LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082921.D
Acq On : 14 Nov 2015 3:46
Operator : UM/IZ
Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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	2.876	67	69	72	rBV	45141	83350	1.72%	0.088%
2	3.584	127	131	136	rBV	415994	724899	14.93%	0.761%
3	4.316	192	195	198	rBV2	71406	116596	2.40%	0.122%
4	4.921	238	248	250	rBV4	42965	115423	2.38%	0.121%
5	4.967	250	252	255	rVB	727522	756119	15.57%	0.794%
6	5.333	282	284	285	rBV	111304	117553	2.42%	0.123%
7	5.379	285	288	290	rVB2	46688	69289	1.43%	0.073%
8	5.424	290	292	294	rBV	2220637	2210599	45.52%	2.322%
9	5.561	301	304	307	rVB2	66872	121035	2.49%	0.127%
10	5.630	307	310	312	rVV2	121854	198860	4.10%	0.209%
11	5.699	315	316	319	rVB2	69628	94068	1.94%	0.099%
12	5.836	326	328	330	rVB	199139	172808	3.56%	0.181%
13	6.042	344	346	351	rVB	104711	186769	3.85%	0.196%
14	6.122	351	353	357	rVB2	77654	118519	2.44%	0.124%
15	6.202	357	360	364	rBV4	31301	67564	1.39%	0.071%
16	6.304	366	369	371	rBV	61774	89993	1.85%	0.095%
17	6.350	371	373	376	rVB4	36800	76135	1.57%	0.080%
18	6.407	376	378	379	rBV	164112	164337	3.38%	0.173%
19	6.464	379	383	385	rBV	1459451	1751635	36.07%	1.840%
20	6.579	391	393	396	rVB	3660576	3396806	69.95%	3.567%
21	6.670	396	401	405	rVB6	172864	642393	13.23%	0.675%
22	6.762	405	409	411	rBV4	101793	223034	4.59%	0.234%
23	6.807	411	413	415	rBV	1167640	1208490	24.89%	1.269%
24	6.887	417	420	424	rBV	3503556	4132264	85.09%	4.340%
25	6.967	424	427	428	rBV	3172386	3461589	71.28%	3.635%
26	6.990	428	429	432	rVB2	146309	209231	4.31%	0.220%
27	7.162	439	444	446	rVB3	199196	383825	7.90%	0.403%
28	7.207	446	448	450	rBV2	186006	284717	5.86%	0.299%
29	7.253	450	452	455	rBV3	259125	450730	9.28%	0.473%
30	7.333	455	459	460	rBV2	353945	576653	11.87%	0.606%
31	7.367	460	462	464	rBV	2238338	2735963	56.34%	2.873%
32	7.425	464	467	468	rVB	465897	579928	11.94%	0.609%
33	7.447	468	469	471	rVB2	94228	123893	2.55%	0.130%
34	7.516	471	475	478	rBV4	276231	581096	11.97%	0.610%

LSC Area Percent Report

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Acq On : 14 Nov 2015 3:46
Operator : UM/IZ
Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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	7.585	478	481	482	rBV2	185741	297559	6.13%	0.312%
36	7.607	482	483	485	rVB2	203223	154674	3.19%	0.162%
37	7.676	487	489	490	rBV	439443	420156	8.65%	0.441%
38	7.710	490	492	493	rVB	77666	67038	1.38%	0.070%
39	7.767	493	497	500	rVB4	561314	858081	17.67%	0.901%
40	7.836	500	503	505	rBV4	593967	1043736	21.49%	1.096%
41	7.905	507	509	512	rBV3	359972	549331	11.31%	0.577%
42	7.962	512	514	515	rBV2	85831	95732	1.97%	0.101%
43	8.007	516	518	519	rBV2	270144	282725	5.82%	0.297%
44	8.042	519	521	522	rBV	167713	222185	4.58%	0.233%
45	8.087	522	525	528	rBV2	1394982	2243446	46.20%	2.356%
46	8.167	529	532	534	rVB3	483394	778627	16.03%	0.818%
47	8.213	534	536	537	rBV	250086	368478	7.59%	0.387%
48	8.282	537	542	543	rVB2	860195	1549016	31.90%	1.627%
49	8.339	543	547	548	rBV3	704251	1207212	24.86%	1.268%
50	8.373	548	550	551	rBV	204722	200264	4.12%	0.210%
51	8.408	551	553	554	rVB2	454936	607347	12.51%	0.638%
52	8.442	554	556	557	rBV2	359530	429653	8.85%	0.451%
53	8.533	561	564	565	rBV2	699307	1174193	24.18%	1.233%
54	8.579	565	568	571	rBV4	1027671	2314183	47.66%	2.430%
55	8.636	571	573	574	rVB	611683	704877	14.52%	0.740%
56	8.670	574	576	578	rVB2	640269	930743	19.17%	0.977%
57	8.728	578	581	582	rBV2	694695	1263570	26.02%	1.327%
58	8.830	588	590	592	rVB2	512913	761545	15.68%	0.800%
59	8.865	592	593	595	rBV	617595	1124931	23.17%	1.181%
60	8.910	595	597	598	rVV	1101732	1175940	24.22%	1.235%
61	8.945	598	600	602	rVV2	801015	1445711	29.77%	1.518%
62	8.990	602	604	605	rVV2	715814	894569	18.42%	0.939%
63	9.025	605	607	608	rVV2	417000	491864	10.13%	0.517%
64	9.070	608	611	613	rVV4	905507	2266573	46.67%	2.380%
65	9.116	613	615	616	rVV	725082	1217806	25.08%	1.279%
66	9.173	618	620	622	rVV	4009385	4856084	100.00%	5.100%
67	9.242	625	626	627	rVB	316845	246181	5.07%	0.259%
68	9.333	632	634	636	rBV3	541887	933012	19.21%	0.980%
69	9.390	636	639	640	rVV2	723672	1229920	25.33%	1.292%
70	9.448	642	644	649	rVB5	565456	1319597	27.17%	1.386%
71	9.528	649	651	653	rBV3	1151792	2112585	43.50%	2.219%

LSC Area Percent Report

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Acq On : 14 Nov 2015 3:46
Operator : UM/IZ
Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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	9.585	653	656	659	rVB5	719201	2219702	45.71%	2.331%
73	9.848	678	679	685	rVB3	872692	2013850	41.47%	2.115%
74	9.962	687	689	690	rBV	741782	696868	14.35%	0.732%
75	10.019	692	694	697	rVV3	639134	972246	20.02%	1.021%
76	10.076	697	699	700	rVV	454412	496829	10.23%	0.522%
77	10.168	704	707	708	rBV3	460383	924475	19.04%	0.971%
78	10.202	708	710	715	rVV5	696878	1559975	32.12%	1.638%
79	10.282	715	717	719	rVB3	765753	1239716	25.53%	1.302%
80	10.488	733	735	737	rBV3	820287	1119125	23.05%	1.175%
81	10.625	744	747	748	rBV2	575786	1272157	26.20%	1.336%
82	10.648	748	749	751	rVV	2026698	1904737	39.22%	2.000%
83	10.739	755	757	759	rBV2	543448	812893	16.74%	0.854%
84	10.842	764	766	768	rVV	909201	1308645	26.95%	1.374%
85	10.888	768	770	776	rVB3	1265930	3654820	75.26%	3.838%
86	11.059	784	785	788	rBV	814365	1466280	30.19%	1.540%
87	11.345	808	810	812	rVB	724944	823495	16.96%	0.865%
88	11.928	859	861	867	rBV2	1256623	2374567	48.90%	2.494%
89	12.717	928	930	933	rVB	1789527	1958317	40.33%	2.057%
90	12.934	947	949	951	rVB	2569556	2305143	47.47%	2.421%
91	13.985	1039	1041	1043	rVB	910915	805222	16.58%	0.846%
92	15.414	1163	1166	1174	rVB	718761	1228212	25.29%	1.290%

Sum of corrected areas: 95222581

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
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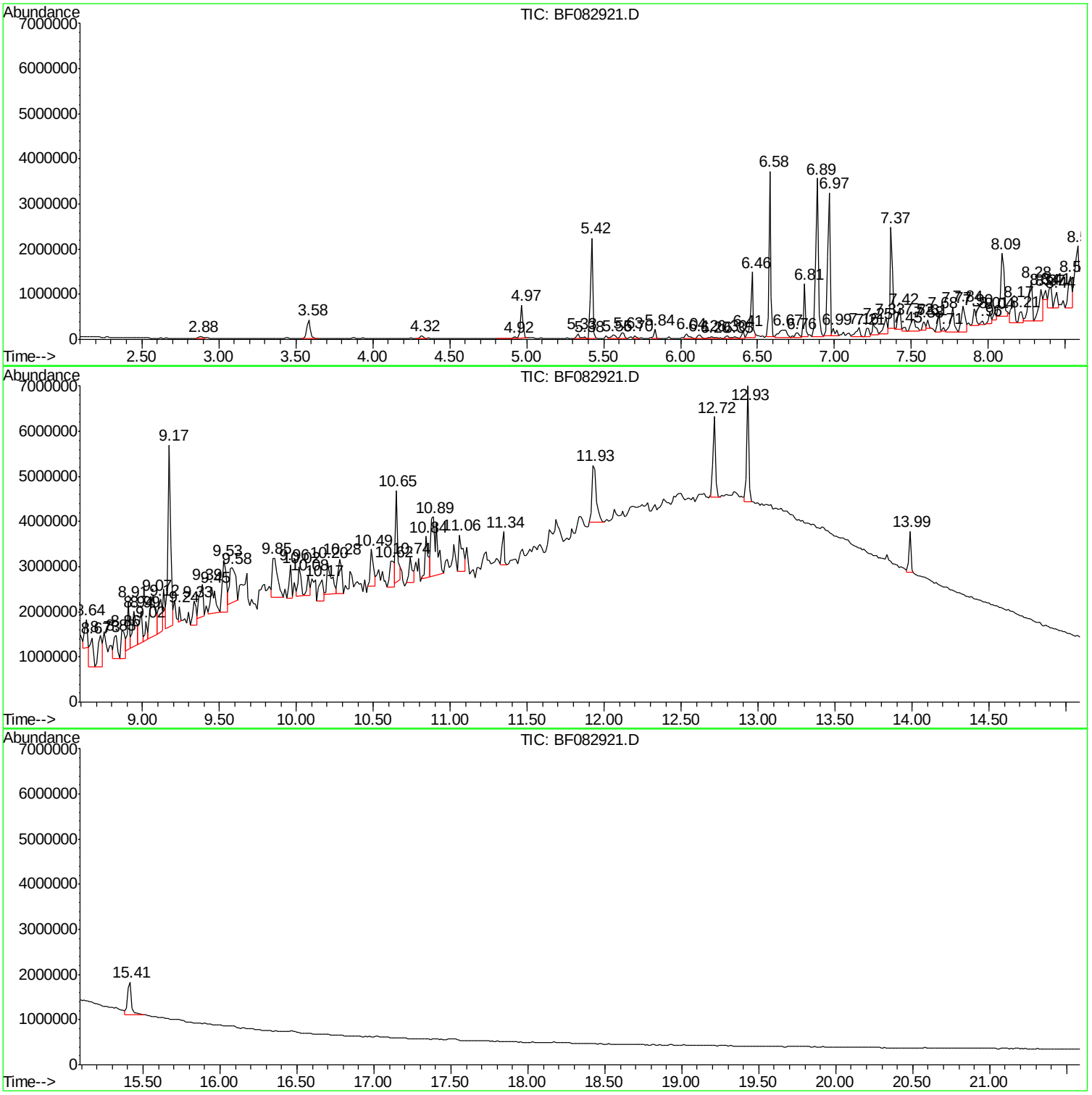
Acq On : 14 Nov 2015 3:46
Operator : UM/IZ
Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
URS 3

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 : BF082921.D
Acq On : 14 Nov 2015 3:46
Operator : UM/IZ
Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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

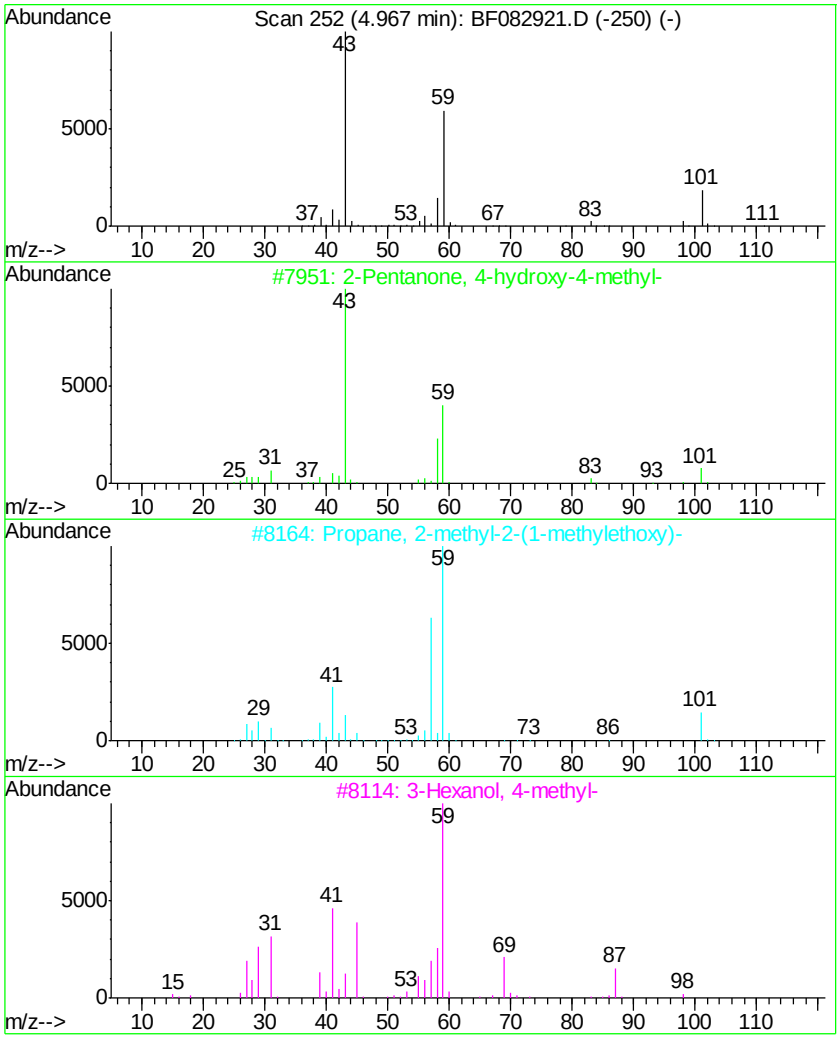
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

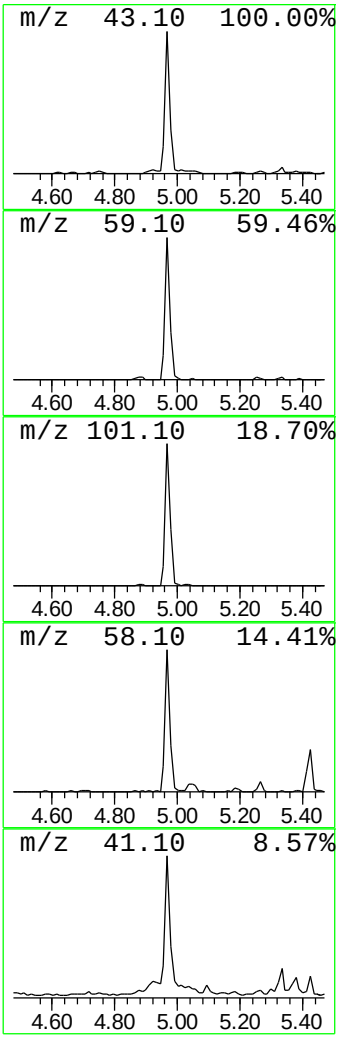
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	12.51 ng	756119	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082921.D
Acq On : 14 Nov 2015 3:46
Operator : UM/IZ
Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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

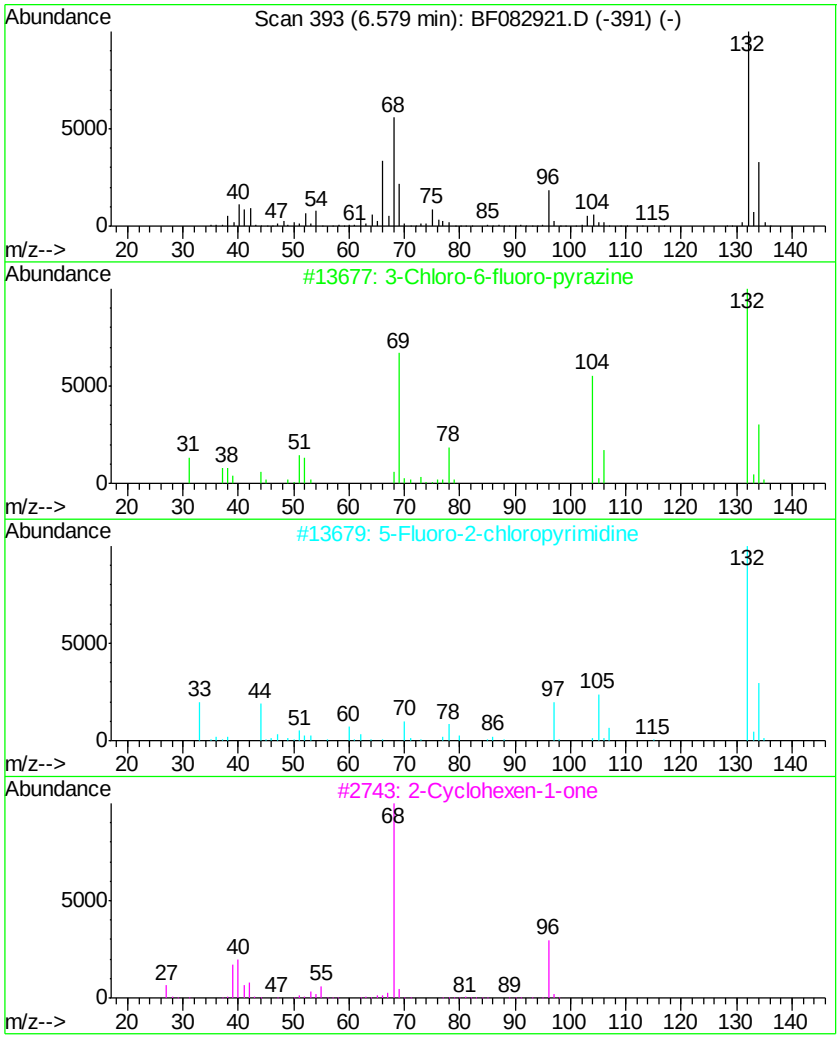
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

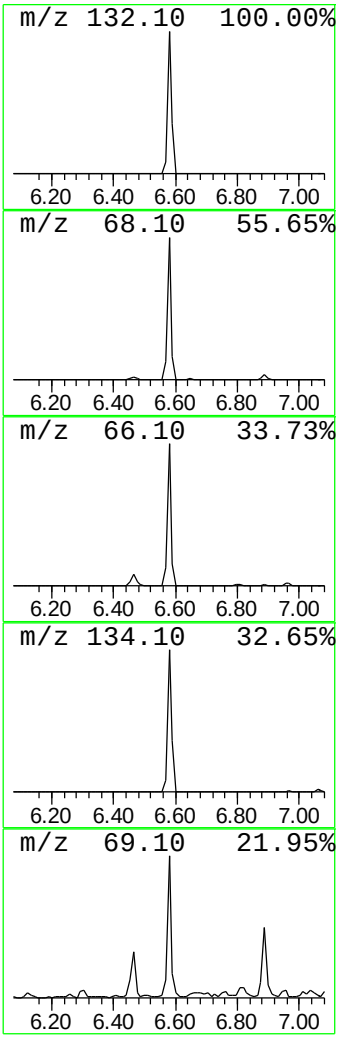
****

Peak Number 2 unknown6.58 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	56.22 ng	3396810	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Operator : UM/IZ
Sample : G4382-04
Misc :
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Instrument : BNA_F
ClientSampleId : URS 3

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

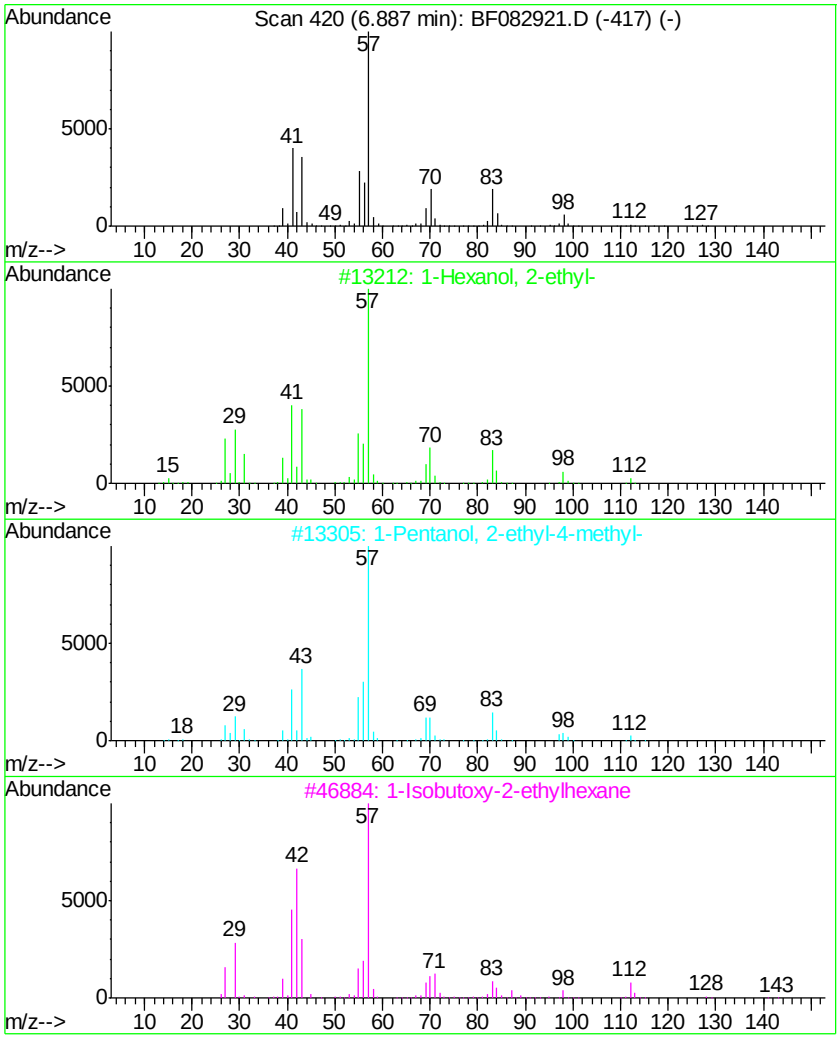
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

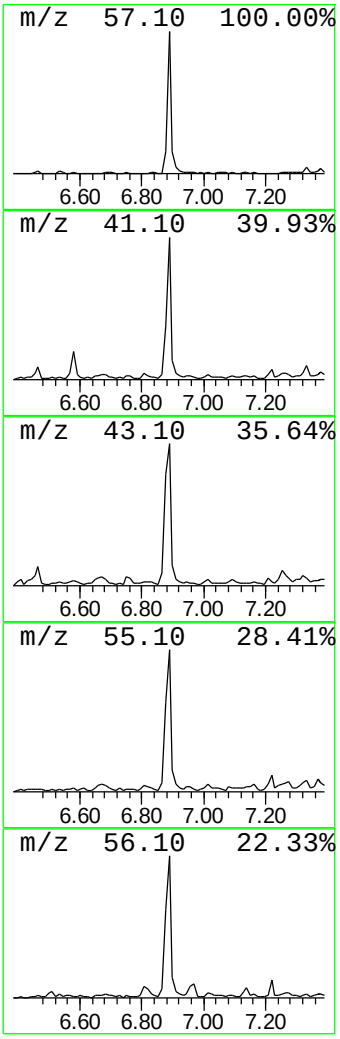
****

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	68.39 ng	4132260	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
3	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56
4	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	45
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	45





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Sample : G4382-04
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Instrument : BNA_F
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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
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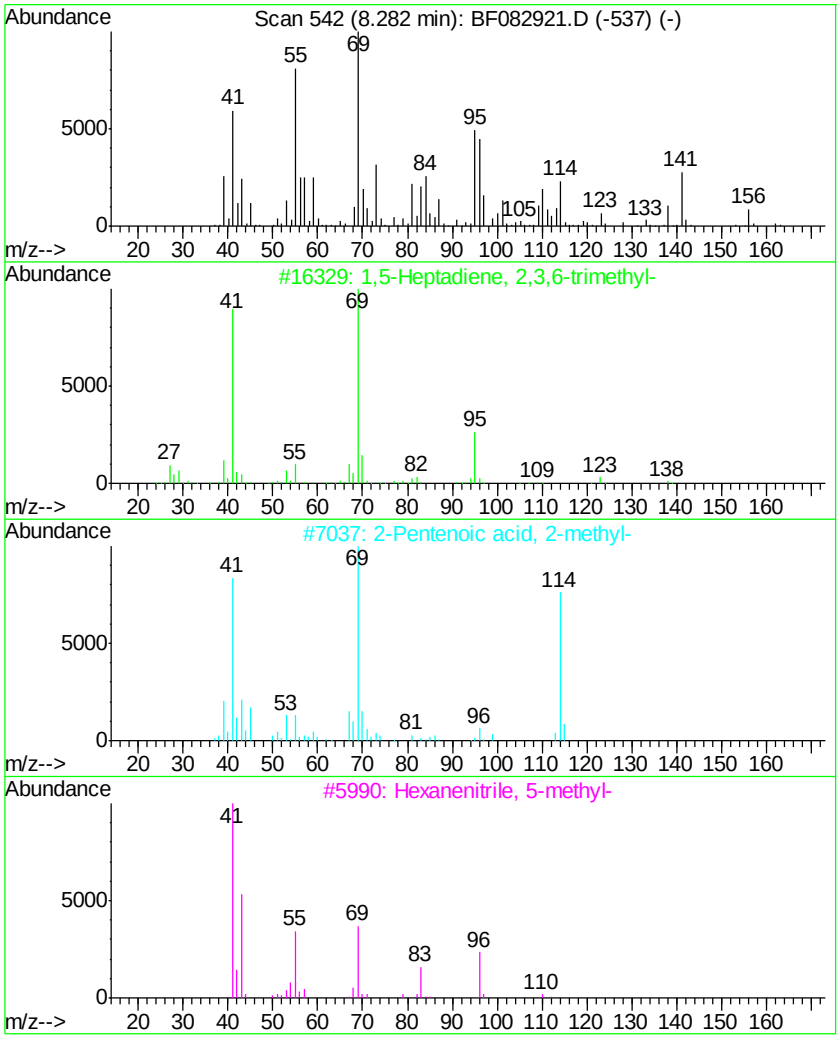
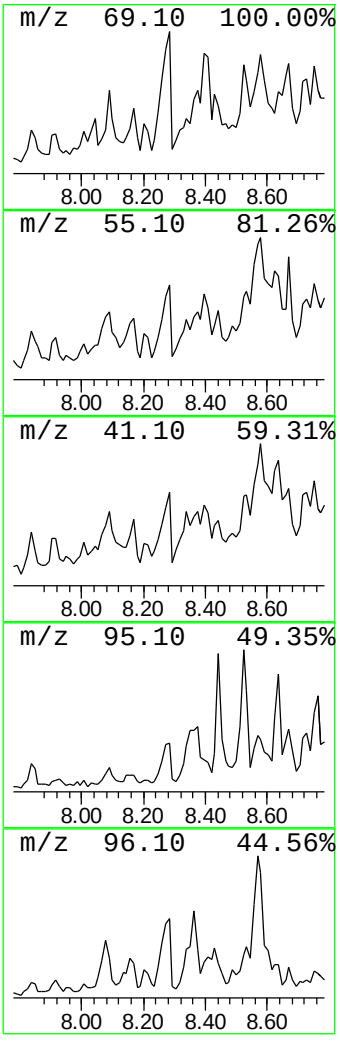
****

Peak Number 5 unknown8.28 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	13.81 ng	1549020	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Heptadiene, 2,3,6-trimethyl-	138	C10H18	033501-88-1	27
2	2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	27
3	Hexanenitrile, 5-methyl-	111	C7H13N	019424-34-1	27
4	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	25
5	2-Propenoic acid, 2-methyl-, 1-m...	128	C7H12O2	004655-34-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082921.D
Acq On : 14 Nov 2015 3:46
Operator : UM/IZ
Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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

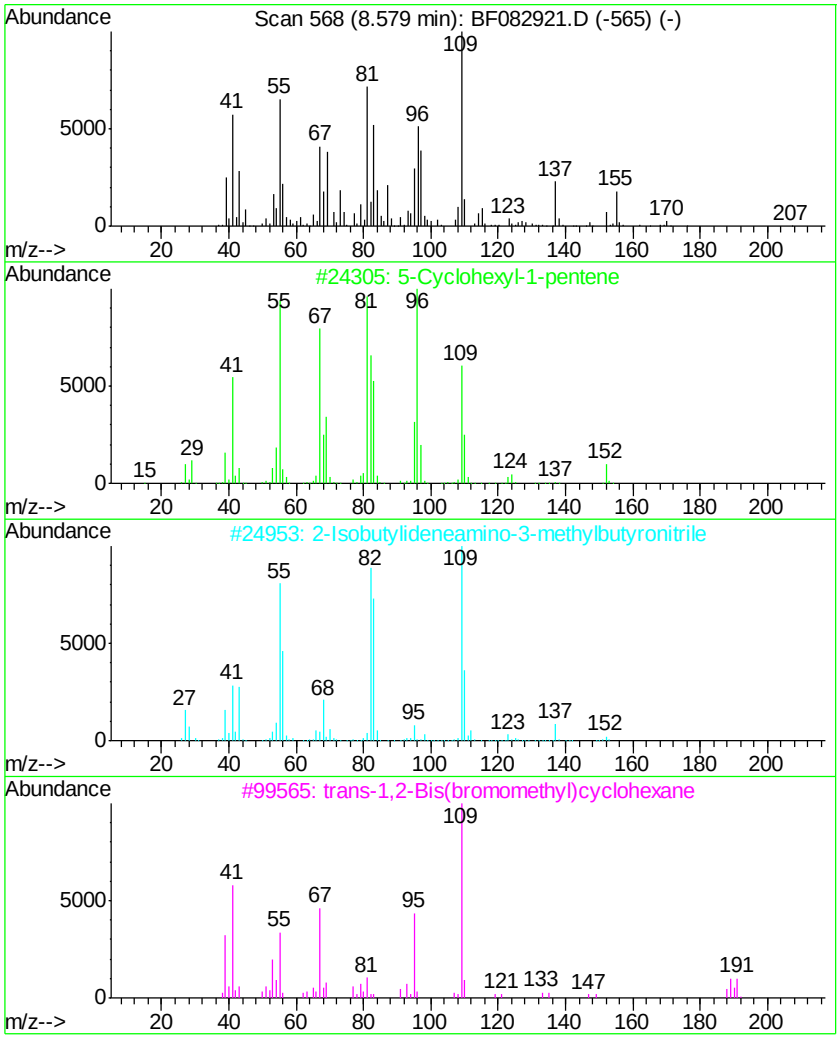
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

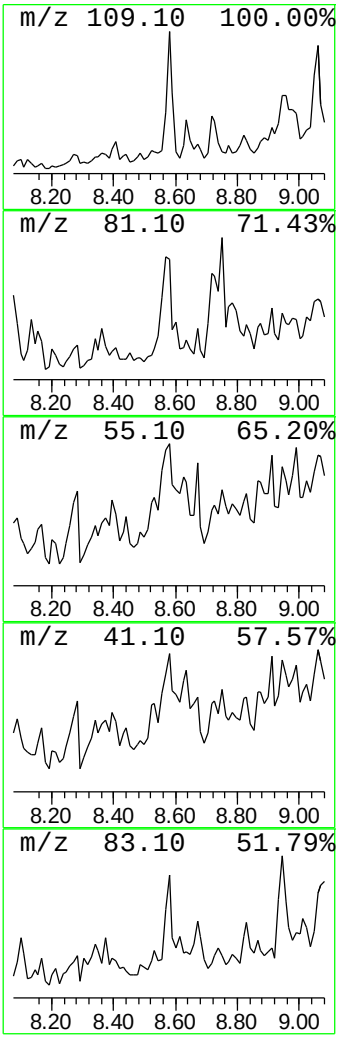
****

Peak Number 6 unknown8.58 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	20.63 ng	2314180	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Cyclohexyl-1-pentene	152	C11H20	005729-54-4	41
2	2-Isobutylideneamino-3-methylbut...	152	C9H16N2	125213-17-4	35
3	trans-1,2-Bis(bromomethyl)cycloh...	268	C8H14Br2	1000216-87-8	35
4	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	35
5	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082921.D
Acq On : 14 Nov 2015 3:46
Operator : UM/IZ
Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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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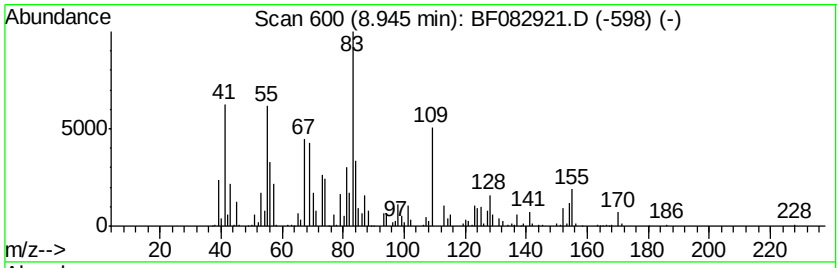
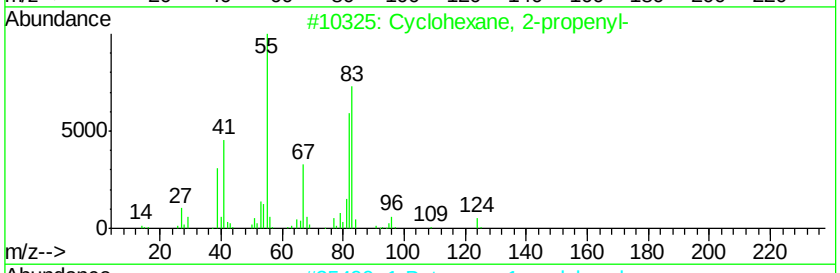
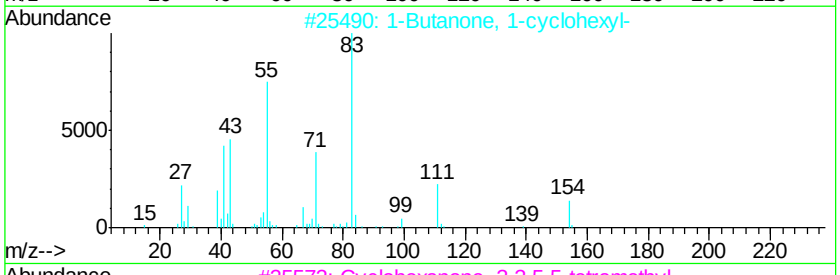
Peak Number 7 unknown8.94 Concentration Rank 17

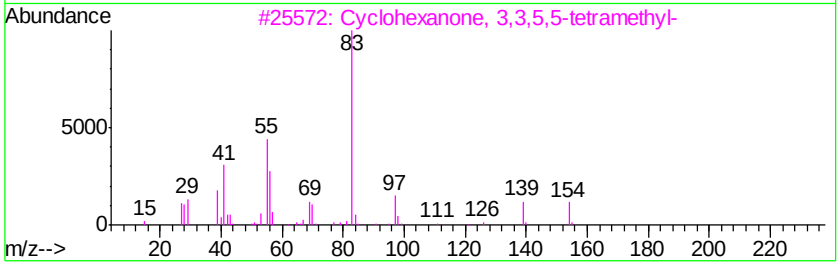
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	12.89 ng	1445710	Naphthalene-d8	8.10

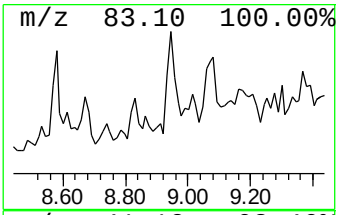
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
2	1-Butanone, 1-cyclohexyl-	154	C10H18O	001462-27-7	27
3	Cyclohexanone, 3,3,5,5-tetramethyl-	154	C10H18O	014376-79-5	27
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	27
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	27

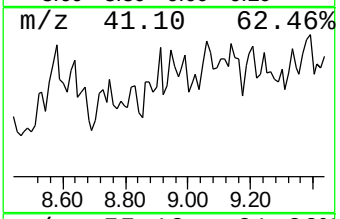


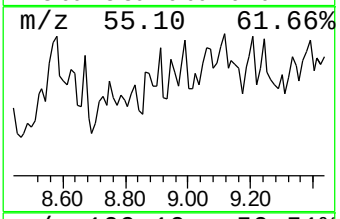


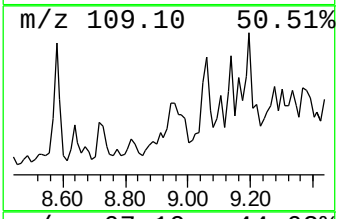


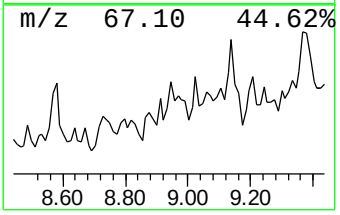












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Data File : BF082921.D
Acq On : 14 Nov 2015 3:46
Operator : UM/IZ
Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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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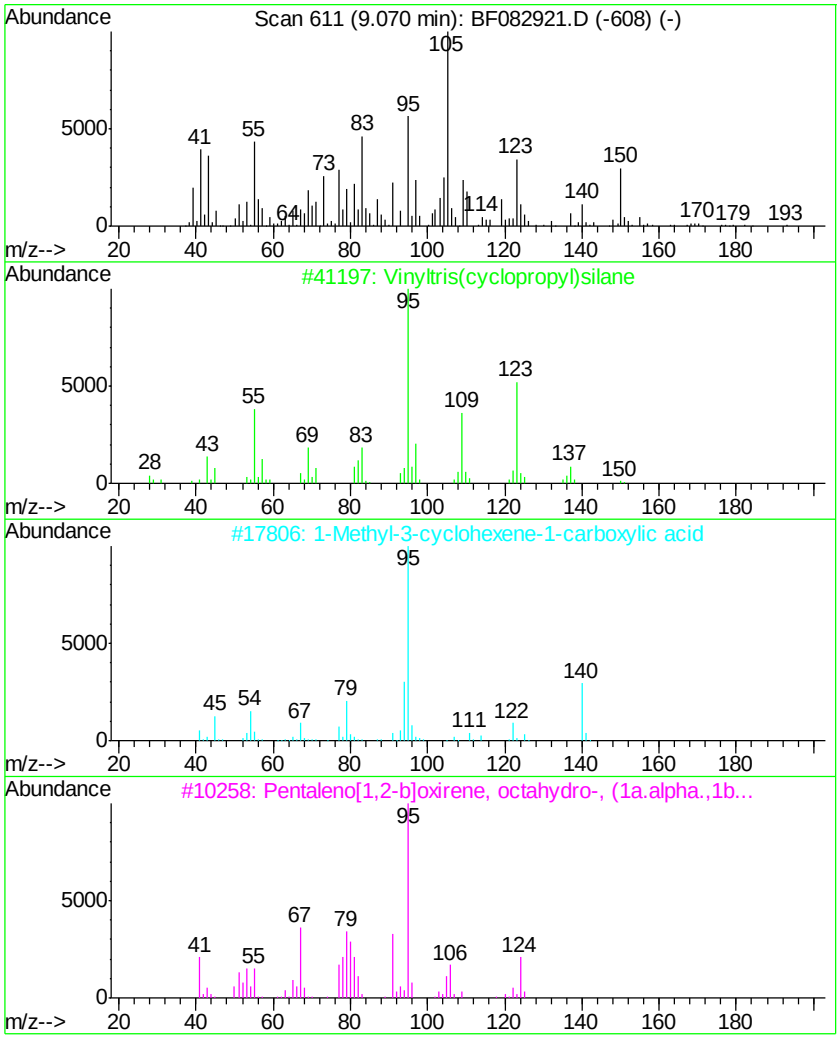
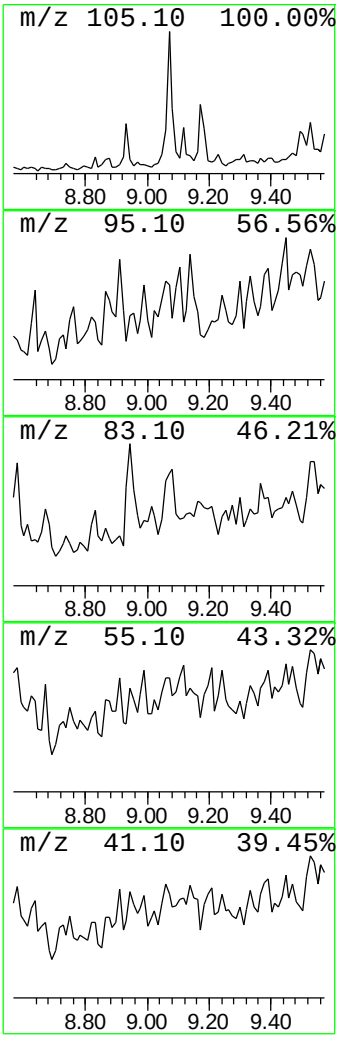
Peak Number 8 unknown9.07 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	22.51 ng	2266570	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vinyltris(cyclopropyl)silane	178	C11H18Si	1000109-97-3	35
2	1-Methyl-3-cyclohexene-1-carboxy...	140	C8H12O2	1000132-10-2	11
3	Pentaleno[1,2-b]oxirene, octahyd...	124	C8H12O	055449-71-3	11
4	3,5-Octadien-2-one	124	C8H12O	038284-27-4	10
5	Cyclopentanecarboxylic acid, 2-m...	154	C9H14O2	074764-25-3	10





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Operator : UM/IZ
Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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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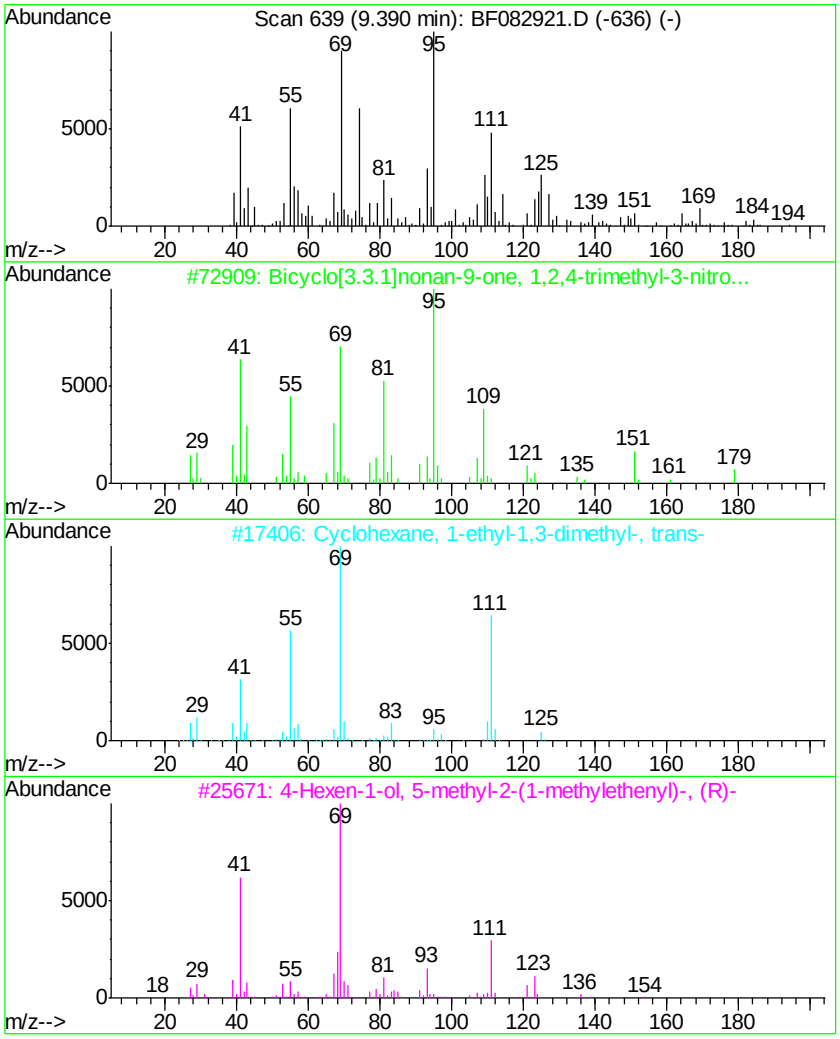
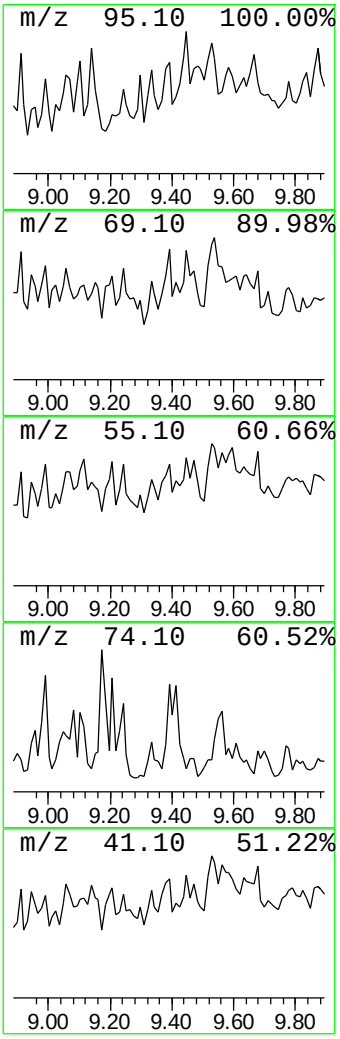
Peak Number 9 unknown9.39 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	12.21 ng	1229920	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonan-9-one, 1,2,4...	225	C12H19NO3	129967-65-3	43
2	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	27
3	4-Hexen-1-ol, 5-methyl-2-(1-meth...	154	C10H18O	000498-16-8	27
4	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	27
5	cis-2,6-Dimethyl-2,6-octadiene	138	C10H18	002492-22-0	22





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Acq On : 14 Nov 2015 3:46
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Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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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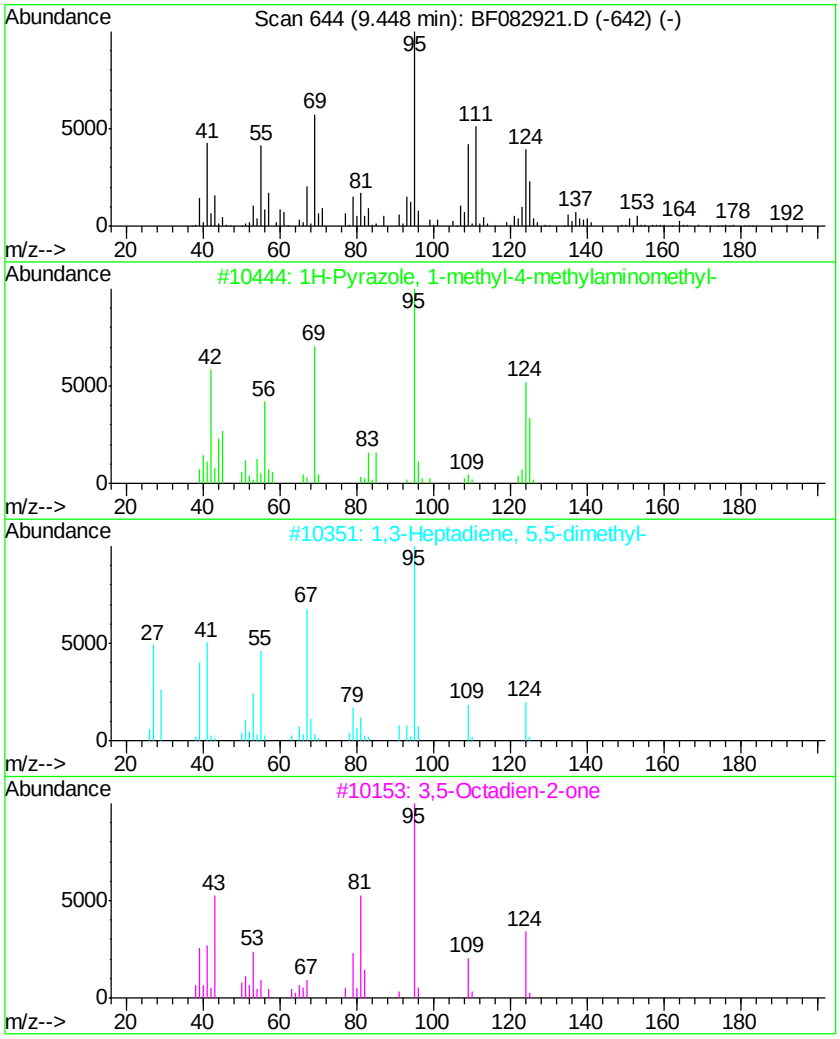
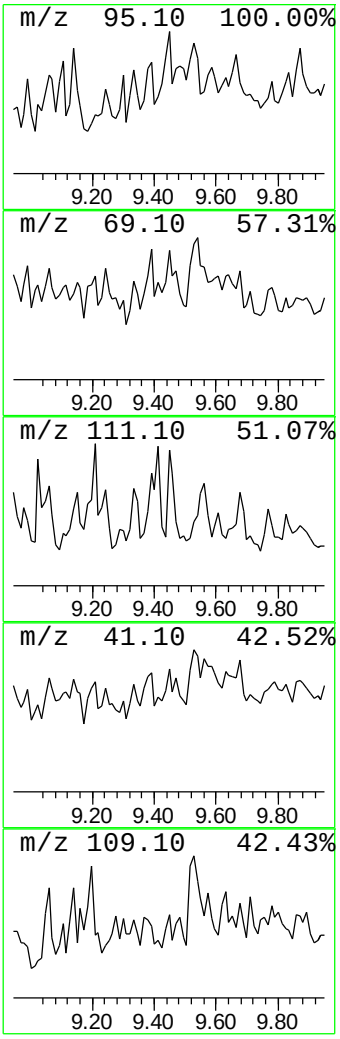
Peak Number 10 unknown9.45 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	13.11 ng	1319600	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 1-methyl-4-methylam...	125	C6H11N3	1000294-10-8	46
2	1,3-Heptadiene, 5,5-dimethyl-	124	C9H16	024618-86-8	38
3	3,5-Octadien-2-one	124	C8H12O	038284-27-4	38
4	Cyclohexanemethanol, 4-(1-methyl...	156	C10H20O	013674-19-6	35
5	Cyclopropanecarboxylic acid, 2-m...	168	C10H16O2	030626-51-8	35





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Acq On : 14 Nov 2015 3:46
Operator : UM/IZ
Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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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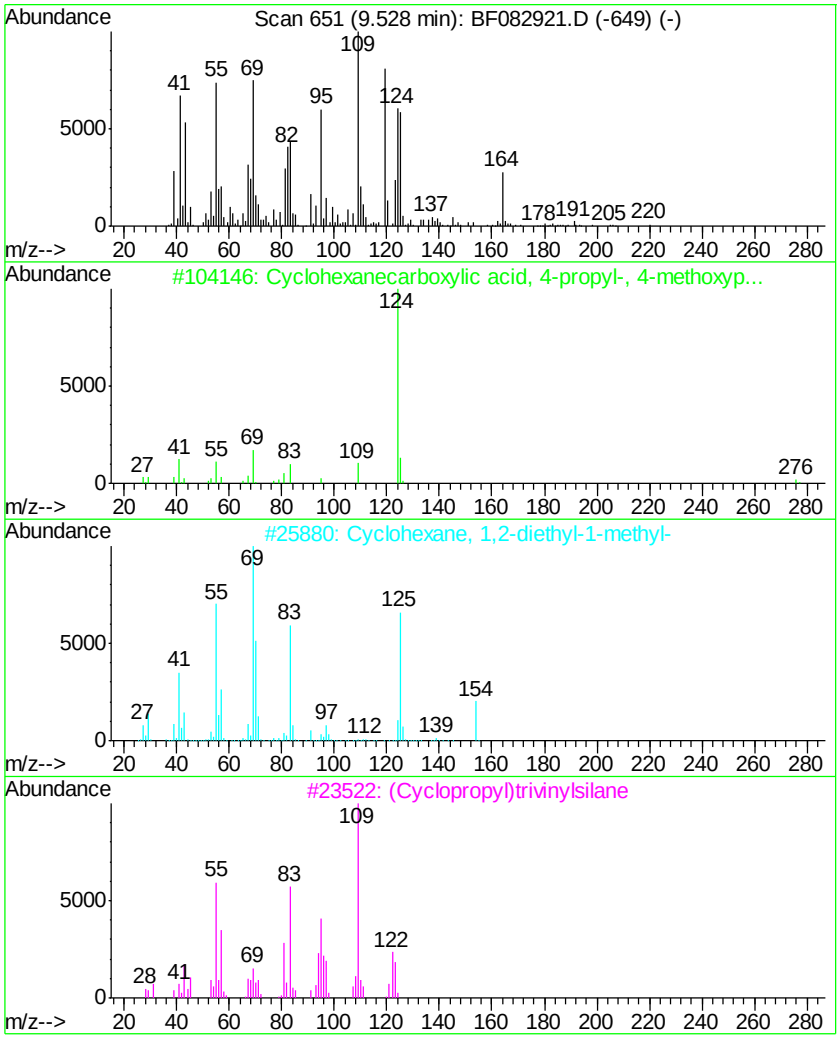
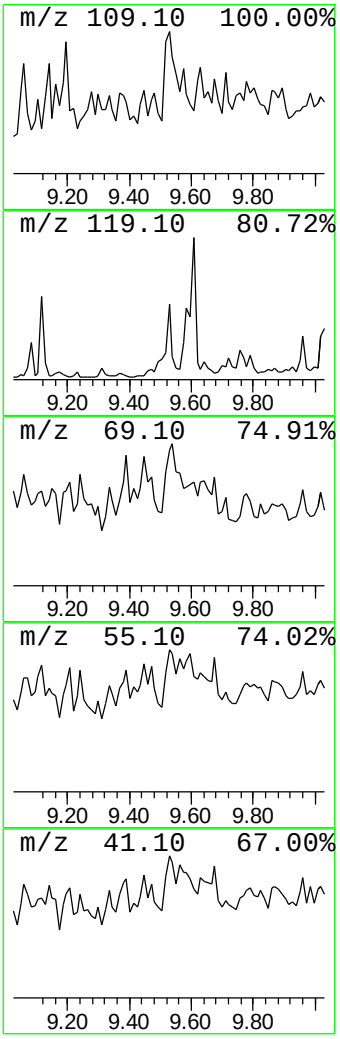
Peak Number 11 unknown9.53 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	20.98 ng	2112590	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 4-pr...	276	C17H24O3	067589-38-2	35
2	Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	22
3	(Cyclopropyl)trivinylsilane	150	C9H14Si	1000109-93-8	22
4	Cyclohexanecarboxylic acid, 4-pr...	276	C17H24O3	067679-48-5	22
5	2-Acetyl-1,4,5,6-tetrahydropyridine	125	C7H11NO	025343-57-1	15





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Acq On : 14 Nov 2015 3:46
Operator : UM/IZ
Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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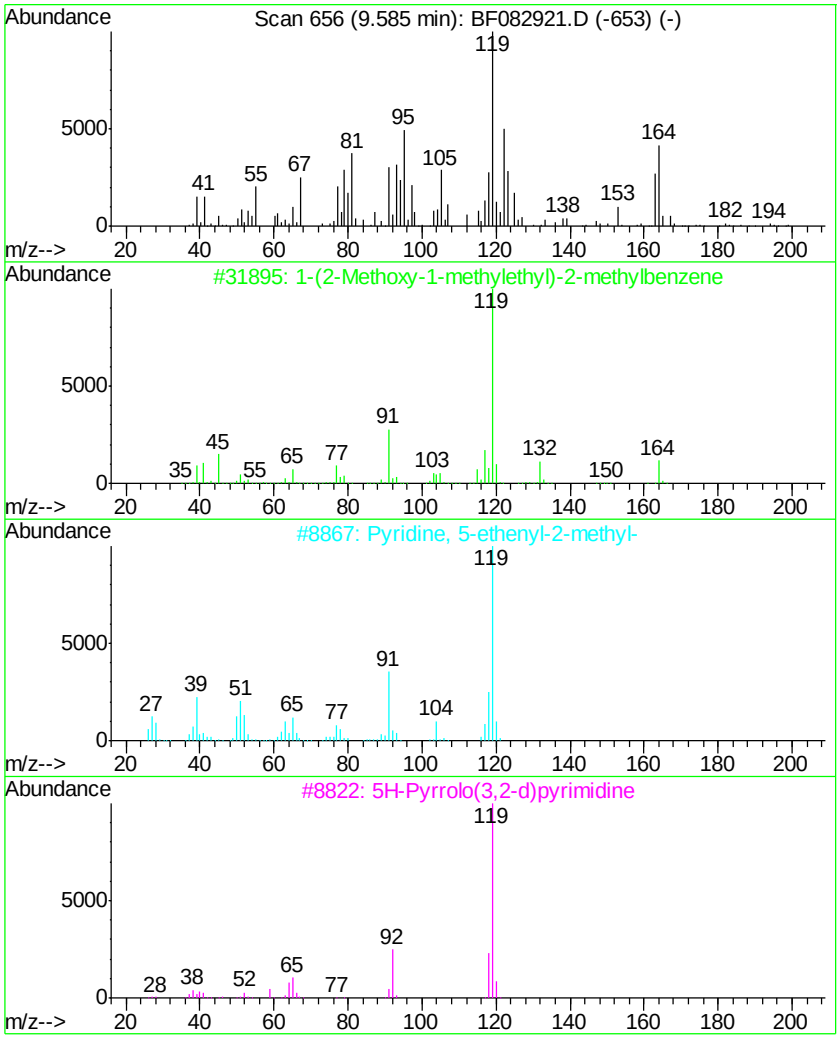
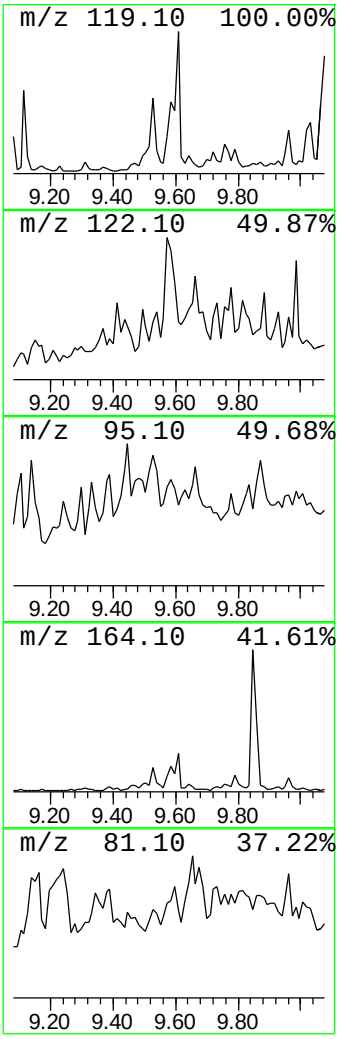
Peak Number 12 unknown9.58 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	22.04 ng	2219700	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	27
2	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	20
3	5H-Pyrrolo(3,2-d)pyrimidine	119	C6H5N3	000272-50-4	18
4	2,3,3,3-Tetrafluoro-1-morpholin-...	647	C14H8F19NO6	1000283-99-8	14
5	Benzonitrile, 3-hydroxy-	119	C7H5NO	000873-62-1	11





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Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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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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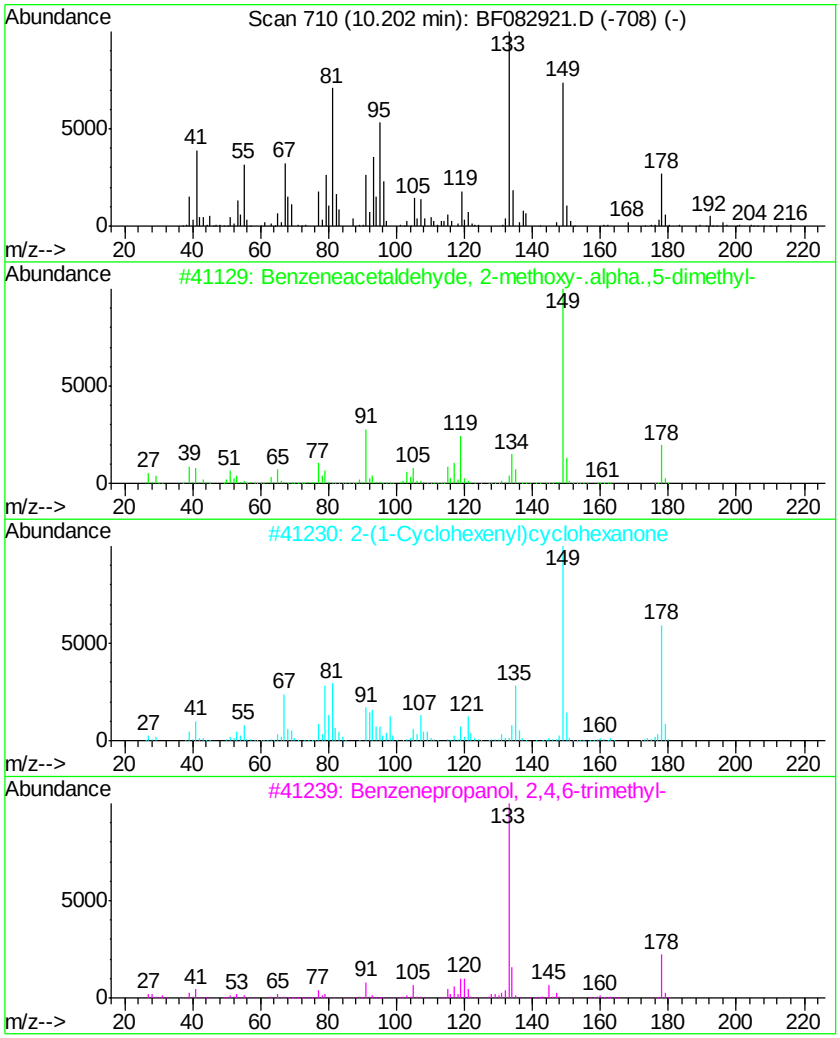
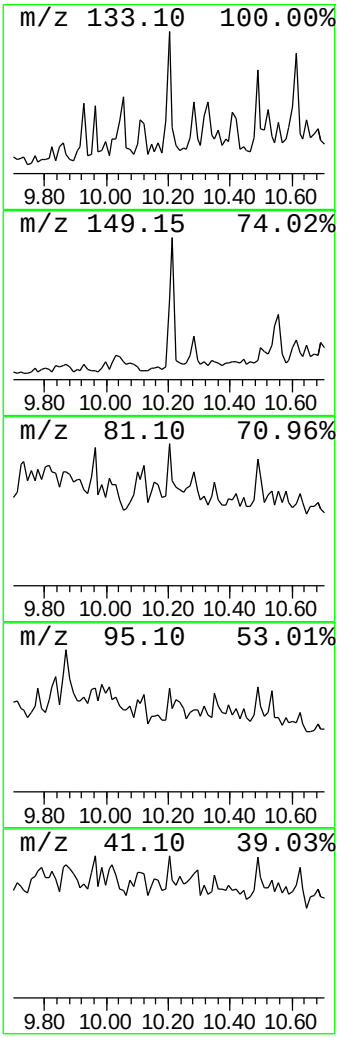
Peak Number 13 unknown10.20 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	15.49 ng	1559980	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	41
2	2-(1-Cyclohexenyl)cyclohexanone	178	C12H18O	001502-22-3	30
3	Benzenepropanol, 2,4,6-trimethyl-	178	C12H18O	027645-07-4	27
4	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	27
5	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	22





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Data File : BF082921.D
Acq On : 14 Nov 2015 3:46
Operator : UM/IZ
Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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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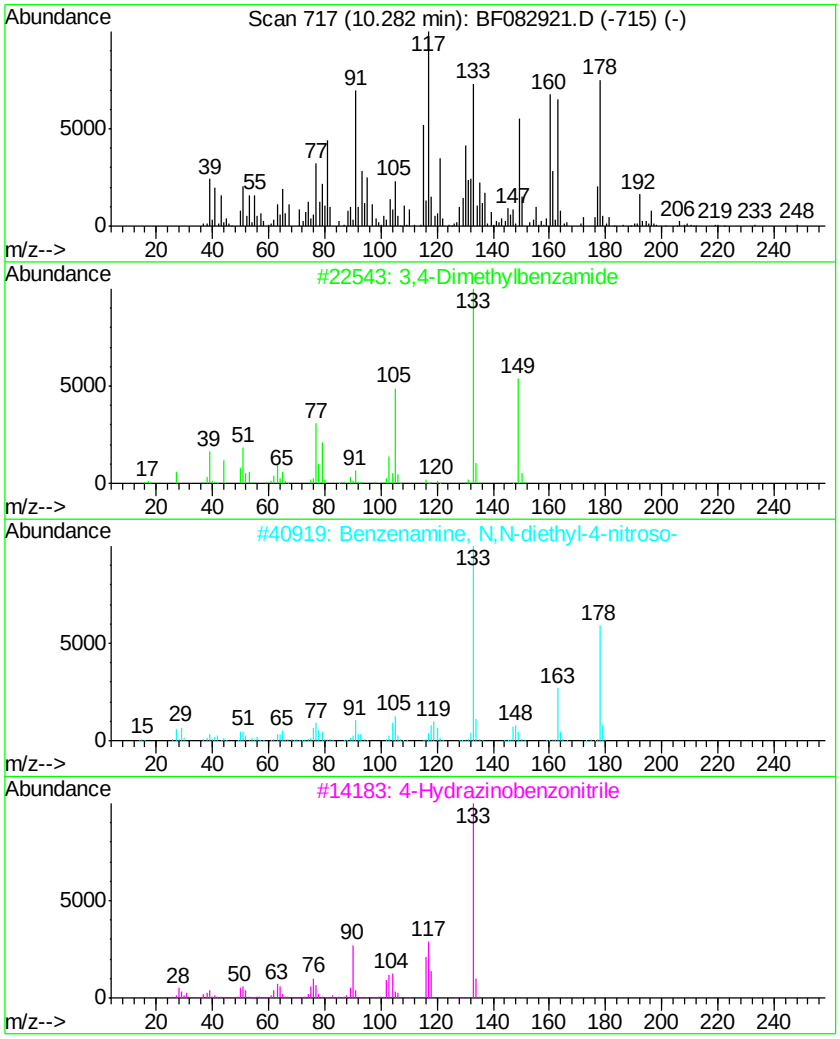
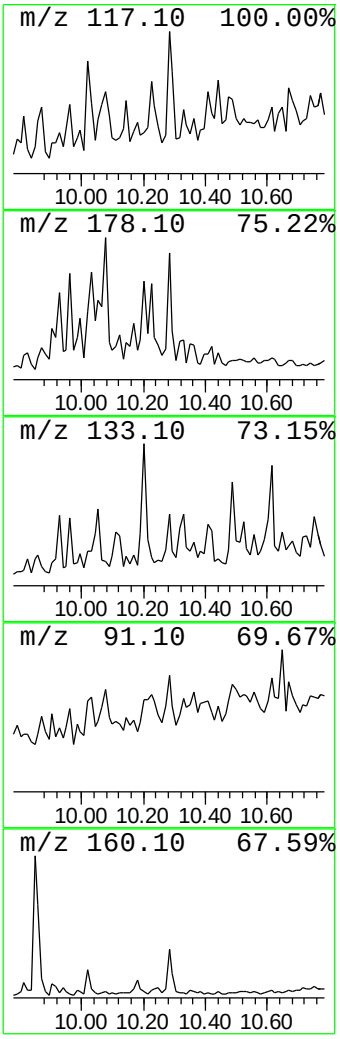
Peak Number 14 unknown10.28 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	12.31 ng	1239720	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylbenzamide	149	C9H11NO	005580-33-6	44
2	Benzenamine, N,N-diethyl-4-nitroso-	178	C10H14N2O	000120-22-9	27
3	4-Hydrazinobenzonitrile	133	C7H7N3	017672-27-4	25
4	Dec-5-ene-3,7-diyne, 2,9-dimethyl-	160	C12H16	1000211-23-3	15
5	Pyridine, 2-methyl-5-(1-methylet...	133	C9H11N	056057-93-3	15





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Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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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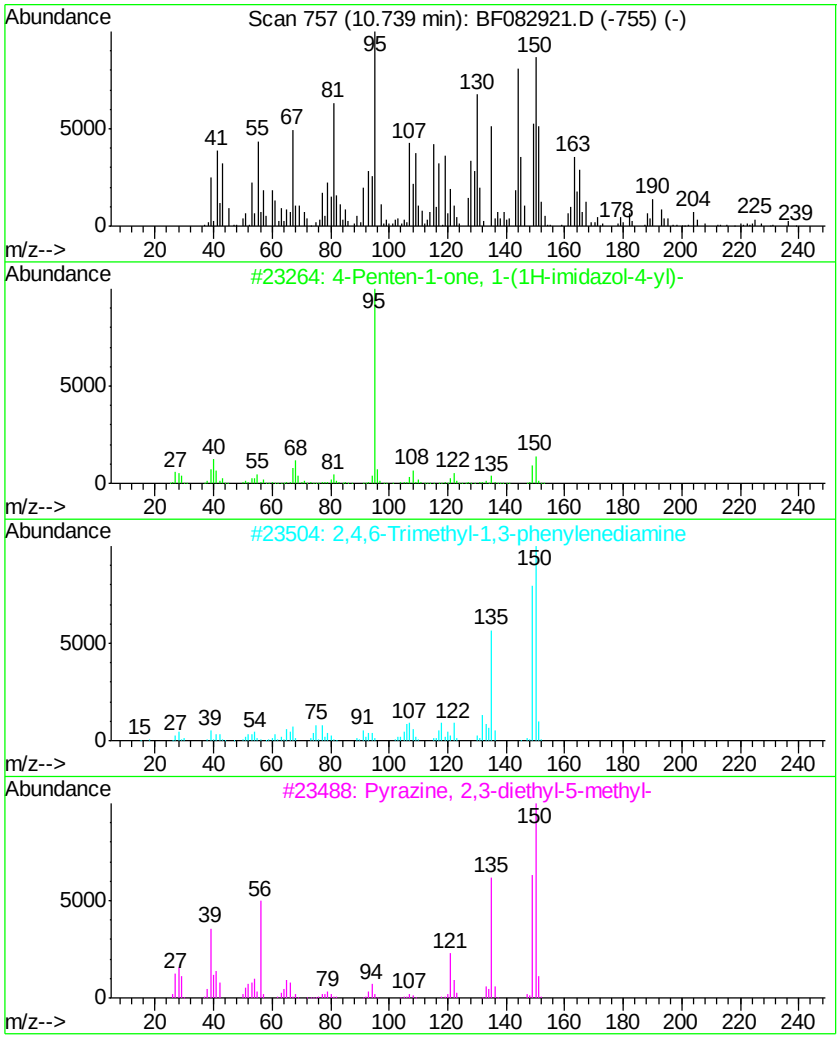
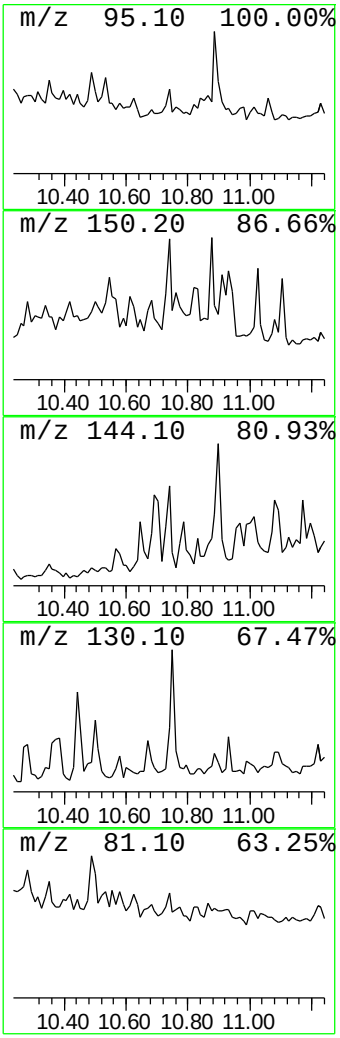
Peak Number 15 unknown10.74 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	19.74 ng	812893	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-1-one, 1-(1H-imidazol-4...	150	C8H10N2O	069393-39-1	35
2	2,4,6-Trimethyl-1,3-phenylenedia...	150	C9H14N2	003102-70-3	25
3	Pyrazine, 2,3-diethyl-5-methyl-	150	C9H14N2	018138-04-0	22
4	Methyl santolinate	182	C11H18O2	053163-37-4	15
5	2-Cyclohexen-1-one, 3-methyl-6-(...	150	C10H14O	000491-09-8	14





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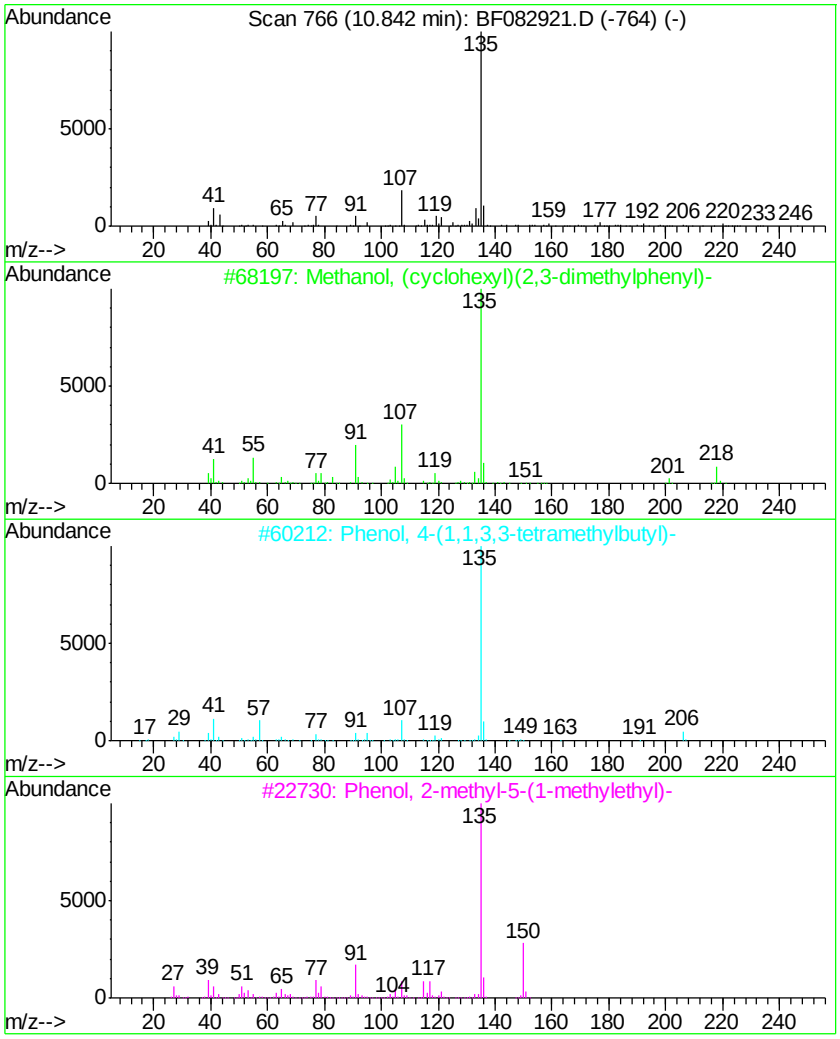
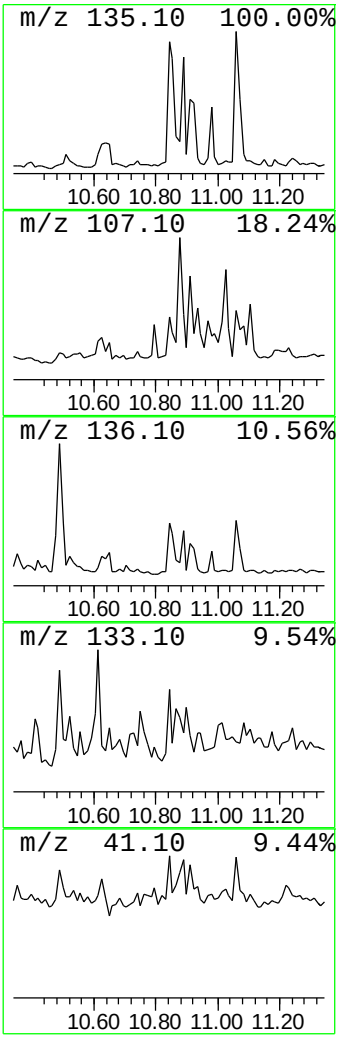
Peak Number 16 Methanol, (cyclohexyl)(2,3-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	31.78 ng	1308650	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	64
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	56
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	56
4	4-(3-Chloropropyl)-2,6-dimethylp...	198	C11H15ClO	111112-96-0	53
5	Allyldimethylphenylsilane	176	C11H16Si	018001-18-8	50





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ClientSampleId : URS 3

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

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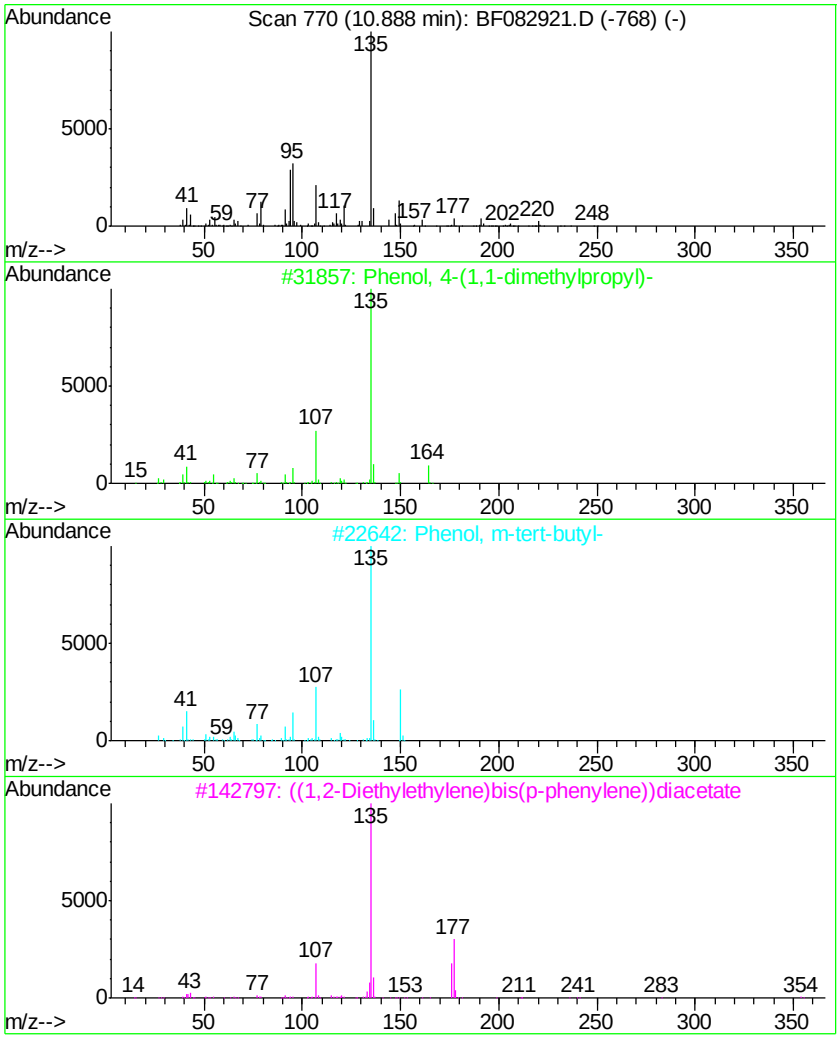
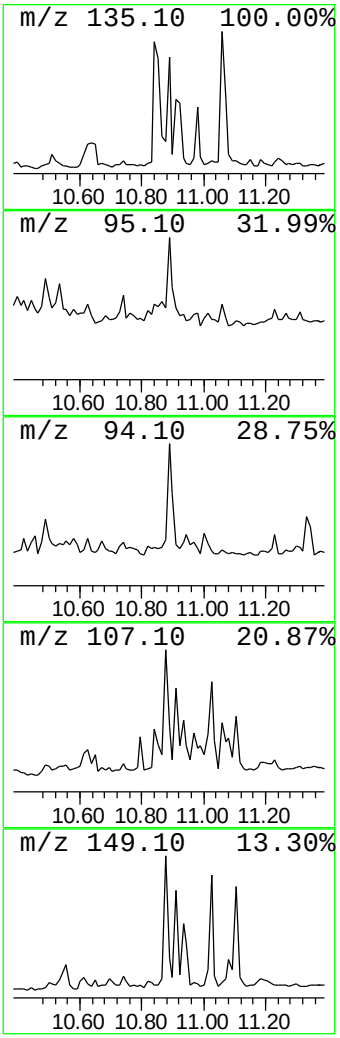
Peak Number 17 Phenol, 4-(1,1-dimethylprop... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	88.76 ng	3654820	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	53
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	53
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	47
4	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	47
5	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	43





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Data File : BF082921.D
Acq On : 14 Nov 2015 3:46
Operator : UM/IZ
Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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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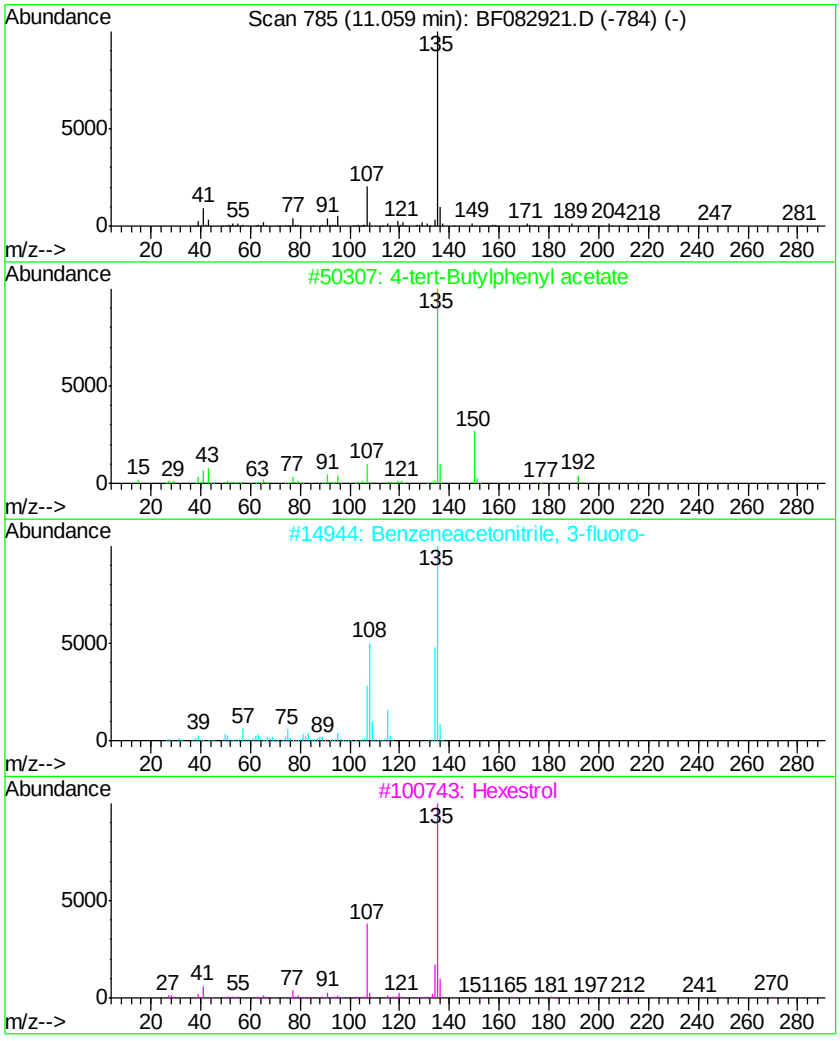
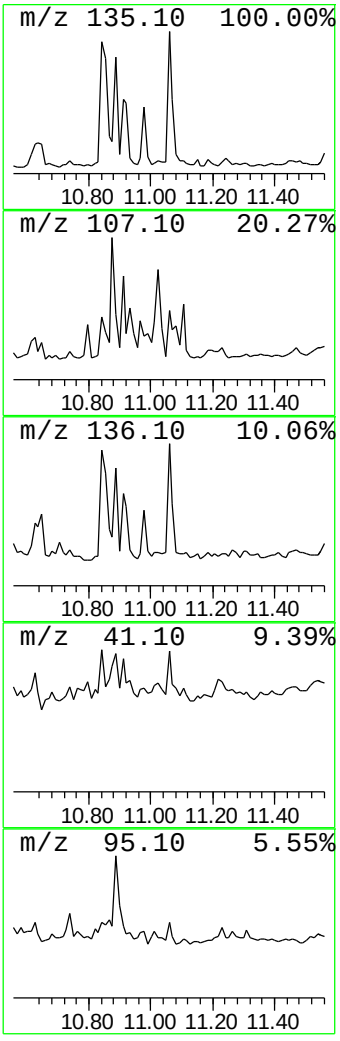
Peak Number 18 4-tert-Butylphenyl acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	35.61 ng	1466280	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
2	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	72
3	Hexestrol	270	C18H22O2	005635-50-7	72
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64
5	2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082921.D
Acq On : 14 Nov 2015 3:46
Operator : UM/IZ
Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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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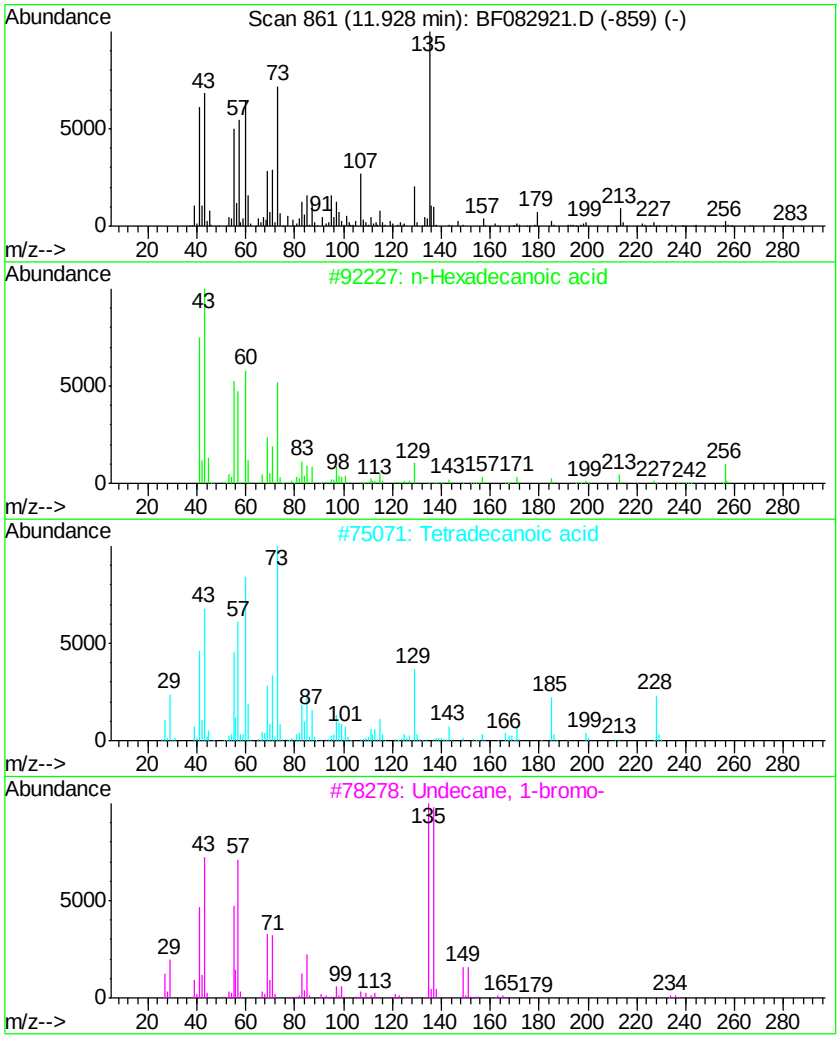
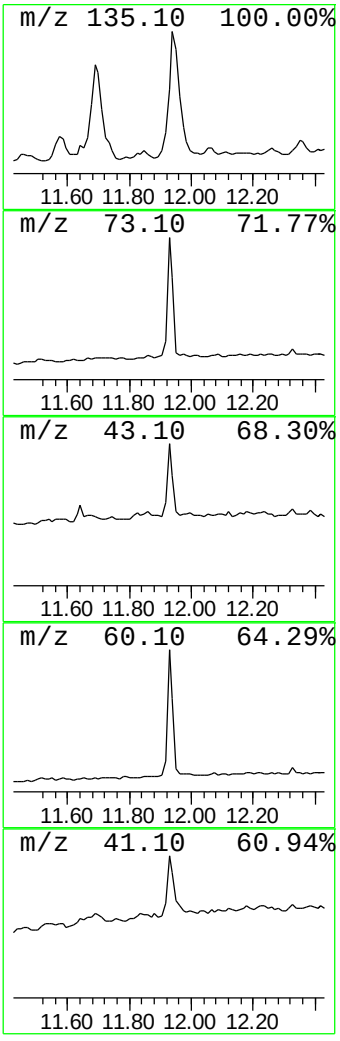
Peak Number 19 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	57.67 ng	2374570	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	84
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
3	Undecane, 1-bromo-	234	C11H23Br	000693-67-4	46
4	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	35
5	n-Decanoic acid	172	C10H20O2	000334-48-5	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082921.D
Acq On : 14 Nov 2015 3:46
Operator : UM/IZ
Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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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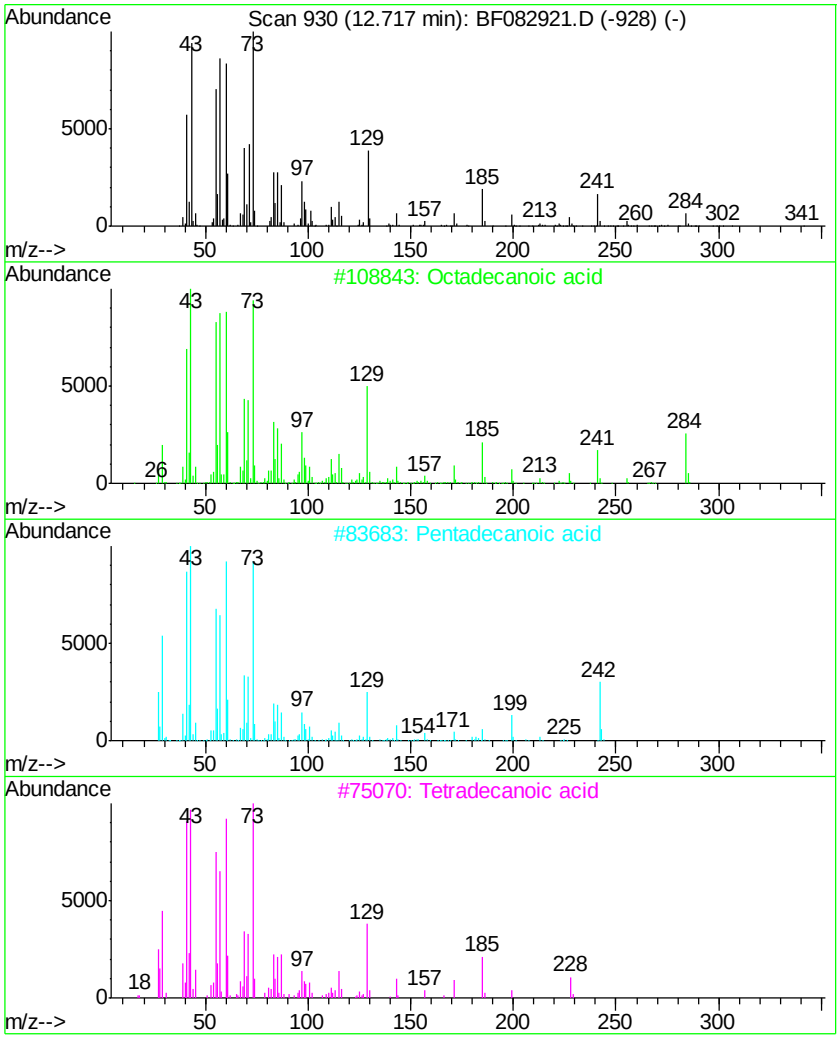
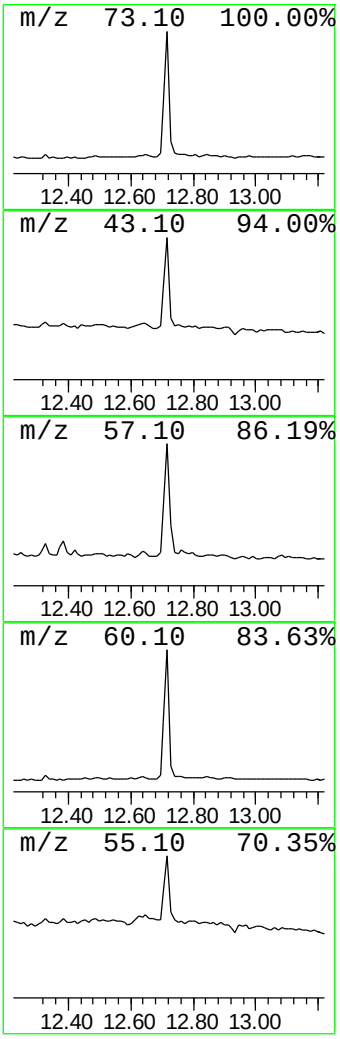
Peak Number 20 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	48.64 ng	1958320	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082921.D
Acq On : 14 Nov 2015 3:46
Operator : UM/IZ
Sample : G4382-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS 3

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...	4.97	12.5	ng	756119	1	6.81	1208490	20.0
unknown6.58	6.58	56.2	ng	3396810	1	6.81	1208490	20.0
1-Hexanol, 2-ethyl-	6.89	68.4	ng	4132260	1	6.81	1208490	20.0
unknown8.28	8.28	13.8	ng	1549020	2	8.10	2243450	20.0
unknown8.58	8.58	20.6	ng	2314180	2	8.10	2243450	20.0
unknown8.94	8.94	12.9	ng	1445710	2	8.10	2243450	20.0
unknown9.07	9.07	22.5	ng	2266570	3	9.85	2013850	20.0
unknown9.39	9.39	12.2	ng	1229920	3	9.85	2013850	20.0
unknown9.45	9.45	13.1	ng	1319600	3	9.85	2013850	20.0
unknown9.53	9.53	21.0	ng	2112590	3	9.85	2013850	20.0
unknown9.58	9.58	22.0	ng	2219700	3	9.85	2013850	20.0
unknown10.20	10.20	15.5	ng	1559980	3	9.85	2013850	20.0
unknown10.28	10.28	12.3	ng	1239720	3	9.85	2013850	20.0
unknown10.74	10.74	19.7	ng	812893	4	11.34	823495	20.0
Methanol, (cycloh...	10.84	31.8	ng	1308650	4	11.34	823495	20.0
Phenol, 4-(1,1-di...	10.89	88.8	ng	3654820	4	11.34	823495	20.0
4-tert-Butylpheny...	11.06	35.6	ng	1466280	4	11.34	823495	20.0
n-Hexadecanoic acid	11.93	57.7	ng	2374570	4	11.34	823495	20.0
Octadecanoic acid	12.72	48.6	ng	1958320	5	13.99	805222	20.0