LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082904.D
Acq On : 13 Nov 2015 18:30
Operator : UM/IZ
Sample : G4406-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGEWATER

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-BF110715.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	4.956	248	251	256	rVB	437973	591671	8.08%	0.652%
2	5.322	279	283	287	rBV	79464	175352	2.39%	0.193%
3	5.390	287	289	292	rVB	2150780	2322987	31.71%	2.561%
4	5.619	307	309	312	rBV	156599	142092	1.94%	0.157%
5	6.099	349	351	356	rVB	136451	129358	1.77%	0.143%
6	6.396	375	377	378	rBV	203336	182505	2.49%	0.201%
7	6.430	378	380	383	rVB	1780109	1509972	20.61%	1.665%
8	6.487	383	385	389	rVB	213834	243533	3.32%	0.268%
9	6.567	389	392	394	rBV	4848215	4515424	61.64%	4.978%
10	6.796	410	412	414	rBV	1469398	1201989	16.41%	1.325%
11	6.865	414	418	420	rVV	228827	356213	4.86%	0.393%
12	6.956	424	426	427	rVV	4630224	4074245	55.62%	4.491%
13	6.979	427	428	430	rVV	475170	383761	5.24%	0.423%
14	7.127	440	441	443	rVV	155290	117742	1.61%	0.130%
15	7.322	457	458	459	rVV	279156	220158	3.01%	0.243%
16	7.367	459	462	463	rVV	2972742	3930909	53.66%	4.333%
17	7.459	468	470	472	rBV2	68983	139931	1.91%	0.154%
18	7.573	478	480	482	rVV2	123852	191415	2.61%	0.211%
19	7.619	482	484	486	rVV	1035605	990174	13.52%	1.092%
20	7.653	486	487	489	rVB	254968	210985	2.88%	0.233%
21	7.825	500	502	504	rVB	225050	219731	3.00%	0.242%
22	7.870	504	506	509	rBV3	98309	145990	1.99%	0.161%
23	7.996	515	517	519	rBV	231285	210270	2.87%	0.232%
24	8.088	523	525	526	rVV	1677921	1555883	21.24%	1.715%
25	8.133	526	529	533	rVB2	203786	404112	5.52%	0.445%
26	8.236	537	538	544	rVB3	102946	194513	2.66%	0.214%
27	8.350	544	548	552	rBV3	103654	176014	2.40%	0.194%
28	8.430	552	555	557	rBV	4164038	3822231	52.18%	4.213%
29	8.670	573	576	579	rBV4	170269	215510	2.94%	0.238%
30	8.853	588	592	594	rBV2	131386	197103	2.69%	0.217%
31	8.899	594	596	598	rVB	674779	570209	7.78%	0.629%
32	8.968	600	602	604	rVB	312217	266534	3.64%	0.294%
33	9.048	607	609	611	rBV	106800	120227	1.64%	0.133%
34	9.173	617	620	621	rBV	4791639	6206210	84.72%	6.842%

LSC Area Percent Report

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Acq On : 13 Nov 2015 18:30
Operator : UM/IZ
Sample : G4406-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGEWATER

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-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.311	630	632	634	rVB	2149944	1784782	24.37%	1.967%
36	9.551	650	653	655	rBV2	300991	494390	6.75%	0.545%
37	9.699	664	666	671	rBV4	63226	162926	2.22%	0.180%
38	9.836	676	678	680	rBV2	1573239	1738297	23.73%	1.916%
39	9.871	680	681	683	rVB	1093244	800822	10.93%	0.883%
40	9.985	687	691	694	rBV3	64056	148911	2.03%	0.164%
41	10.042	694	696	704	rVB	590800	610343	8.33%	0.673%
42	10.259	713	715	718	rBV	554326	727584	9.93%	0.802%
43	10.316	718	720	724	rVB3	266171	343947	4.70%	0.379%
44	10.385	724	726	728	rBV	500545	425661	5.81%	0.469%
45	10.453	730	732	735	rBV4	202889	341477	4.66%	0.376%
46	10.522	735	738	739	rBV2	107327	164148	2.24%	0.181%
47	10.556	739	741	743	rVB2	332884	323055	4.41%	0.356%
48	10.625	744	747	750	rBV2	3275264	4096571	55.92%	4.516%
49	10.705	752	754	756	rBV2	90236	176919	2.42%	0.195%
50	10.751	756	758	762	rVB3	135718	281493	3.84%	0.310%
51	10.819	762	764	766	rBV	536066	612255	8.36%	0.675%
52	10.854	766	767	768	rVV	213938	205263	2.80%	0.226%
53	10.888	768	770	771	rVV2	142527	191805	2.62%	0.211%
54	10.911	771	772	773	rVV	291115	223570	3.05%	0.246%
55	10.968	775	777	778	rVB2	99617	126731	1.73%	0.140%
56	10.991	778	779	781	rBV2	284562	392111	5.35%	0.432%
57	11.036	781	783	785	rVB	229449	191188	2.61%	0.211%
58	11.105	788	789	792	rVB	219972	202569	2.77%	0.223%
59	11.208	795	798	800	rBV3	150763	262101	3.58%	0.289%
60	11.276	802	804	806	rBV	108256	191745	2.62%	0.211%
61	11.322	806	808	809	rVV	1975530	1759997	24.03%	1.940%
62	11.345	809	810	811	rVB	382679	262518	3.58%	0.289%
63	11.379	811	813	816	rVB3	101618	136550	1.86%	0.151%
64	11.436	816	818	821	rVB	76523	110668	1.51%	0.122%
65	11.505	821	824	826	rBV	383975	418929	5.72%	0.462%
66	11.551	826	828	830	rVB	635677	542121	7.40%	0.598%
67	11.734	841	844	847	rVB3	209465	335422	4.58%	0.370%
68	11.859	853	855	857	rBV2	126056	203528	2.78%	0.224%
69	11.996	865	867	872	rVB2	89323	134137	1.83%	0.148%
70	12.076	872	874	876	rVB2	106611	129955	1.77%	0.143%
71	12.122	876	878	881	rBV	527675	586119	8.00%	0.646%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082904.D
Acq On : 13 Nov 2015 18:30
Operator : UM/IZ
Sample : G4406-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGEWATER

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-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.362	897	899	902	rBV2	86527	169192	2.31%	0.187%
73	12.671	922	926	927	rBV3	120108	198497	2.71%	0.219%
74	12.831	938	940	942	rBV2	233038	275739	3.76%	0.304%
75	12.865	942	943	945	rVV	121944	204726	2.79%	0.226%
76	12.911	945	947	949	rVV	3950162	3920230	53.52%	4.322%
77	12.957	949	951	954	rVB	730198	736913	10.06%	0.812%
78	13.025	954	957	959	rBV2	3296585	7325179	100.00%	8.075%
79	13.059	959	960	962	rVV	2679477	4186168	57.15%	4.615%
80	13.151	965	968	971	rVV3	1771131	3744060	51.11%	4.127%
81	13.197	971	972	975	rVV	3154178	4071091	55.58%	4.488%
82	13.242	975	976	978	rVV	1520001	1336056	18.24%	1.473%
83	13.334	982	984	985	rBV	179107	294137	4.02%	0.324%
84	13.814	1023	1026	1030	rBV2	102819	183326	2.50%	0.202%
85	13.905	1033	1034	1036	rBV2	192783	266972	3.64%	0.294%
86	13.951	1036	1038	1042	rVV3	1247508	2257372	30.82%	2.488%
87	14.020	1042	1044	1047	rVV3	509525	1193479	16.29%	1.316%
88	14.100	1049	1051	1053	rVV3	391851	739974	10.10%	0.816%
89	14.134	1053	1054	1057	rVV	270843	454994	6.21%	0.502%
90	14.180	1057	1058	1063	rVB	140204	198657	2.71%	0.219%
91	14.831	1112	1115	1117	rVV2	222024	341731	4.67%	0.377%
92	14.865	1117	1118	1120	rVV2	156220	237543	3.24%	0.262%
93	14.957	1124	1126	1128	rVV3	101041	227180	3.10%	0.250%
94	15.003	1128	1130	1132	rVV	134061	206760	2.82%	0.228%
95	15.368	1159	1162	1165	rVV	999665	1186282	16.19%	1.308%
96	15.848	1201	1204	1206	rBV2	143801	282440	3.86%	0.311%
97	15.894	1206	1208	1212	rVB3	65148	178619	2.44%	0.197%
98	16.100	1224	1226	1230	rVB2	65802	116193	1.59%	0.128%
99	16.923	1294	1298	1303	rBV2	86205	198533	2.71%	0.219%
100	17.346	1330	1335	1338	rBV4	59090	206446	2.82%	0.228%

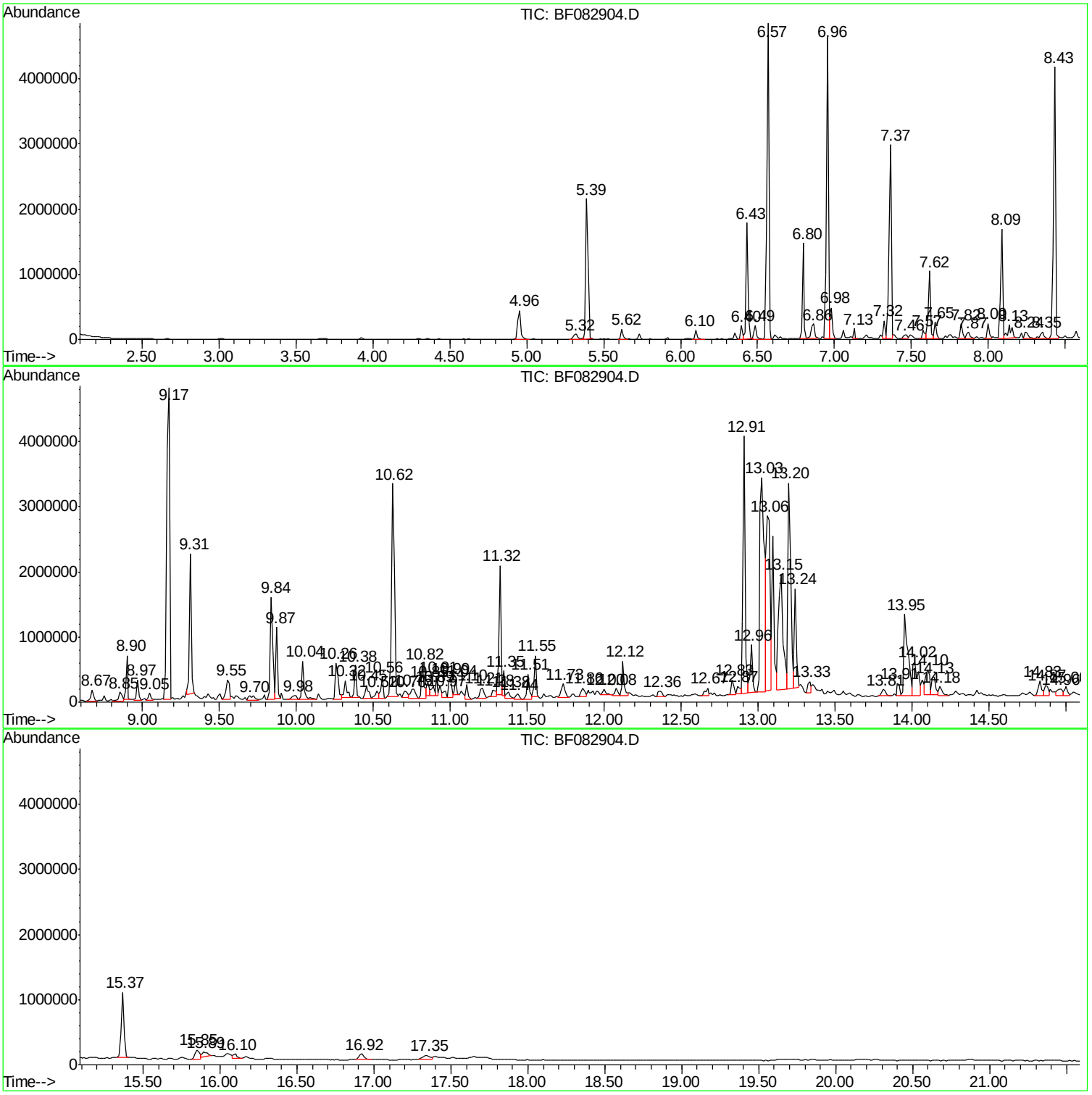
Sum of corrected areas: 90714050

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082904.D
Acq On : 13 Nov 2015 18:30
Operator : UM/IZ
Sample : G4406-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PURGEWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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\BF111315\
Data File : BF082904.D
Acq On : 13 Nov 2015 18:30
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGEWATER

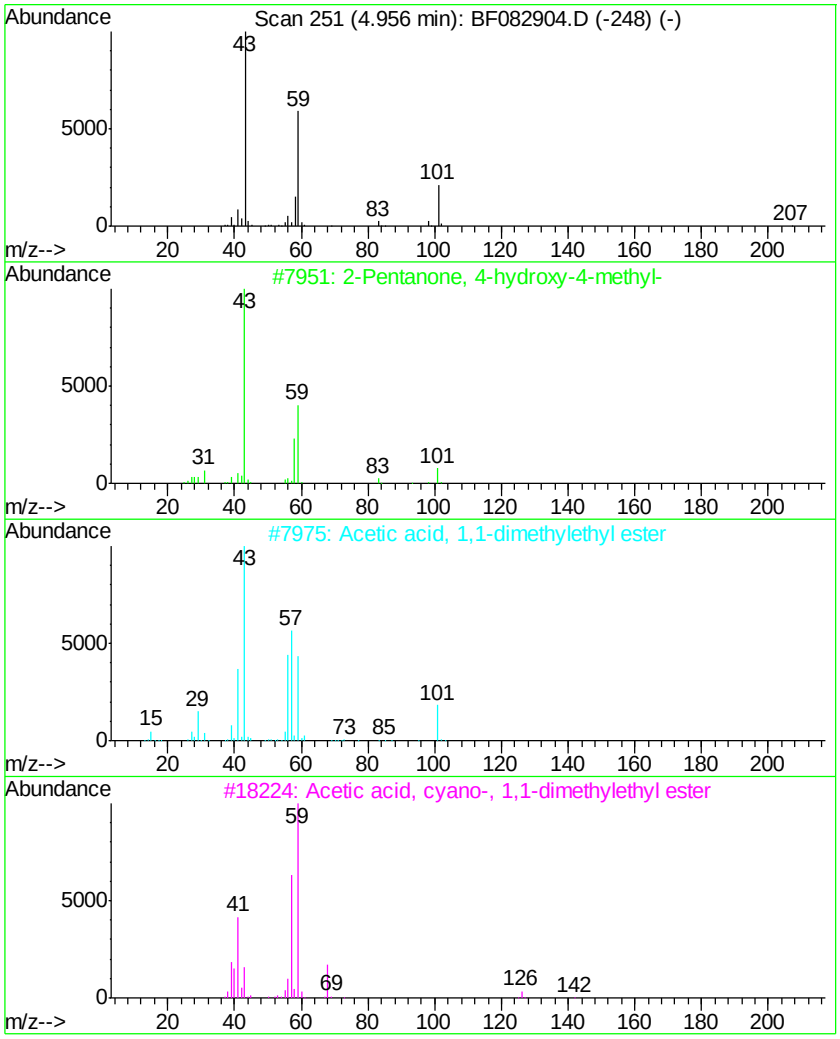
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

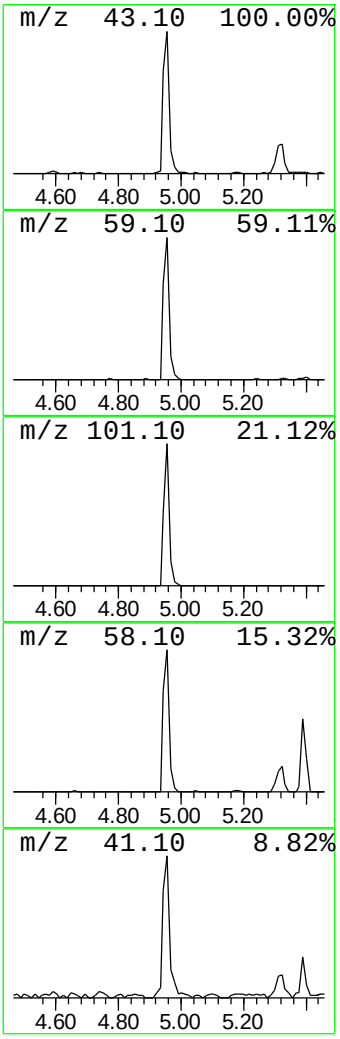
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	9.84 ng	591671	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082904.D
Acq On : 13 Nov 2015 18:30
Operator : UM/IZ
Sample : G4406-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGEWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

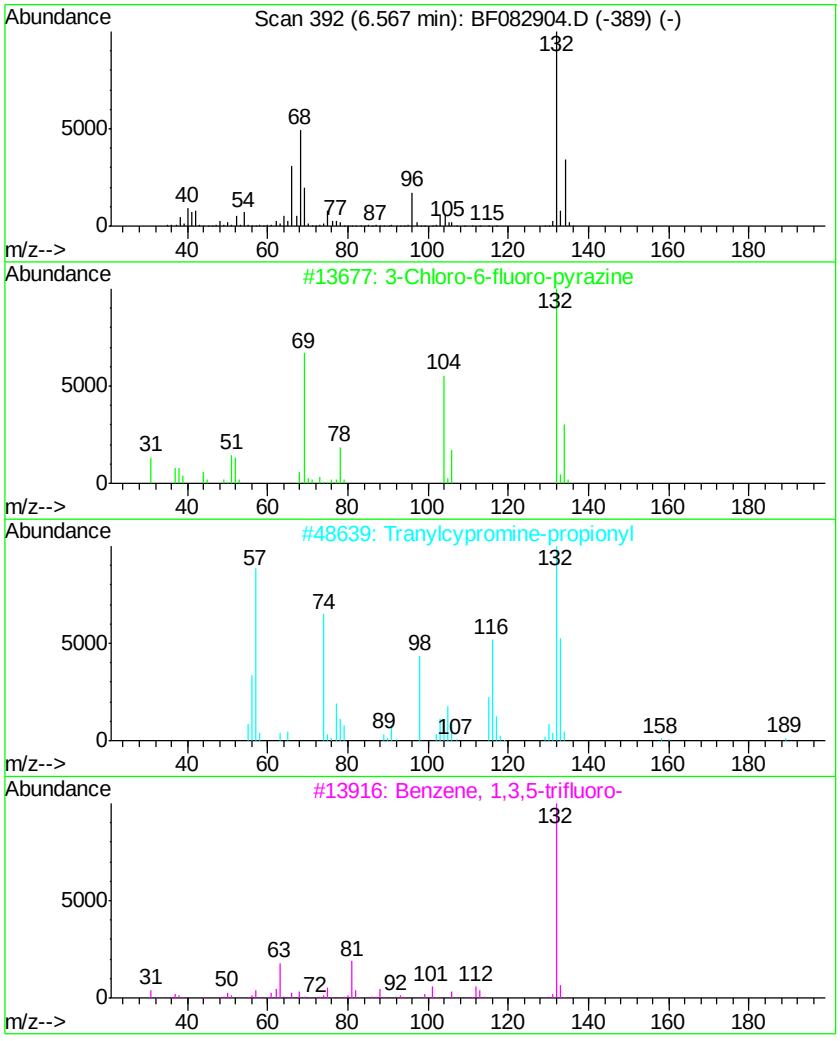
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

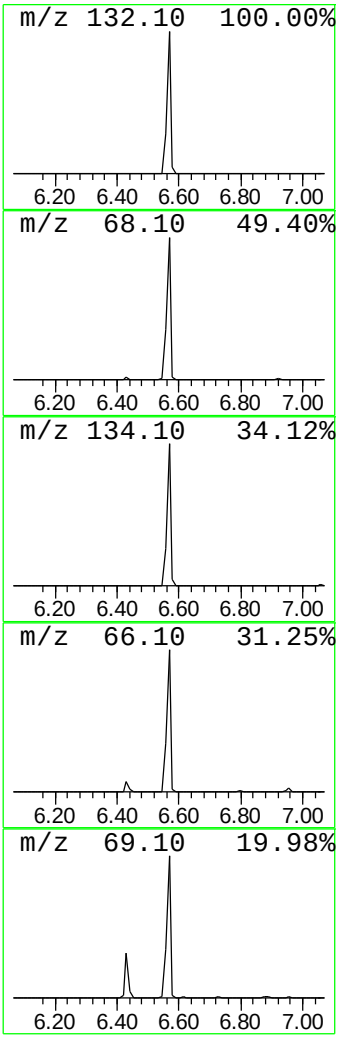
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	75.13 ng	4515420	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
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Instrument : BNA_F
ClientSampleId : PURGEWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

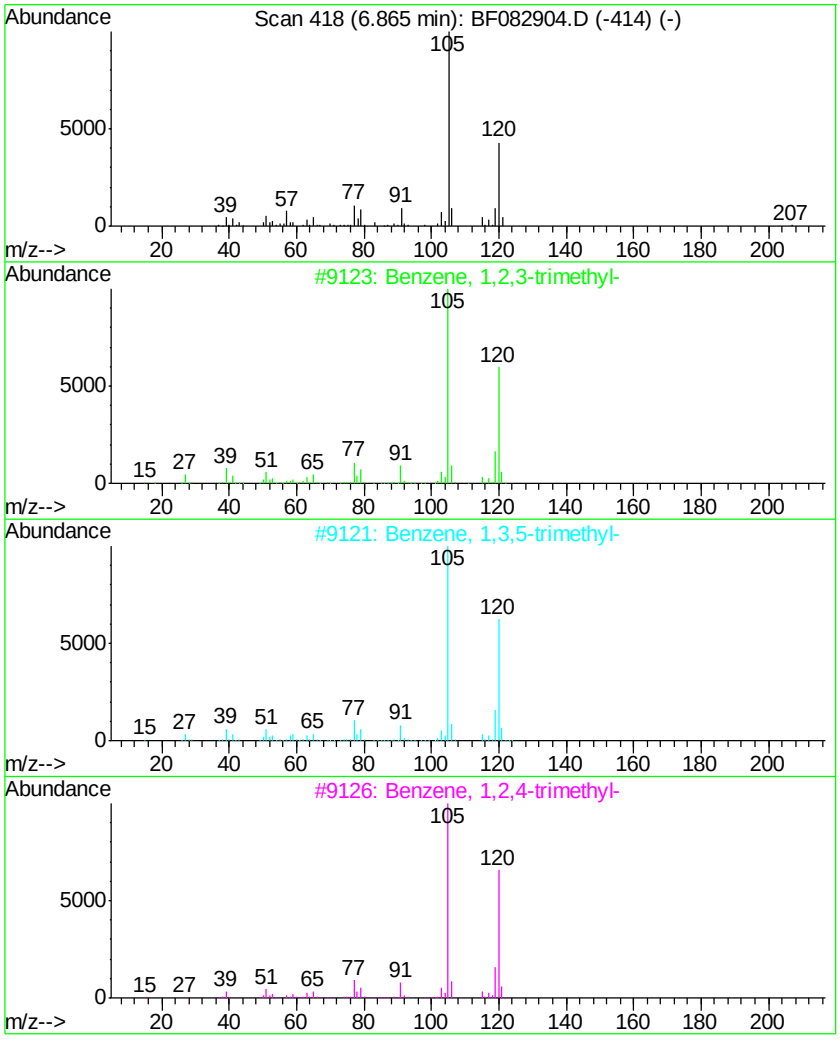
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

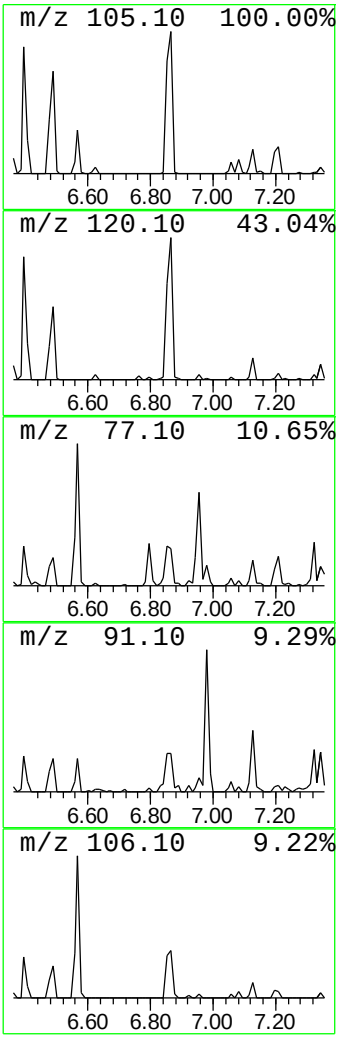
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	5.93 ng	356213	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082904.D
Acq On : 13 Nov 2015 18:30
Operator : UM/IZ
Sample : G4406-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGEWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

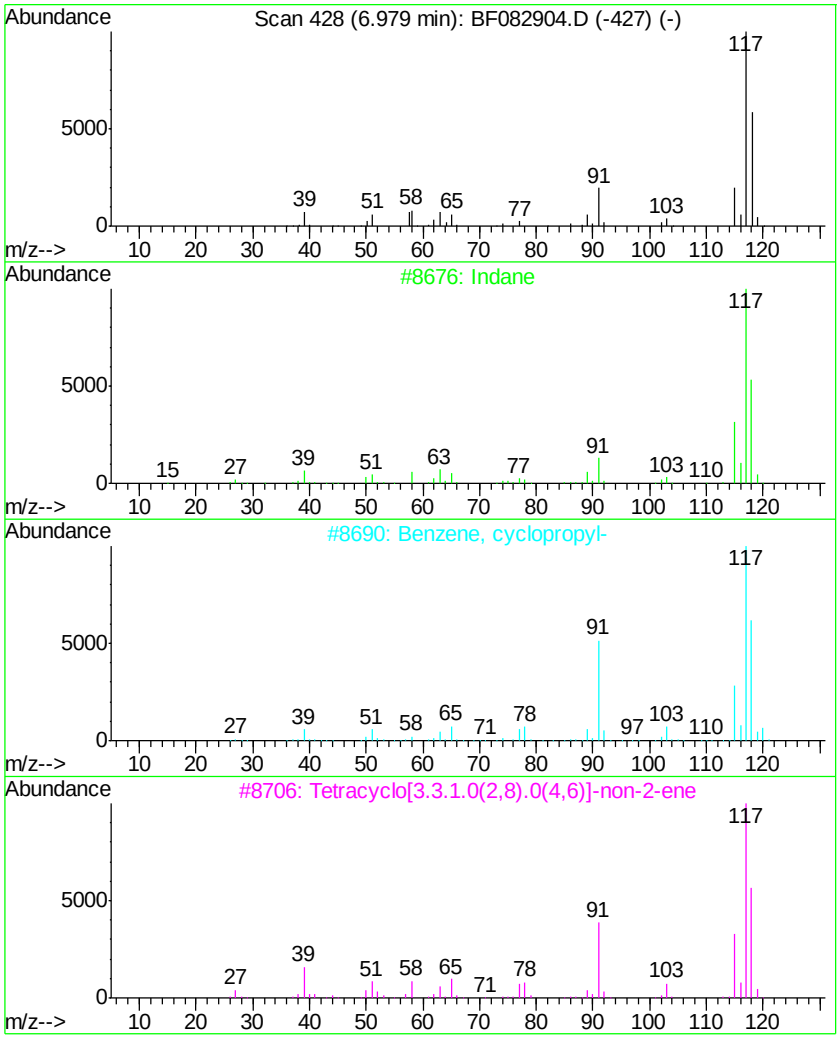
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

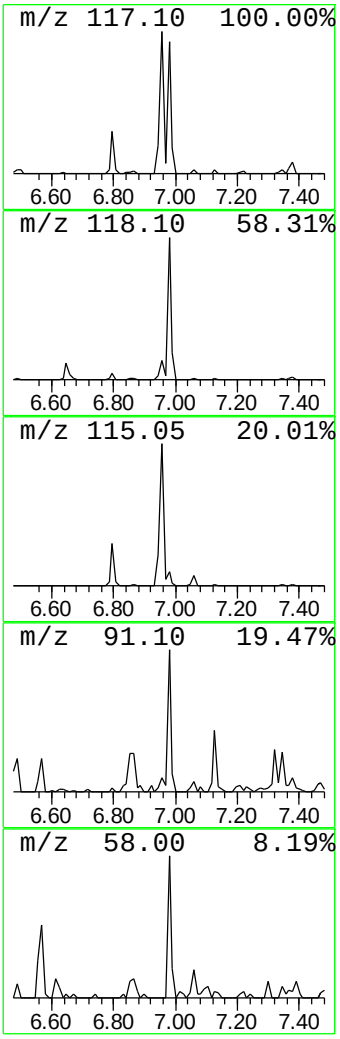
****

Peak Number 5 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	6.39 ng	383761	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082904.D
Acq On : 13 Nov 2015 18:30
Operator : UM/IZ
Sample : G4406-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGEWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

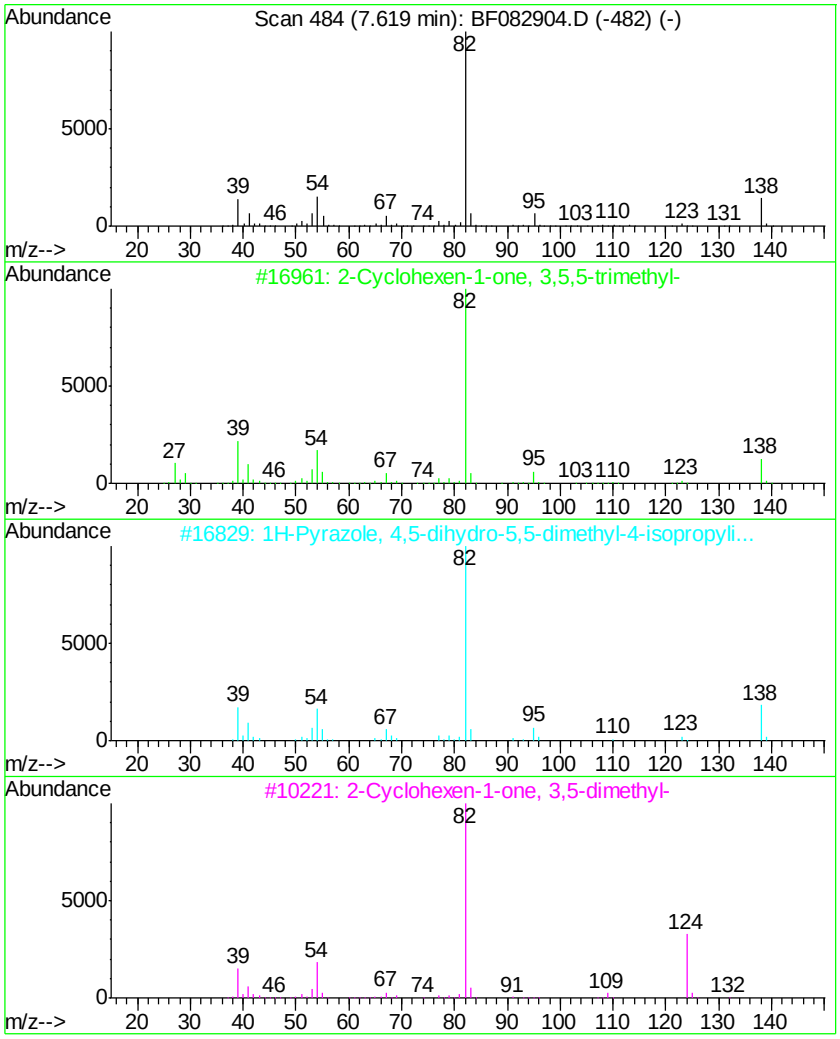
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

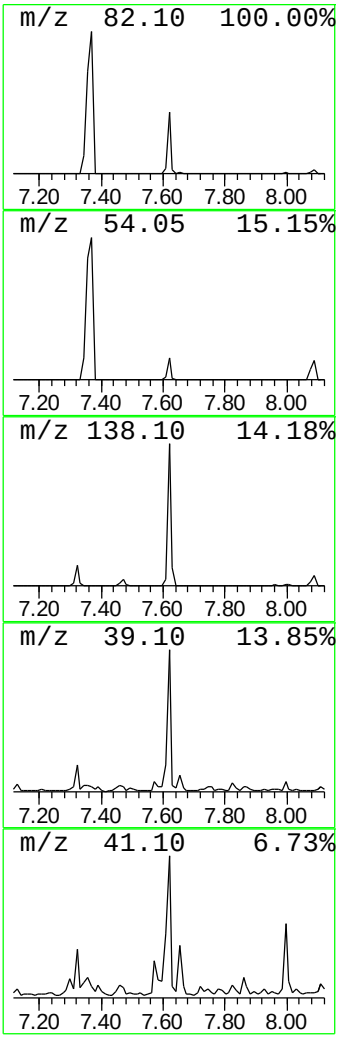
****

Peak Number 6 2-Cyclohexen-1-one, 3,5,5-t... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	12.73 ng	990174	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3,5,5-trimet...	138	C9H14O	000078-59-1	91
2	1H-Pyrazole, 4,5-dihydro-5,5-dim...	138	C8H14N2	106251-09-6	70
3	2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	64
4	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	39
5	Betazole	111	C5H9N3	000105-20-4	38





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Acq On : 13 Nov 2015 18:30
Operator : UM/IZ
Sample : G4406-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGEWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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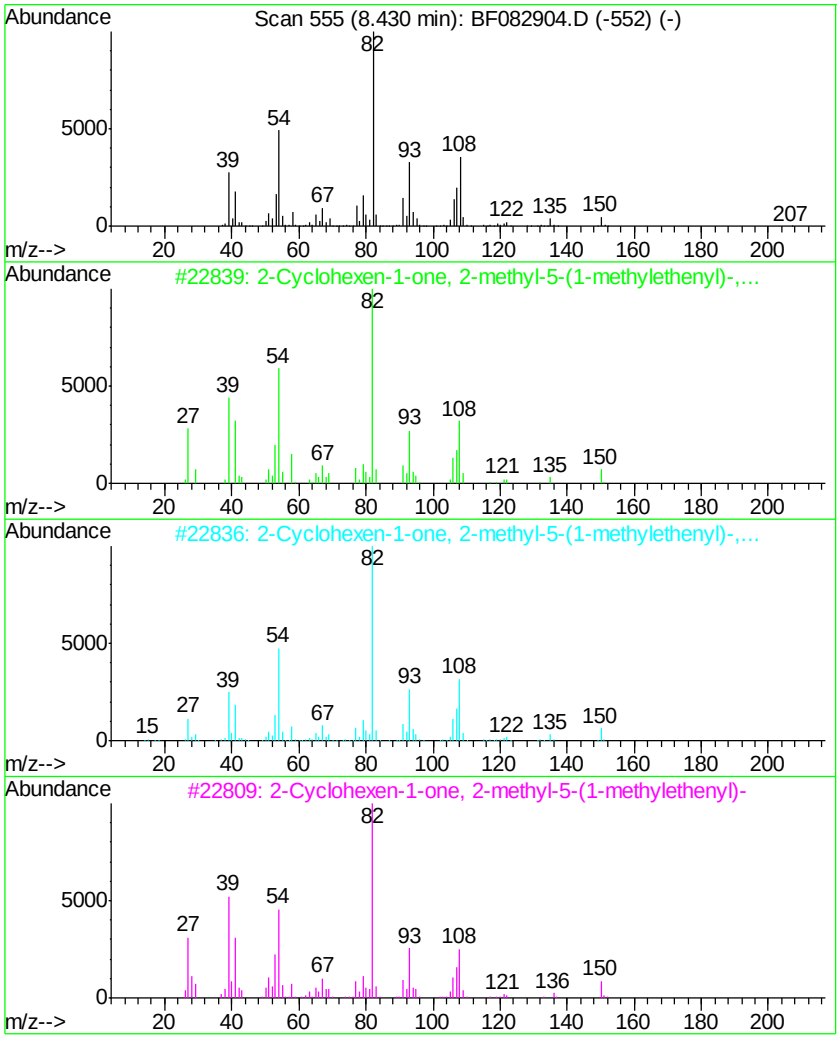
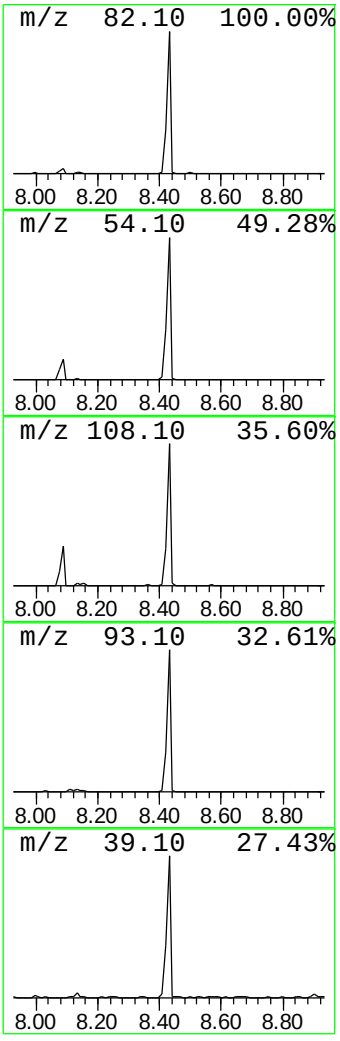
Peak Number 7 2-Cyclohexen-1-one, 2-methy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	49.13 ng	3822230	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 2-methyl-5-(...	150	C10H14O	002244-16-8	95
2	2-Cyclohexen-1-one, 2-methyl-5-(...	150	C10H14O	006485-40-1	91
3	2-Cyclohexen-1-one, 2-methyl-5-(...	150	C10H14O	000099-49-0	87
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	43
5	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	43





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Sample : G4406-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGEWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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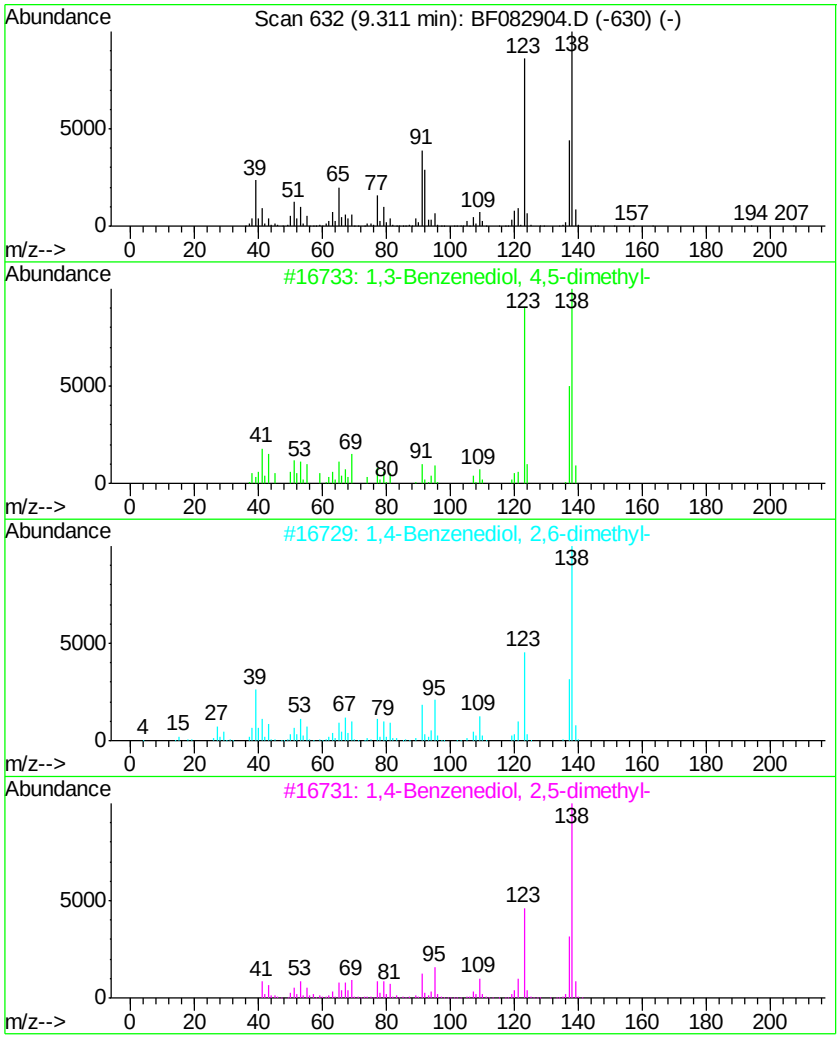
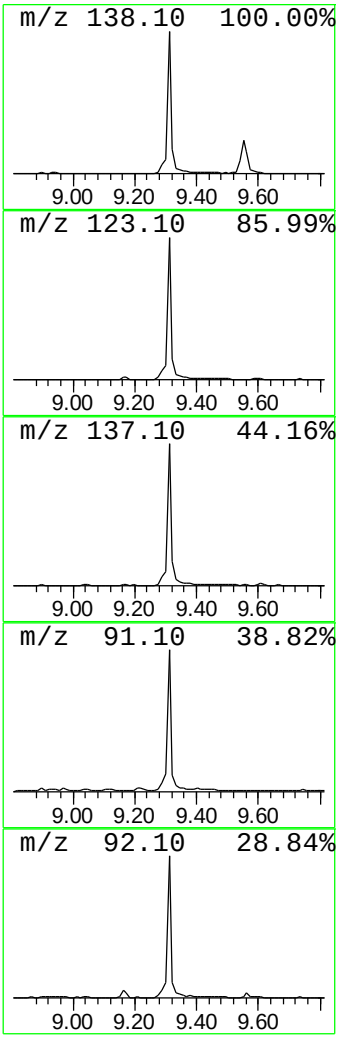
Peak Number 8 1,3-Benzenediol, 4,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	20.53 ng	1784780	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, 4,5-dimethyl-	138	C8H10O2	000527-55-9	81
2	1,4-Benzenediol, 2,6-dimethyl-	138	C8H10O2	000654-42-2	64
3	1,4-Benzenediol, 2,5-dimethyl-	138	C8H10O2	000615-90-7	62
4	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	53
5	Phosphine, dimethylphenyl-	138	C8H11P	000672-66-2	52





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ClientSampleId : PURGEWATER

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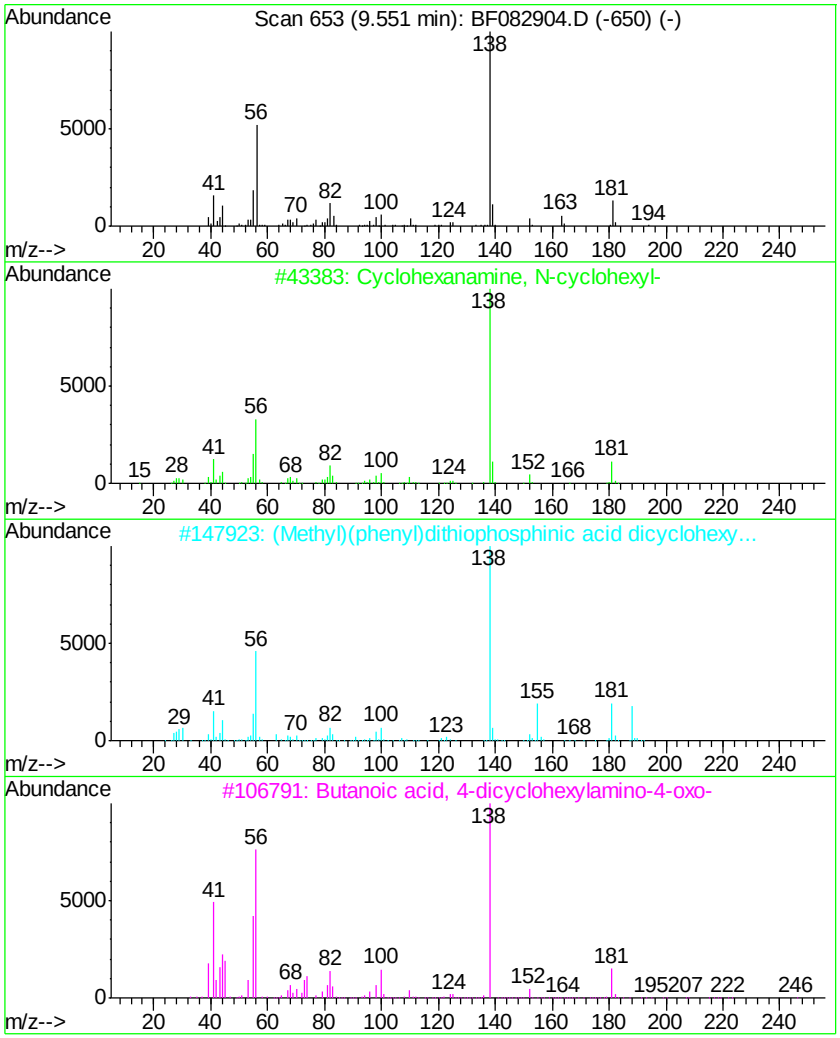
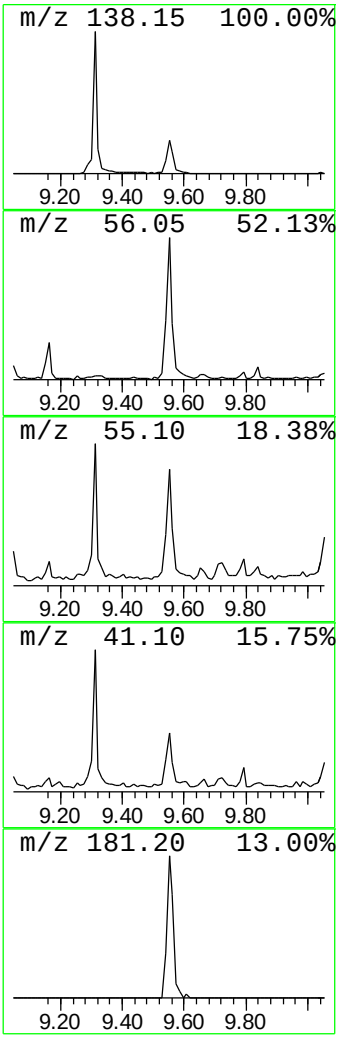
Peak Number 9 Cyclohexanamine, N-cyclohexyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	5.69 ng	494390	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	95
2	(Methyl)(phenyl)dithiophosphinic...	369	C19H32NPS2	1000162-91-1	56
3	Butanoic acid, 4-dicyclohexylami...	281	C16H27NO3	328013-95-2	56
4	N-[1-(Dicyclohexylamino)-2,2,2-t...	416	C19H30F6N2O	1000225-27-8	45
5	4,6-Dimethyl-2-pyrimidinylhydrazine	138	C6H10N4	023906-13-0	38





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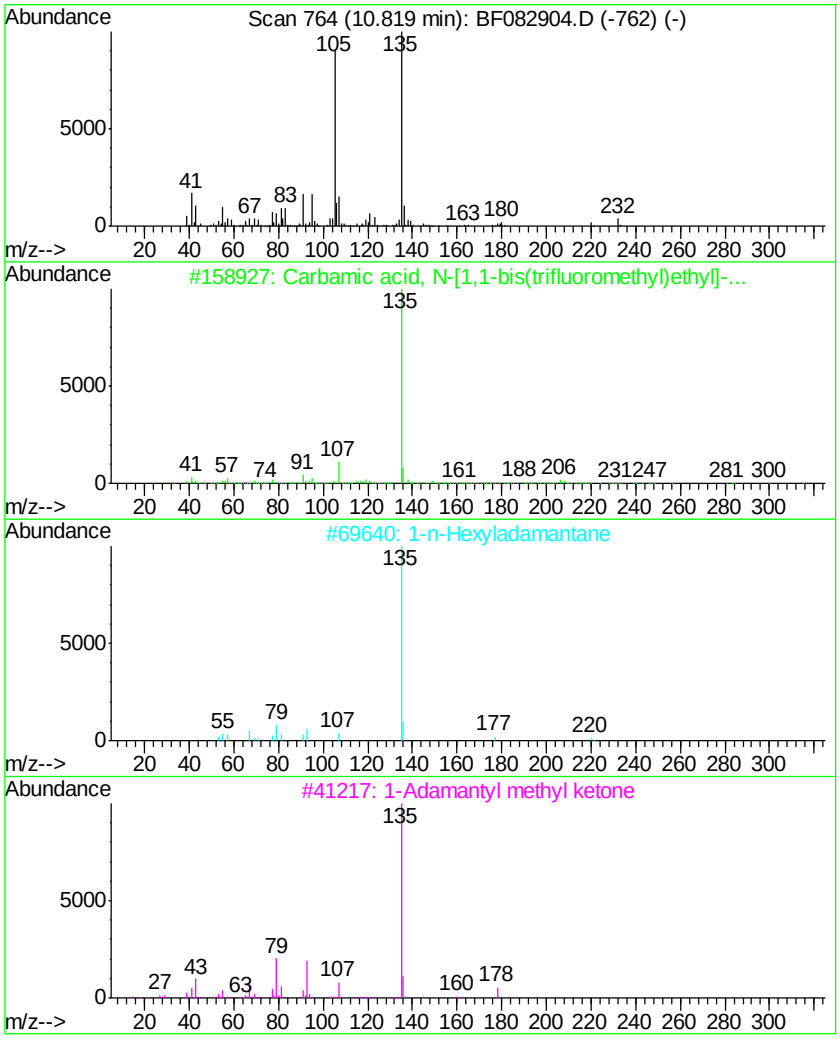
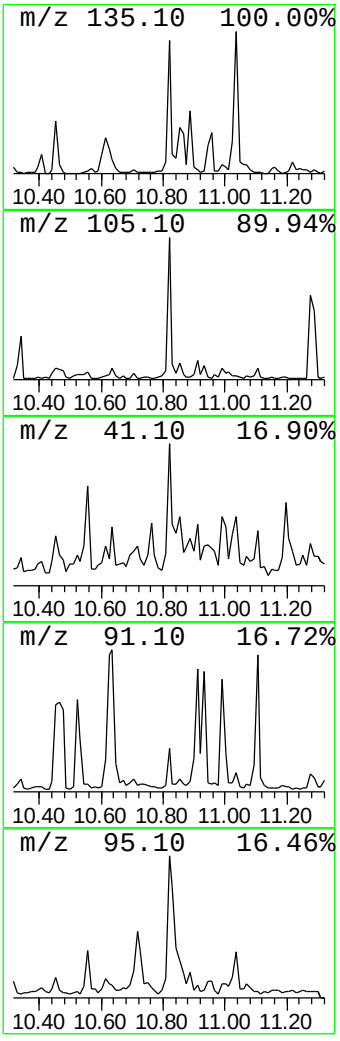
Peak Number 10 Carbamic acid, N-[1,1-bis(t... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	6.96 ng	612255	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	53
2	1-n-Hexyladamantane	220	C16H28	022458-75-9	49
3	1-Adamantyl methyl ketone	178	C12H18O	001660-04-4	47
4	1-Adamantanecarboxlic acid chloride	198	C11H15ClO	002094-72-6	47
5	1-Adamantyl bromomethyl ketone	256	C12H17BrO	005122-82-7	47





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGEWATER

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

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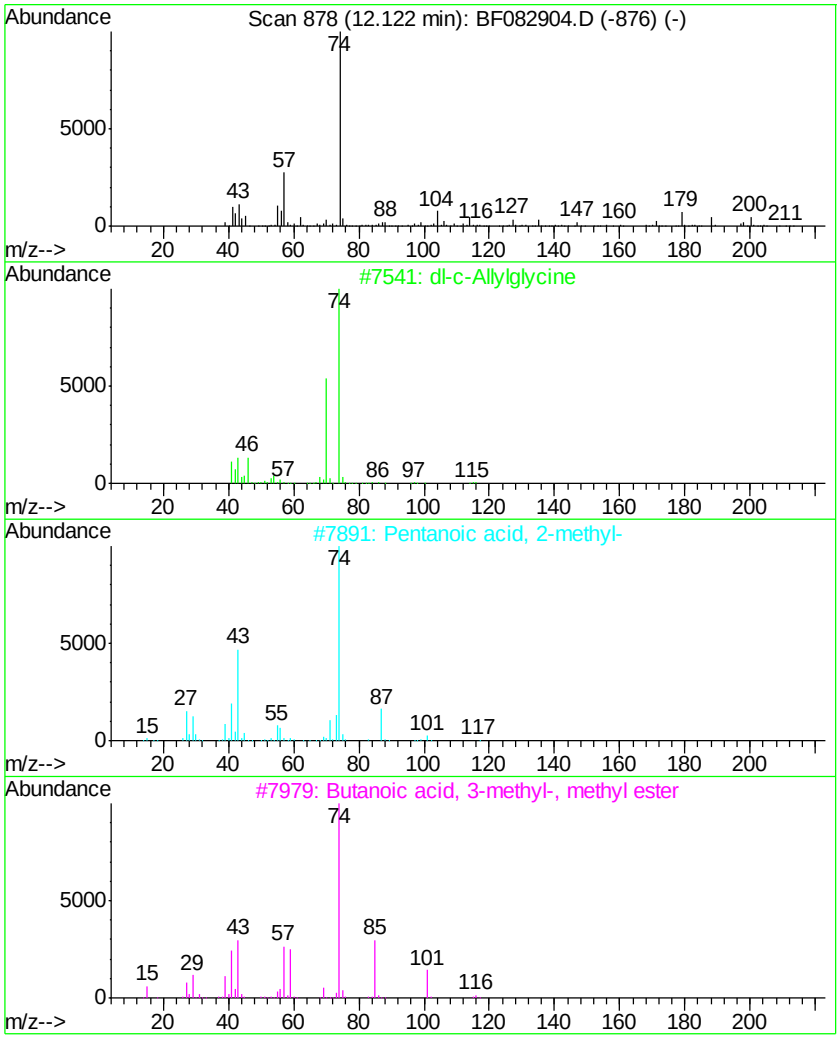
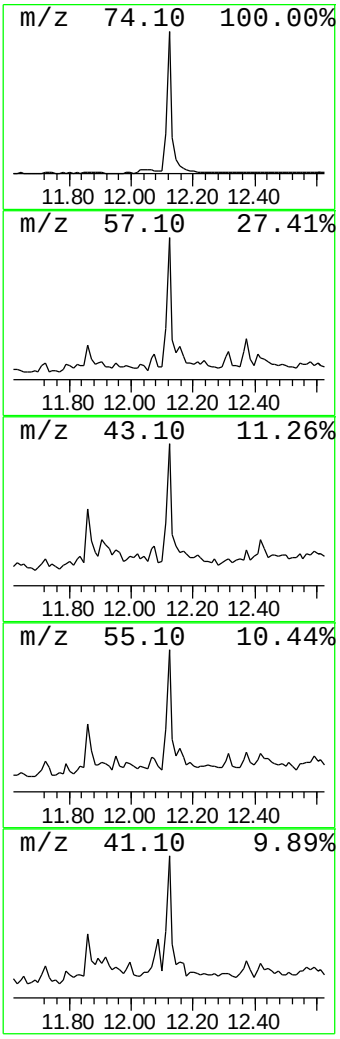
Peak Number 11 unknown12.12 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	6.66 ng	586119	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-c-Allylglycine	115	C5H9NO2	007685-44-1	40
2	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	33
3	Butanoic acid, 3-methyl-, methyl...	116	C6H12O2	000556-24-1	33
4	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	9
5	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	9





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGEWATER

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

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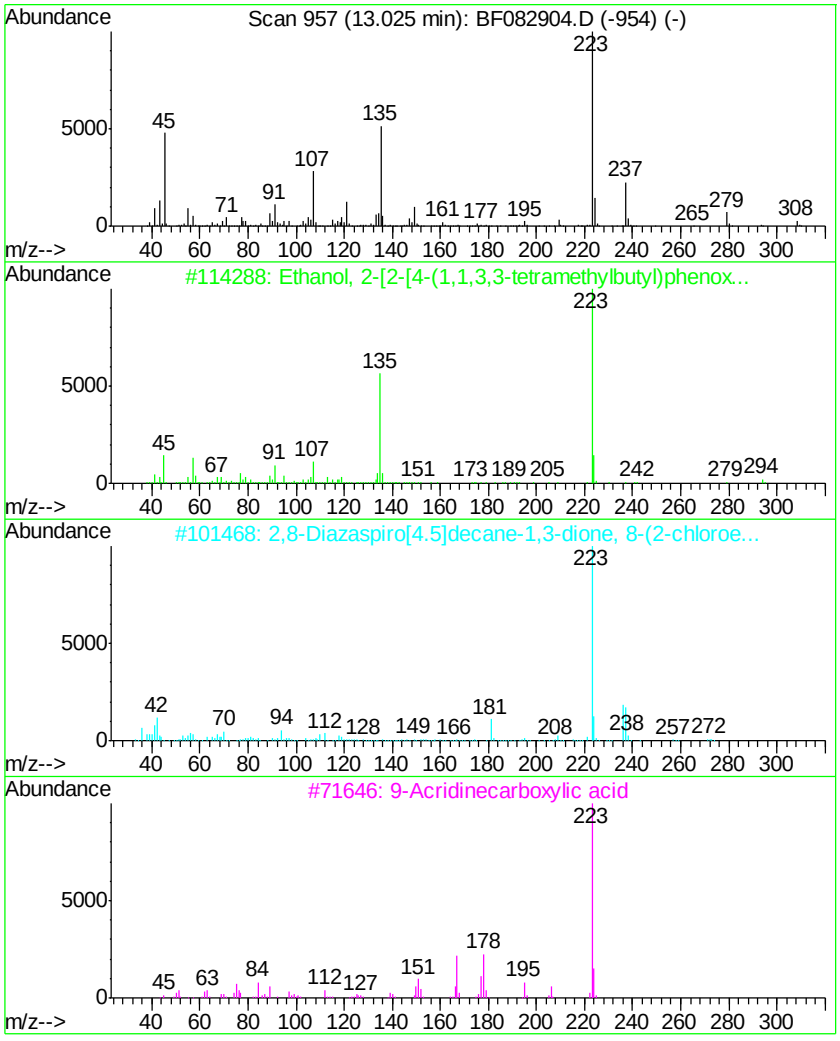
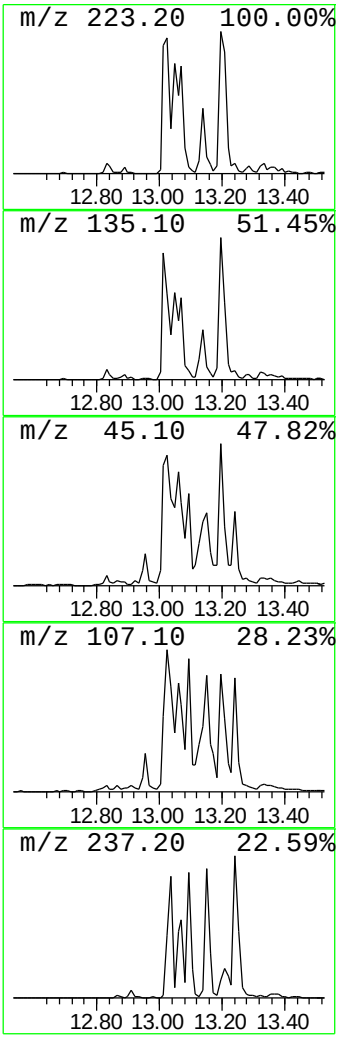
Peak Number 12 unknown13.03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	64.90 ng	7325180	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	49
2	2,8-Diazaspiro[4.5]decane-1,3-di...	272	C13H21ClN2O2	132168-96-8	27
3	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	12
4	2-[p-Aminobenzyl]benzimidazole	223	C14H13N3	099206-51-6	12
5	N,N-Dimethyl-bis(trifluoromethyl...	223	C6H7F6NO	013264-27-2	12





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Sample : G4406-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGEWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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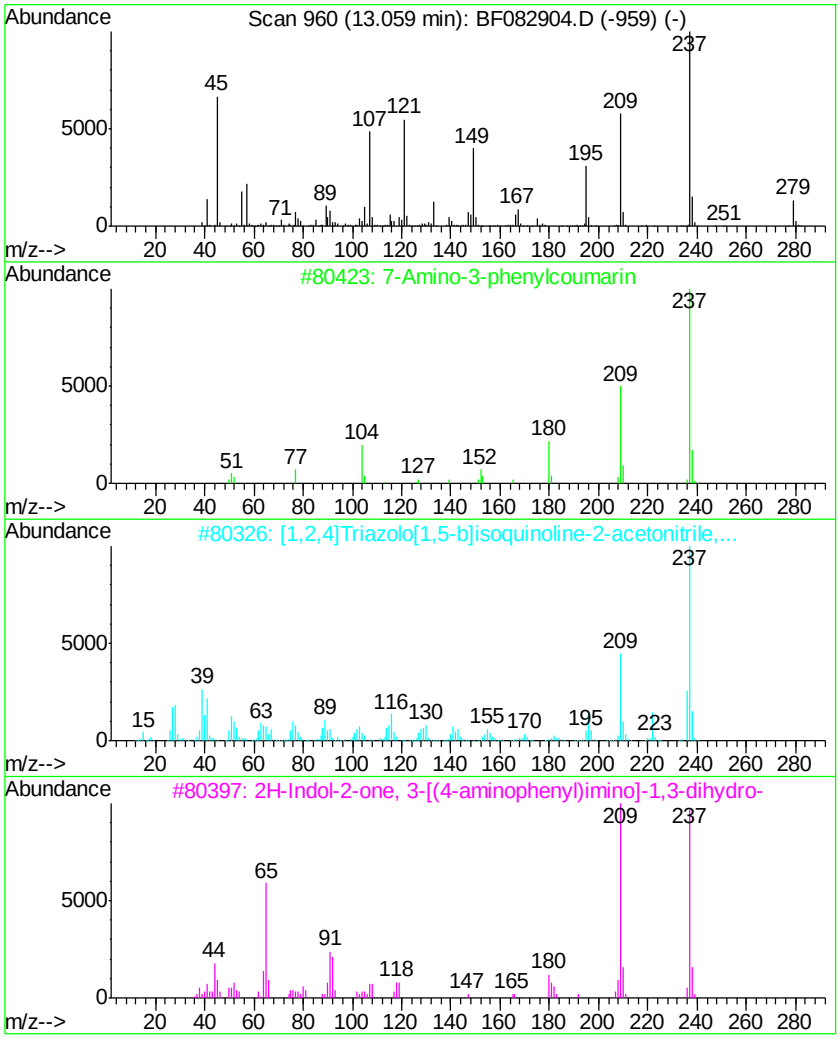
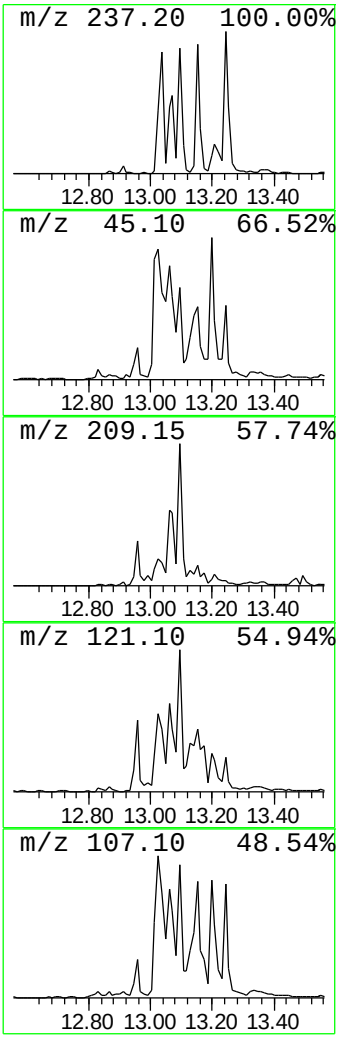
Peak Number 13 unknown13.06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	37.09 ng	4186170	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Amino-3-phenylcoumarin	237	C15H11NO2	004108-61-6	38
2	[1,2,4]Triazolo[1,5-b]isoquinoli...	237	C13H11N5	132011-89-3	35
3	2H-Indol-2-one, 3-[(4-aminophenv...	237	C14H11N3O	033829-07-1	35
4	Pyrido[2,3-d]pyrimidin-5(8H)-one...	237	C14H11N3O	161465-98-1	25
5	2-Amino-10-oxo-10H-9-oxa-1-aza-a...	237	C13H7N3O2	061424-81-5	22





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ClientSampleId : PURGEWATER

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TIC Library : C:\DATABASE\NIST02.L
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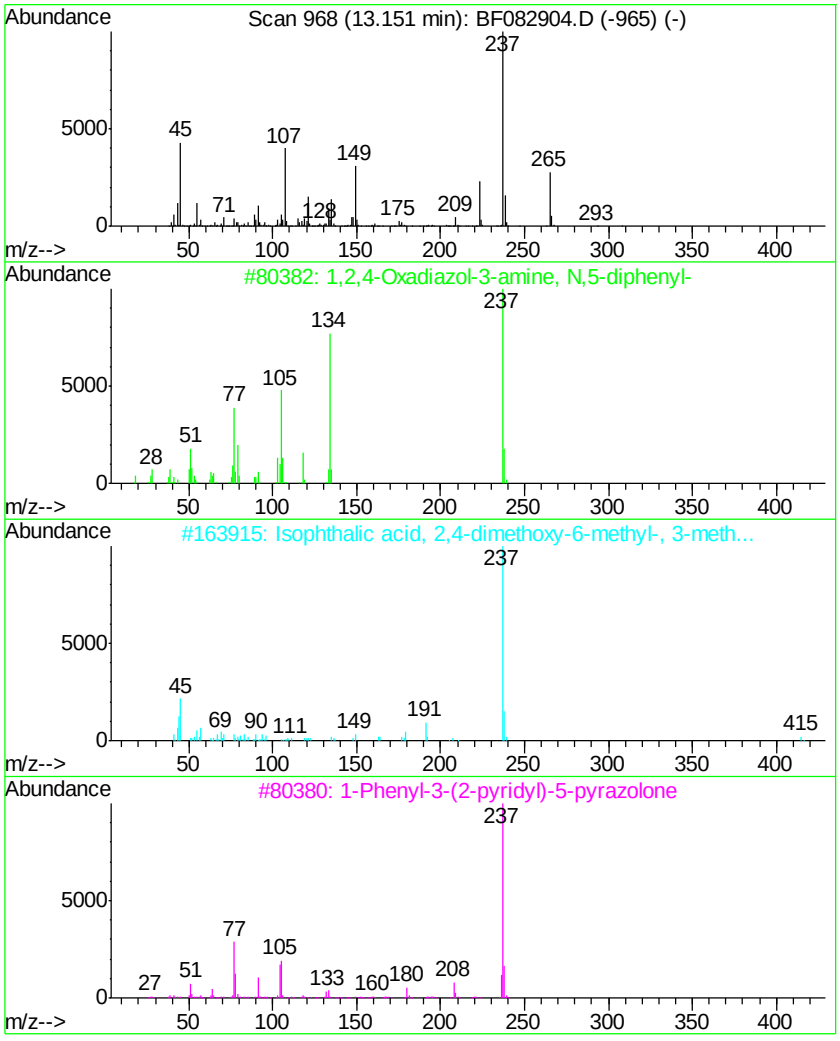
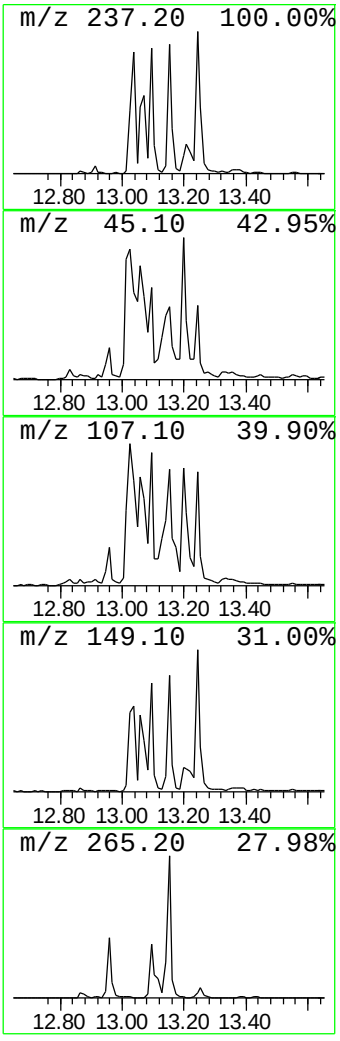
Peak Number 14 unknown13.15 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	33.17 ng	3744060	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Oxadiazol-3-amine, N,5-dip...	237	C14H11N3O	058599-06-7	22
2	Isophthalic acid, 2,4-dimethoxy-...	446	C23H26O9	019314-77-3	16
3	1-Phenyl-3-(2-pyridyl)-5-pyrazolone	237	C14H11N3O	021683-60-3	12
4	Phosphine, [2-[(dimethylphosphin...	252	C11H27P3	077609-83-7	12
5	2H-Benzopyran-2-one, 4-amino-3-p...	237	C15H11NO2	091622-60-5	10





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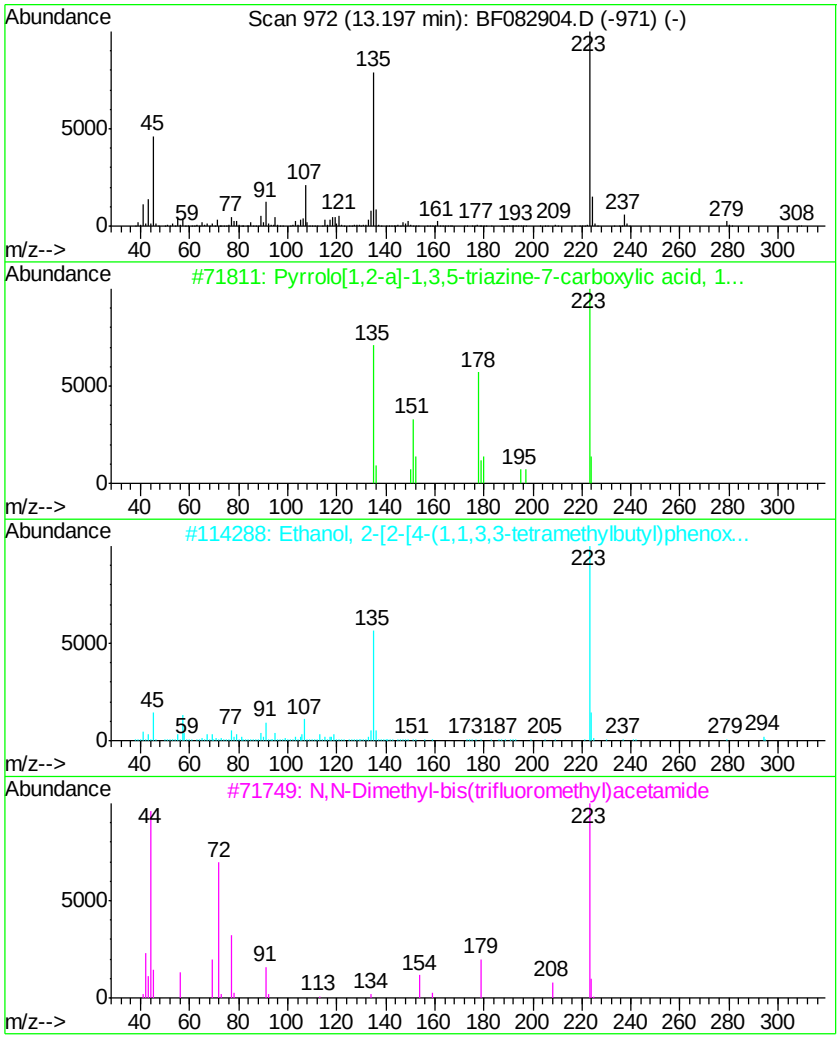
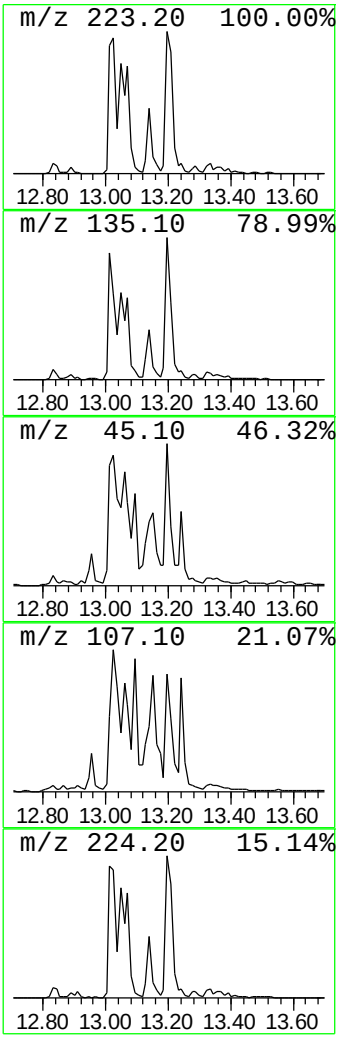
Peak Number 15 Pyrrolo[1,2-a]-1,3,5-triazi... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	36.07 ng	4071090	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	83
2	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	74
3	N,N-Dimethyl-bis(trifluoromethyl...	223	C6H7F6NO	013264-27-2	27
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	27
5	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	27





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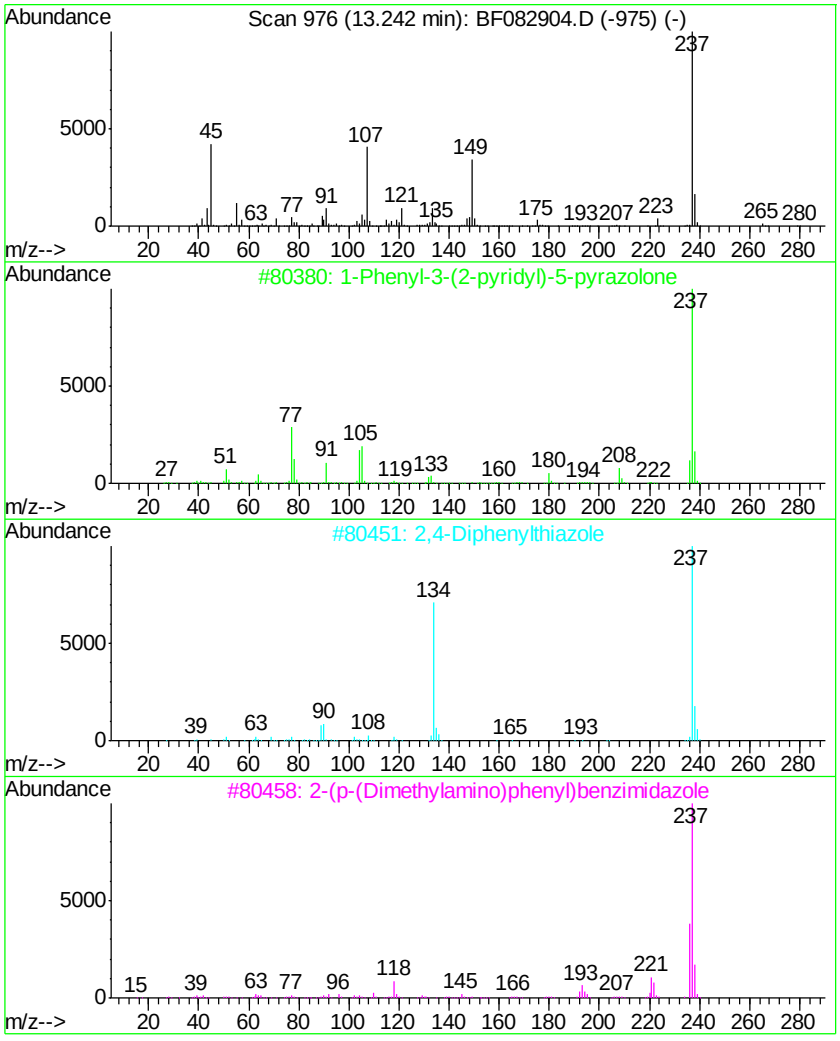
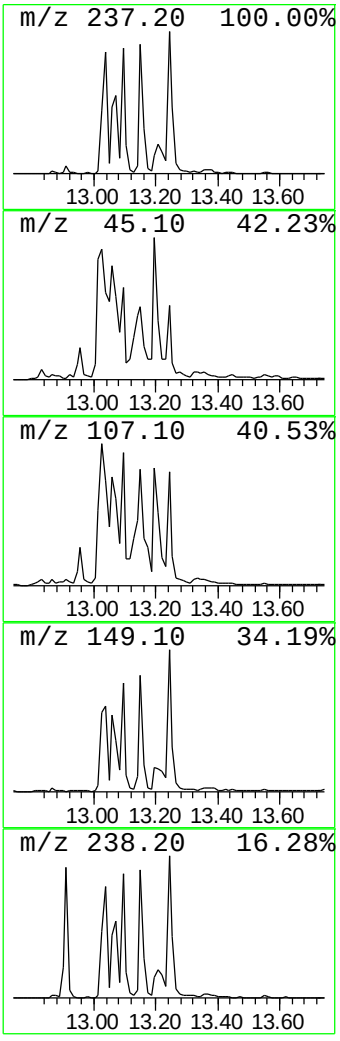
Peak Number 16 unknown13.24 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	11.84 ng	1336060	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-3-(2-pyridyl)-5-pyrazolone	237	C14H11N3O	021683-60-3	27
2	2,4-Diphenylthiazole	237	C15H11NS	001826-14-8	27
3	2-(p-(Dimethylamino)phenyl)benzi...	237	C15H15N3	002562-71-2	27
4	1,2,4-Oxadiazol-3-amine, N,5-dip...	237	C14H11N3O	058599-06-7	16
5	Phosphine, [2-[(dimethylphosphin...	252	C11H27P3	077609-83-7	16





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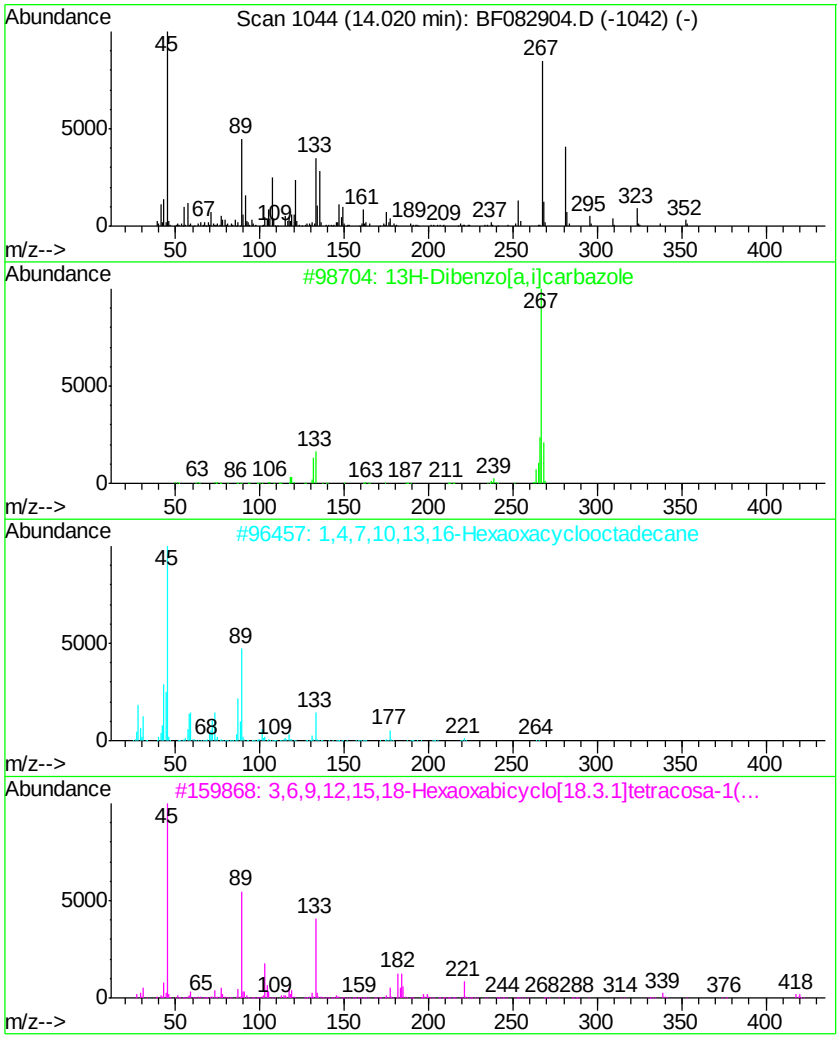
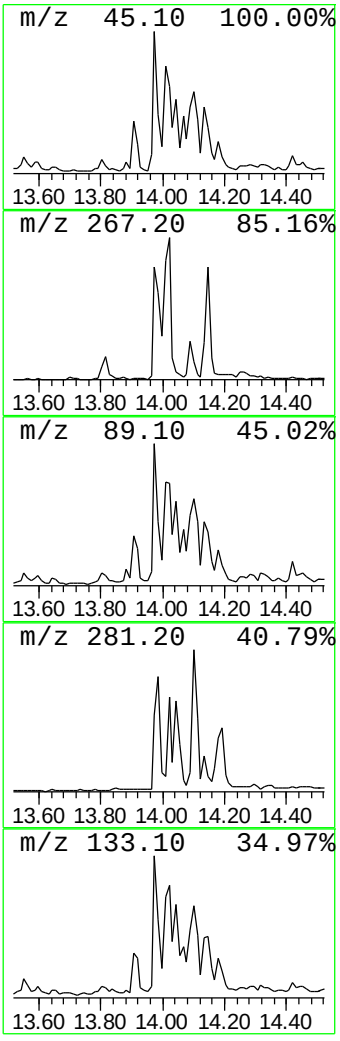
Peak Number 17 unknown14.02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	10.57 ng	1193480	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	27
2	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	16
3	3,6,9,12,15,18-Hexaoxabicyclo[18...	418	C18H27BrO6	111982-22-0	16
4	3,6,9,12,15-Pentaoxabicyclo[15.3...	374	C16H23BrO5	055440-88-5	16
5	Hexagol	282	C12H26O7	002615-15-8	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082904.D
Acq On : 13 Nov 2015 18:30
Operator : UM/IZ
Sample : G4406-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGEWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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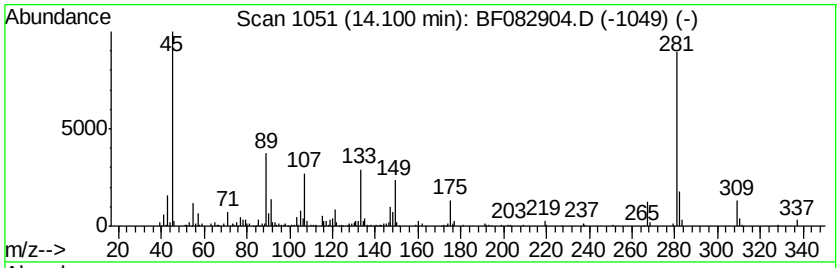
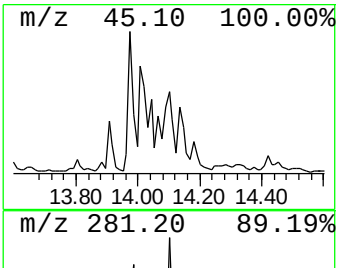
Peak Number 18 unknown14.10 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	6.56 ng	739974	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Tetraethyl-1-butoxycyclo...	368	C12H32O5Si4	073420-27-6	27
2	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	22
3	Butane, 1-chloro-4-methoxy-	122	C5H11ClO	017913-18-7	18
4	Cyclopentanecarboxamide, 3-ethen...	281	C19H23NO	136091-23-1	16
5	Pentane, 1-methoxy-	102	C6H14O	000628-80-8	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082904.D
Acq On : 13 Nov 2015 18:30
Operator : UM/IZ
Sample : G4406-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGEWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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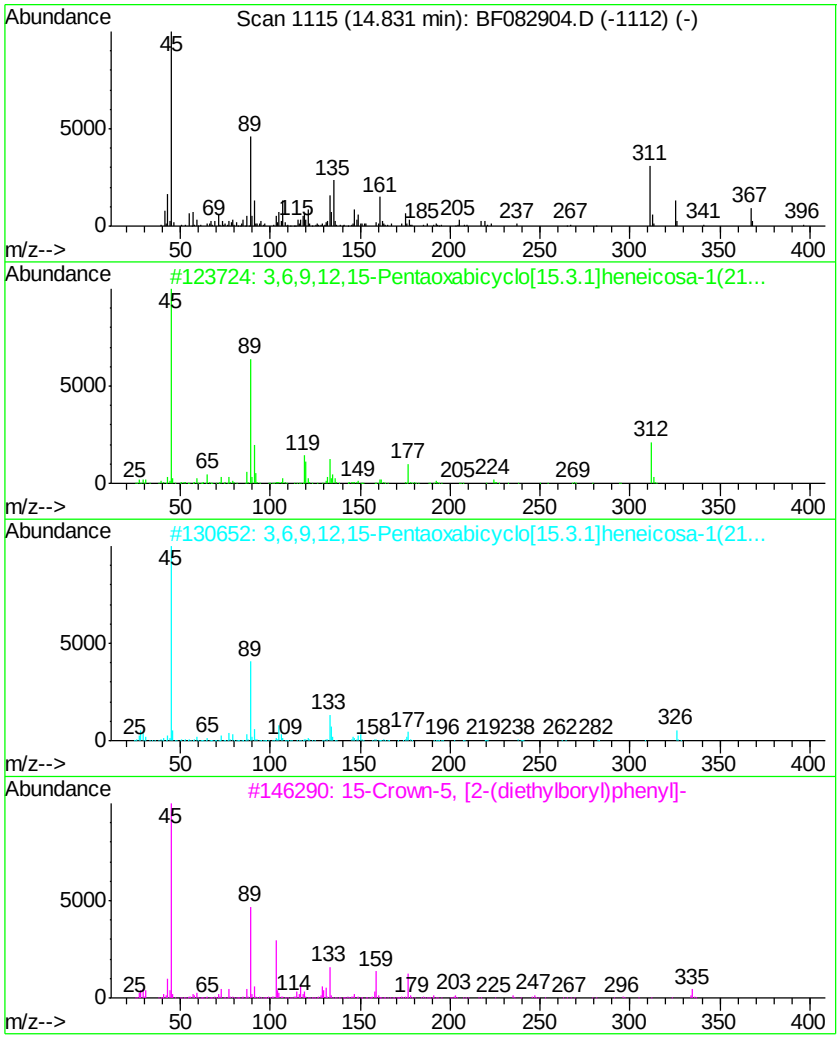
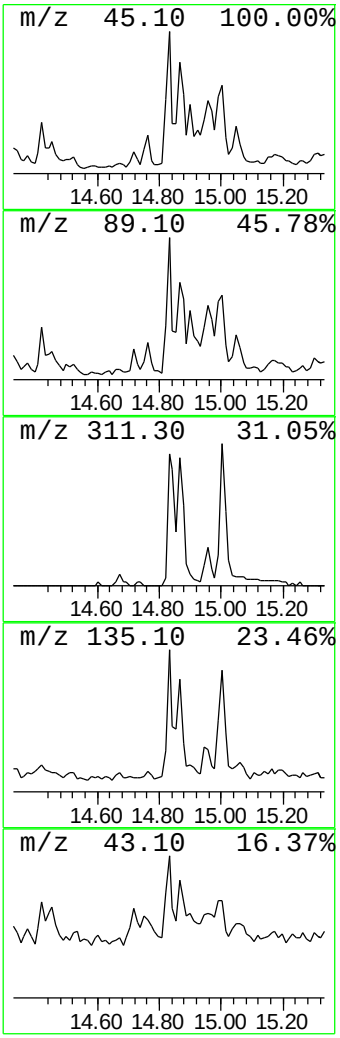
Peak Number 19 unknown14.83 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	5.76 ng	341731	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxabicyclo[15.3...	312	C16H24O6	065112-36-9	47
2	3,6,9,12,15-Pentaoxabicyclo[15.3...	326	C17H26O6	071128-99-9	38
3	15-Crown-5, [2-(diethylboryl)phe...	364	C20H33BO5	1000162-41-9	38
4	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	28
5	Octaethylene glycol	370	C16H34O9	1000289-34-2	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082904.D
Acq On : 13 Nov 2015 18:30
Operator : UM/IZ
Sample : G4406-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGEWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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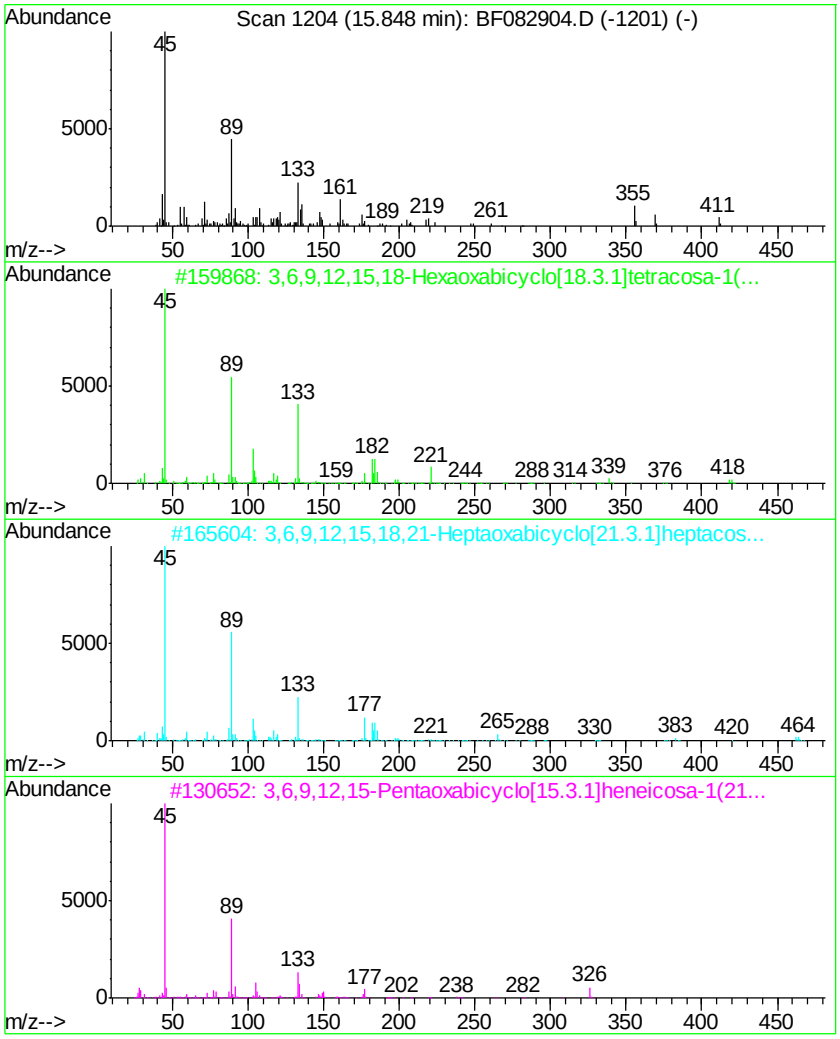
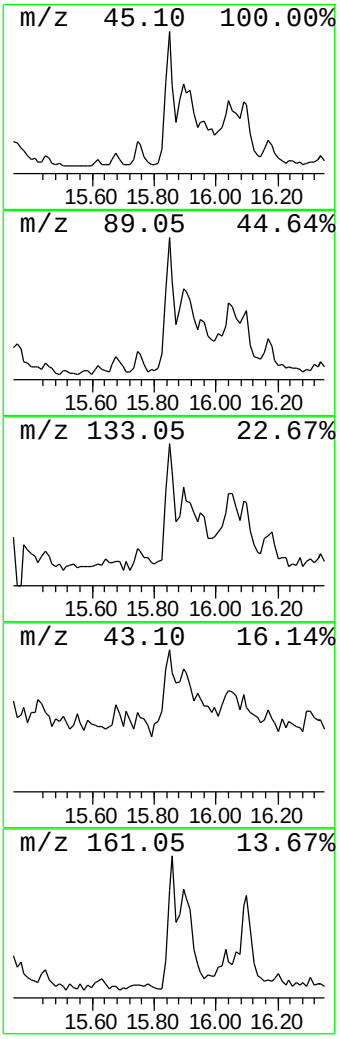
Peak Number 20 unknown15.85 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	4.76 ng	282440	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15,18-Hexaoxabicyclo[18...	418	C18H27BrO6	111982-22-0	42
2	3,6,9,12,15,18,21-Heptaoxabicycl...	462	C20H31BrO7	111982-23-1	42
3	3,6,9,12,15-Pentaoxabicyclo[15.3...	326	C17H26O6	071128-99-9	42
4	12-Crown-4, [2-(benzo-1,3,2-diox...	370	C20H23BO6	1000163-23-4	38
5	Octaethylene glycol	370	C16H34O9	1000289-34-2	36





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082904.D
Acq On : 13 Nov 2015 18:30
Operator : UM/IZ
Sample : G4406-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGEWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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
2-Pentanone, 4-hy...	4.96	9.8	ng	591671	1	6.80	1201990	20.0
unknown6.57	6.57	75.1	ng	4515420	1	6.80	1201990	20.0
Benzene, 1,2,3-tr...	6.86	5.9	ng	356213	1	6.80	1201990	20.0
Indane	6.98	6.4	ng	383761	1	6.80	1201990	20.0
2-Cyclohexen-1-on...	7.62	12.7	ng	990174	2	8.09	1555880	20.0
2-Cyclohexen-1-on...	8.43	49.1	ng	3822230	2	8.09	1555880	20.0
1,3-Benzenediol, ...	9.31	20.5	ng	1784780	3	9.84	1738300	20.0
Cyclohexanamine, ...	9.55	5.7	ng	494390	3	9.84	1738300	20.0
Carbamic acid, N-...	10.82	7.0	ng	612255	4	11.32	1760000	20.0
unknown12.12	12.12	6.7	ng	586119	4	11.32	1760000	20.0
unknown13.03	13.03	64.9	ng	7325180	5	13.95	2257370	20.0
unknown13.06	13.06	37.1	ng	4186170	5	13.95	2257370	20.0
unknown13.15	13.15	33.2	ng	3744060	5	13.95	2257370	20.0
Pyrrolo[1,2-a]-1,...	13.20	36.1	ng	4071090	5	13.95	2257370	20.0
unknown13.24	13.24	11.8	ng	1336060	5	13.95	2257370	20.0
unknown14.02	14.02	10.6	ng	1193480	5	13.95	2257370	20.0
unknown14.10	14.10	6.6	ng	739974	5	13.95	2257370	20.0
unknown14.83	14.83	5.8	ng	341731	6	15.37	1186280	20.0
unknown15.85	15.85	4.8	ng	282440	6	15.37	1186280	20.0