LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083234.D
Acq On : 24 Nov 2015 13:53
Operator : UM/IZ
Sample : G4503-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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	4.056	177	181	187	rVB3	23838	62762	1.11%	0.103%
2	4.604	227	229	231	rBV	62468	112776	2.00%	0.184%
3	4.650	231	233	235	rVV	82599	123687	2.19%	0.202%
4	4.730	237	240	247	rVV	1321364	2155669	38.22%	3.526%
5	4.867	250	252	256	rVB	43833	69346	1.23%	0.113%
6	4.947	256	259	263	rBV3	37961	92547	1.64%	0.151%
7	5.210	280	282	285	rBV	3270452	3799321	67.36%	6.214%
8	5.336	291	293	295	rBV2	55038	89158	1.58%	0.146%
9	5.382	295	297	299	rVB	109311	136492	2.42%	0.223%
10	5.427	299	301	306	rVB2	33026	82797	1.47%	0.135%
11	5.542	310	311	314	rBV2	112412	210451	3.73%	0.344%
12	5.736	326	328	329	rBV	88335	108540	1.92%	0.178%
13	5.770	329	331	336	rVV	340879	474667	8.42%	0.776%
14	5.839	336	337	340	rVV2	186572	264749	4.69%	0.433%
15	5.907	340	343	346	rVV2	94480	176213	3.12%	0.288%
16	5.964	346	348	350	rVV3	50894	80772	1.43%	0.132%
17	6.044	350	355	358	rVB2	282847	637612	11.30%	1.043%
18	6.113	358	361	364	rBV3	119655	256182	4.54%	0.419%
19	6.170	364	366	368	rVV	150065	252582	4.48%	0.413%
20	6.204	368	369	371	rVV2	129615	154175	2.73%	0.252%
21	6.284	374	376	378	rVV	2990926	3357145	59.52%	5.491%
22	6.330	378	380	383	rVV2	412955	664629	11.78%	1.087%
23	6.387	383	385	388	rVV	5038871	5052634	89.58%	8.264%
24	6.456	390	391	393	rVV2	118609	127761	2.27%	0.209%
25	6.490	393	394	396	rVB	96817	82112	1.46%	0.134%
26	6.570	398	401	403	rBV	51320	60053	1.06%	0.098%
27	6.605	403	404	406	rVV	832333	1079810	19.14%	1.766%
28	6.650	406	408	411	rVV3	303892	485527	8.61%	0.794%
29	6.696	411	412	416	rVV2	236816	288159	5.11%	0.471%
30	6.765	416	418	421	rVV	3742051	3979412	70.55%	6.508%
31	6.845	421	425	429	rVV2	154550	347855	6.17%	0.569%
32	6.902	429	430	432	rVB	253269	233843	4.15%	0.382%
33	6.947	432	434	438	rVB	274265	350758	6.22%	0.574%
34	7.027	438	441	444	rBV2	312958	489685	8.68%	0.801%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083234.D
Acq On : 24 Nov 2015 13:53
Operator : UM/IZ
Sample : G4503-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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	7.107	444	448	451	rVV5	117709	249341	4.42%	0.408%
36	7.187	451	455	457	rVV	3222351	4162892	73.80%	6.809%
37	7.256	459	461	463	rVV	68732	145179	2.57%	0.237%
38	7.313	464	466	470	rVV2	261297	347641	6.16%	0.569%
39	7.393	470	473	474	rVV3	77524	136269	2.42%	0.223%
40	7.473	478	480	481	rVB	64412	75412	1.34%	0.123%
41	7.565	486	488	491	rVB3	88577	169491	3.00%	0.277%
42	7.622	491	493	494	rBV	215142	229193	4.06%	0.375%
43	7.725	499	502	505	rVB3	78325	195634	3.47%	0.320%
44	7.782	505	507	509	rVB2	86933	98249	1.74%	0.161%
45	7.827	509	511	512	rBV	171940	184124	3.26%	0.301%
46	7.896	515	517	520	rVB	1167316	1329973	23.58%	2.175%
47	7.953	520	522	524	rVB3	53926	79245	1.40%	0.130%
48	7.988	524	525	528	rVB2	101478	98953	1.75%	0.162%
49	8.045	528	530	535	rBV4	55755	135360	2.40%	0.221%
50	8.125	535	537	540	rBV4	71032	121533	2.15%	0.199%
51	8.182	540	542	543	rBV2	68882	93997	1.67%	0.154%
52	8.296	549	552	555	rBV2	171226	332173	5.89%	0.543%
53	8.353	555	557	559	rVV2	142420	212504	3.77%	0.348%
54	8.433	563	564	566	rVB2	58180	69713	1.24%	0.114%
55	8.490	567	569	572	rVB2	122347	136694	2.42%	0.224%
56	8.548	572	574	577	rBV2	45975	72384	1.28%	0.118%
57	8.593	577	578	581	rBV2	68843	95615	1.70%	0.156%
58	8.685	584	586	592	rVB7	57008	153995	2.73%	0.252%
59	8.799	592	596	597	rBV3	65265	170438	3.02%	0.279%
60	8.868	599	602	603	rVV3	83596	159159	2.82%	0.260%
61	8.890	603	604	608	rVV4	166741	302814	5.37%	0.495%
62	8.982	610	612	615	rVV	5155827	5640612	100.00%	9.225%
63	9.073	618	620	624	rBV2	152454	229772	4.07%	0.376%
64	9.153	625	627	631	rVB3	48843	97668	1.73%	0.160%
65	9.222	631	633	634	rBV	66473	90803	1.61%	0.149%
66	9.325	640	642	643	rBV2	41570	62124	1.10%	0.102%
67	9.382	645	647	649	rVB	486621	438741	7.78%	0.718%
68	9.519	657	659	663	rVB4	140077	208285	3.69%	0.341%
69	9.599	664	666	668	rVB2	129345	187857	3.33%	0.307%
70	9.645	668	670	673	rBV	1135355	1627186	28.85%	2.661%
71	9.816	683	685	687	rBV2	59789	101628	1.80%	0.166%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083234.D
Acq On : 24 Nov 2015 13:53
Operator : UM/IZ
Sample : G4503-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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

72	10.079	706	708	709	rBV2	78974	93221	1.65%	0.152%
73	10.136	712	713	715	rVB2	65226	59681	1.06%	0.098%
74	10.319	727	729	732	rBV2	47734	102330	1.81%	0.167%
75	10.445	737	740	742	rVB	2980826	3818651	67.70%	6.245%
76	10.571	750	751	756	rVB2	126586	213221	3.78%	0.349%
77	10.674	758	760	761	rVB	56385	71384	1.27%	0.117%
78	11.016	788	790	792	rVB3	104175	124664	2.21%	0.204%
79	11.131	797	800	802	rBV	1443852	1611275	28.57%	2.635%
80	11.188	802	805	810	rVB2	45271	116294	2.06%	0.190%
81	11.451	825	828	830	rBV	76465	145058	2.57%	0.237%
82	11.599	839	841	844	rBV3	33796	75296	1.33%	0.123%
83	11.679	846	848	851	rVV2	585441	754901	13.38%	1.235%
84	12.388	907	910	914	rVB3	68011	140519	2.49%	0.230%
85	12.468	914	917	923	rBV	824798	875333	15.52%	1.432%
86	12.719	936	939	941	rBV	5348681	5559750	98.57%	9.093%
87	12.765	941	943	947	rVB	60320	87119	1.54%	0.142%
88	13.634	1016	1019	1023	rBV2	119028	193197	3.43%	0.316%
89	13.760	1027	1030	1032	rBV	1219656	1680447	29.79%	2.748%
90	15.120	1146	1149	1152	rBV	1057483	1237576	21.94%	2.024%

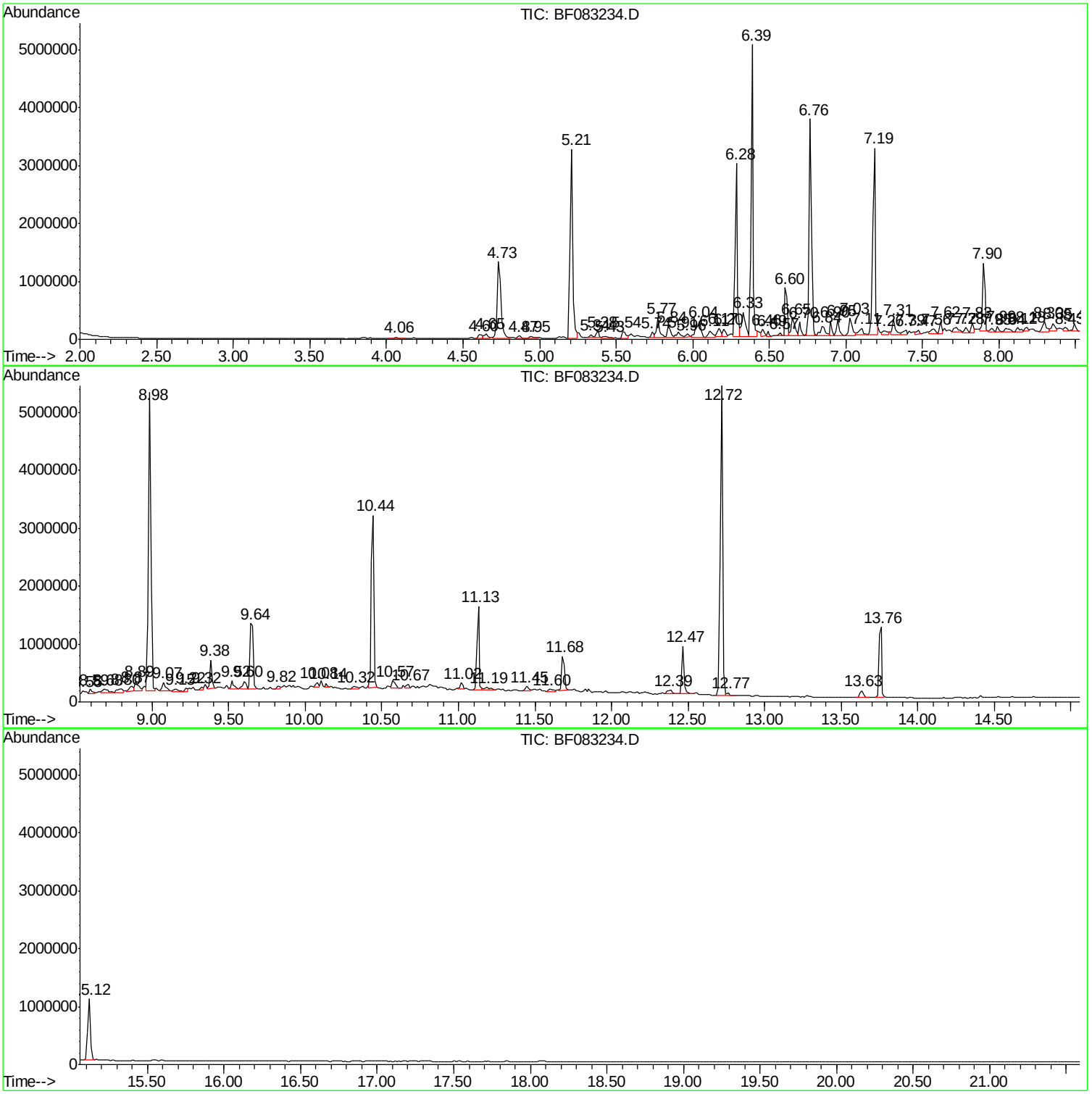
Sum of corrected areas: 61142449

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083234.D
Acq On : 24 Nov 2015 13:53
Operator : UM/IZ
Sample : G4503-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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 : BF083234.D
Acq On : 24 Nov 2015 13:53
Operator : UM/IZ
Sample : G4503-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

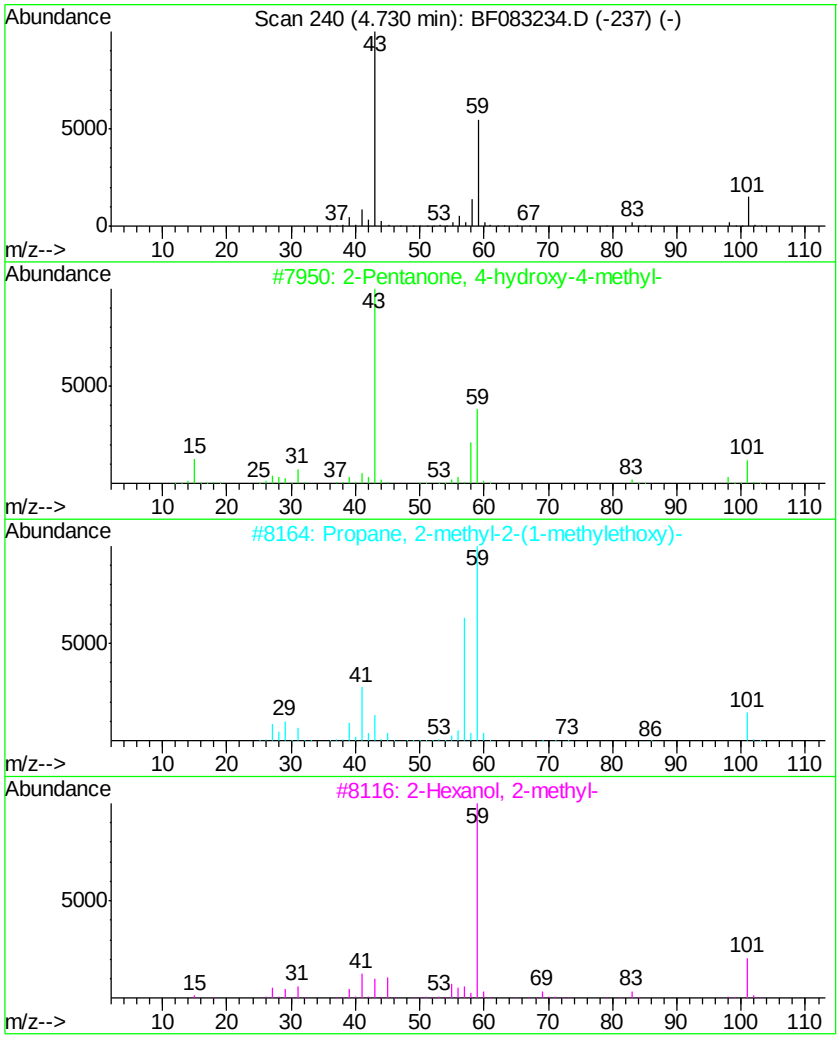
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

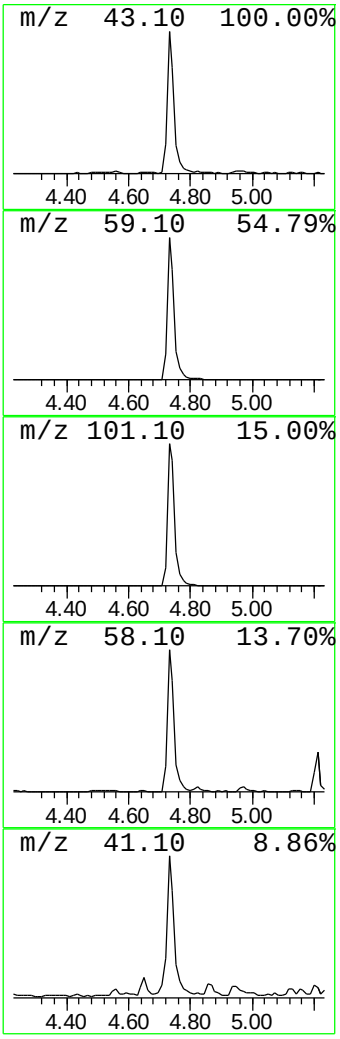
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	39.93 ng	2155670	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083234.D
Acq On : 24 Nov 2015 13:53
Operator : UM/IZ
Sample : G4503-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

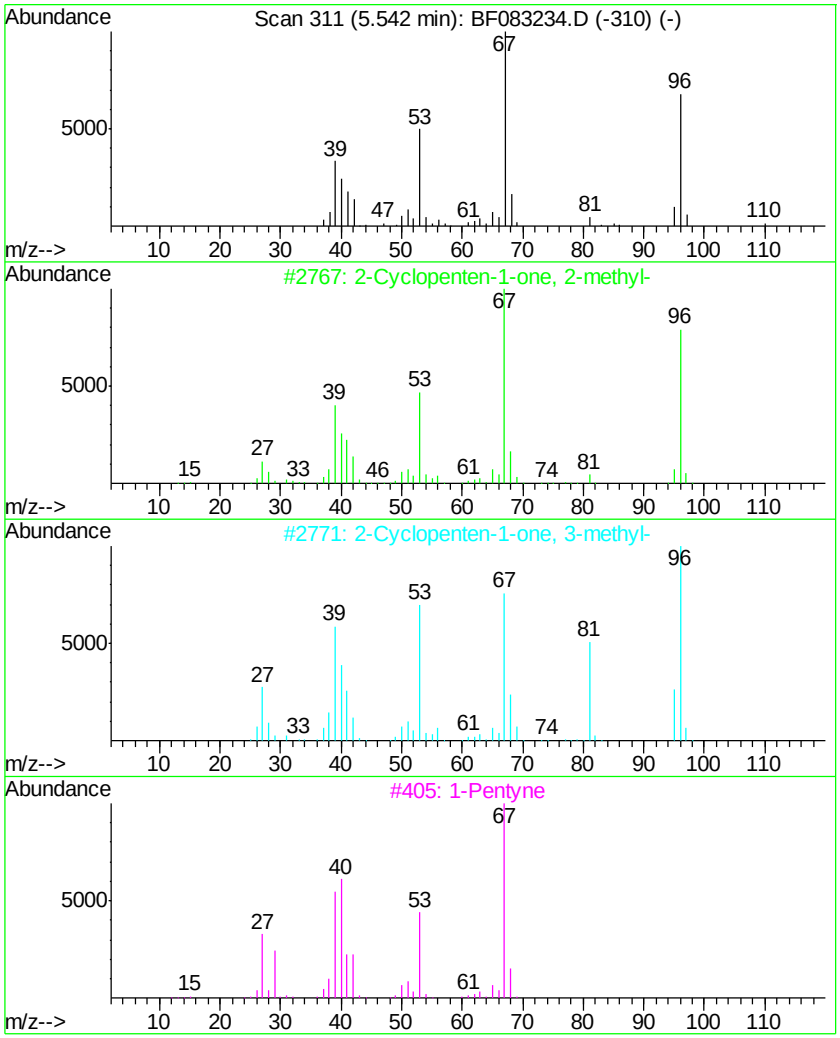
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

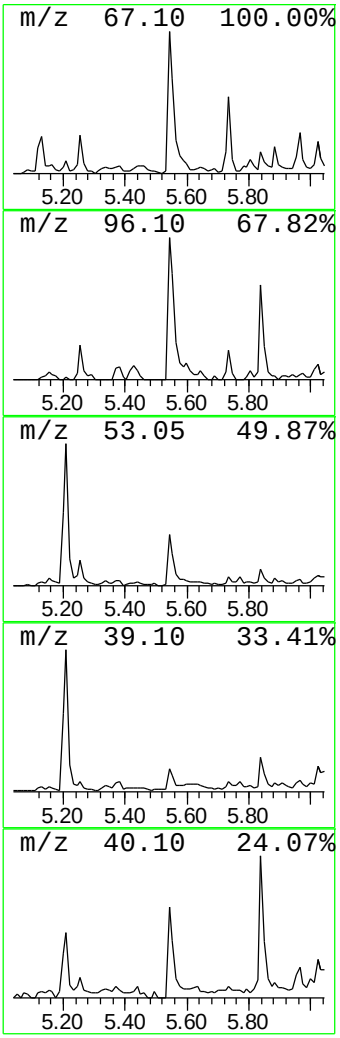
****

Peak Number 2 2-Cyclopenten-1-one, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	3.90 ng	210451	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	97
2	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	81
3	1-Pentyne	68	C5H8	000627-19-0	72
4	Spiropentane	68	C5H8	000157-40-4	64
5	Furan, 2,4-dimethyl-	96	C6H8O	003710-43-8	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083234.D
Acq On : 24 Nov 2015 13:53
Operator : UM/IZ
Sample : G4503-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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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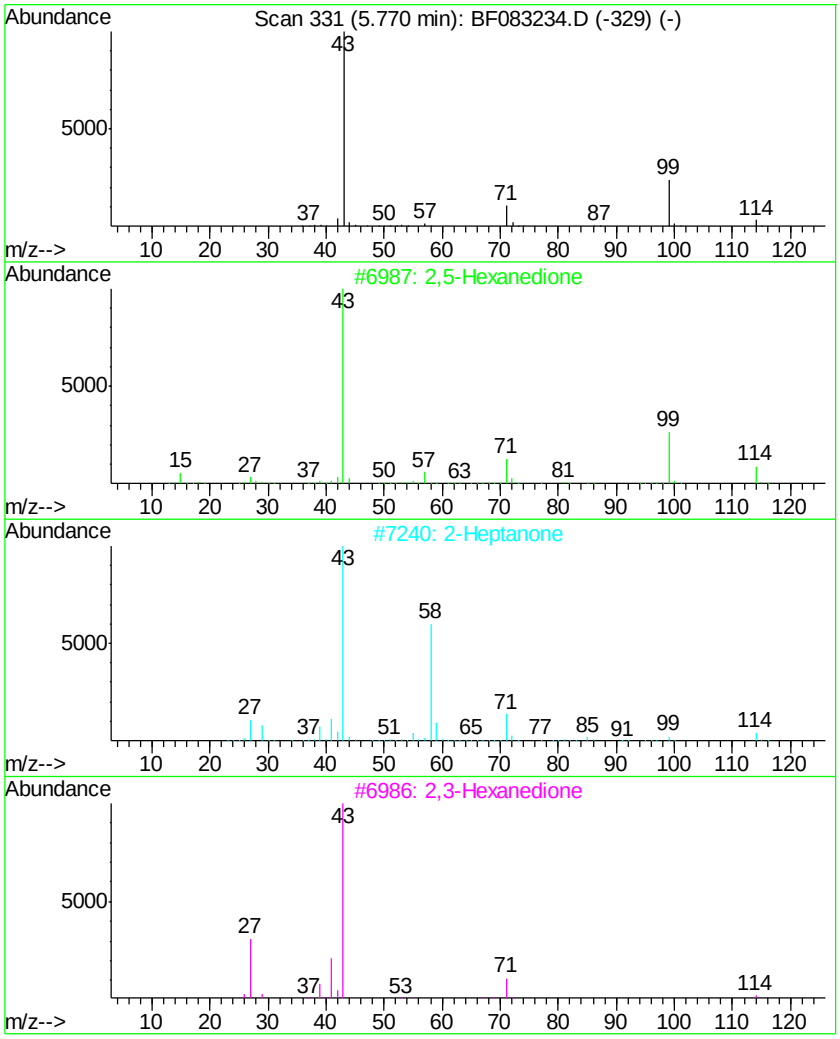
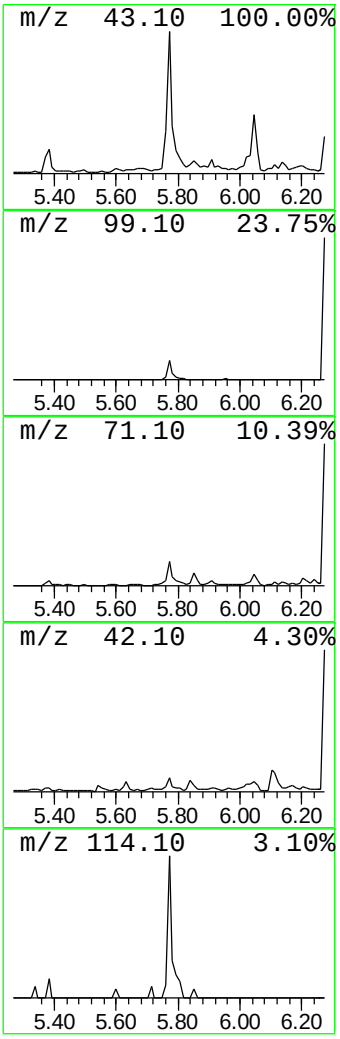
Peak Number 3 2,5-Hexanedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	8.79 ng	474667	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Hexanedione	114	C6H10O2	000110-13-4	50
2	2-Heptanone	114	C7H14O	000110-43-0	50
3	2,3-Hexanedione	114	C6H10O2	003848-24-6	9
4	2-Pentanone, 3-ethyl-	114	C7H14O	006137-03-7	9
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083234.D
Acq On : 24 Nov 2015 13:53
Operator : UM/IZ
Sample : G4503-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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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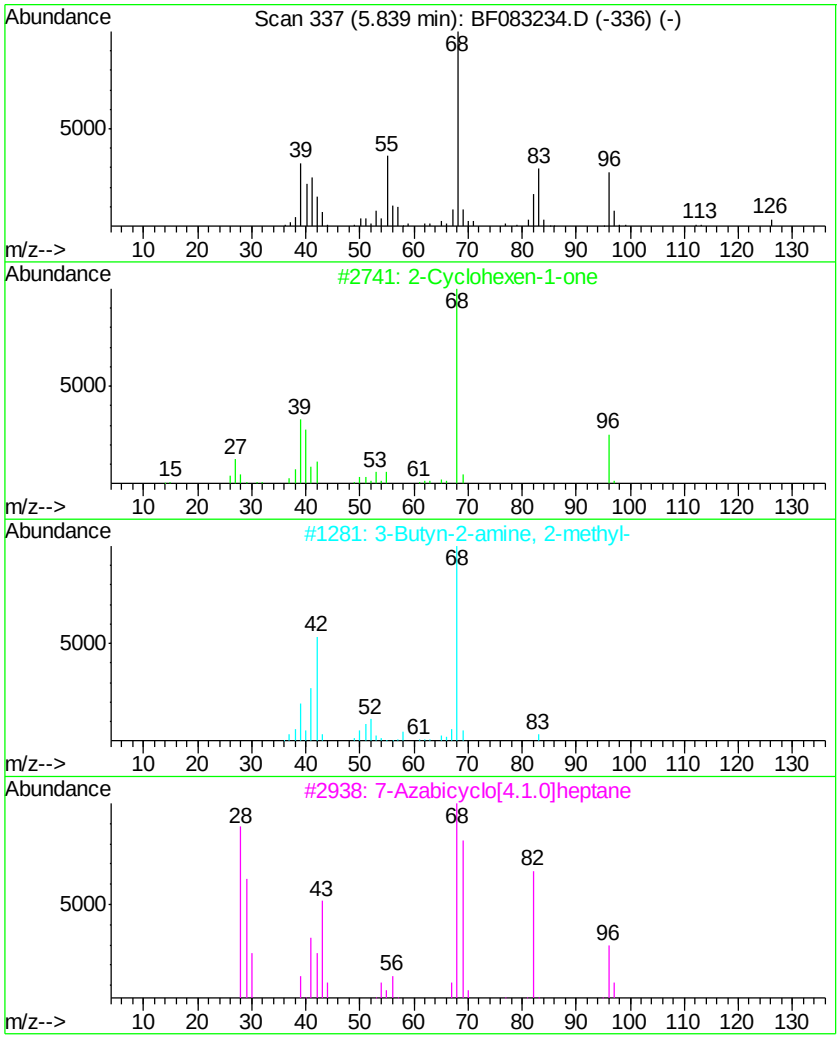
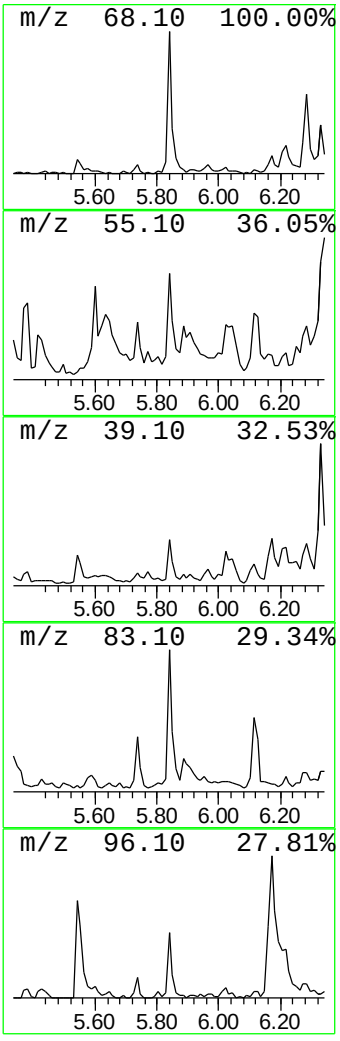
Peak Number 4 2-Cyclohexen-1-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	4.90 ng	264749	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	52
2	3-Butyn-2-amine, 2-methyl-	83	C5H9N	002978-58-7	43
3	7-Azabicyclo[4.1.0]heptane	97	C6H11N	000286-18-0	40
4	7-Oxabicyclo[2.2.1]hept-5-en-2-one	110	C6H6O2	095530-78-2	38
5	Proline, 3,4-didehydro-	113	C5H7NO2	003220-74-4	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083234.D
Acq On : 24 Nov 2015 13:53
Operator : UM/IZ
Sample : G4503-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

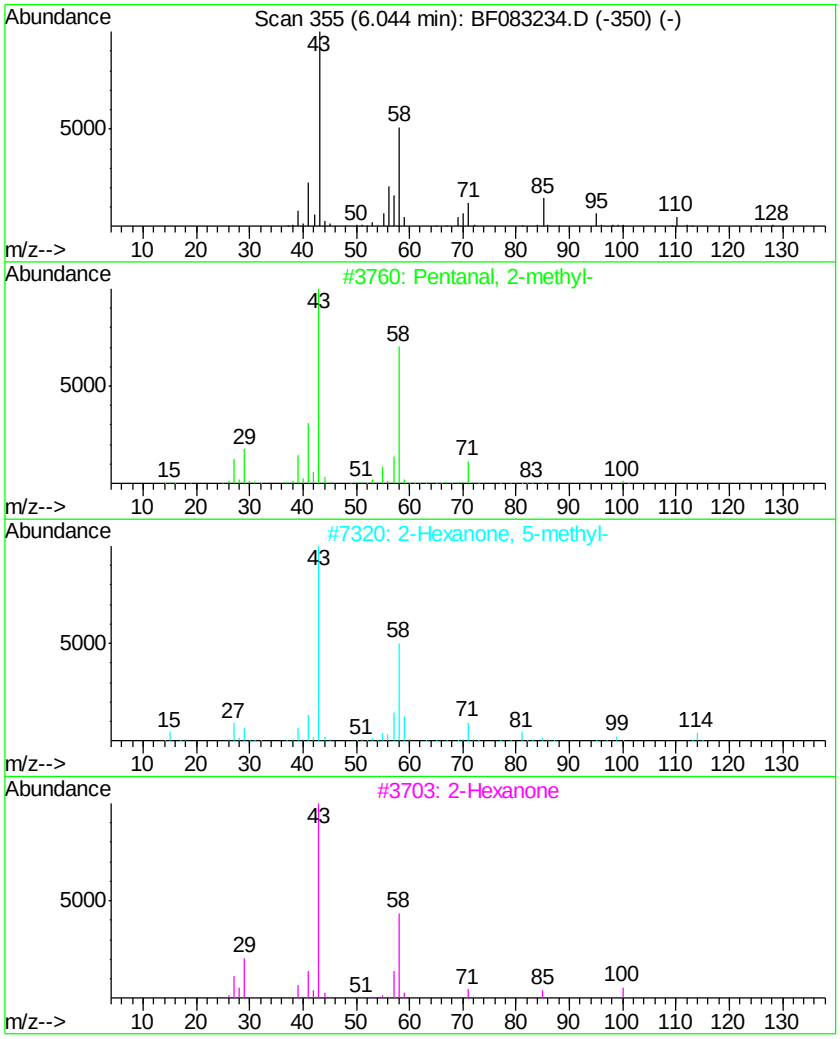
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

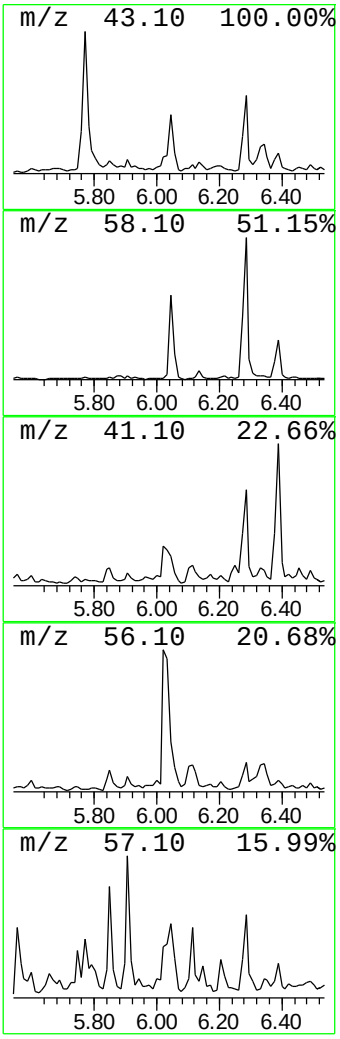
****

Peak Number 5 Pentanal, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	11.81 ng	637612	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	52
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	50
3	2-Hexanone	100	C6H12O	000591-78-6	50
4	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	50
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083234.D
Acq On : 24 Nov 2015 13:53
Operator : UM/IZ
Sample : G4503-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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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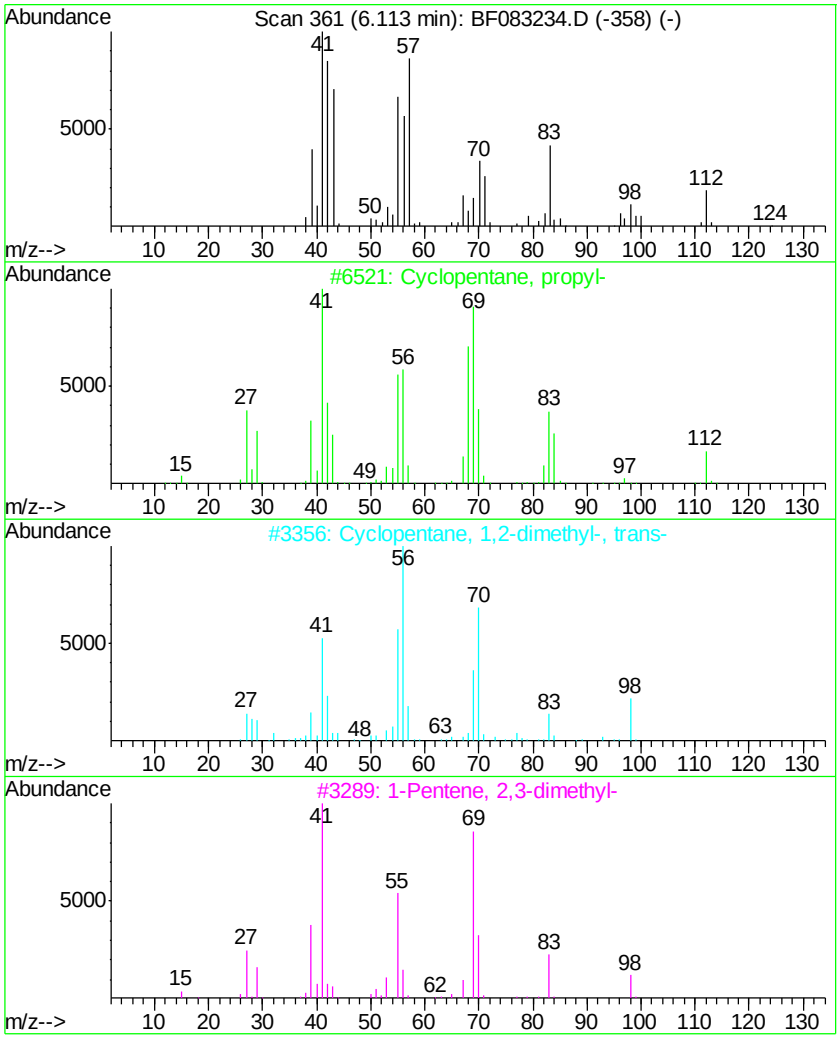
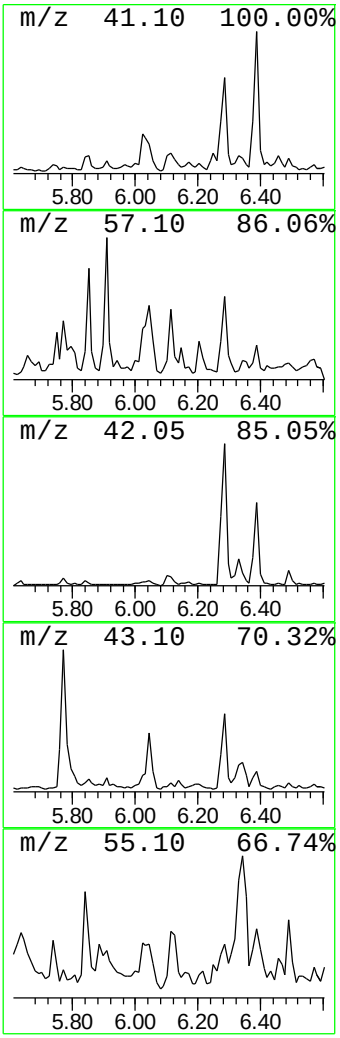
Peak Number 6 unknown6.11 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	4.74 ng	256182	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	43
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	25
3	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	25
4	1-Heptene	98	C7H14	000592-76-7	25
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	18





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Acq On : 24 Nov 2015 13:53
Operator : UM/IZ
Sample : G4503-02
Misc :
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Instrument : BNA_F
ClientSampleId : MW-2

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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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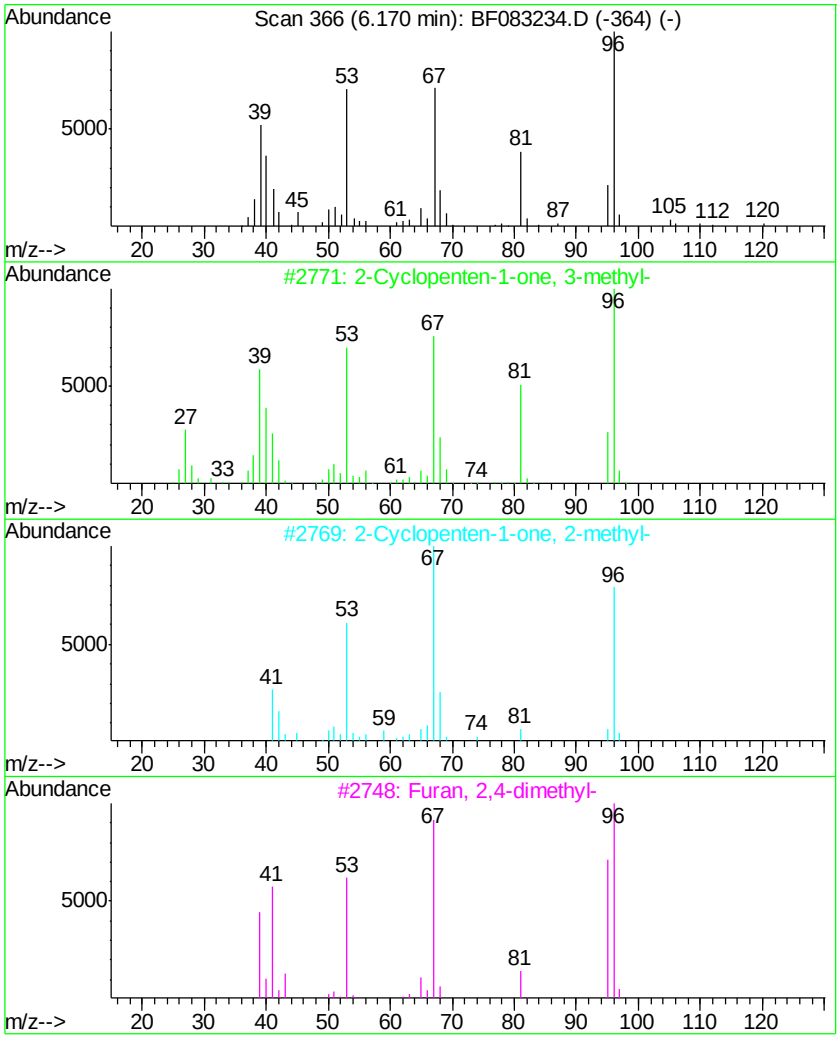
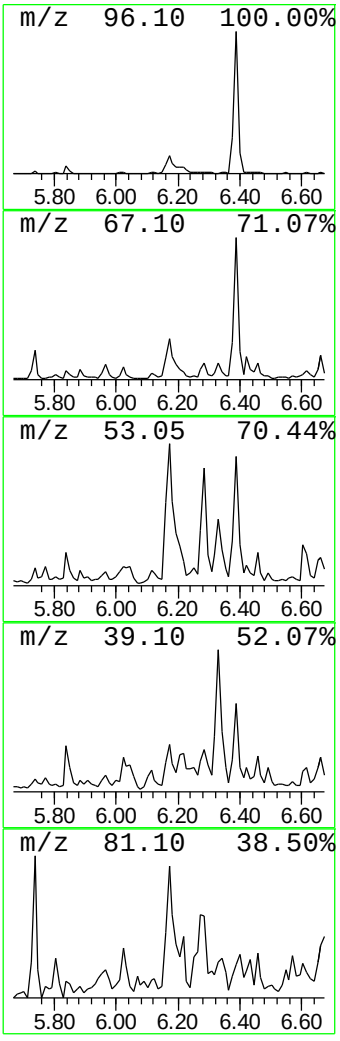
Peak Number 7 unknown6.17 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	4.68 ng	252582	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	94
2	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	87
3	Furan, 2,4-dimethyl-	96	C6H8O	003710-43-8	83
4	Cyclopropane, methylmethylene-	68	C5H8	018631-84-0	58
5	Bicyclo[2.1.0]pentane	68	C5H8	000185-94-4	53





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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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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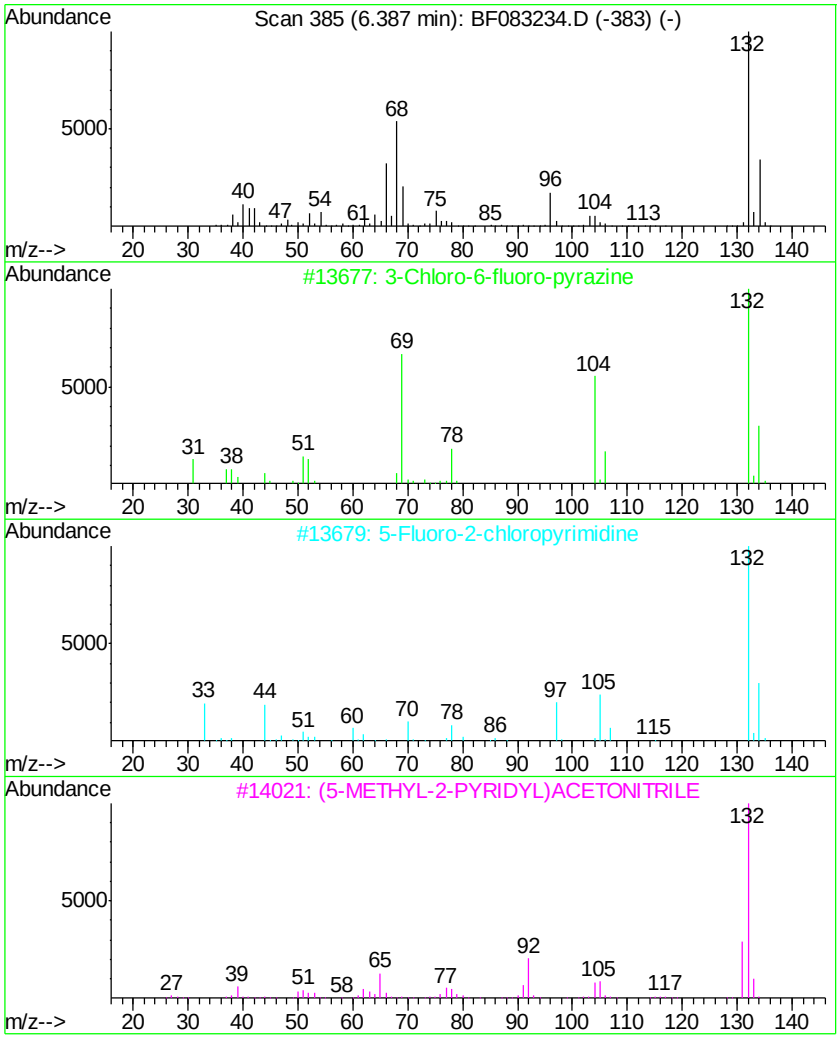
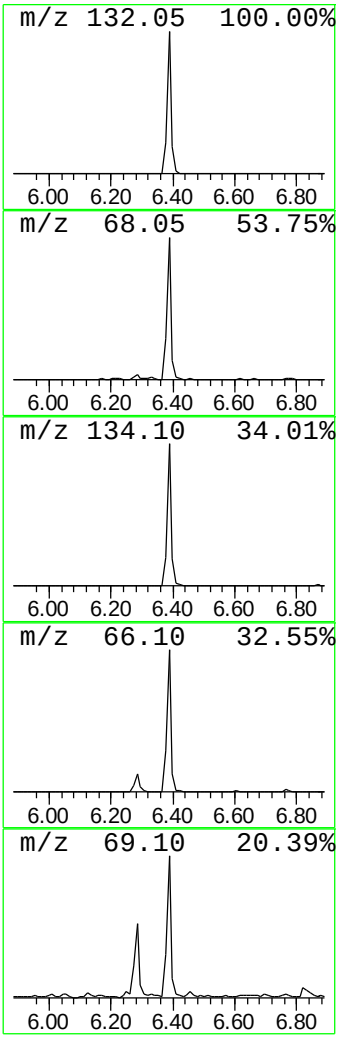
Peak Number 8 unknown6.39 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	93.58 ng	5052630	1,4-Dichlorobenzene-d4	6.60

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





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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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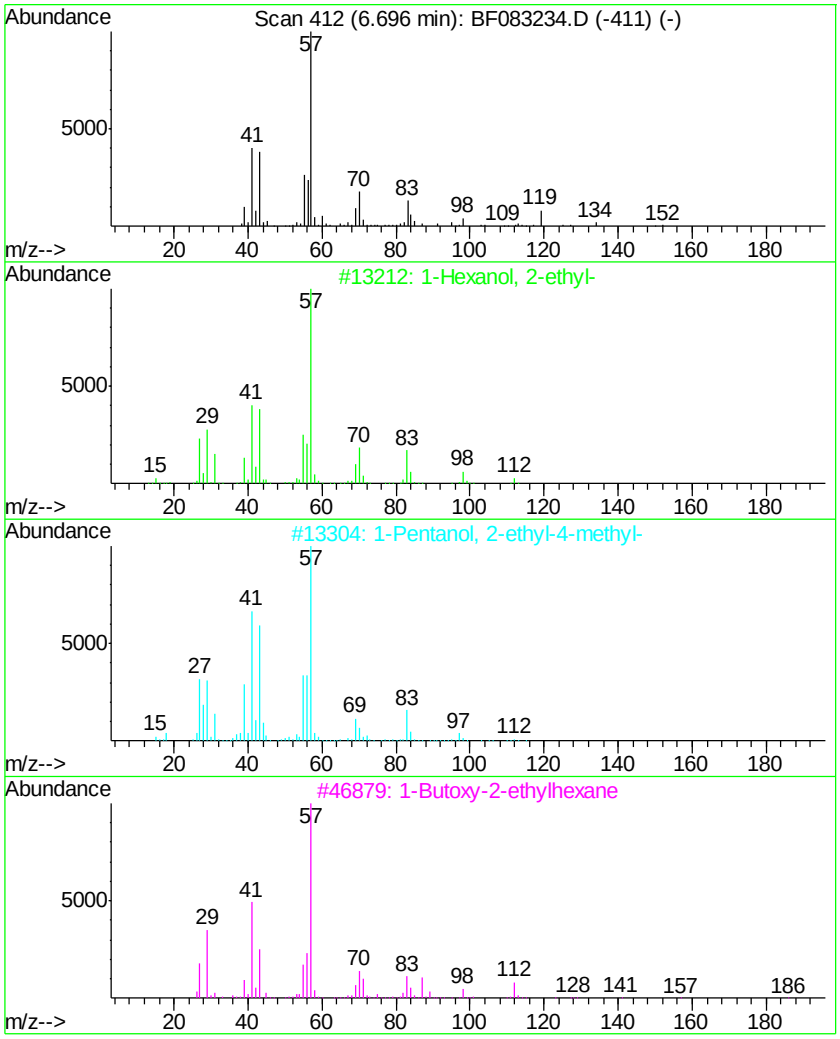
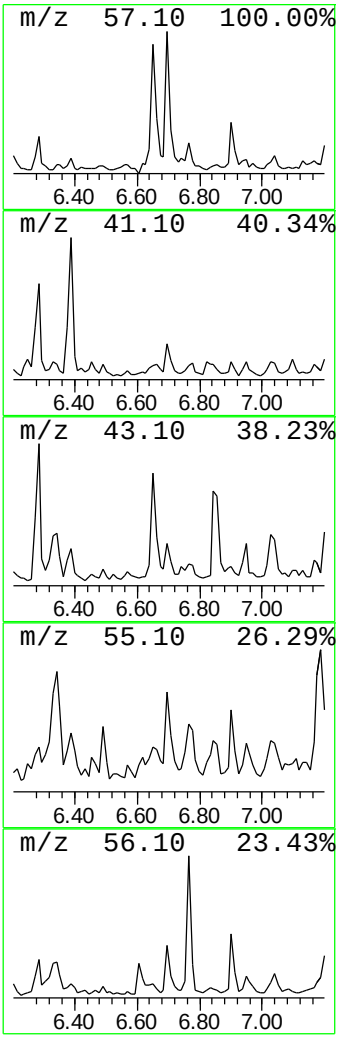
Peak Number 9 1-Hexanol, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	5.34 ng	288159	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59
3	1-Butoxy-2-ethylhexane	186	C12H26O	062625-25-6	56
4	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	43
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	42





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Instrument : BNA_F
ClientSampleId : MW-2

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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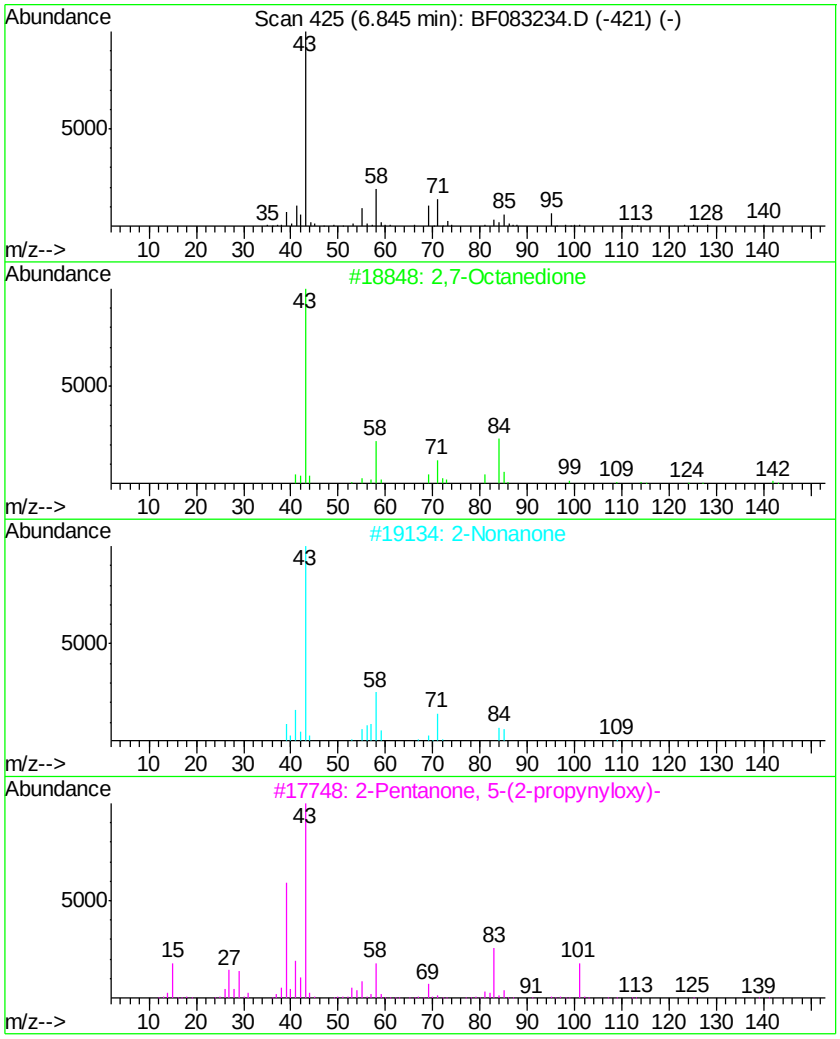
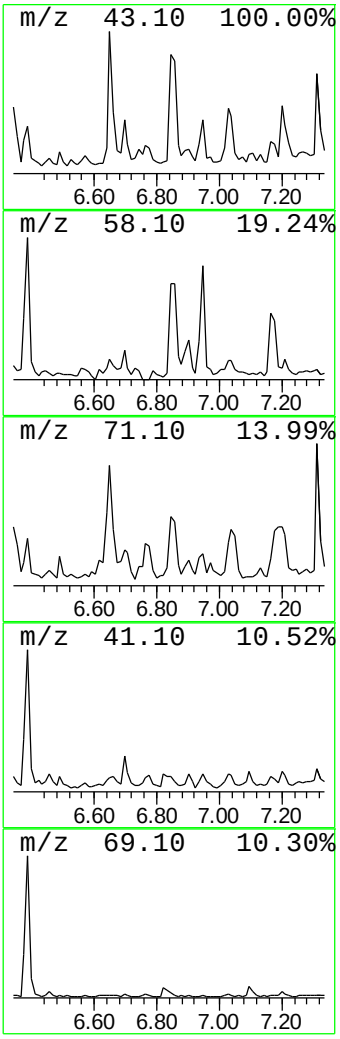
Peak Number 11 2,7-Octanedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	6.44 ng	347855	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Octanedione	142	C8H14O2	001626-09-1	50
2	2-Nonanone	142	C9H18O	000821-55-6	45
3	2-Pentanone, 5-(2-propynyloxy)-	140	C8H12O2	055702-70-0	36
4	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	33
5	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	22





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ClientSampleId : MW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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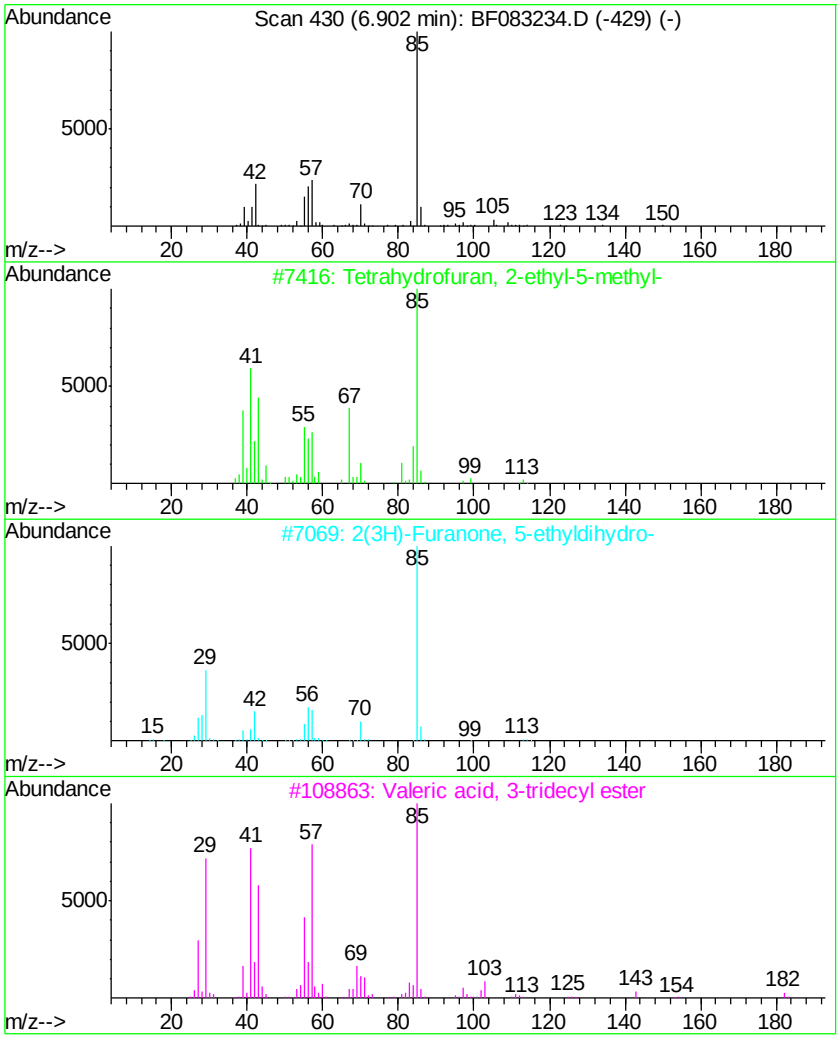
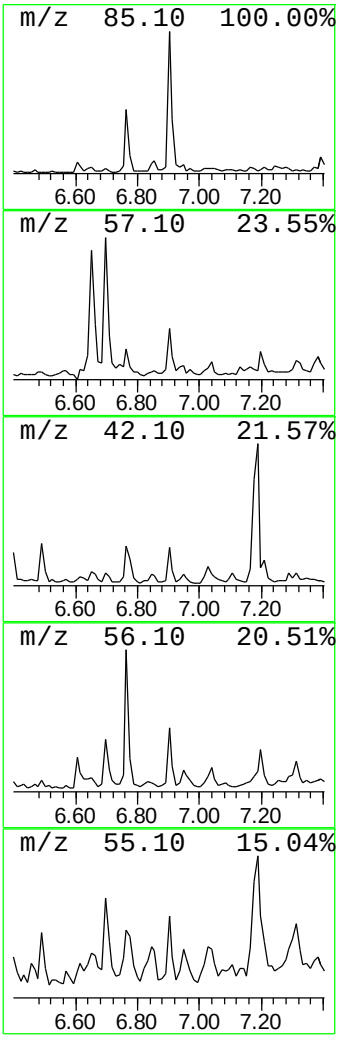
Peak Number 12 Tetrahydrofuran, 2-ethyl-5-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	4.33 ng	233843	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrofuran, 2-ethyl-5-methyl-	114	C7H14O	000931-39-5	78
2	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	64
3	Valeric acid, 3-tridecyl ester	284	C18H36O2	1000281-98-9	43
4	2-Furanmethanol, tetrahydro-5-me...	116	C6H12O2	054774-28-6	38
5	2,2'-Bi-2H-pyran, octahydro-	170	C10H18O2	016282-29-4	38





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Sample : G4503-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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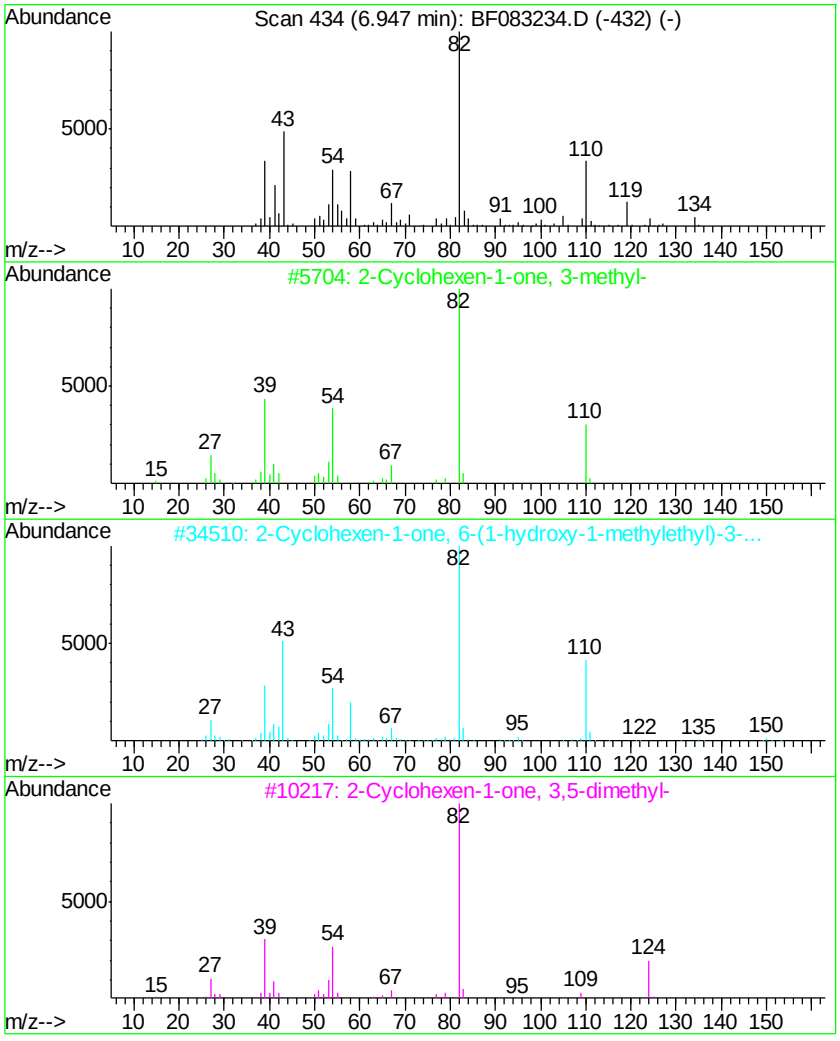
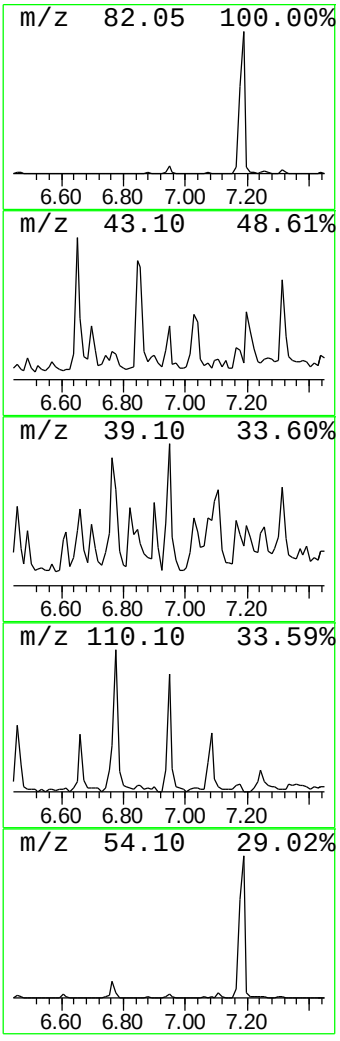
Peak Number 13 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	6.50 ng	350758	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	64
2	2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	59
3	2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	47
4	1,2,3,6-Tetrahydropyridine	83	C5H9N	000694-05-3	47
5	Ethylphosphonic acid	110	C2H7O3P	006779-09-5	47





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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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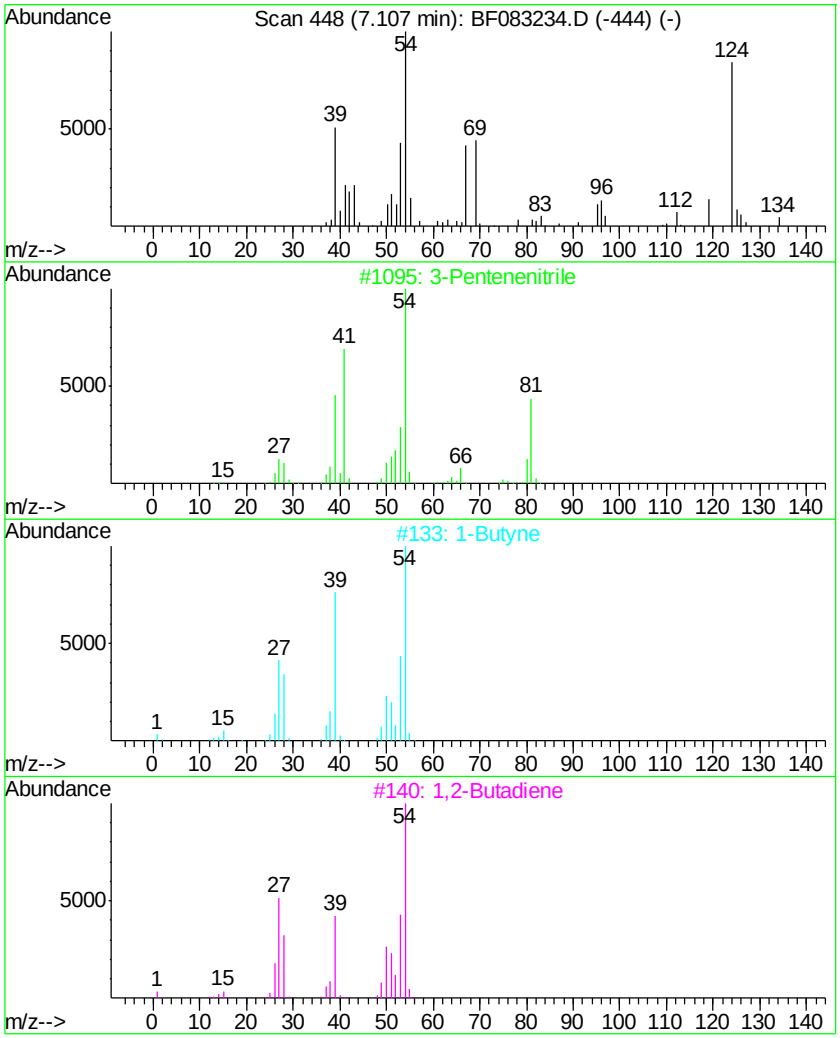
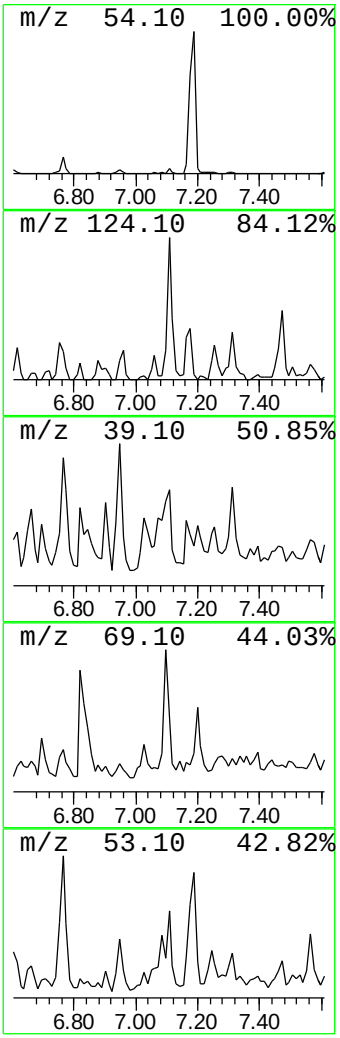
Peak Number 14 3-Pentenenitrile Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	4.62 ng	249341	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenenitrile	81	C5H7N	004635-87-4	64
2	1-Butyne	54	C4H6	000107-00-6	59
3	1,2-Butadiene	54	C4H6	000590-19-2	59
4	3-Pentyn-1-ol	84	C5H8O	010229-10-4	59
5	2-Butyne	54	C4H6	000503-17-3	53





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Misc :
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ClientSampleId : MW-2

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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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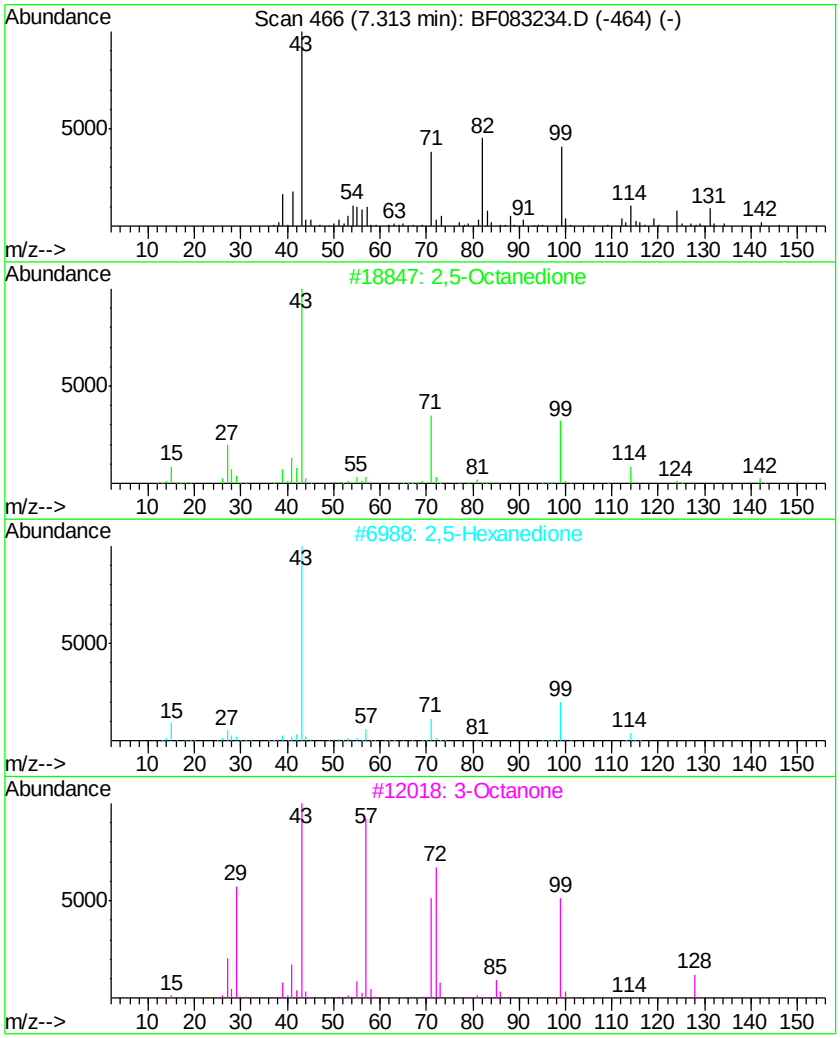
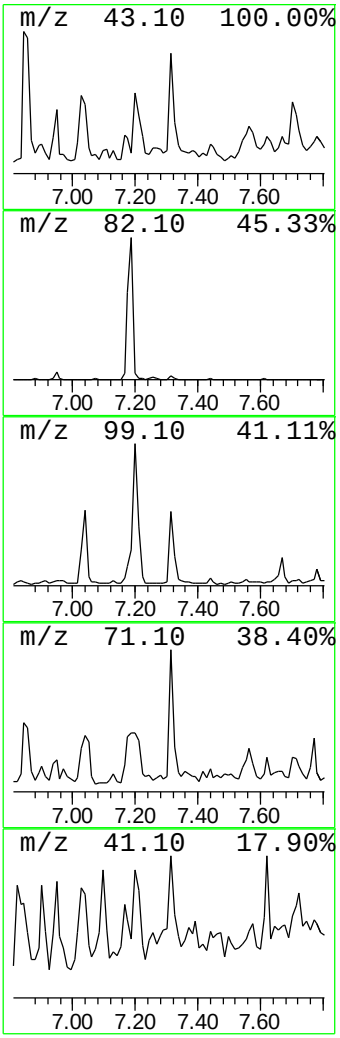
Peak Number 15 unknown7.31 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	5.23 ng	347641	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Octanedione	142	C8H14O2	003214-41-3	37
2	2,5-Hexanedione	114	C6H10O2	000110-13-4	35
3	3-Octanone	128	C8H16O	000106-68-3	32
4	Hexanoic acid, 2-methylbutyl ester	186	C11H22O2	002601-13-0	32
5	3-Octanone, 2-methyl-	142	C9H18O	000923-28-4	16





Library Search Compound Report

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Sample : G4503-02
Misc :
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ClientSampleId : MW-2

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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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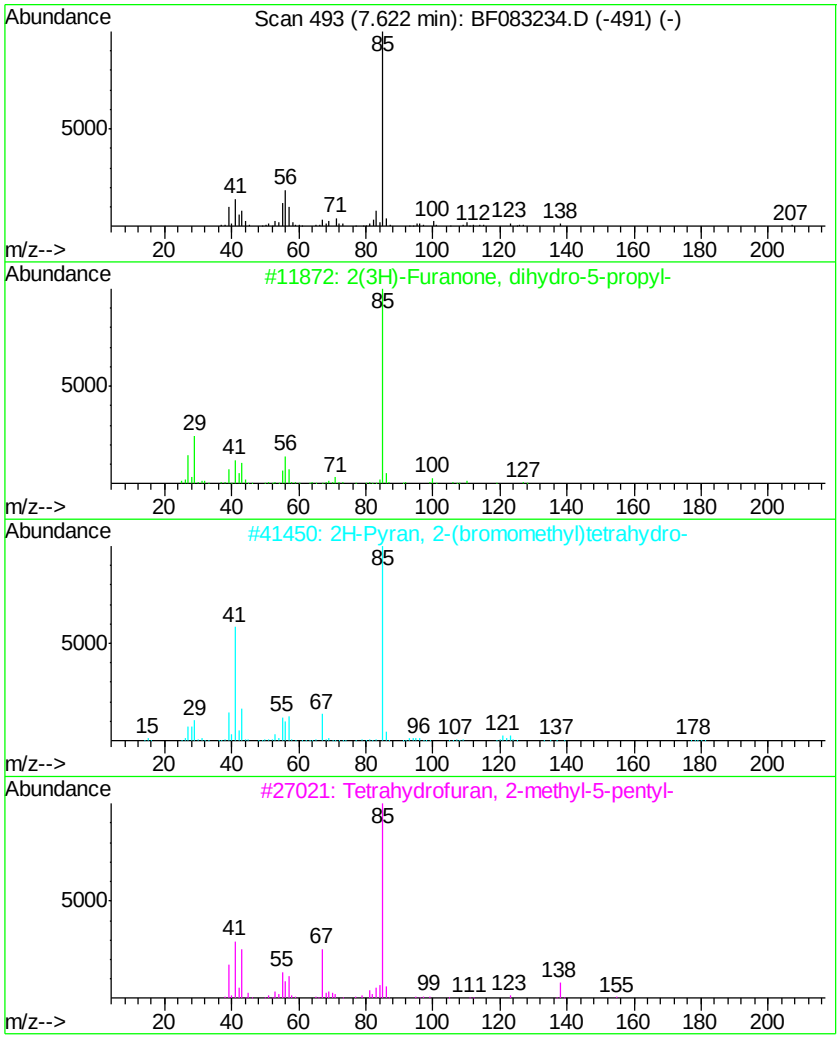
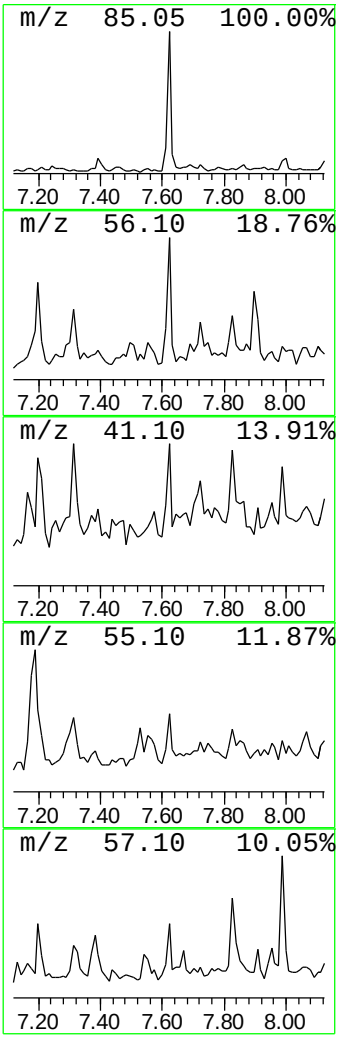
Peak Number 16 2(3H)-Furanone, dihydro-5-p... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	3.45 ng	229193	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	78
2	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	56
3	Tetrahydrofuran, 2-methyl-5-pentyl-	156	C10H20O	1000292-99-1	56
4	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	56
5	4-Hexen-3-ol, 2,5-dimethyl-	128	C8H16O	060703-31-3	45





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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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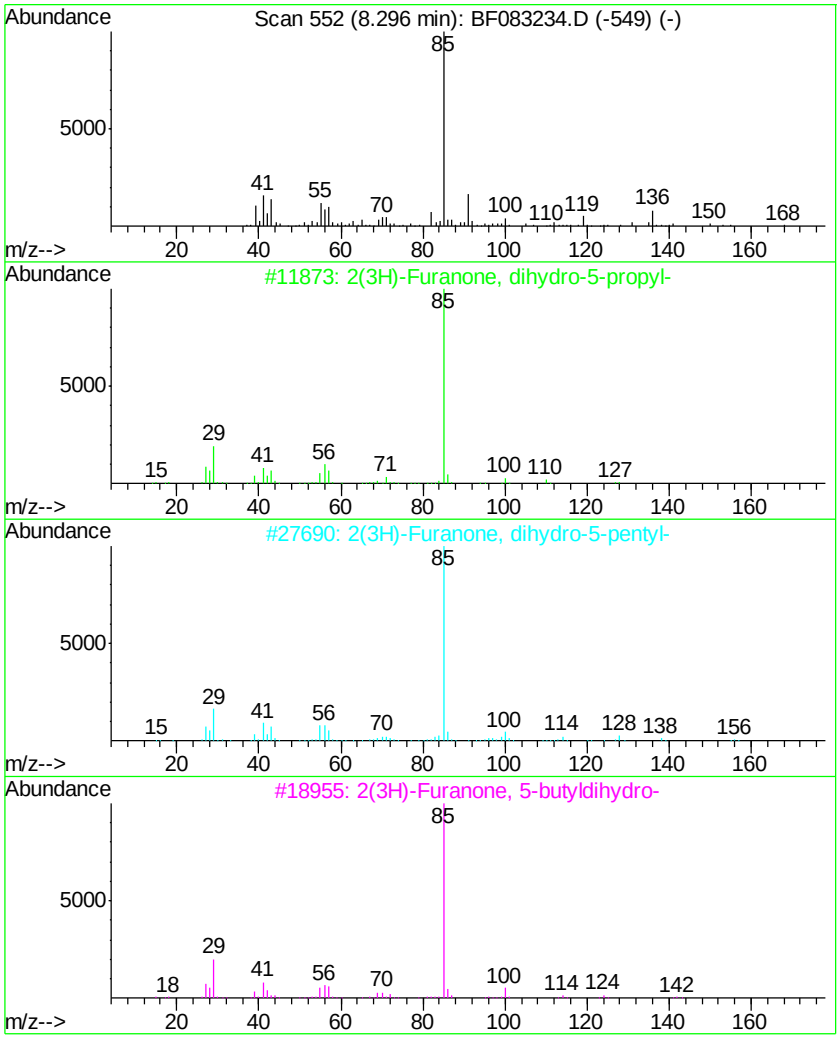
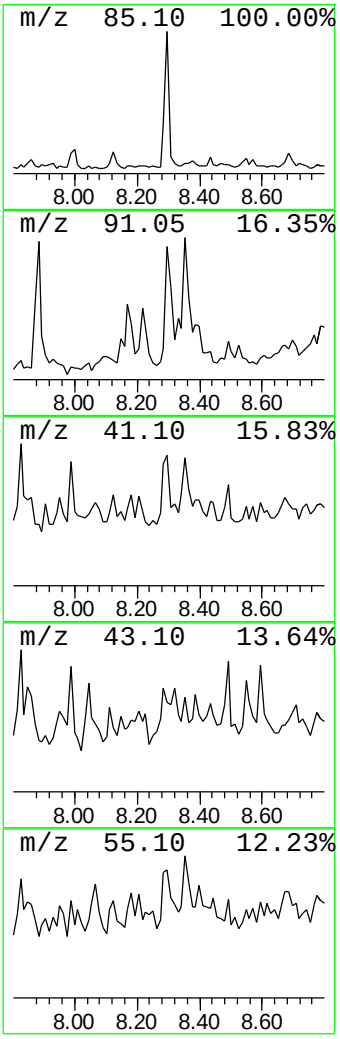
Peak Number 17 unknown8.30 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	5.00 ng	332173	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	64
2	2(3H)-Furanone, dihydro-5-pentyl-	156	C9H16O2	000104-61-0	59
3	2(3H)-Furanone, 5-butyldihydro-	142	C8H14O2	000104-50-7	59
4	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	59
5	2(3H)-Furanone, 5-hexyldihydro-	170	C10H18O2	000706-14-9	42





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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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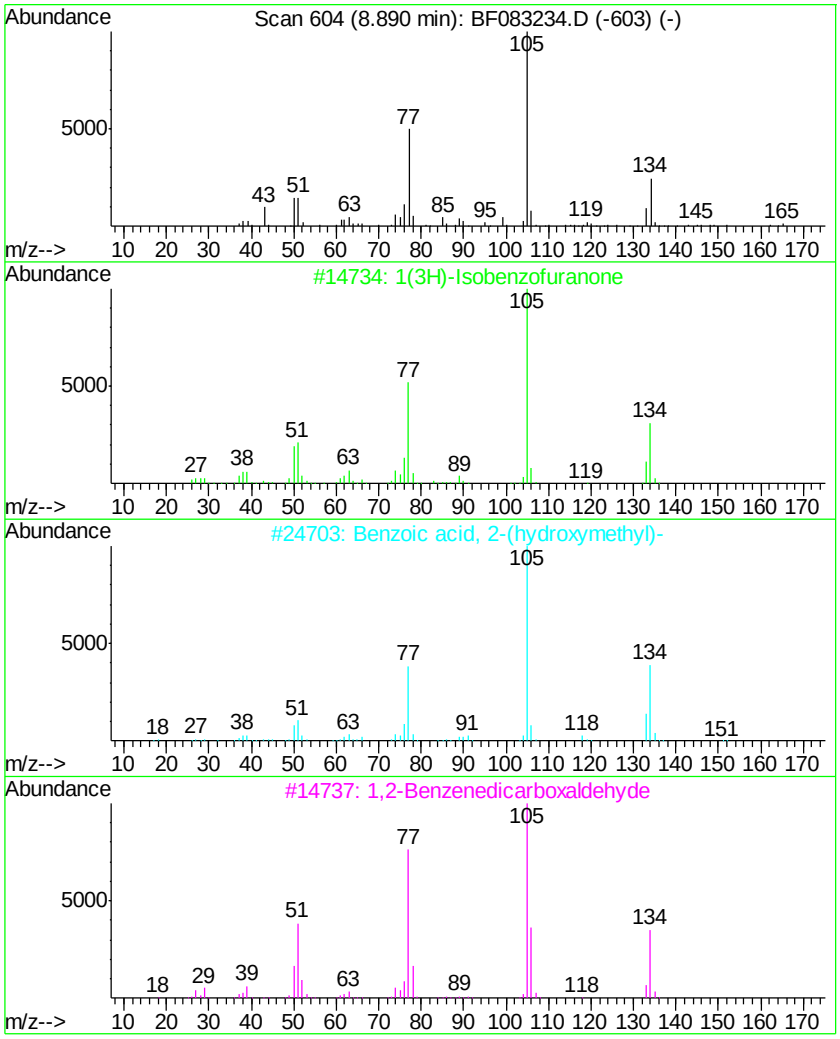
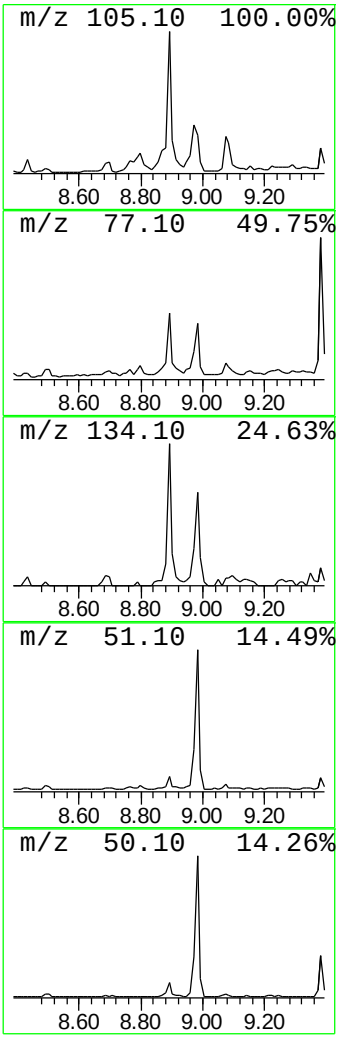
Peak Number 18 1(3H)-Isobenzofuranone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	3.72 ng	302814	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	93
2	Benzoic acid, 2-(hydroxymethyl)-	152	C8H8O3	000612-20-4	78
3	1,2-Benzenedicarboxaldehyde	134	C8H6O2	000643-79-8	58
4	Benzofurazan-5-carbohydrazide, N...	282	C14H10N4O3	1000272-94-4	53
5	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	53





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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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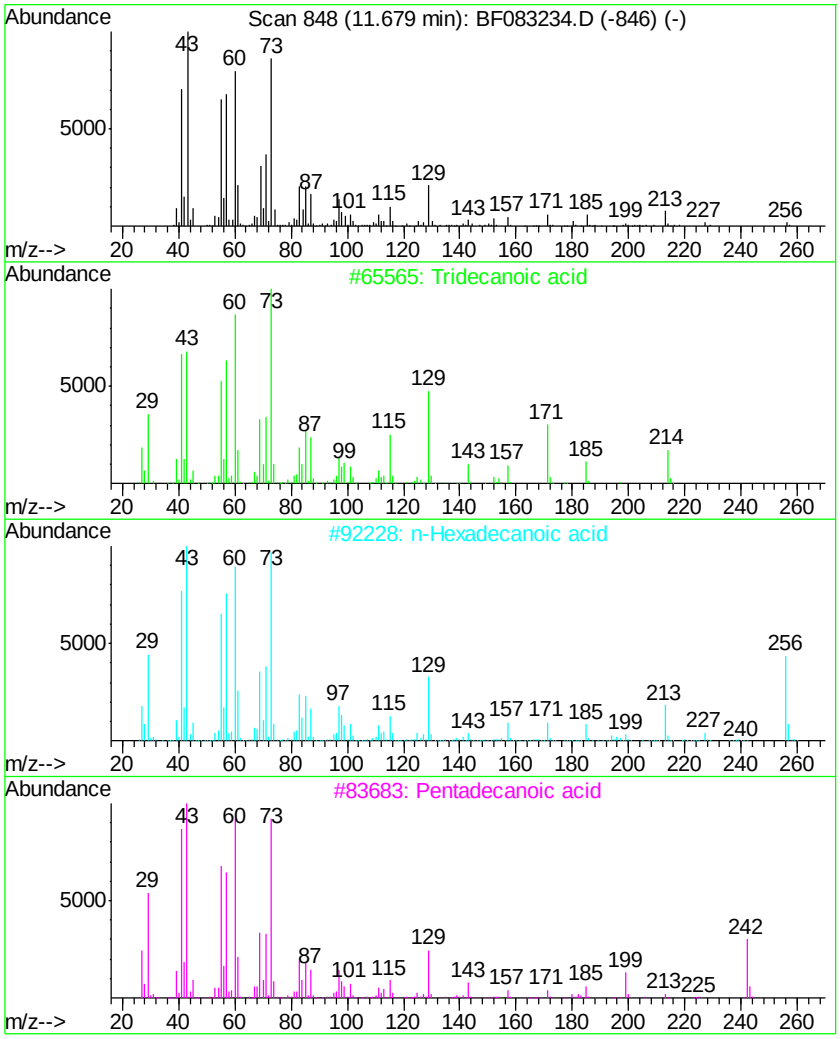
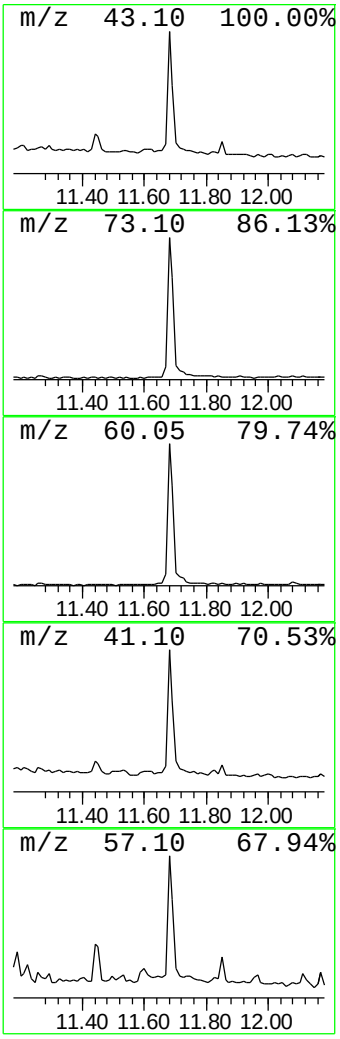
Peak Number 19 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	9.37 ng	754901	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Undecanoic acid	186	C11H22O2	000112-37-8	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083234.D
Acq On : 24 Nov 2015 13:53
Operator : UM/IZ
Sample : G4503-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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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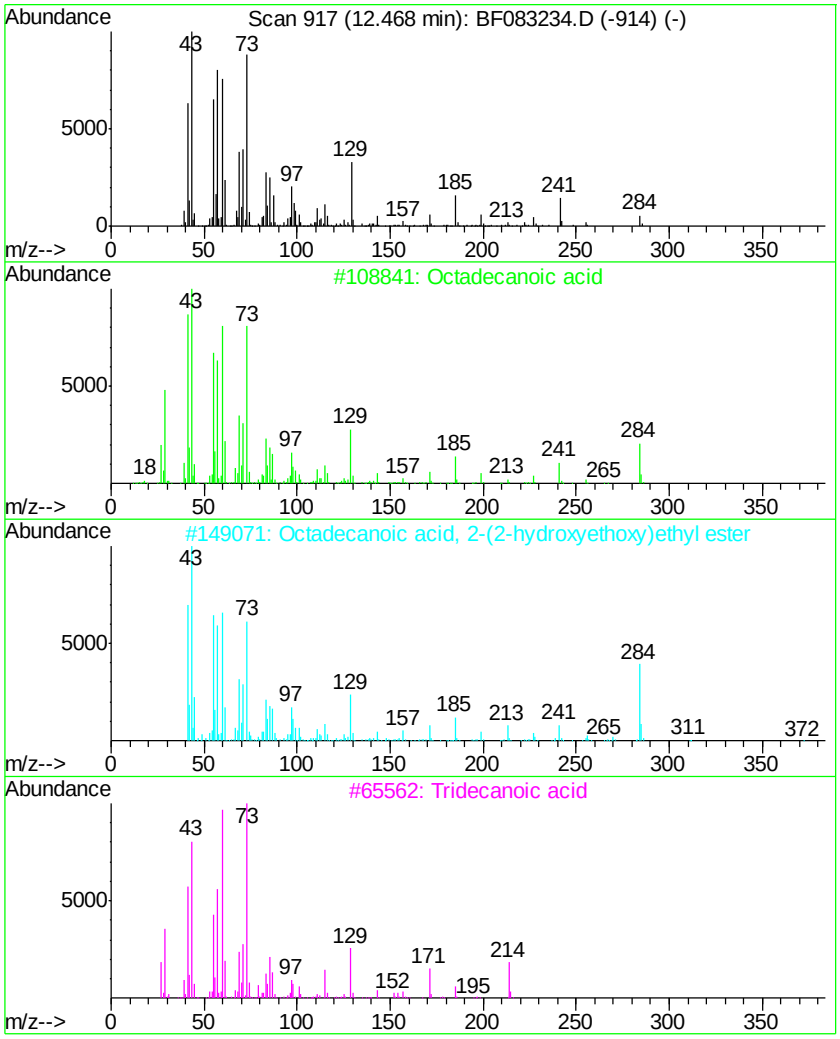
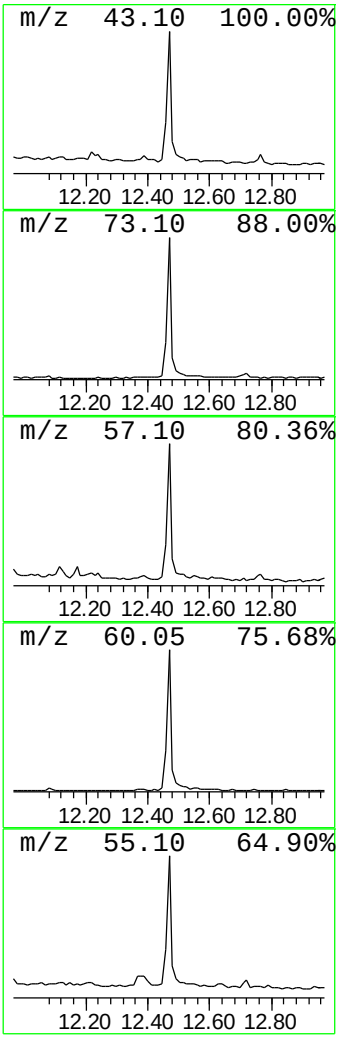
Peak Number 20 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	10.42 ng	875333	Chrysene-d12	13.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083234.D
Acq On : 24 Nov 2015 13:53
Operator : UM/IZ
Sample : G4503-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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
2-Pentanone, 4-hy...	4.73	39.9	ng	2155670	1	6.60	1079810	20.0
2-Cyclopenten-1-o...	5.54	3.9	ng	210451	1	6.60	1079810	20.0
2,5-Hexanedione	5.77	8.8	ng	474667	1	6.60	1079810	20.0
2-Cyclohexen-1-one	5.84	4.9	ng	264749	1	6.60	1079810	20.0
Pentanal, 2-methyl-	6.04	11.8	ng	637612	1	6.60	1079810	20.0
unknown6.11	6.11	4.7	ng	256182	1	6.60	1079810	20.0
unknown6.17	6.17	4.7	ng	252582	1	6.60	1079810	20.0
unknown6.39	6.39	93.6	ng	5052630	1	6.60	1079810	20.0
1-Hexanol, 2-ethyl-	6.70	5.3	ng	288159	1	6.60	1079810	20.0
2,7-Octanedione	6.84	6.4	ng	347855	1	6.60	1079810	20.0
Tetrahydrofuran, ...	6.90	4.3	ng	233843	1	6.60	1079810	20.0
2-Cyclohexen-1-on...	6.95	6.5	ng	350758	1	6.60	1079810	20.0
3-Pentenenitrile	7.11	4.6	ng	249341	1	6.60	1079810	20.0
unknown7.31	7.31	5.2	ng	347641	2	7.90	1329970	20.0
2(3H)-Furanone, d...	7.62	3.5	ng	229193	2	7.90	1329970	20.0
unknown8.30	8.30	5.0	ng	332173	2	7.90	1329970	20.0
1(3H)-Isobenzofur...	8.89	3.7	ng	302814	3	9.66	1627190	20.0
Tridecanoic acid	11.68	9.4	ng	754901	4	11.13	1611280	20.0
Octadecanoic acid	12.47	10.4	ng	875333	5	13.76	1680450	20.0