LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080779.D
Acq On : 1 Aug 2015 14:21
Operator : TP/UM
Sample : G3090-02
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCS2-072315

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-BF073015.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	2.167	5	7	10	rBV	63436	92483	2.01%	0.229%
2	4.407	200	203	206	rBV	170621	235065	5.11%	0.583%
3	5.059	256	260	273	rBV	2608770	4020104	87.45%	9.968%
4	5.459	292	295	298	rBV	3319087	3981992	86.63%	9.874%
5	5.859	328	330	333	rBV	223565	261498	5.69%	0.648%
6	6.487	381	385	387	rBV	3126757	4596784	100.00%	11.398%
7	6.625	394	397	399	rBV	3254568	4338976	94.39%	10.759%
8	6.853	414	417	419	rBV	932354	826909	17.99%	2.050%
9	7.013	428	431	433	rBV	2622029	3326632	72.37%	8.249%
10	7.413	463	466	468	rBV	2845268	2832228	61.61%	7.023%
11	8.133	526	529	531	rBV	1132776	1033797	22.49%	2.563%
12	9.208	620	623	626	rBV	3774228	4158854	90.47%	10.312%
13	9.596	655	657	660	rVB	174950	210653	4.58%	0.522%
14	9.882	680	682	684	rBV	1084445	1008605	21.94%	2.501%
15	10.671	748	751	753	rBV	2289653	2524187	54.91%	6.259%
16	10.796	760	762	767	rVB	43115	59421	1.29%	0.147%
17	11.368	809	812	814	rBV	775806	1041200	22.65%	2.582%
18	11.894	856	858	860	rBV	203539	212826	4.63%	0.528%
19	12.157	879	881	882	rBV	80058	101840	2.22%	0.253%
20	12.568	915	917	919	rBV	121987	103406	2.25%	0.256%
21	12.682	925	927	933	rBV	53406	76607	1.67%	0.190%
22	12.797	933	937	939	rVV2	94102	174410	3.79%	0.432%
23	12.945	948	950	953	rBV	2943439	3537651	76.96%	8.772%
24	13.482	995	997	999	rBV	56283	57275	1.25%	0.142%
25	13.985	1039	1041	1044	rBV	726927	825287	17.95%	2.046%
26	15.003	1128	1130	1135	rVB	33671	61942	1.35%	0.154%
27	15.403	1163	1165	1168	rBV	497267	628452	13.67%	1.558%

Sum of corrected areas: 40329084

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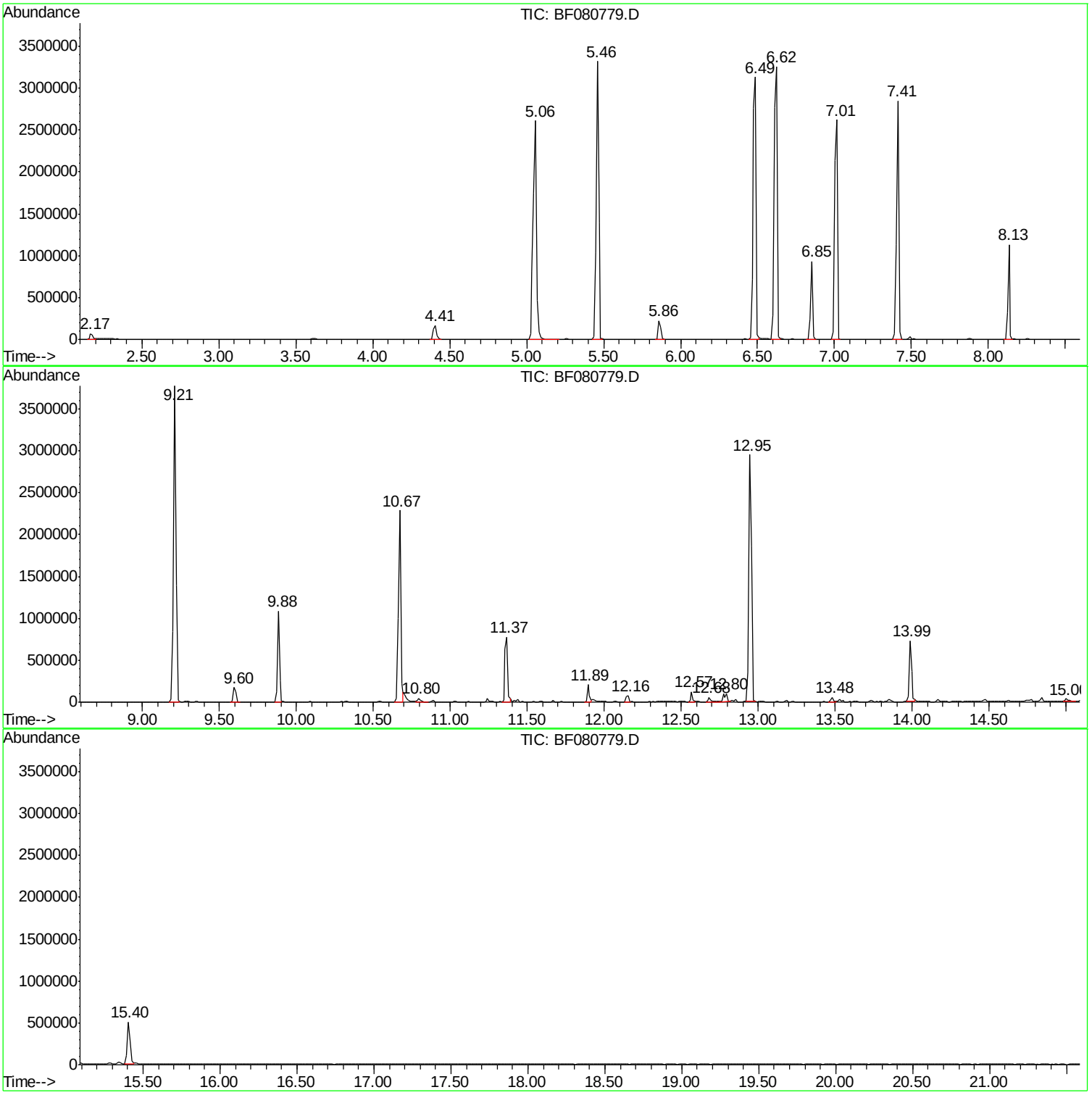
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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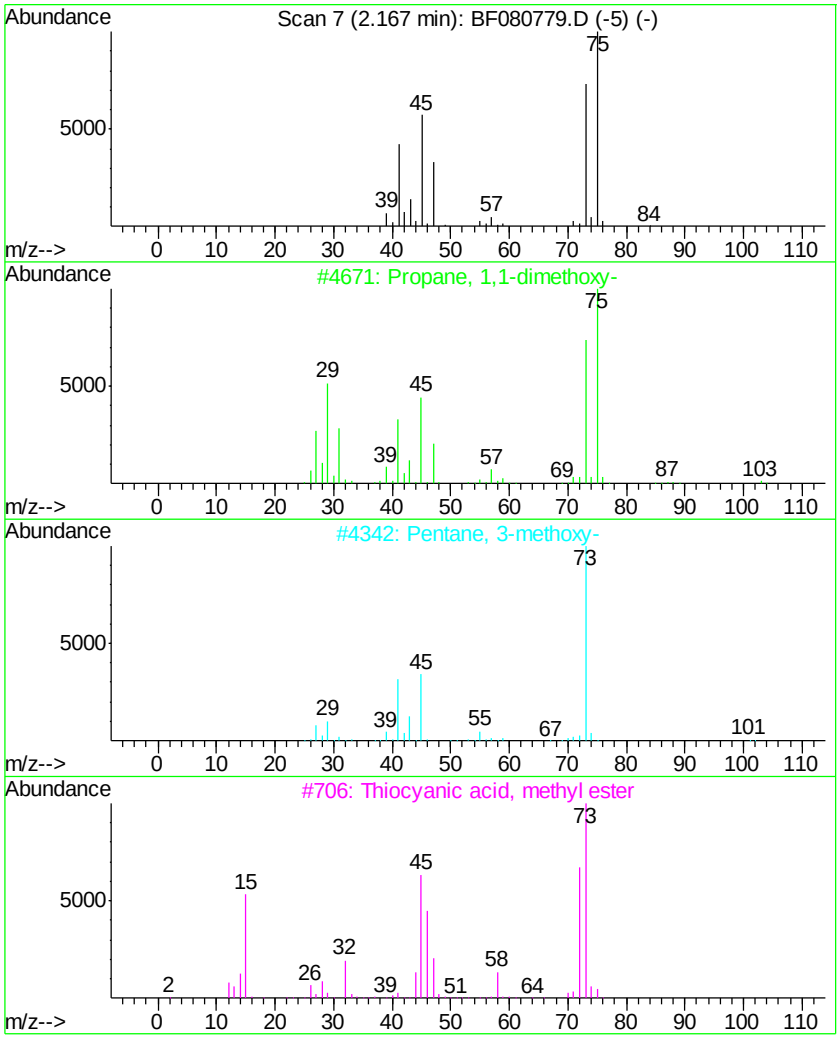
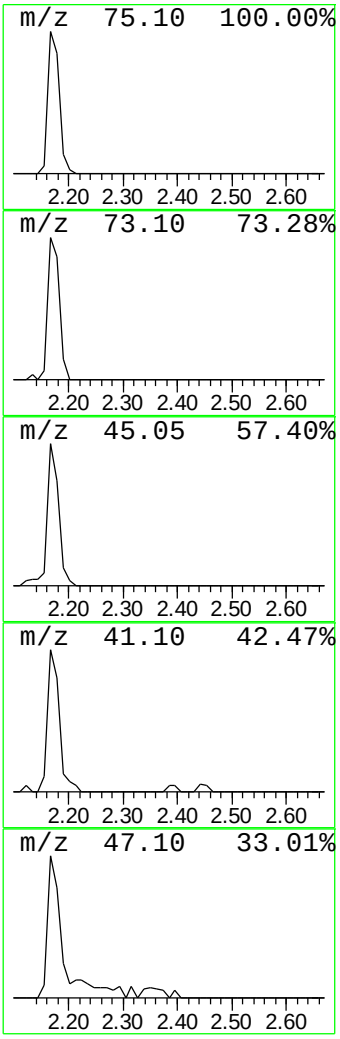
Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	2.24 ng	92483	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	74
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
4	2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	9
5	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	9





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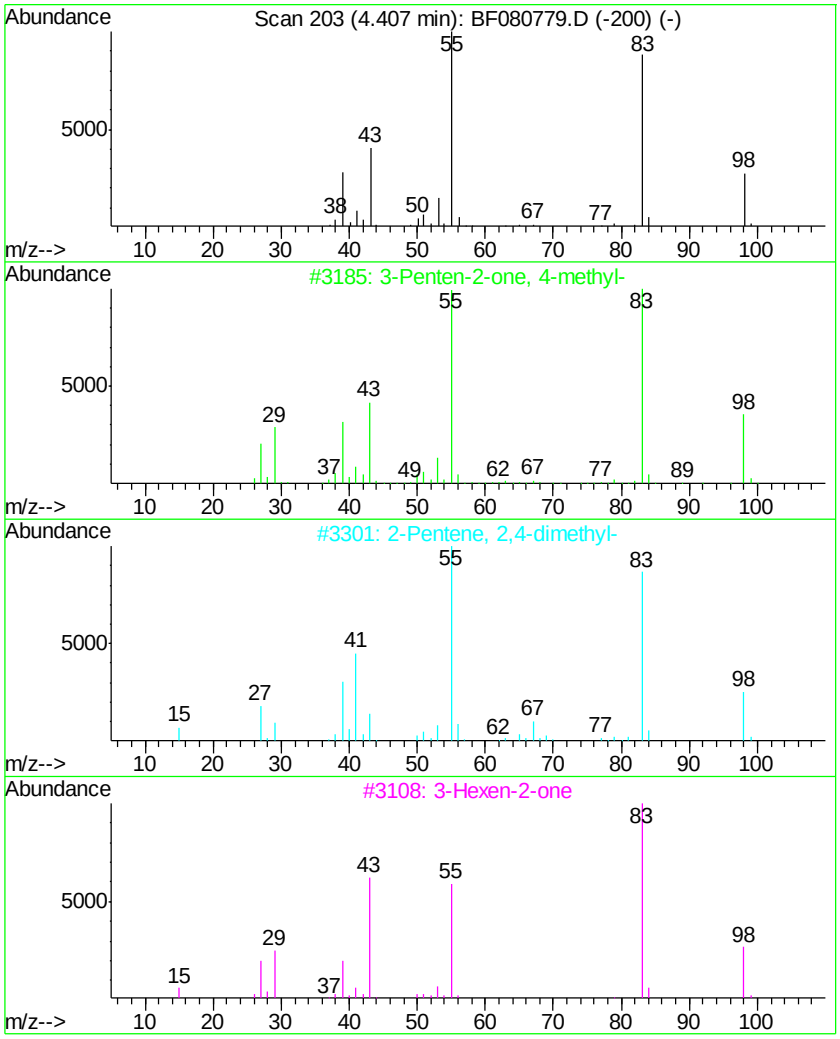
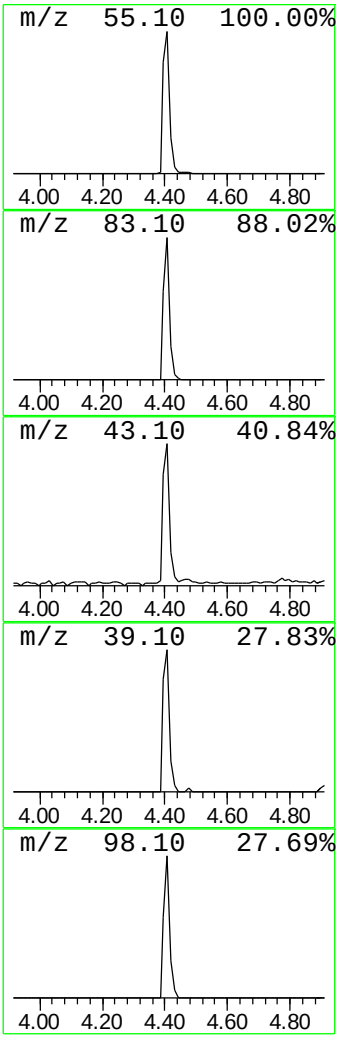
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	5.69 ng	235065	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
3	3-Hexen-2-one	98	C6H10O	000763-93-9	80
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78
5	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	78





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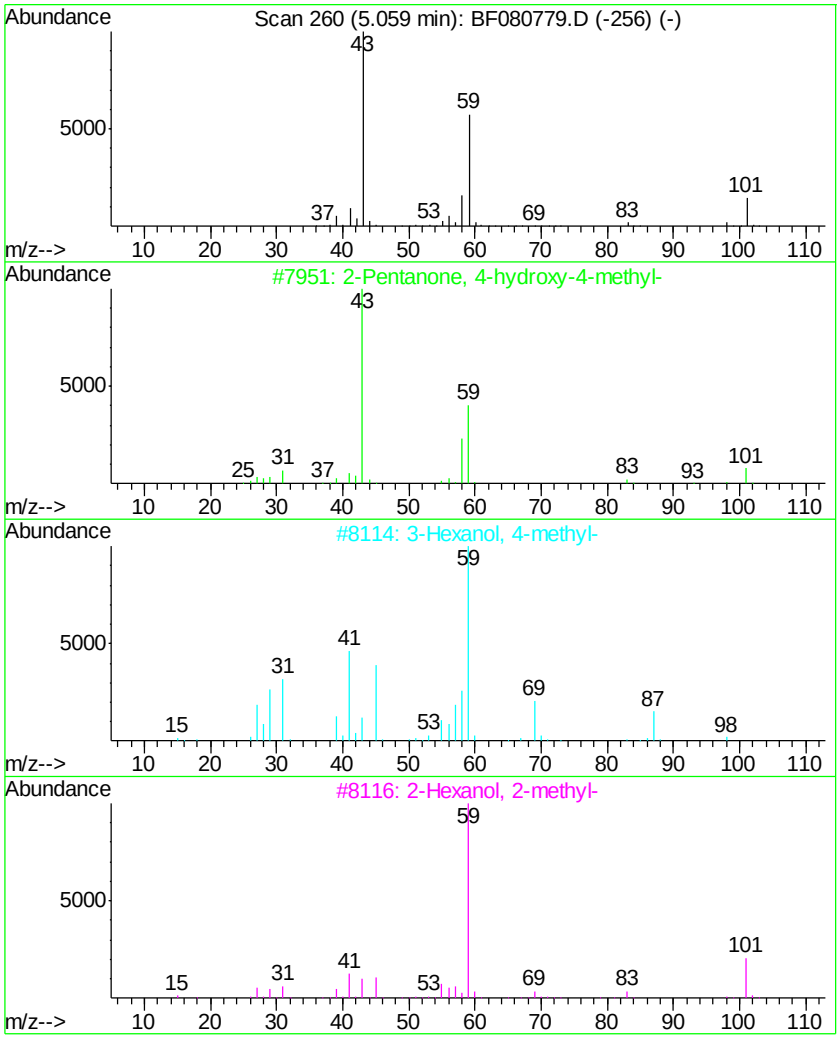
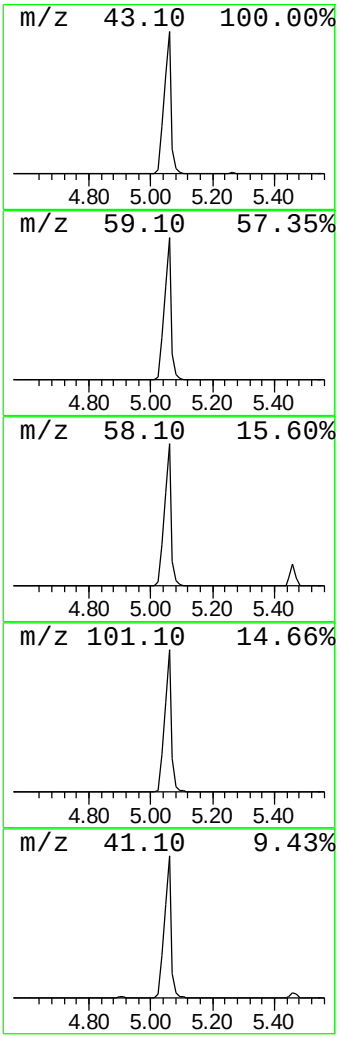
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	97.23 ng	4020100	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17





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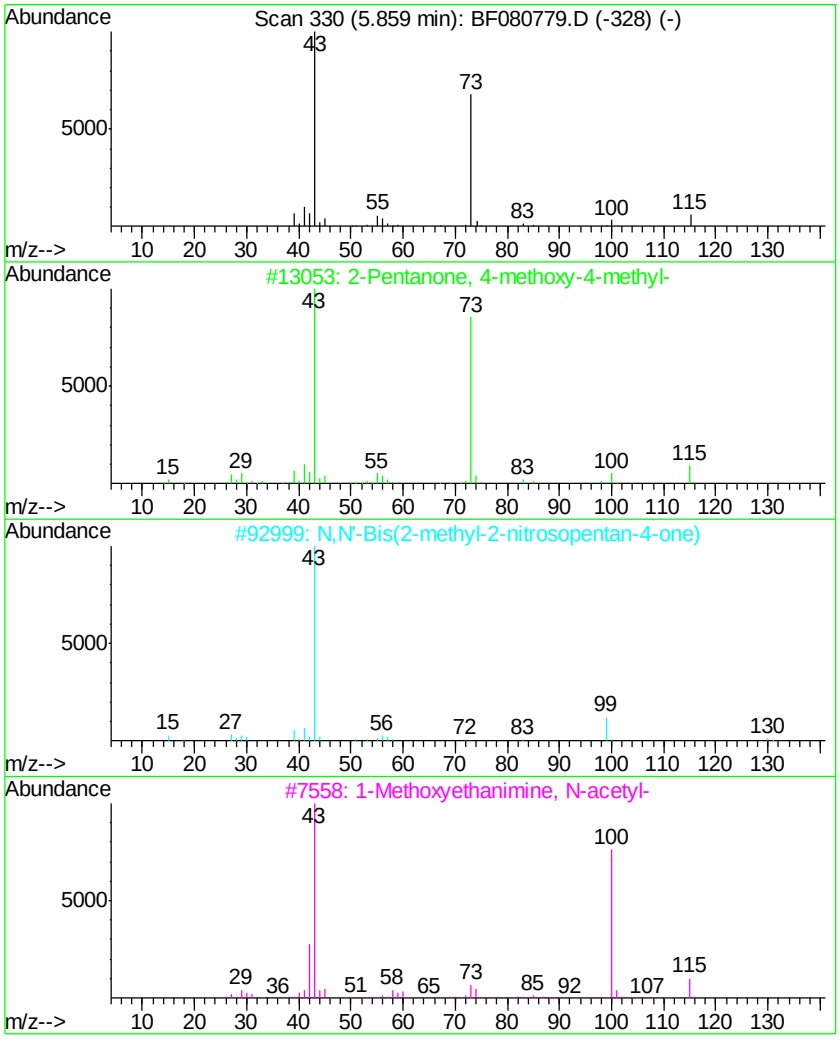
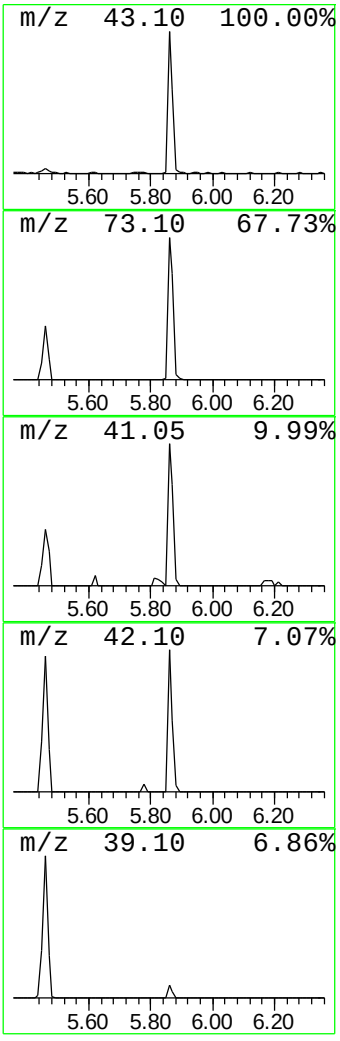
Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	6.32 ng	261498	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	17
3	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	17
4	2-Heptanone	114	C7H14O	000110-43-0	17
5	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	16





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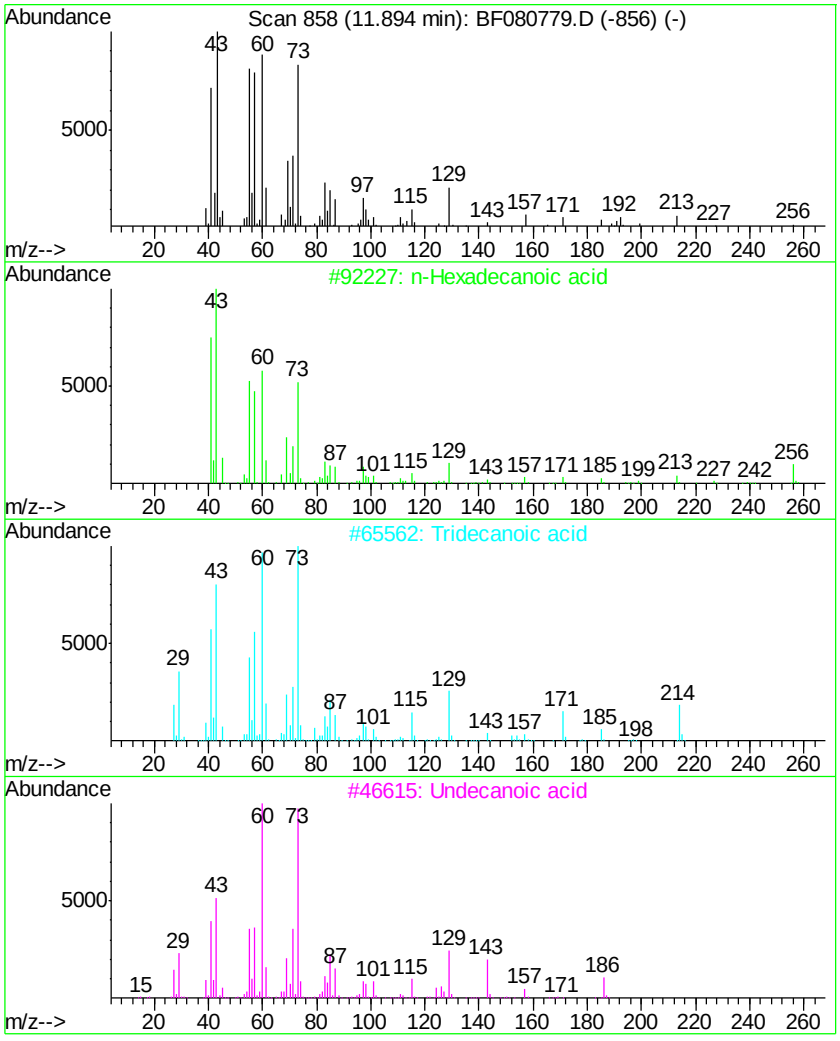
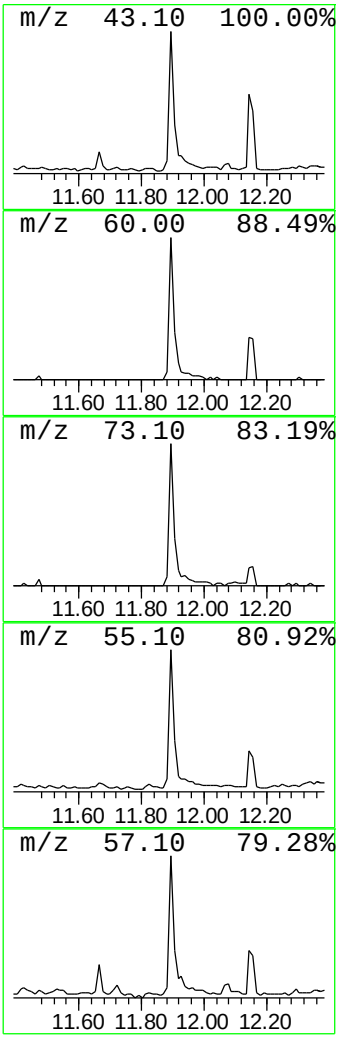
Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.09 ng	212826	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Undecanoic acid	186	C11H22O2	000112-37-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-dime...	2.17	2.2	ng	92483	1	6.85	826909	20.0
3-Penten-2-one, 4...	4.41	5.7	ng	235065	1	6.85	826909	20.0
2-Pentanone, 4-hy...	5.06	97.2	ng	4020100	1	6.85	826909	20.0
2-Pentanone, 4-me...	5.86	6.3	ng	261498	1	6.85	826909	20.0
n-Hexadecanoic acid	11.89	4.1	ng	212826	4	11.37	1041200	20.0