LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091704.D
Acq On : 17 Dec 2016 6:53
Operator : UM/SJ
Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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-BF120916.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	4.933	247	249	252	rBV	566930	691870	5.45%	0.375%
2	5.001	252	255	258	rVV3	65168	209175	1.65%	0.113%
3	5.059	258	260	263	rVV	98029	183158	1.44%	0.099%
4	5.150	263	268	272	rVV2	68345	193083	1.52%	0.105%
5	5.379	285	288	290	rVB	2127415	2882622	22.70%	1.562%
6	5.527	298	301	306	rVB2	189416	331217	2.61%	0.179%
7	5.779	320	323	324	rBV2	69223	129064	1.02%	0.070%
8	5.927	333	336	338	rVB2	224073	295626	2.33%	0.160%
9	6.019	342	344	347	rVB3	169101	228705	1.80%	0.124%
10	6.076	347	349	355	rVB	761053	858014	6.76%	0.465%
11	6.224	358	362	365	rVB2	468306	622272	4.90%	0.337%
12	6.270	365	366	367	rBV	139341	129016	1.02%	0.070%
13	6.293	367	368	371	rBV2	104630	147320	1.16%	0.080%
14	6.373	373	375	376	rBV	386610	375626	2.96%	0.204%
15	6.419	376	379	382	rBV	1626984	2524611	19.88%	1.368%
16	6.476	382	384	387	rVB3	227969	485620	3.82%	0.263%
17	6.544	387	390	392	rVB	4913345	5438602	42.82%	2.947%
18	6.602	392	395	396	rBV2	220278	217236	1.71%	0.118%
19	6.659	398	400	403	rVB3	182227	259143	2.04%	0.140%
20	6.727	403	406	408	rBV3	407705	947599	7.46%	0.513%
21	6.773	408	410	414	rVB2	1726373	2109748	16.61%	1.143%
22	6.830	414	415	417	rBV	324475	489738	3.86%	0.265%
23	6.933	421	424	425	rBV	5220035	5328286	41.95%	2.887%
24	7.025	431	432	434	rBV	316797	462567	3.64%	0.251%
25	7.105	437	439	443	rVB2	808235	1249013	9.83%	0.677%
26	7.173	443	445	447	rBV2	749775	862983	6.79%	0.468%
27	7.253	450	452	453	rBV2	168054	187618	1.48%	0.102%
28	7.345	453	460	463	rBV3	4275368	9254684	72.87%	5.014%
29	7.425	465	467	470	rBV3	524957	934426	7.36%	0.506%
30	7.470	470	471	472	rVB	372696	255669	2.01%	0.139%
31	7.505	472	474	475	rVB	305645	323969	2.55%	0.176%
32	7.550	475	478	480	rBV2	1321385	1890396	14.88%	1.024%
33	7.585	480	481	483	rVB	912759	717365	5.65%	0.389%
34	7.653	483	487	488	rBV3	354965	606103	4.77%	0.328%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091704.D
Acq On : 17 Dec 2016 6:53
Operator : UM/SJ
Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.722	490	493	497	rVB4	941182	2525762	19.89%	1.368%
36	7.802	497	500	502	rBV2	3032273	5250090	41.34%	2.845%
37	7.905	505	509	510	rBV2	2672509	3674697	28.93%	1.991%
38	7.939	510	512	513	rBV	610685	766658	6.04%	0.415%
39	8.065	516	523	526	rBV3	3953503	12700906	100.00%	6.881%
40	8.328	542	546	547	rBV	5985966	11938865	94.00%	6.469%
41	8.350	547	548	551	rVB	7175832	6671327	52.53%	3.615%
42	8.453	551	557	559	rBV5	2034190	5864771	46.18%	3.178%
43	8.499	559	561	562	rBV	1012985	1241181	9.77%	0.672%
44	8.533	562	564	566	rVV3	616408	1008449	7.94%	0.546%
45	8.590	566	569	572	rVB4	2166978	4552051	35.84%	2.466%
46	8.648	572	574	577	rBV4	319843	617965	4.87%	0.335%
47	8.728	577	581	582	rBV3	1134840	2346181	18.47%	1.271%
48	8.773	584	585	587	rVB2	2321170	2238478	17.62%	1.213%
49	8.842	589	591	593	rBV	984094	1860682	14.65%	1.008%
50	8.888	593	595	597	rVV2	2749079	4272003	33.64%	2.315%
51	8.956	599	601	603	rBV3	329377	805314	6.34%	0.436%
52	9.025	605	607	612	rBV6	856015	2192673	17.26%	1.188%
53	9.093	612	613	615	rVV2	1825194	3106607	24.46%	1.683%
54	9.150	615	618	620	rVB	6305836	7405855	58.31%	4.013%
55	9.196	620	622	627	rVB5	1000185	2161293	17.02%	1.171%
56	9.276	627	629	630	rBV	649896	736531	5.80%	0.399%
57	9.390	636	639	640	rBV3	828605	1256153	9.89%	0.681%
58	9.482	645	647	650	rVB4	1538415	2551736	20.09%	1.383%
59	9.550	650	653	655	rBV3	1240899	2074620	16.33%	1.124%
60	9.585	655	656	659	rVB3	900578	1372029	10.80%	0.743%
61	9.630	659	660	662	rVB2	704649	764911	6.02%	0.414%
62	9.676	662	664	665	rBV	609746	896467	7.06%	0.486%
63	9.699	665	666	670	rVB4	813916	1402733	11.04%	0.760%
64	9.756	670	671	673	rVB2	605589	572591	4.51%	0.310%
65	9.813	673	676	678	rBV4	2705904	4800694	37.80%	2.601%
66	9.893	682	683	685	rBV2	520051	643447	5.07%	0.349%
67	9.928	685	686	687	rVB	568570	389755	3.07%	0.211%
68	9.985	689	691	692	rBV	707093	722698	5.69%	0.392%
69	10.099	699	701	702	rVB	567032	703717	5.54%	0.381%
70	10.145	702	705	706	rVV3	474112	853102	6.72%	0.462%
71	10.179	706	708	709	rVV2	996845	1650795	13.00%	0.894%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091704.D
Acq On : 17 Dec 2016 6:53
Operator : UM/SJ
Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.225	709	712	714	rVV2	1981121	3535385	27.84%	1.916%
73	10.293	716	718	722	rVB4	1308761	2164308	17.04%	1.173%
74	10.362	722	724	726	rVB	1200060	1607674	12.66%	0.871%
75	10.408	726	728	729	rBV	458988	531934	4.19%	0.288%
76	10.545	738	740	743	rBV3	419852	955657	7.52%	0.518%
77	10.613	743	746	748	rVV	3419814	4132062	32.53%	2.239%
78	10.671	748	751	754	rVV3	563797	1042016	8.20%	0.565%
79	10.751	756	758	760	rVB3	616020	896589	7.06%	0.486%
80	10.796	760	762	763	rBV	811992	814541	6.41%	0.441%
81	10.831	763	765	766	rVV2	466059	896896	7.06%	0.486%
82	10.865	766	768	772	rVB4	864076	1719123	13.54%	0.931%
83	10.968	772	777	779	rBV5	514710	1225296	9.65%	0.664%
84	11.013	779	781	784	rBV2	1211827	1707484	13.44%	0.925%
85	11.139	790	792	794	rBV2	253925	461475	3.63%	0.250%
86	11.299	804	806	808	rBV	1505305	1329023	10.46%	0.720%
87	11.334	808	809	815	rVB	870158	1256123	9.89%	0.681%
88	11.779	846	848	851	rVB4	290551	455121	3.58%	0.247%
89	11.859	852	855	857	rVV	3252574	3860264	30.39%	2.092%
90	11.928	859	861	863	rVV2	259501	341792	2.69%	0.185%
91	11.974	863	865	867	rVB	163445	155187	1.22%	0.084%
92	12.099	874	876	878	rVB	178781	156089	1.23%	0.085%
93	12.556	913	916	921	rBV	962400	1492869	11.75%	0.809%
94	12.625	921	922	924	rBV	322918	376748	2.97%	0.204%
95	12.888	942	945	947	rVB	3367657	4065669	32.01%	2.203%
96	12.991	952	954	955	rBV	272167	389459	3.07%	0.211%
97	13.162	968	969	972	rVB	200232	196274	1.55%	0.106%
98	13.928	1034	1036	1038	rBV	1410043	1396224	10.99%	0.756%
99	15.334	1156	1159	1161	rBV	737558	989076	7.79%	0.536%

Sum of corrected areas: 184566289

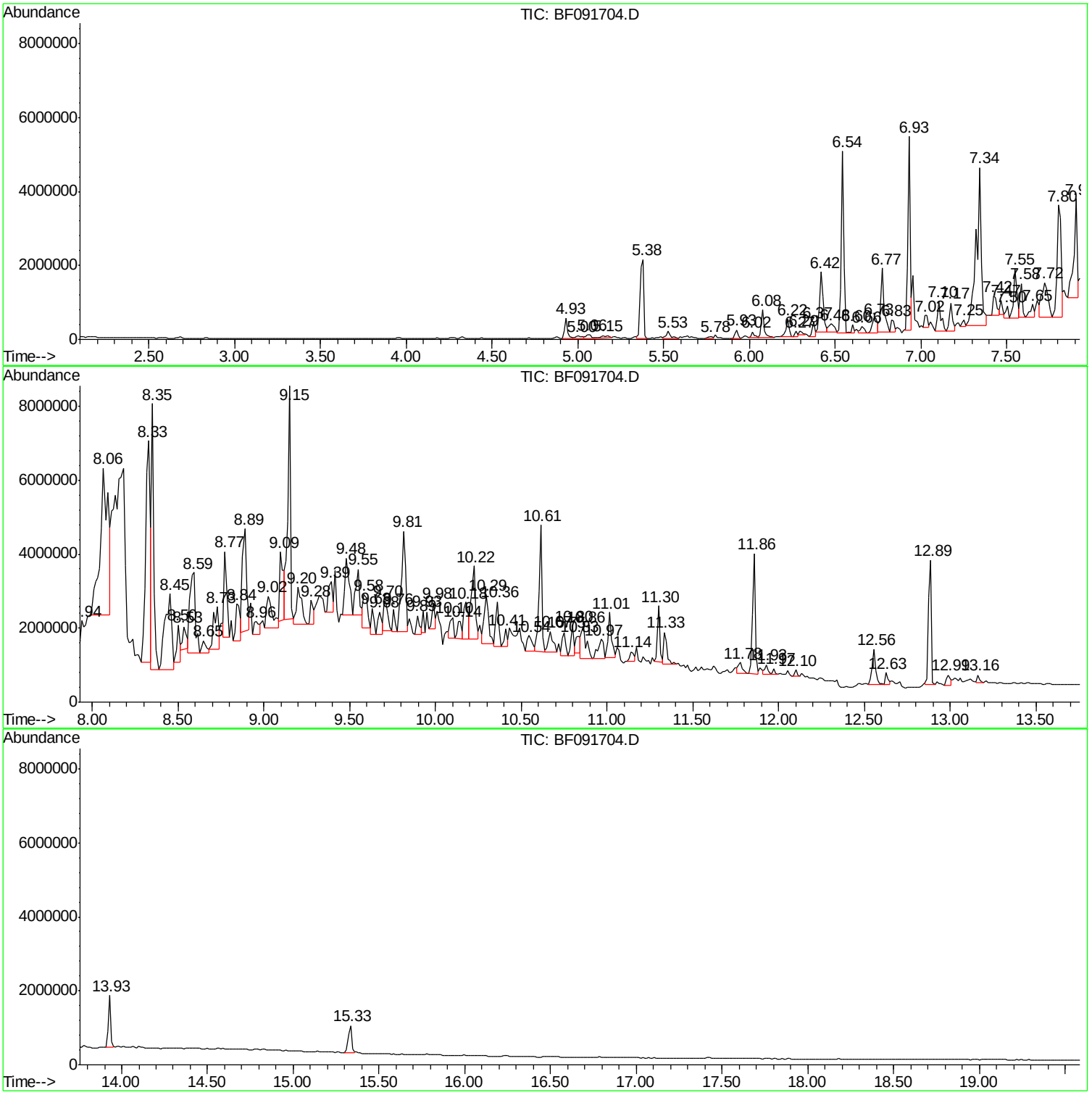
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091704.D
Acq On : 17 Dec 2016 6:53
Operator : UM/SJ
Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091704.D
Acq On : 17 Dec 2016 6:53
Operator : UM/SJ
Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

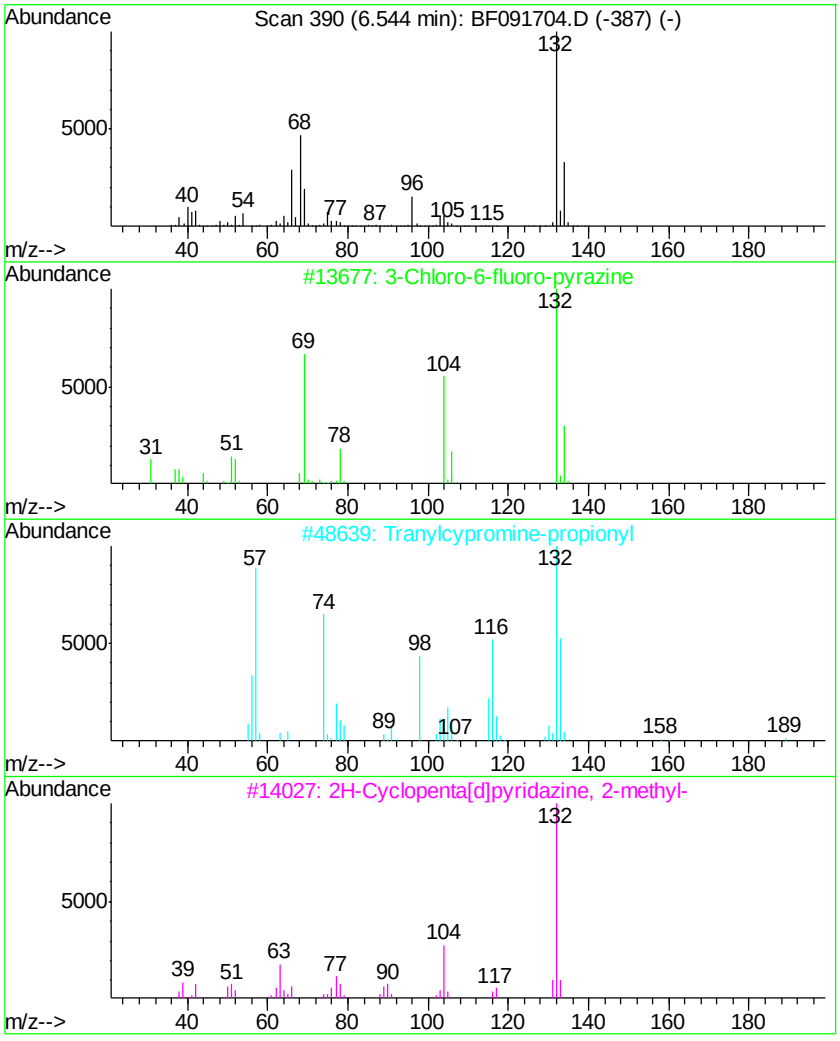
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

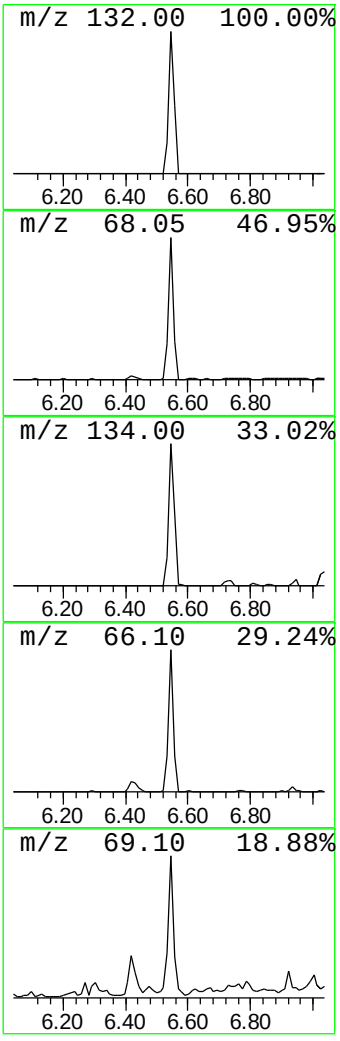
****

Peak Number 1 unknown6.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	51.56 ng	5438600	1,4-Dichlorobenzene-d4	6.77

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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091704.D
Acq On : 17 Dec 2016 6:53
Operator : UM/SJ
Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

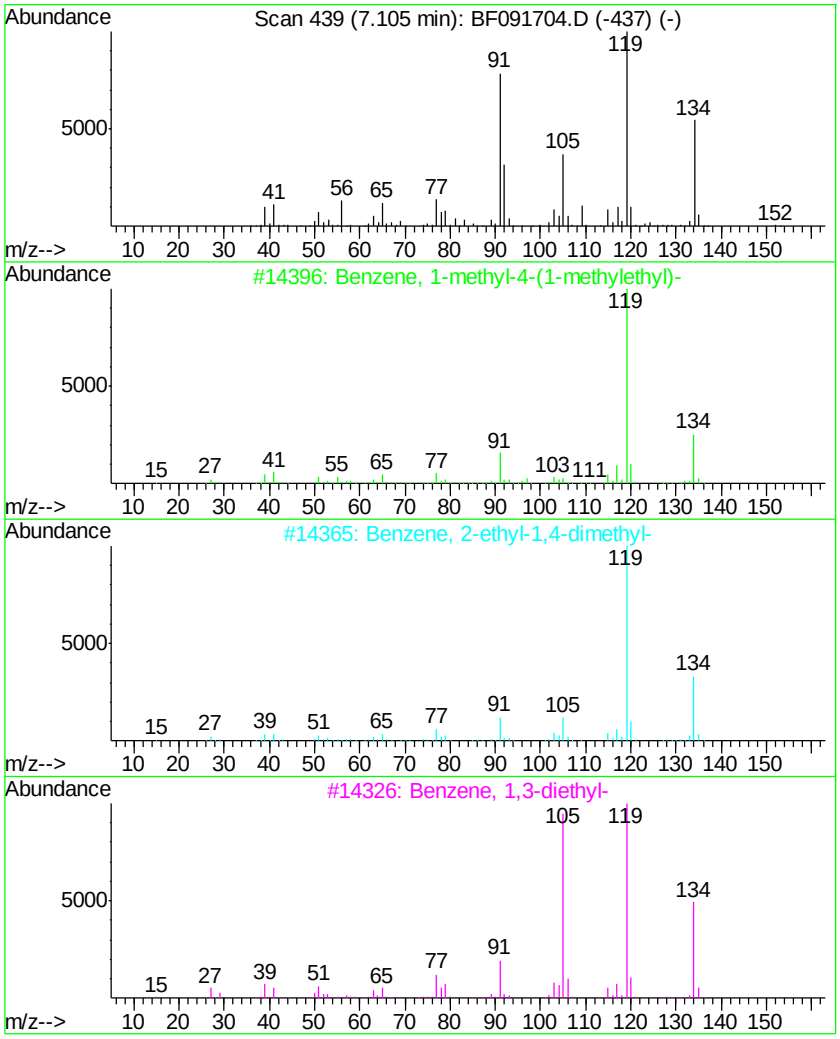
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

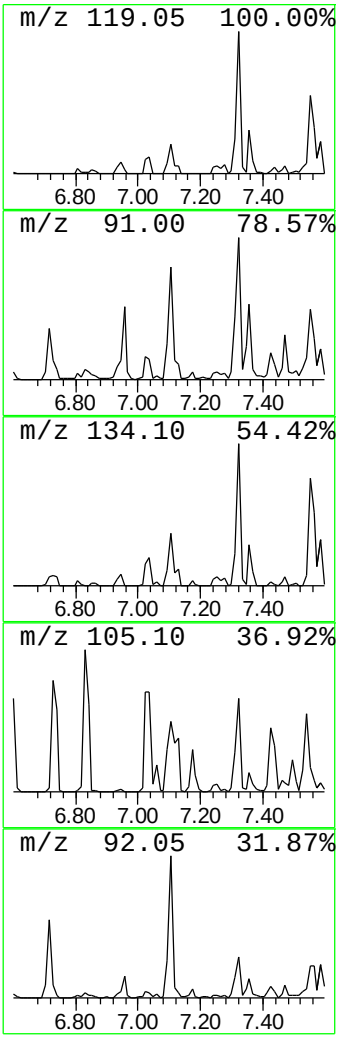
****

Peak Number 3 Benzene, 1-methyl-4-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	11.84 ng	1249010	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	83
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091704.D
Acq On : 17 Dec 2016 6:53
Operator : UM/SJ
Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

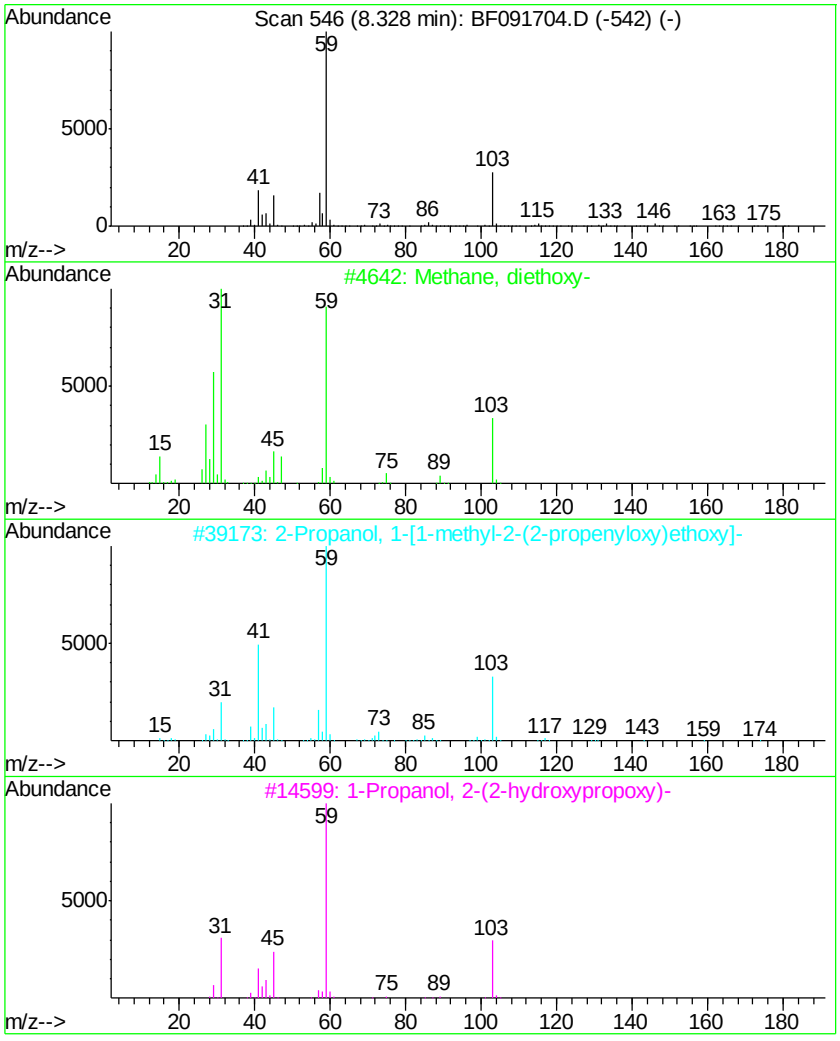
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

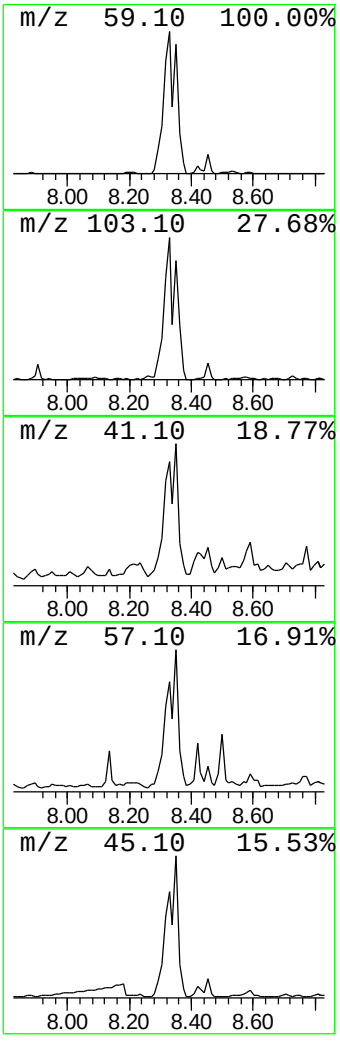
****

Peak Number 4 Methane, diethoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	18.80 ng	11938900	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, diethoxy-	104	C5H12O2	000462-95-3	72
2	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	64
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64
4	2-Propanol, 1-methoxy-2-methyl-	104	C5H12O2	003587-64-2	59
5	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091704.D
Acq On : 17 Dec 2016 6:53
Operator : UM/SJ
Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

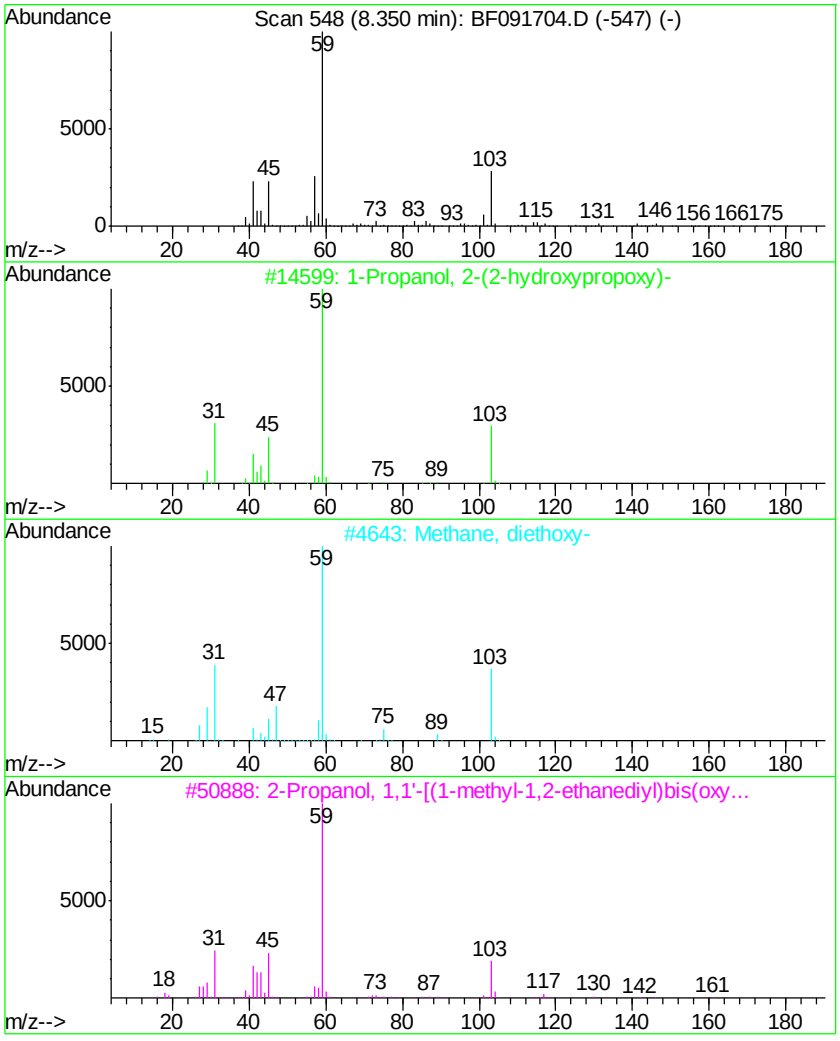
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

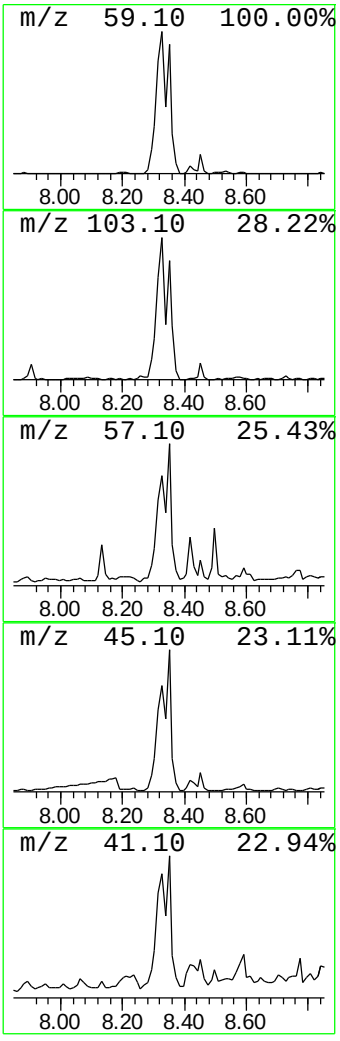
****

Peak Number 5 1-Propanol, 2-(2-hydroxypro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	10.51 ng	6671330	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	59
3	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	59
4	Propanedioic acid, oxo-, dimethy...	146	C5H6O5	003298-40-6	59
5	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091704.D
Acq On : 17 Dec 2016 6:53
Operator : UM/SJ
Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

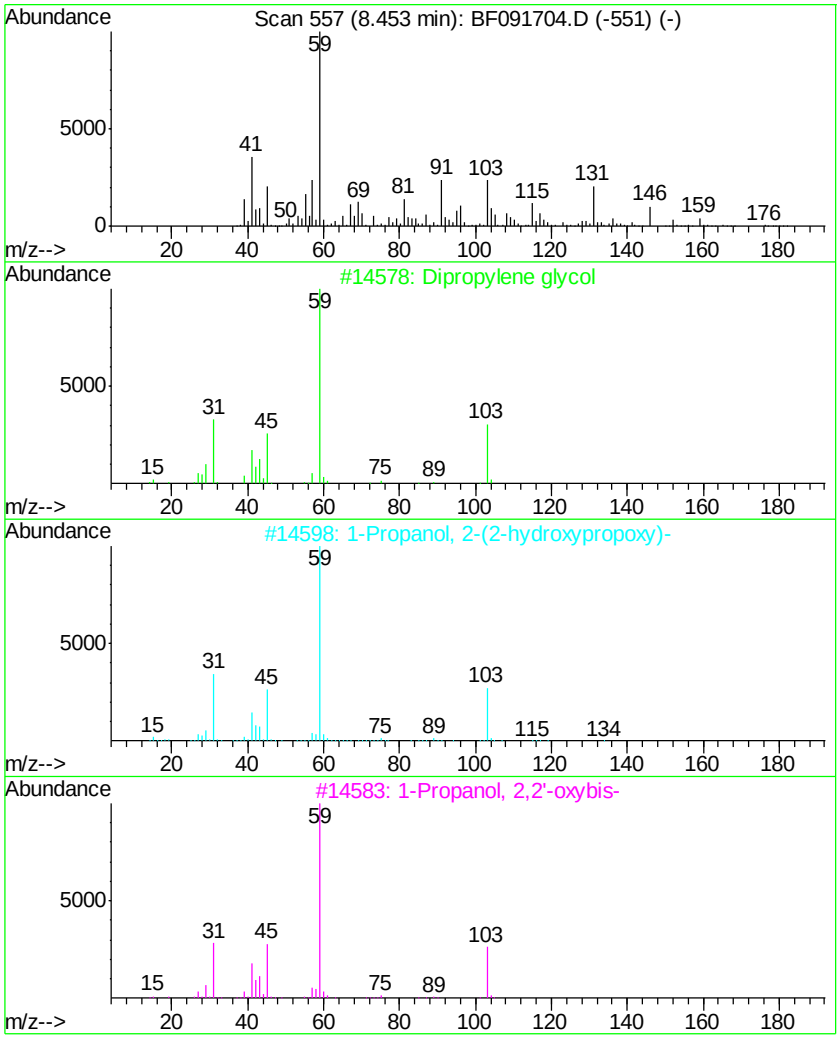
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

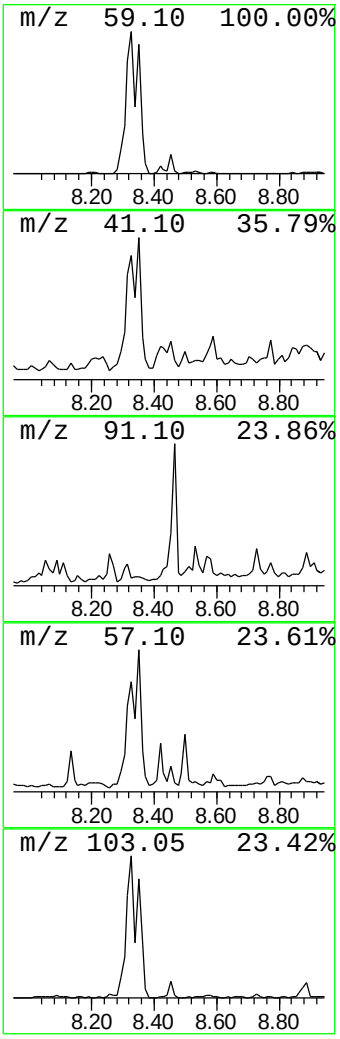
****

Peak Number 6 Dipropylene glycol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	9.24 ng	5864770	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dipropylene glycol	134	C6H14O3	025265-71-8	50
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
3	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	50
4	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	50
5	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091704.D
Acq On : 17 Dec 2016 6:53
Operator : UM/SJ
Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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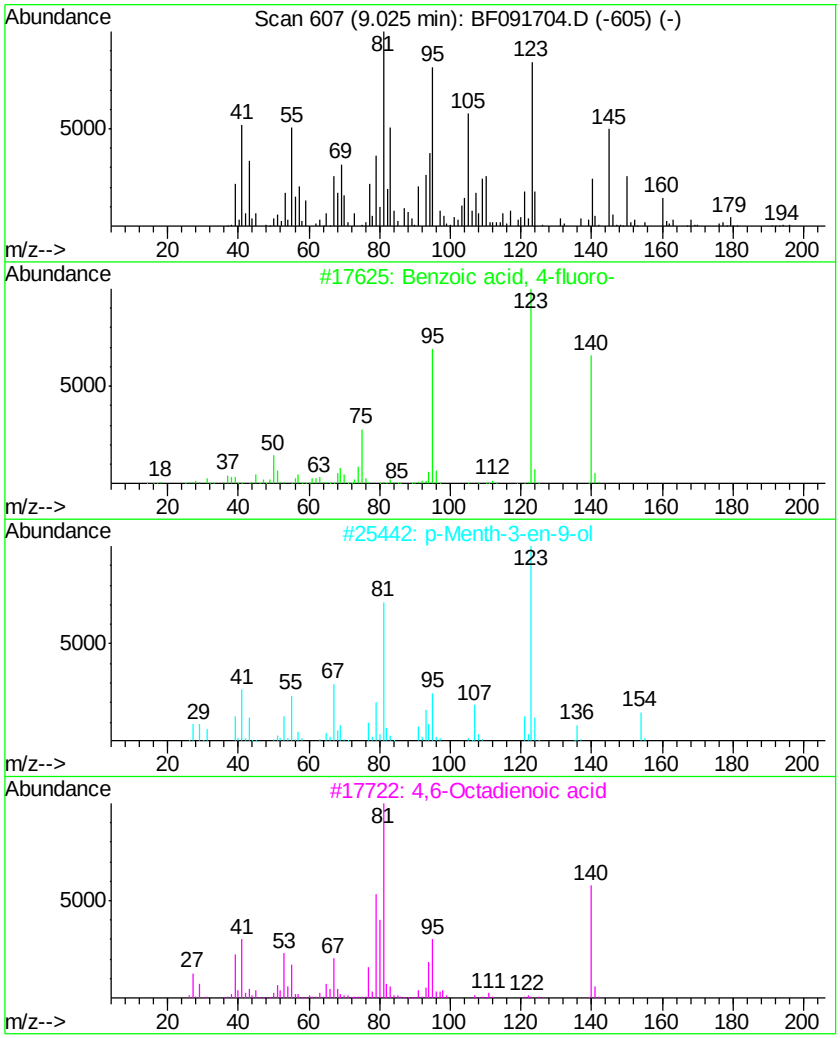
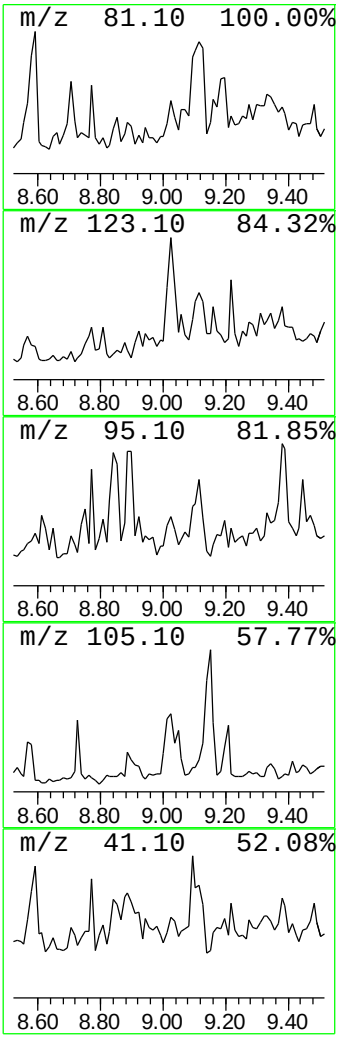
Peak Number 7 unknown9.02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	9.13 ng	2192670	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-fluoro-	140	C7H5FO2	000456-22-4	38
2	p-Menth-3-en-9-ol	154	C10H18O	015714-10-0	35
3	4,6-Octadienoic acid	140	C8H12O2	062765-17-7	14
4	Cyclohexene, 4-ethyl-	110	C8H14	003742-42-5	11
5	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	11





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Acq On : 17 Dec 2016 6:53
Operator : UM/SJ
Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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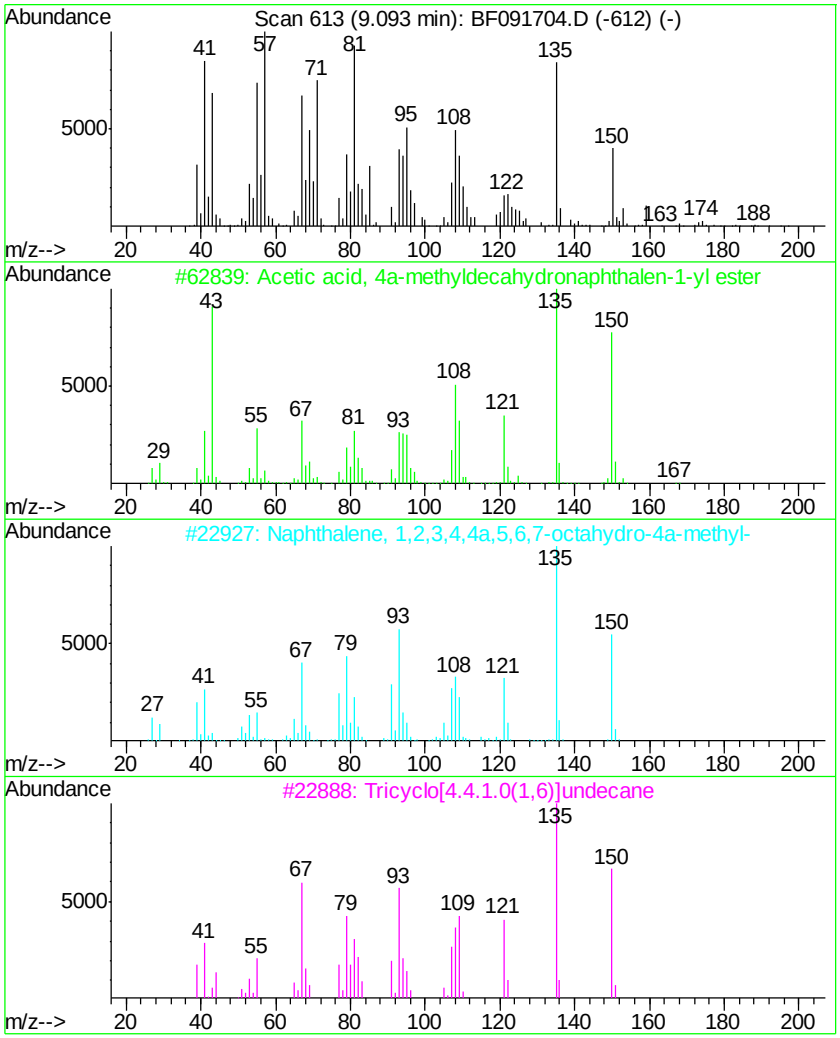
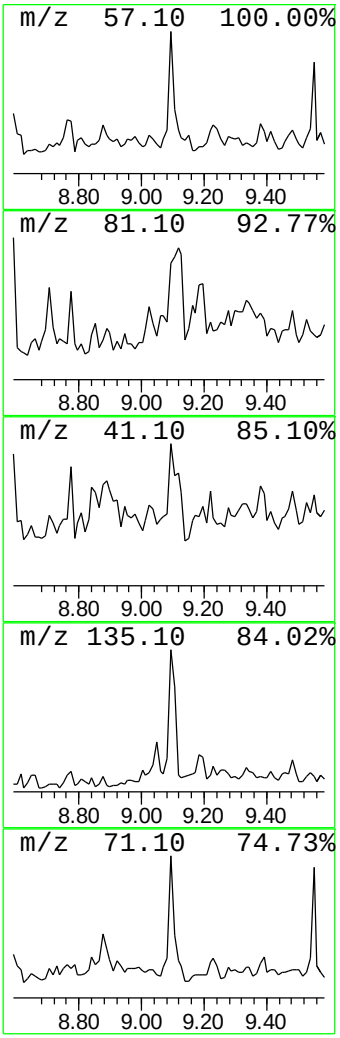
Peak Number 8 unknown9.09 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	12.94 ng	3106610	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 4a-methyldecahydron...	210	C13H22O2	1000191-50-9	43
2	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	38
3	Tricyclo[4.4.1.0(1,6)]undecane	150	C11H18	006571-73-9	30
4	Benzeneacetonitrile, 4-fluoro-	135	C8H6FN	000459-22-3	25
5	Benzeneacetonitrile, 2-fluoro-	135	C8H6FN	000326-62-5	25





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Data File : BF091704.D
Acq On : 17 Dec 2016 6:53
Operator : UM/SJ
Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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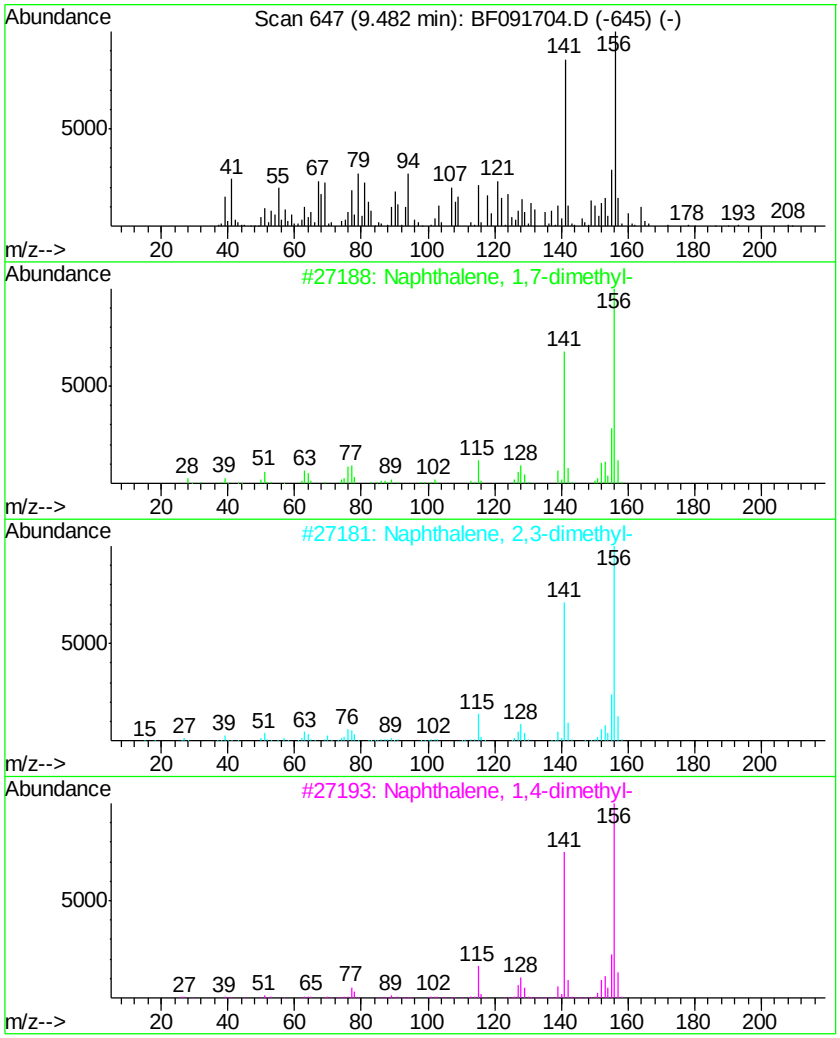
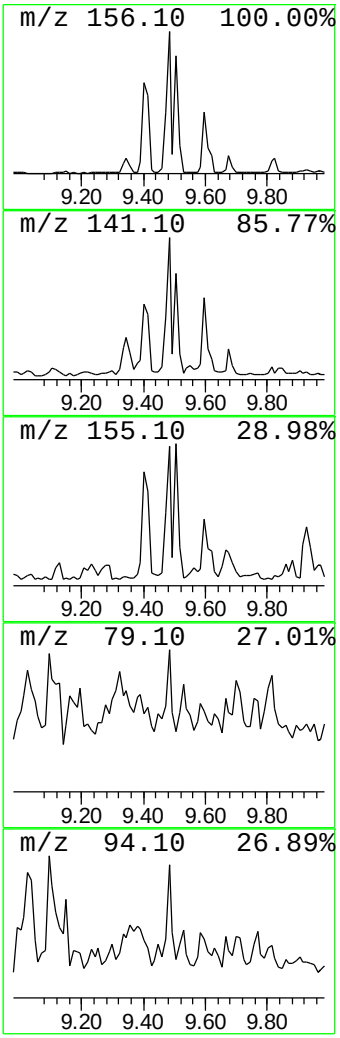
Peak Number 9 Naphthalene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	10.63 ng	2551740	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Acq On : 17 Dec 2016 6:53
Operator : UM/SJ
Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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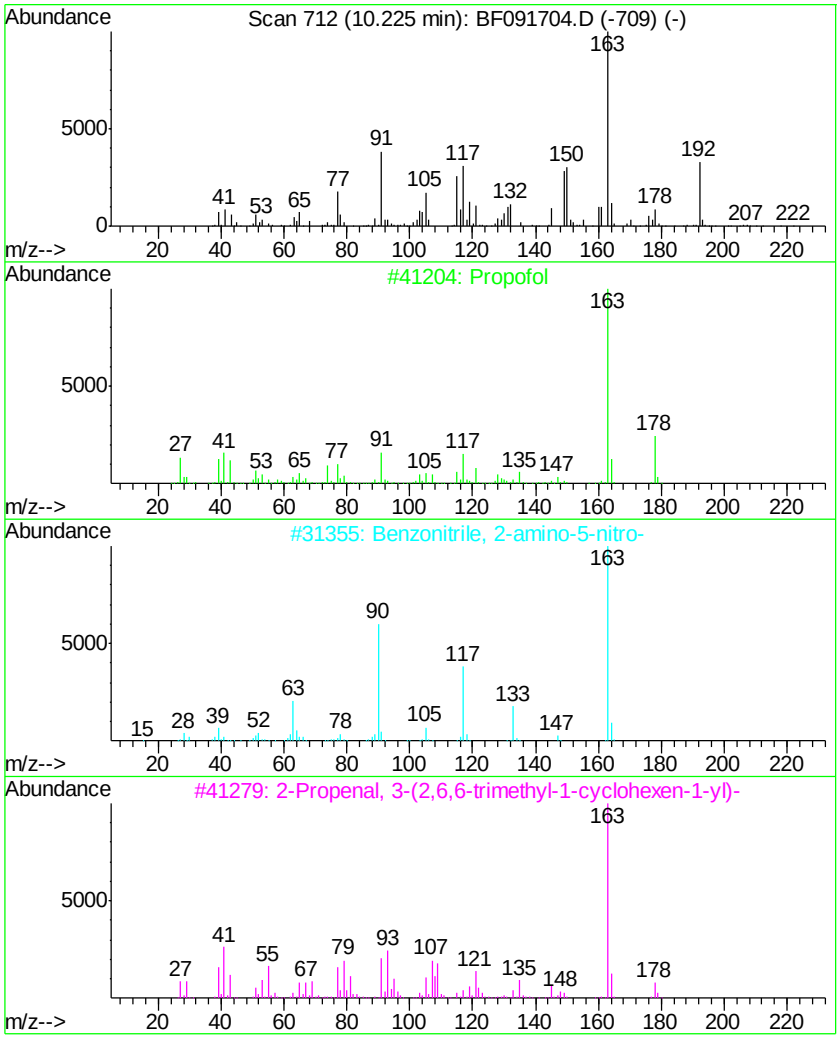
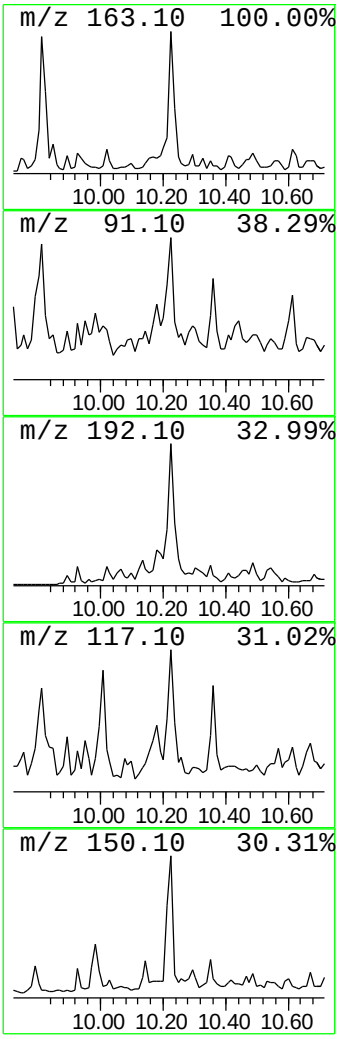
Peak Number 10 unknown10.22 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	14.73 ng	3535390	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propofol	178	C12H18O	002078-54-8	43
2	Benzonitrile, 2-amino-5-nitro-	163	C7H5N3O2	017420-30-3	38
3	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	38
4	1H-Benzimidazole, 5-nitro-	163	C7H5N3O2	000094-52-0	38
5	1H-Indazole, 5-nitro-	163	C7H5N3O2	005401-94-5	38





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Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

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ClientSampleId : MW-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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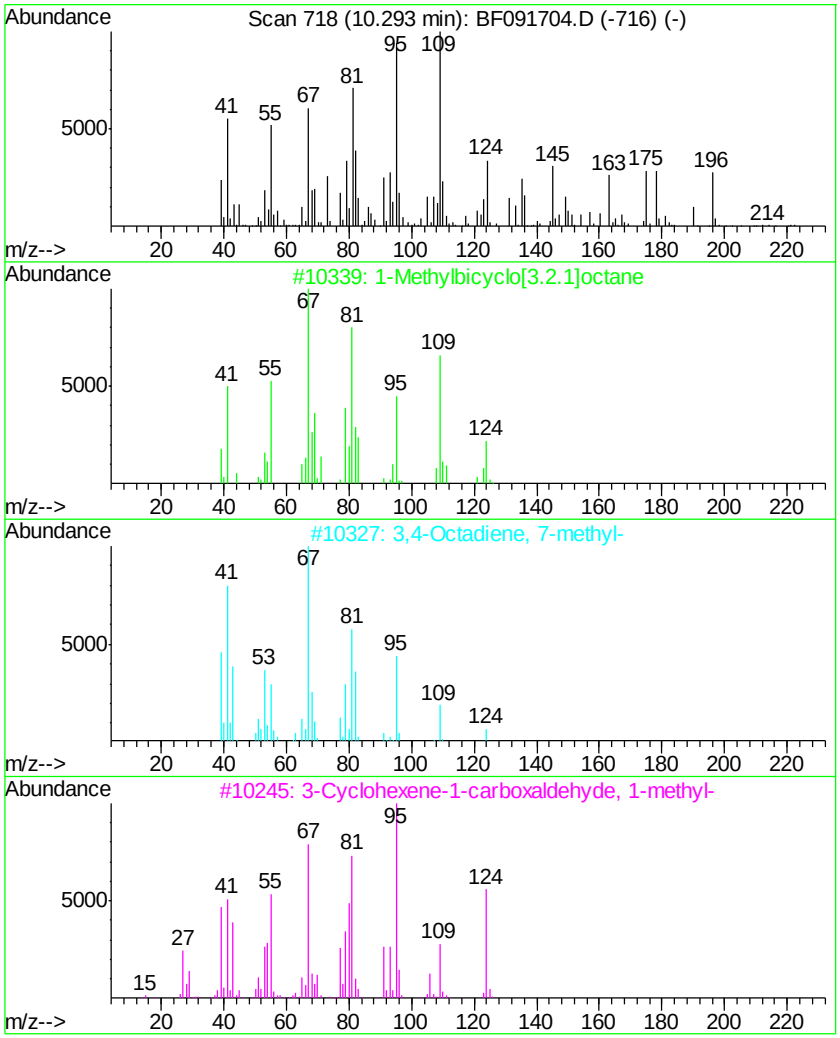
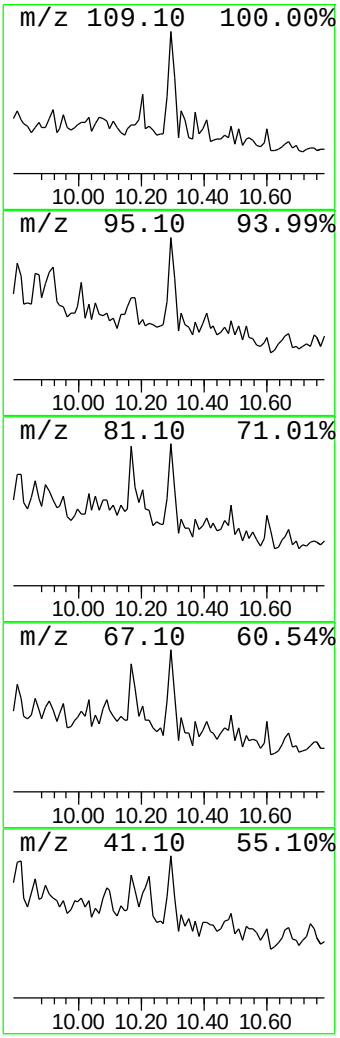
Peak Number 11 unknown10.29 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	9.02 ng	2164310	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	45
2	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	42
3	3-Cyclohexene-1-carboxaldehyde, ...	124	C8H12O	000931-96-4	30
4	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	30
5	2,4-Heptadiene, 2,4-dimethyl-	124	C9H16	074421-05-9	25





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Acq On : 17 Dec 2016 6:53
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Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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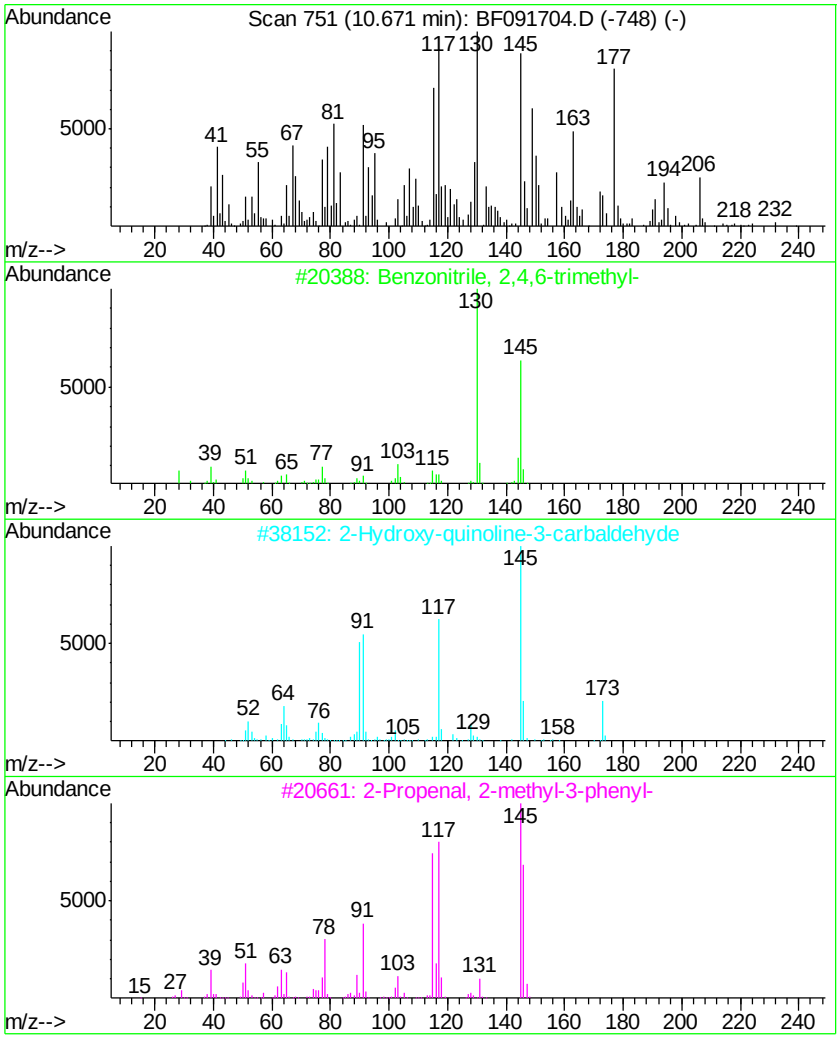
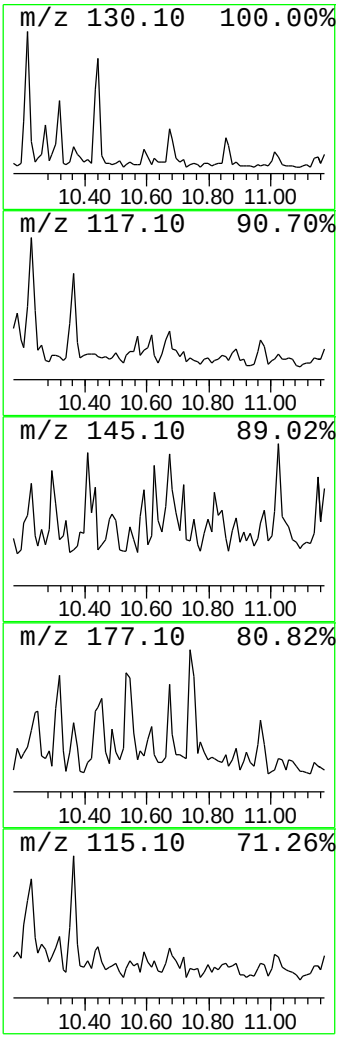
Peak Number 12 unknown10.67 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	15.68 ng	1042020	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 2,4,6-trimethyl-	145	C10H11N	002571-52-0	22
2	2-Hydroxy-quinoline-3-carbaldehyde	173	C10H7NO2	1000296-16-3	22
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	12
4	2,3,5,6-Tetramethylbenzamide	177	C11H15NO	099858-56-7	12
5	Phosphorochloridic acid, diethyl...	172	C4H10ClO3P	000814-49-3	12





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Acq On : 17 Dec 2016 6:53
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Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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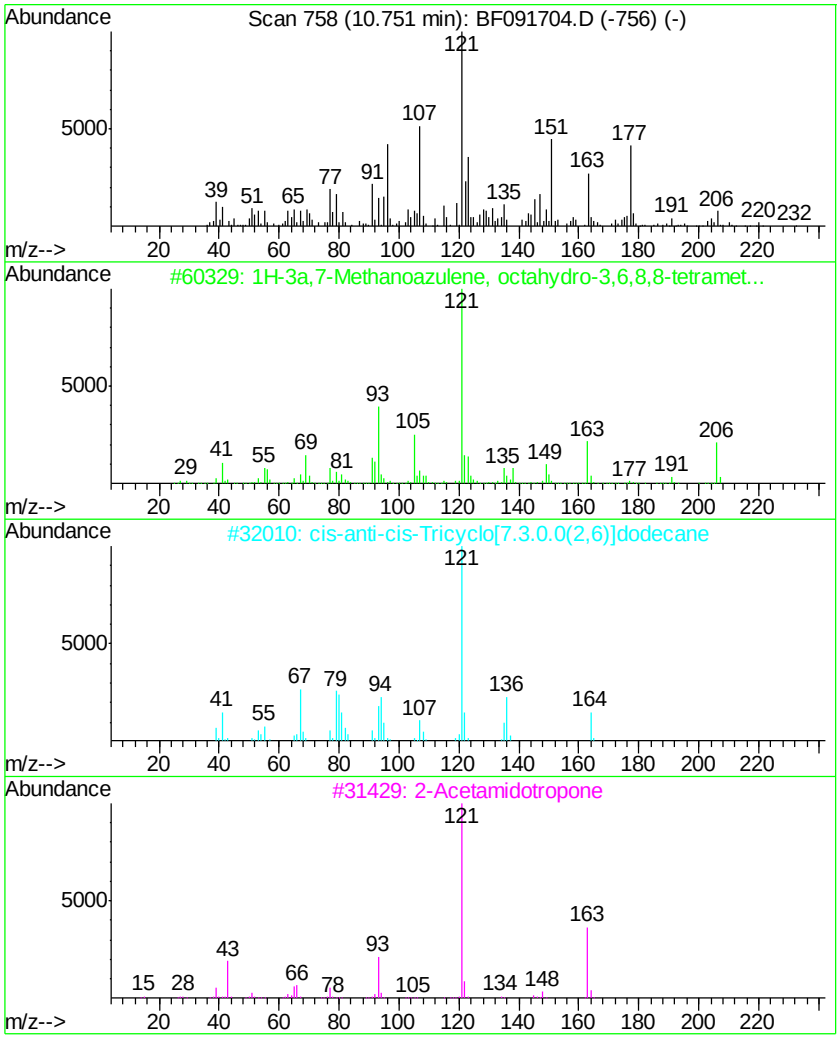
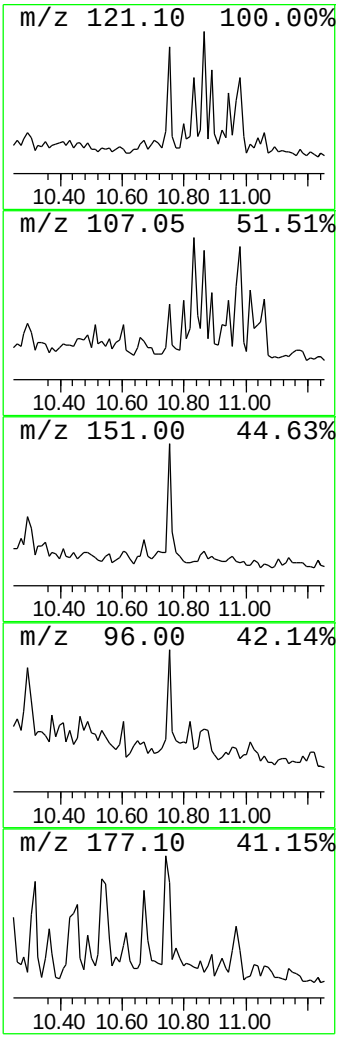
Peak Number 13 unknown10.75 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	13.49 ng	896589	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-3a,7-Methanoazulene, octahydr...	206	C15H26	013567-54-9	38
2	cis-anti-cis-Tricyclo[7.3.0.0(2,...	164	C12H20	030159-15-0	14
3	2-Acetamidotropone	163	C9H9NO2	006422-12-4	14
4	cis-anti-trans-Tricyclo[7.3.0.0(...	164	C12H20	030159-13-8	14
5	4-(But-2-oxy)benzaldehyde	178	C11H14O2	104174-29-0	14





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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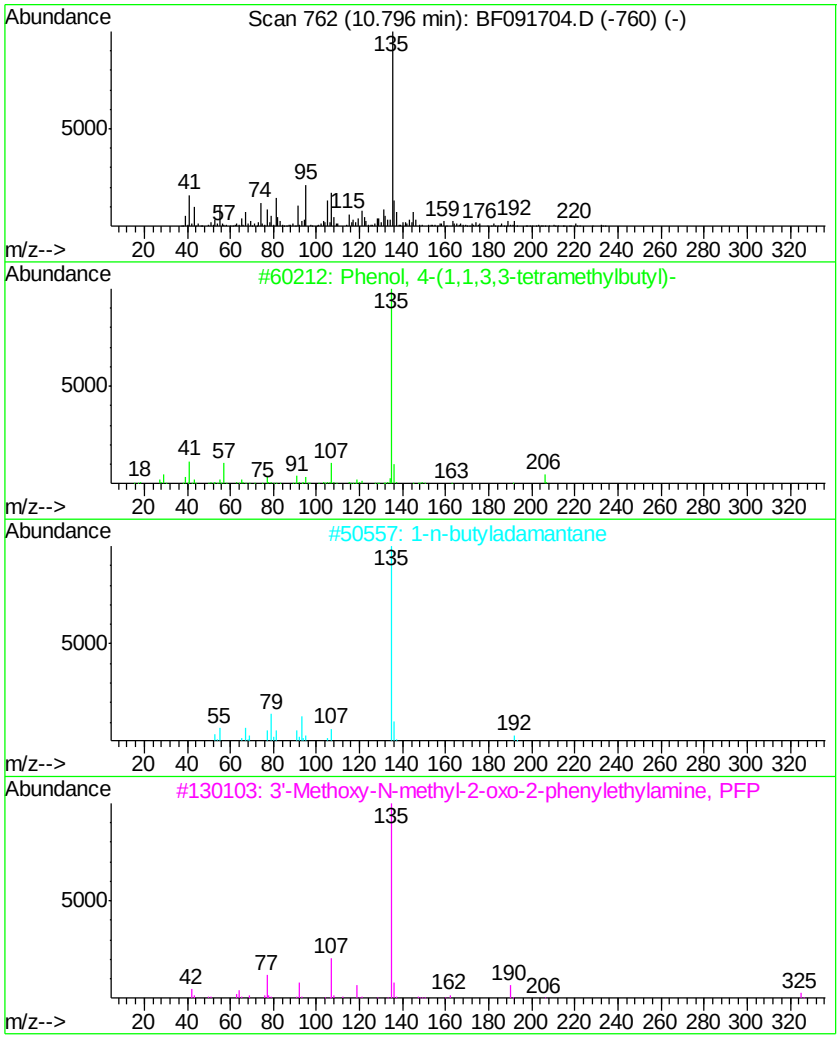
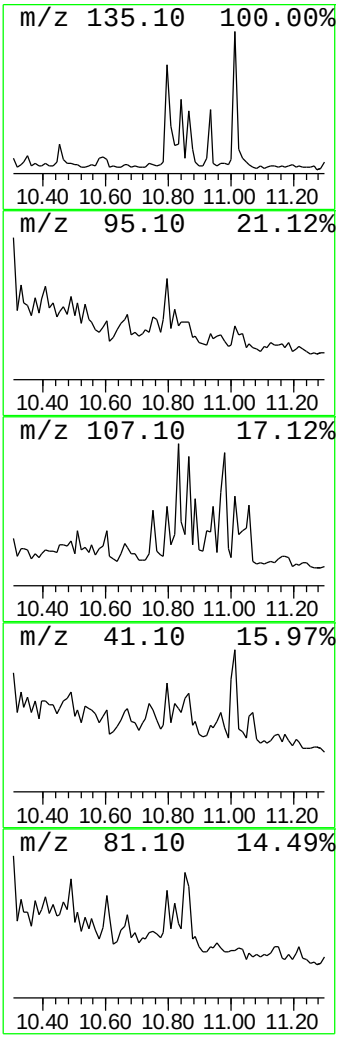
Peak Number 14 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	12.26 ng	814541	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	59
2	1-n-butyladamantane	192	C14H24	014449-41-3	58
3	3'-Methoxy-N-methyl-2-oxo-2-phen...	325	C13H12F5NO3	1000099-92-9	53
4	1-Isobutyladamantane	192	C14H24	027364-16-5	53
5	1-sec-Butyladamantane	192	C14H24	014449-42-4	53





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Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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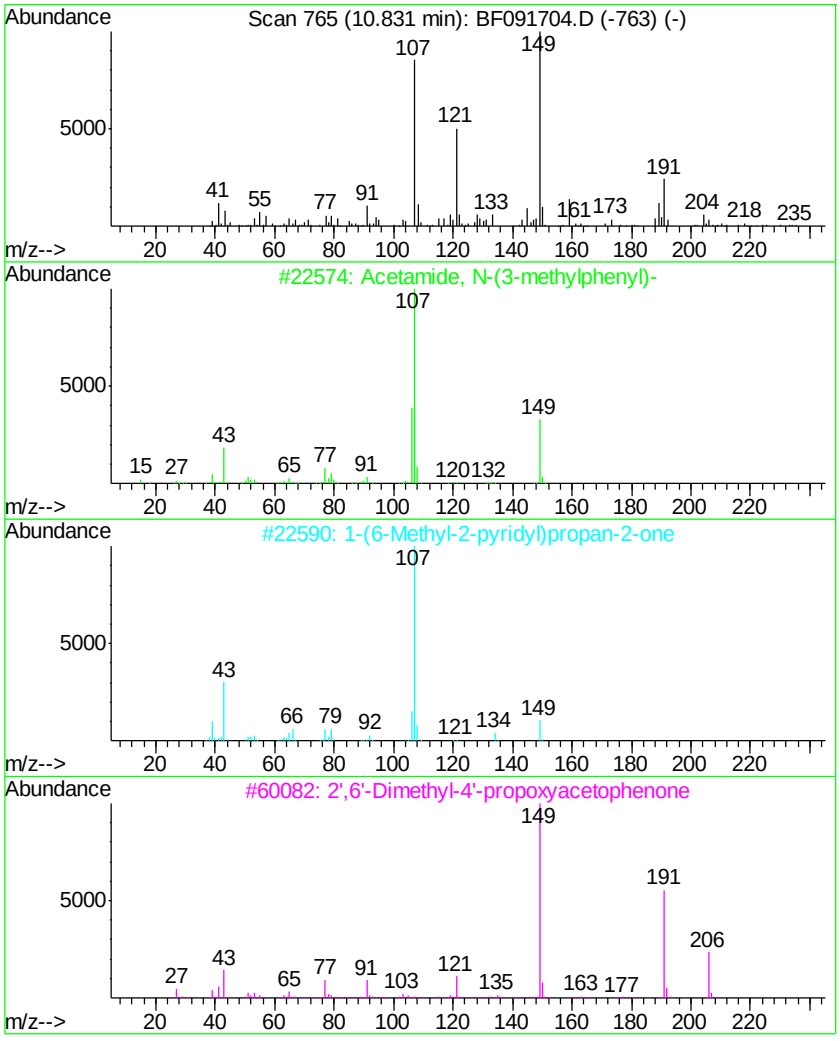
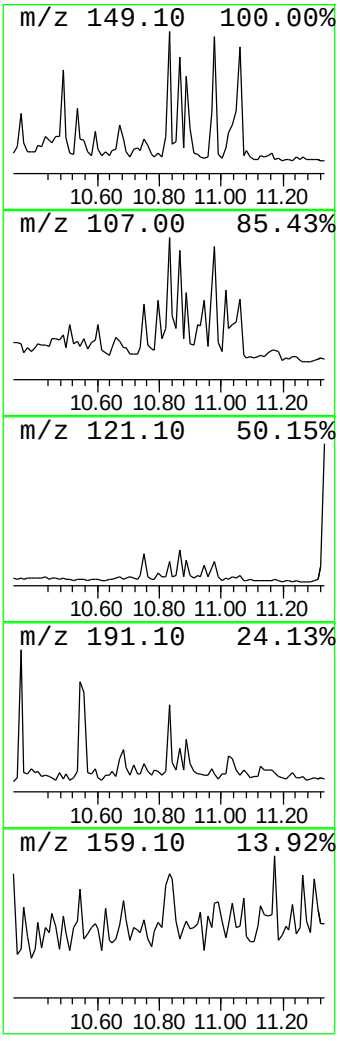
Peak Number 15 Acetamide, N-(3-methylphenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	13.50 ng	896896	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	64
2	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	59
3	2',6'-Dimethyl-4'-propoxyacetoph...	206	C13H18O2	1000195-98-1	43
4	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
5	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	38





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Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
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TIC Library : C:\DATABASE\NIST02.L
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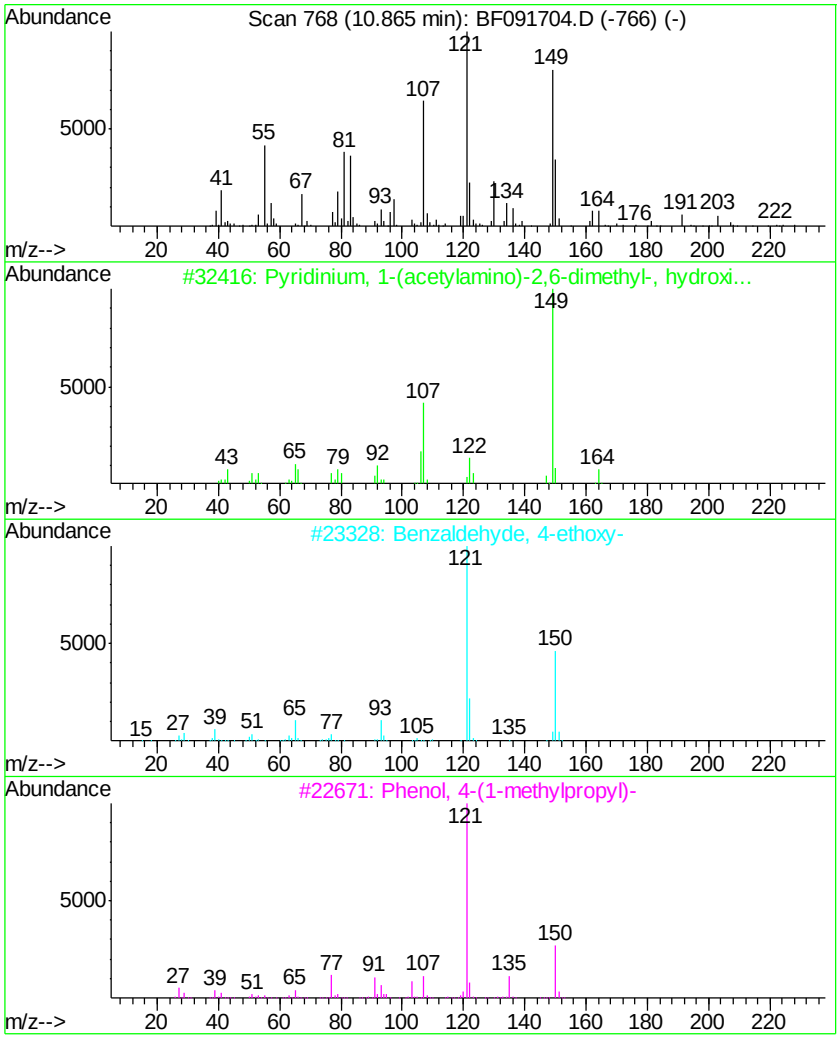
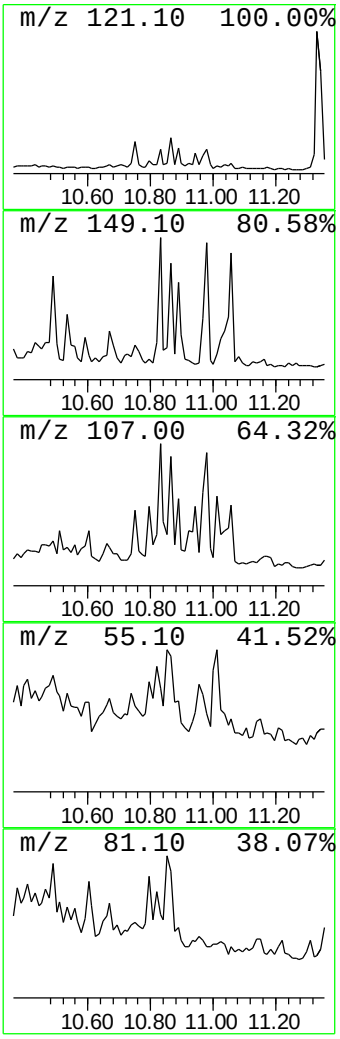
Peak Number 16 unknown10.86 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	25.87 ng	1719120	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridinium, 1-(acetylamino)-2,6-...	164	C9H12N2O	031020-35-6	35
2	Benzaldehyde, 4-ethoxy-	150	C9H10O2	010031-82-0	27
3	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	22
4	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	16
5	4-Methyl-2-propylphenol	150	C10H14O	004074-46-8	14





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ALS Vial : 31 Sample Multiplier: 1

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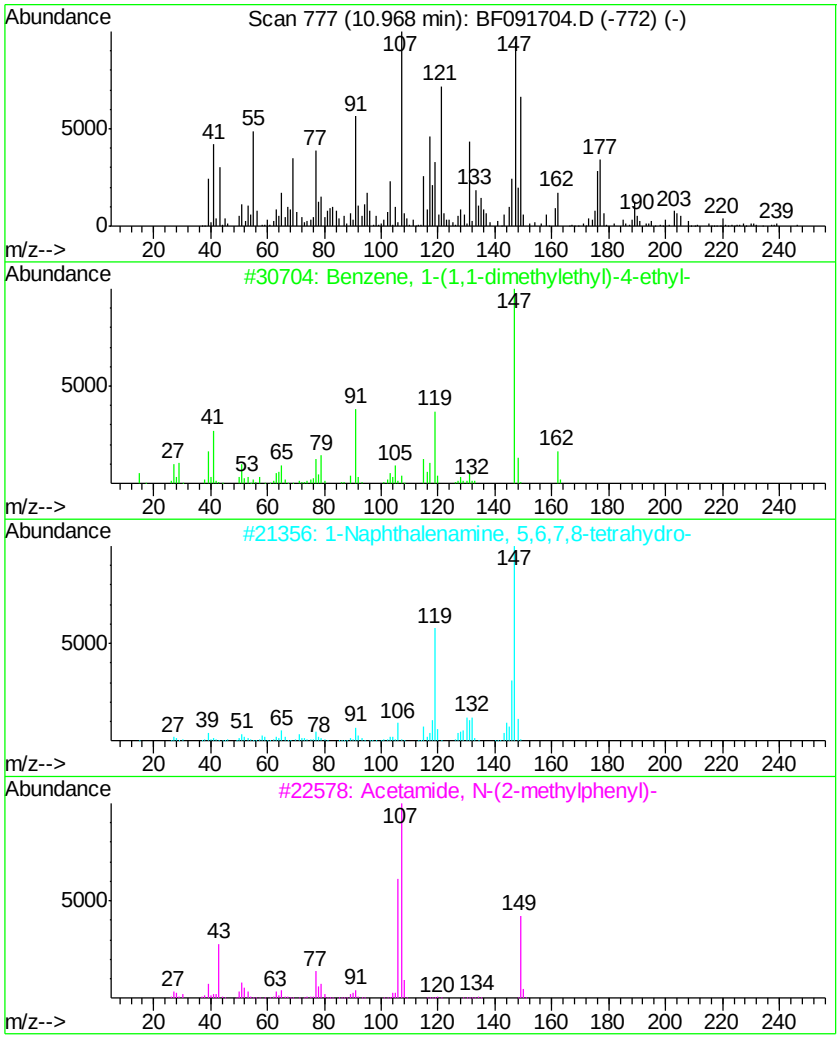
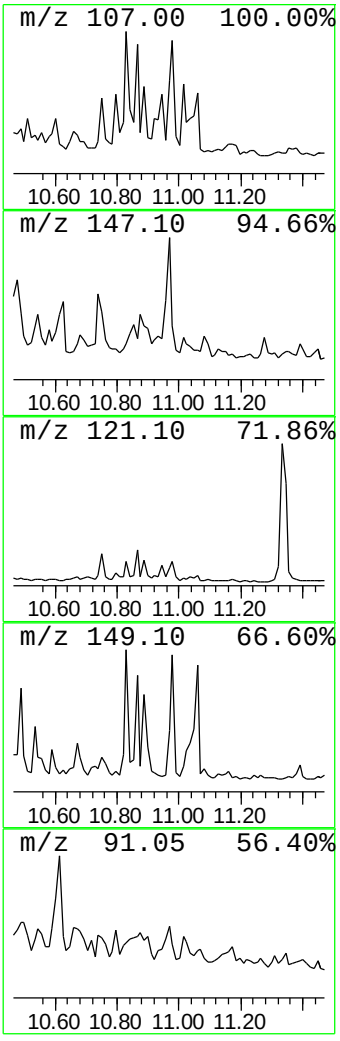
Peak Number 17 unknown10.97 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	18.44 ng	1225300	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	25
2	1-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-41-6	25
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	25
4	Acetamide, N-methyl-N-phenyl-	149	C9H11NO	000579-10-2	18
5	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	014411-56-4	18





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
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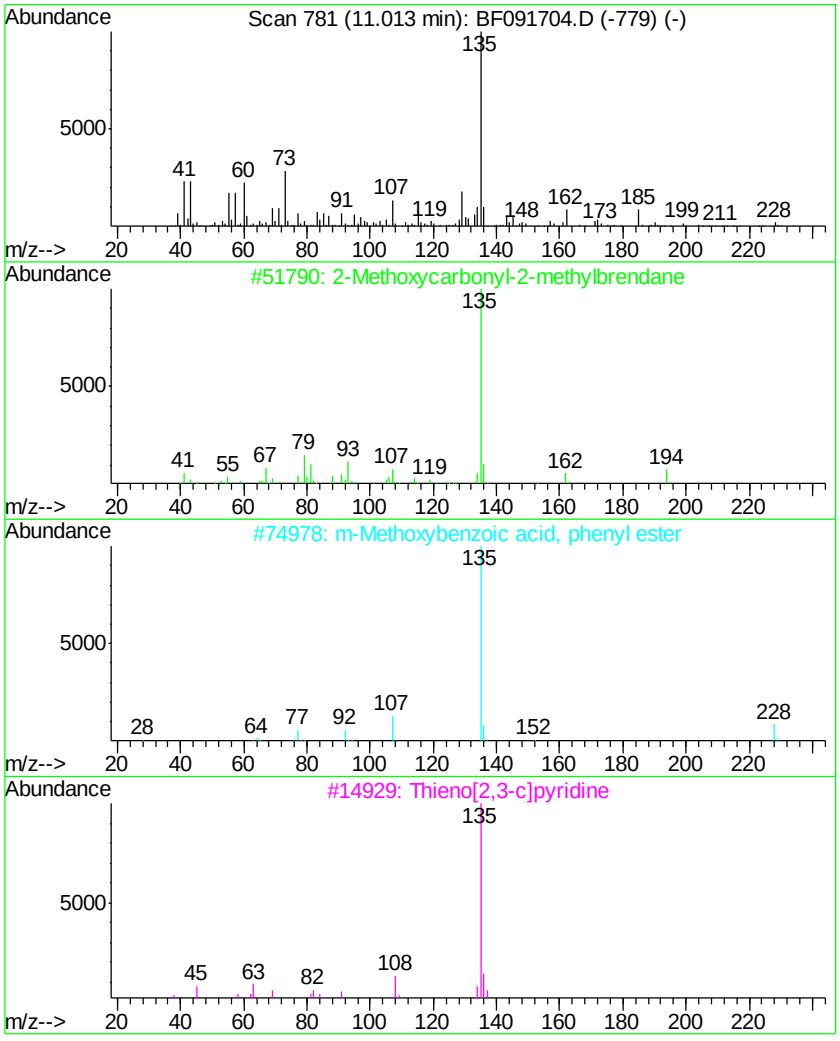
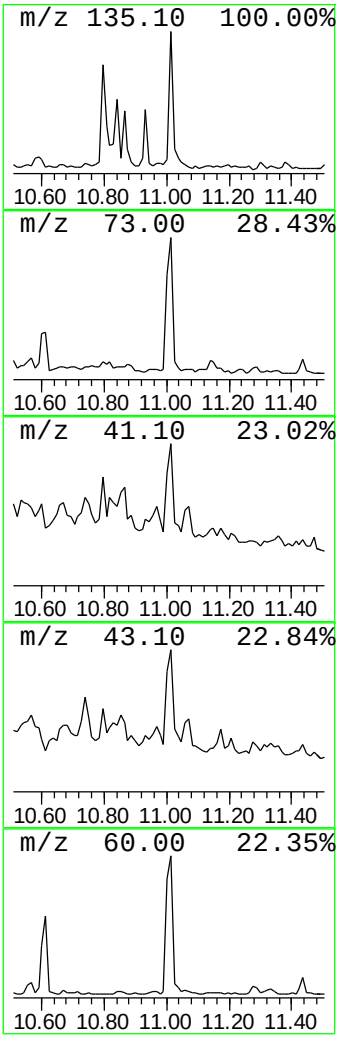
Peak Number 18 2-Methoxycarbonyl-2-methylb... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	25.70 ng	1707480	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxycarbonyl-2-methylbrendane	194	C12H18O2	148191-16-6	50
2	m-Methoxybenzoic acid, phenyl ester	228	C14H12O3	065853-67-0	50
3	Thieno[2,3-c]pyridine	135	C7H5NS	000272-12-8	47
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	47
5	1,4-Benzenediamine, N-(1-methylh...	220	C14H24N2	039563-50-3	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091704.D
Acq On : 17 Dec 2016 6:53
Operator : UM/SJ
Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

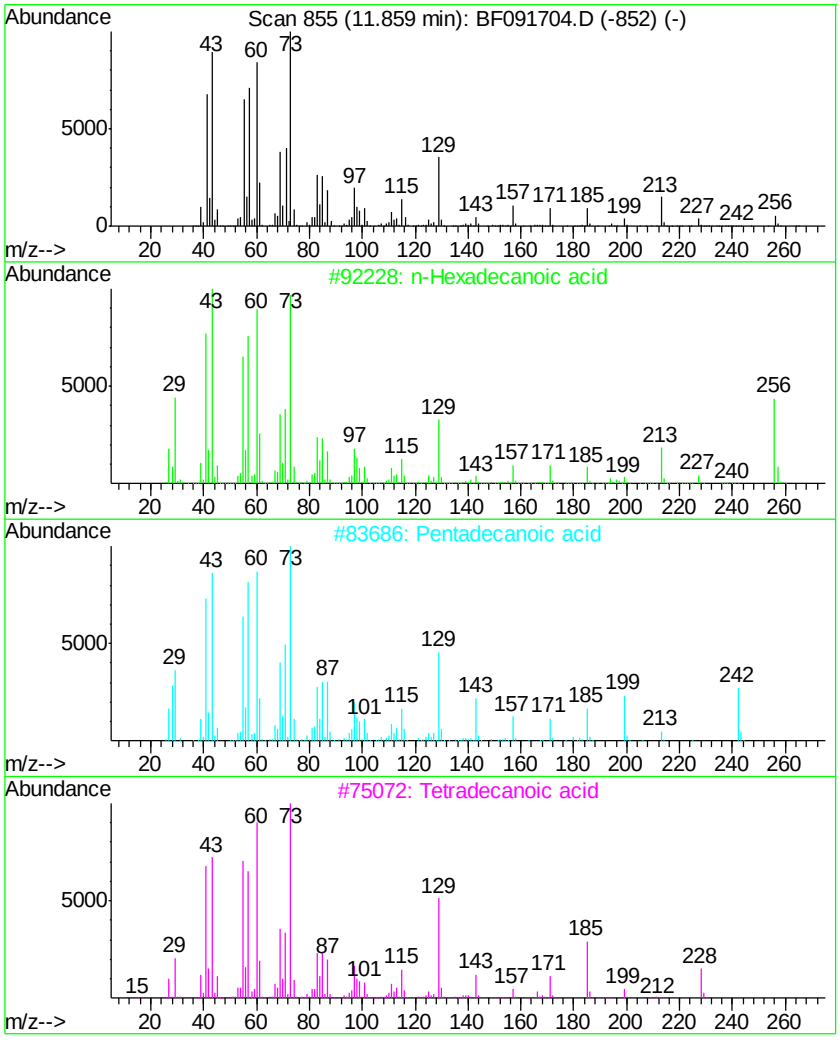
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

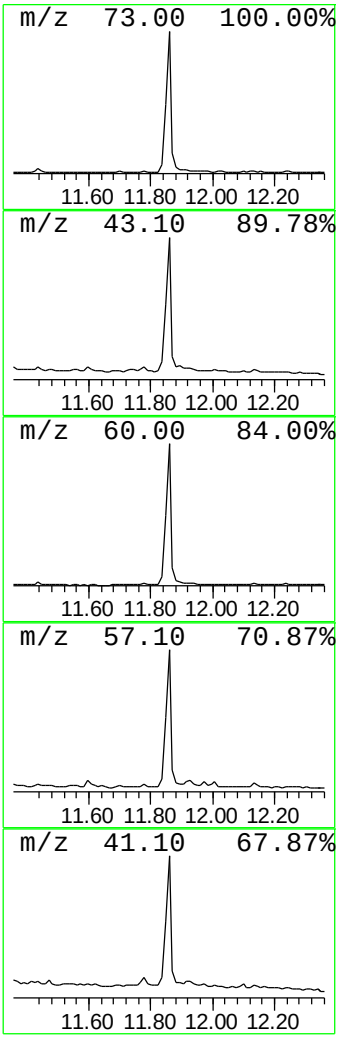
****

Peak Number 19 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	58.09 ng	3860260	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091704.D
Acq On : 17 Dec 2016 6:53
Operator : UM/SJ
Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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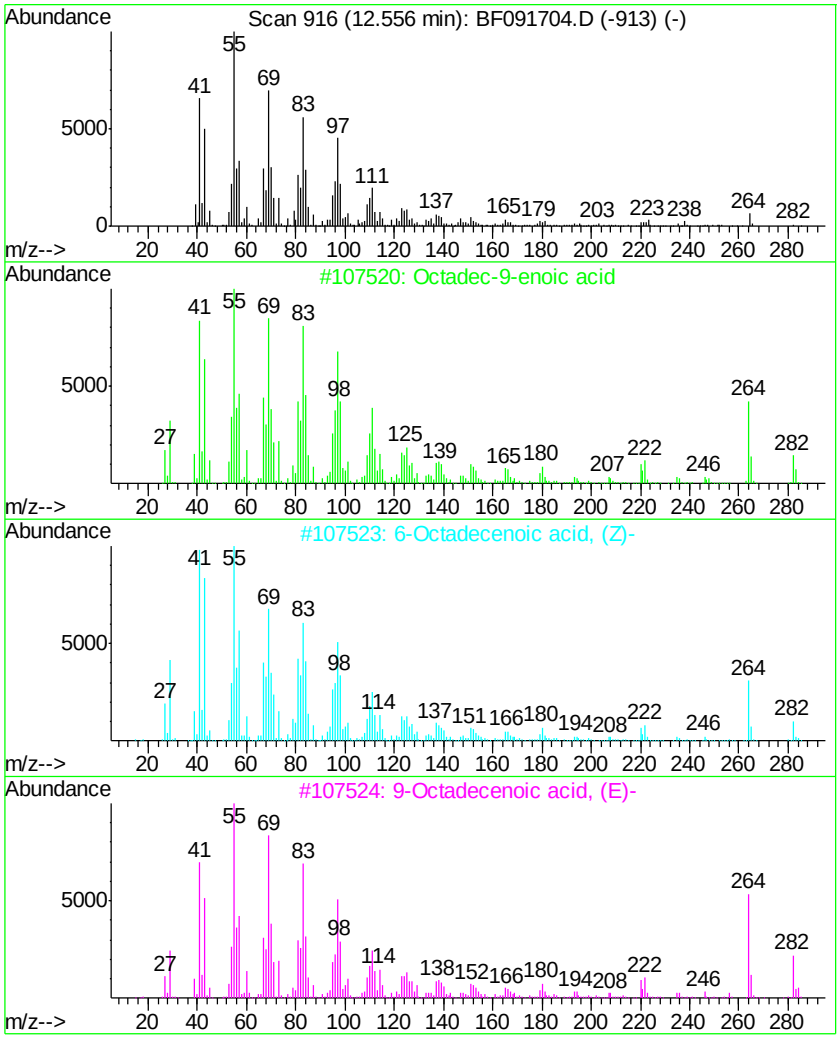
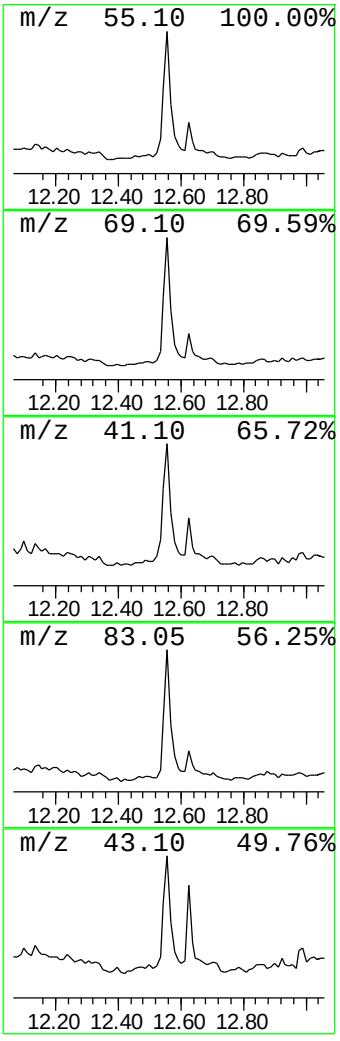
Peak Number 20 Octadec-9-enoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	22.47 ng	1492870	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	99
2	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	98
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	96
4	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	94
5	Oleic Acid	282	C18H34O2	000112-80-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091704.D
Acq On : 17 Dec 2016 6:53
Operator : UM/SJ
Sample : H6090-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.54	6.54	51.6	ng	5438600	1	6.77	2109750	20.0
Benzene, 1-methyl...	7.10	11.8	ng	1249010	1	6.77	2109750	20.0
Methane, diethoxy-	8.33	18.8	ng	11938900	2	8.06	12700900	20.0
1-Propanol, 2-(2-...	8.35	10.5	ng	6671330	2	8.06	12700900	20.0
Dipropylene glycol	8.45	9.2	ng	5864770	2	8.06	12700900	20.0
unknown9.02	9.02	9.1	ng	2192670	3	9.82	4800690	20.0
unknown9.09	9.09	12.9	ng	3106610	3	9.82	4800690	20.0
Naphthalene, 1,7-...	9.48	10.6	ng	2551740	3	9.82	4800690	20.0
unknown10.22	10.22	14.7	ng	3535390	3	9.82	4800690	20.0
unknown10.29	10.29	9.0	ng	2164310	3	9.82	4800690	20.0
unknown10.67	10.67	15.7	ng	1042020	4	11.30	1329020	20.0
unknown10.75	10.75	13.5	ng	896589	4	11.30	1329020	20.0
Phenol, 4-(1,1,3,...	10.80	12.3	ng	814541	4	11.30	1329020	20.0
Acetamide, N-(3-m...	10.83	13.5	ng	896896	4	11.30	1329020	20.0
unknown10.86	10.86	25.9	ng	1719120	4	11.30	1329020	20.0
unknown10.97	10.97	18.4	ng	1225300	4	11.30	1329020	20.0
2-Methoxycarbonyl...	11.01	25.7	ng	1707480	4	11.30	1329020	20.0
n-Hexadecanoic acid	11.86	58.1	ng	3860260	4	11.30	1329020	20.0
Octadec-9-enoic acid	12.56	22.5	ng	1492870	4	11.30	1329020	20.0