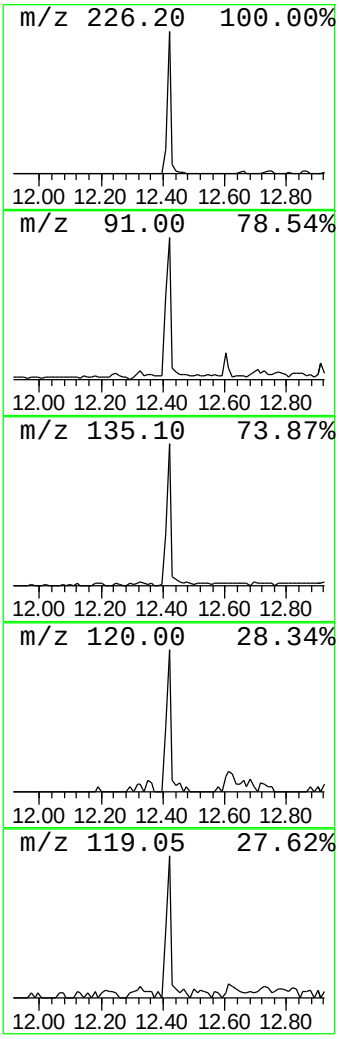
Peak Number 5 unknown12.42 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	8.57 ng	236931	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	43
2	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	38
3	Benzenamine, 2,4,6-trimethyl-	135	C9H13N	000088-05-1	30
4	2-(Methylthio)phenazine	226	C13H10N2S	005752-54-5	27
5	N-Adamantan-1-ylmethyl-2-methoxy...	349	C19H27NO3S	1000296-45-2	22





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Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.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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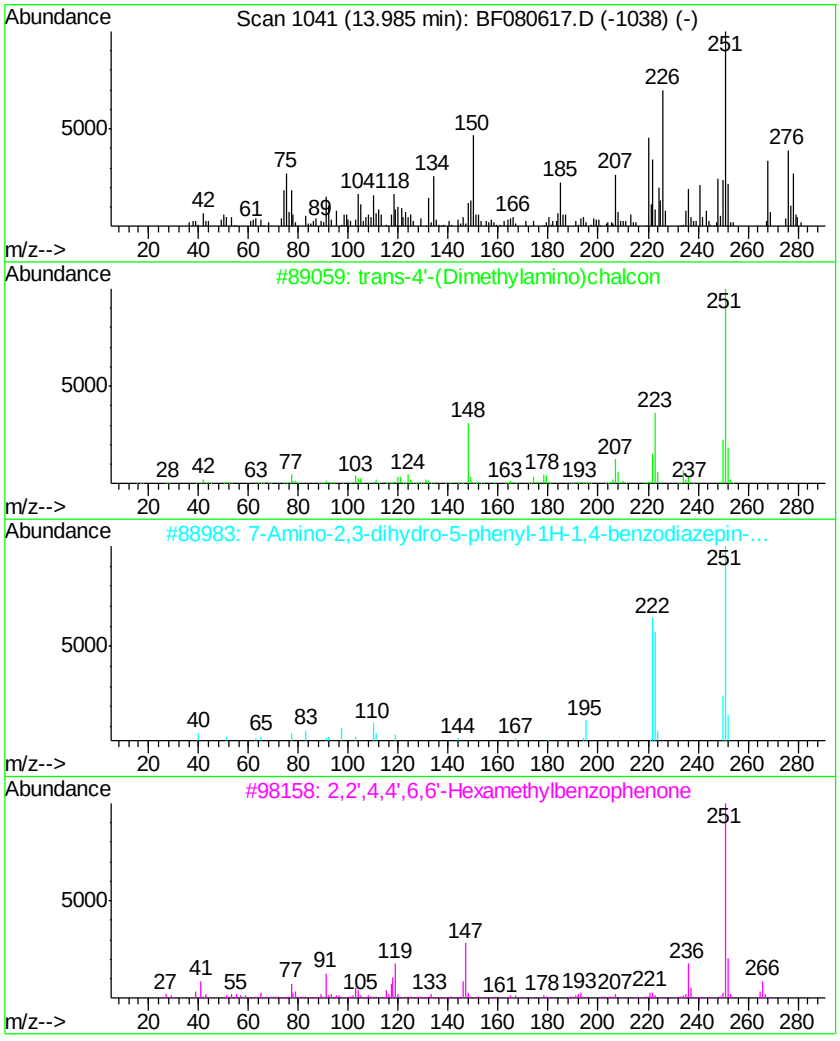
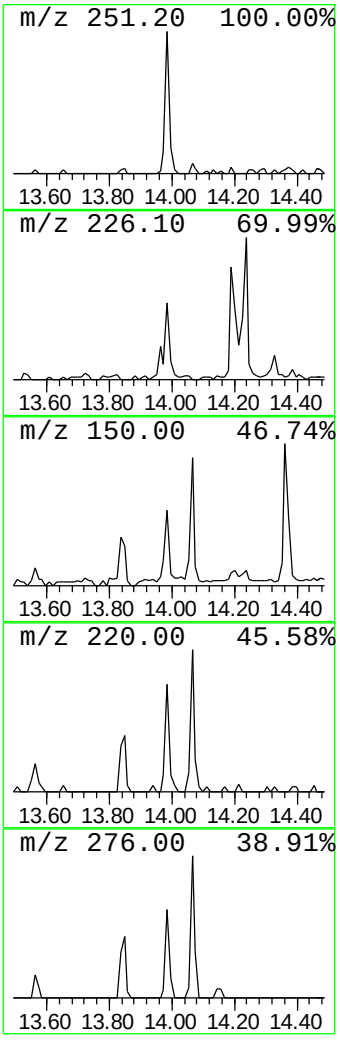
Peak Number 6 unknown13.99 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	4.93 ng	194543	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4'-(Dimethylamino)chalcon	251	C17H17NO	038239-50-8	25
2	7-Amino-2,3-dihydro-5-phenyl-1H-...	251	C15H13N3O	004928-02-3	25
3	2,2',4,4',6,6'-Hexamethylbenzoph...	266	C19H22O	005623-45-0	22
4	2-Benzo[1,3]dioxol-5-yl-7-methyl...	251	C16H13NO2	1000274-75-9	22
5	3-[4-Methoxyphenyl]quinolin-4-ol	251	C16H13NO2	1000254-66-9	22





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080617.D
Acq On : 24 Jul 2015 3:57
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

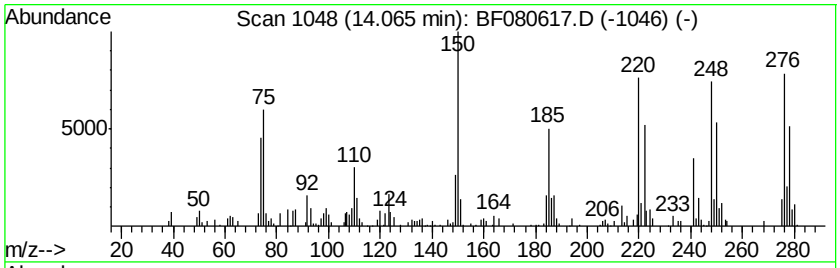
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

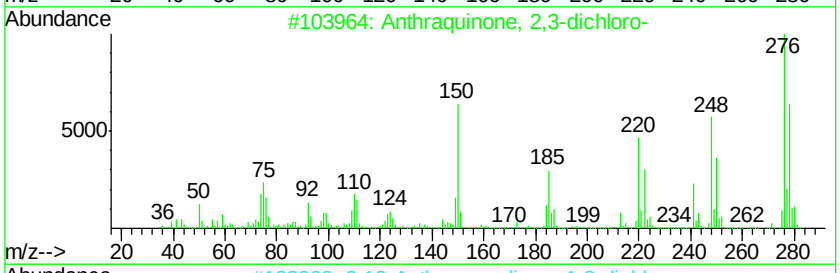
****

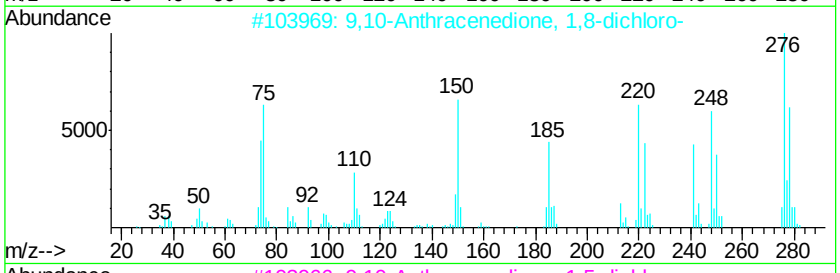
Peak Number 7 Anthraquinone, 2,3-dichloro- Concentration Rank 20

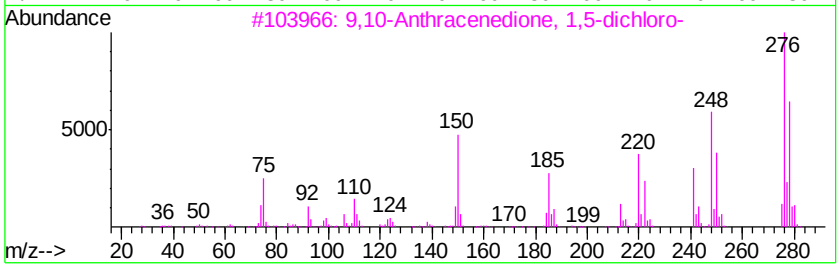
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	4.40 ng	173695	Chrysene-d12	14.20

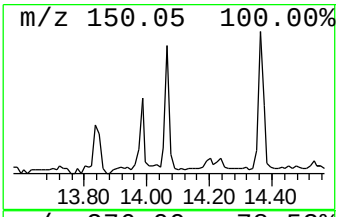
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthraquinone, 2,3-dichloro-	276	C14H6Cl2O2	000084-45-7	99
2	9,10-Anthracenedione, 1,8-dichloro-	276	C14H6Cl2O2	000082-43-9	99
3	9,10-Anthracenedione, 1,5-dichloro-	276	C14H6Cl2O2	000082-46-2	96
4	9H-Fluoren-9-one, 3,6-dichloro-	248	C13H6Cl2O	034223-82-0	90
5	11H-Dibenzo[c,f][1,2]diazepin-11...	276	C13H6Cl2N2O	000958-00-9	89

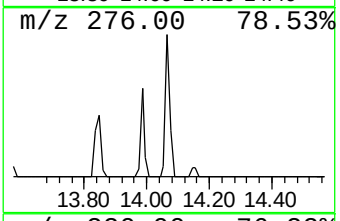


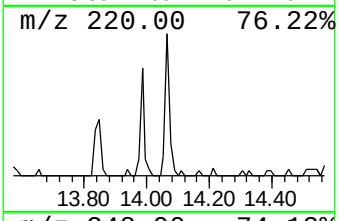


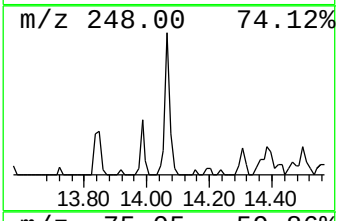


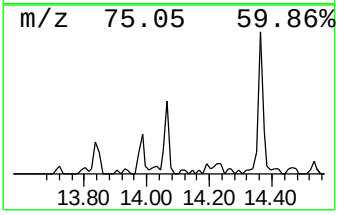












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Acq On : 24 Jul 2015 3:57
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.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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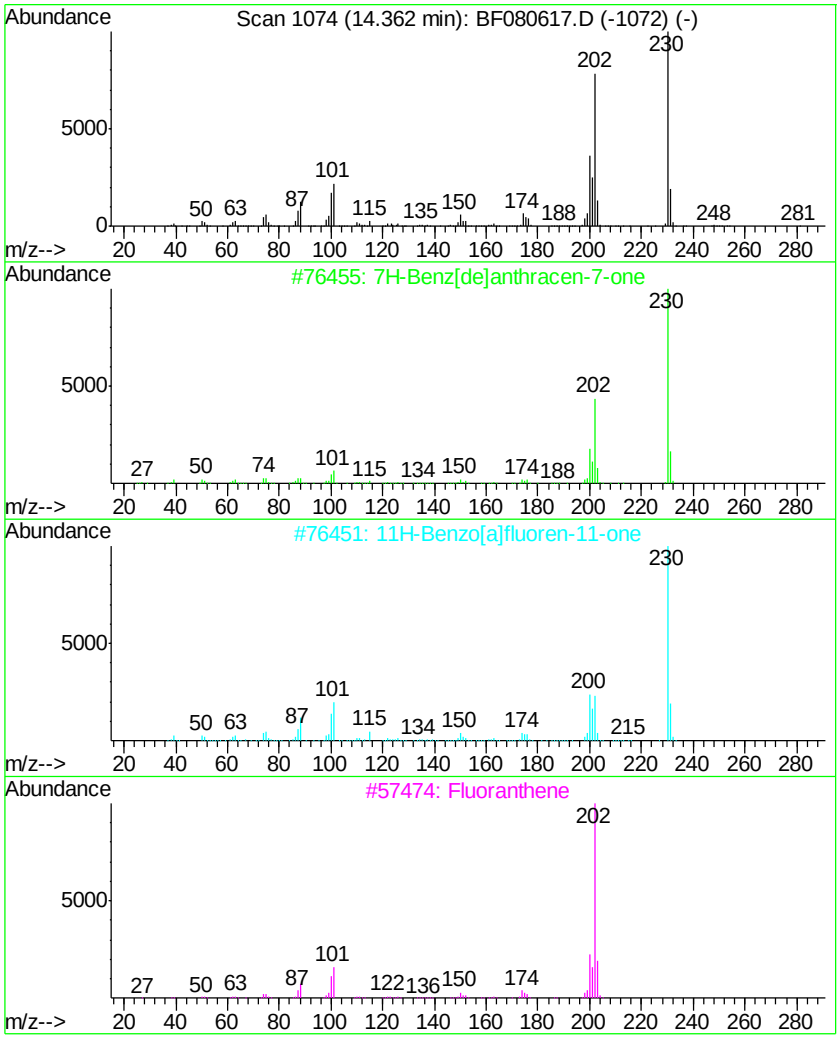
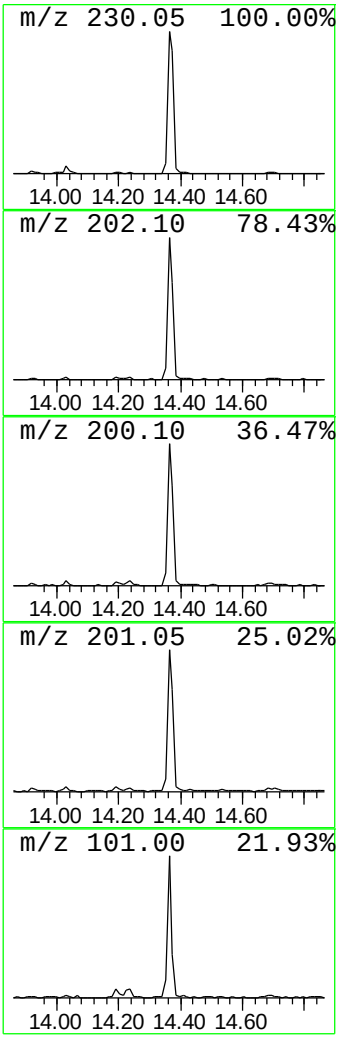
Peak Number 8 7H-Benz[de]anthracen-7-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	30.59 ng	1206400	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	98
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
3	Fluoranthene	202	C16H10	000206-44-0	91
4	Pyrene	202	C16H10	000129-00-0	86
5	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	76





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Instrument : BNA_F
ClientSampleId : CONC1

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

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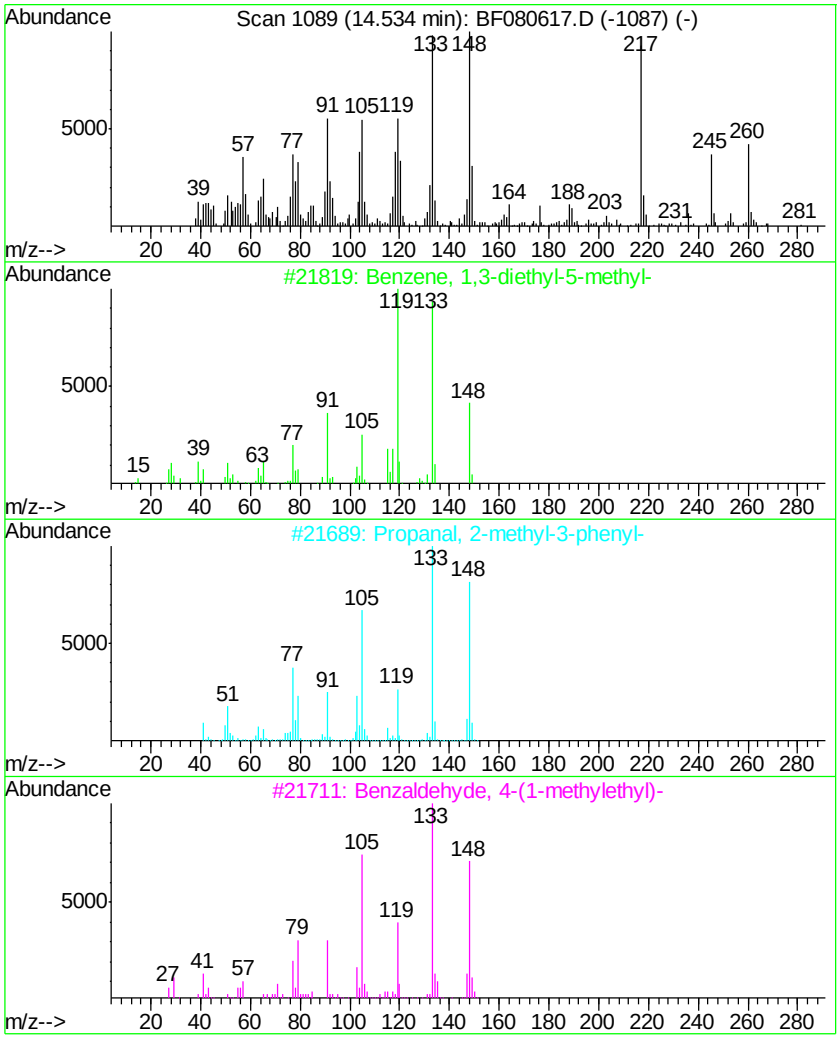
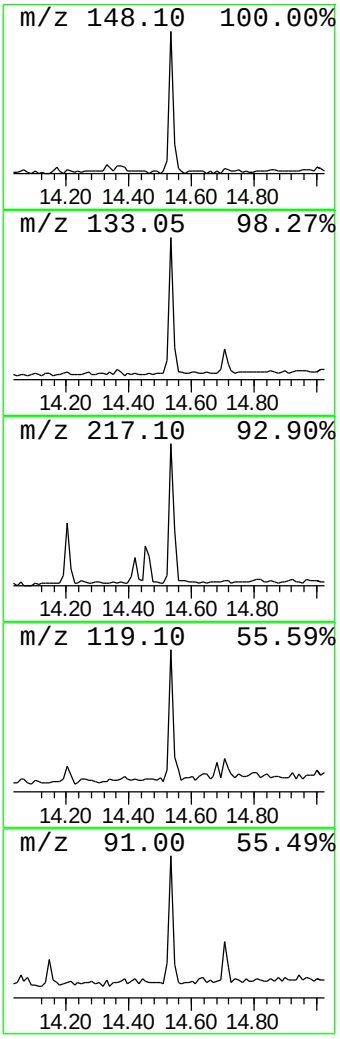
Peak Number 9 unknown14.53 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	10.92 ng	430579	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	46
2	Propanal, 2-methyl-3-phenyl-	148	C10H12O	1000131-87-6	42
3	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	41
4	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	41
5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	41





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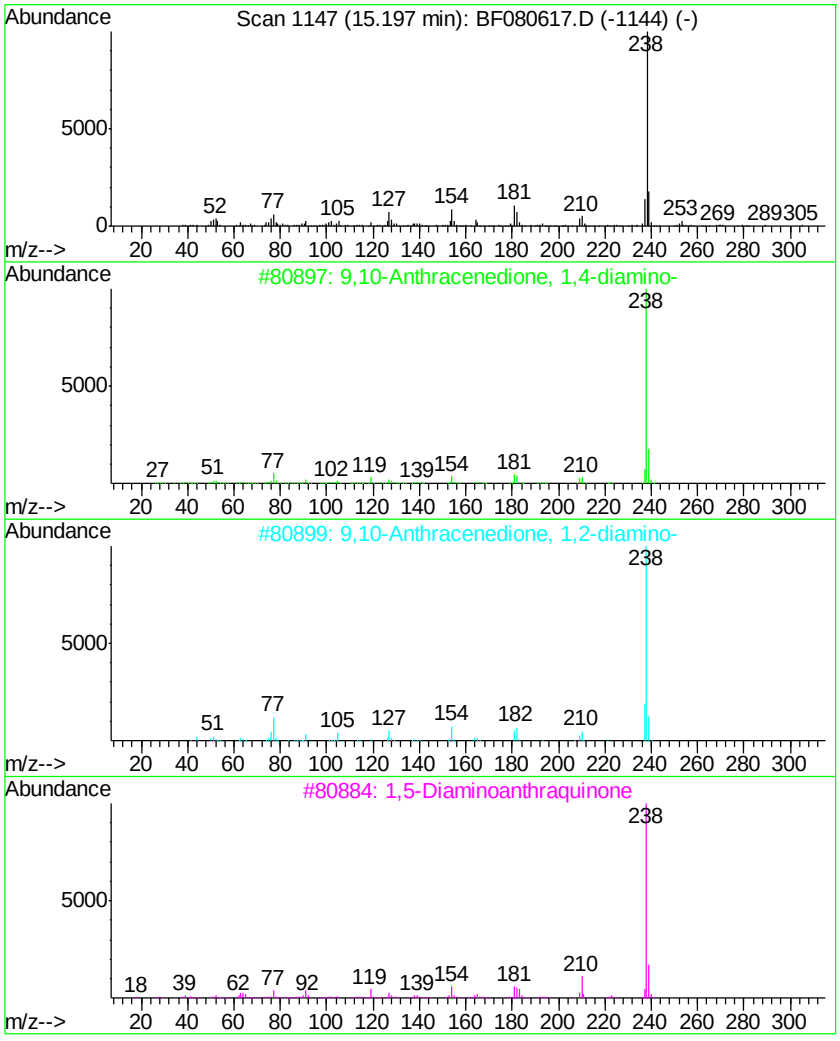
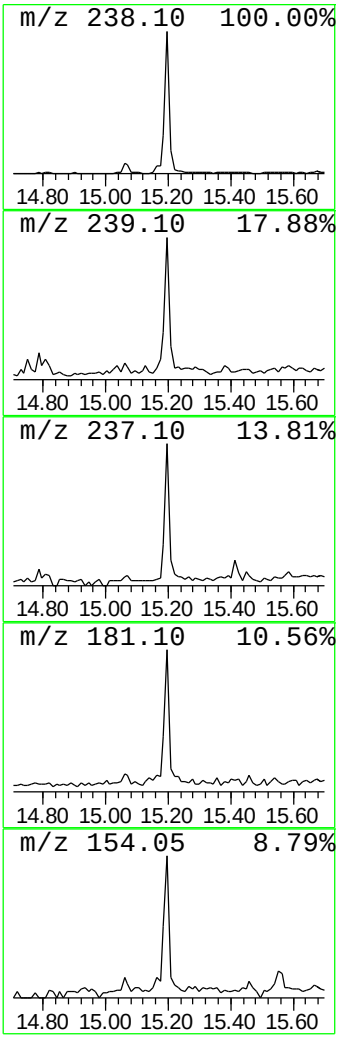
Peak Number 10 9,10-Anthracenedione, 1,4-d... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	13.56 ng	289211	Perylene-d12	15.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 1,4-diamino-	238	C14H10N2O2	000128-95-0	95
2	9,10-Anthracenedione, 1,2-diamino-	238	C14H10N2O2	001758-68-5	91
3	1,5-Diaminoanthraquinone	238	C14H10N2O2	000129-44-2	83
4	1-Hydroxy-4-methylanthraquinone	238	C15H10O3	039008-90-7	72
5	2-Amino-5-isopropyl-3,8-dimethyl...	238	C16H18N2	093018-84-9	72





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ALS Vial : 26 Sample Multiplier: 1

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

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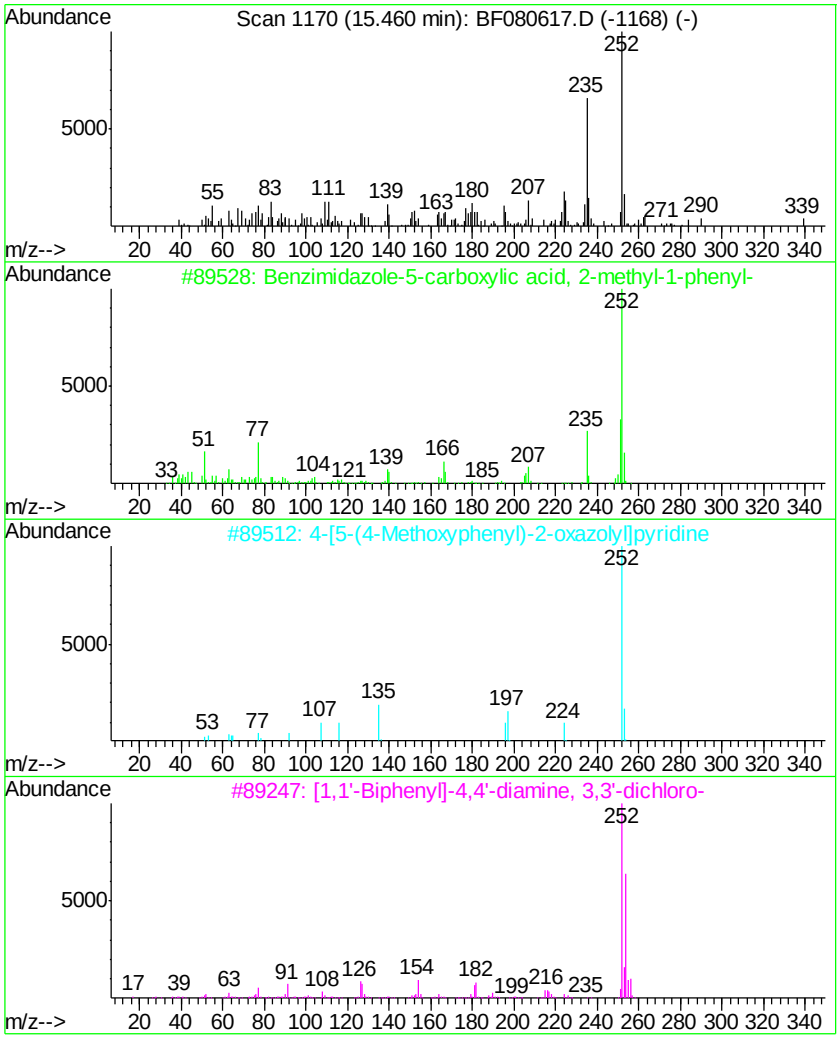
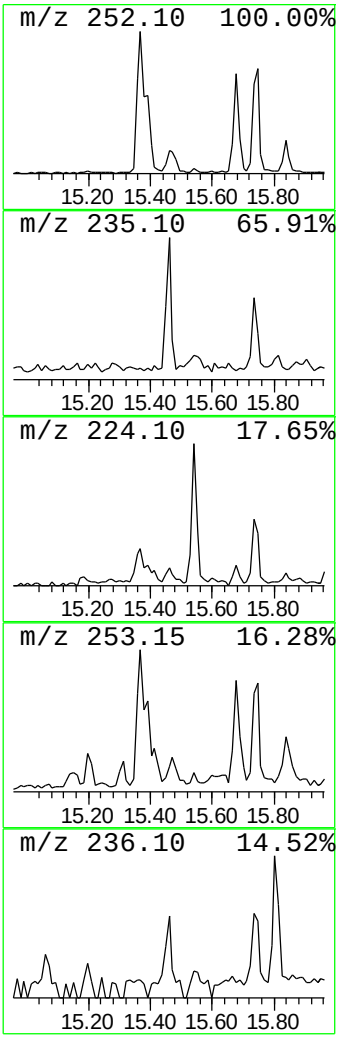
Peak Number 11 unknown15.46 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	6.09 ng	129916	Perylene-d12	15.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzimidazole-5-carboxylic acid,...	252	C15H12N2O2	092437-43-9	47
2	4-[5-(4-Methoxyphenyl)-2-oxazoly...	252	C15H12N2O2	096753-33-2	43
3	[1,1'-Biphenyl]-4,4'-diamine, 3,...	252	C12H10Cl2N2	000091-94-1	41
4	1,2,3,4-Tetrahydropyridino[1,2-a...	252	C15H12N2O2	025219-83-4	41
5	12-H-Benzimidazo(2,1-b)-1,3-benz...	252	C14H8N2OS	063586-54-9	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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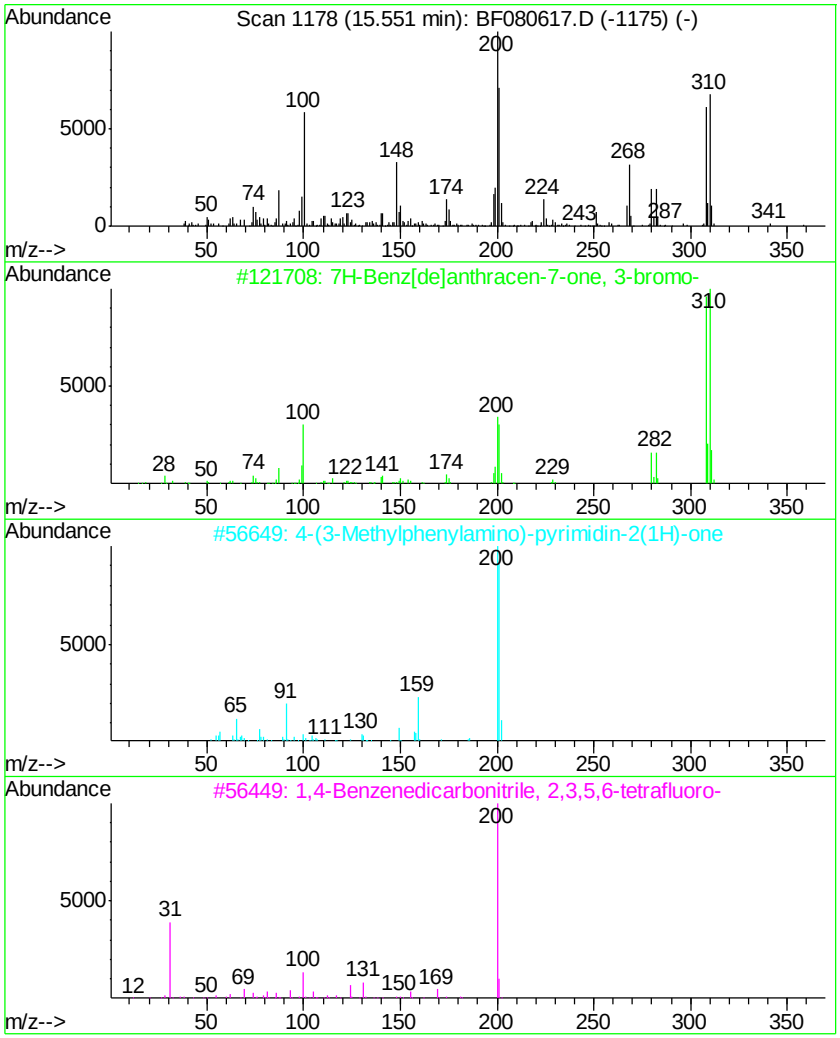
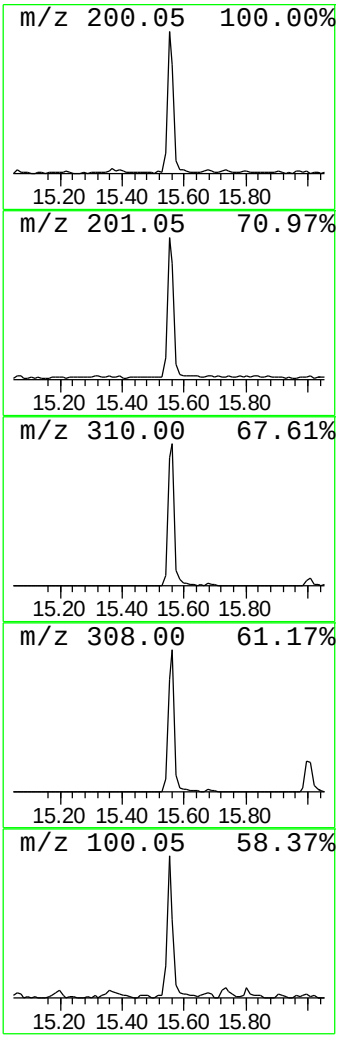
Peak Number 12 7H-Benz[de]anthracen-7-one,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	43.05 ng	918200	Perylene-d12	15.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one, 3-br...	308	C17H9BrO	000081-96-9	99
2	4-(3-Methylphenylamino)-pyrimidi...	201	C11H11N3O	127970-30-3	22
3	1,4-Benzenedicarbonitrile, 2,3,5...	200	C8F4N2	001835-49-0	14
4	Tetrafluoroisophthalonitrile	200	C8F4N2	002377-81-3	14
5	1H-Cyclopenta[c]quinoline-4-thio...	201	C12H11NS	015882-29-8	12





Library Search Compound Report

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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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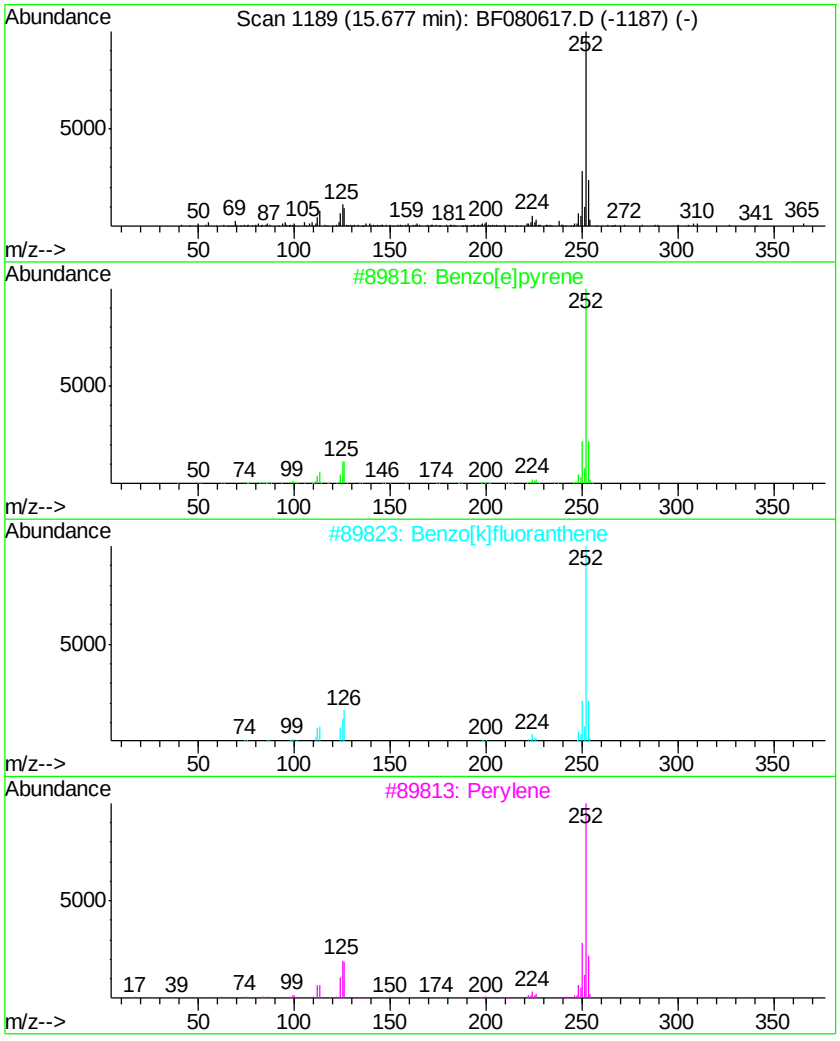
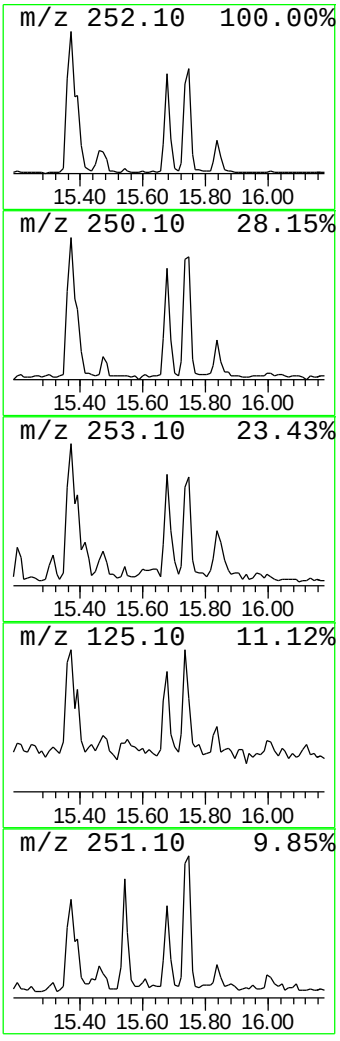
Peak Number 13 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	8.73 ng	186145	Perylene-d12	15.80

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	94
3	Perylene	252	C20H12	000198-55-0	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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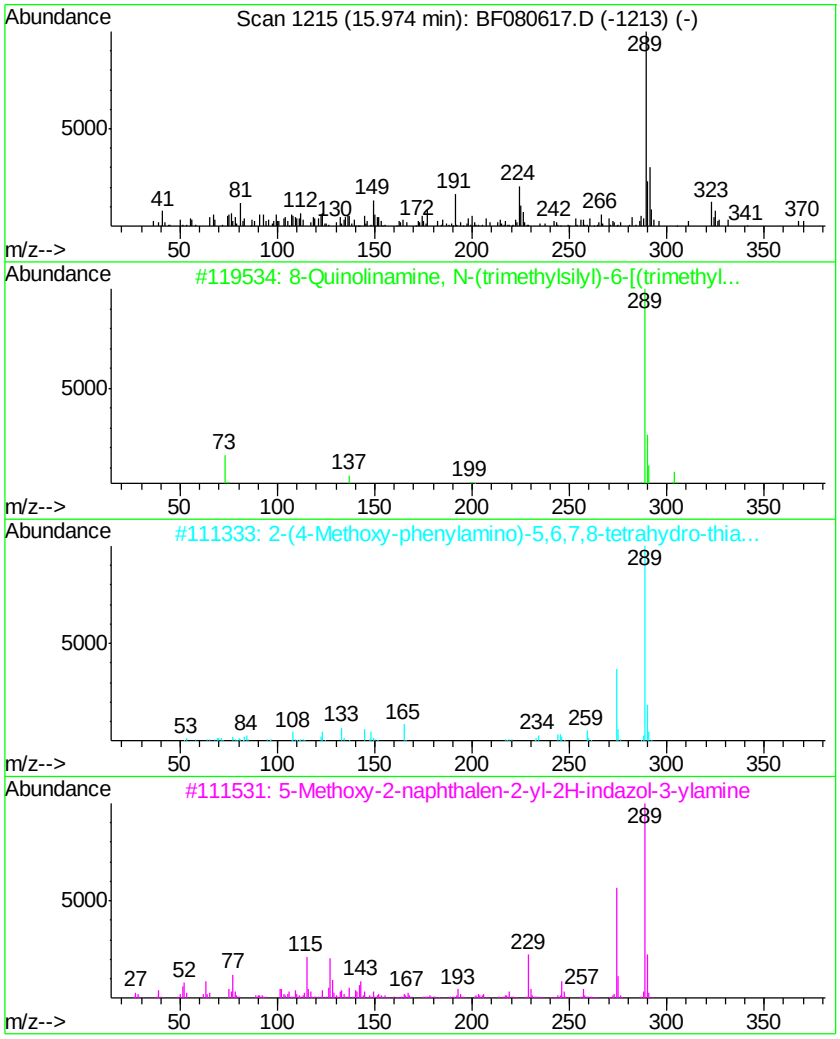
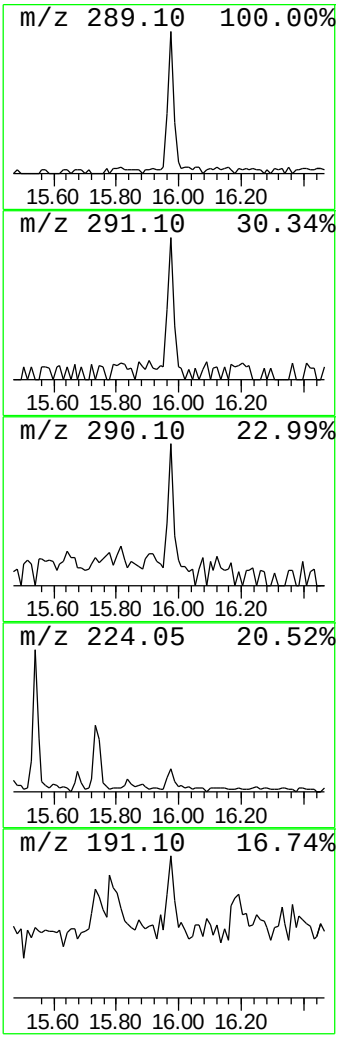
Peak Number 14 8-Quinolinamine, N-(trimeth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	4.75 ng	101387	Perylene-d12	15.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Quinolinamine, N-(trimethylsil...	304	C15H24N2OSi2	036972-87-9	50
2	2-(4-Methoxy-phenylamino)-5,6,7,...	289	C14H15N3O2S	1000286-32-5	47
3	5-Methoxy-2-naphthalen-2-yl-2H-i...	289	C18H15N3O	1000194-50-2	47
4	2-Cyanmethyl-8cyan-6(4-methoxyph...	289	C16H11N5O	132012-04-5	46
5	Cobalt, bis[(1,2,3,3a,7a-.eta.)-...	289	C18H14Co	033056-04-1	43





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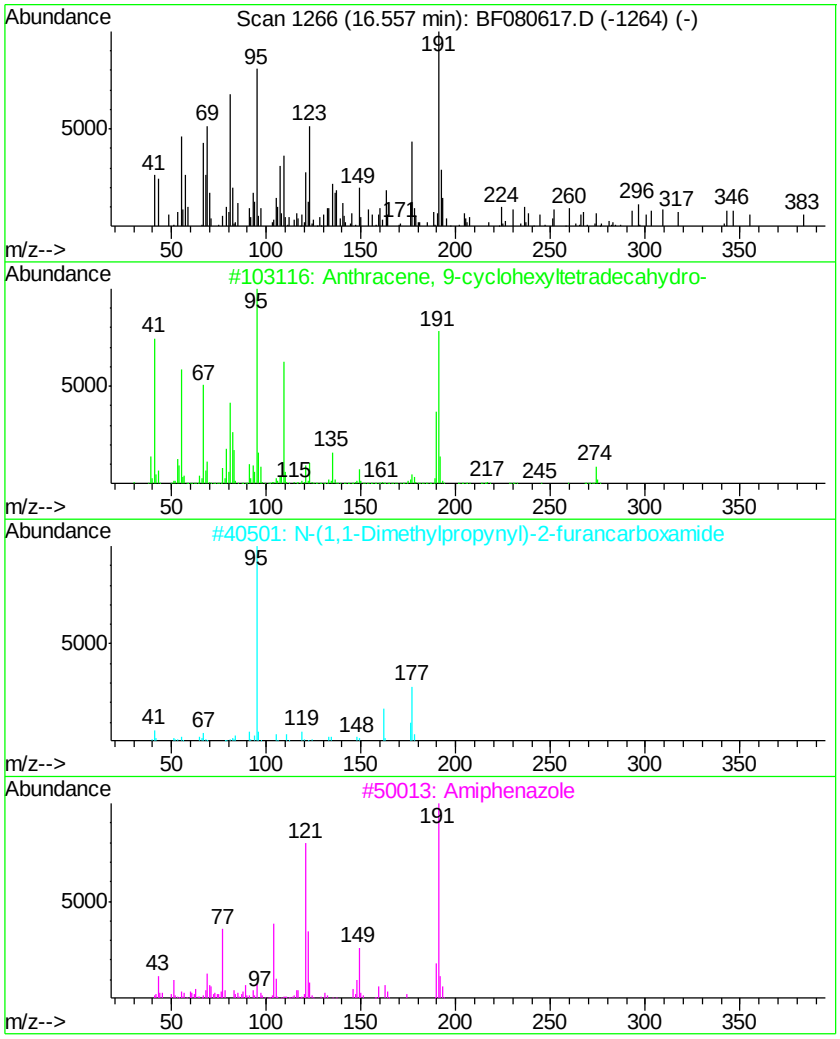
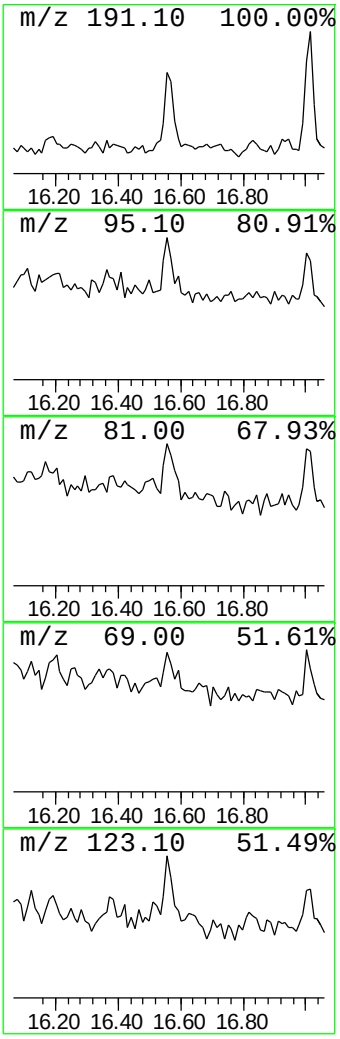
Peak Number 15 unknown16.56 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	9.12 ng	194559	Perylene-d12	15.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	30
2	N-(1,1-Dimethylpropynyl)-2-furan...	177	C10H11NO2	039108-97-9	22
3	Amiphenazole	191	C9H9N3S	000490-55-1	22
4	Tricyclohexylborane	260	C18H33B	001088-01-3	22
5	4H-1,3-Benzodioxin-4-one, 2-(1,1...	266	C16H26O3	124899-18-9	22





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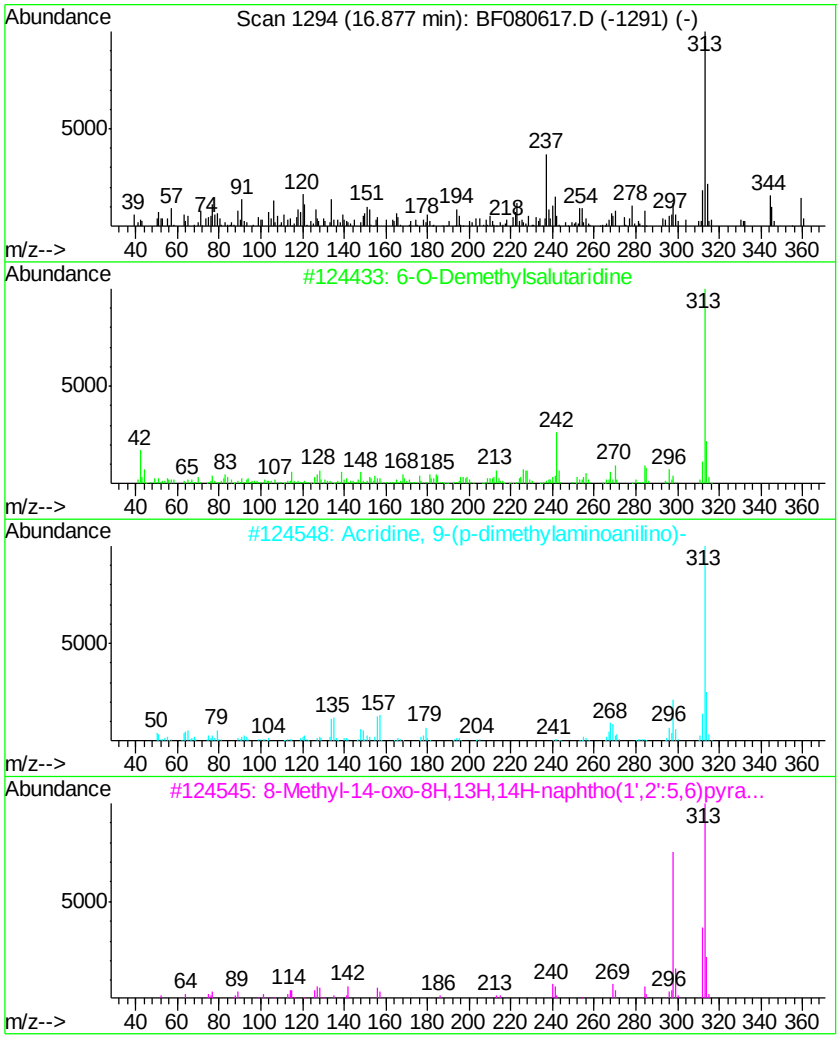
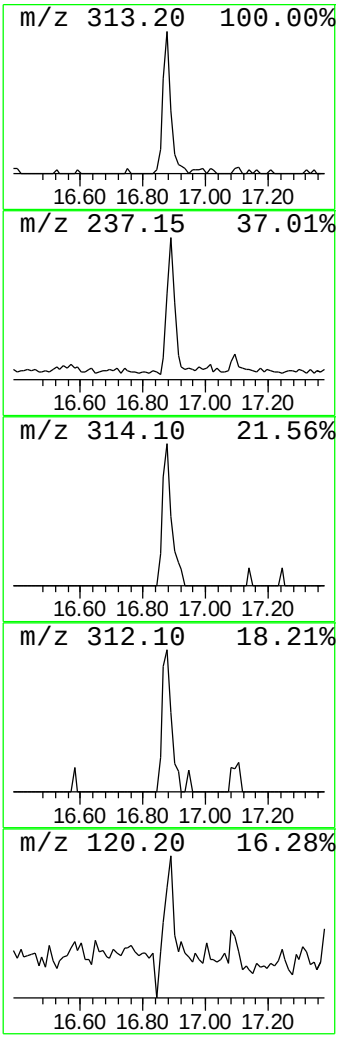
Peak Number 16 6-O-Demethylsalutaridine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	10.44 ng	222596	Perylene-d12	15.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-O-Demethylsalutaridine	313	C18H19NO4	1000127-84-6	60
2	Acridine, 9-(p-dimethylaminoanil...	313	C21H19N3	013365-38-3	60
3	8-Methyl-14-oxo-8H,13H,14H-napht...	313	C21H15NO2	059050-20-3	50
4	Morphinan-7-one, 5,6-didehydro-3...	313	C19H23NO3	055101-91-2	47
5	Ethylmorphine	313	C19H23NO3	000076-58-4	47





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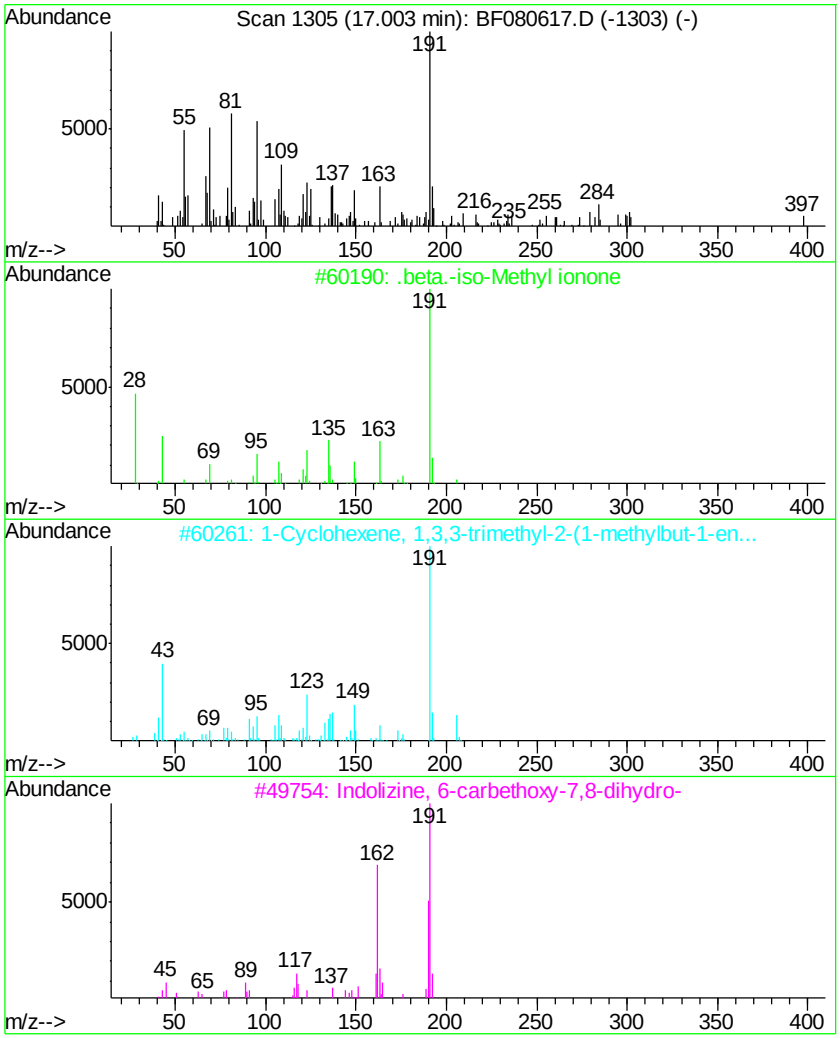
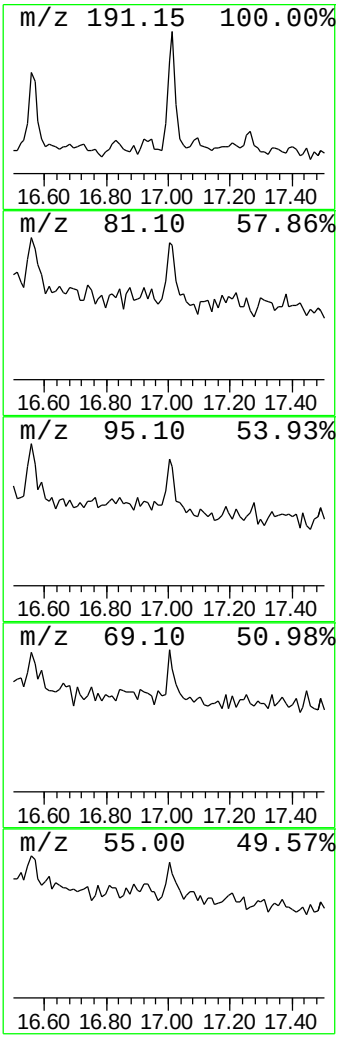
Peak Number 17 unknown17.00 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	7.49 ng	159848	Perylene-d12	15.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	37
3	Indolizine, 6-carbethoxy-7,8-dih...	191	C11H13NO2	1000131-05-8	35
4	Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21NO2	036646-87-4	32
5	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080617.D
Acq On : 24 Jul 2015 3:57
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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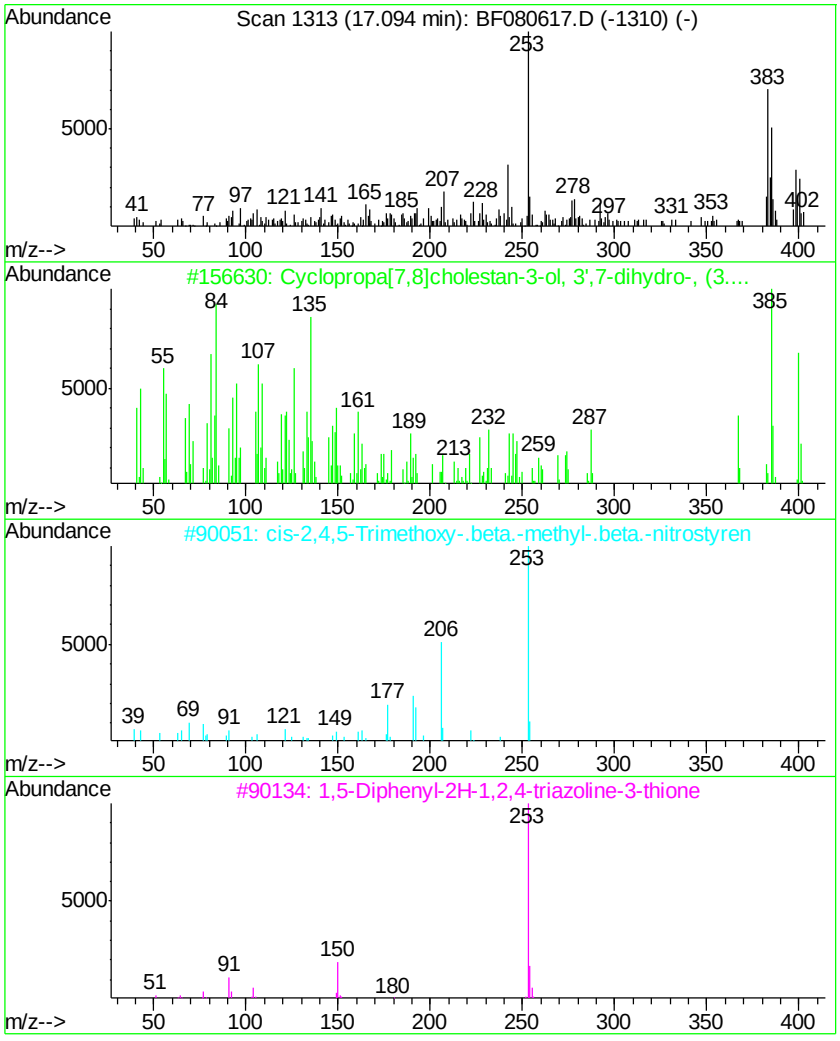
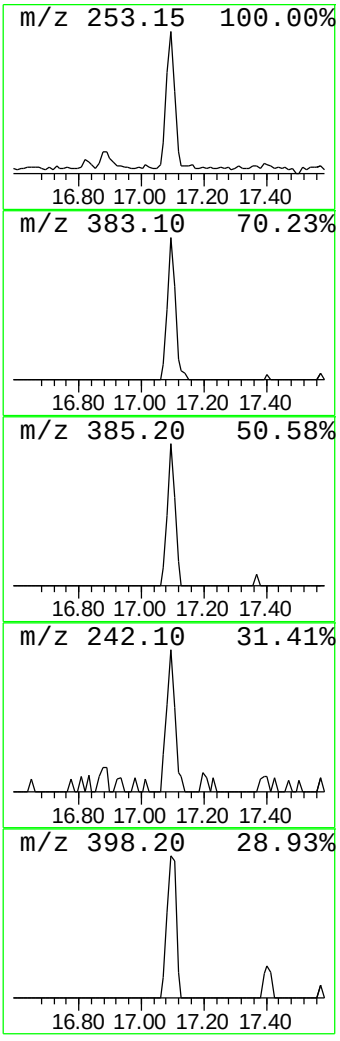
Peak Number 18 unknown17.09 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	14.33 ng	305616	Perylene-d12	15.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropa[7,8]cholestan-3-ol, 3...	400	C28H48O	053755-39-8	25
2	cis-2,4,5-Trimethoxy-.beta.-meth...	253	C12H15NO5	017231-84-4	20
3	1,5-Diphenyl-2H-1,2,4-triazoline...	253	C14H11N3S	005055-74-3	18
4	2-Amino-7-benzyl-4-hydroxypteridine	253	C13H11N5O	049647-55-4	18
5	2-Cyano-7-methyl-4,6,7,11b-tetra...	296	C19H24N2O	1000280-69-8	18





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080617.D
Acq On : 24 Jul 2015 3:57
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.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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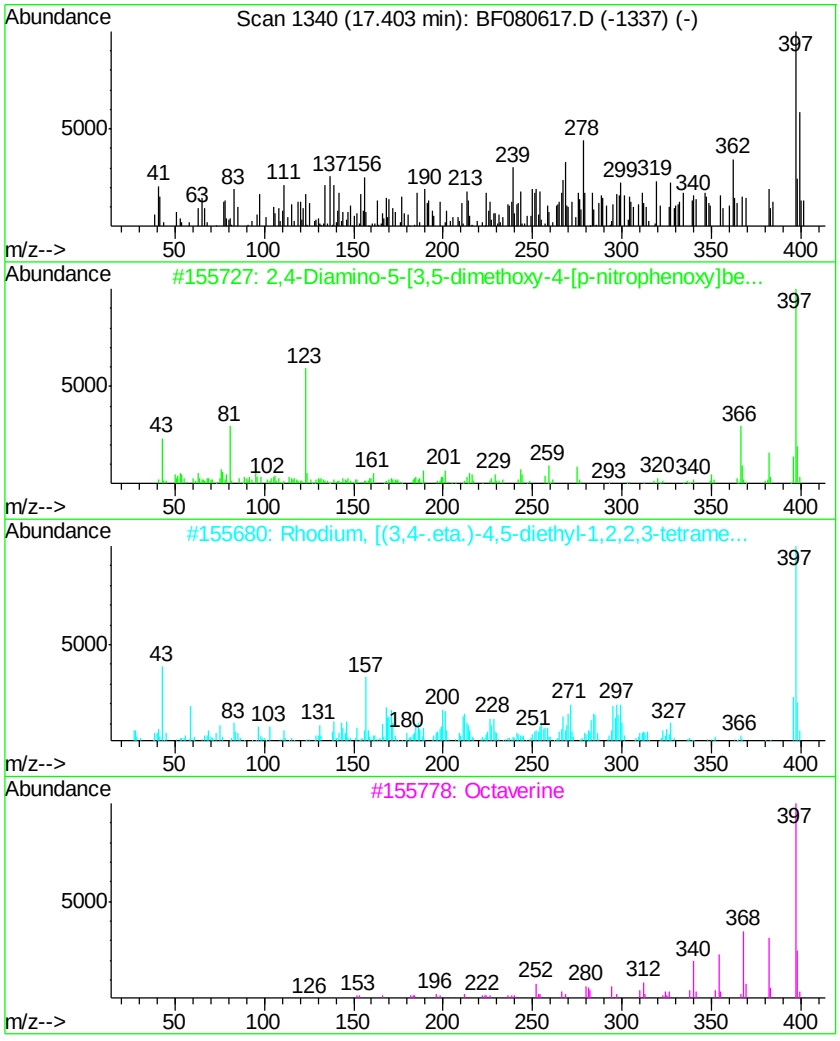
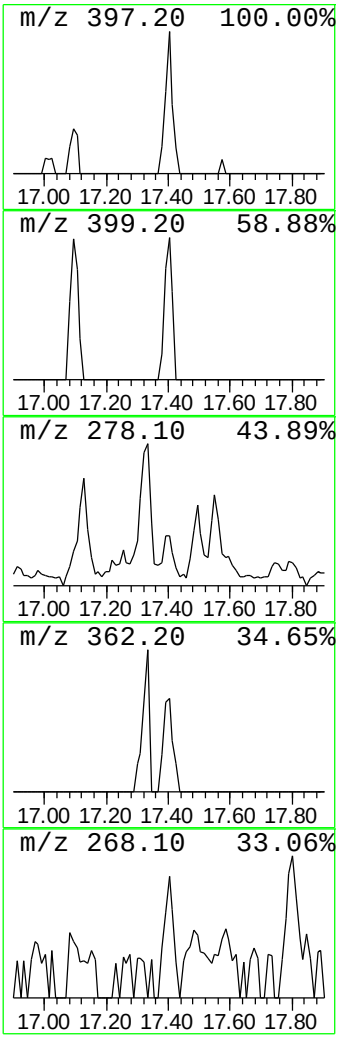
Peak Number 19 unknown17.40 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	7.55 ng	160945	Perylene-d12	15.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diamino-5-[3,5-dimethoxy-4-[...	397	C19H19N5O5	071525-08-1	35
2	Rhodium, [(3,4-.eta.)-4,5-diethy...	397	C15H29BNO2RhSi	122312-91-8	27
3	Octaverine	397	C23H27NO5	000549-68-8	25
4	Iodoquinol	397	C9H5I2NO	000083-73-8	14
5	Tritriaconta-2-one, 24,25-bis(th...	570	C35H70OS2	1000111-39-8	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080617.D
Acq On : 24 Jul 2015 3:57
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.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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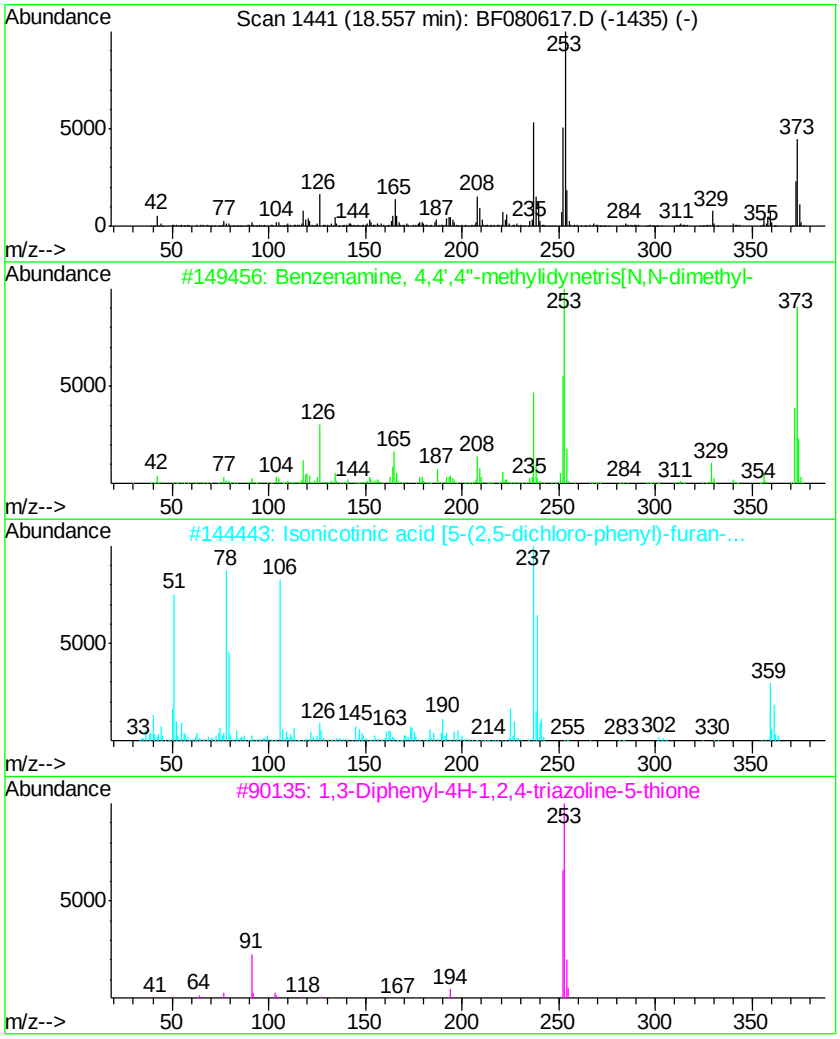
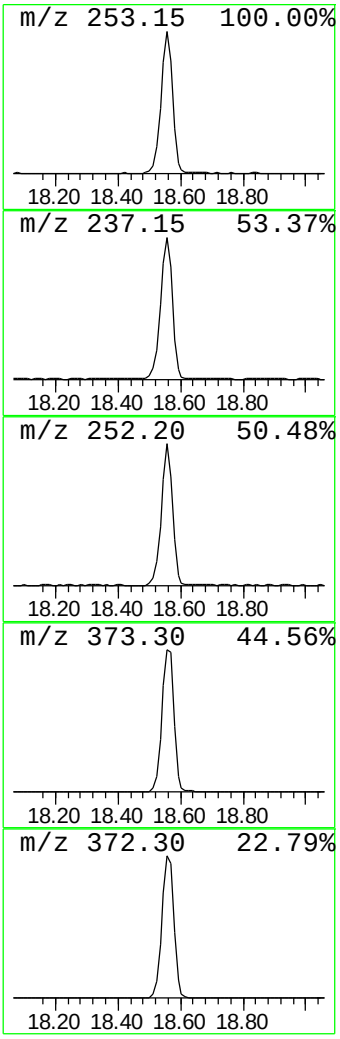
Peak Number 20 Benzenamine, 4,4',4''-methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	117.07 ng	2497240	Perylene-d12	15.80

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	53
3	1,3-Diphenyl-4H-1,2,4-triazoline...	253	C14H11N3S	005055-73-2	43
4	3,5,6-Trimethyl-p-quinone, 2-(2,...	280	C13H12O5S	126848-01-9	38
5	2-(2-Furyl)-7-methyl-4-quinoline...	253	C15H11NO3	1000225-08-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080617.D
Acq On : 24 Jul 2015 3:57
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.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
unknown6.70	6.70	11.8	ng	157474	1	6.94	267200	20.0
N1,N1-Diethyl-3-m...	10.20	5.1	ng	81394	3	10.00	321753	20.0
9,10-Anthracenedione	12.29	36.3	ng	1004320	4	11.48	553212	20.0
unknown12.42	12.42	8.6	ng	236931	4	11.48	553212	20.0
unknown13.99	13.99	4.9	ng	194543	5	14.20	788827	20.0
Anthraquinone, 2,...	14.07	4.4	ng	173695	5	14.20	788827	20.0
7H-Benz[de]anthra...	14.36	30.6	ng	1206400	5	14.20	788827	20.0
unknown14.53	14.53	10.9	ng	430579	5	14.20	788827	20.0
9,10-Anthracenedi...	15.20	13.6	ng	289211	6	15.80	426620	20.0
unknown15.46	15.46	6.1	ng	129916	6	15.80	426620	20.0
7H-Benz[de]anthra...	15.55	43.0	ng	918200	6	15.80	426620	20.0
Benzo[e]pyrene	15.68	8.7	ng	186145	6	15.80	426620	20.0
8-Quinolinamine, ...	15.97	4.8	ng	101387	6	15.80	426620	20.0
unknown16.56	16.56	9.1	ng	194559	6	15.80	426620	20.0
6-O-Demethylsalut...	16.88	10.4	ng	222596	6	15.80	426620	20.0
unknown17.00	17.00	7.5	ng	159848	6	15.80	426620	20.0
unknown17.09	17.09	14.3	ng	305616	6	15.80	426620	20.0
unknown17.40	17.40	7.5	ng	160945	6	15.80	426620	20.0
Benzenamine, 4,4'...	18.56	117.1	ng	2497240	6	15.80	426620	20.0