LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091792.D
Acq On : 20 Dec 2016 00:04
Operator : UM/SJ
Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

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-BF121716.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	4.247	186	189	192	rBV2	92088	129191	1.73%	0.086%
2	4.921	245	248	252	rBV	1072952	1321141	17.69%	0.875%
3	5.356	283	286	289	rBV	3456376	3427589	45.89%	2.270%
4	5.516	299	300	304	rVB2	97277	109341	1.46%	0.072%
5	5.790	318	324	328	rBV4	131963	330749	4.43%	0.219%
6	5.950	337	338	342	rBV3	79353	136318	1.82%	0.090%
7	6.030	342	345	347	rVV3	77122	146657	1.96%	0.097%
8	6.076	347	349	353	rVB3	77015	146014	1.95%	0.097%
9	6.247	363	364	366	rBV	171415	228815	3.06%	0.152%
10	6.327	369	371	372	rBV	118915	88432	1.18%	0.059%
11	6.362	372	374	375	rBV	145041	229166	3.07%	0.152%
12	6.407	375	378	381	rBV2	1702832	3073062	41.14%	2.035%
13	6.453	381	382	386	rVB	213082	270029	3.62%	0.179%
14	6.533	386	389	391	rBV	5224650	5825679	77.99%	3.857%
15	6.579	391	393	394	rVB	132966	130358	1.75%	0.086%
16	6.602	394	395	397	rBV	130409	105187	1.41%	0.070%
17	6.636	397	398	401	rVB3	152097	189934	2.54%	0.126%
18	6.716	401	405	407	rBV4	346584	730552	9.78%	0.484%
19	6.762	407	409	410	rBV	1328599	1538565	20.60%	1.019%
20	6.785	410	411	415	rVB2	226902	311553	4.17%	0.206%
21	6.842	415	416	418	rVB	215931	191138	2.56%	0.127%
22	6.922	420	423	424	rVB	3839126	5172912	69.25%	3.425%
23	6.956	424	426	429	rBV2	425577	814407	10.90%	0.539%
24	7.047	432	434	436	rVB2	240196	370891	4.97%	0.246%
25	7.093	436	438	439	rBV	181191	303287	4.06%	0.201%
26	7.116	439	440	442	rVB	337019	323428	4.33%	0.214%
27	7.173	442	445	446	rBV2	555408	822924	11.02%	0.545%
28	7.207	446	448	451	rVB3	334660	507044	6.79%	0.336%
29	7.276	451	454	456	rBV	1112473	1212664	16.23%	0.803%
30	7.333	456	459	460	rBV	3354483	4723637	63.24%	3.128%
31	7.356	460	461	462	rVB	498230	341786	4.58%	0.226%
32	7.379	462	463	465	rBV2	168440	260623	3.49%	0.173%
33	7.413	465	466	470	rVB4	607288	1079459	14.45%	0.715%
34	7.493	470	473	475	rBV3	358656	580211	7.77%	0.384%

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Operator : UM/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : MW-29

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.539	475	477	479	rVB2	316890	326004	4.36%	0.216%
36	7.573	479	480	482	rVB2	291796	397159	5.32%	0.263%
37	7.630	482	485	486	rBV	756067	992005	13.28%	0.657%
38	7.665	486	488	489	rBV	237305	254278	3.40%	0.168%
39	7.722	489	493	496	rVB4	831509	1764996	23.63%	1.169%
40	7.767	496	497	499	rBV2	645688	1128146	15.10%	0.747%
41	7.870	503	506	509	rBV3	1031976	2763751	37.00%	1.830%
42	7.939	509	512	513	rVB2	523013	577689	7.73%	0.383%
43	7.985	515	516	519	rVB3	426309	643529	8.62%	0.426%
44	8.042	519	521	525	rBV3	2205937	5011766	67.10%	3.318%
45	8.145	529	530	533	rBV2	591697	958102	12.83%	0.634%
46	8.190	533	534	535	rBV	241371	329170	4.41%	0.218%
47	8.225	535	537	538	rBV	942672	1054529	14.12%	0.698%
48	8.270	538	541	543	rBV4	594621	1431601	19.17%	0.948%
49	8.316	543	545	550	rBV5	287291	780090	10.44%	0.517%
50	8.396	550	552	553	rVB	546030	456520	6.11%	0.302%
51	8.430	553	555	557	rVB2	1015473	1615967	21.63%	1.070%
52	8.499	557	561	562	rBV3	905524	2120673	28.39%	1.404%
53	8.533	562	564	565	rBV	1561021	2067893	27.68%	1.369%
54	8.648	570	574	577	rBV5	989395	3194754	42.77%	2.115%
55	8.705	577	579	580	rBV2	623645	1115091	14.93%	0.738%
56	8.750	580	583	586	rVB3	2920572	5653746	75.69%	3.744%
57	8.830	586	590	591	rBV	3013786	5861796	78.48%	3.881%
58	8.853	591	592	595	rVB	1437788	2091479	28.00%	1.385%
59	8.922	595	598	600	rBV2	1088350	2914769	39.02%	1.930%
60	9.093	610	613	614	rBV3	1058830	2246116	30.07%	1.487%
61	9.128	614	616	618	rBV	3578644	4075636	54.56%	2.699%
62	9.162	618	619	620	rBV	1381368	1150928	15.41%	0.762%
63	9.482	644	647	652	rVB4	2537710	7469529	100.00%	4.946%
64	9.585	652	656	658	rBV3	2575371	6877184	92.07%	4.554%
65	9.631	658	660	661	rVB	976718	1344158	18.00%	0.890%
66	9.802	672	675	677	rVB2	2624450	4191180	56.11%	2.775%
67	9.848	677	679	681	rBV2	1177215	2322762	31.10%	1.538%
68	9.985	689	691	693	rBV2	1149015	2142746	28.69%	1.419%
69	10.031	693	695	698	rVB3	1220068	1555269	20.82%	1.030%
70	10.373	721	725	727	rBV	3339258	5819174	77.91%	3.853%
71	10.453	730	732	733	rVV	1146121	1793767	24.01%	1.188%

LSC Area Percent Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.488	733	735	737	rVV	1296960	1753358	23.47%	1.161%
73	10.533	738	739	743	rVB2	1247789	1841879	24.66%	1.220%
74	10.602	743	745	748	rVB2	3642383	5744332	76.90%	3.803%
75	10.659	748	750	753	rBV3	1092026	2305276	30.86%	1.526%
76	10.716	753	755	757	rBV3	1180719	1799879	24.10%	1.192%
77	10.808	760	763	765	rBV	1403773	2295247	30.73%	1.520%
78	10.842	765	766	767	rBV	1209155	1228275	16.44%	0.813%
79	11.174	793	795	797	rVB3	914558	1048892	14.04%	0.695%
80	11.288	803	805	807	rVV	1811227	1756195	23.51%	1.163%
81	11.356	809	811	814	rVB2	457226	557205	7.46%	0.369%
82	11.836	851	853	857	rVB3	606062	760678	10.18%	0.504%
83	11.962	863	864	865	rBV	156785	120634	1.62%	0.080%
84	12.602	918	920	923	rVB2	212061	279793	3.75%	0.185%
85	12.865	940	943	946	rBV	4552633	4864614	65.13%	3.221%
86	13.757	1019	1021	1030	rVB	157051	272837	3.65%	0.181%
87	13.905	1032	1034	1037	rVB	1461020	1339405	17.93%	0.887%
88	14.545	1088	1090	1096	rVB	126010	157300	2.11%	0.104%
89	14.751	1106	1108	1111	rVB	81067	118541	1.59%	0.078%
90	15.300	1154	1156	1159	rBV	724748	1117266	14.96%	0.740%

Sum of corrected areas: 151028301

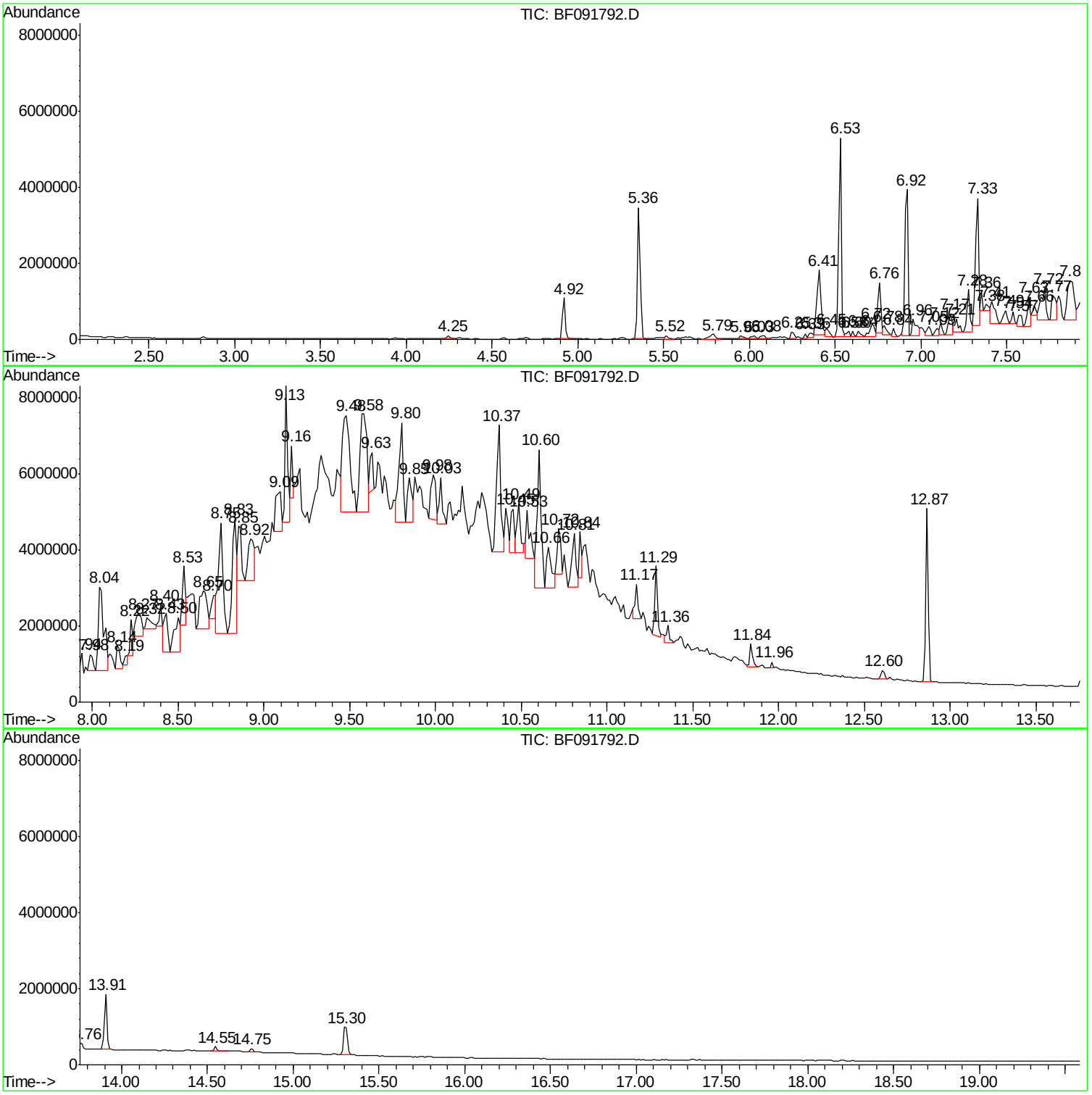
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091792.D
Acq On : 20 Dec 2016 00:04
Operator : UM/SJ
Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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\BF121916\
Data File : BF091792.D
Acq On : 20 Dec 2016 00:04
Operator : UM/SJ
Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

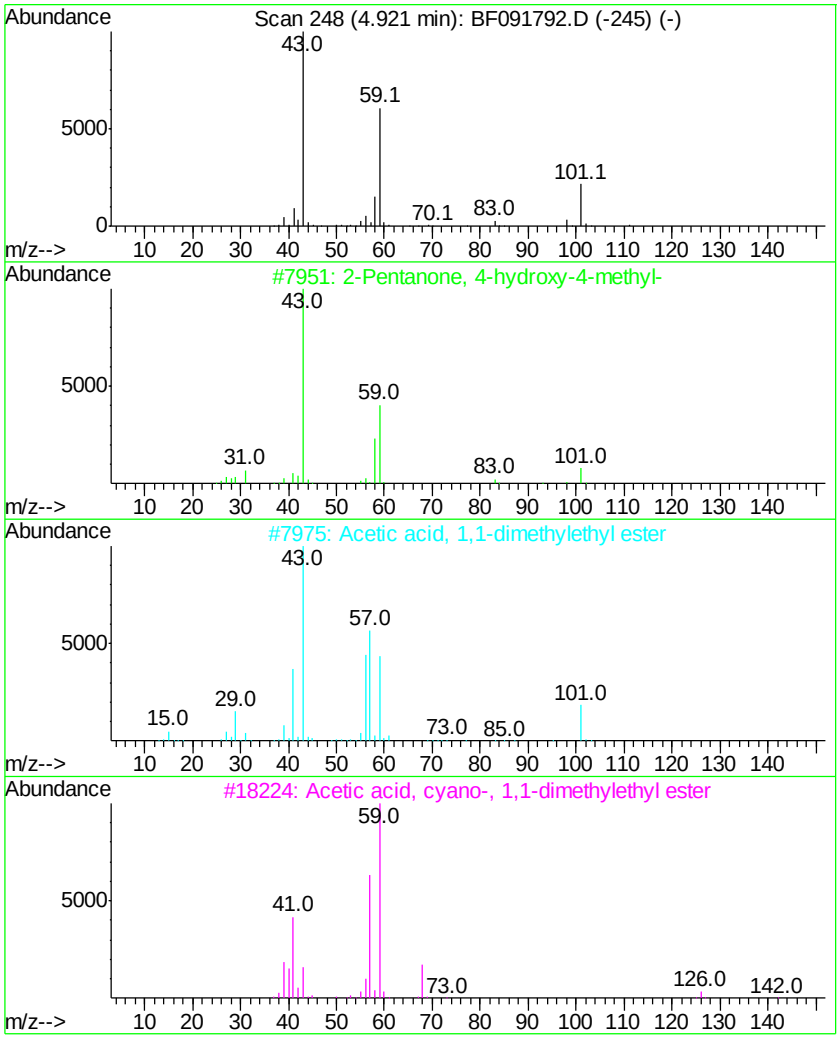
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

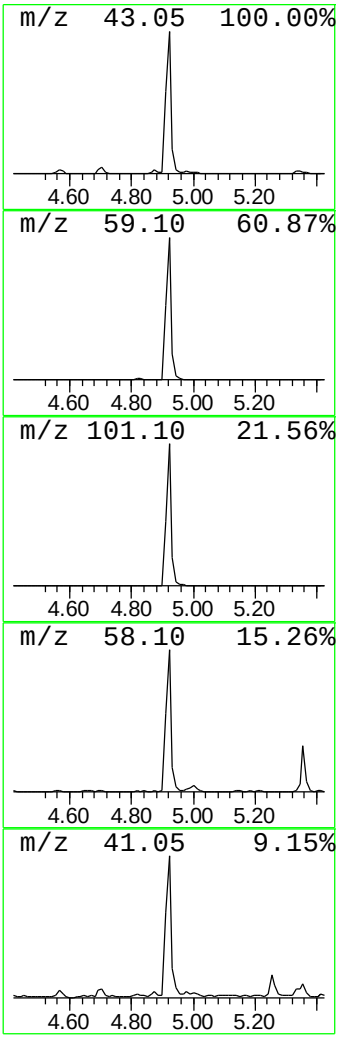
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	17.17 ng	1321140	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Operator : UM/SJ
Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

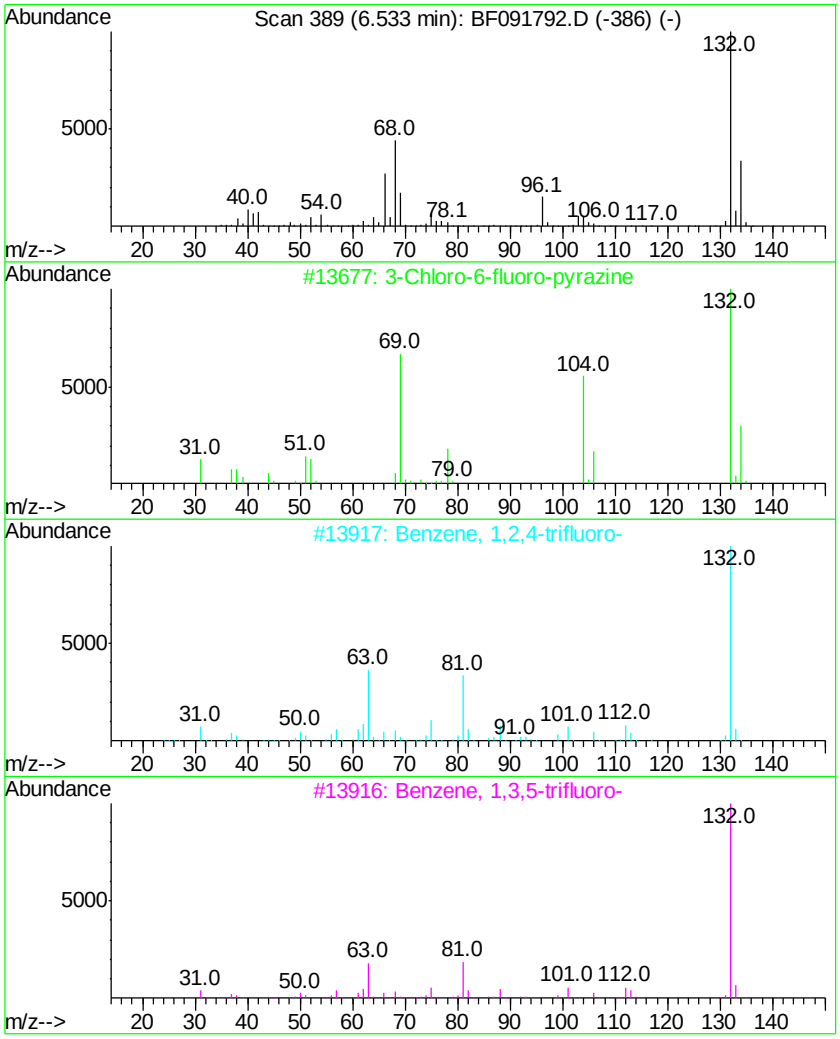
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

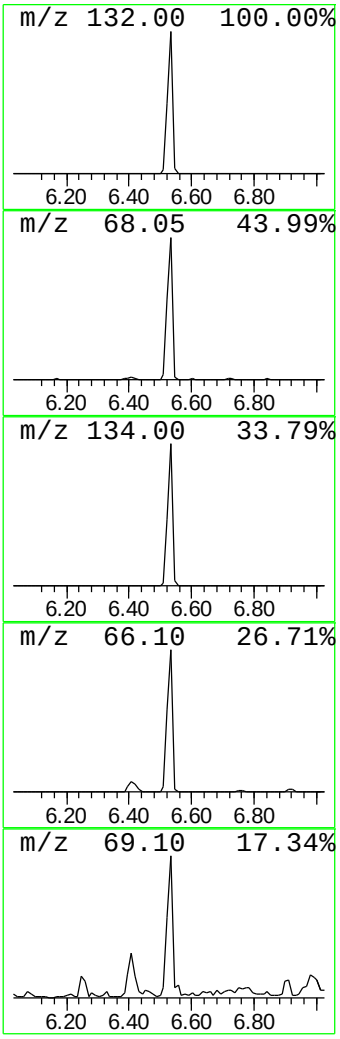
****

Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	75.73 ng	5825680	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : H6126-02
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Instrument : BNA_F
ClientSampleId : MW-29

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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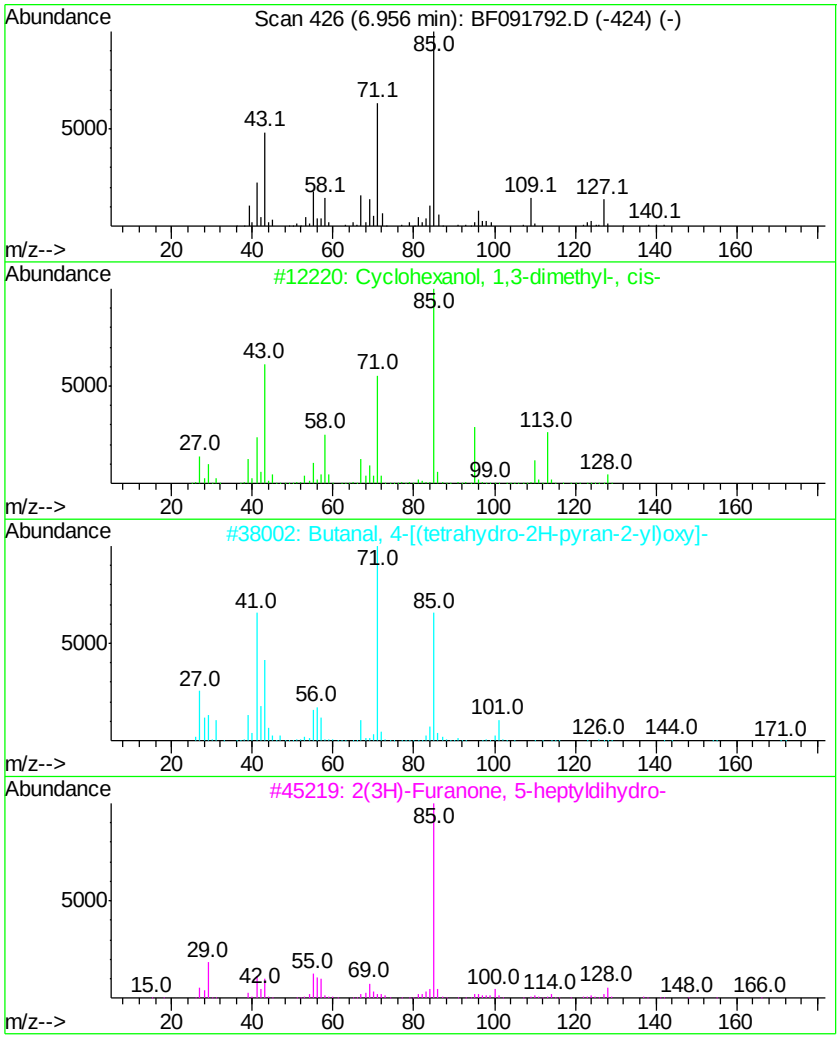
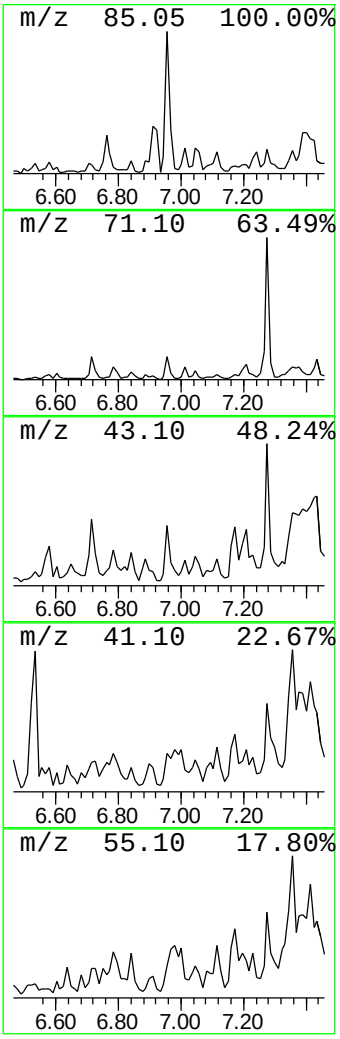
****

Peak Number 4 Cyclohexanol, 1,3-dimethyl-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	10.59 ng	814407	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	50
2	Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	45
3	2(3H)-Furanone, 5-heptyldihydro-	184	C11H20O2	000104-67-6	43
4	2H-Pyran, 2-(7-dodecynyloxy)tetr...	266	C17H30O2	016695-32-2	40
5	2(3H)-Furanone, dihydro-5-(2-oct...	196	C12H20O2	018679-18-0	38





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Sample : H6126-02
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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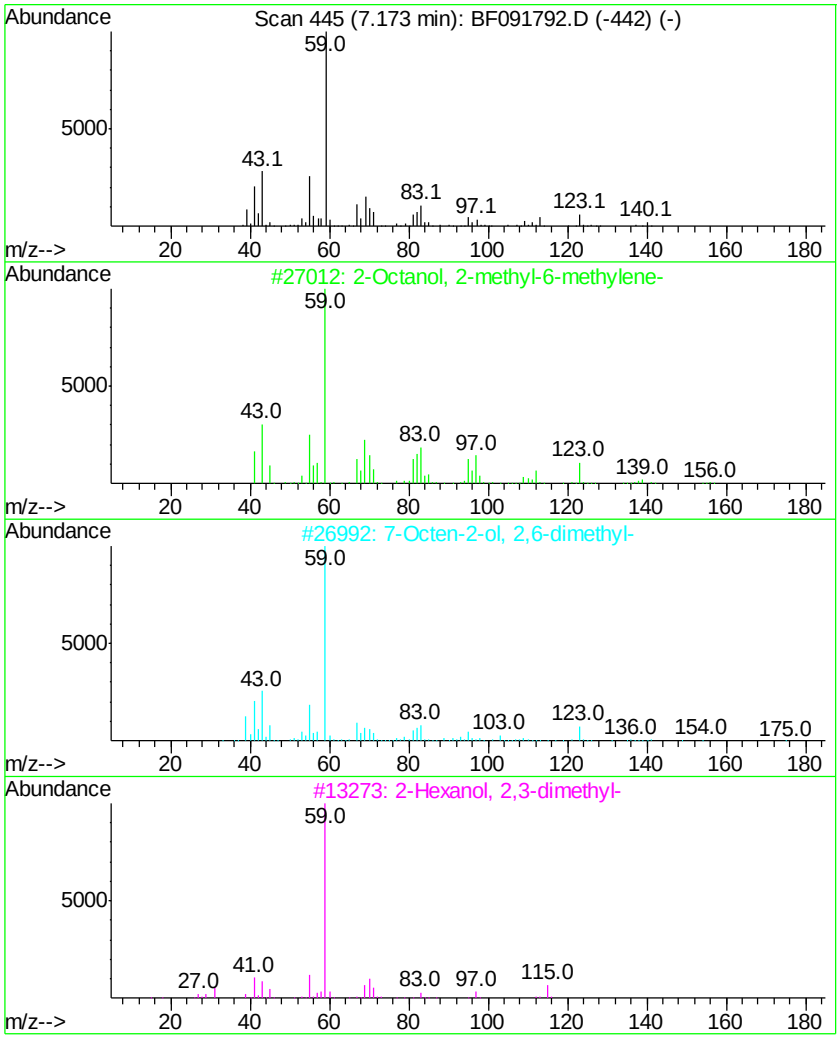
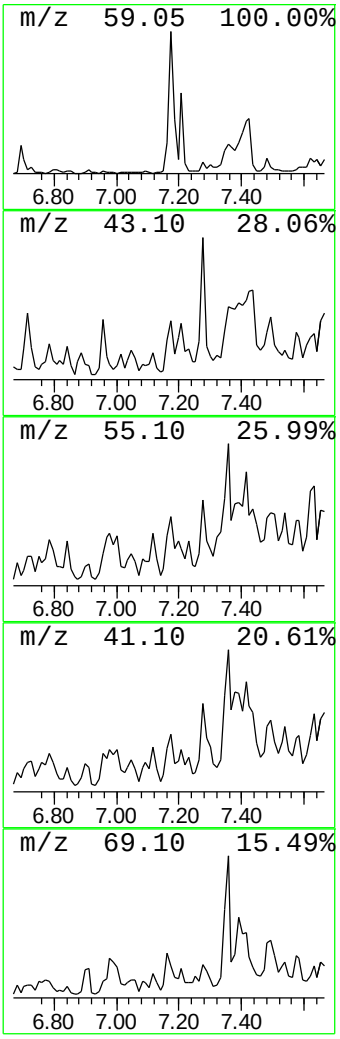
****

Peak Number 5 2-Octanol, 2-methyl-6-methy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	10.70 ng	822924	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	72
2	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	64
3	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	59
4	1,7-Octanediol, 3,7-dimethyl-	174	C10H22O2	000107-74-4	59
5	2-Hydroxy-2,6-dimethyl-hept-6-en...	156	C9H16O2	001068-82-2	50





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Data File : BF091792.D
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Operator : UM/SJ
Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

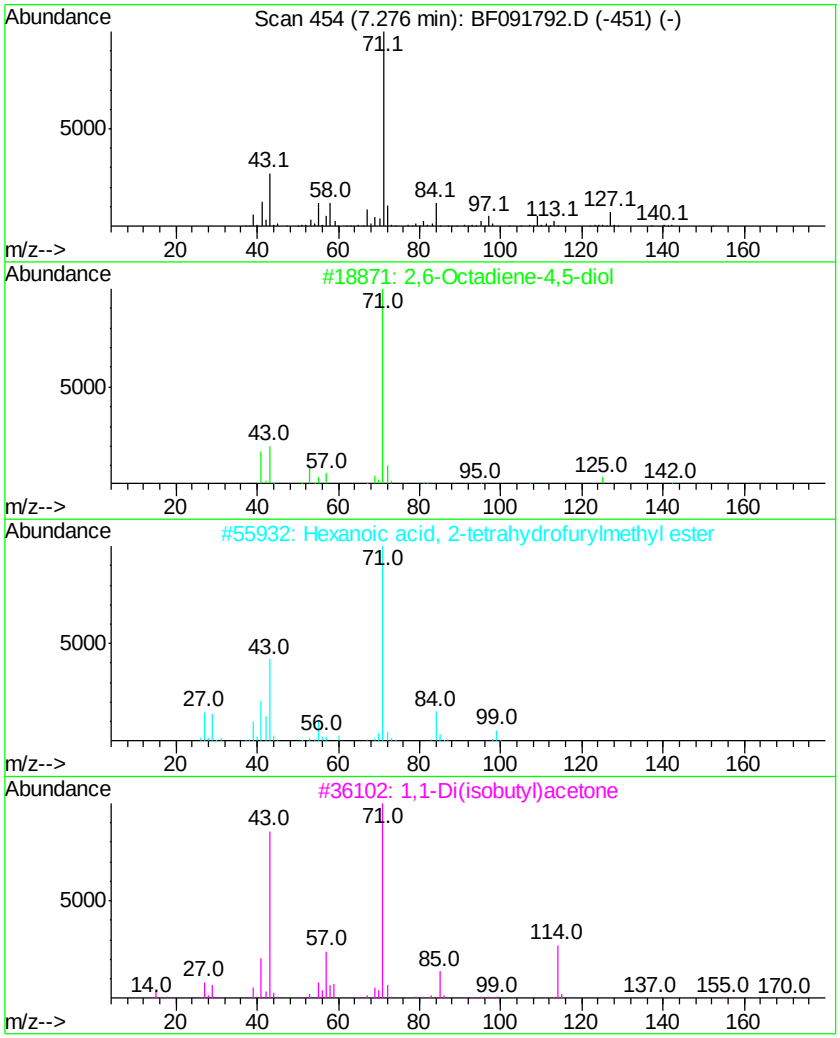
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

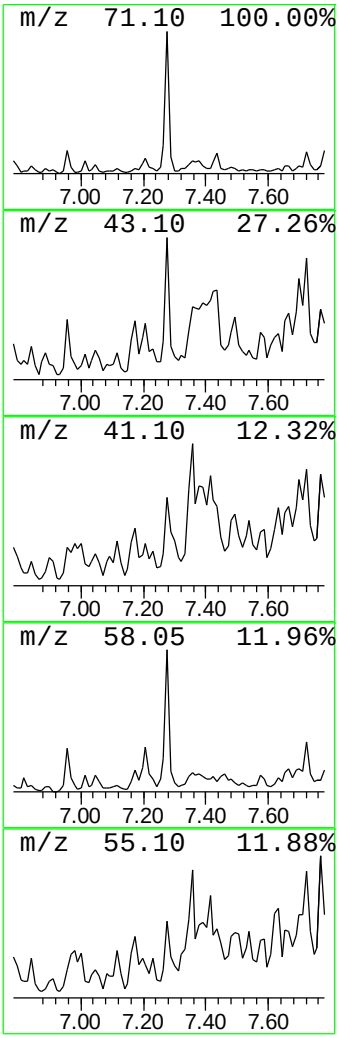
****

Peak Number 6 2,6-Octadiene-4,5-diol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	15.76 ng	1212660	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Octadiene-4,5-diol	142	C8H14O2	004486-59-3	50
2	Hexanoic acid, 2-tetrahydrofuryl...	200	C11H20O3	002217-34-7	42
3	1,1-Di(isobutyl)acetone	170	C11H22O	040264-43-5	42
4	Hexadecane, 1,1-dimethoxy-	286	C18H38O2	002791-29-9	40
5	Ether, methyl 1-tetradecenyl	226	C15H30O	026537-05-3	39





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091792.D
Acq On : 20 Dec 2016 00:04
Operator : UM/SJ
Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

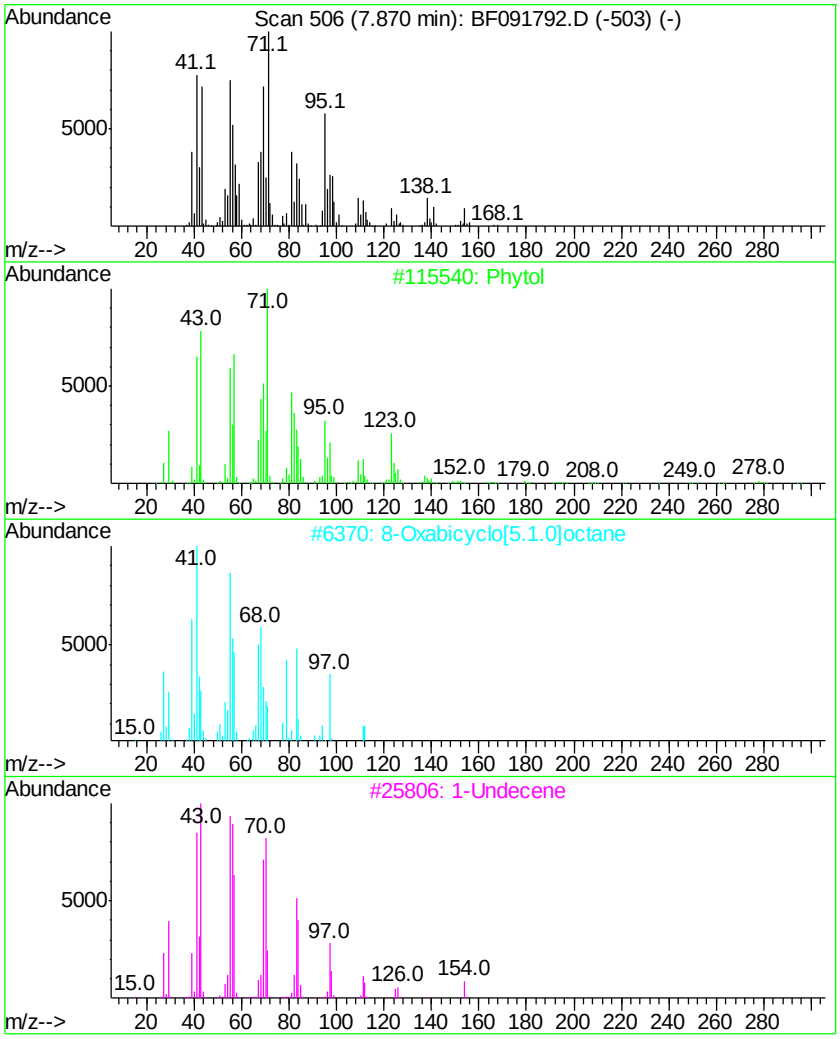
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

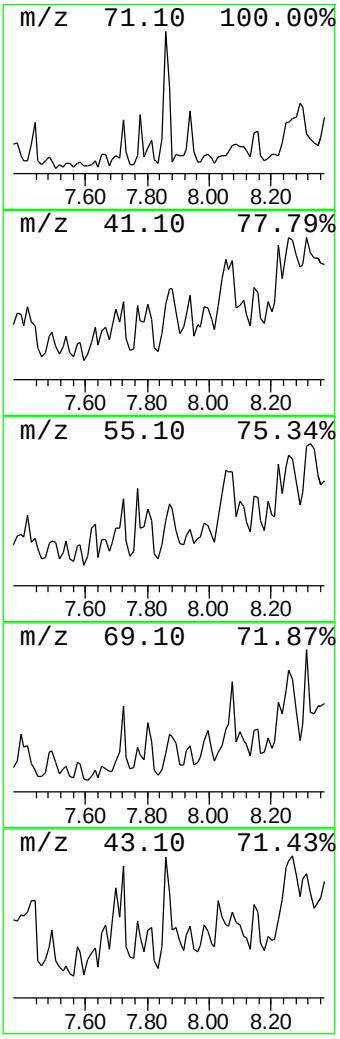
****

Peak Number 7 unknown7.87 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	11.03 ng	2763750	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	49
2	8-Oxabicyclo[5.1.0]octane	112	C7H12O	000286-45-3	44
3	1-Undecene	154	C11H22	000821-95-4	38
4	5-Undecene	154	C11H22	004941-53-1	30
5	3-t-Pentylcyclopentanone	154	C10H18O	1000114-66-3	30





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Acq On : 20 Dec 2016 00:04
Operator : UM/SJ
Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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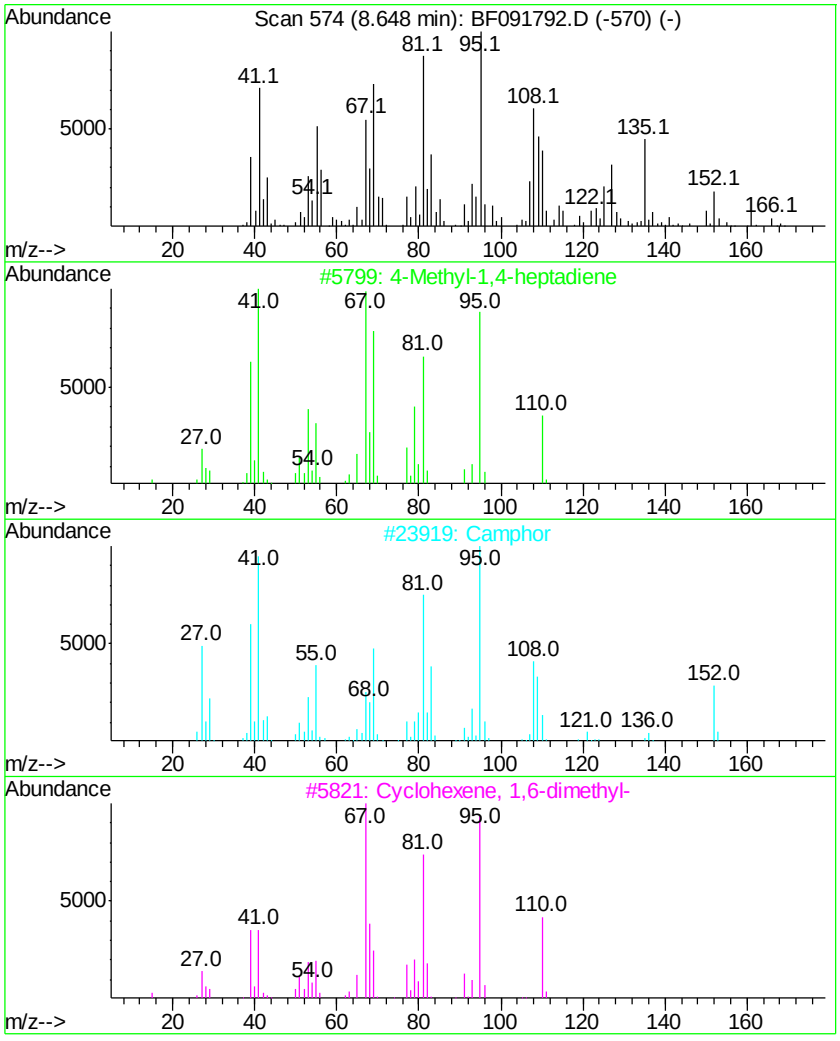
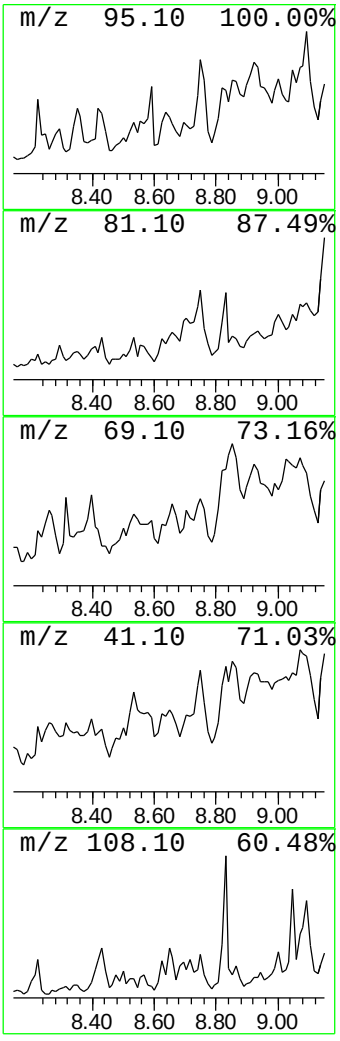
Peak Number 8 unknown8.65 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	12.75 ng	3194750	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-1,4-heptadiene	110	C8H14	013857-55-1	49
2	Camphor	152	C10H16O	000076-22-2	49
3	Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	41
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	38
5	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	35





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Acq On : 20 Dec 2016 00:04
Operator : UM/SJ
Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

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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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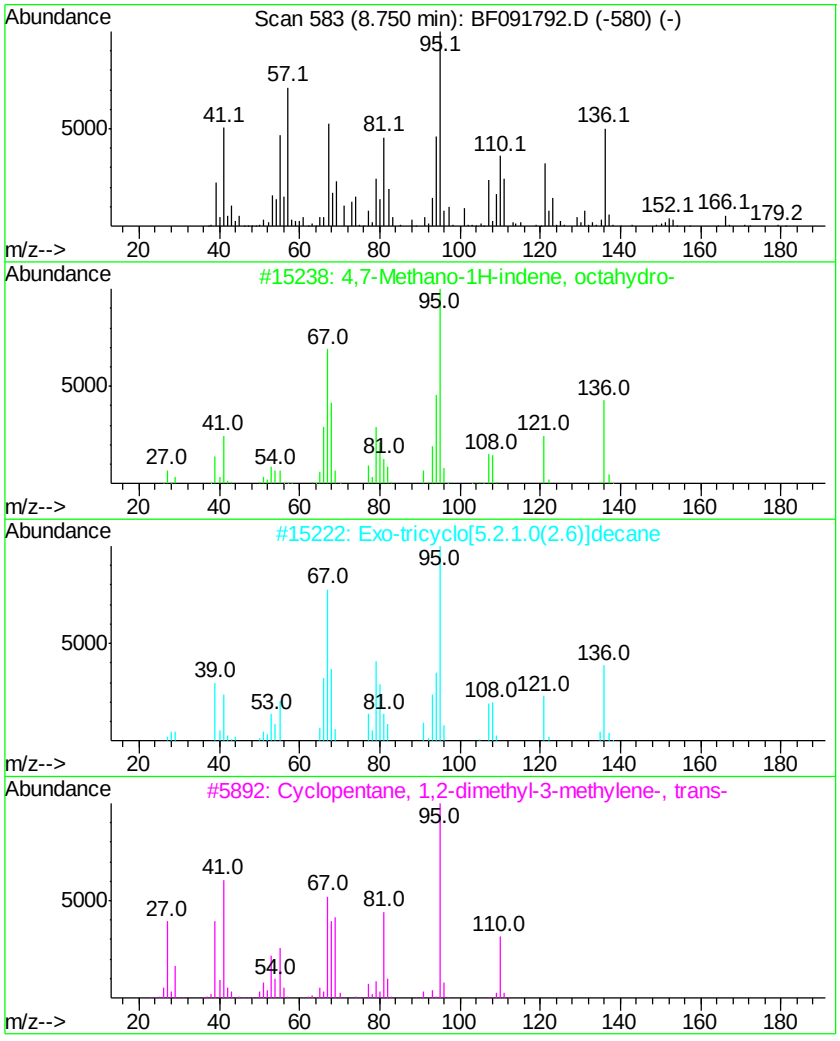
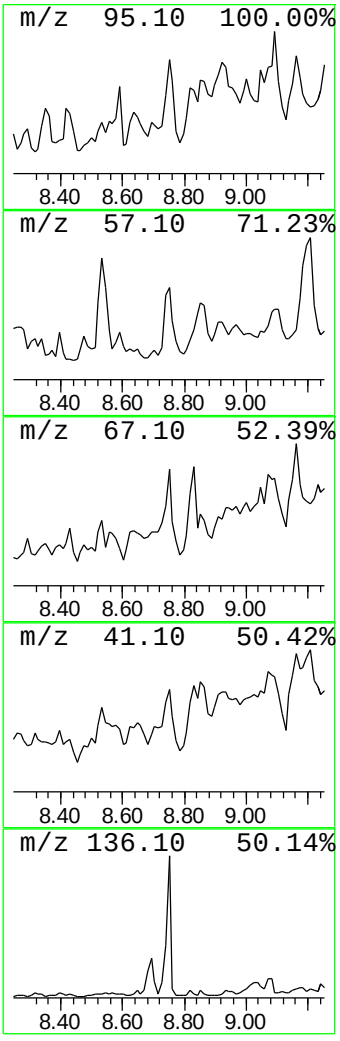
Peak Number 9 4,7-Methano-1H-indene, octa... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	22.56 ng	5653750	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	64
2	Exo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-7	49
3	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	43
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	43
5	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	38





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Operator : UM/SJ
Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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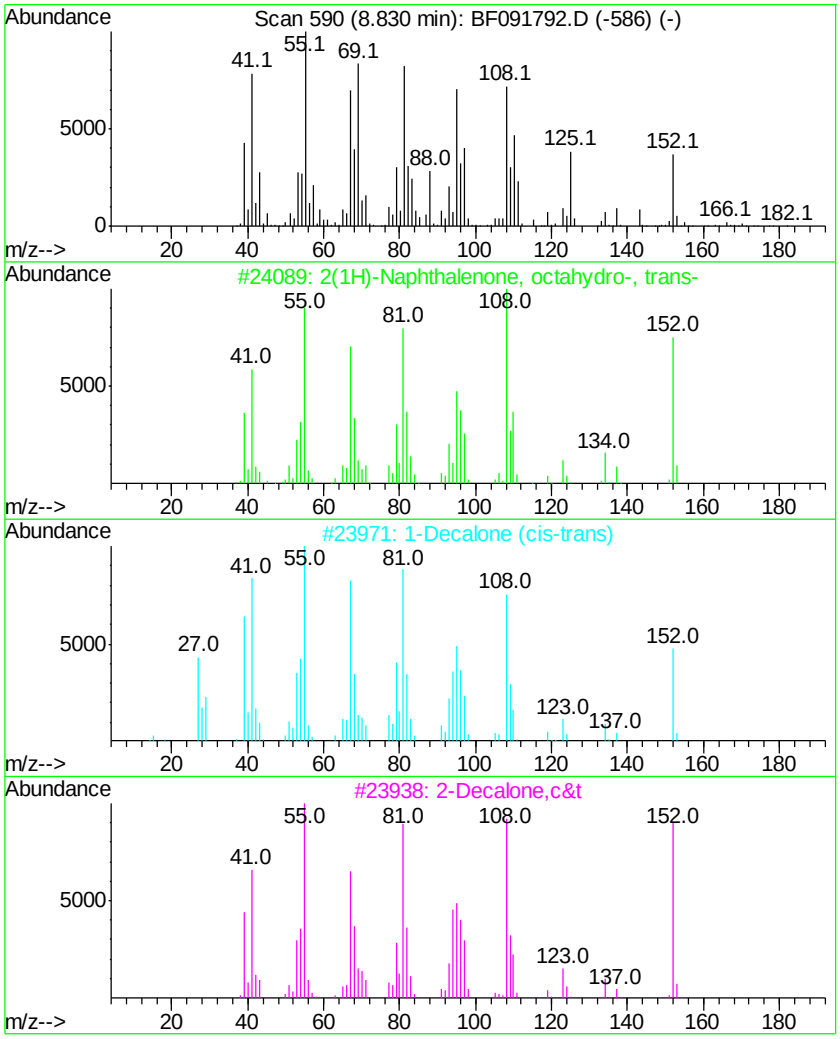
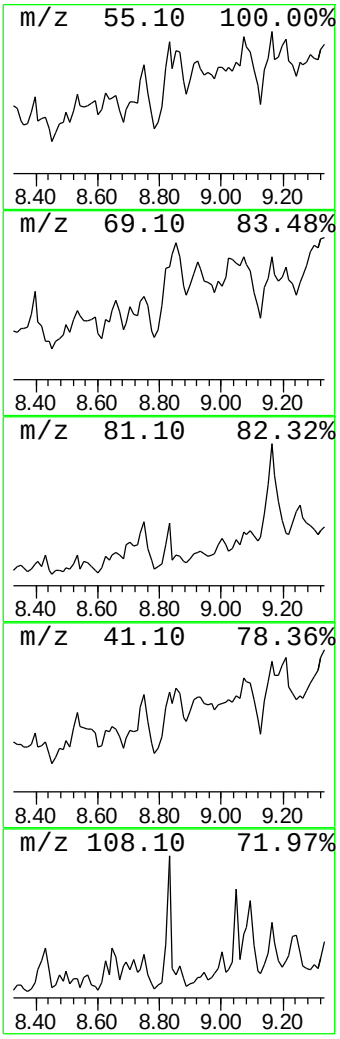
Peak Number 10 2(1H)-Naphthalenone, octahy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	23.39 ng	5861800	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	86
2	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	55
3	2-Decalone,c&t	152	C10H16O	004832-17-1	50
4	Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	49
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	42





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Acq On : 20 Dec 2016 00:04
Operator : UM/SJ
Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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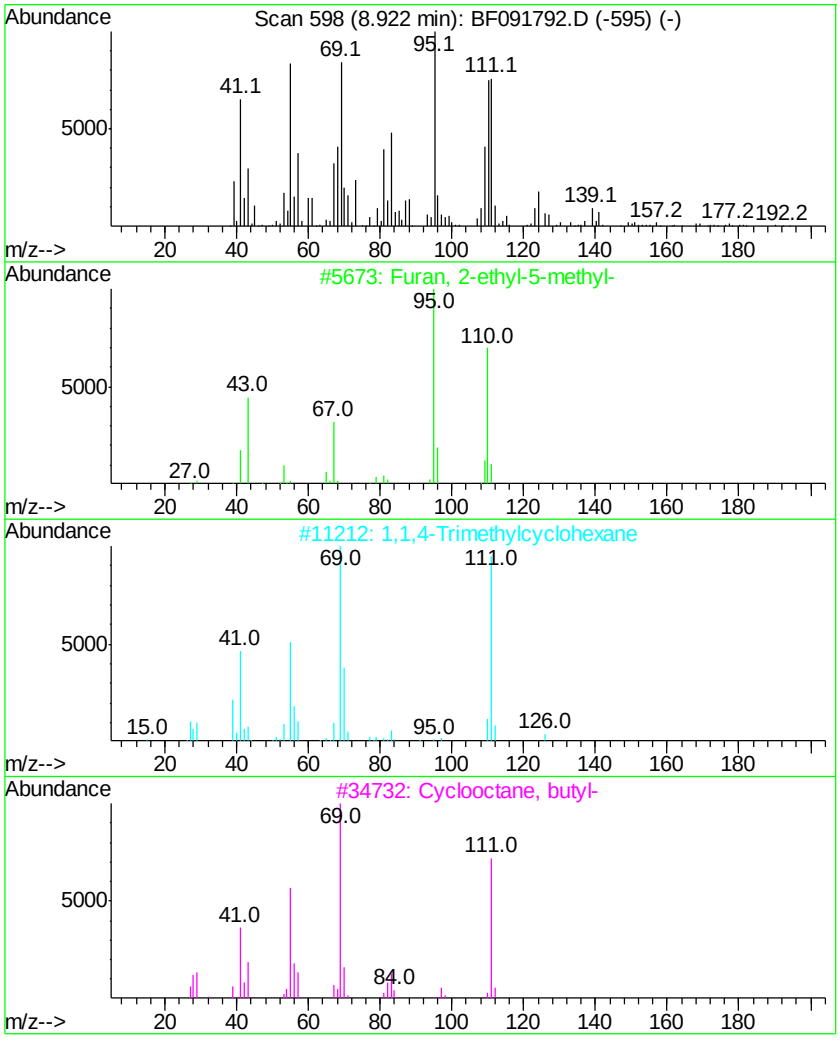
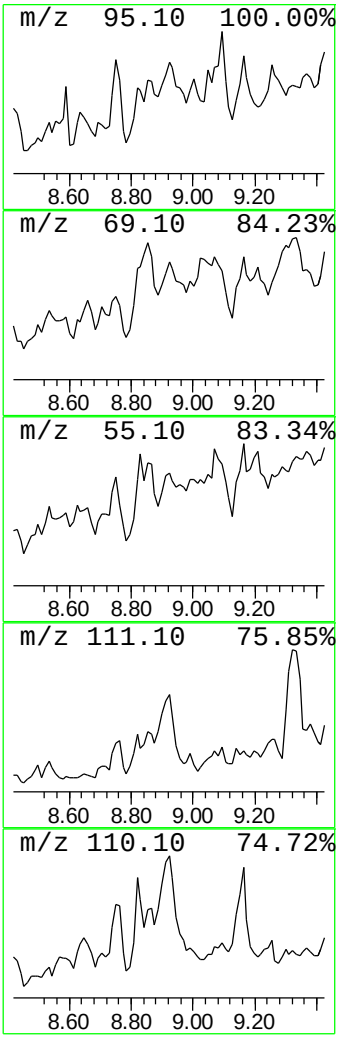
Peak Number 11 unknown8.92 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	11.63 ng	2914770	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	25
2	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	22
3	Cyclooctane, butyl-	168	C12H24	016538-93-5	22
4	1,5-Cyclooctadiene, 3-t-butyl-	164	C12H20	1000152-17-9	22
5	3-Cyclopenten-1-one, 2,2,5,5-tet...	138	C9H14O	081396-36-3	22





Library Search Compound Report

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Data File : BF091792.D
Acq On : 20 Dec 2016 00:04
Operator : UM/SJ
Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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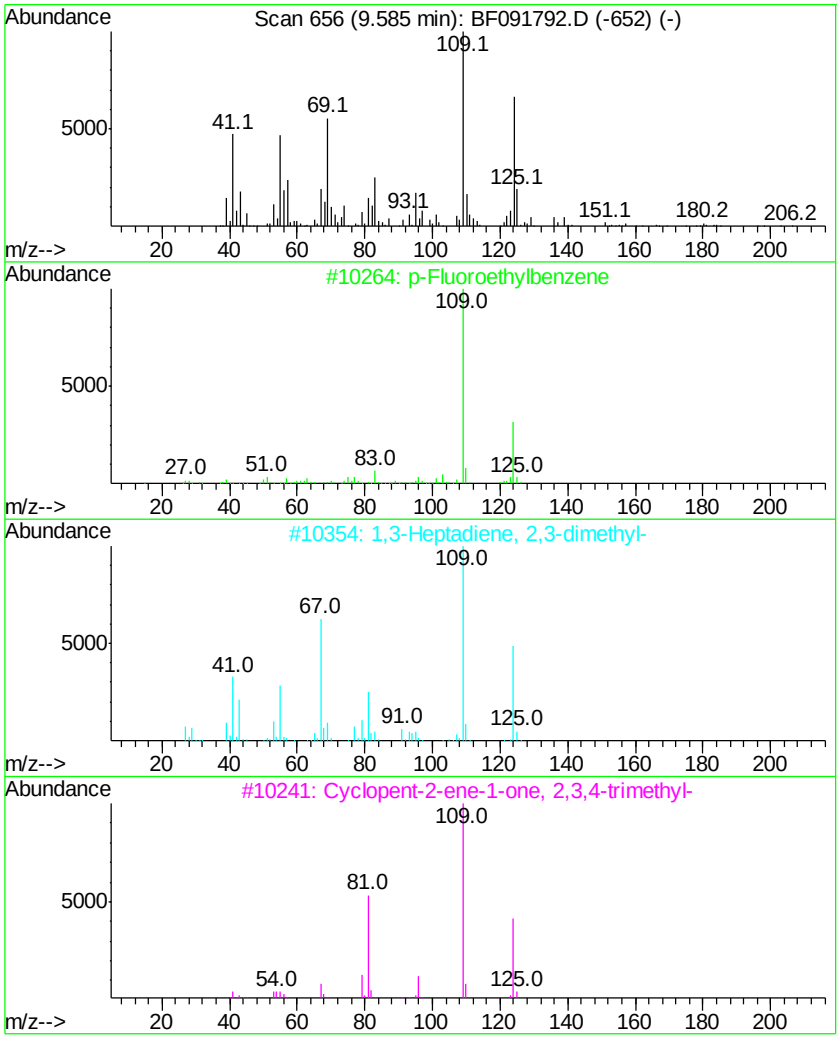
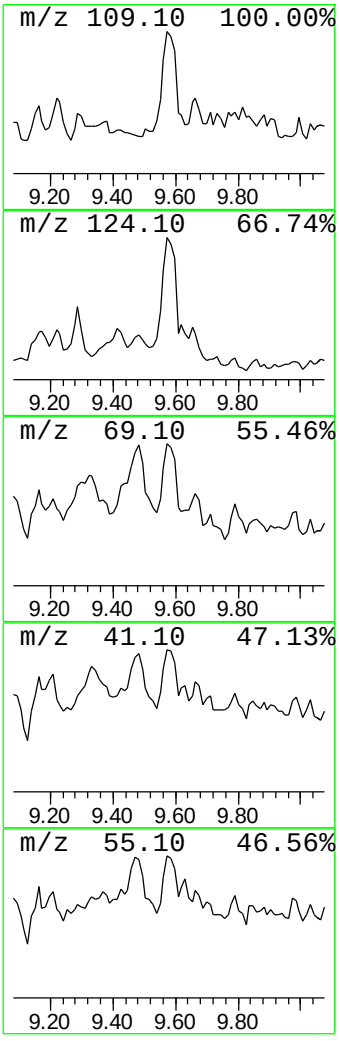
Peak Number 12 p-Fluoroethylbenzene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	32.82 ng	6877180	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Fluoroethylbenzene	124	C8H9F	000459-47-2	59
2	1,3-Heptadiene, 2,3-dimethyl-	124	C9H16	074779-65-0	59
3	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	53
4	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	033422-32-1	52
5	3-Fluoro-o-xylene	124	C8H9F	000443-82-3	50





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Acq On : 20 Dec 2016 00:04
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Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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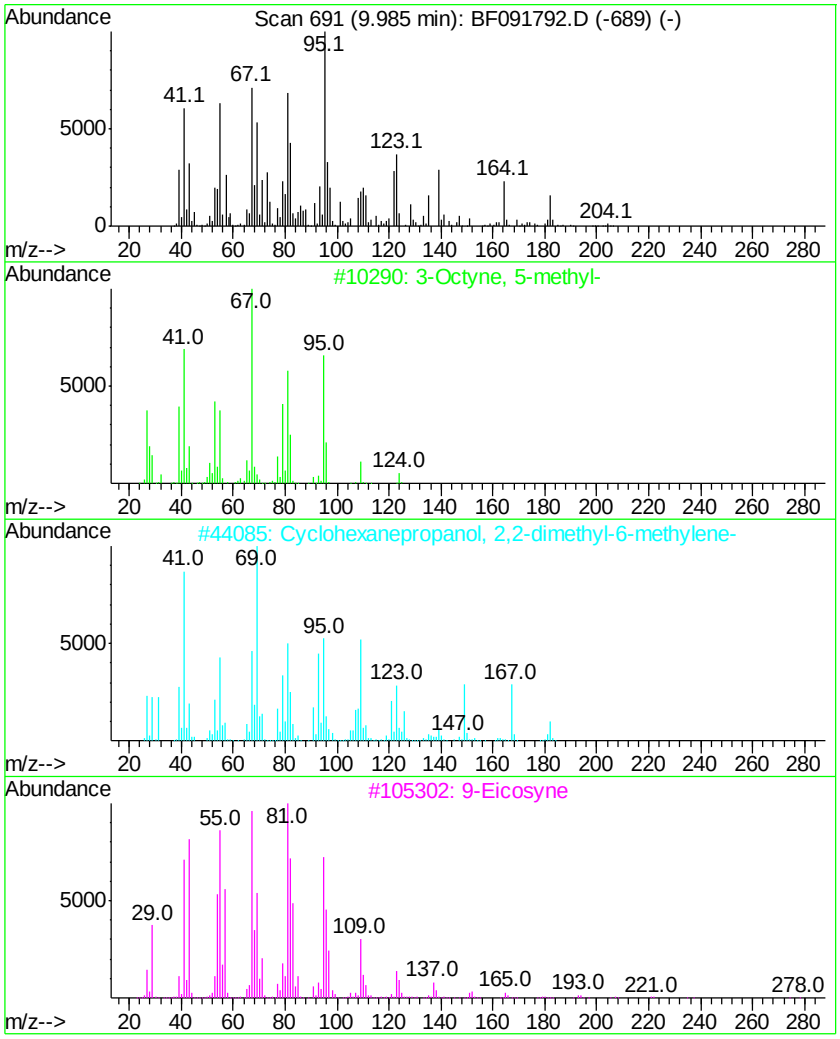
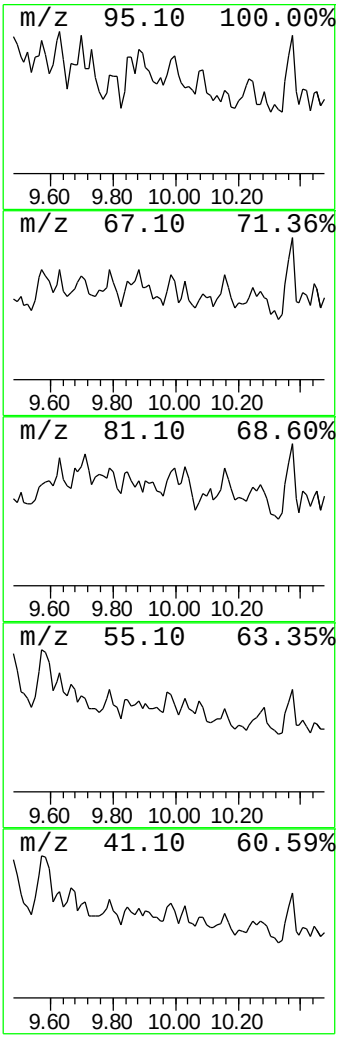
Peak Number 13 unknown9.98 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	10.23 ng	2142750	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 5-methyl-	124	C9H16	062108-33-2	43
2	Cyclohexanepropanol, 2,2-dimethy...	182	C12H22O	095452-04-3	43
3	9-Eicosyne	278	C20H38	071899-38-2	38
4	trans,trans-1,7-Dimethylspiro[4....	166	C12H22	1000111-72-6	38
5	Cyclohexanone, 2,2-dimethyl-5-(3...	182	C11H18O2	141033-65-0	30





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-29

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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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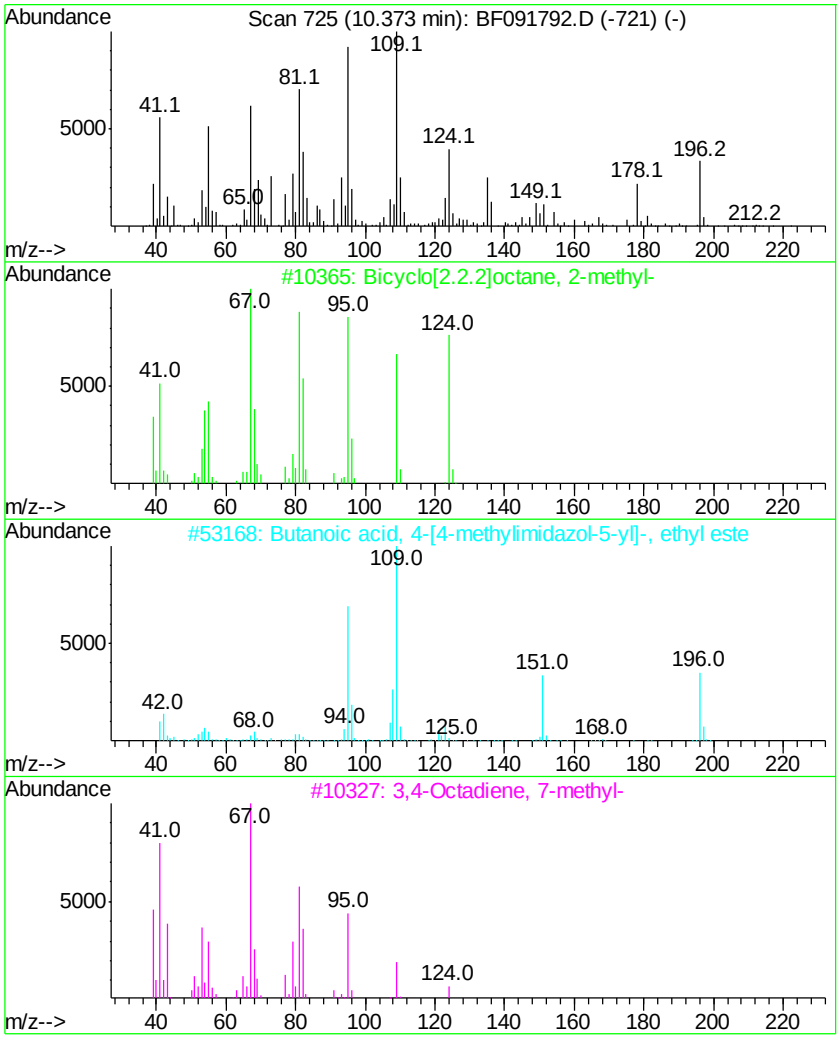
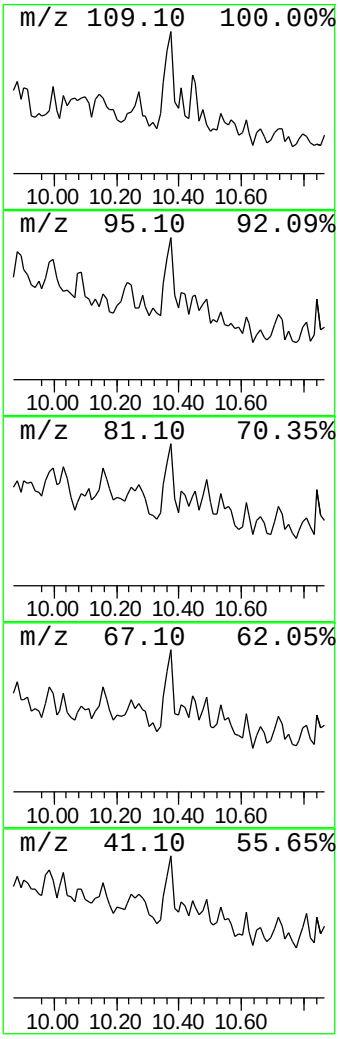
Peak Number 14 Bicyclo[2.2.2]octane, 2-met... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	27.77 ng	5819170	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	60
2	Butanoic acid, 4-[4-methylimidaz...	196	C10H16N2O2	1000116-74-5	49
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	49
4	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	43
5	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	38





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Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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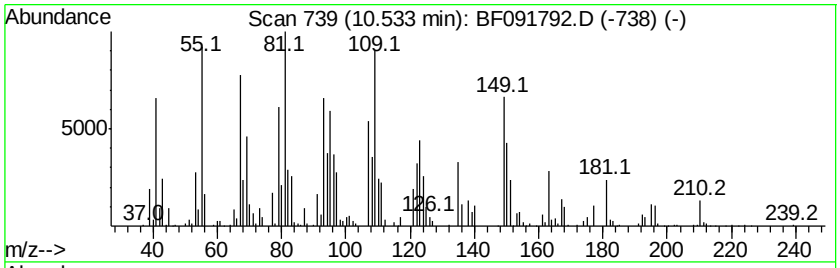
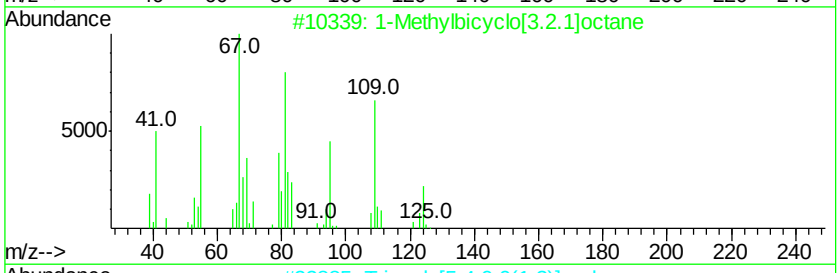
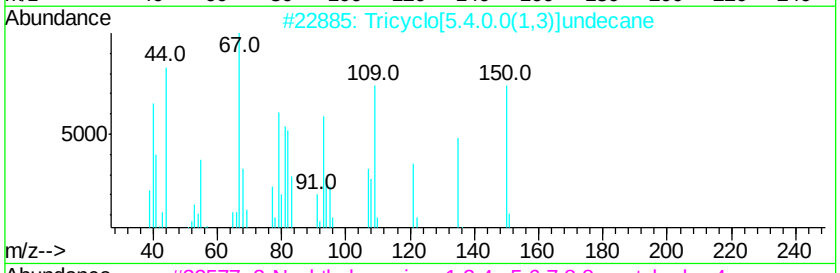
Peak Number 15 1-Methylbicyclo[3.2.1]octane Concentration Rank 20

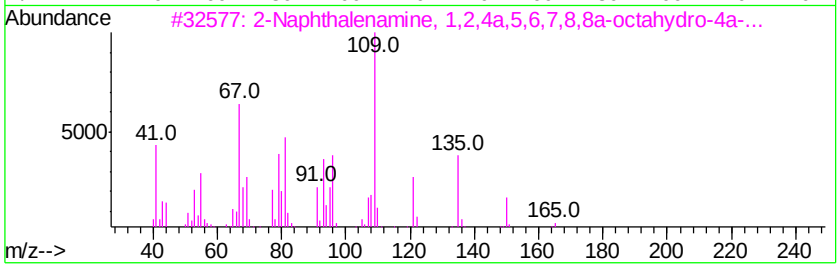
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	8.79 ng	1841880	Acenaphthene-d10	9.80

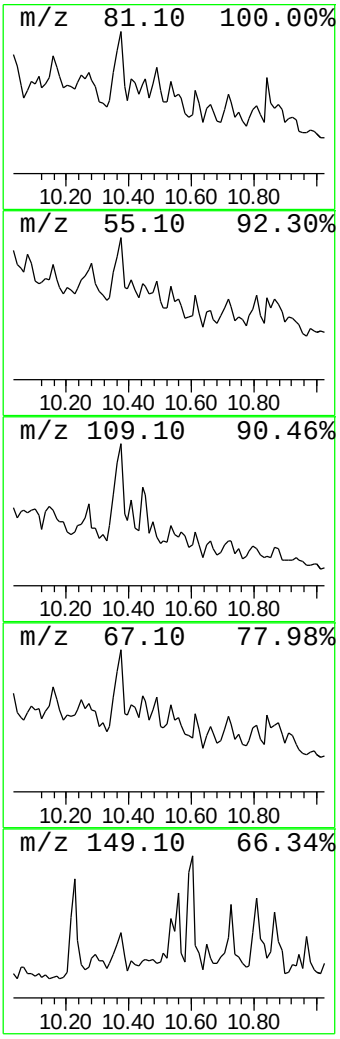
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	60
2	Tricyclo[5.4.0.0(1,3)]undecane	150	C11H18	1000280-74-7	49
3	2-Naphthalenamine, 1,2,4a,5,6,7,...	165	C11H19N	056053-03-3	38
4	Spiro[4.4]nonan-2-one	138	C9H14O	034177-18-9	30
5	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	25











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Data File : BF091792.D
Acq On : 20 Dec 2016 00:04
Operator : UM/SJ
Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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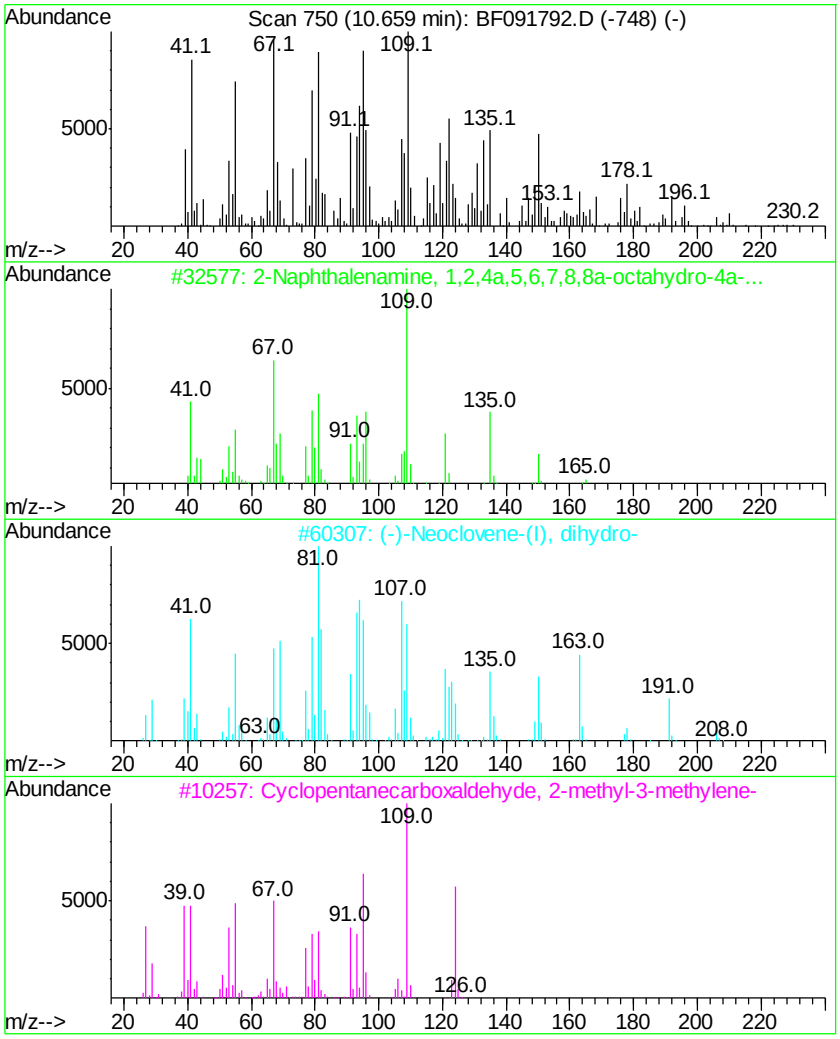
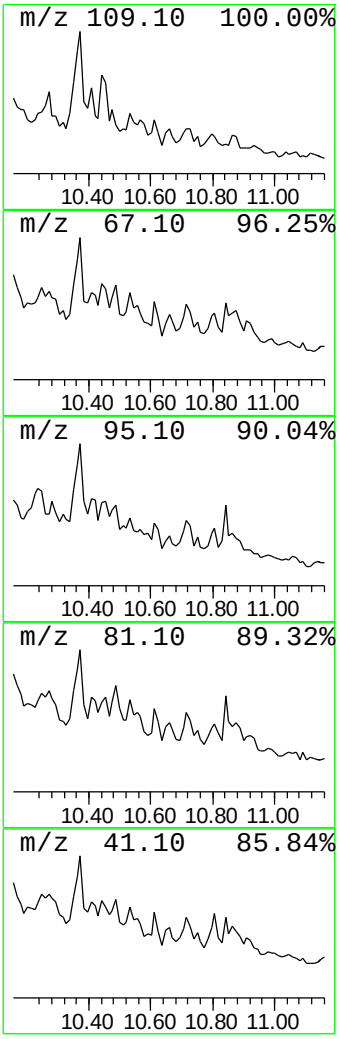
Peak Number 16 unknown10.66 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	26.25 ng	2305280	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenamine, 1,2,4a,5,6,7,...	165	C11H19N	056053-03-3	35
2	(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	30
3	Cyclopentanecarboxaldehyde, 2-me...	124	C8H12O	1000154-24-0	25
4	Bicyclo[3.1.1]hept-3-en-2-ol, 4,...	152	C10H16O	000473-67-6	22
5	Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	14





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Acq On : 20 Dec 2016 00:04
Operator : UM/SJ
Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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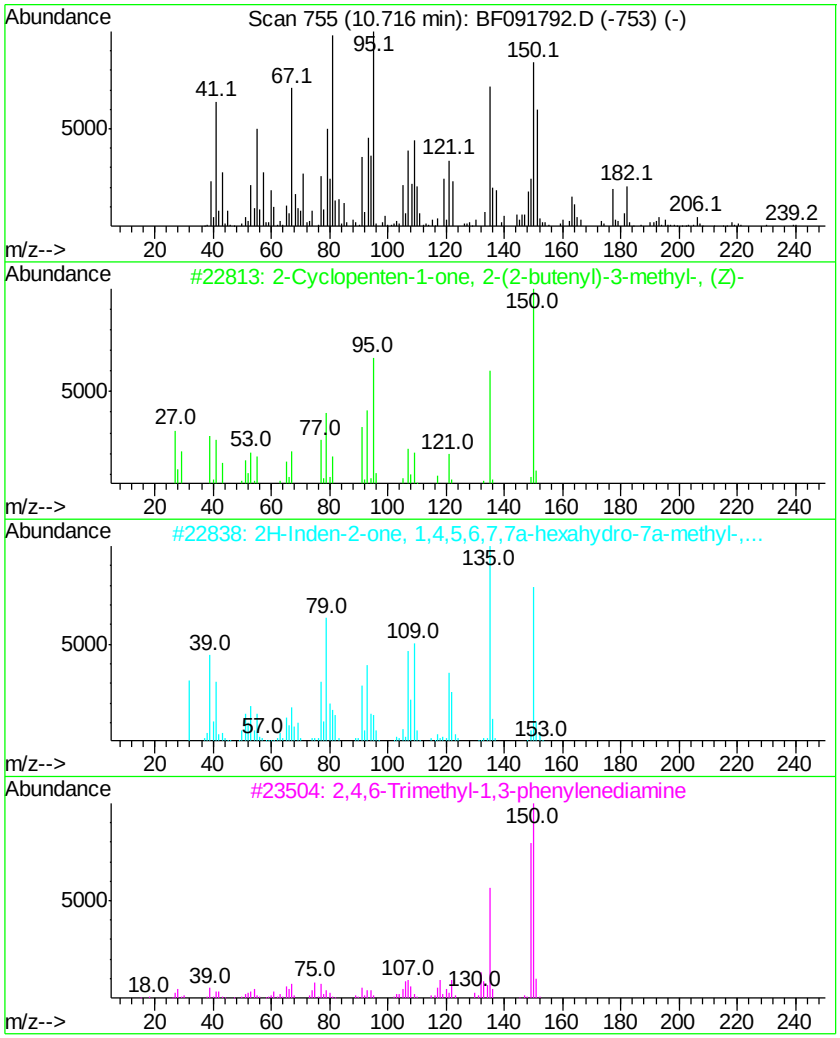
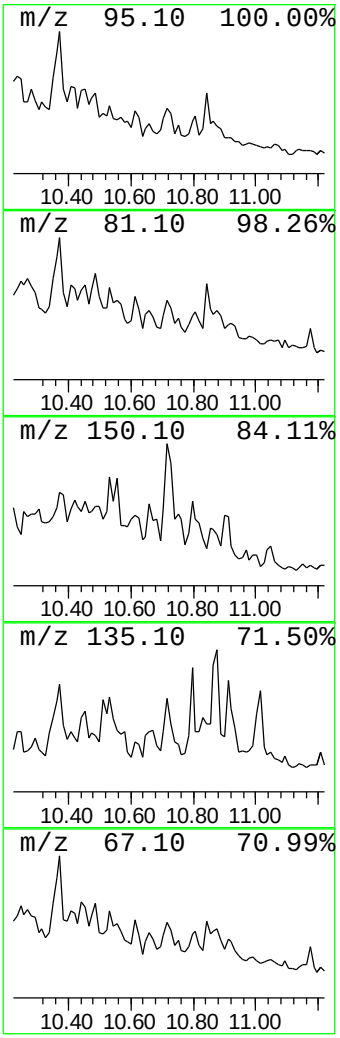
Peak Number 17 unknown10.72 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	20.50 ng	1799880	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2-(2-butenyl...	150	C10H14O	017190-71-5	43
2	2H-Inden-2-one, 1,4,5,6,7,7a-hex...	150	C10H14O	054725-16-5	30
3	2,4,6-Trimethyl-1,3-phenylenedia...	150	C9H14N2	003102-70-3	22
4	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	18
5	2-Cyclopentene-1-acetaldehyde, 2...	166	C10H14O2	075332-42-2	18





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Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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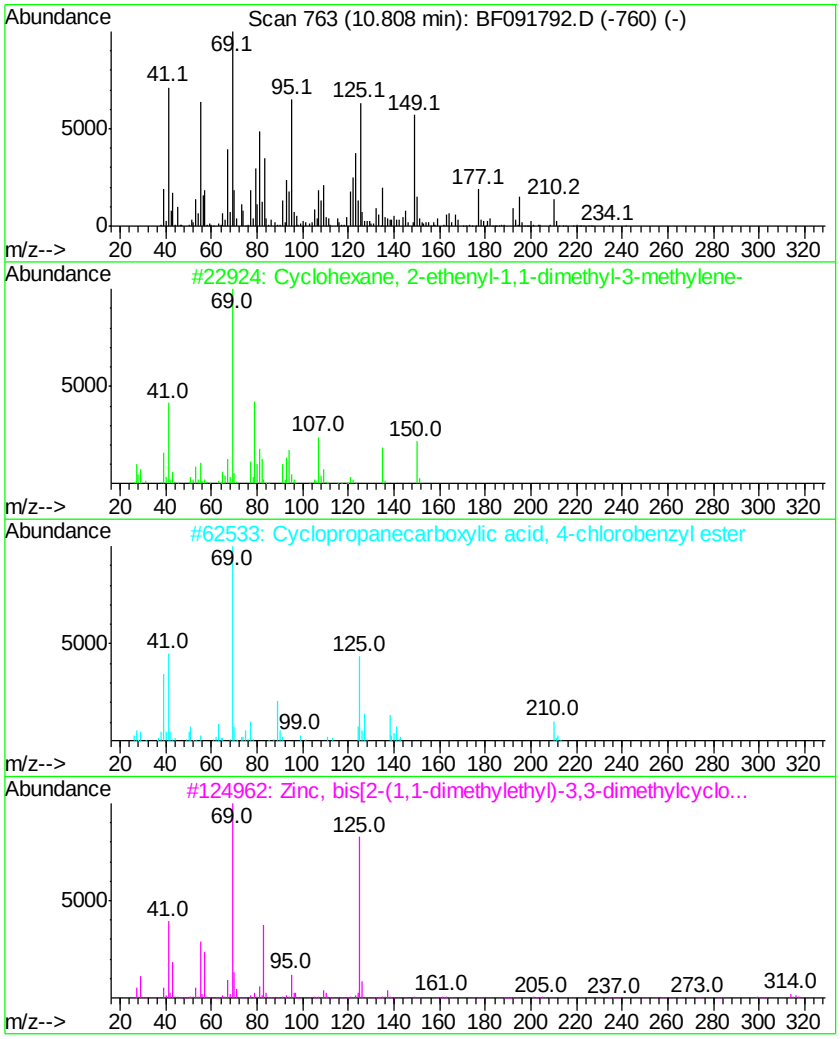
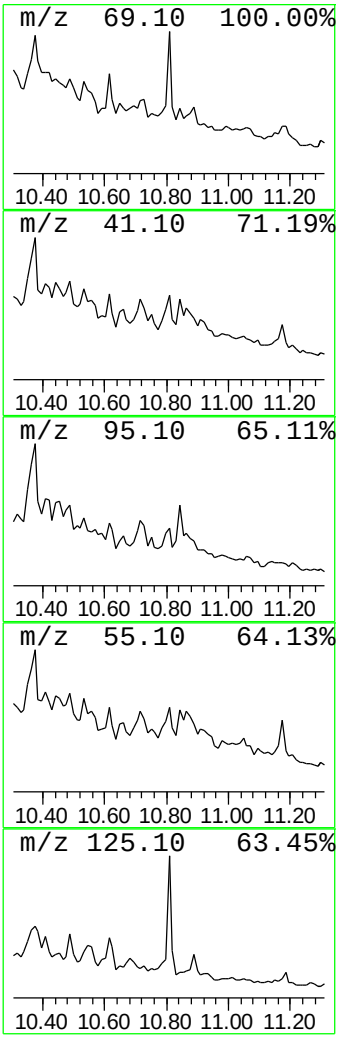
Peak Number 18 unknown10.81 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	26.14 ng	2295250	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-ethenyl-1,1-dimet...	150	C11H18	095452-08-7	35
2	Cyclopropanecarboxylic acid, 4-c...	210	C11H11ClO2	060128-52-1	30
3	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	27
4	1-Hydroxymethyl-2-methyl-1-cyclo...	126	C8H14O	029474-11-1	25
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	18





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Data File : BF091792.D
Acq On : 20 Dec 2016 00:04
Operator : UM/SJ
Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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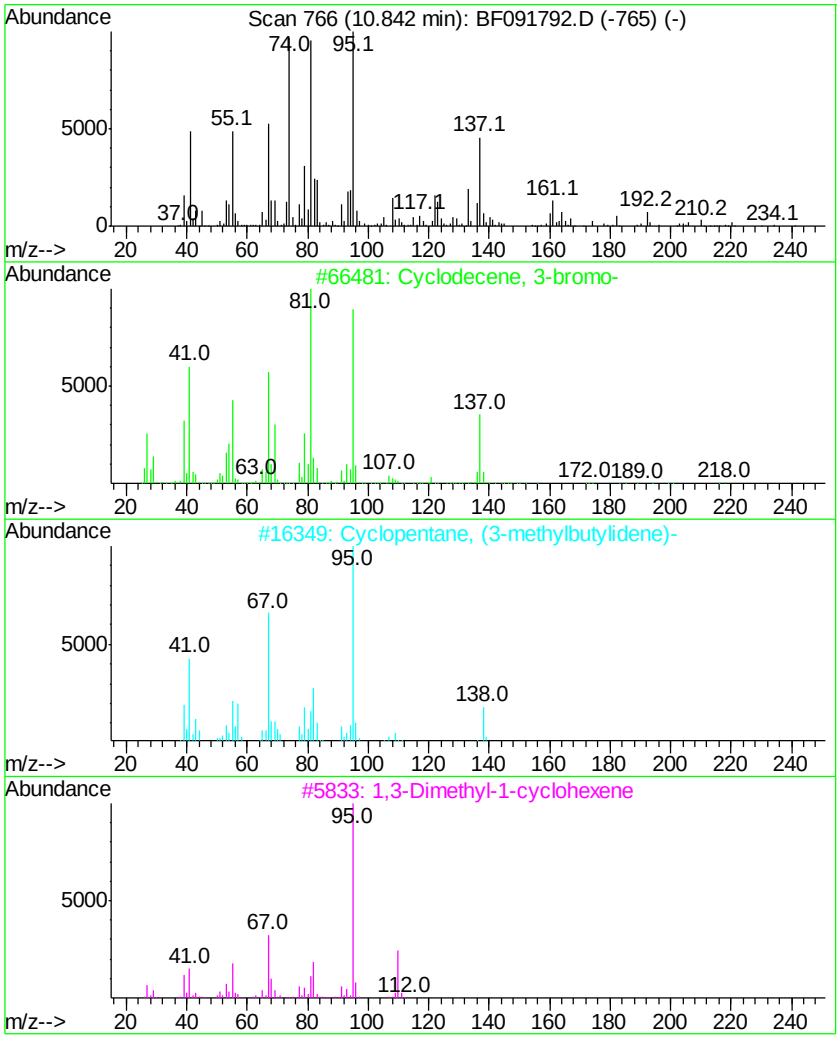
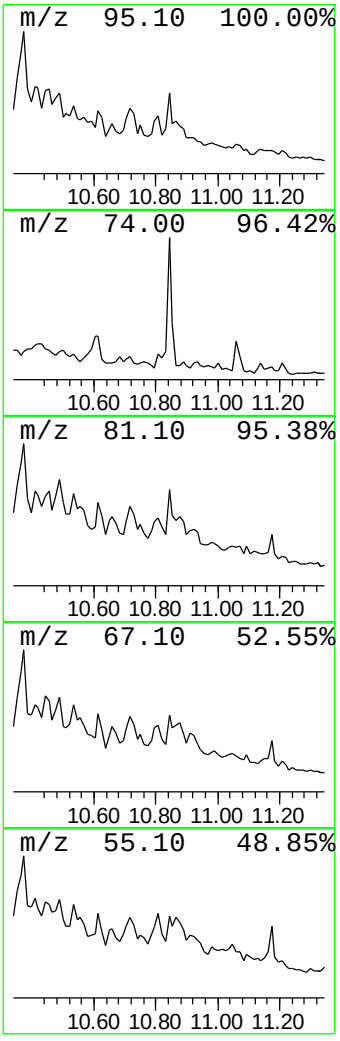
Peak Number 19 Cyclodecene, 3-bromo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	13.99 ng	1228280	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecene, 3-bromo-	216	C10H17Br	056325-56-5	60
2	Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	38
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	22
4	1H-Pyrrole, 1-pentyl-	137	C9H15N	000699-22-9	22
5	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091792.D
Acq On : 20 Dec 2016 00:04
Operator : UM/SJ
Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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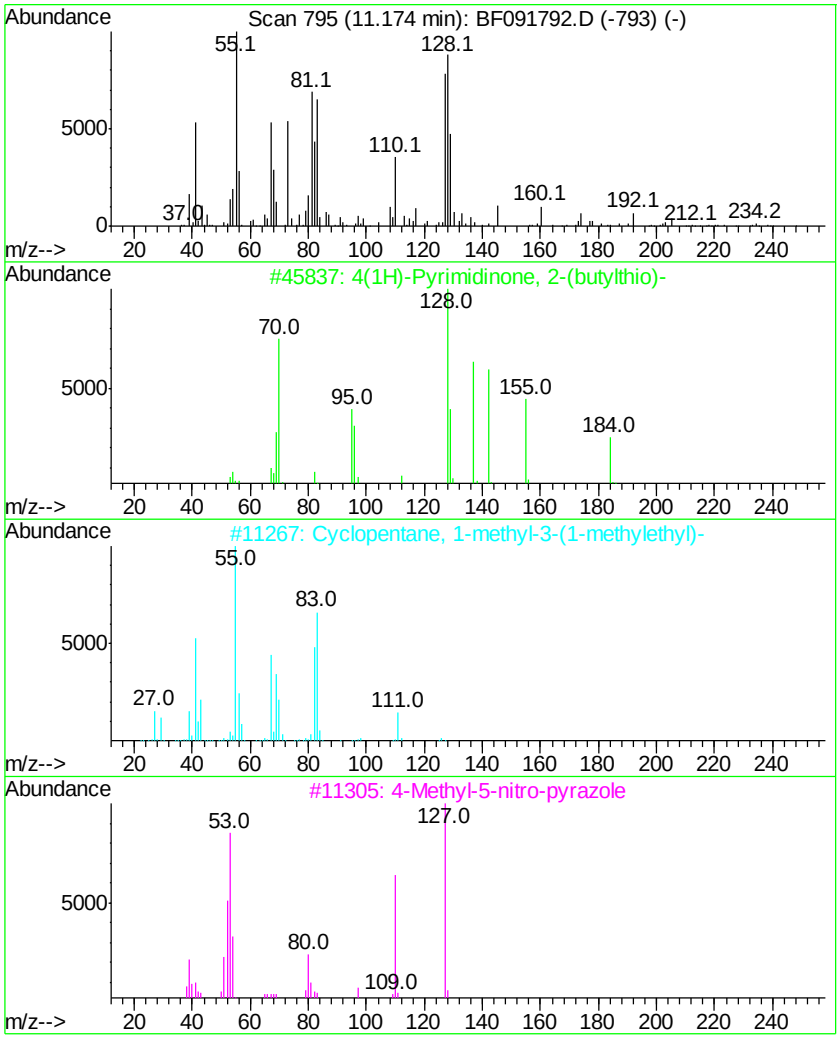
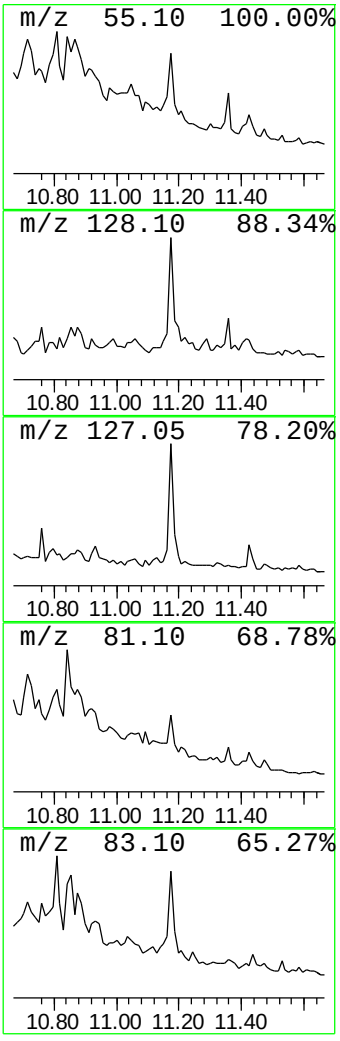
Peak Number 20 unknown11.17 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	11.95 ng	1048890	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 2-(butylthio)-	184	C8H12N2OS	054774-97-9	22
2	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	18
3	4-Methyl-5-nitro-pyrazole	127	C4H5N3O2	1000146-00-9	14
4	Cyclohexanecarboxylic acid, cycl...	210	C13H22O2	015840-96-7	14
5	1,3,5-Triazin-2(1H)-one, 4,6-dia...	127	C3H5N5O	000645-92-1	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
Data File : BF091792.D
Acq On : 20 Dec 2016 00:04
Operator : UM/SJ
Sample : H6126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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...	4.92	17.2	ng	1321140	1	6.76	1538570	20.0
unknown6.53	6.53	75.7	ng	5825680	1	6.76	1538570	20.0
Cyclohexanol, 1,3...	6.96	10.6	ng	814407	1	6.76	1538570	20.0
2-Octanol, 2-meth...	7.17	10.7	ng	822924	1	6.76	1538570	20.0
2,6-Octadiene-4,5...	7.28	15.8	ng	1212660	1	6.76	1538570	20.0
unknown7.87	7.87	11.0	ng	2763750	2	8.04	5011770	20.0
unknown8.65	8.65	12.8	ng	3194750	2	8.04	5011770	20.0
4,7-Methano-1H-in...	8.75	22.6	ng	5653750	2	8.04	5011770	20.0
2(1H)-Naphthaleno...	8.83	23.4	ng	5861800	2	8.04	5011770	20.0
unknown8.92	8.92	11.6	ng	2914770	2	8.04	5011770	20.0
p-Fluoroethylbenzene	9.58	32.8	ng	6877180	3	9.80	4191180	20.0
unknown9.98	9.98	10.2	ng	2142750	3	9.80	4191180	20.0
Bicyclo[2.2.2]oct...	10.37	27.8	ng	5819170	3	9.80	4191180	20.0
1-Methylbicyclo[3...	10.53	8.8	ng	1841880	3	9.80	4191180	20.0
unknown10.66	10.66	26.3	ng	2305280	4	11.29	1756200	20.0
unknown10.72	10.72	20.5	ng	1799880	4	11.29	1756200	20.0
unknown10.81	10.81	26.1	ng	2295250	4	11.29	1756200	20.0
Cyclodecene, 3-br...	10.84	14.0	ng	1228280	4	11.29	1756200	20.0
unknown11.17	11.17	11.9	ng	1048890	4	11.29	1756200	20.0