LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086432.D
Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

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-BF042716.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	6.464	380	383	385	rBV	736061	962909	2.96%	0.964%
2	6.807	410	413	415	rBV	432377	636770	1.96%	0.637%
3	8.087	523	525	535	rBV	1041258	997578	3.06%	0.998%
4	9.836	676	678	681	rBV2	746062	951123	2.92%	0.952%
5	10.568	733	742	744	rBV	8666676	32559646	100.00%	32.584%
6	10.991	777	779	784	rBV	334917	410228	1.26%	0.411%
7	11.276	802	804	807	rBV	1295065	1301757	4.00%	1.303%
8	11.322	807	808	812	rVB	668766	736181	2.26%	0.737%
9	11.379	812	813	815	rBV	401900	400289	1.23%	0.401%
10	11.436	815	818	824	rVB2	2364218	3834856	11.78%	3.838%
11	11.573	827	830	832	rBV	3799054	5246069	16.11%	5.250%
12	11.688	837	840	842	rVV	4269620	4992955	15.33%	4.997%
13	11.871	851	856	859	rBV	2618131	3436614	10.55%	3.439%
14	11.939	859	862	865	rVV2	440664	547235	1.68%	0.548%
15	12.008	865	868	871	rVV	2667918	3200980	9.83%	3.203%
16	12.191	881	884	886	rBV	1830494	2672032	8.21%	2.674%
17	12.728	929	931	933	rVV	605351	653240	2.01%	0.654%
18	13.082	960	962	966	rBV	521975	790017	2.43%	0.791%
19	13.254	974	977	979	rBV	826635	735959	2.26%	0.737%
20	13.345	983	985	987	rVV	1098035	1604532	4.93%	1.606%
21	13.528	997	1001	1004	rBV	2777076	3635652	11.17%	3.638%
22	13.688	1013	1015	1017	rBV	2593845	2482255	7.62%	2.484%
23	13.871	1022	1031	1034	rBV2	1505507	2407805	7.40%	2.410%
24	13.928	1034	1036	1037	rVV	591415	688708	2.12%	0.689%
25	13.951	1037	1038	1041	rVB	648295	657656	2.02%	0.658%
26	14.225	1059	1062	1064	rBV	387273	344755	1.06%	0.345%
27	14.397	1075	1077	1081	rVV	424056	750241	2.30%	0.751%
28	14.511	1085	1087	1088	rVV2	253589	373780	1.15%	0.374%
29	14.545	1088	1090	1095	rVV	2919254	3440927	10.57%	3.444%
30	14.648	1097	1099	1102	rVV	399079	474997	1.46%	0.475%
31	14.728	1104	1106	1108	rVB	498731	571713	1.76%	0.572%
32	14.991	1127	1129	1131	rBV	361702	536281	1.65%	0.537%
33	15.162	1142	1144	1148	rVV	747442	1009023	3.10%	1.010%
34	15.277	1151	1154	1156	rVB	256397	378925	1.16%	0.379%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086432.D
Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

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-BF042716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.368	1159	1162	1163	rVV	390030	609654	1.87%	0.610%
36	15.402	1163	1165	1167	rVV	748480	1207077	3.71%	1.208%
37	15.437	1167	1168	1181	rVB	739384	1418893	4.36%	1.420%
38	15.677	1185	1189	1195	rBV2	198084	509409	1.56%	0.510%
39	16.111	1224	1227	1230	rVV	373192	694519	2.13%	0.695%
40	16.385	1245	1251	1258	rVB4	98960	357943	1.10%	0.358%
41	16.523	1258	1263	1271	rBV4	102537	396237	1.22%	0.397%
42	16.763	1278	1284	1287	rBV3	964837	2588238	7.95%	2.590%
43	16.877	1287	1294	1300	rVB	620288	2093089	6.43%	2.095%
44	17.220	1319	1324	1333	rVB	192519	579272	1.78%	0.580%
45	17.528	1344	1351	1355	rBV2	1521440	4156878	12.77%	4.160%
46	18.968	1471	1477	1482	rBV2	101627	348376	1.07%	0.349%
47	19.403	1510	1515	1524	rVV	145343	540536	1.66%	0.541%

Sum of corrected areas: 99923809

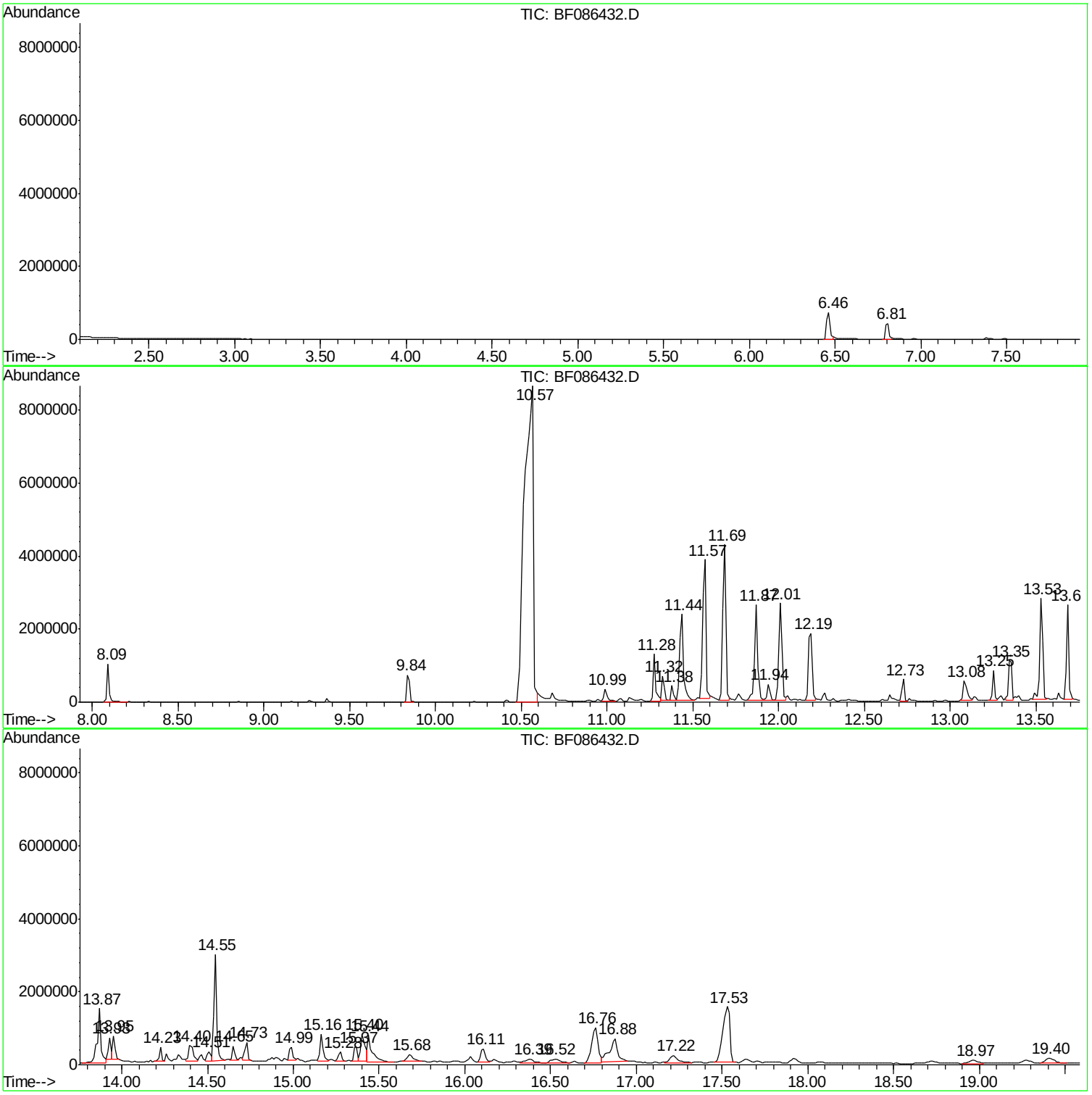
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086432.D
Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086432.D
Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

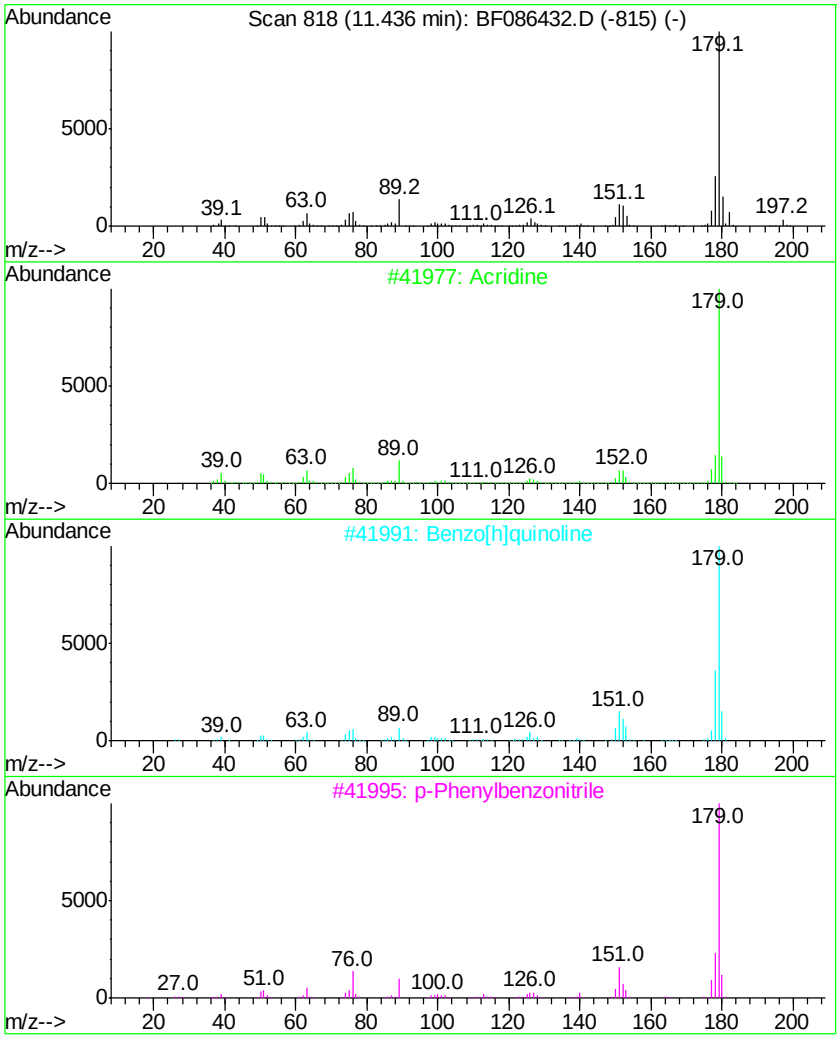
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

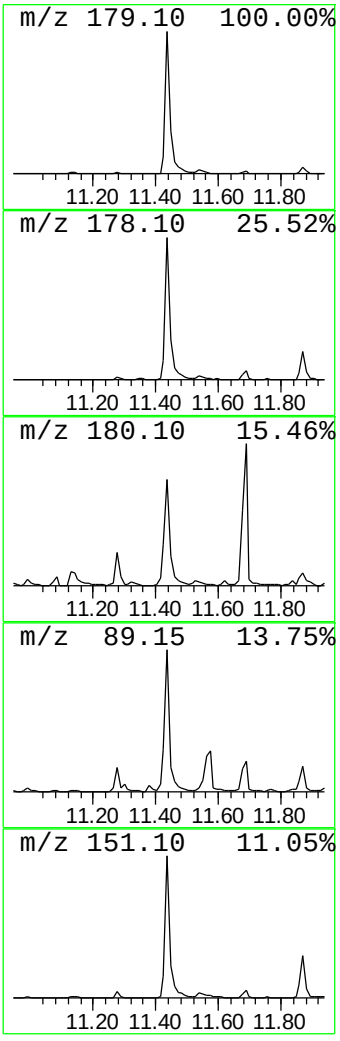
****

Peak Number 1 Acridine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	104.18 ng	3834860	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	95
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	95
3	p-Phenylbenzonitrile	179	C13H9N	002920-38-9	91
4	Benzo[g]quinoline	179	C13H9N	000260-36-6	90
5	Phenanthridine	179	C13H9N	000229-87-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086432.D
Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

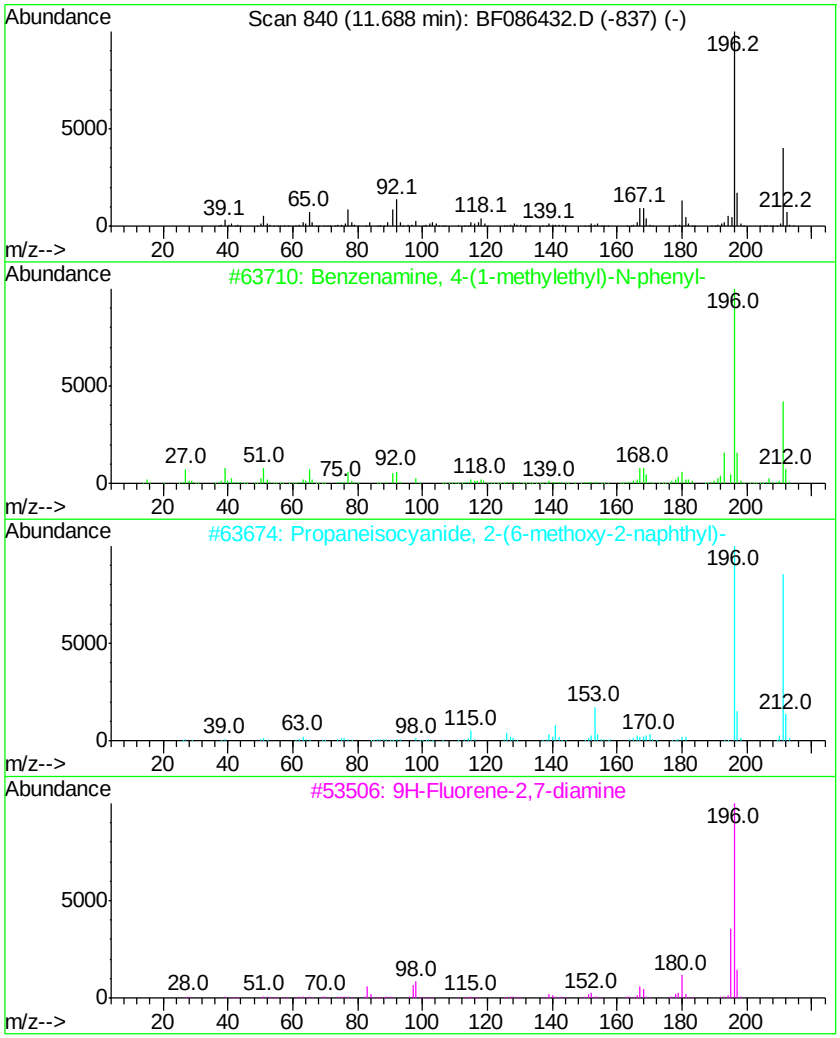
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

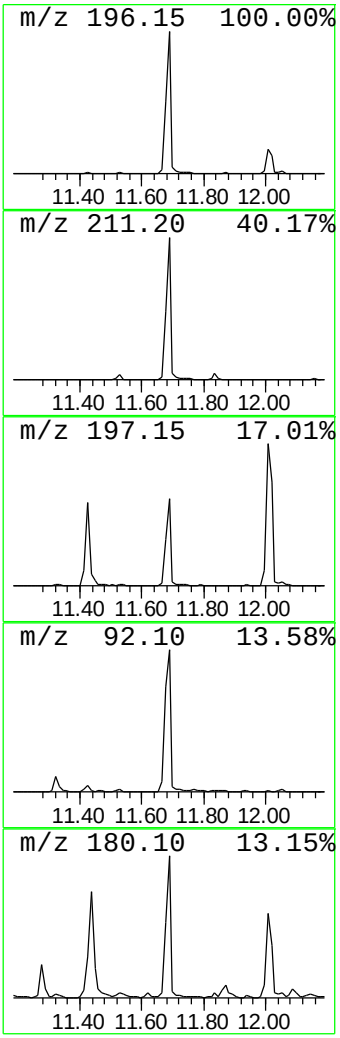
****

Peak Number 2 Benzenamine, 4-(1-methyleth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	135.65 ng	4992960	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4-(1-methylethyl)-N...	211	C15H17N	005650-10-2	91
2	Propaneisocyanide, 2-(6-methoxy-...	211	C14H13NO	133097-33-3	64
3	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	50
4	1-(5-Ethylthio-2-pyrazinyl)-1-pr...	196	C9H12N2OS	1000108-61-3	47
5	2-Hydroxy-9-fluorenone	196	C13H8O2	006949-73-1	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086432.D
Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

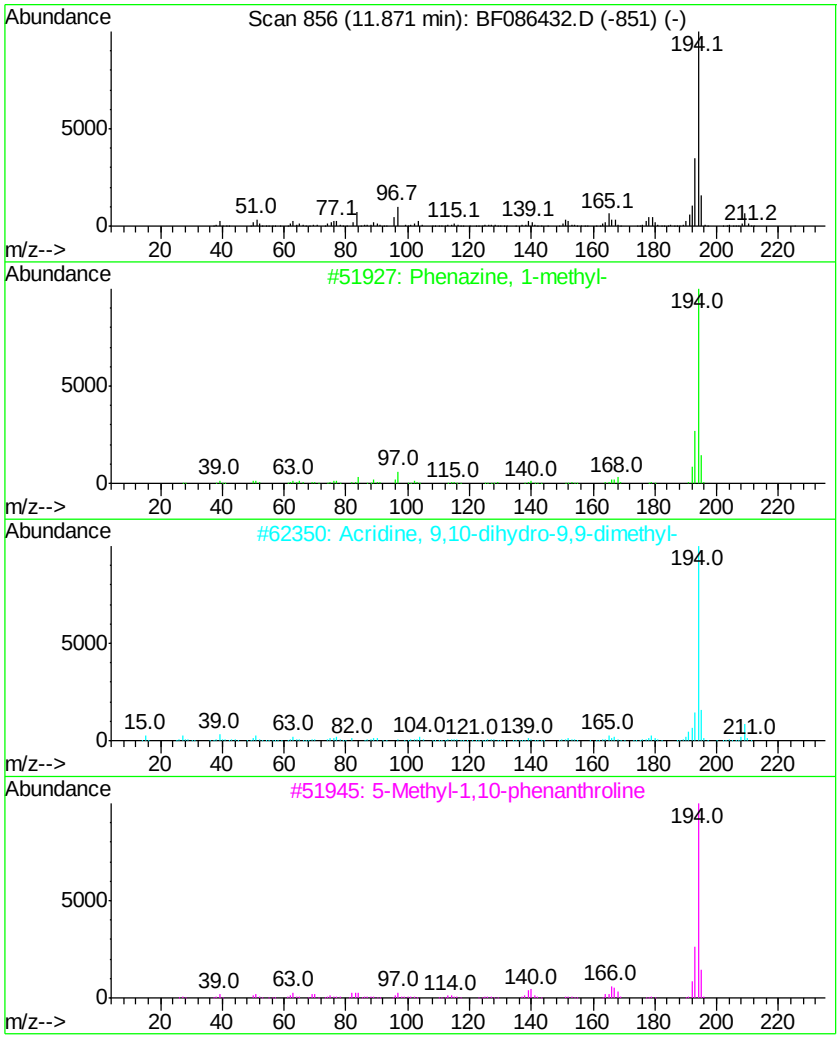
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

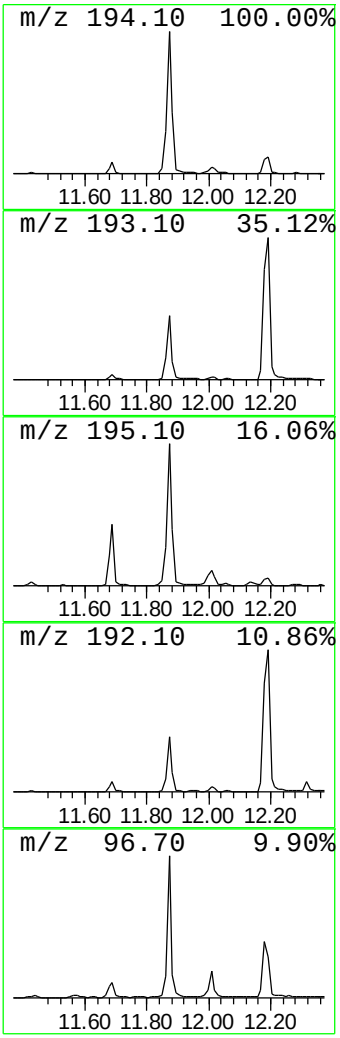
****

Peak Number 3 Phenazine, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	93.36 ng	3436610	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenazine, 1-methyl-	194	C13H10N2	001016-59-7	94
2	Acridine, 9,10-dihydro-9,9-dimet...	209	C15H15N	006267-02-3	91
3	5-Methyl-1,10-phenanthroline	194	C13H10N2	003002-78-6	72
4	1H-Benzimidazole, 2-phenyl-	194	C13H10N2	000716-79-0	53
5	Naphthalene, 2-(1-cyclopenten-1-...	194	C15H14	074793-18-3	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086432.D
Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

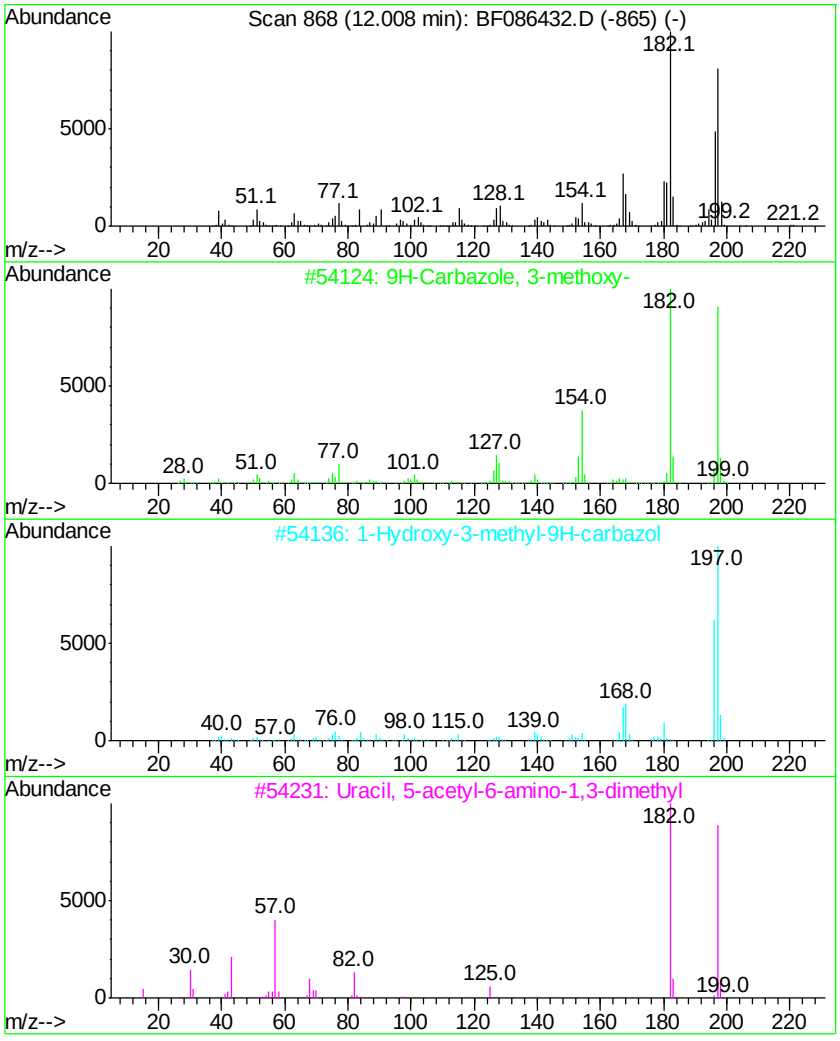
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

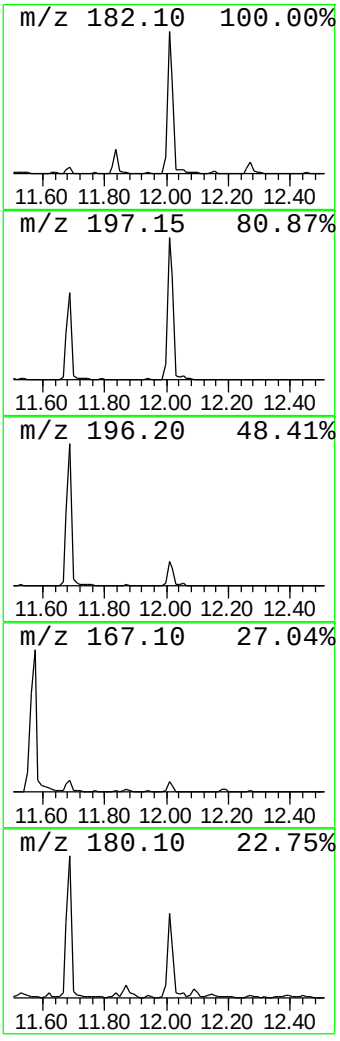
****

Peak Number 4 9H-Carbazole, 3-methoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	86.96 ng	3200980	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 3-methoxy-	197	C13H11NO	018992-85-3	52
2	1-Hydroxy-3-methyl-9H-carbazol	197	C13H11NO	014960-81-7	50
3	Uracil, 5-acetyl-6-amino-1,3-dim...	197	C8H11N3O3	032970-32-4	47
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	46
5	N-Methyl-1-hydroxycarbazole	197	C13H11NO	003449-61-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086432.D
Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

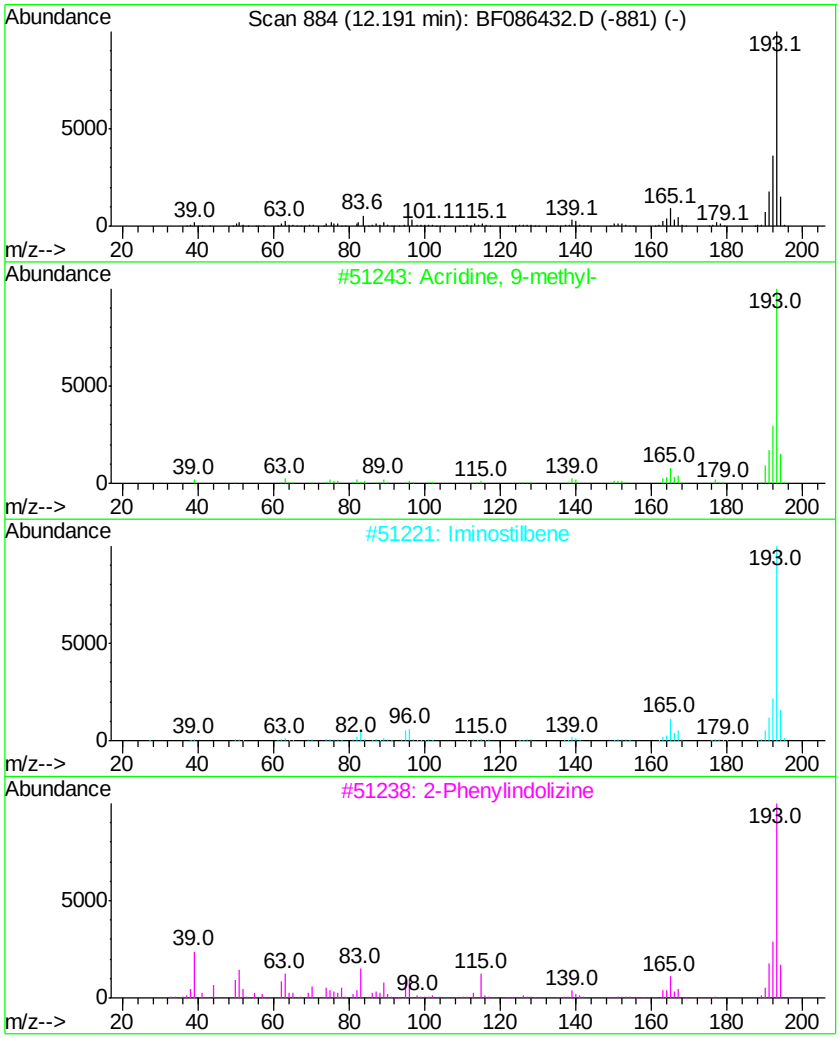
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

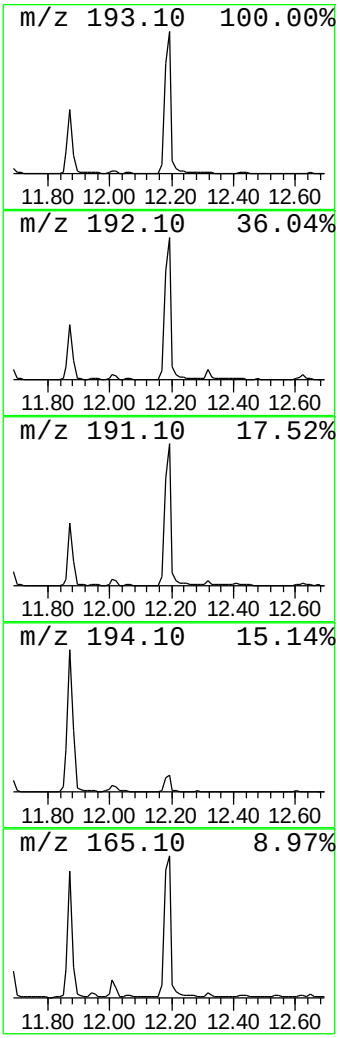
****

Peak Number 5 Acridine, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	72.59 ng	2672030	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine, 9-methyl-	193	C14H11N	000611-64-3	94
2	Iminostilbene	193	C14H11N	000256-96-2	90
3	2-Phenylindolizine	193	C14H11N	025379-20-8	90
4	Benzonitrile, 2-(4-methylphenyl)-	193	C14H11N	114772-53-1	90
5	9-Vinylcarbazole	193	C14H11N	001484-13-5	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086432.D
Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

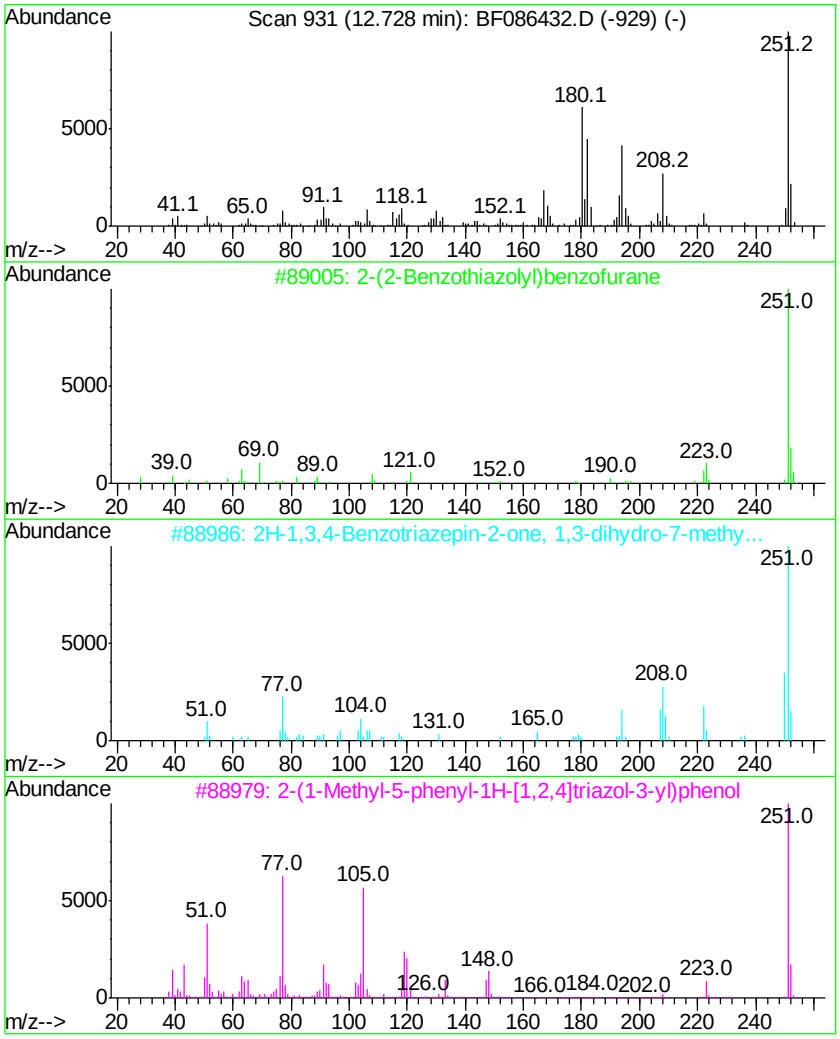
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

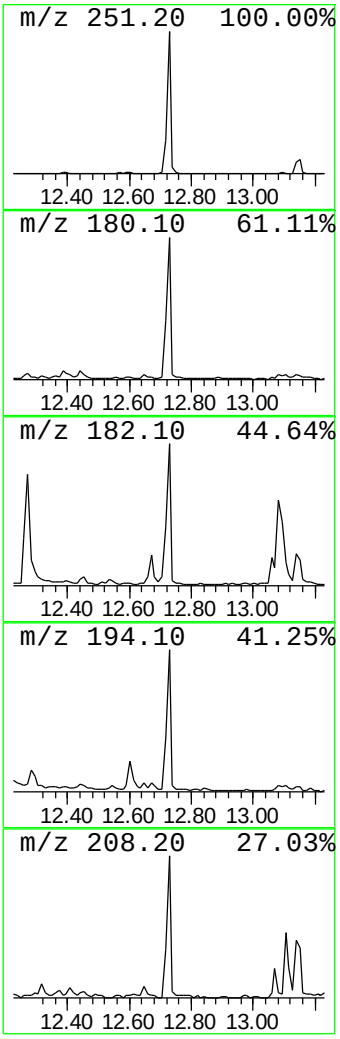
****

Peak Number 6 unknown12.73 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	19.87 ng	653240	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Benzothiazolyl)benzofurane	251	C15H9NOS	069976-47-2	27
2	2H-1,3,4-Benzotriazepin-2-one, 1...	251	C15H13N3O	002855-57-4	25
3	2-(1-Methyl-5-phenyl-1H-[1,2,4]t...	251	C15H13N3O	078256-84-5	25
4	2-Benzo[1,3]dioxol-5-yl-7-methyl...	251	C16H13NO2	1000274-75-9	22
5	p-Cyanophenyl 4'-pentyl-4-biphen...	369	C25H23NO2	059662-53-2	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086432.D
Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

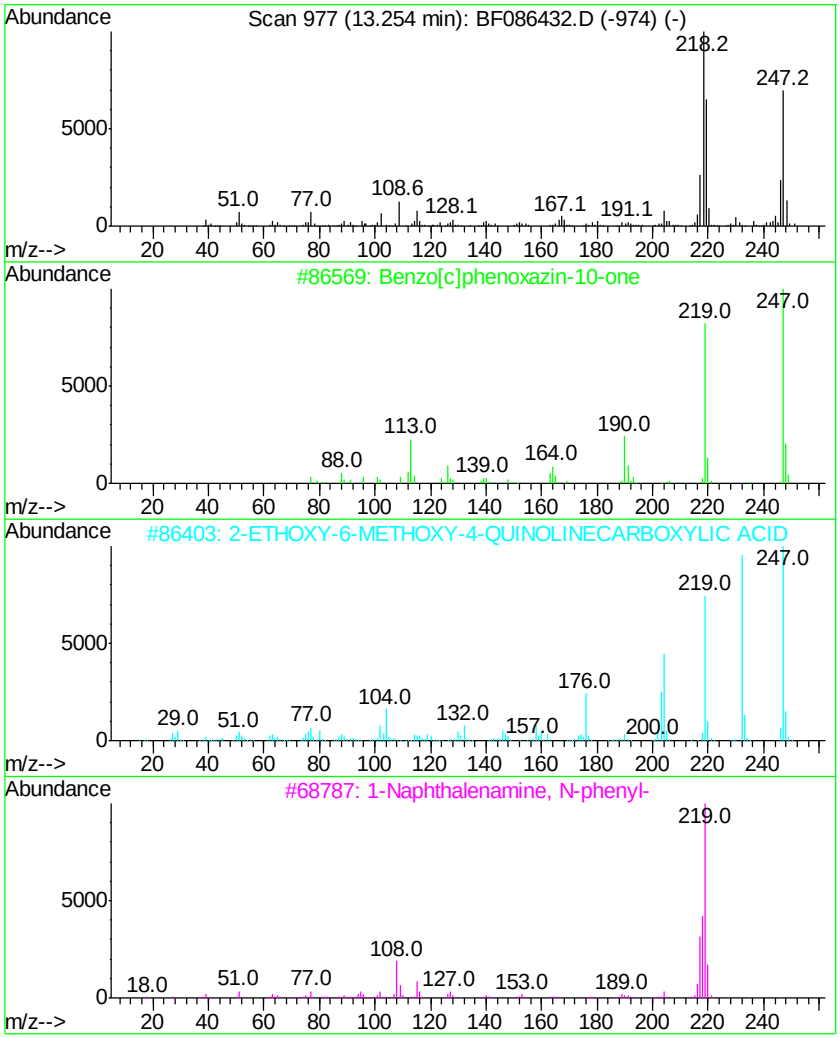
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

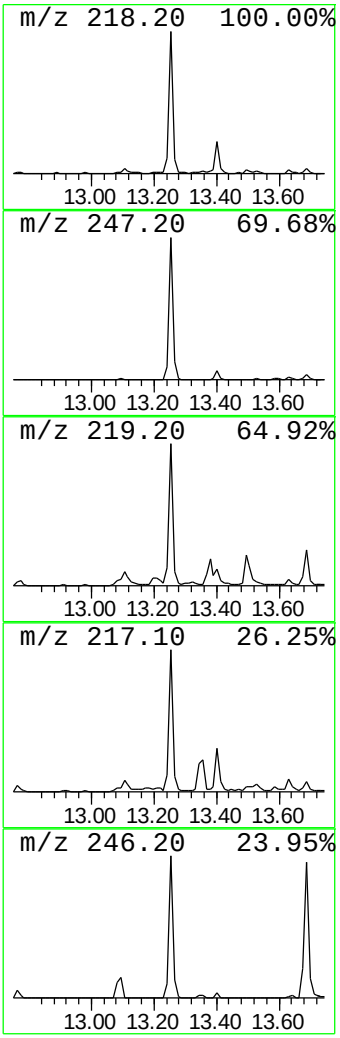
****

Peak Number 8 unknown13.25 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	22.38 ng	735959	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenoxazin-10-one	247	C16H9NO2	1000296-10-6	38
2	2-ETHOXY-6-METHOXY-4-QUINOLINECA...	247	C13H13NO4	1000244-68-3	35
3	1-Naphthalenamine, N-phenyl-	219	C16H13N	000090-30-2	35
4	3,5-Cyclohexadiene-1,2-dione, 3,...	244	C6Cl4O2	002435-53-2	30
5	8-Benzylquinoline	219	C16H13N	028748-19-8	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086432.D
Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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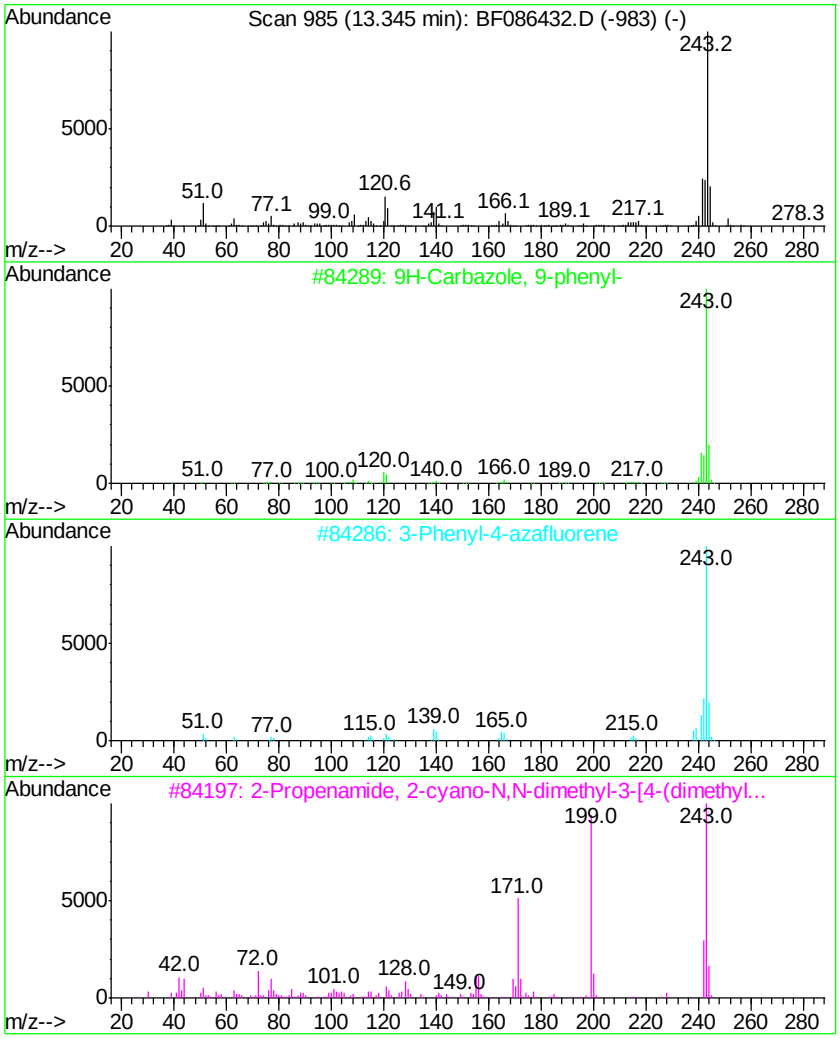
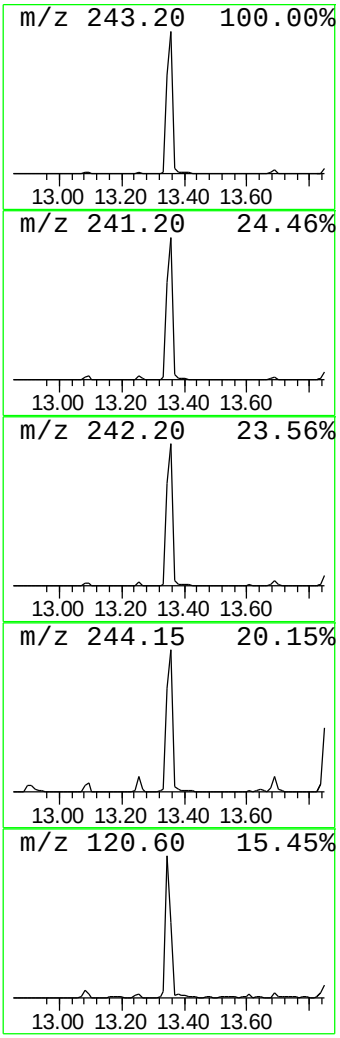
Peak Number 9 9H-Carbazole, 9-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	48.80 ng	1604530	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-phenyl-	243	C18H13N	001150-62-5	94
2	3-Phenyl-4-azafluorene	243	C18H13N	033777-97-8	70
3	2-Propenamide, 2-cyano-N,N-dimet...	243	C14H17N3O	125535-35-5	50
4	3,5-Di(2-thienyl)pyridine	243	C13H9NS2	117823-19-5	47
5	1-Pentanol, 5,5,5-triphenyl-	316	C23H24O	002294-95-3	43





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Data File : BF086432.D
Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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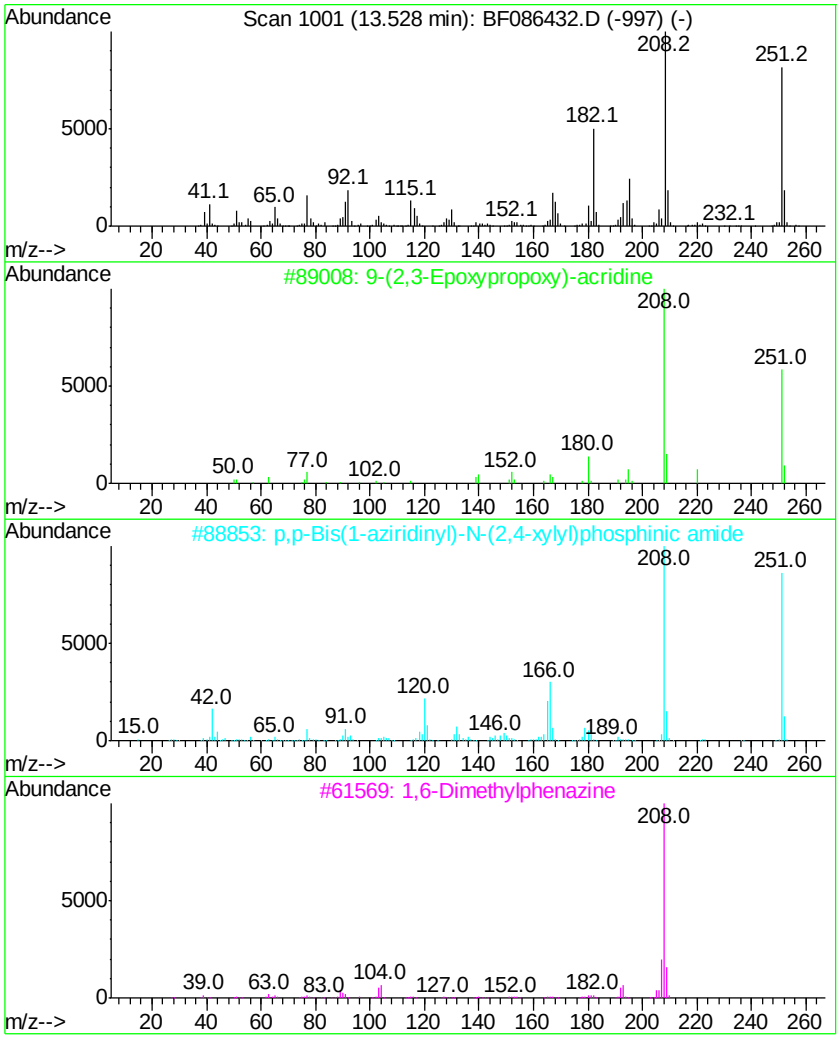
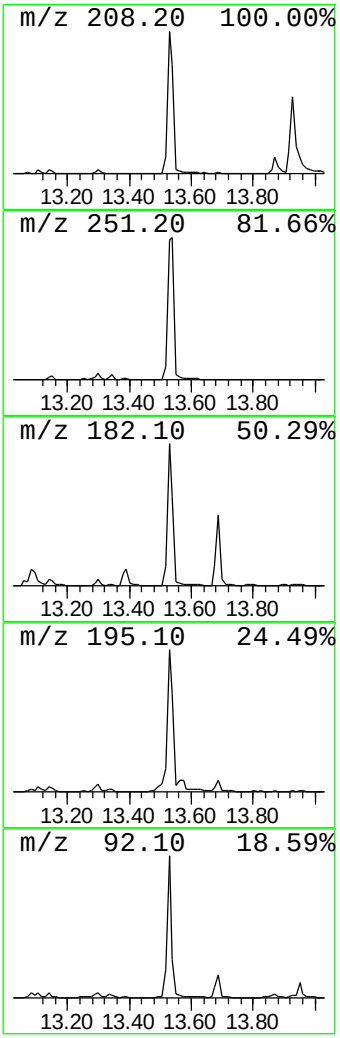
Peak Number 10 9-(2,3-Epoxypropoxy)-acridine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	110.56 ng	3635650	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-(2,3-Epoxypropoxy)-acridine	251	C16H13NO2	113105-85-4	53
2	p,p-Bis(1-aziridinyl)-N-(2,4-xyl...	251	C12H18N3OP	027824-44-8	50
3	1,6-Dimethylphenazine	208	C14H12N2	058718-43-7	42
4	Indole, 5-methyl-2-(4-pyridyl)-	208	C14H12N2	107919-92-6	38
5	2-Benzo[1,3]dioxol-5-yl-7-methyl...	251	C16H13NO2	1000274-75-9	30





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Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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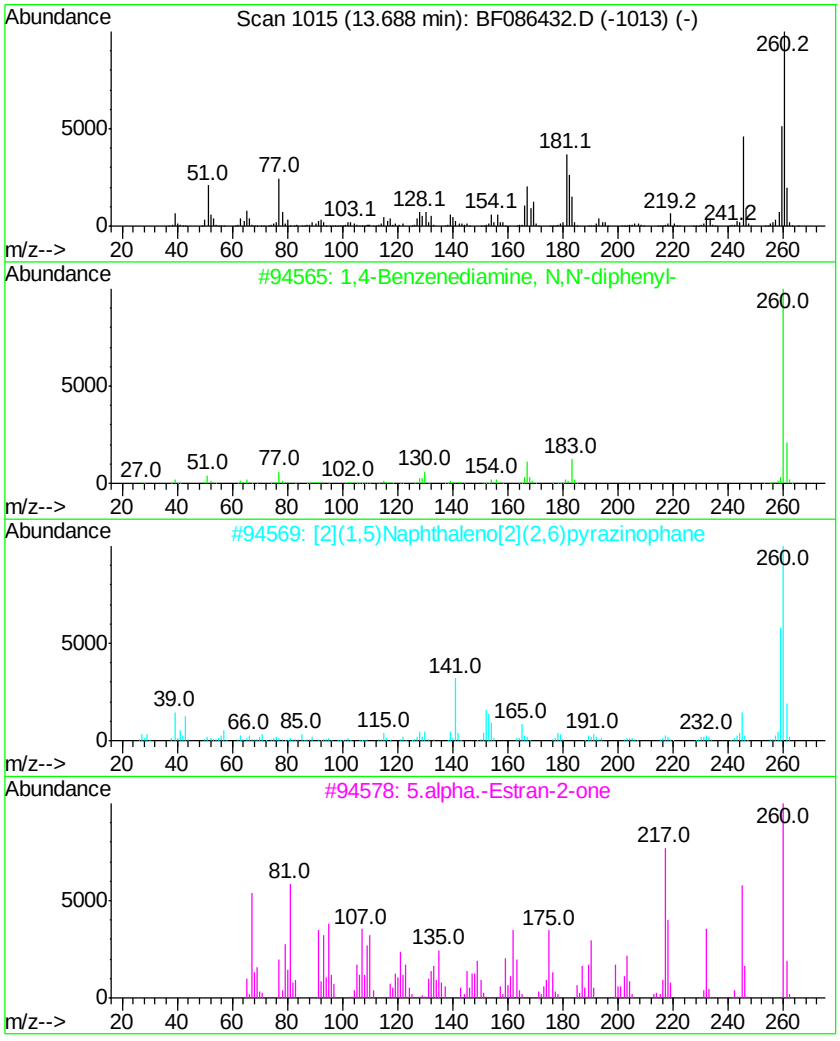
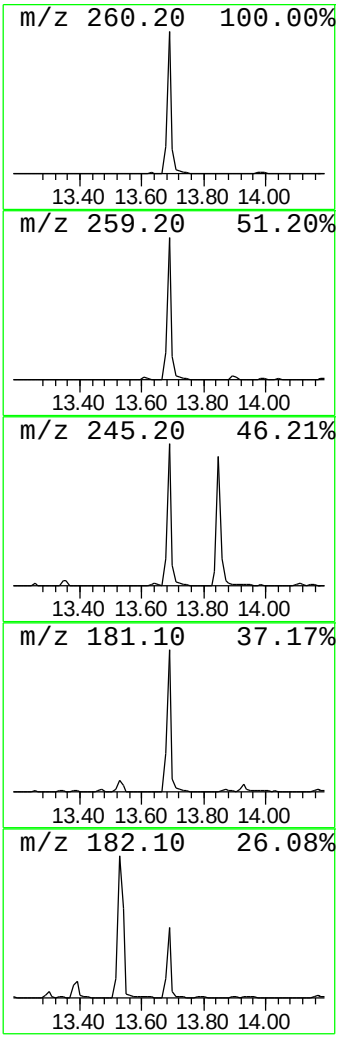
Peak Number 11 1,4-Benzenediamine, N,N'-di... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	75.49 ng	2482260	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediamine, N,N'-diphenyl-	260	C18H16N2	000074-31-7	50
2	[2](1,5)Naphthaleno[2](2,6)pyraz...	260	C18H16N2	1000150-34-7	49
3	5.alpha.-Estran-2-one	260	C18H28O	004967-97-9	46
4	[1,1':4',1''-Terphenyl]-2,2''-di...	260	C18H16N2	034727-48-5	43
5	Diaveridine	260	C13H16N4O2	005355-16-8	38





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Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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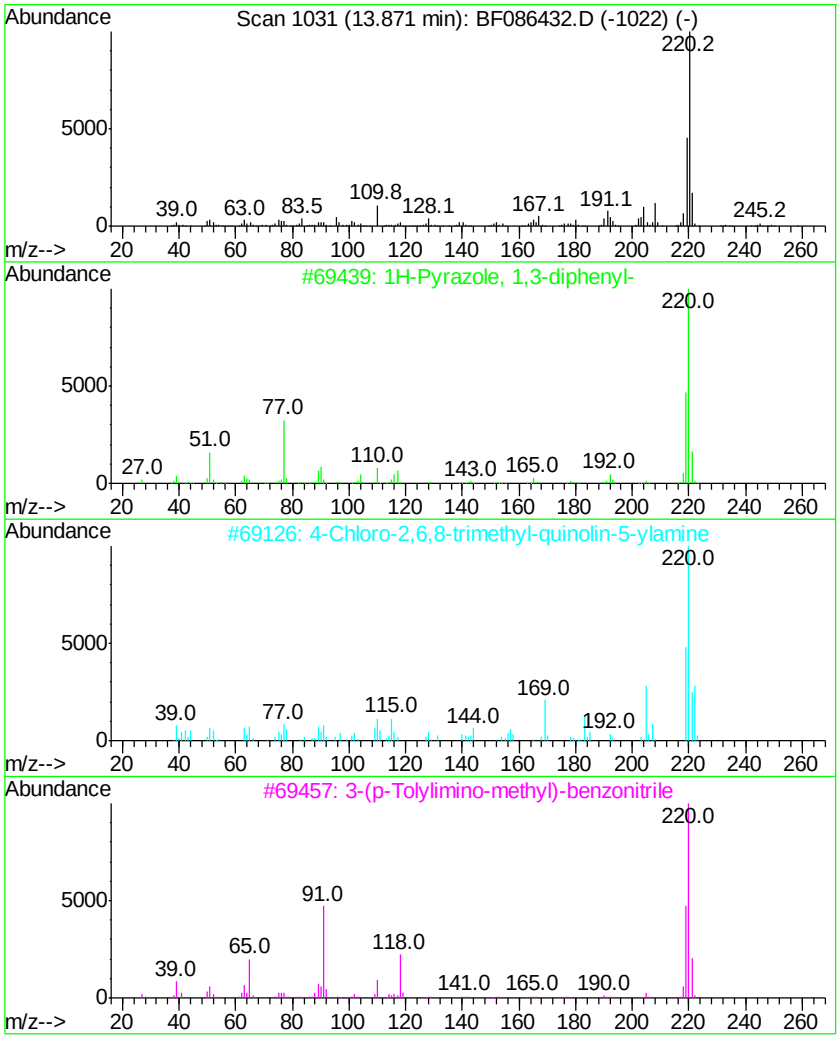
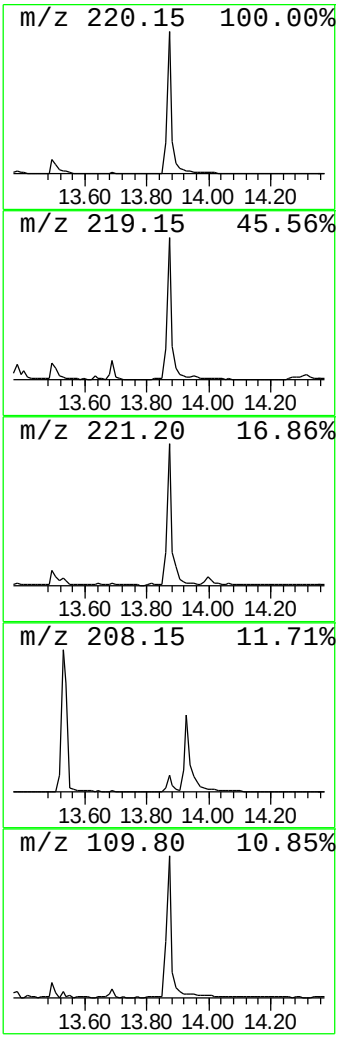
Peak Number 12 1H-Pyrazole, 1,3-diphenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	73.22 ng	2407810	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 1,3-diphenyl-	220	C15H12N2	004492-01-7	74
2	4-Chloro-2,6,8-trimethyl-quinoli...	220	C12H13ClN2	1000297-16-7	72
3	3-(p-Tolylimino-methyl)-benzonit...	220	C15H12N2	1000190-28-2	72
4	7-Methoxy-3-nitroquinoline 1-oxide	220	C10H8N2O4	090771-63-4	64
5	[1,2]Dithiolo[1,5-b][1,2]oxathio...	220	C11H8OS2	074810-10-9	59





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Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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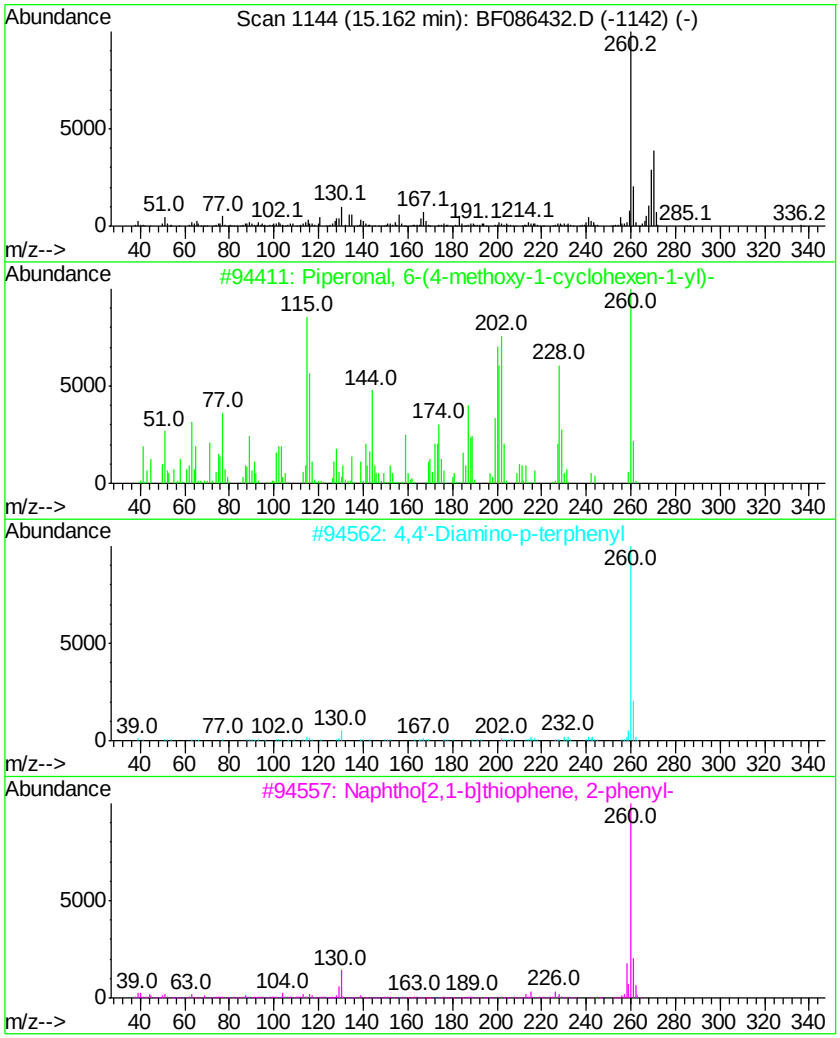
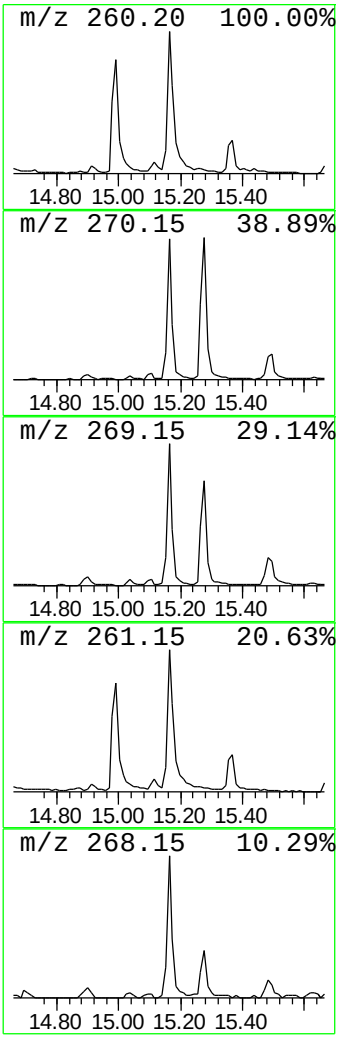
Peak Number 15 Piperonal, 6-(4-methoxy-1-c... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	33.10 ng	1009020	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperonal, 6-(4-methoxy-1-cycloh...	260	C15H16O4	016831-73-5	95
2	4,4'-Diamino-p-terphenyl	260	C18H16N2	003365-85-3	70
3	Naphtho[2,1-b]thiophene, 2-phenyl-	260	C18H12S	016587-38-5	70
4	Benzo[b]thiophene, 2-(2-naphthal...	260	C18H12S	017164-77-1	55
5	1,4-Benzenediamine, N,N'-diphenyl-	260	C18H16N2	000074-31-7	49





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Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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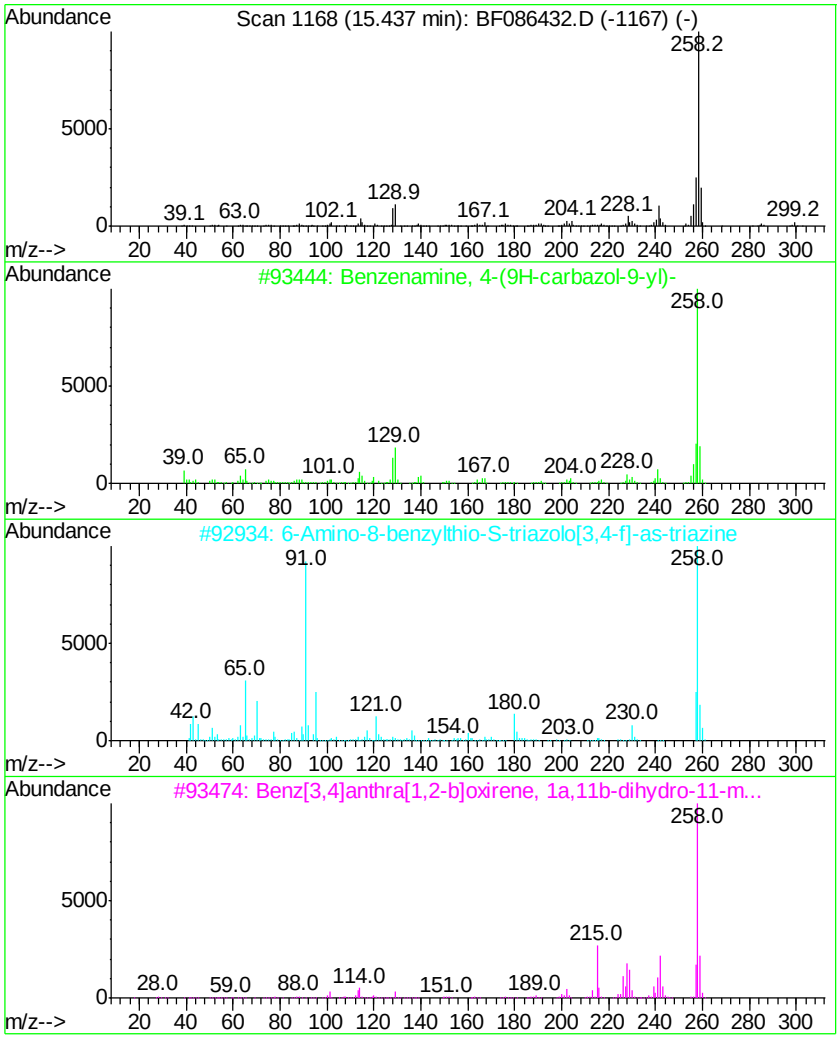
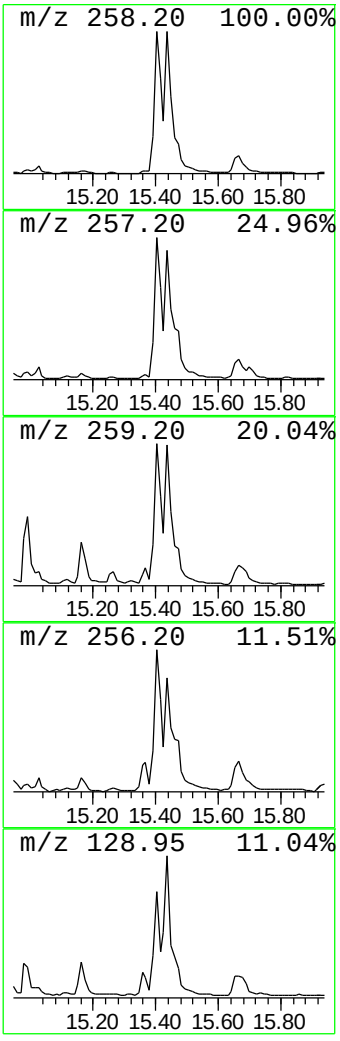
Peak Number 16 Benzenamine, 4-(9H-carbazol... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	46.55 ng	1418890	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4-(9H-carbazol-9-yl)-	258	C18H14N2	052708-37-9	95
2	6-Amino-8-benzylthio-S-triazolo[...	258	C11H10N6S	1000212-12-8	53
3	Benz[3,4]anthra[1,2-b]oxirene, 1...	258	C19H14O	001155-38-0	53
4	2',5'-Dimethoxy-2-biphenylcarbox...	258	C15H14O4	003525-23-3	50
5	Phenol, 2-(3-hydroxyphenyliminom...	258	C13H10N2O4	303215-19-2	45





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Data File : BF086432.D
Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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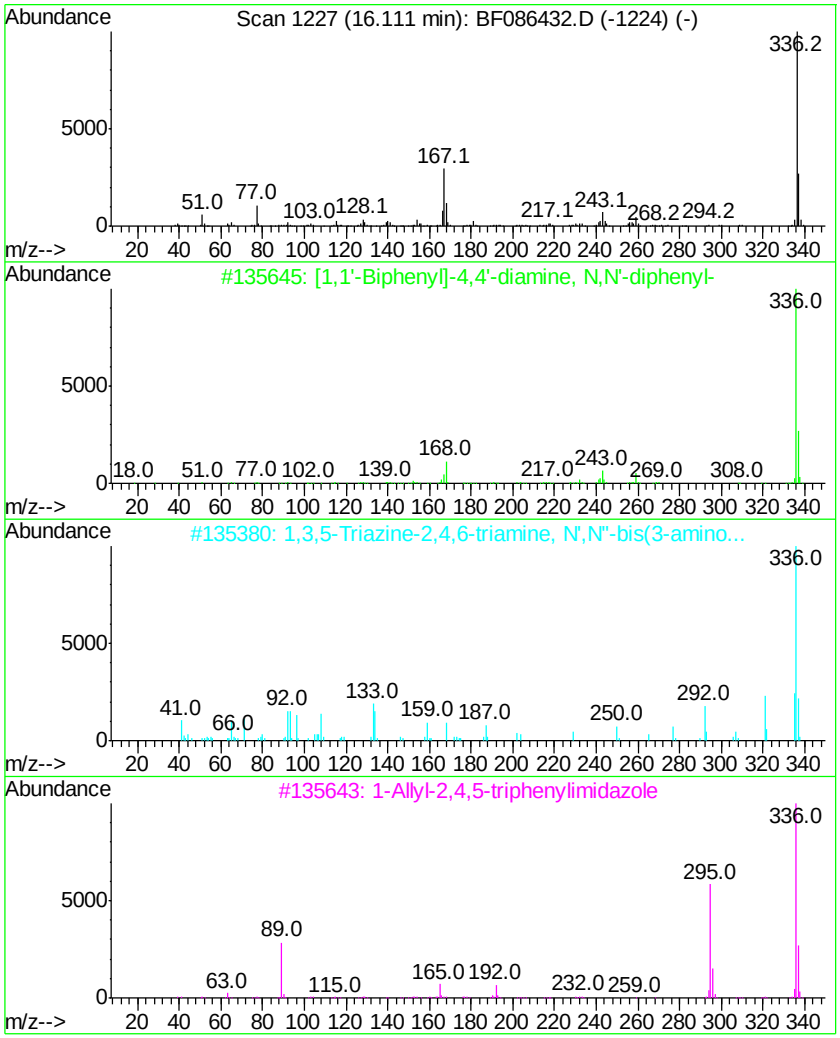
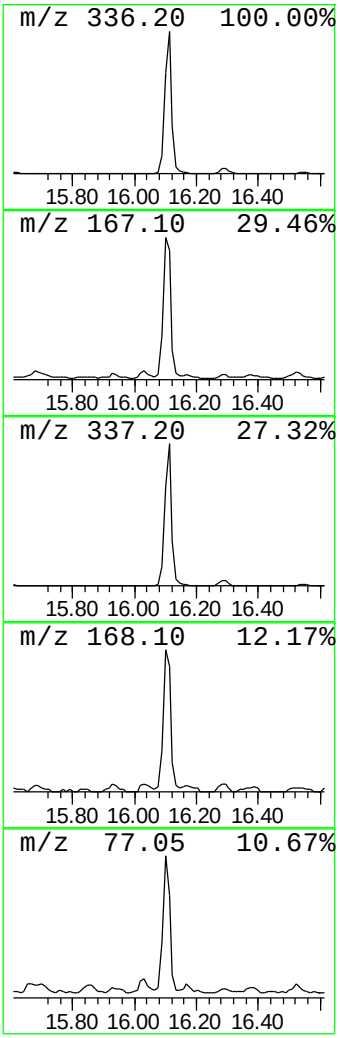
Peak Number 17 [1,1'-Biphenyl]-4,4'-diamin... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	22.78 ng	694519	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4,4'-diamine, N,...	336	C24H20N2	000531-91-9	96
2	1,3,5-Triazine-2,4,6-triamine, N...	336	C17H20N8	033933-65-2	59
3	1-Allyl-2,4,5-triphenylimidazole	336	C24H20N2	333310-17-1	58
4	Benzene, 1,4-bis(3-methylindol-2...	336	C24H20N2	164936-89-4	50
5	2,6-Dibromo-3-isopropyl-7-methox...	334	C11H12Br2O2	1000241-63-0	49





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Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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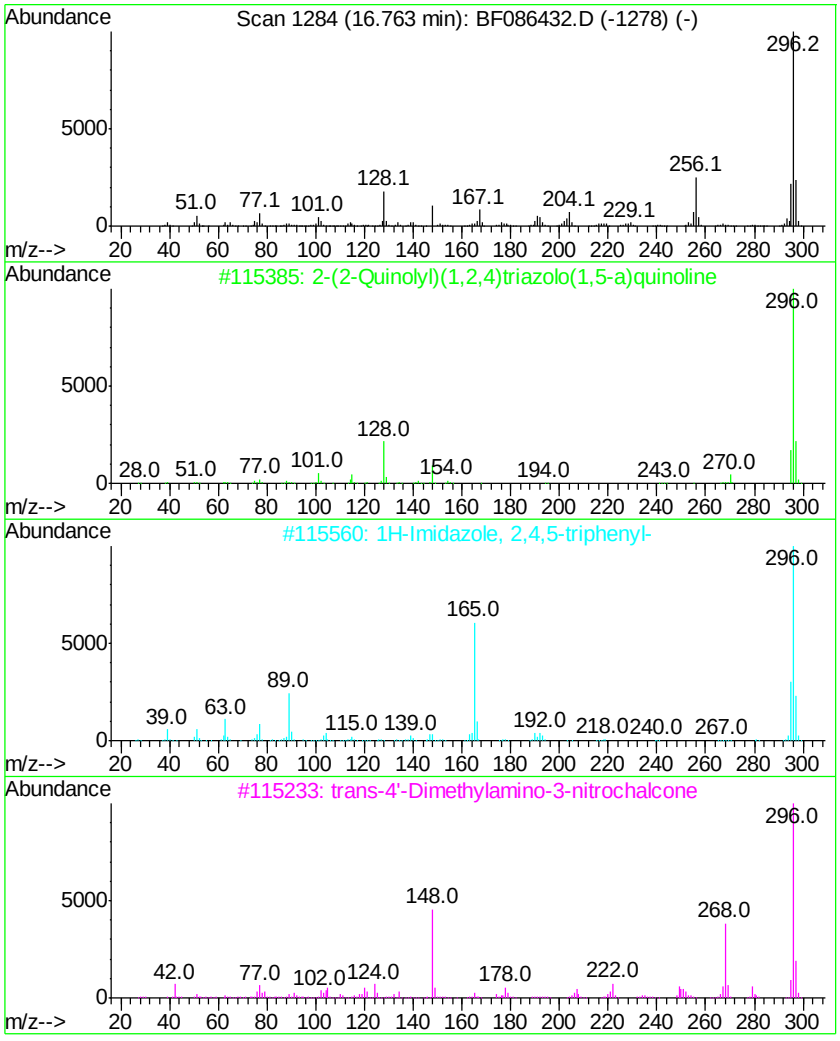
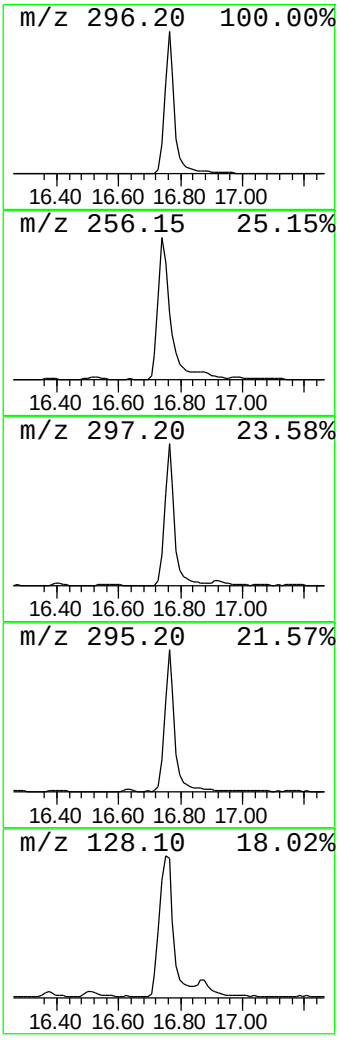
Peak Number 18 2-(2-Quinolyl)(1,2,4)triazo... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	84.91 ng	2588240	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Quinolyl)(1,2,4)triazolo(1,...	296	C19H12N4	1000241-15-8	90
2	1H-Imidazole, 2,4,5-triphenyl-	296	C21H16N2	000484-47-9	53
3	trans-4'-Dimethylamino-3-nitroch...	296	C17H16N2O3	1000234-56-7	52
4	Thiazolidine-2,4-dione, 3-phenyl...	296	C15H12N4OS	309283-86-1	50
5	1-Nitro-9,10-dioxo-9,10-dihydro-...	296	C15H8N2O5	022344-26-9	43





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Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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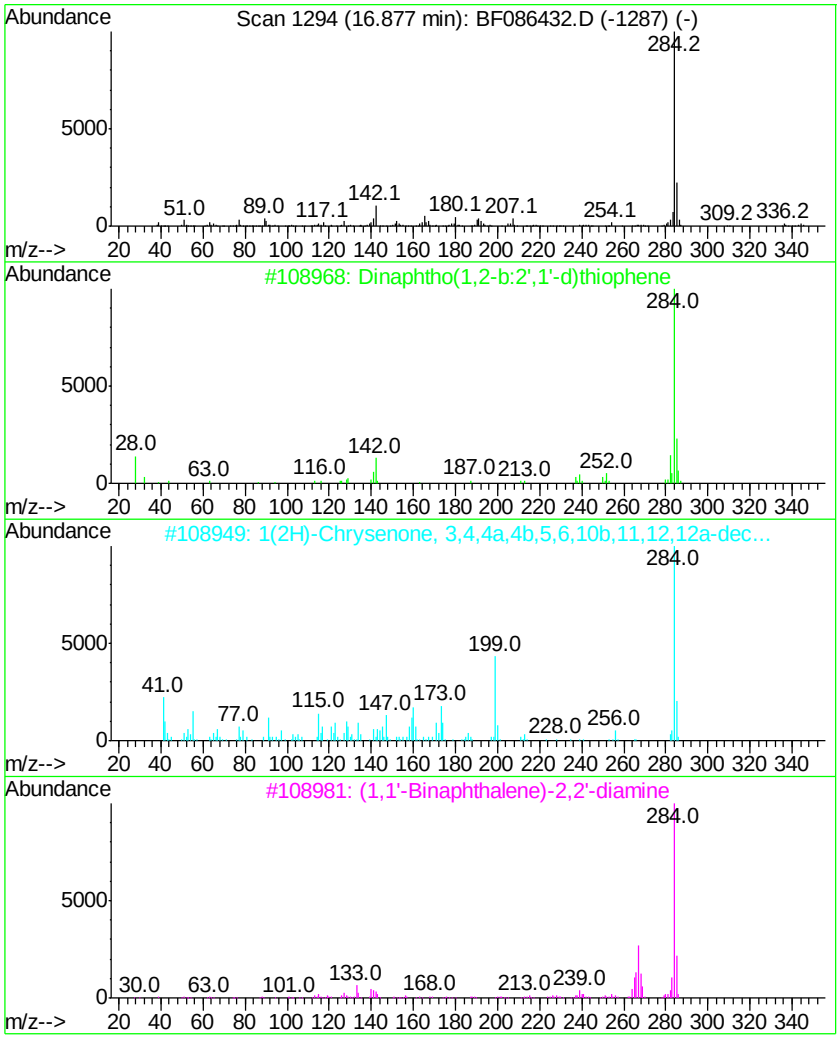
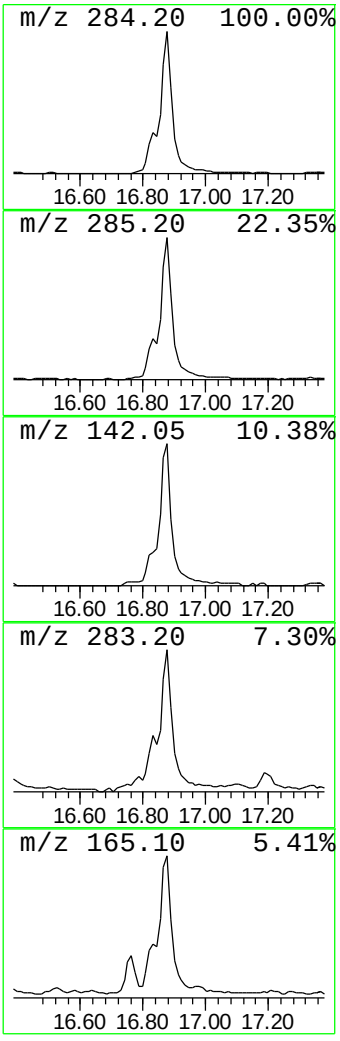
Peak Number 19 Dinaphtho(1,2-b:2',1'-d)thi... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	68.66 ng	2093090	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho(1,2-b:2',1'-d)thiophene	284	C20H12S	000239-72-5	78
2	1(2H)-Chrysenone, 3,4,4a,4b,5,6,...	284	C19H24O2	058165-59-6	72
3	(1,1'-Binaphthalene)-2,2'-diamine	284	C20H16N2	004488-22-6	72
4	Dinaphtho[1,2-b:1',2'-d]thiophene	284	C20H12S	000207-94-3	64
5	9,10-Anthracenedione, 1,8-dihydr...	284	C16H12O5	000521-61-9	64





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Data File : BF086432.D
Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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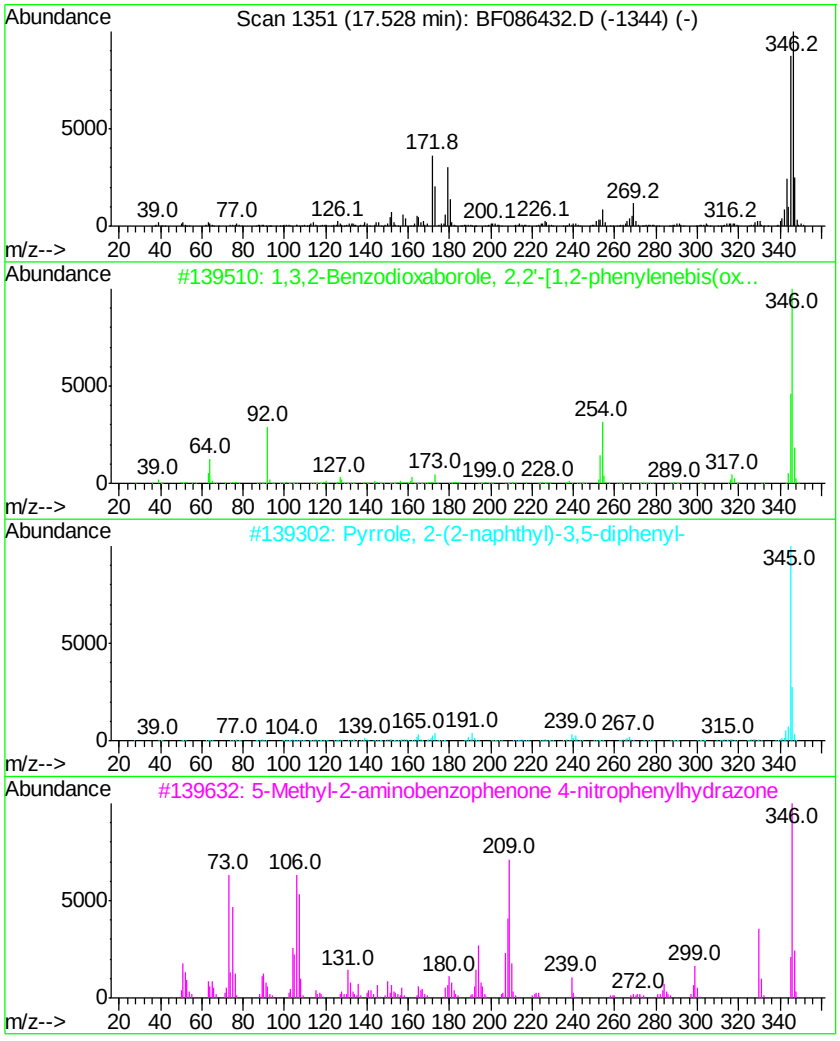
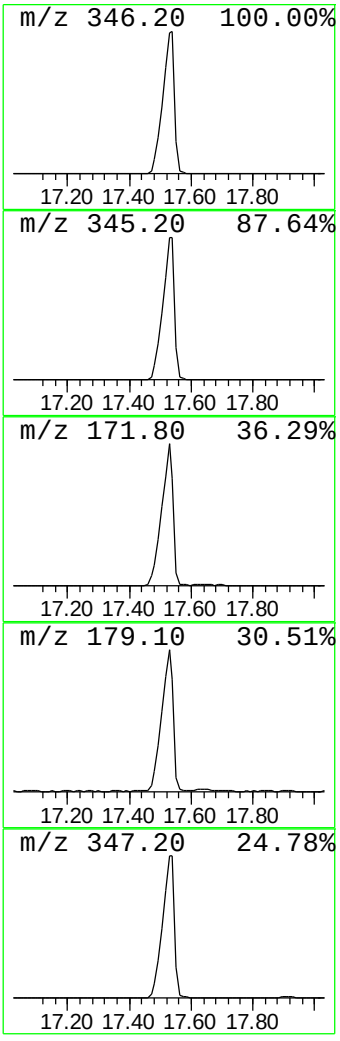
Peak Number 20 unknown17.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	136.37 ng	4156880	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,2-Benzodioxaborole, 2,2'-[1,...	346	C18H12B2O6	037737-62-5	37
2	Pyrrole, 2-(2-naphthyl)-3,5-diph...	345	C26H19N	170238-88-7	35
3	5-Methyl-2-aminobenzophenone 4-n...	346	C20H18N4O2	345616-32-2	30
4	2,3,7-Triphenylindole	345	C26H19N	001247-96-7	27
5	6-Bromo-7-methylbenzo(b)thiophen...	344	C16H13BrN2S	001632-23-1	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086432.D
Acq On : 27 Apr 2016 19:06
Operator : UM/SJ
Sample : H2660-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DPA2-PRE-B10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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
Acridine	11.44	104.2	ng	3834860	4	11.32	736181	20.0
Benzenamine, 4-(1...	11.69	135.7	ng	4992960	4	11.32	736181	20.0
Phenazine, 1-methyl-	11.87	93.4	ng	3436610	4	11.32	736181	20.0
9H-Carbazole, 3-m...	12.01	87.0	ng	3200980	4	11.32	736181	20.0
Acridine, 9-methyl-	12.19	72.6	ng	2672030	4	11.32	736181	20.0
unknown12.73	12.73	19.9	ng	653240	5	13.95	657656	20.0
unknown13.25	13.25	22.4	ng	735959	5	13.95	657656	20.0
9H-Carbazole, 9-p...	13.35	48.8	ng	1604530	5	13.95	657656	20.0
9-(2,3-Epoxypropo...	13.53	110.6	ng	3635650	5	13.95	657656	20.0
1,4-Benzenediamin...	13.69	75.5	ng	2482260	5	13.95	657656	20.0
1H-Pyrazole, 1,3-...	13.87	73.2	ng	2407810	5	13.95	657656	20.0
Piperonal, 6-(4-m...	15.16	33.1	ng	1009020	6	15.37	609654	20.0
Benzenamine, 4-(9...	15.44	46.5	ng	1418890	6	15.37	609654	20.0
[1,1'-Biphenyl]-4...	16.11	22.8	ng	694519	6	15.37	609654	20.0
2-(2-Quinolyl)(1,...	16.76	84.9	ng	2588240	6	15.37	609654	20.0
Dinaphtho(1,2-b:2...	16.88	68.7	ng	2093090	6	15.37	609654	20.0
unknown17.53	17.53	136.4	ng	4156880	6	15.37	609654	20.0