LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083233.D
Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.684	54	61	66	rVB3	21138	66555	1.09%	0.138%
2	2.844	71	75	81	rVB3	24719	61518	1.01%	0.127%
3	3.621	137	143	147	rBV2	36782	99403	1.63%	0.206%
4	3.816	154	160	164	rBV2	49117	117966	1.93%	0.244%
5	4.056	176	181	187	rVB	128137	252408	4.13%	0.523%
6	4.181	187	192	196	rBV	71907	131453	2.15%	0.272%
7	4.650	231	233	235	rVB	66792	87804	1.44%	0.182%
8	4.730	235	240	248	rBV	754234	1221961	19.99%	2.531%
9	4.936	256	258	260	rBV2	78941	104178	1.70%	0.216%
10	5.130	273	275	276	rBV	47348	61453	1.01%	0.127%
11	5.199	279	281	290	rVV	1615641	2529463	41.38%	5.238%
12	5.324	290	292	295	rVV	60331	108551	1.78%	0.225%
13	5.382	295	297	299	rVV2	74469	117597	1.92%	0.244%
14	5.427	299	301	306	rVB3	54042	114001	1.87%	0.236%
15	5.599	311	316	318	rBV2	96356	186947	3.06%	0.387%
16	5.736	325	328	331	rBV2	111639	136657	2.24%	0.283%
17	5.804	331	334	336	rBV3	36341	64932	1.06%	0.134%
18	5.839	336	337	341	rVB2	86833	112762	1.84%	0.234%
19	6.056	354	356	359	rVB2	39633	66743	1.09%	0.138%
20	6.125	359	362	367	rVB2	42081	74332	1.22%	0.154%
21	6.205	367	369	372	rBV	91199	107401	1.76%	0.222%
22	6.273	373	375	379	rBV	1658382	1633594	26.73%	3.383%
23	6.387	383	385	387	rBV	4598818	4732945	77.43%	9.802%
24	6.605	402	404	407	rBV	794441	1039080	17.00%	2.152%
25	6.696	411	412	416	rVB	86436	65917	1.08%	0.137%
26	6.765	416	418	421	rBV	3781266	4132861	67.61%	8.559%
27	6.947	432	434	437	rBV	67418	83681	1.37%	0.173%
28	7.039	437	442	445	rBV3	29960	75352	1.23%	0.156%
29	7.187	452	455	457	rBV	3559697	4129123	67.55%	8.551%
30	7.313	464	466	471	rVB4	63656	94867	1.55%	0.196%
31	7.896	515	517	520	rBV	1152402	1336352	21.86%	2.768%
32	8.045	528	530	535	rVB4	46269	62620	1.02%	0.130%
33	8.982	609	612	615	rBV	5632368	6112477	100.00%	12.659%
34	9.382	645	647	649	rBV	319504	287267	4.70%	0.595%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083233.D
Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.599	663	666	668	rBV	72054	105813	1.73%	0.219%
36	9.645	668	670	673	rVV	1114286	1549011	25.34%	3.208%
37	9.885	689	691	693	rVB	70503	66811	1.09%	0.138%
38	10.102	709	710	712	rVB	108092	84736	1.39%	0.175%
39	10.445	737	740	742	rVV	3148875	4018518	65.74%	8.322%
40	10.571	750	751	755	rVB	92958	135474	2.22%	0.281%
41	10.822	769	773	775	rBV3	54439	89464	1.46%	0.185%
42	11.016	786	790	792	rBV	69151	114155	1.87%	0.236%
43	11.131	797	800	802	rBV	1446234	1578631	25.83%	3.269%
44	11.451	825	828	831	rBV	56872	72732	1.19%	0.151%
45	11.599	839	841	845	rBV3	29235	70347	1.15%	0.146%
46	11.679	846	848	853	rVV	502347	768115	12.57%	1.591%
47	11.828	859	861	866	rVB2	46666	73213	1.20%	0.152%
48	12.388	907	910	914	rBV2	60761	133498	2.18%	0.276%
49	12.468	914	917	923	rVV	764900	796693	13.03%	1.650%
50	12.719	936	939	942	rBV	5832290	6046454	98.92%	12.522%
51	13.634	1016	1019	1027	rBV3	93495	161356	2.64%	0.334%
52	13.760	1027	1030	1032	rBV	1382486	1620696	26.51%	3.356%
53	15.120	1146	1149	1152	rBV	1064180	1190157	19.47%	2.465%

Sum of corrected areas: 48286095

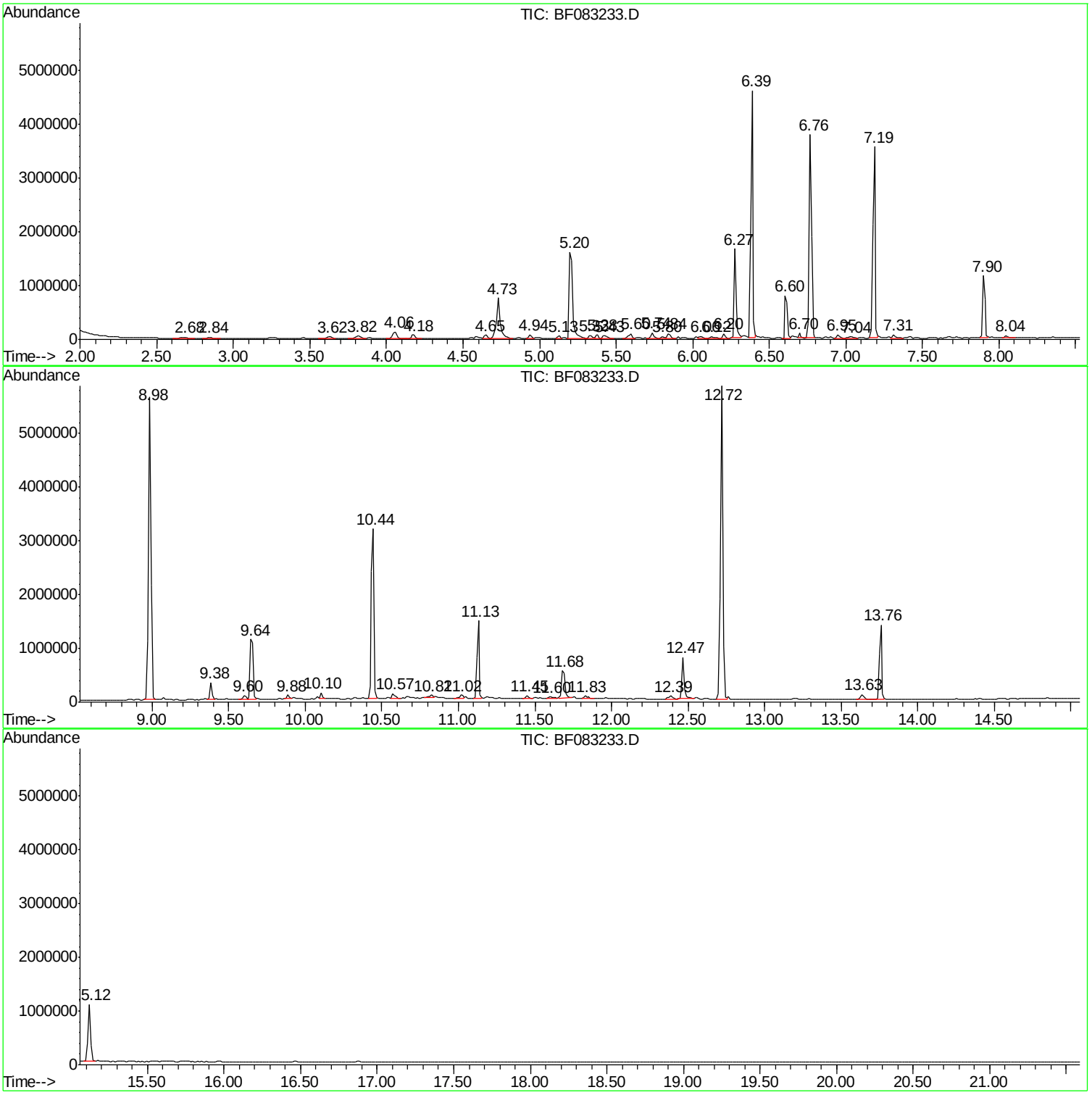
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083233.D
Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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\BF112415\
Data File : BF083233.D
Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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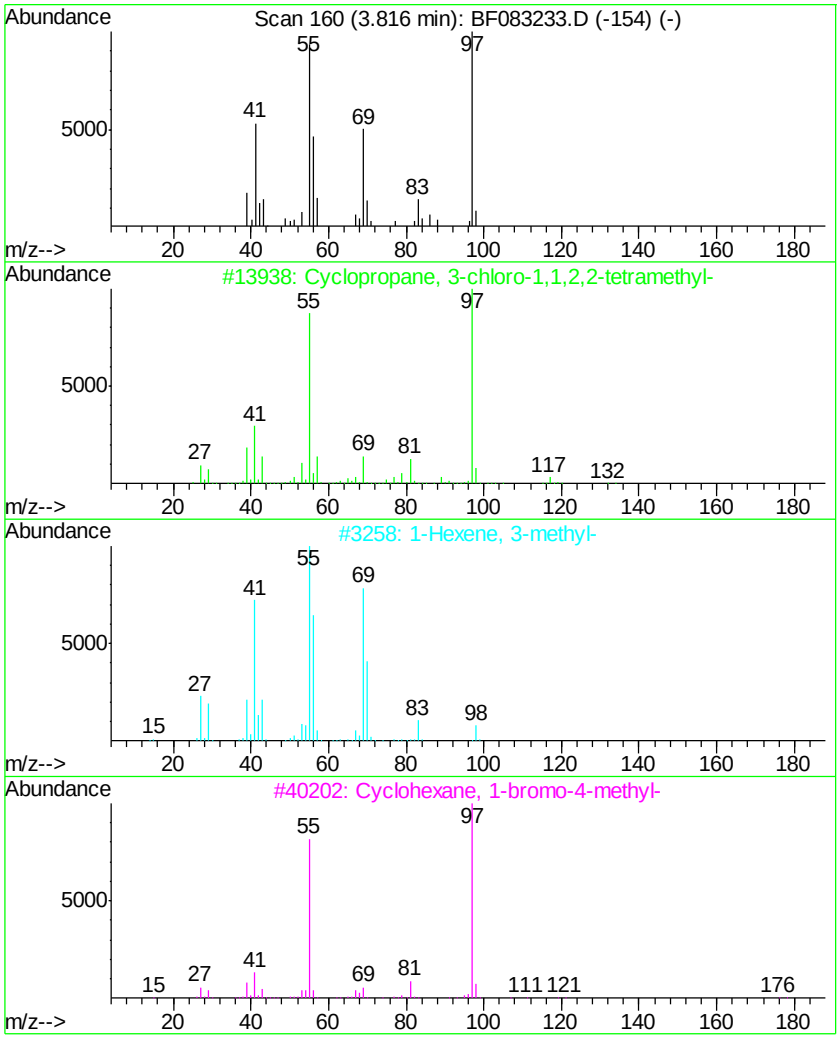
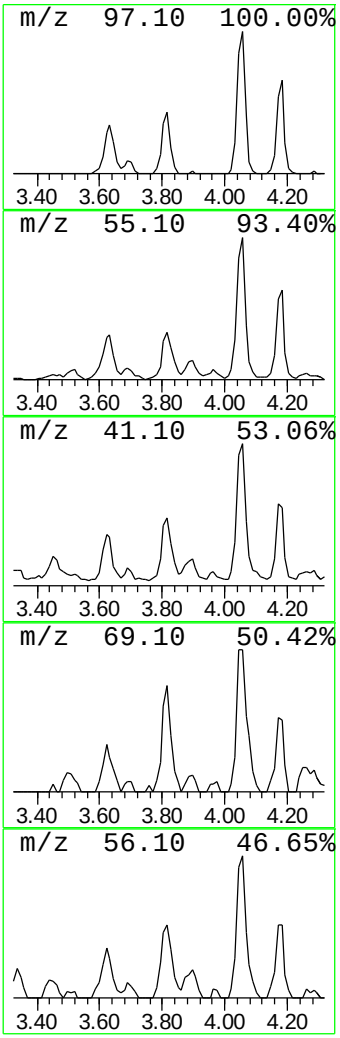
Peak Number 1 unknown3.82 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	2.27 ng	117966	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 3-chloro-1,1,2,2-t...	132	C7H13Cl	014123-41-2	47
2	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	38
3	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	38
4	Cycloheptane, bromo-	176	C7H13Br	002404-35-5	38
5	1H-Pyrrole-2,5-dione	97	C4H3NO2	000541-59-3	35





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083233.D
Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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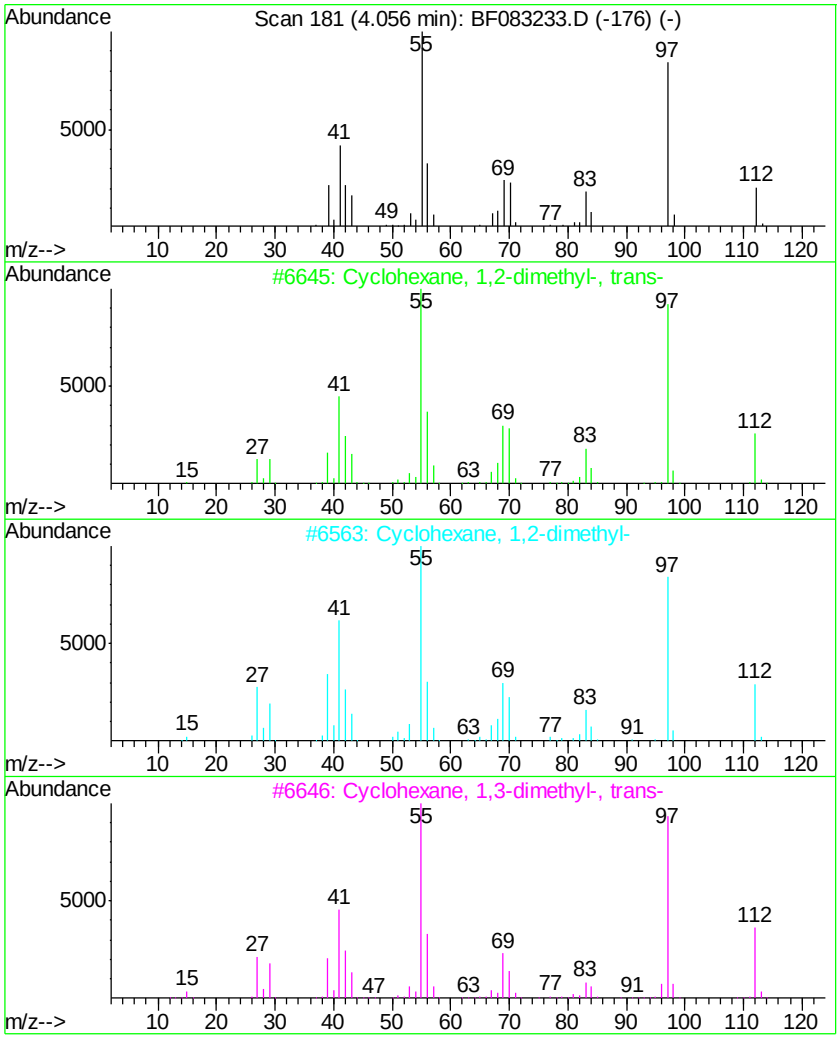
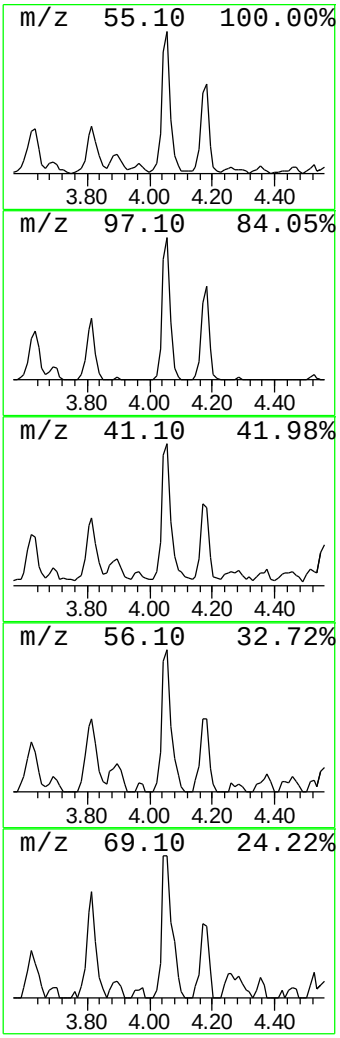
Peak Number 2 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	4.86 ng	252408	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	96
2	Cyclohexane, 1,2-dimethyl-	112	C8H16	000583-57-3	94
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	80
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083233.D
Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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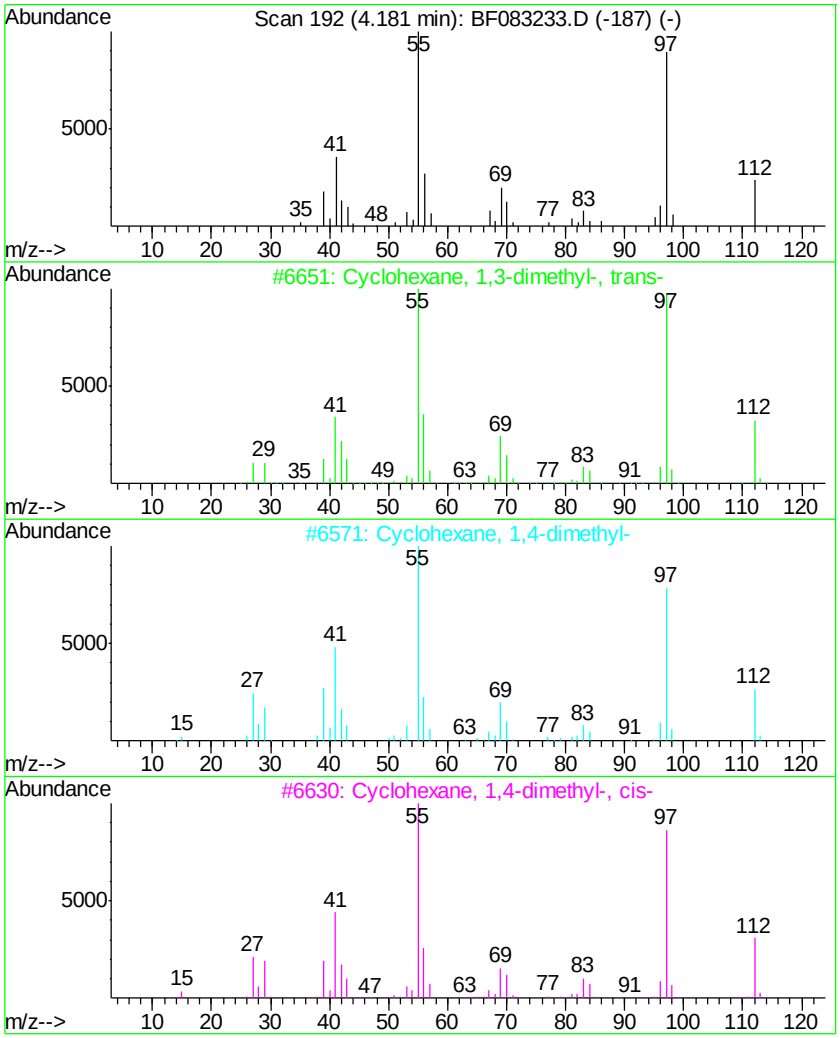
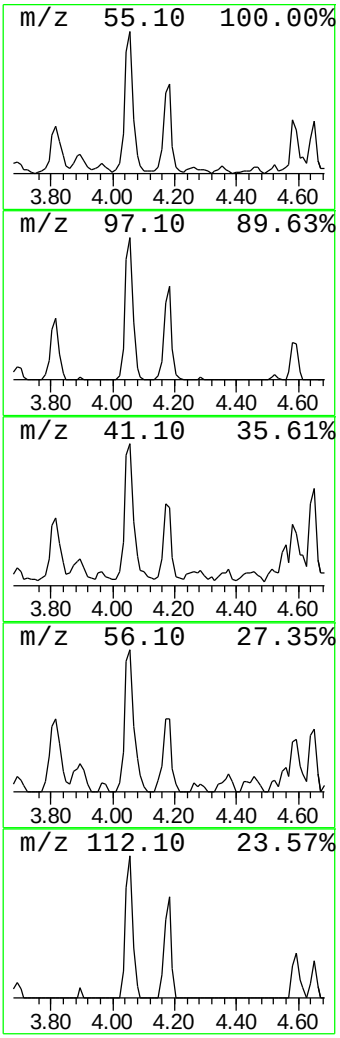
Peak Number 3 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	2.53 ng	131453	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
5	1,3-Dimethylcyclohexane,c&t	112	C8H16	000591-21-9	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083233.D
Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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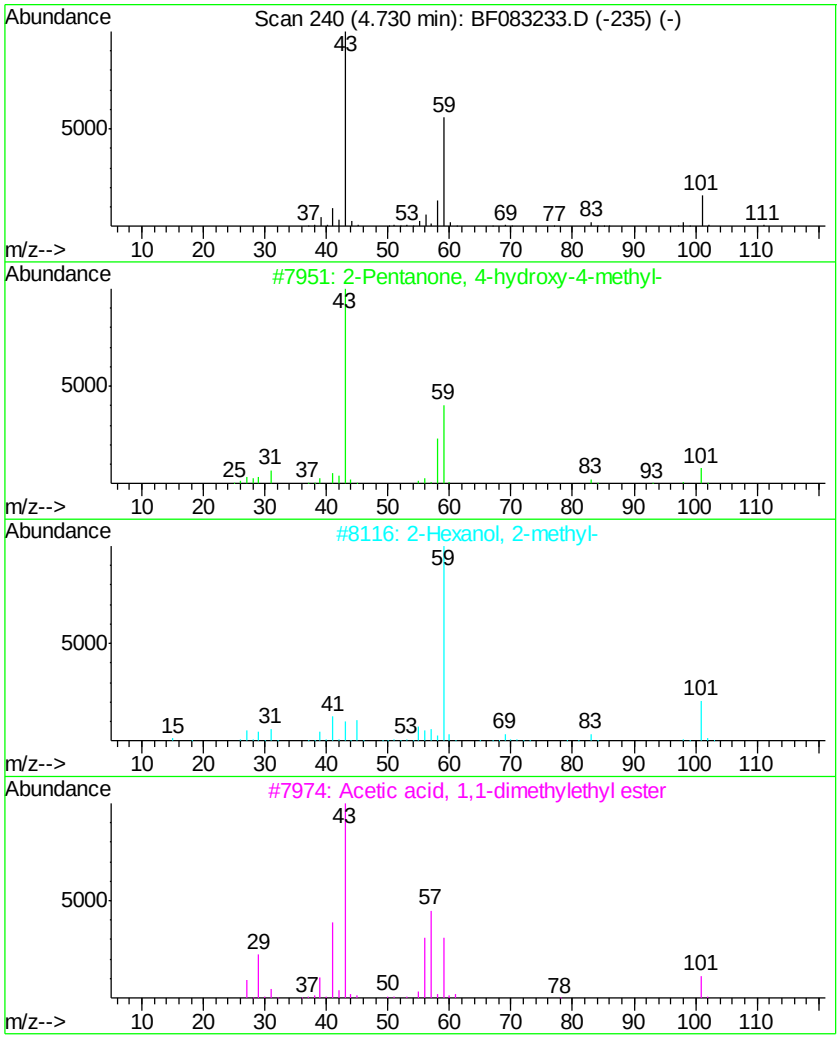
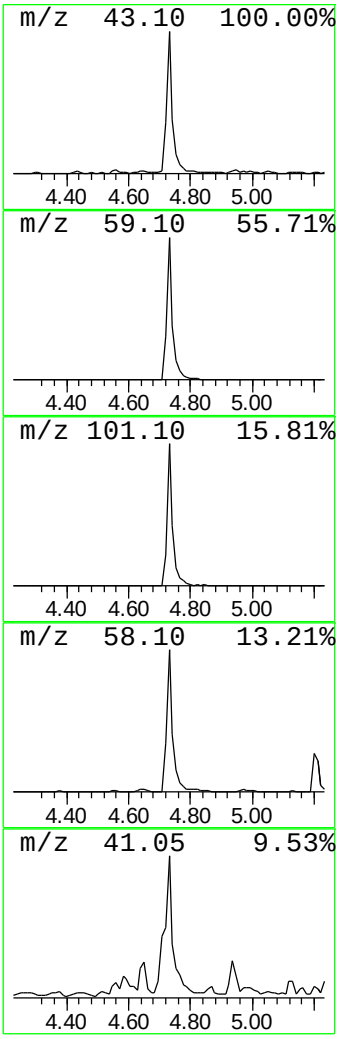
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	23.52 ng	1221960	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083233.D
Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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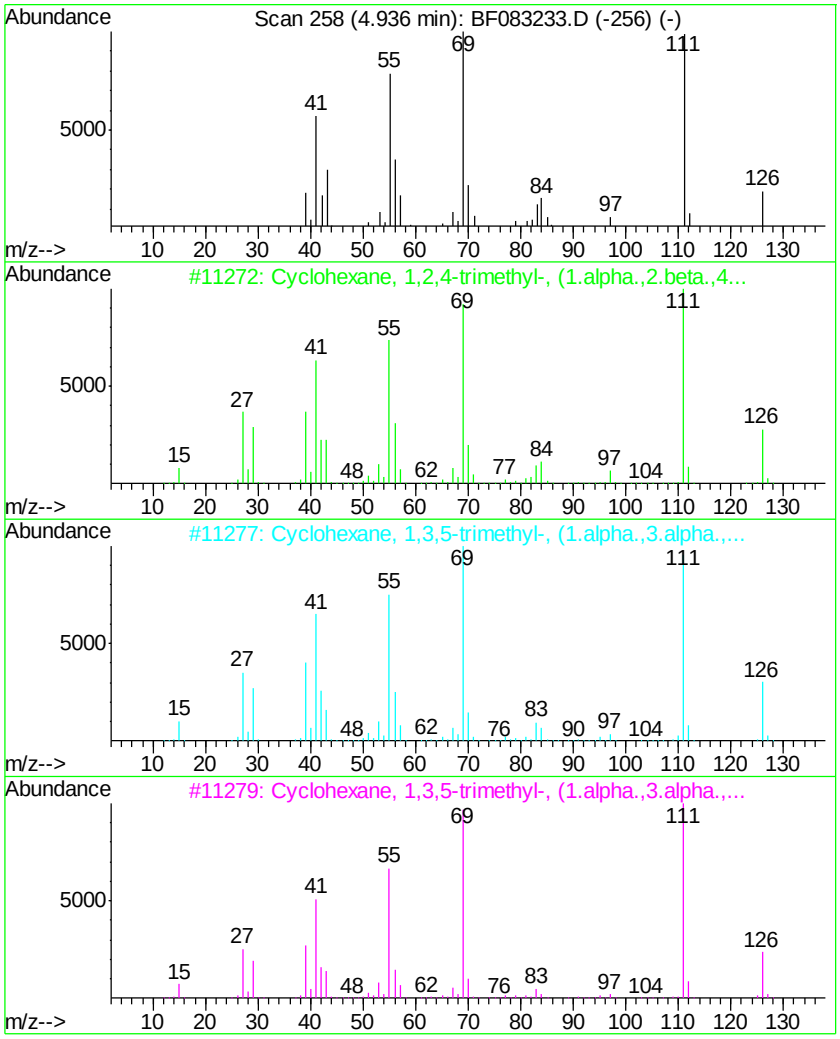
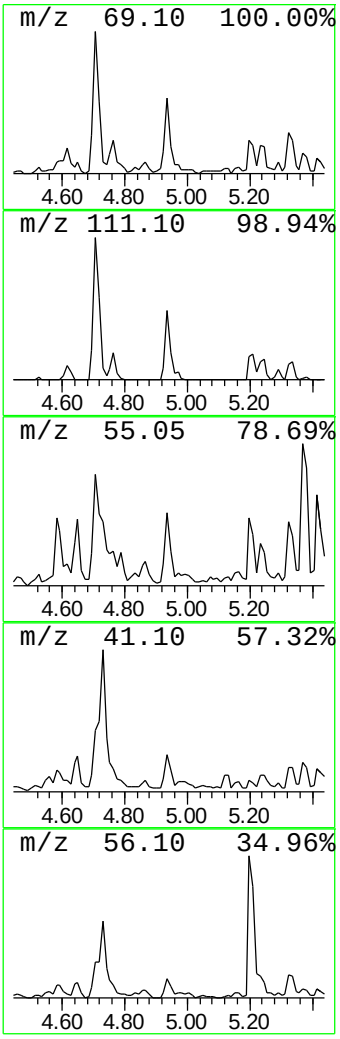
Peak Number 5 Cyclohexane, 1,2,4-trimethy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	2.01 ng	104178	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	86
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	80
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	70
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083233.D
Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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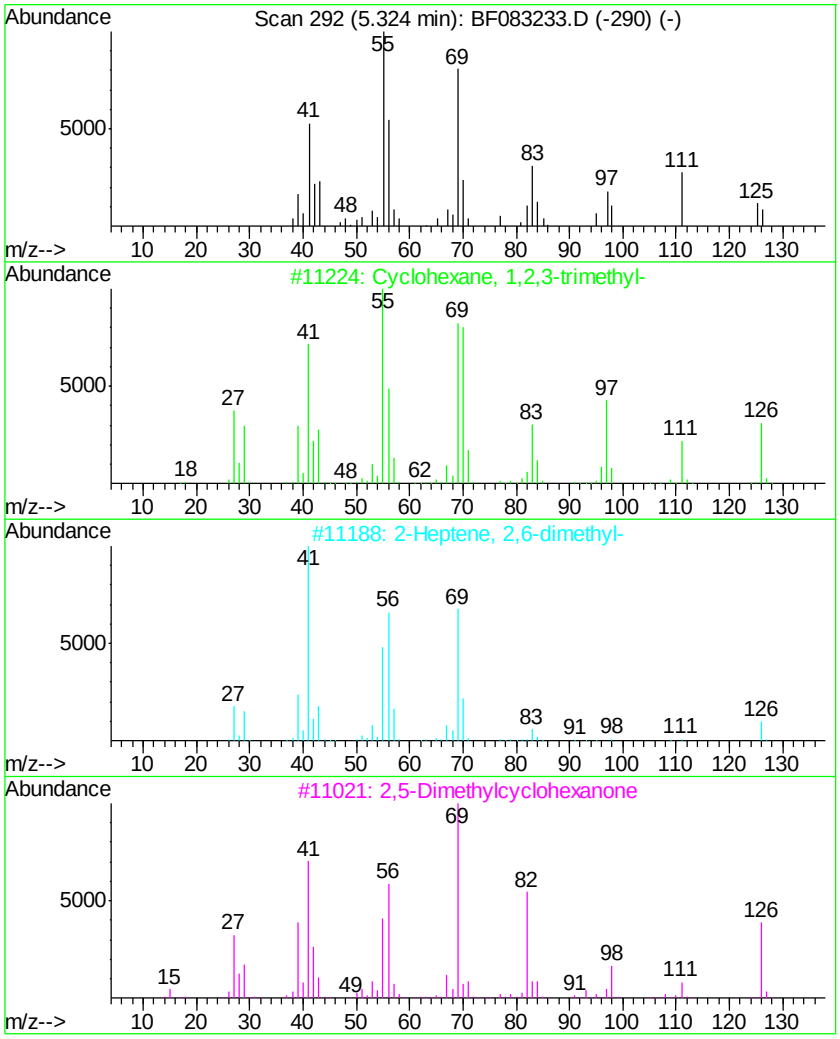
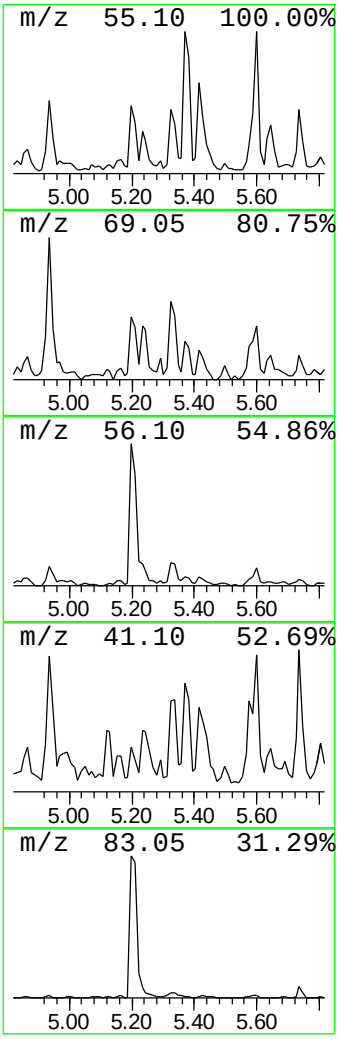
Peak Number 6 Cyclohexane, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	2.09 ng	108551	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	64
2	2-Heptene, 2,6-dimethyl-	126	C9H18	005557-98-2	52
3	2,5-Dimethylcyclohexanone	126	C8H14O	000932-51-4	50
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	49
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083233.D
Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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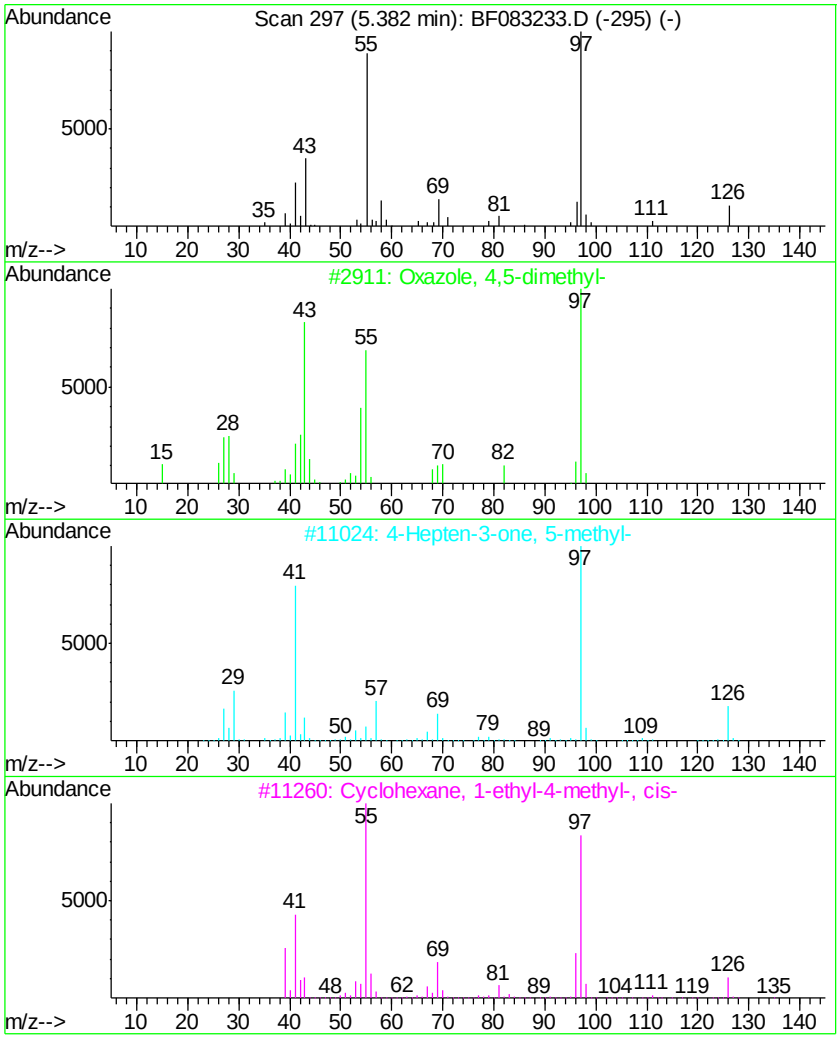
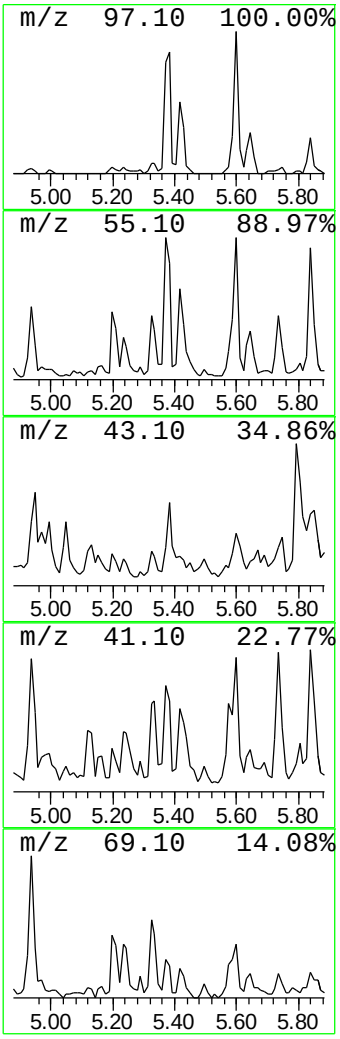
Peak Number 7 Oxazole, 4,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	2.26 ng	117597	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	64
2	4-Hepten-3-one, 5-methyl-	126	C8H14O	001447-26-3	53
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	50
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	50
5	2-Pyrazoline, 5-ethyl-1,4-dimethyl-	126	C7H14N2	014339-23-2	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083233.D
Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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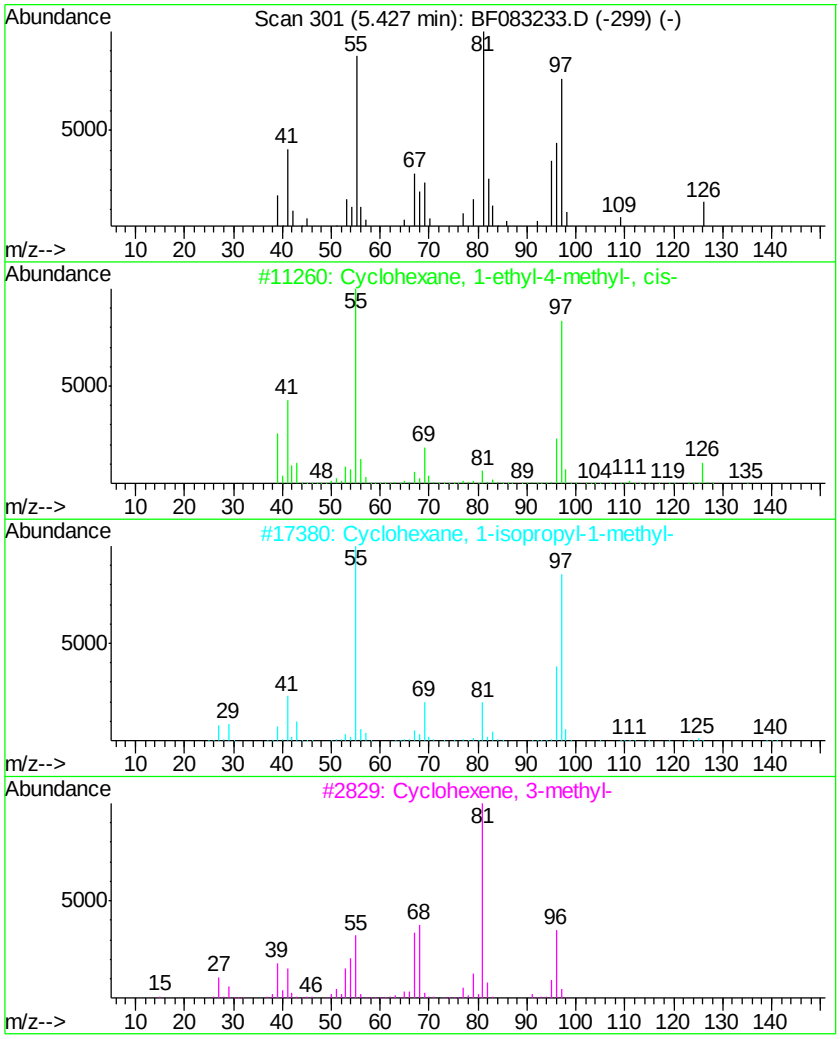
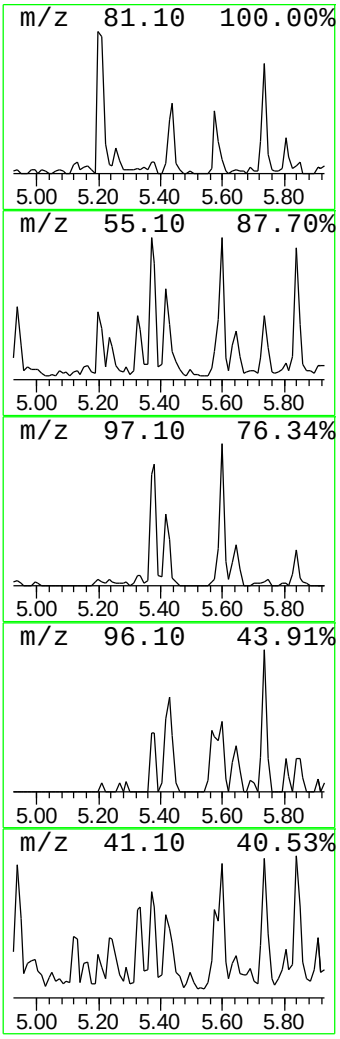
Peak Number 8 unknown5.43 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	2.19 ng	114001	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	46
2	Cyclohexane, 1-isopropyl-1-methyl-	140	C10H20	016580-26-0	43
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	43
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43
5	Cyclopropanemethanol, 2,2,3,3-te...	128	C8H16O	002415-96-5	38





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Data File : BF083233.D
Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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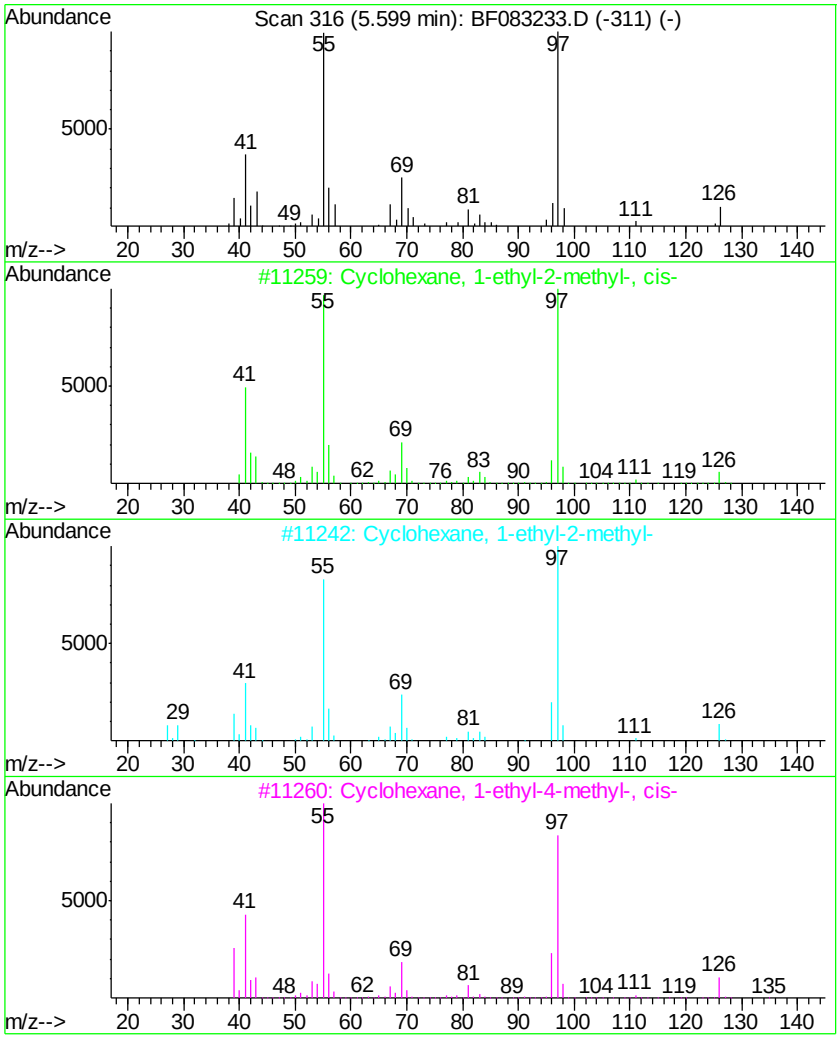
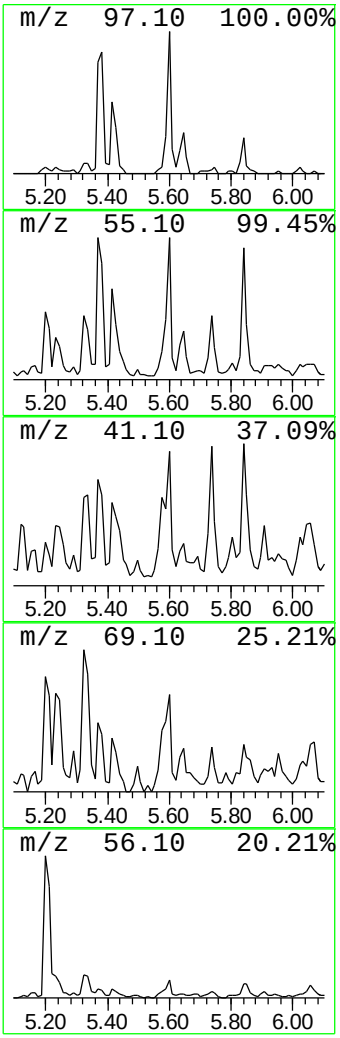
Peak Number 9 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	3.60 ng	186947	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	91
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	90
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	80
4	1,3-Dimethylcyclohexane,c&t	112	C8H16	000591-21-9	64
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64





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Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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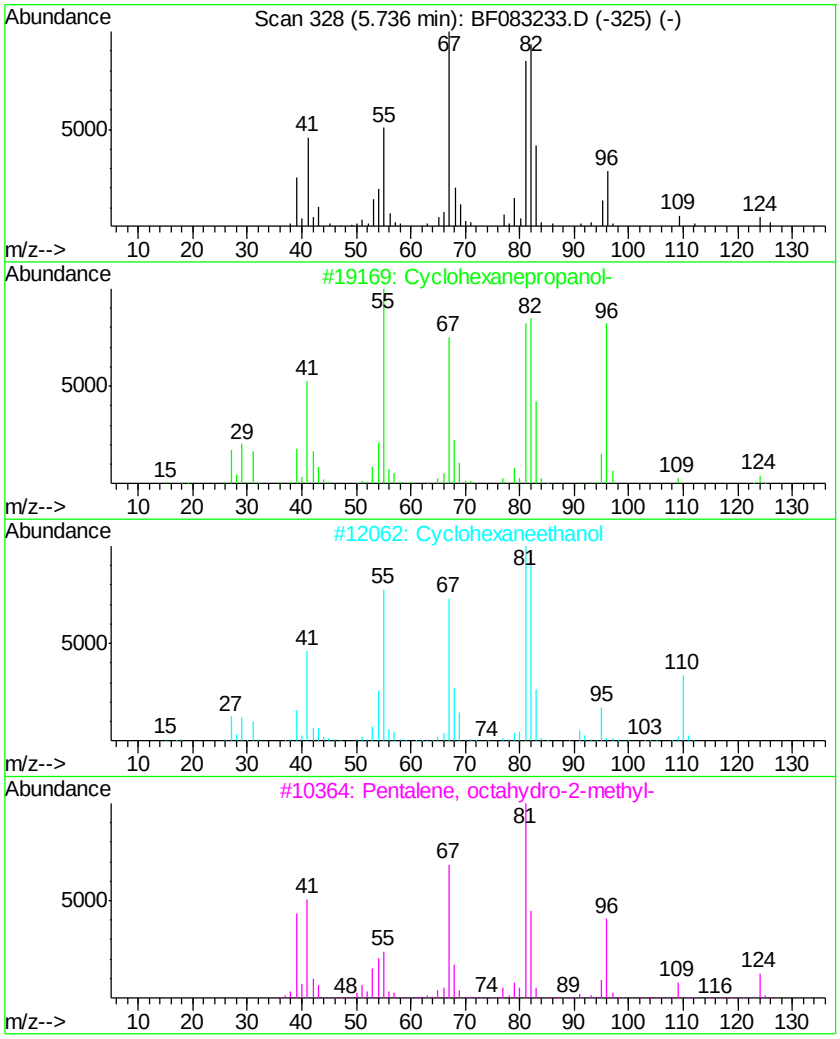
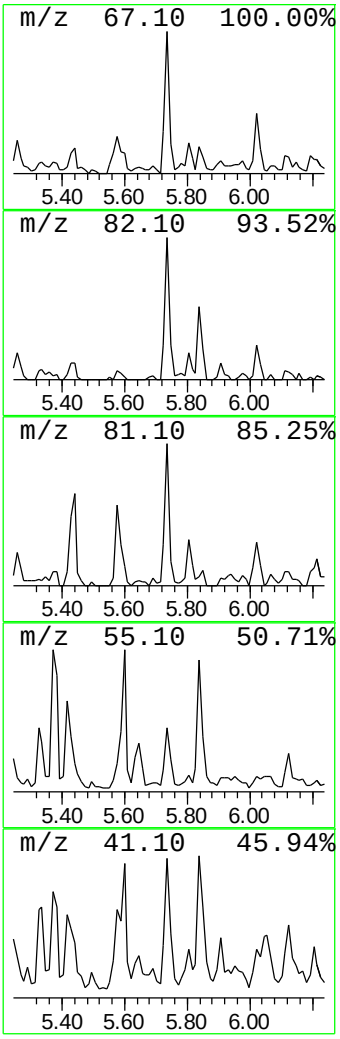
Peak Number 10 Cyclohexanepropanol- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	2.63 ng	136657	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanepropanol-	142	C9H18O	001124-63-6	86
2	Cyclohexaneethanol	128	C8H16O	004442-79-9	53
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	53
4	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	49
5	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	43





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Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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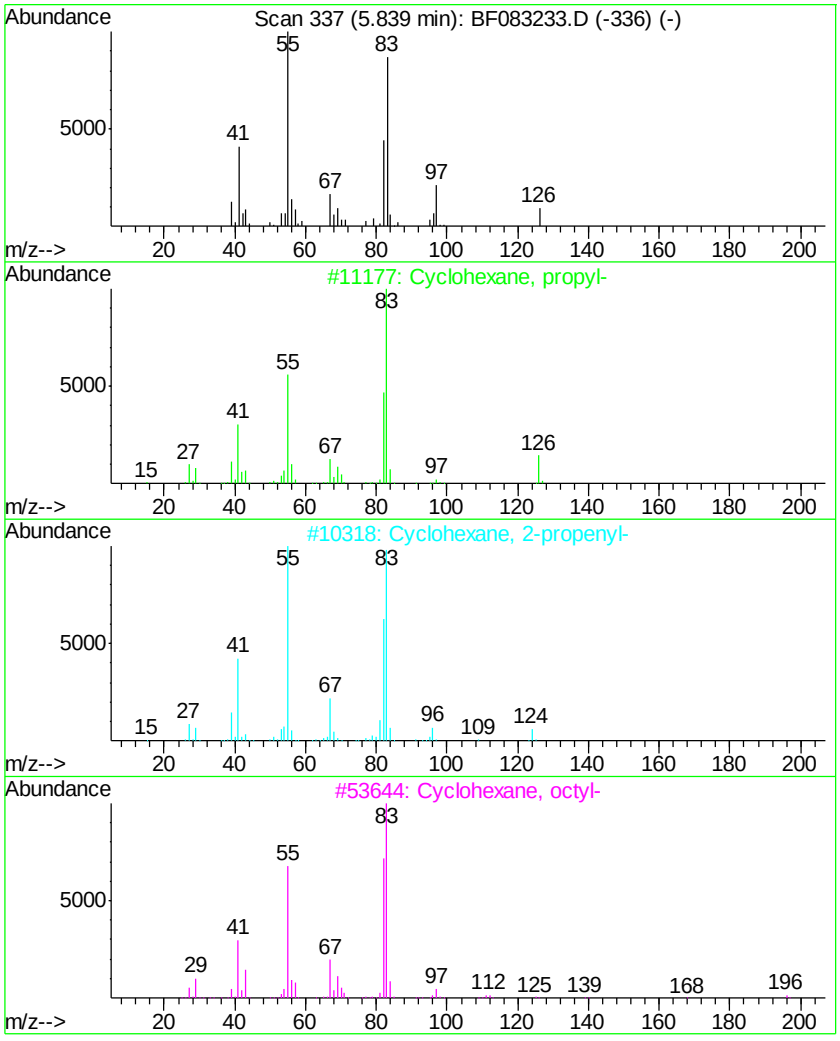
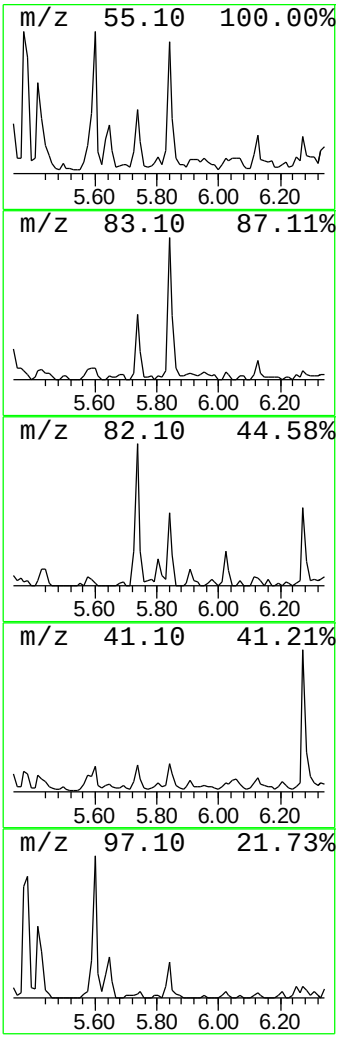
Peak Number 11 Cyclohexane, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	2.17 ng	112762	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	59
4	Cyclohexane, decyl-	224	C16H32	001795-16-0	53
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49





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Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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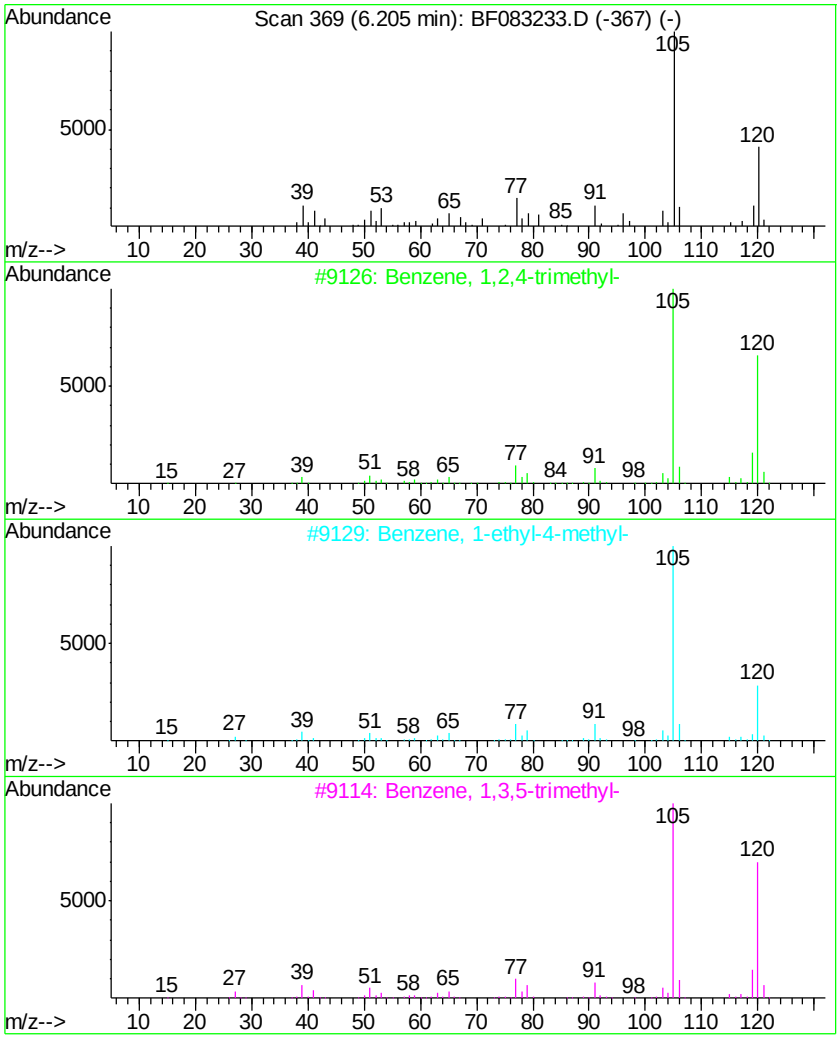
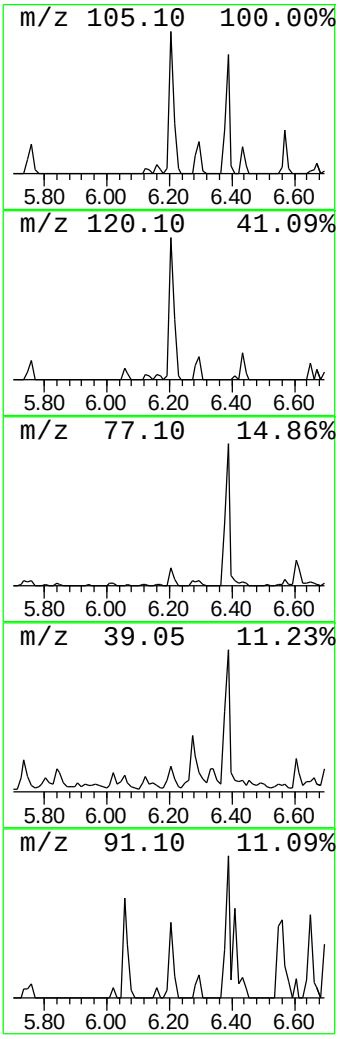
Peak Number 12 Benzene, 1,2,4-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	2.07 ng	107401	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





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Data File : BF083233.D
Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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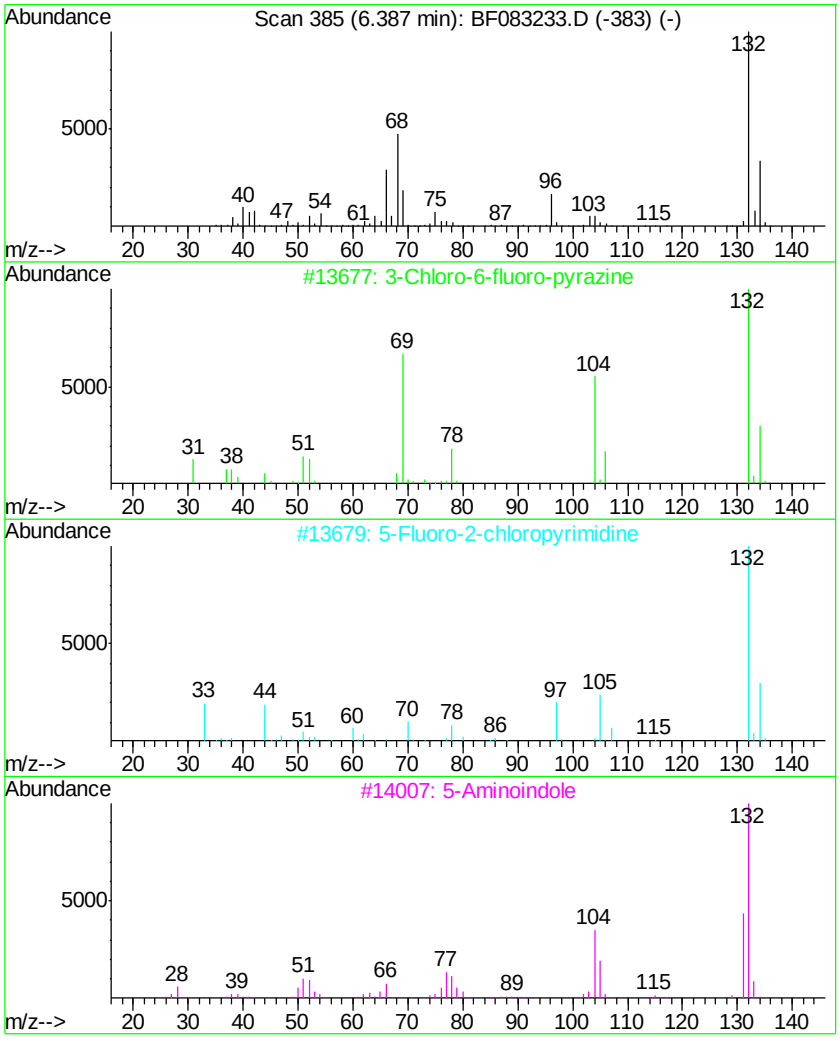
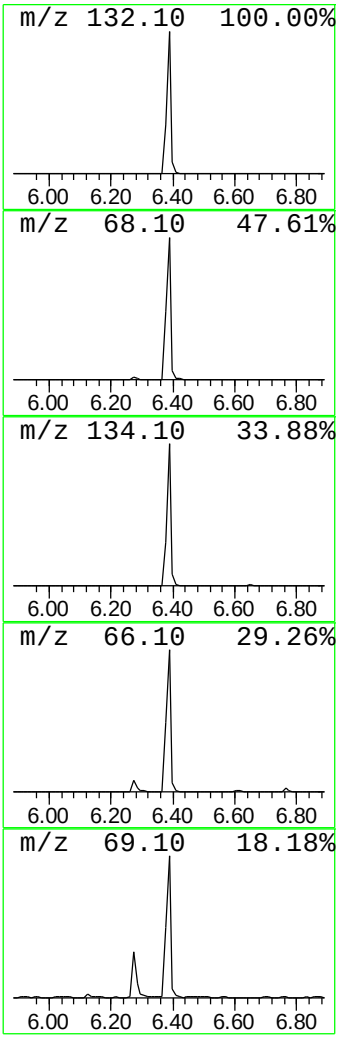
Peak Number 13 unknown6.39 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	91.10 ng	4732950	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083233.D
Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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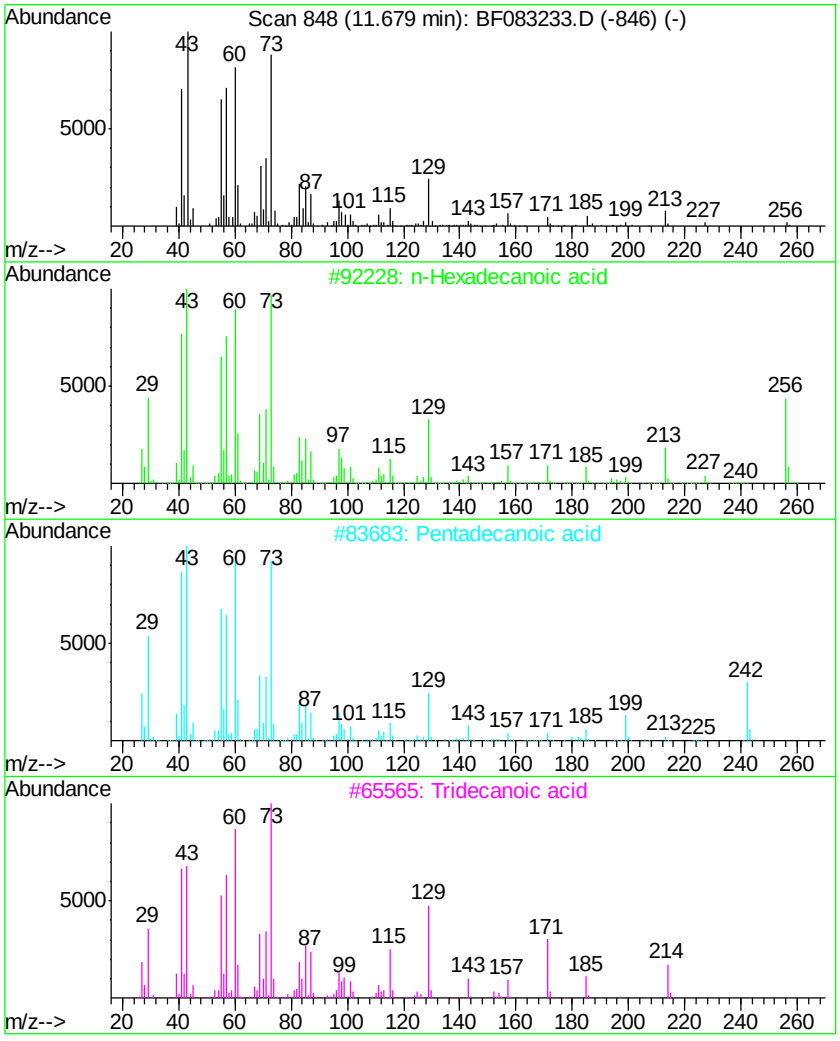
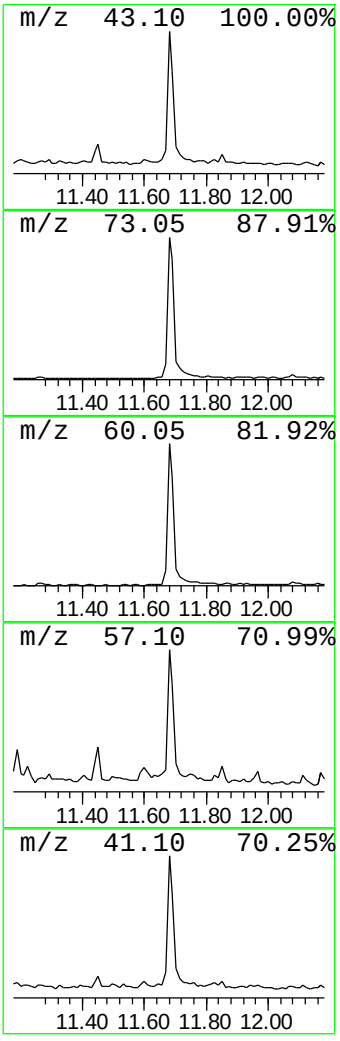
Peak Number 15 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	9.73 ng	768115	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Undecanoic acid	186	C11H22O2	000112-37-8	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





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Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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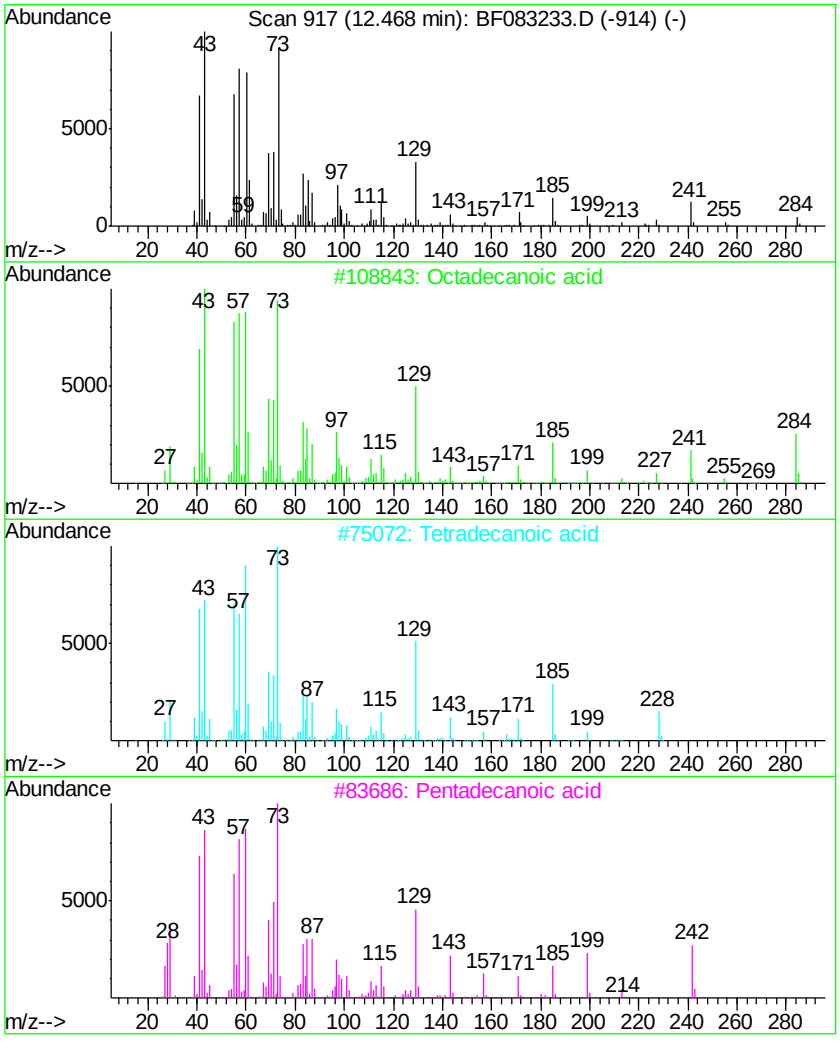
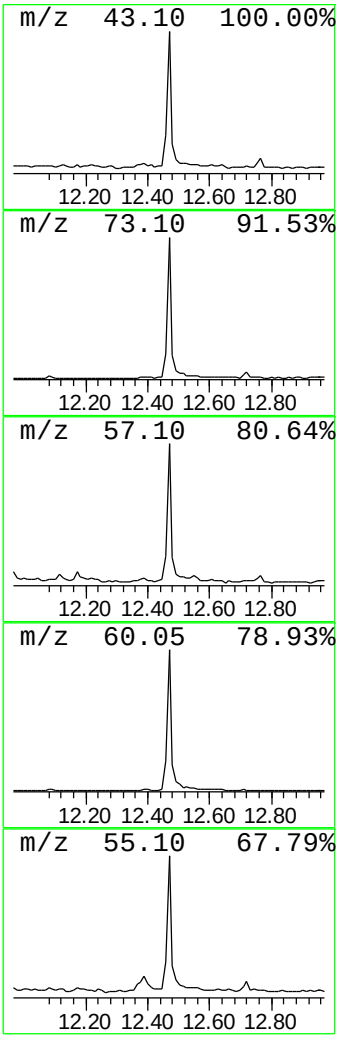
Peak Number 16 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	9.83 ng	796693	Chrysene-d12	13.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083233.D
Acq On : 24 Nov 2015 13:24
Operator : UM/IZ
Sample : G4503-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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
unknown3.82	3.82	2.3	ng	117966	1	6.62	1039080	20.0
Cyclohexane, 1,2-...	4.06	4.9	ng	252408	1	6.62	1039080	20.0
Cyclohexane, 1,3-...	4.18	2.5	ng	131453	1	6.62	1039080	20.0
2-Pentanone, 4-hy...	4.73	23.5	ng	1221960	1	6.62	1039080	20.0
Cyclohexane, 1,2,...	4.94	2.0	ng	104178	1	6.62	1039080	20.0
Cyclohexane, 1,2,...	5.32	2.1	ng	108551	1	6.62	1039080	20.0
Oxazole, 4,5-dime...	5.38	2.3	ng	117597	1	6.62	1039080	20.0
unknown5.43	5.43	2.2	ng	114001	1	6.62	1039080	20.0
Cyclohexane, 1-et...	5.60	3.6	ng	186947	1	6.62	1039080	20.0
Cyclohexanepropanol-	5.74	2.6	ng	136657	1	6.62	1039080	20.0
Cyclohexane, propyl-	5.84	2.2	ng	112762	1	6.62	1039080	20.0
Benzene, 1,2,4-tr...	6.20	2.1	ng	107401	1	6.62	1039080	20.0
unknown6.39	6.39	91.1	ng	4732950	1	6.62	1039080	20.0
n-Hexadecanoic acid	11.68	9.7	ng	768115	4	11.13	1578630	20.0
Octadecanoic acid	12.47	9.8	ng	796693	5	13.76	1620700	20.0