LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091705.D
Acq On : 17 Dec 2016 7:21
Operator : UM/SJ
Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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	253	rVV	807758	1066793	12.53%	0.694%
2	5.276	276	279	281	rBV	154828	192299	2.26%	0.125%
3	5.379	285	288	290	rVV	2439001	2958770	34.75%	1.926%
4	5.539	294	302	306	rVV2	405235	761740	8.95%	0.496%
5	5.596	306	307	309	rVV	180567	270860	3.18%	0.176%
6	5.641	309	311	317	rVB3	437253	636338	7.47%	0.414%
7	5.801	324	325	330	rVB	244784	256808	3.02%	0.167%
8	5.973	338	340	343	rBV3	118484	183781	2.16%	0.120%
9	6.041	343	346	348	rVB3	81469	141328	1.66%	0.092%
10	6.099	348	351	355	rBV2	139066	332120	3.90%	0.216%
11	6.167	355	357	359	rBV	234027	326280	3.83%	0.212%
12	6.270	364	366	368	rBV	432567	426814	5.01%	0.278%
13	6.384	374	376	377	rBV2	81765	148054	1.74%	0.096%
14	6.430	377	380	382	rVB	947762	1412358	16.59%	0.919%
15	6.476	382	384	386	rVB	176862	217289	2.55%	0.141%
16	6.544	386	390	393	rBV	3287143	4120803	48.39%	2.682%
17	6.624	393	397	398	rBV2	140660	187295	2.20%	0.122%
18	6.659	398	400	402	rVB2	289304	426718	5.01%	0.278%
19	6.704	402	404	408	rBV3	286367	707328	8.31%	0.460%
20	6.784	408	411	413	rVB2	1116544	1657330	19.46%	1.079%
21	6.853	415	417	420	rVB3	276518	520995	6.12%	0.339%
22	6.933	422	424	427	rBV	4092436	4207424	49.41%	2.738%
23	6.990	427	429	431	rVB3	217454	356630	4.19%	0.232%
24	7.036	431	433	437	rVB4	206509	409565	4.81%	0.267%
25	7.127	437	441	443	rBV4	524011	987767	11.60%	0.643%
26	7.173	443	445	448	rBV3	347862	656627	7.71%	0.427%
27	7.230	448	450	453	rVB4	208306	391117	4.59%	0.255%
28	7.344	453	460	462	rBV2	4087184	7372536	86.58%	4.798%
29	7.424	464	467	469	rBV3	801833	1300448	15.27%	0.846%
30	7.470	469	471	472	rVB2	172544	152623	1.79%	0.099%
31	7.504	472	474	475	rVB	589892	572868	6.73%	0.373%
32	7.562	476	479	480	rVB3	474501	648060	7.61%	0.422%
33	7.630	484	485	486	rBV	210737	267362	3.14%	0.174%
34	7.676	486	489	490	rVB2	377881	437048	5.13%	0.284%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : MW-09

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.722	490	493	494	rBV2	382523	891786	10.47%	0.580%
36	7.767	495	497	498	rVB	540098	642255	7.54%	0.418%
37	7.813	498	501	505	rVB4	1102542	2357058	27.68%	1.534%
38	7.893	505	508	510	rBV2	1172605	2038375	23.94%	1.327%
39	7.950	510	513	516	rBV3	749649	1655112	19.44%	1.077%
40	8.007	516	518	520	rVB3	538284	757362	8.89%	0.493%
41	8.065	520	523	524	rBV	3432990	4099947	48.15%	2.668%
42	8.133	528	529	531	rBV	397910	317964	3.73%	0.207%
43	8.167	531	532	534	rVB2	672096	609847	7.16%	0.397%
44	8.270	537	541	543	rVB4	1048797	2084820	24.48%	1.357%
45	8.316	543	545	546	rBV2	833957	1344241	15.79%	0.875%
46	8.350	546	548	550	rBV2	569670	912305	10.71%	0.594%
47	8.407	551	553	554	rVB	678922	629237	7.39%	0.410%
48	8.499	558	561	562	rBV2	1220502	2038993	23.95%	1.327%
49	8.533	562	564	566	rBV2	577994	948201	11.14%	0.617%
50	8.579	566	568	571	rVB3	1304494	2008193	23.58%	1.307%
51	8.636	571	573	575	rBV2	677029	861168	10.11%	0.560%
52	8.670	575	576	578	rVB2	953645	733060	8.61%	0.477%
53	8.716	578	580	582	rBV2	1670203	3522297	41.37%	2.292%
54	8.762	582	584	587	rVB	3845932	5289389	62.12%	3.442%
55	8.876	587	594	595	rBV6	2466315	8515126	100.00%	5.542%
56	8.910	595	597	599	rVB2	1318263	2032183	23.87%	1.323%
57	8.956	599	601	602	rBV	1292015	2118925	24.88%	1.379%
58	9.059	605	610	612	rBV5	1096048	3775557	44.34%	2.457%
59	9.093	612	613	615	rVB	1765038	1452889	17.06%	0.946%
60	9.150	615	618	620	rBV	6320293	8206007	96.37%	5.341%
61	9.333	632	634	636	rVB2	915013	1311192	15.40%	0.853%
62	9.390	636	639	640	rBV2	1056463	2191930	25.74%	1.427%
63	9.436	641	643	645	rVV	1467324	2918446	34.27%	1.899%
64	9.539	649	652	654	rVV2	2084443	4931276	57.91%	3.209%
65	9.585	654	656	658	rVV3	1630976	2658608	31.22%	1.730%
66	9.630	658	660	663	rVB4	1191948	1647206	19.34%	1.072%
67	9.813	674	676	678	rVB3	1323792	2195484	25.78%	1.429%
68	9.859	678	680	682	rVV2	591976	1169732	13.74%	0.761%
69	9.905	682	684	686	rVV2	1065340	1095113	12.86%	0.713%
70	9.996	690	692	694	rVB3	1072926	896065	10.52%	0.583%
71	10.133	702	704	706	rVB2	802735	1338348	15.72%	0.871%

LSC Area Percent Report

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.179	706	708	709	rVV2	711012	1223028	14.36%	0.796%
73	10.213	709	711	712	rVV	1574617	1977356	23.22%	1.287%
74	10.248	712	714	719	rVB4	1493813	3455514	40.58%	2.249%
75	10.328	719	721	723	rVB2	2590234	4203152	49.36%	2.735%
76	10.385	723	726	727	rBV3	519621	691429	8.12%	0.450%
77	10.453	729	732	735	rBV5	1555136	2629412	30.88%	1.711%
78	10.510	735	737	740	rVB3	971520	1607780	18.88%	1.046%
79	10.613	744	746	750	rVB2	2974520	4107541	48.24%	2.673%
80	10.693	751	753	754	rVB2	873055	698603	8.20%	0.455%
81	10.739	756	757	759	rVB2	881948	721317	8.47%	0.469%
82	10.819	762	764	765	rBV2	657902	728848	8.56%	0.474%
83	10.968	775	777	780	rVV2	327097	664618	7.81%	0.433%
84	11.025	780	782	786	rVV2	1043514	1583482	18.60%	1.031%
85	11.162	790	794	797	rBV3	628485	1324926	15.56%	0.862%
86	11.276	803	804	805	rBV	287094	278820	3.27%	0.181%
87	11.299	805	806	808	rVB	1377290	1143220	13.43%	0.744%
88	11.516	823	825	827	rBV2	201931	234620	2.76%	0.153%
89	11.711	840	842	844	rVB	460001	575825	6.76%	0.375%
90	11.848	853	854	858	rVB3	372496	467122	5.49%	0.304%
91	12.259	888	890	892	rBV	117537	139770	1.64%	0.091%
92	12.625	920	922	925	rBV	353148	538069	6.32%	0.350%
93	12.831	938	940	942	rBV2	93297	239006	2.81%	0.156%
94	12.888	942	945	947	rVV	3861992	4351489	51.10%	2.832%
95	12.956	947	951	953	rVB3	124972	295615	3.47%	0.192%
96	13.162	967	969	971	rVB2	95614	134962	1.58%	0.088%
97	13.928	1033	1036	1038	rBV	901640	858431	10.08%	0.559%
98	14.568	1083	1092	1095	rBV9	126425	722859	8.49%	0.470%
99	15.334	1156	1159	1161	rBV	761580	1023030	12.01%	0.666%
100	16.237	1235	1238	1243	rVB	61519	126369	1.48%	0.082%

Sum of corrected areas: 153654086

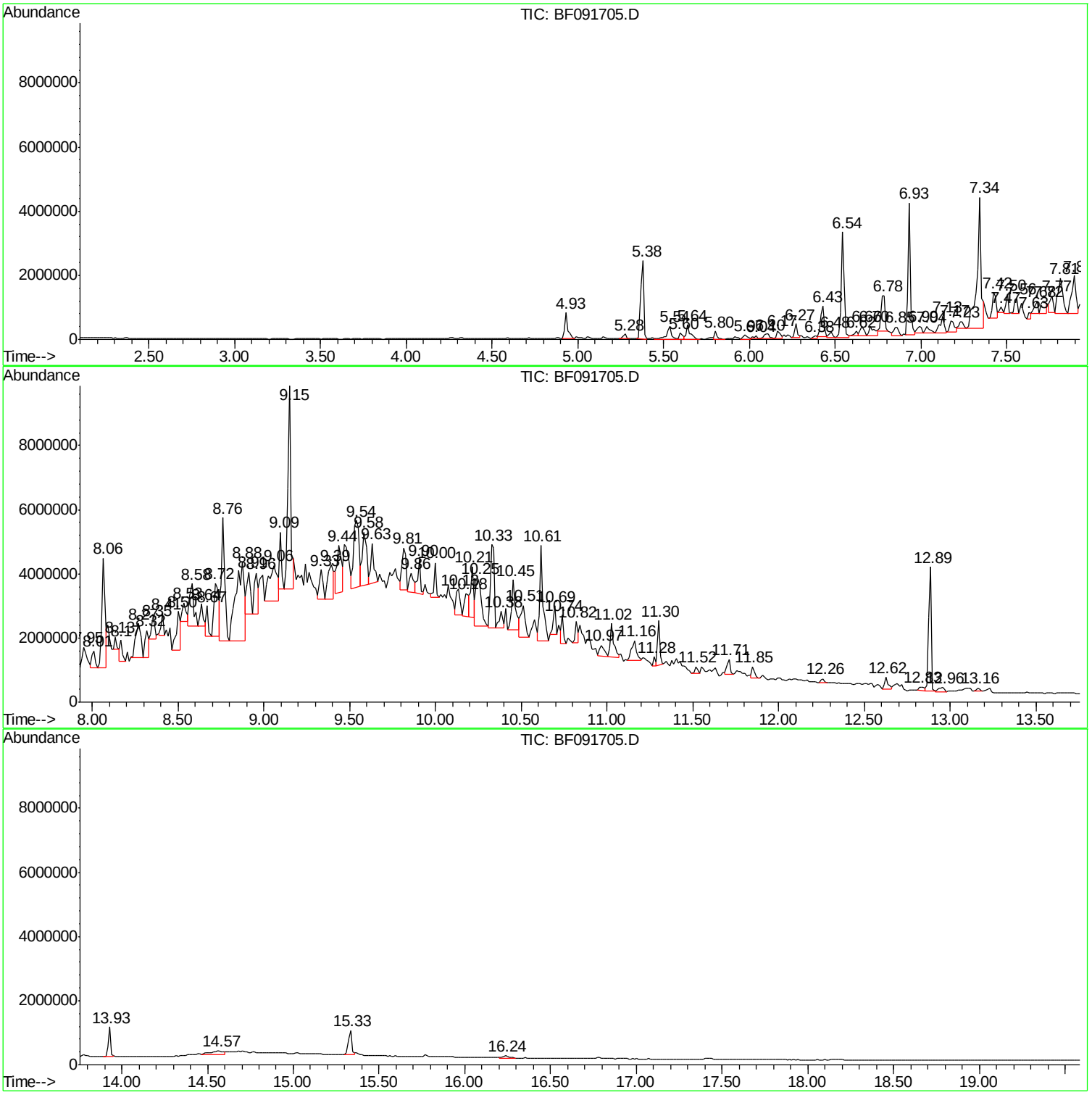
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091705.D
Acq On : 17 Dec 2016 7:21
Operator : UM/SJ
Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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 : BF091705.D
Acq On : 17 Dec 2016 7:21
Operator : UM/SJ
Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

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

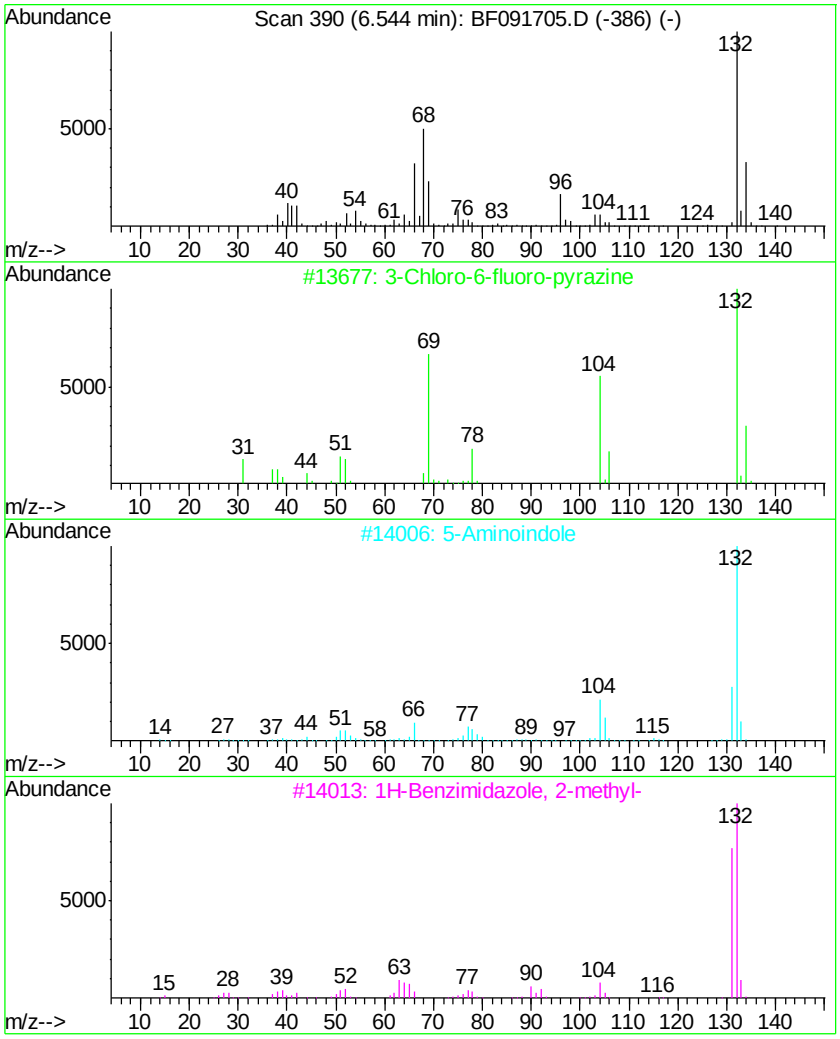
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

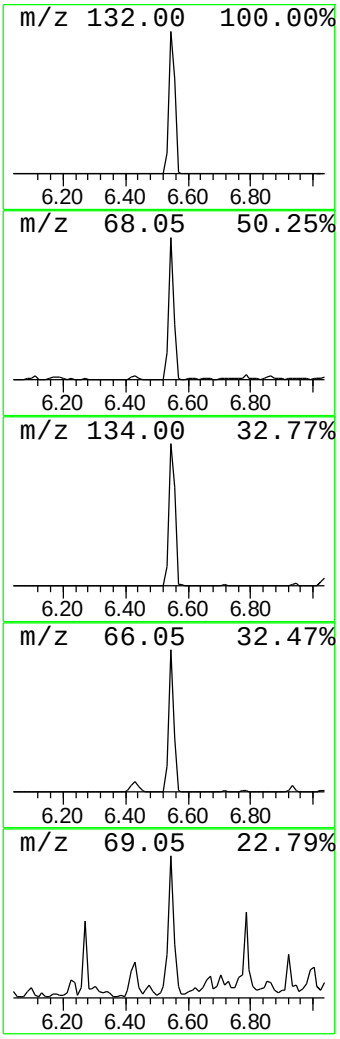
****

Peak Number 1 unknown6.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	49.73 ng	4120800	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	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091705.D
Acq On : 17 Dec 2016 7:21
Operator : UM/SJ
Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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

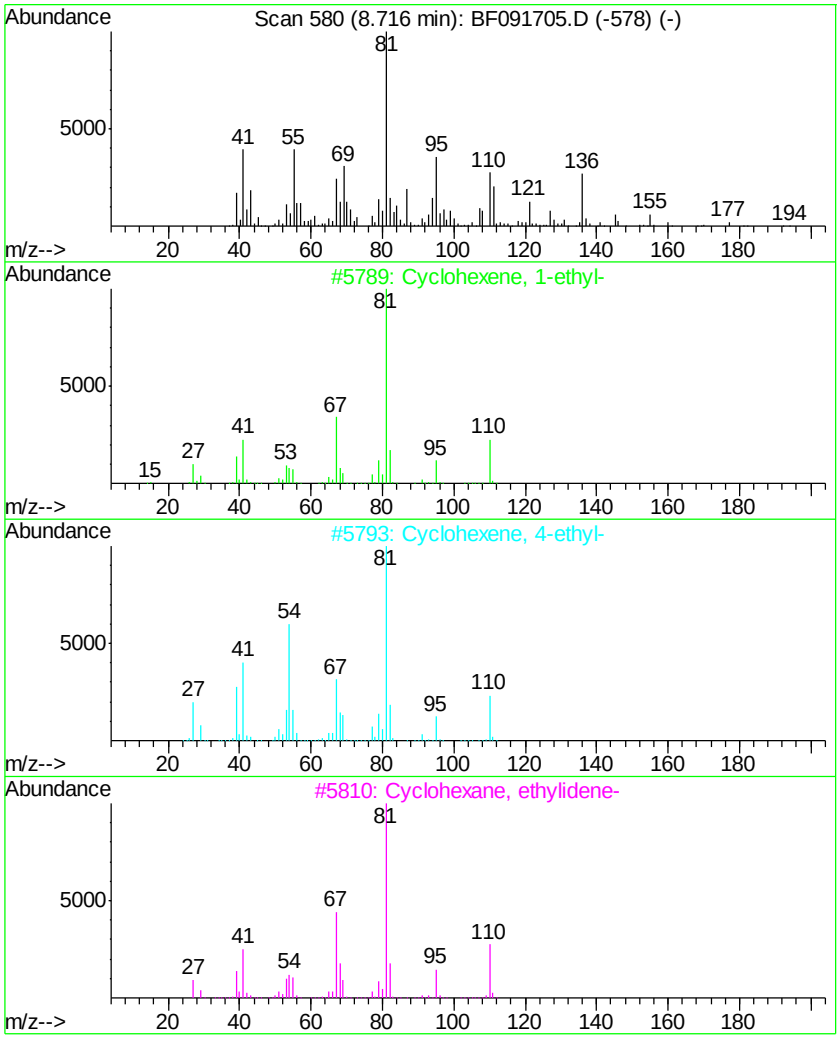
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

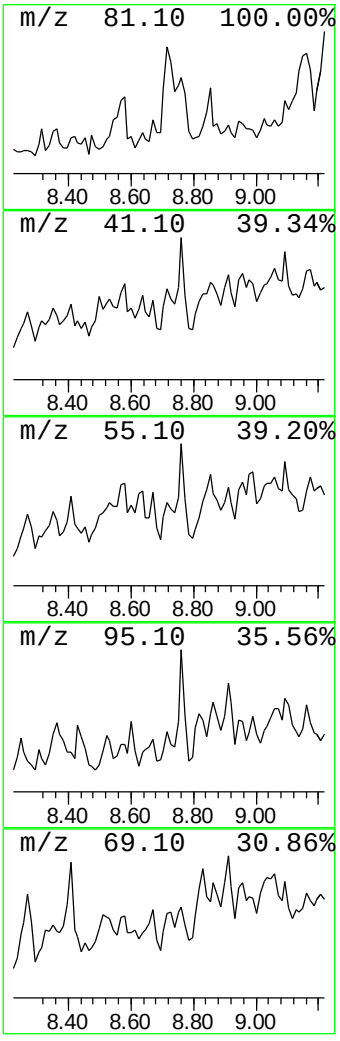
****

Peak Number 3 unknown8.72 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	17.18 ng	3522300	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	43
2	Cyclohexene, 4-ethyl-	110	C8H14	003742-42-5	43
3	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	38
4	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	38
5	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	38





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Sample : H6091-01
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Instrument : BNA_F
ClientSampleId : MW-09

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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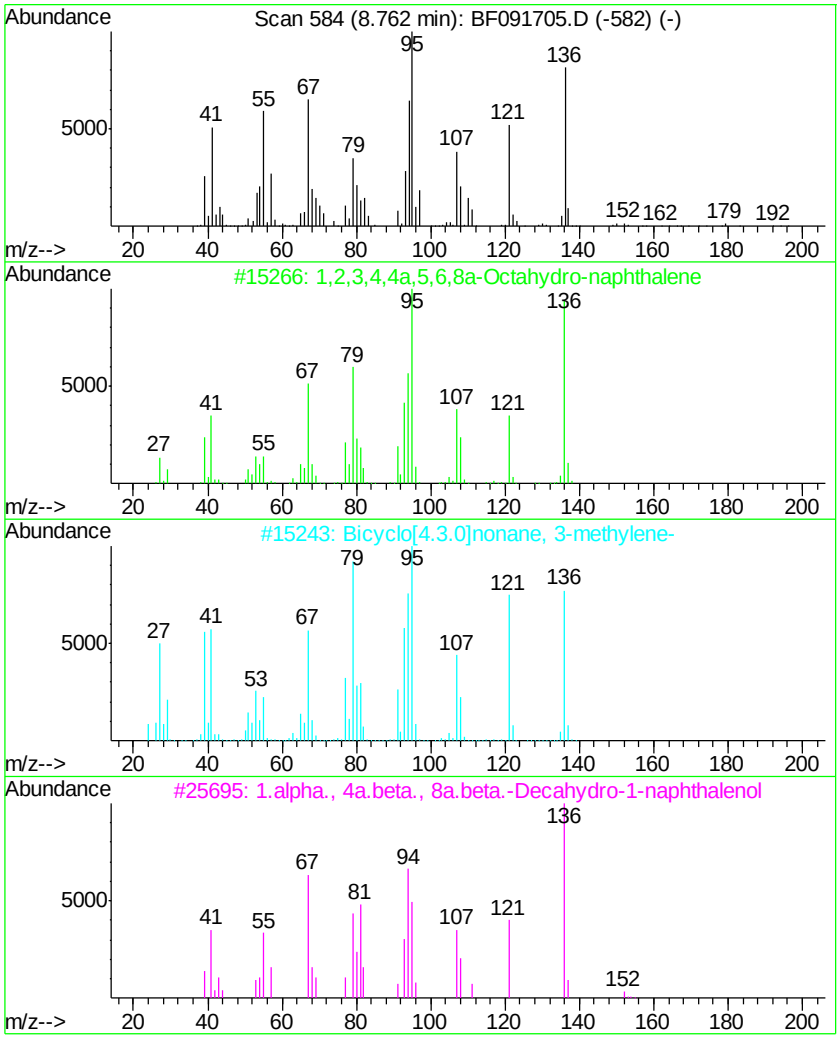
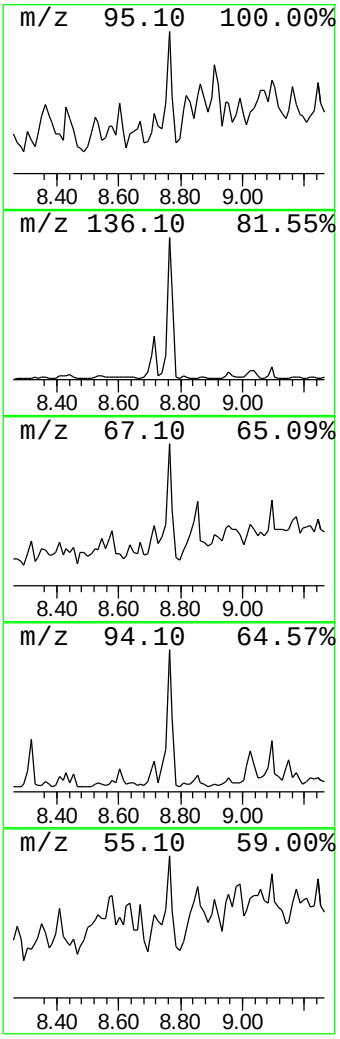
Peak Number 4 1,2,3,4,4a,5,6,8a-Octahydro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	25.80 ng	5289390	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	90
2	Bicyclo[4.3.0]nonane, 3-methylene-	136	C10H16	1000152-00-6	83
3	1.alpha., 4a.beta., 8a.beta.-Dec...	154	C10H18O	002529-05-7	83
4	1.alpha., 4a.beta., 8a.alpha.-De...	154	C10H18O	036159-47-4	83
5	2-Naphthalenol, decahydro-	154	C10H18O	000825-51-4	74





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Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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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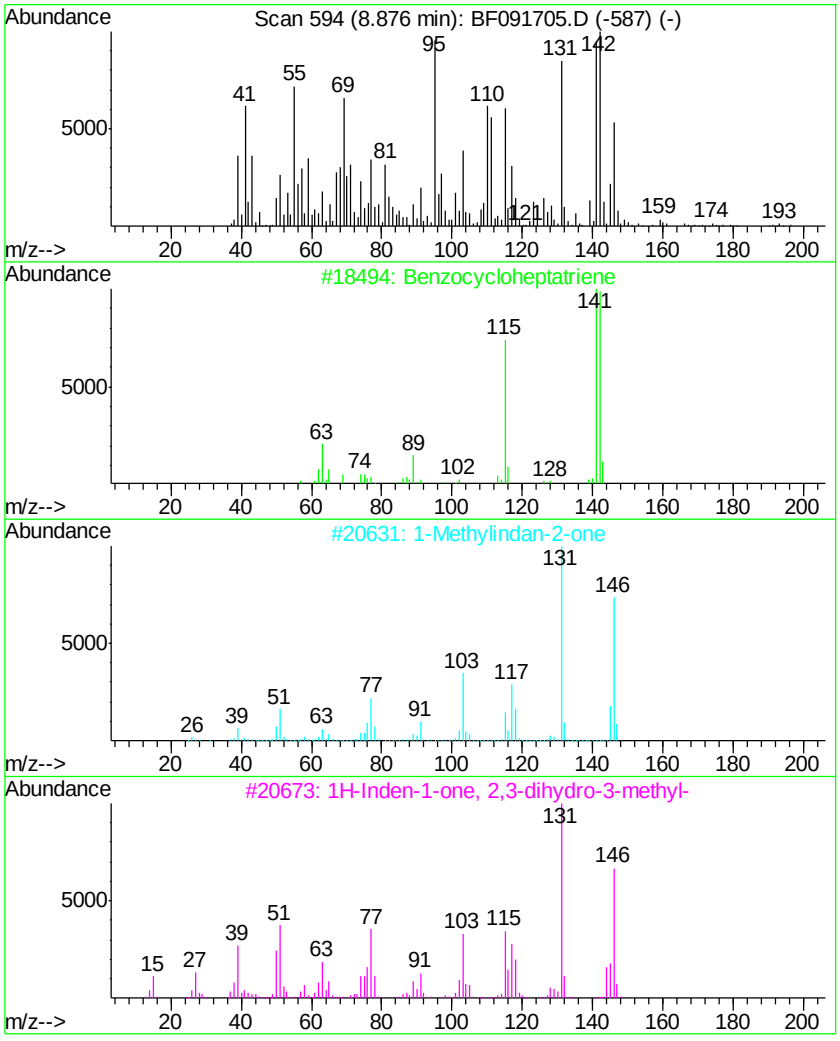
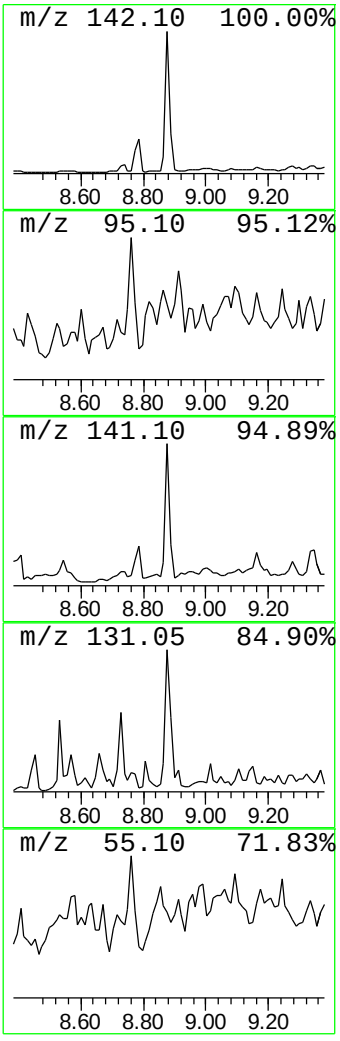
Peak Number 5 Benzocycloheptatriene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	41.54 ng	8515130	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	91
2	1-Methylindan-2-one	146	C10H10O	035587-60-1	76
3	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	60
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	60
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	48





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Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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

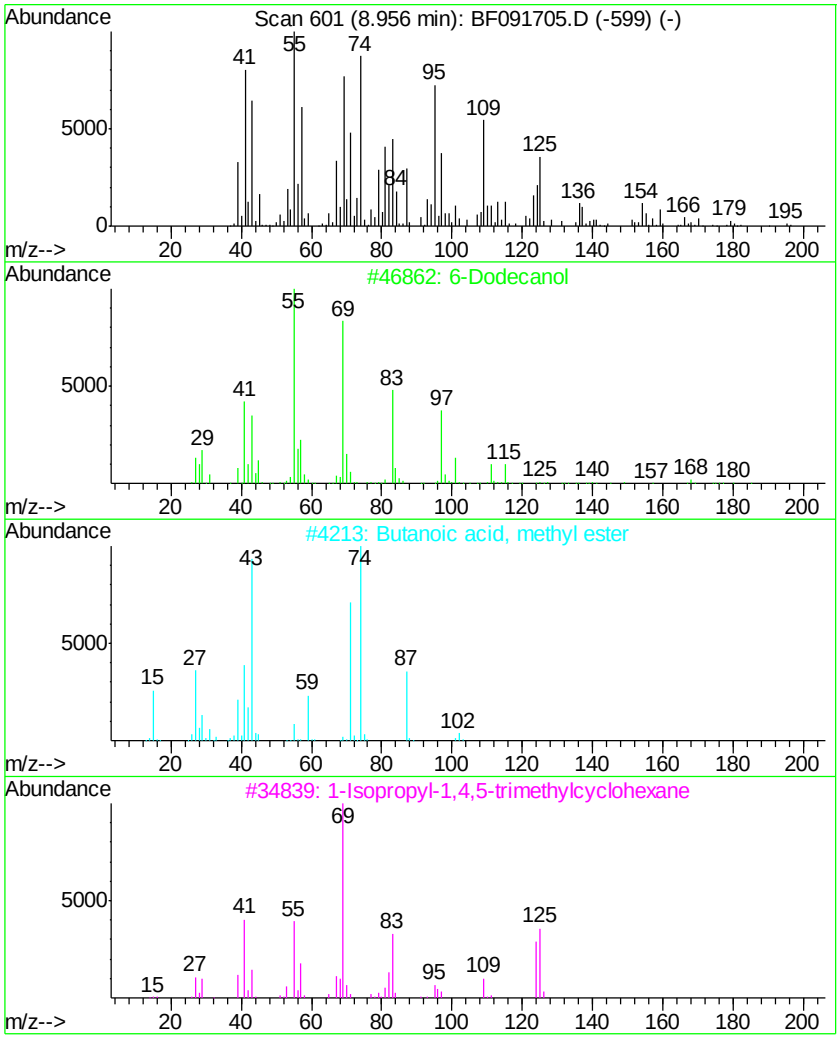
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

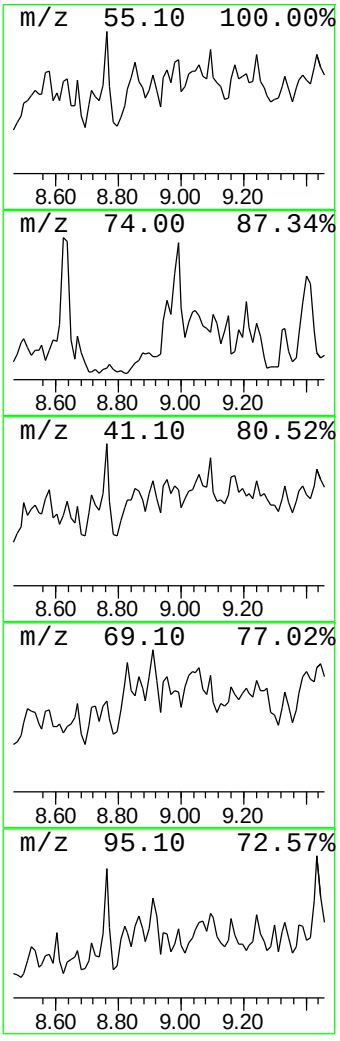
****

Peak Number 6 unknown8.96 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	19.30 ng	2118930	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Dodecanol	186	C12H26O	006836-38-0	25
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	25
3	1-Isopropyl-1,4,5-trimethylcyclo...	168	C12H24	219783-06-9	22
4	2-Propenoic acid, 2-methyl-, 1-m...	128	C7H12O2	004655-34-9	15
5	Methanamine, 1,1-bis(2,2-dimethy...	231	C13H29NO2	004909-78-8	14





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Data File : BF091705.D
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Operator : UM/SJ
Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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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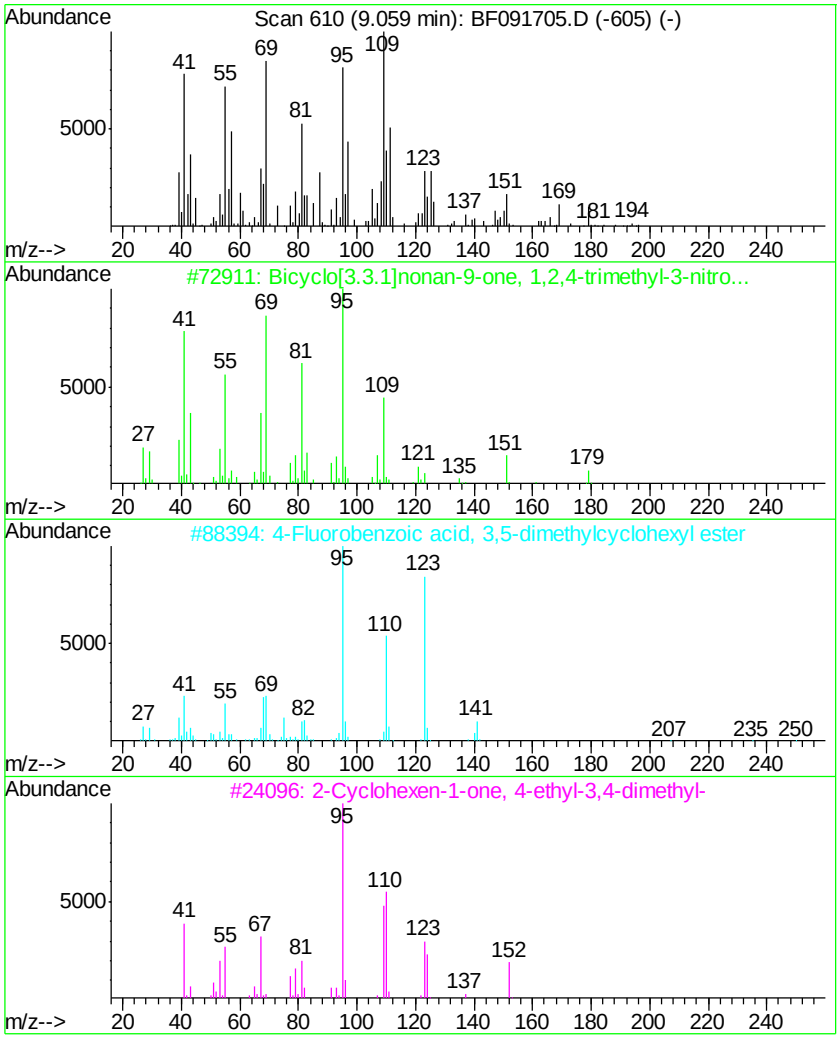
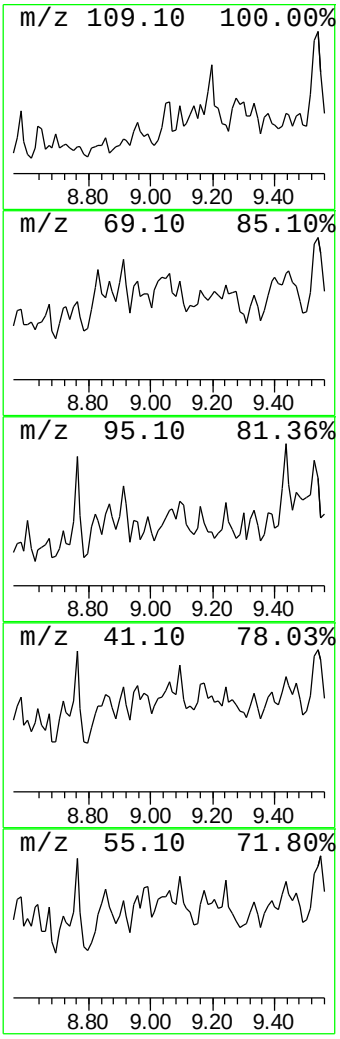
Peak Number 7 unknown9.06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	34.39 ng	3775560	Acenaphthene-d10	9.82

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	30
2	4-Fluorobenzoic acid, 3,5-dimeth...	250	C15H19FO2	1000279-07-3	22
3	2-Cyclohexen-1-one, 4-ethyl-3,4-...	152	C10H16O	017622-46-7	22
4	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	22
5	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	18





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Data File : BF091705.D
Acq On : 17 Dec 2016 7:21
Operator : UM/SJ
Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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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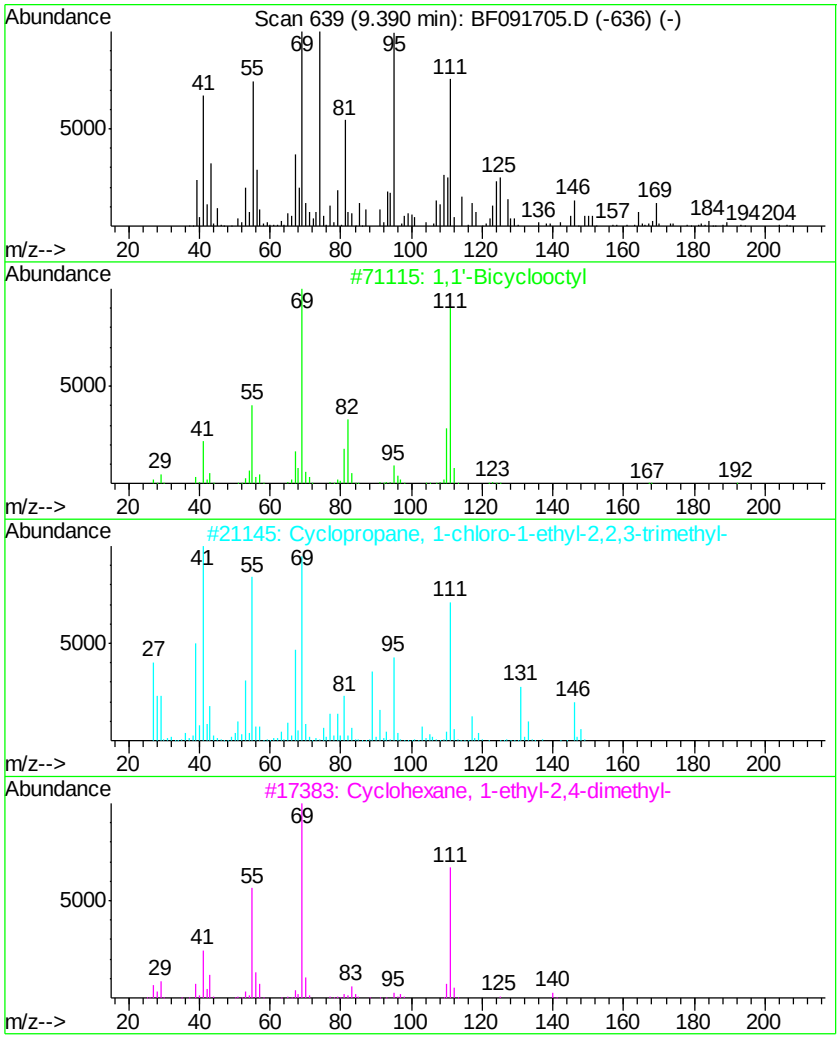
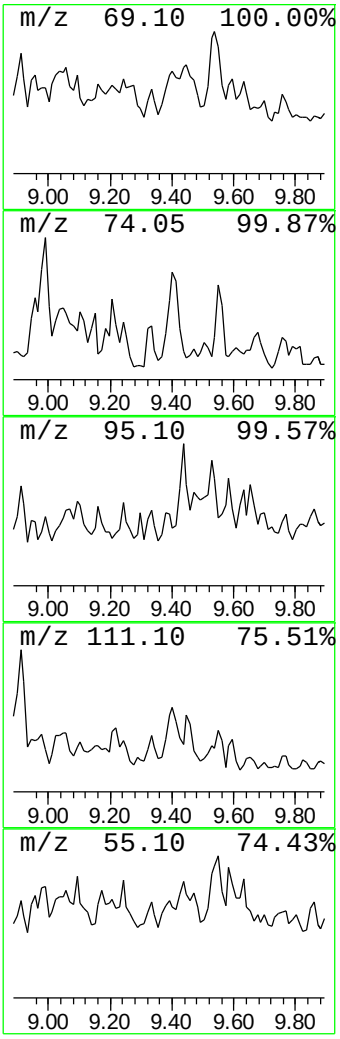
Peak Number 8 unknown9.39 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	19.97 ng	2191930	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	35
2	Cyclopropane, 1-chloro-1-ethyl-2...	146	C8H15Cl	061142-56-1	27
3	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	27
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	27
5	1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	14





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Acq On : 17 Dec 2016 7:21
Operator : UM/SJ
Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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
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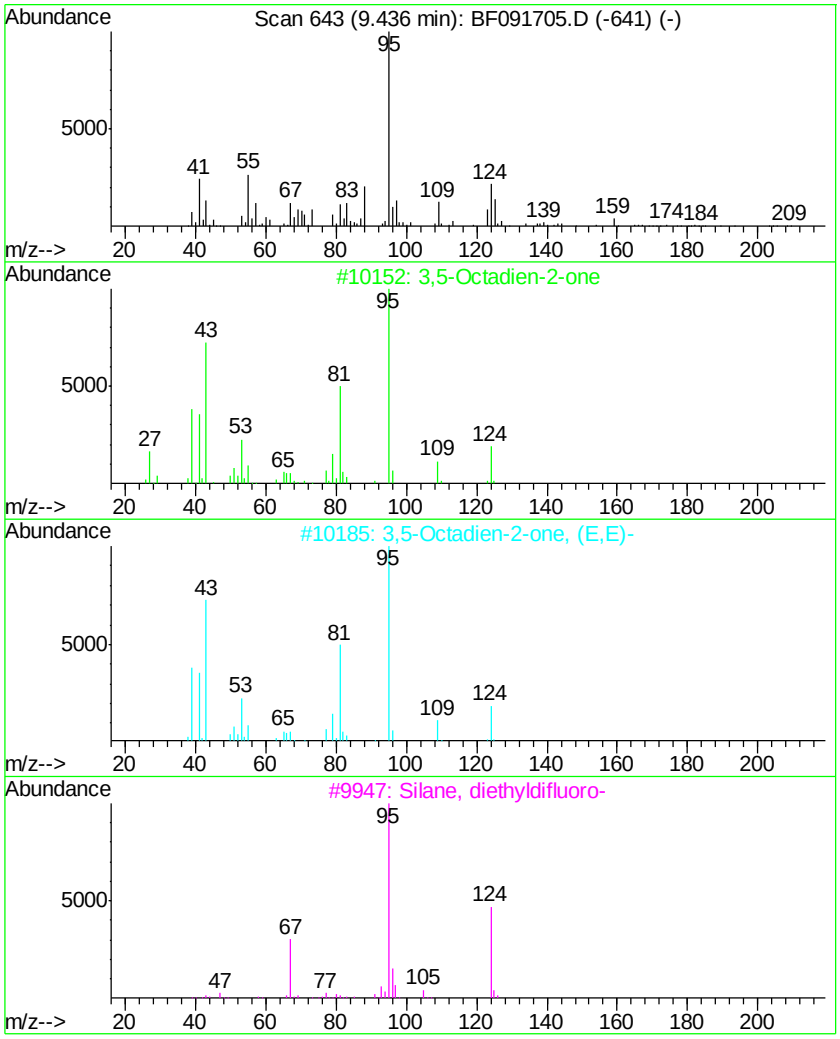
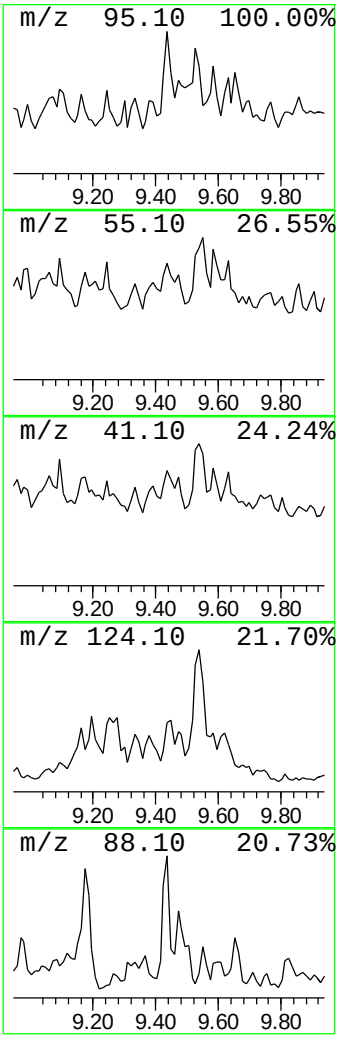
Peak Number 9 3,5-Octadien-2-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	26.59 ng	2918450	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Octadien-2-one	124	C8H12O	038284-27-4	53
2	3,5-Octadien-2-one, (E,E)-	124	C8H12O	030086-02-3	53
3	Silane, diethyldifluoro-	124	C4H10F2Si	000358-06-5	47
4	Cyclohexene, 1-methyl-3-(1-methy...	138	C10H18	013828-31-4	43
5	2-Trichloromethyl-1-bicyclo[2.2....	212	C8H11Cl3	090086-53-6	43





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Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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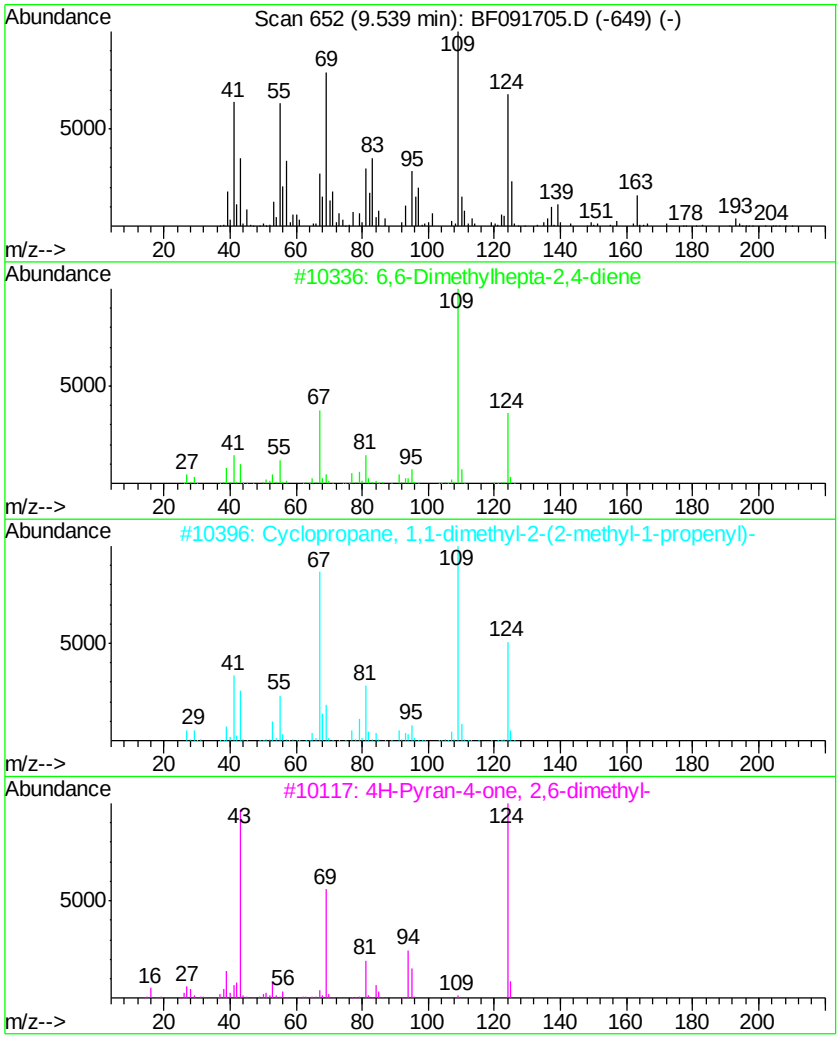
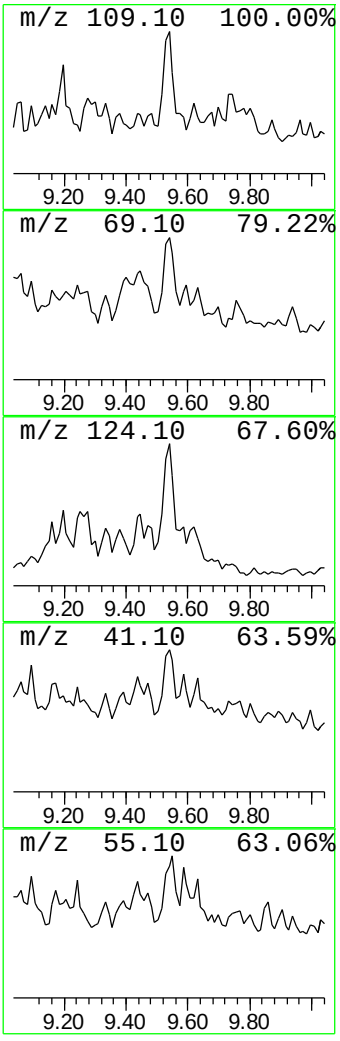
Peak Number 10 unknown9.54 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	44.92 ng	4931280	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	38
2	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	033422-32-1	38
3	4H-Pyran-4-one, 2,6-dimethyl-	124	C7H8O2	001004-36-0	38
4	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	35
5	1,3-Heptadiene, 2,3-dimethyl-	124	C9H16	074779-65-0	35





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Acq On : 17 Dec 2016 7:21
Operator : UM/SJ
Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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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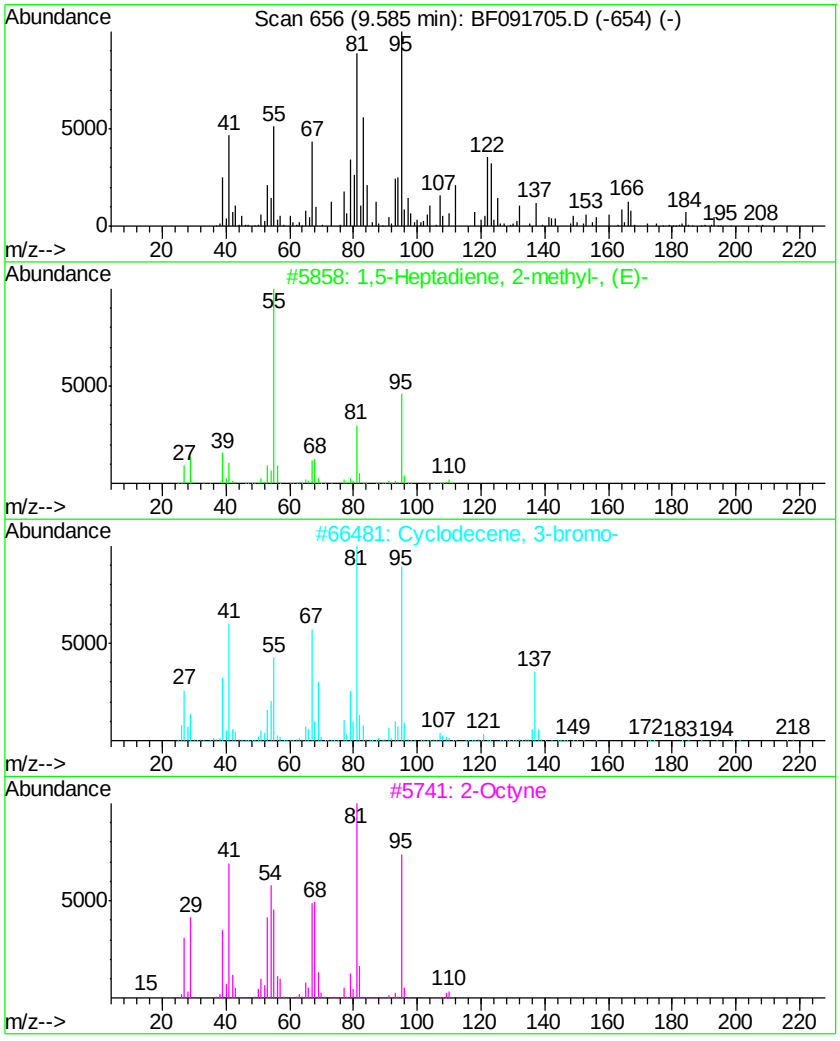
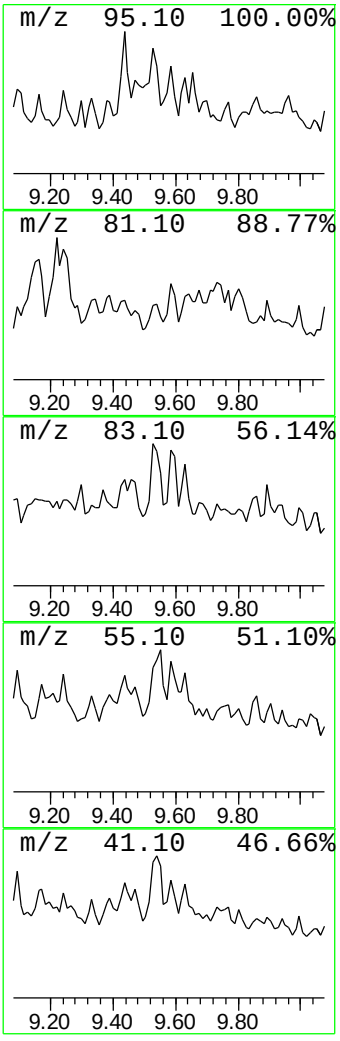
Peak Number 11 unknown9.58 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	24.22 ng	2658610	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Heptadiene, 2-methyl-, (E)-	110	C8H14	041044-63-7	43
2	Cyclodecene, 3-bromo-	216	C10H17Br	056325-56-5	43
3	2-Octyne	110	C8H14	002809-67-8	35
4	Bicyclo[2.2.1]heptane-2,3-dione,...	166	C10H14O2	010334-26-6	35
5	Santolina epoxide	152	C10H16O	060485-45-2	30





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Acq On : 17 Dec 2016 7:21
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Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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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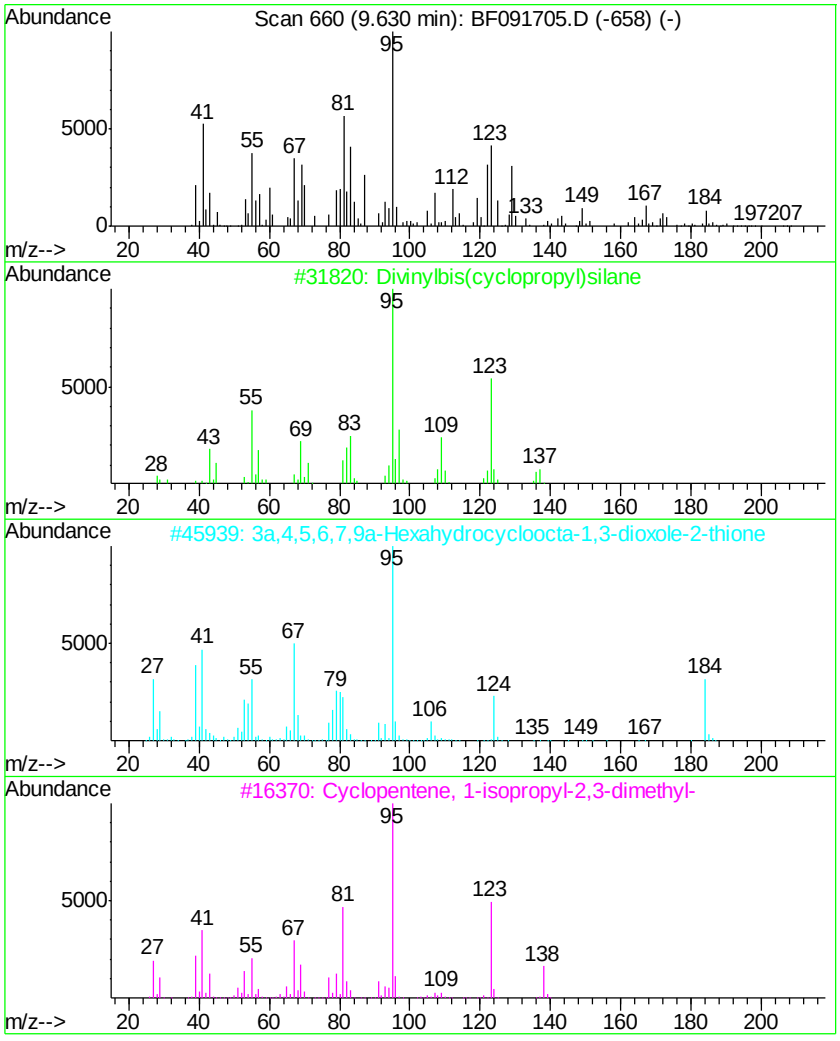
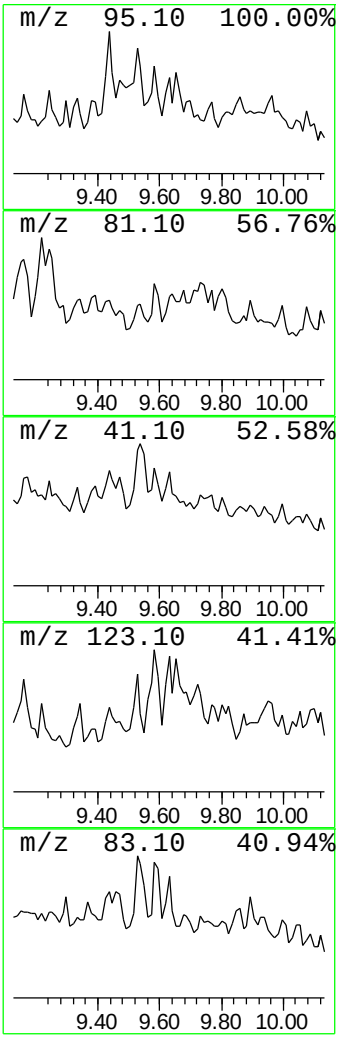
Peak Number 12 unknown9.63 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	15.01 ng	1647210	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	38
2	3a,4,5,6,7,9a-Hexahydrocycloocta...	184	C9H12O2S	1000211-01-1	38
3	Cyclopentene, 1-isopropyl-2,3-di...	138	C10H18	007712-73-4	35
4	Cyclohexanol, 2-methyl-5-(1-meth...	156	C10H20O	003127-80-8	25
5	5-Methyl-2-ethenyl-cyclohexane-1...	168	C10H16O2	1000144-53-6	18





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Acq On : 17 Dec 2016 7:21
Operator : UM/SJ
Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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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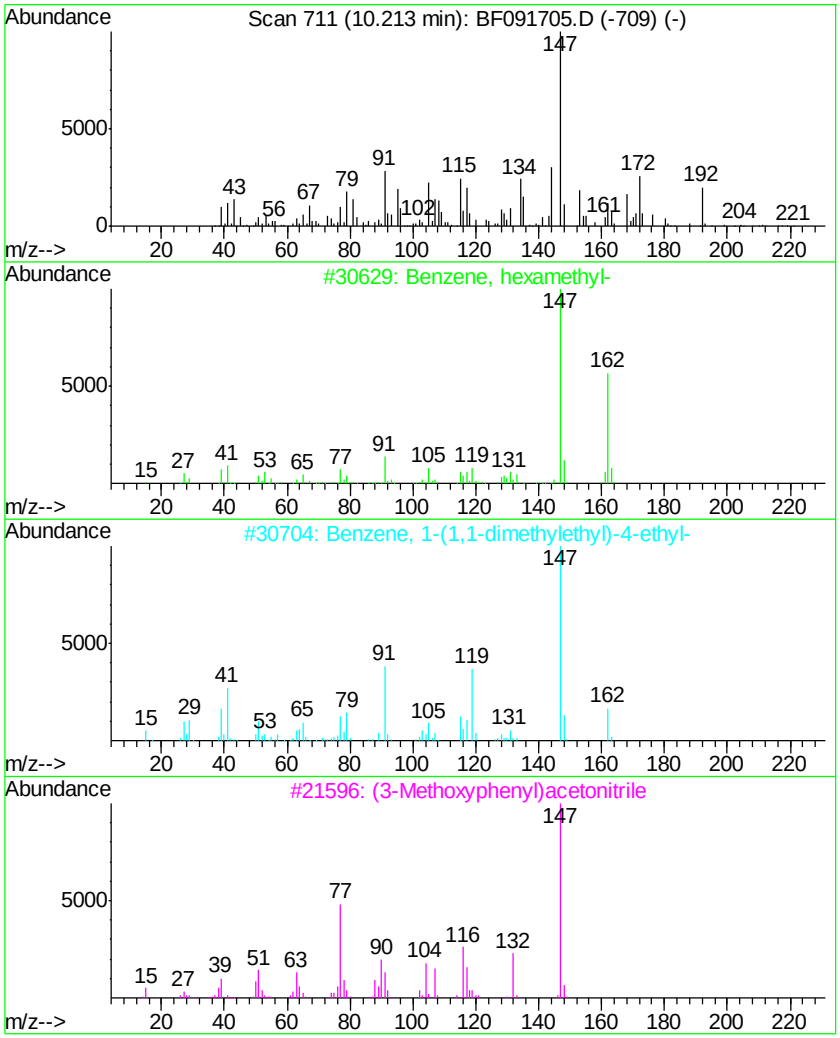
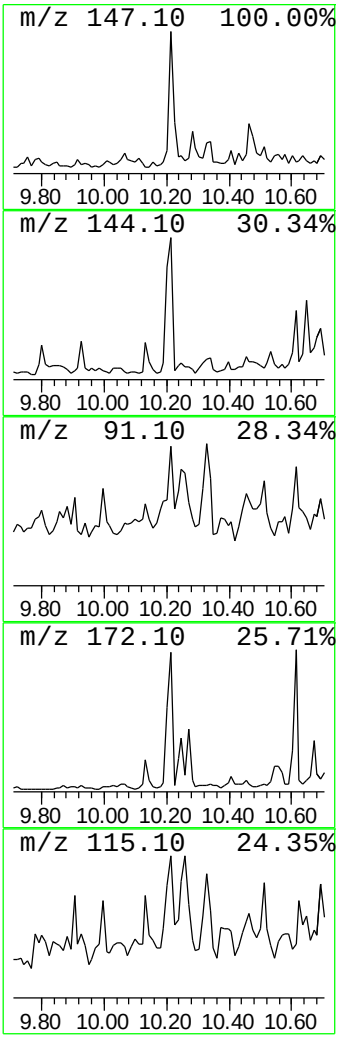
Peak Number 13 unknown10.21 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	18.01 ng	1977360	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, hexamethyl-	162	C12H18	000087-85-4	38
2	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	38
3	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	38
4	Ethanone, 1,1'-(1,4-phenylene)bis-	162	C10H10O2	001009-61-6	27
5	2,2,4,4-Tetramethyl-2,4-disilath...	162	C5H14SSi2	091521-58-3	27





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Operator : UM/SJ
Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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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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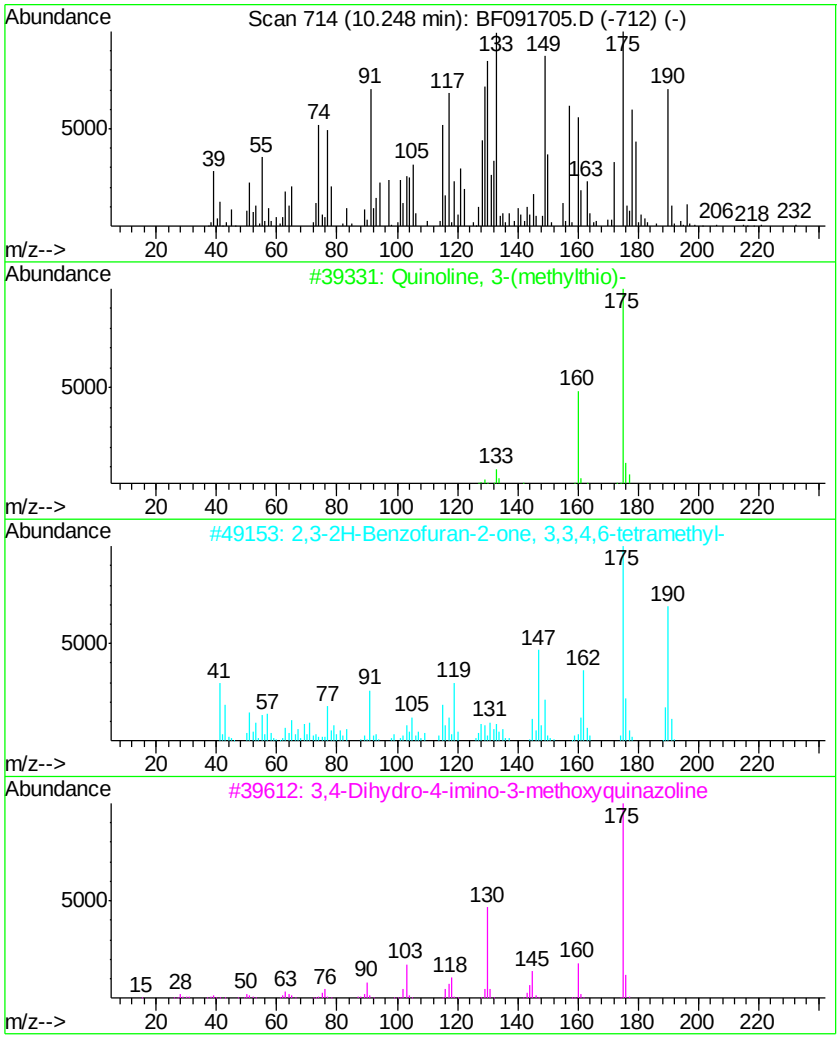
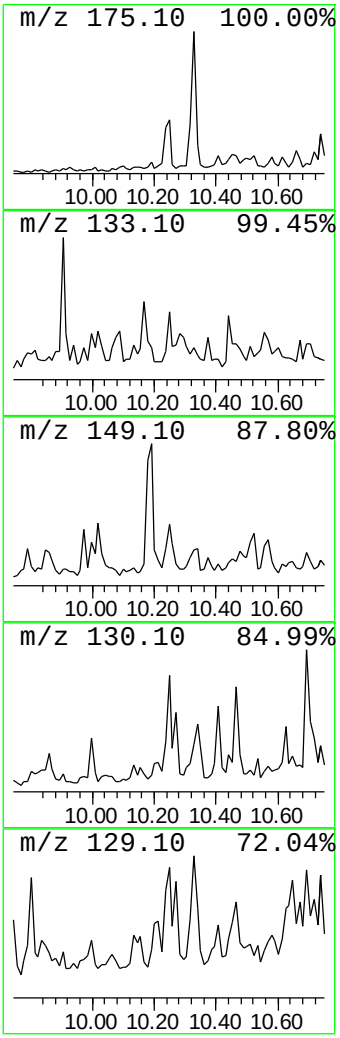
Peak Number 14 unknown10.25 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	31.48 ng	3455510	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 3-(methylthio)-	175	C10H9NS	051934-46-4	30
2	2,3-2H-Benzofuran-2-one, 3,3,4,6...	190	C12H14O2	086562-99-4	15
3	3,4-Dihydro-4-imino-3-methoxyqui...	175	C9H9N3O	015018-64-1	14
4	2-Acetyl-4-methylbenzo(b)thiophene	190	C11H10OS	001467-88-5	11
5	Benzo[b]thiophene, 2,3-diethyl-	190	C12H14S	054789-20-7	11





Library Search Compound Report

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Data File : BF091705.D
Acq On : 17 Dec 2016 7:21
Operator : UM/SJ
Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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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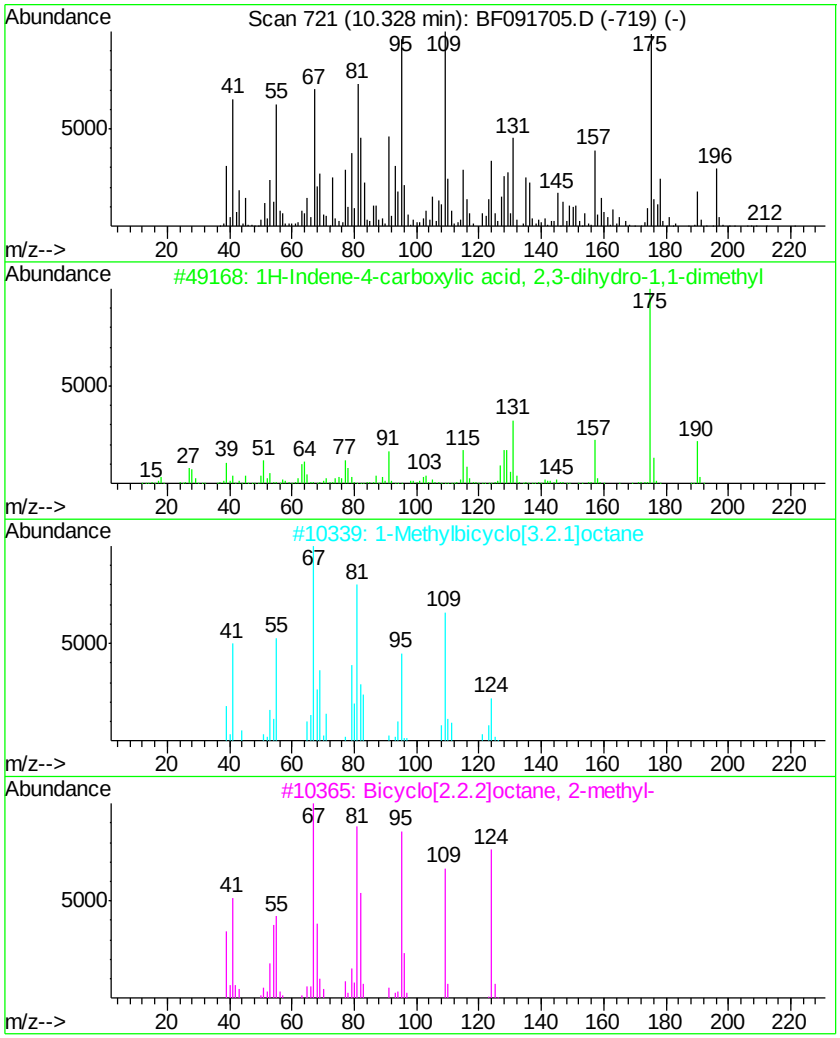
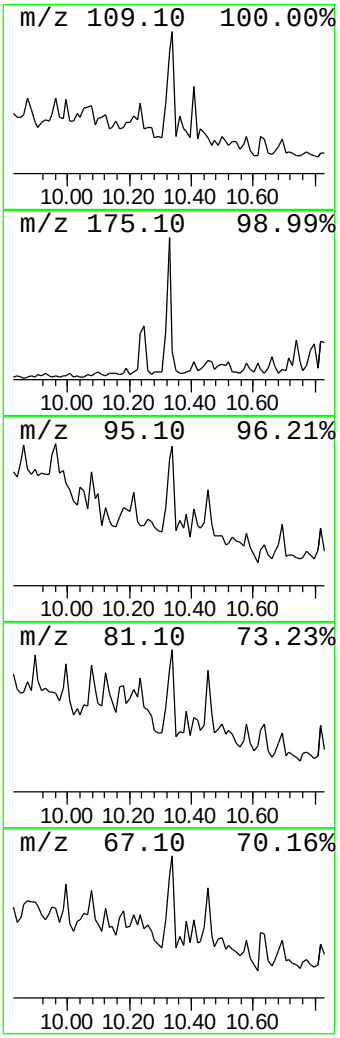
Peak Number 15 unknown10.33 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	38.29 ng	4203150	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-4-carboxylic acid, 2,3...	190	C12H14O2	055712-38-4	46
2	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	38
3	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	30
4	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	30
5	7-Thiabicyclo[4.1.0]heptane, 1-m...	128	C7H12S	007272-23-3	25





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
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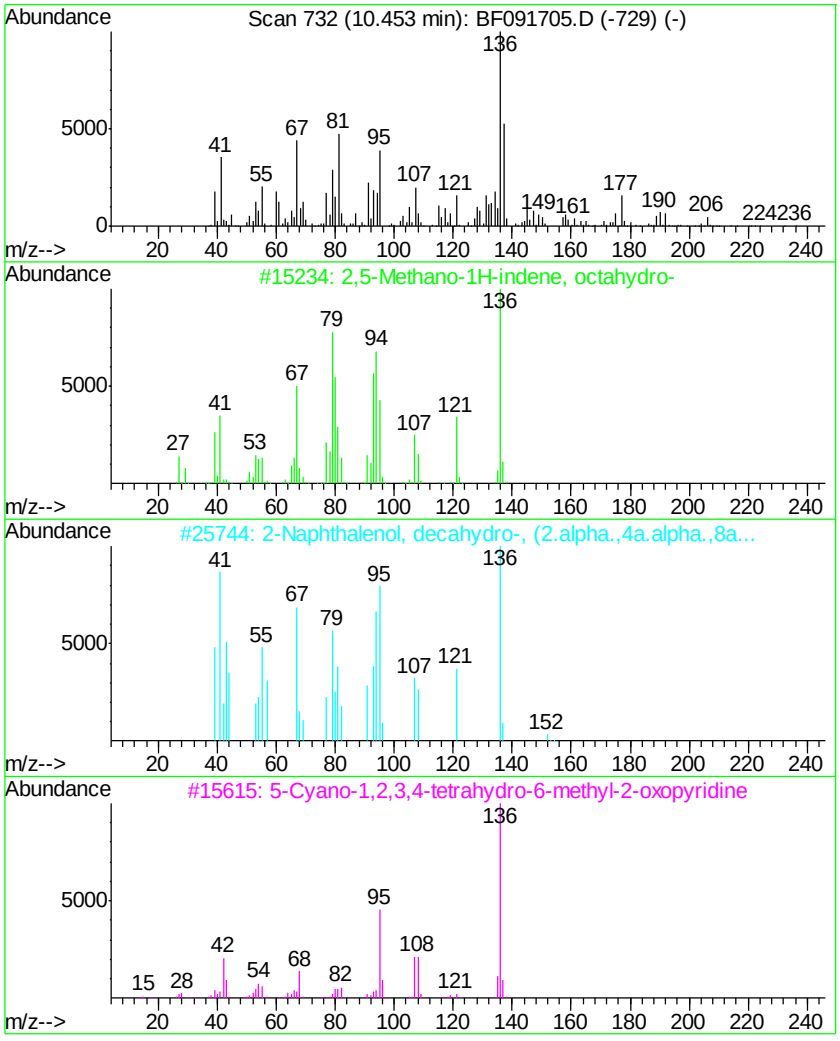
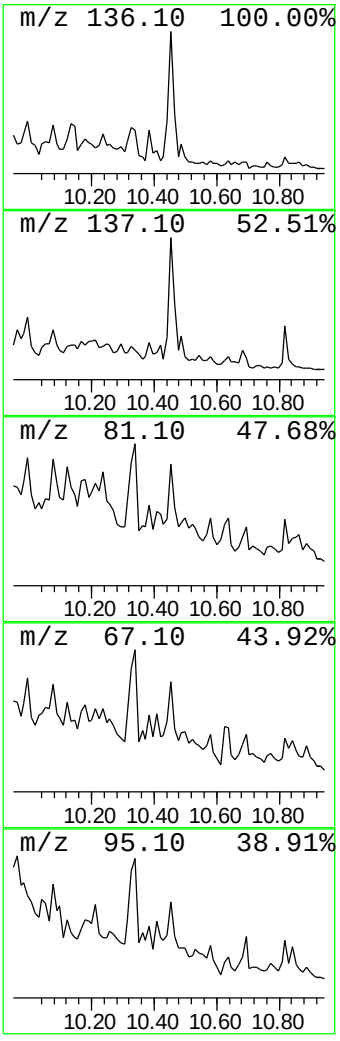
Peak Number 16 2,5-Methano-1H-indene, octa... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	23.95 ng	2629410	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Methano-1H-indene, octahydro-	136	C10H16	019026-94-9	64
2	2-Naphthalenol, decahydro-, (2.a...	154	C10H18O	002529-06-8	53
3	5-Cyano-1,2,3,4-tetrahydro-6-met...	136	C7H8N2O	027036-90-4	49
4	11-Azabicyclo[4.4.2]dodec-11-ene...	209	C13H23NO	056744-12-8	43
5	Bicyclo[3.2.2]non-6-en-3-one	136	C9H12O	1000072-31-7	38





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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
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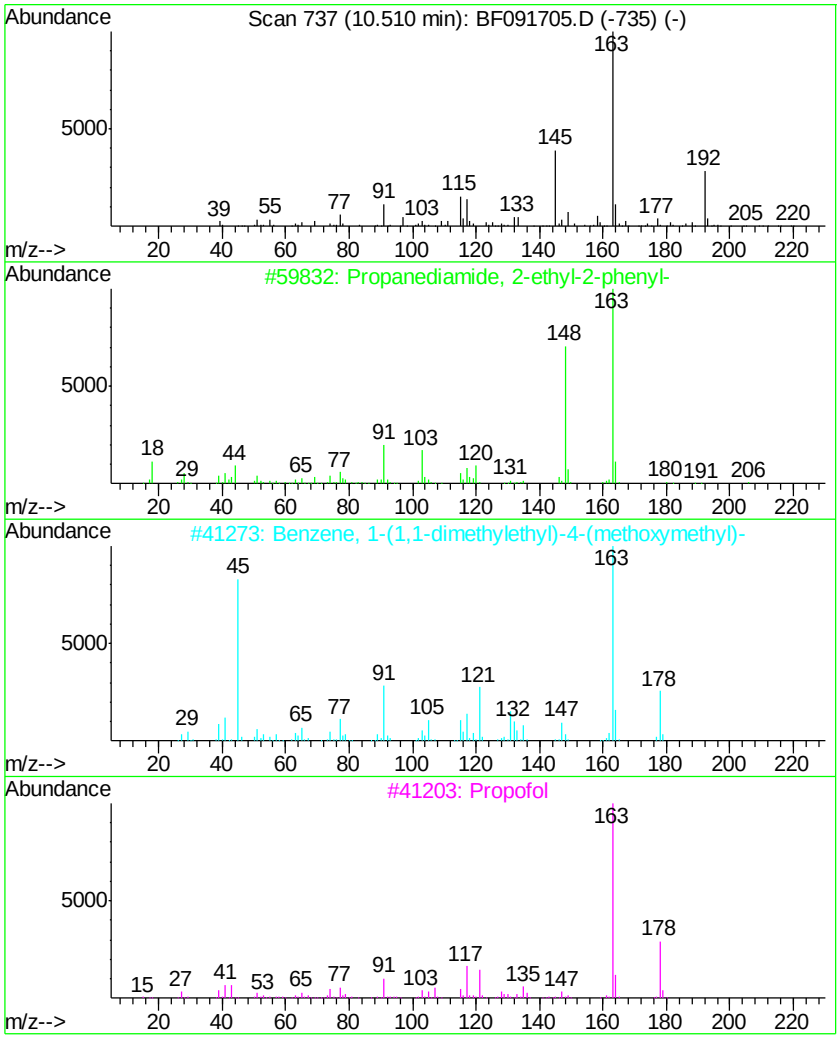
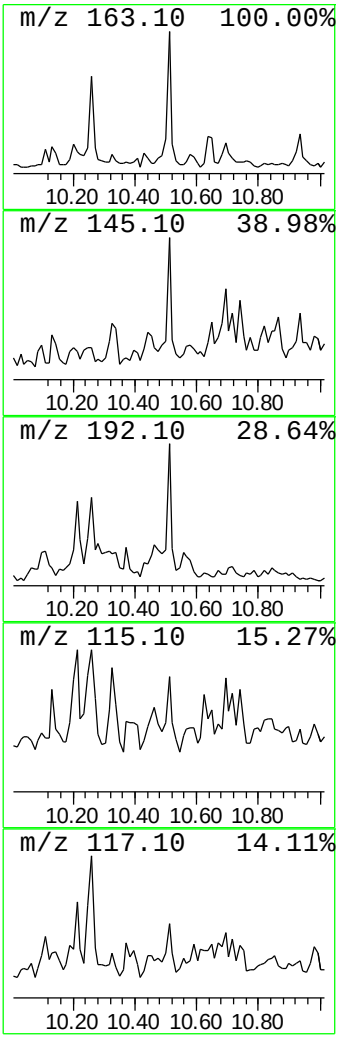
Peak Number 17 unknown10.51 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	14.65 ng	1607780	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanediamide, 2-ethyl-2-phenyl-	206	C11H14N2O2	007206-76-0	25
2	Benzene, 1-(1,1-dimethylethyl)-4...	178	C12H18O	003395-87-7	25
3	Propofol	178	C12H18O	002078-54-8	25
4	Ethanone, 1-[4-(1-hydroxy-1-meth...	178	C11H14O2	054549-72-3	23
5	1,3-Dioxolane, 2-(bromomethyl)-2...	256	C11H13BrO2	024169-43-5	23





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Data File : BF091705.D
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Operator : UM/SJ
Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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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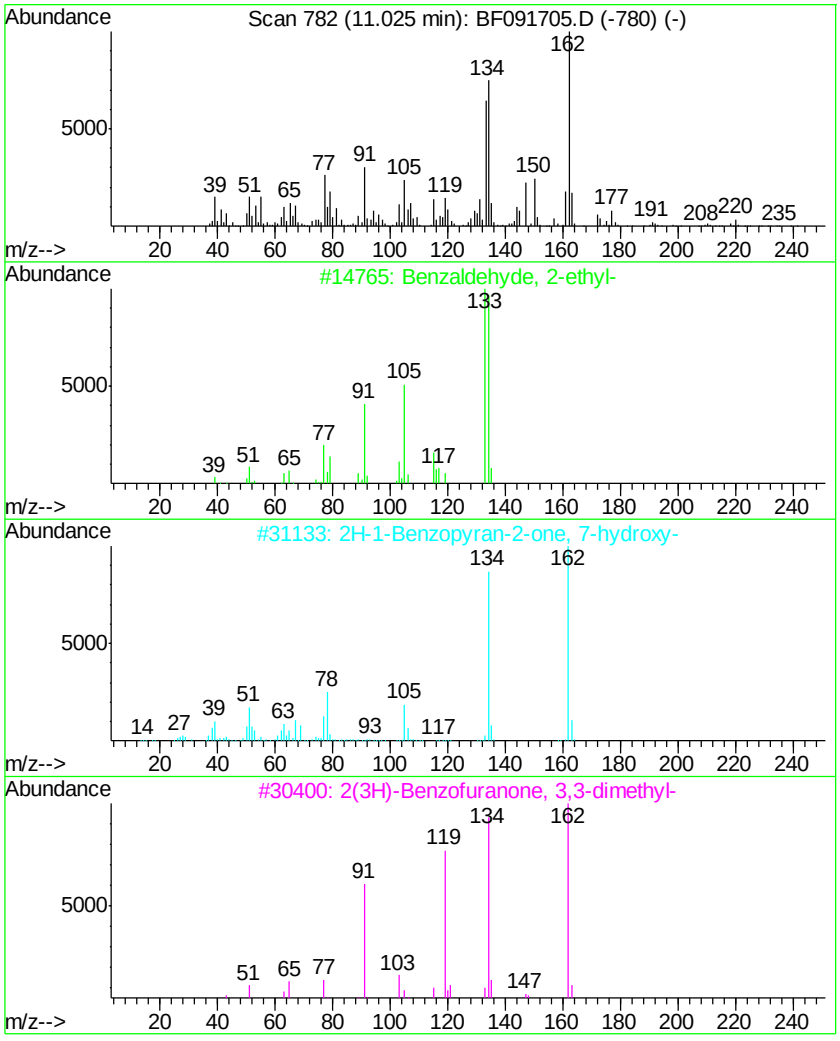
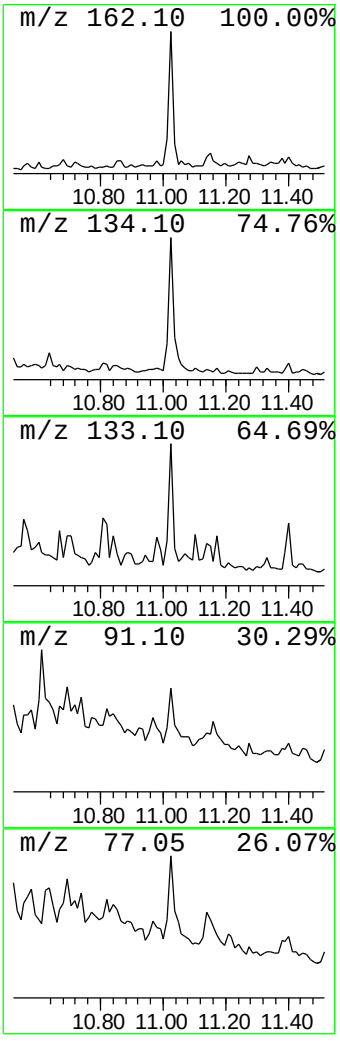
Peak Number 18 Benzaldehyde, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	27.70 ng	1583480	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2-ethyl-	134	C9H10O	022927-13-5	81
2	2H-1-Benzopyran-2-one, 7-hydroxy-	162	C9H6O3	000093-35-6	60
3	2(3H)-Benzofuranone, 3,3-dimethyl-	162	C10H10O2	013524-76-0	58
4	2,3-2H-Benzofuran-2-one, 4,6-dim...	162	C10H10O2	033901-25-6	53
5	Benzaldehyde, 2-hydroxy-3-(2-pro...	162	C10H10O2	024019-66-7	49





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Data File : BF091705.D
Acq On : 17 Dec 2016 7:21
Operator : UM/SJ
Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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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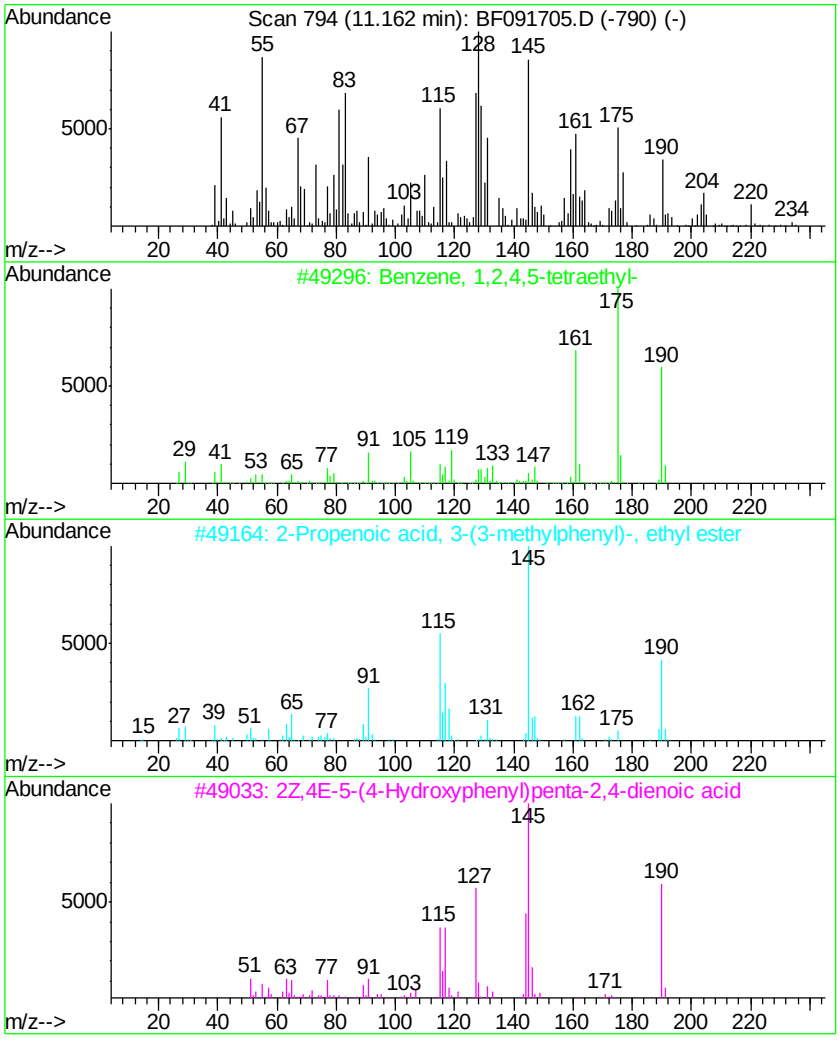
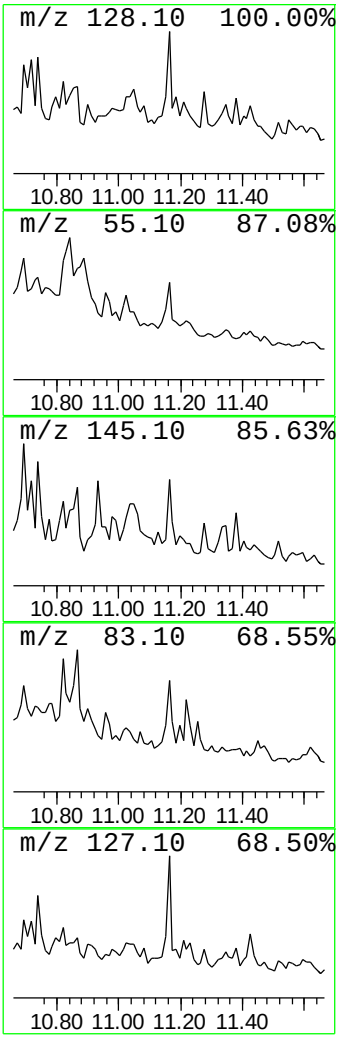
Peak Number 19 unknown11.16 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	23.18 ng	1324930	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetraethyl-	190	C14H22	000635-81-4	38
2	2-Propenoic acid, 3-(3-methylphe...	190	C12H14O2	050556-03-1	25
3	2Z,4E-5-(4-Hydroxyphenyl)penta-2...	190	C11H10O3	1000137-43-2	25
4	Cinnamic acid, .beta.-methyl-, e...	190	C12H14O2	000945-93-7	20
5	3-Acetyl-N-methyl-tomatidine	471	C30H49NO3	1000256-74-2	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091705.D
Acq On : 17 Dec 2016 7:21
Operator : UM/SJ
Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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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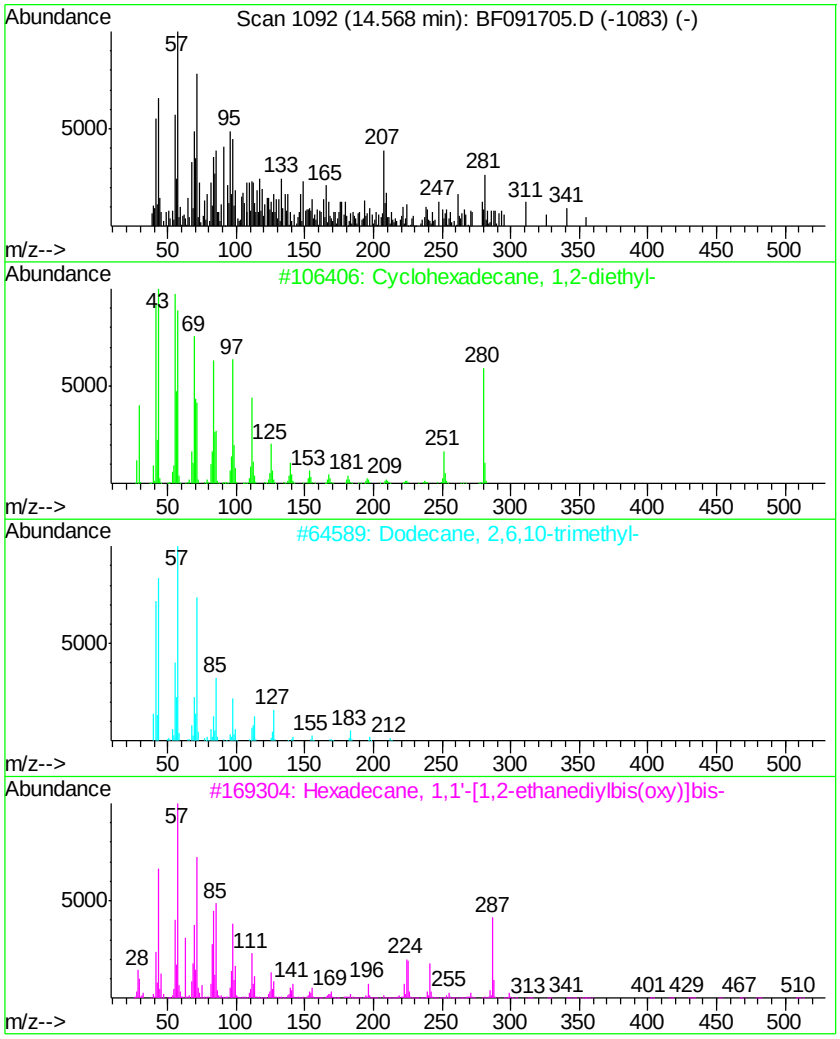
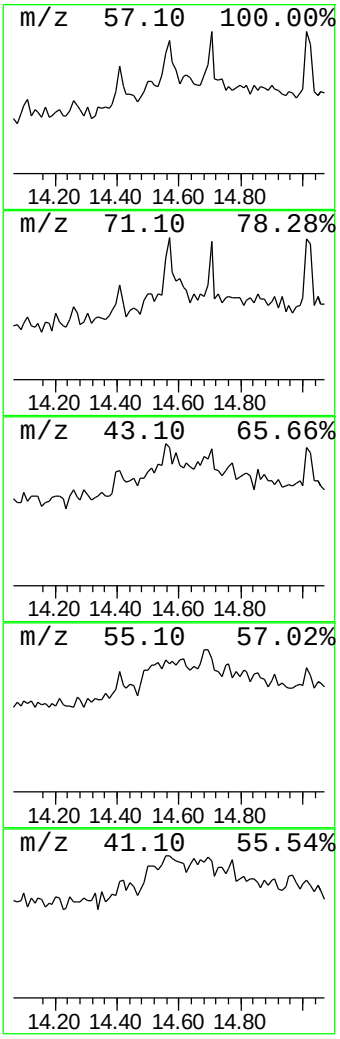
Peak Number 20 Cyclohexadecane, 1,2-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	16.84 ng	722859	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	56
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	46
3	Hexadecane, 1,1'-[1,2-ethanediyl...	511	C34H70O2	017367-09-8	43
4	Cyclohexane, (1-octylnonyl)-	322	C23H46	055124-77-1	43
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091705.D
Acq On : 17 Dec 2016 7:21
Operator : UM/SJ
Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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	49.7	ng	4120800	1	6.77	1657330	20.0
unknown8.72	8.72	17.2	ng	3522300	2	8.06	4099950	20.0
1,2,3,4,4a,5,6,8a...	8.76	25.8	ng	5289390	2	8.06	4099950	20.0
Benzocycloheptatr...	8.88	41.5	ng	8515130	2	8.06	4099950	20.0
unknown8.96	8.96	19.3	ng	2118930	3	9.82	2195480	20.0
unknown9.06	9.06	34.4	ng	3775560	3	9.82	2195480	20.0
unknown9.39	9.39	20.0	ng	2191930	3	9.82	2195480	20.0
3,5-Octadien-2-one	9.44	26.6	ng	2918450	3	9.82	2195480	20.0
unknown9.54	9.54	44.9	ng	4931280	3	9.82	2195480	20.0
unknown9.58	9.58	24.2	ng	2658610	3	9.82	2195480	20.0
unknown9.63	9.63	15.0	ng	1647210	3	9.82	2195480	20.0
unknown10.21	10.21	18.0	ng	1977360	3	9.82	2195480	20.0
unknown10.25	10.25	31.5	ng	3455510	3	9.82	2195480	20.0
unknown10.33	10.33	38.3	ng	4203150	3	9.82	2195480	20.0
2,5-Methano-1H-in...	10.45	23.9	ng	2629410	3	9.82	2195480	20.0
unknown10.51	10.51	14.7	ng	1607780	3	9.82	2195480	20.0
Benzaldehyde, 2-e...	11.02	27.7	ng	1583480	4	11.30	1143220	20.0
unknown11.16	11.16	23.2	ng	1324930	4	11.30	1143220	20.0
Cyclohexadecane, ...	14.57	16.8	ng	722859	5	13.93	858431	20.0