LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078382.D
Acq On : 10 Apr 2015 4:28
Operator : TP/IZ
Sample : G1782-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB07(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-BF040115.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	1.058	13	15	18	rVB	72341	67547	6.67%	0.845%
2	1.173	21	25	28	rVB	89734	142481	14.08%	1.783%
3	1.310	35	37	40	rVB	64184	72328	7.14%	0.905%
4	1.630	64	65	75	rBV	76354	158762	15.68%	1.987%
5	4.567	320	322	332	rBB	54085	82035	8.10%	1.027%
6	5.139	370	372	384	rBB	445223	646765	63.89%	8.095%
7	6.476	487	489	497	rBV	639877	673310	66.51%	8.428%
8	6.590	497	499	502	rBV	547021	704585	69.60%	8.819%
9	6.887	522	525	527	rBV	152834	188642	18.64%	2.361%
10	7.070	538	541	543	rBV	513250	546899	54.03%	6.845%
11	7.585	584	586	588	rBV	460048	422710	41.76%	5.291%
12	8.465	660	663	665	rBV	208443	257268	25.41%	3.220%
13	9.813	778	781	783	rBV	708105	883304	87.26%	11.056%
14	10.316	824	825	828	rBB	23781	28426	2.81%	0.356%
15	10.614	849	851	854	rBB	214791	303392	29.97%	3.797%
16	11.528	929	931	933	rBB	25161	26394	2.61%	0.330%
17	11.597	934	937	939	rBV	516582	516635	51.04%	6.466%
18	12.442	1009	1011	1014	rBV	302434	314738	31.09%	3.939%
19	14.443	1183	1186	1188	rBV	749642	1012289	100.00%	12.670%
20	15.620	1287	1289	1294	rBV	79045	132858	13.12%	1.663%
21	15.700	1294	1296	1299	rVB	286700	341177	33.70%	4.270%
22	16.420	1356	1359	1363	rBV	16282	32536	3.21%	0.407%
23	17.151	1419	1423	1428	rBV3	6680	20479	2.02%	0.256%
24	17.357	1438	1441	1444	rBV	309204	346690	34.25%	4.339%
25	17.689	1468	1470	1473	rBV2	5953	10831	1.07%	0.136%
26	17.883	1485	1487	1489	rBV3	7222	10865	1.07%	0.136%
27	17.929	1489	1491	1494	rVV4	10821	21649	2.14%	0.271%
28	18.329	1521	1526	1531	rVB4	4634	13577	1.34%	0.170%
29	19.346	1612	1615	1620	rBV7	3527	10252	1.01%	0.128%

Sum of corrected areas: 7989424

LSC Report - Integrated Chromatogram

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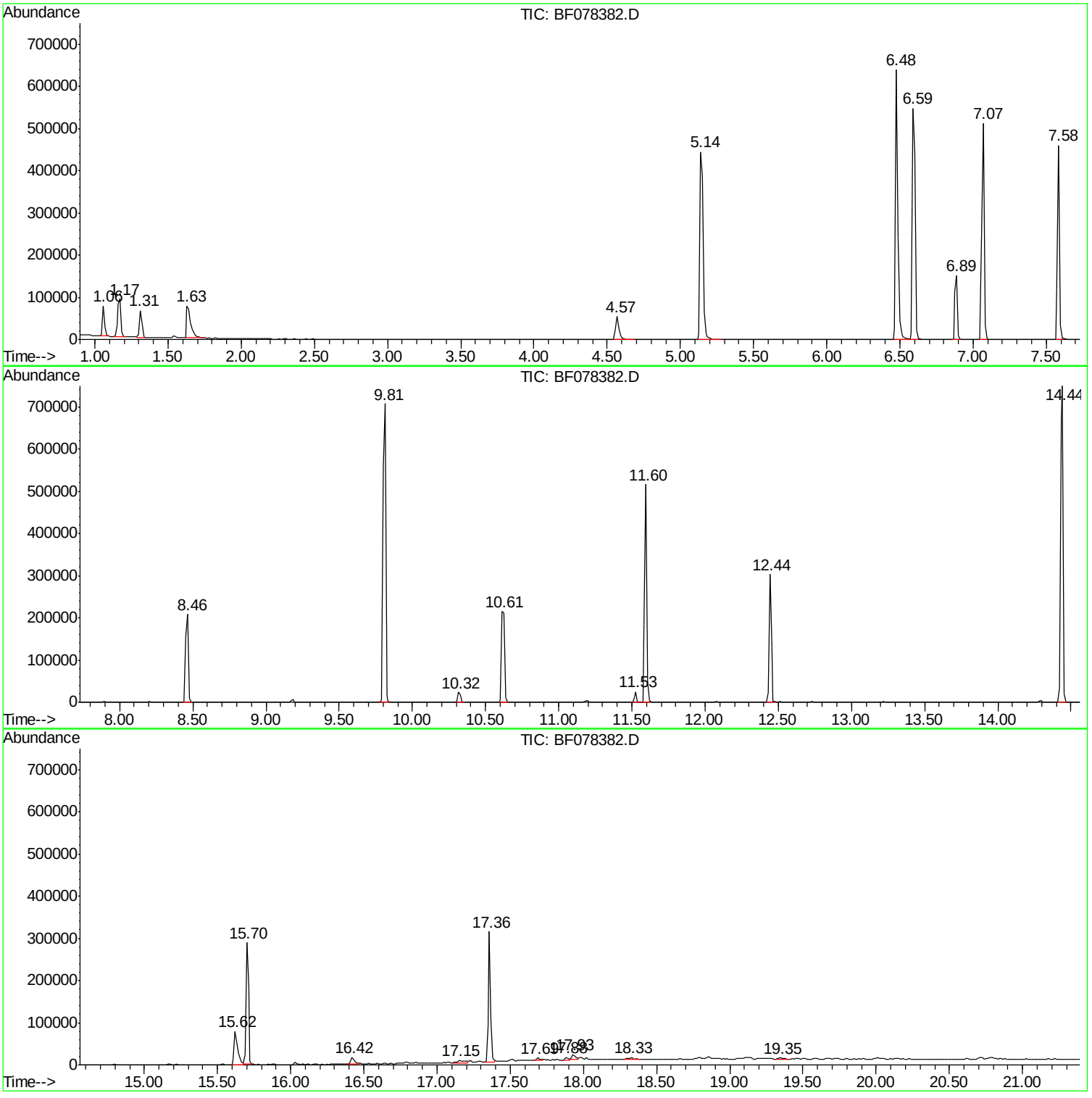
Instrument : BNA_F
ClientSampleId : SB07(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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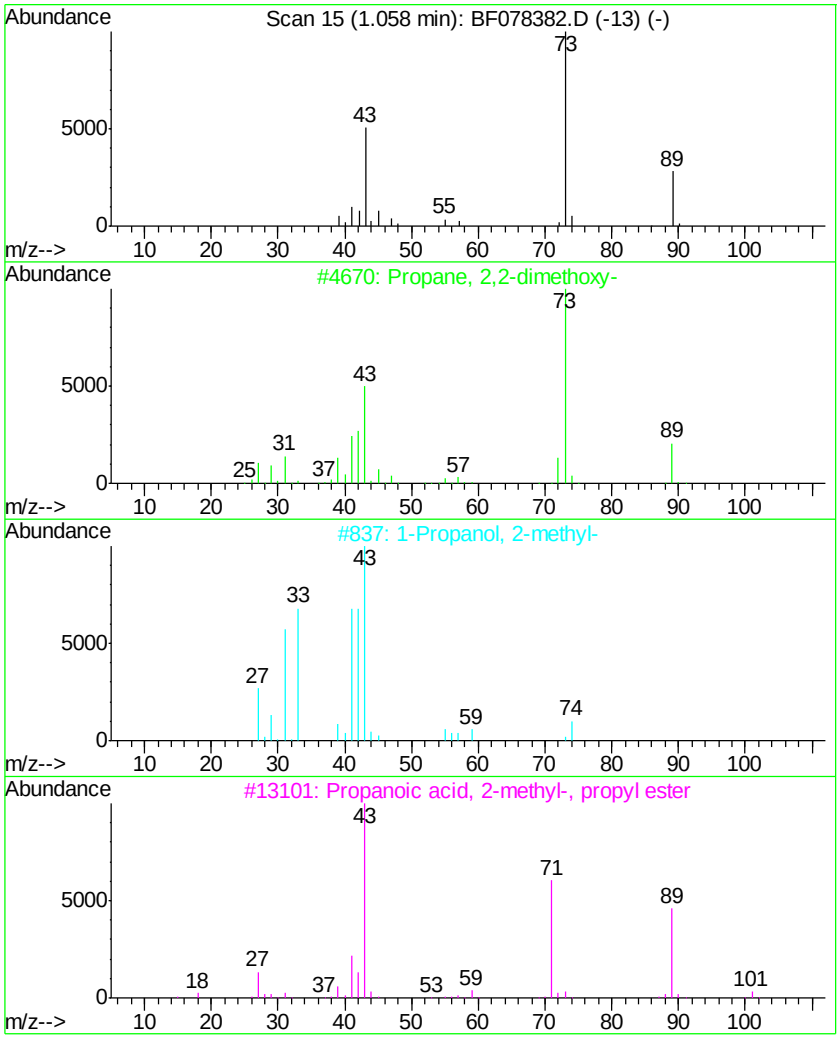
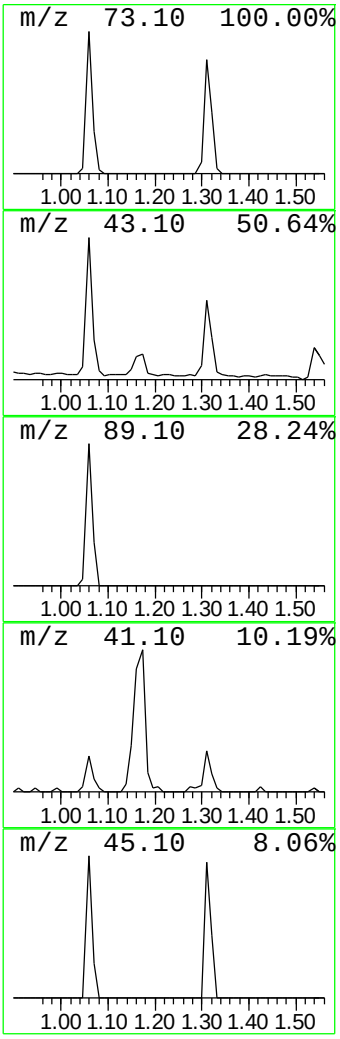
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.06	7.16 ng	67547	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	64
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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ClientSampleId : SB07(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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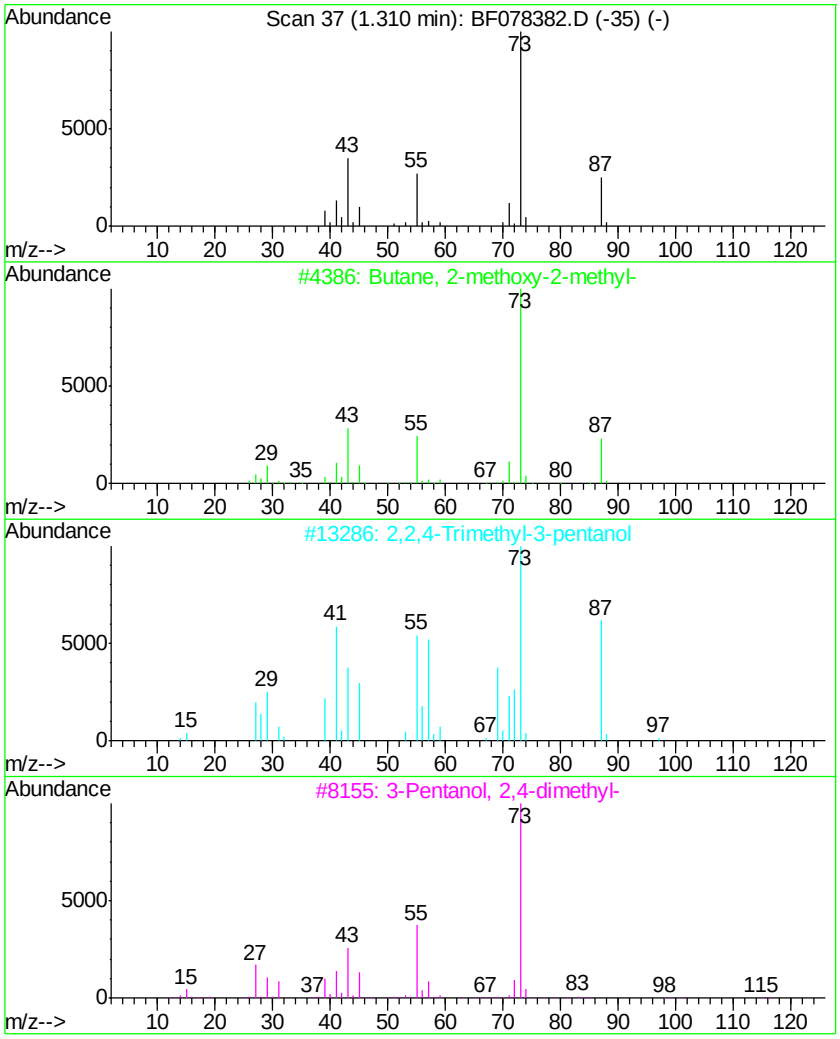
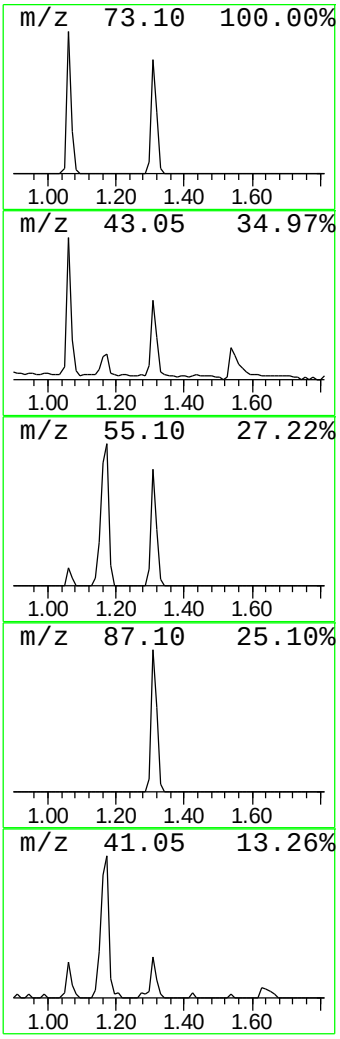
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.31	7.67 ng	72328	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





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Instrument : BNA_F
ClientSampleId : SB07(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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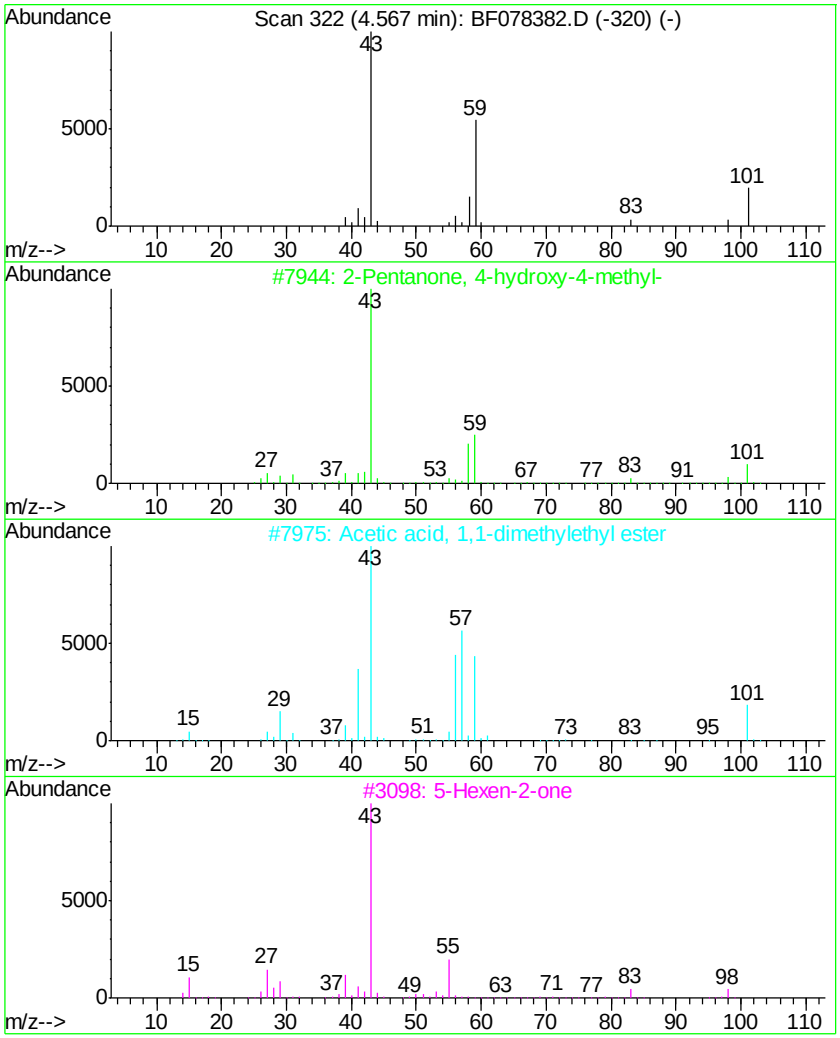
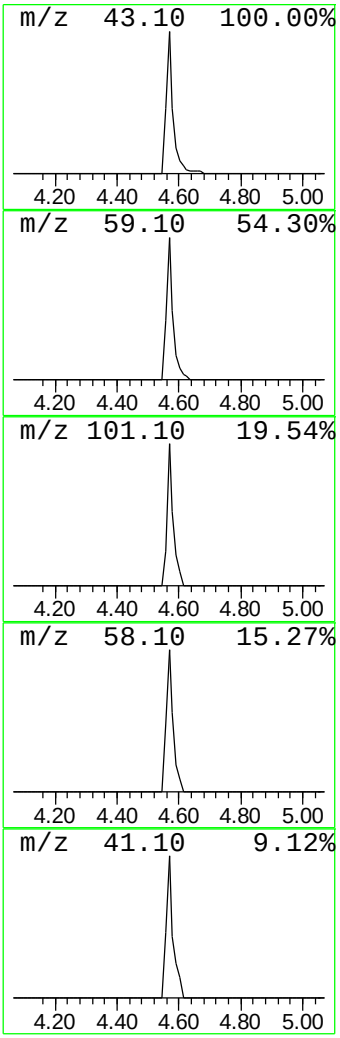
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	8.70 ng	82035	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
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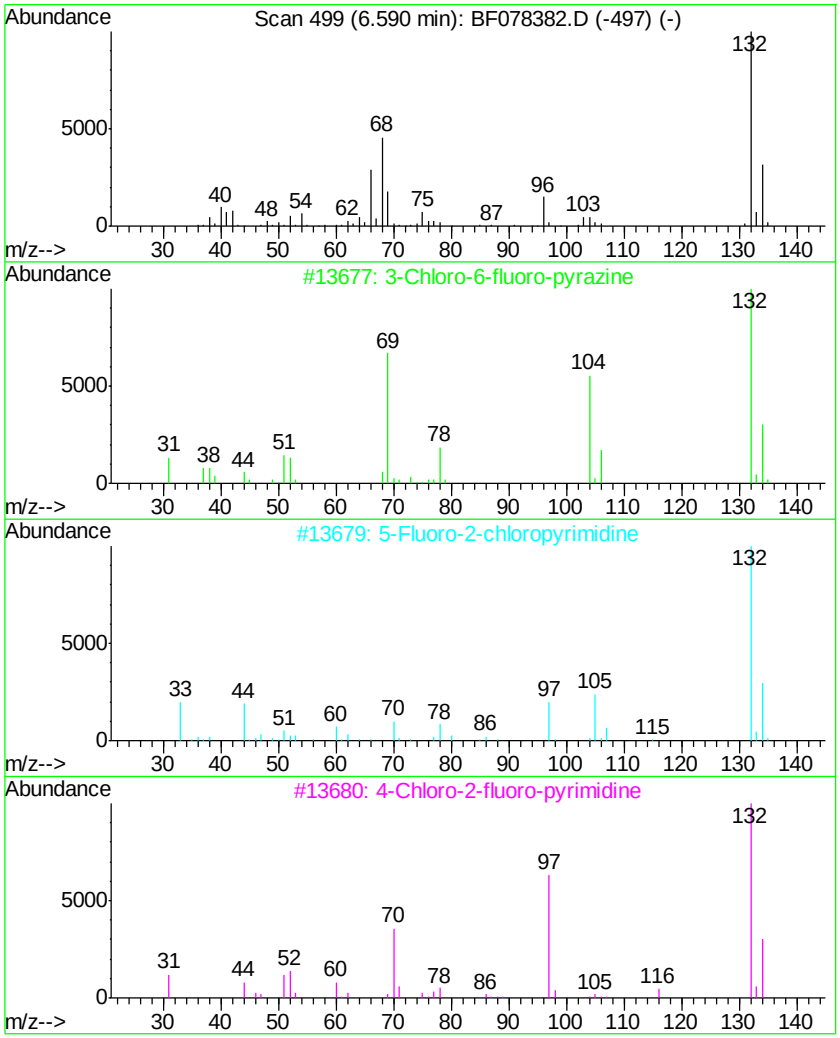
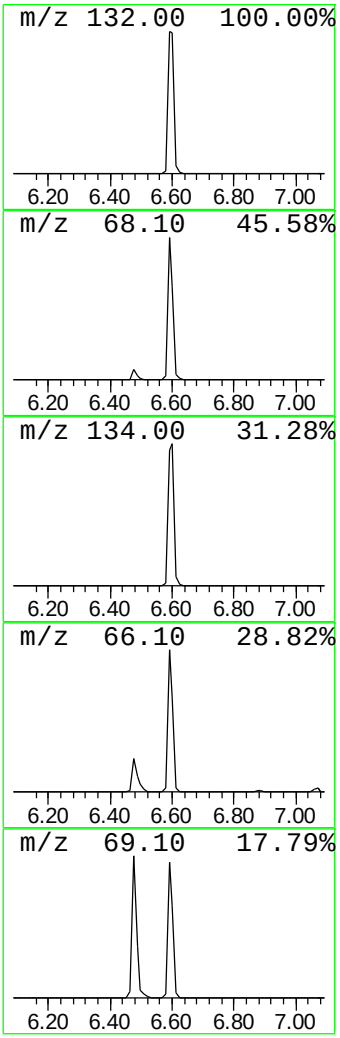
Peak Number 6 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	74.70 ng	704585	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB07(1)

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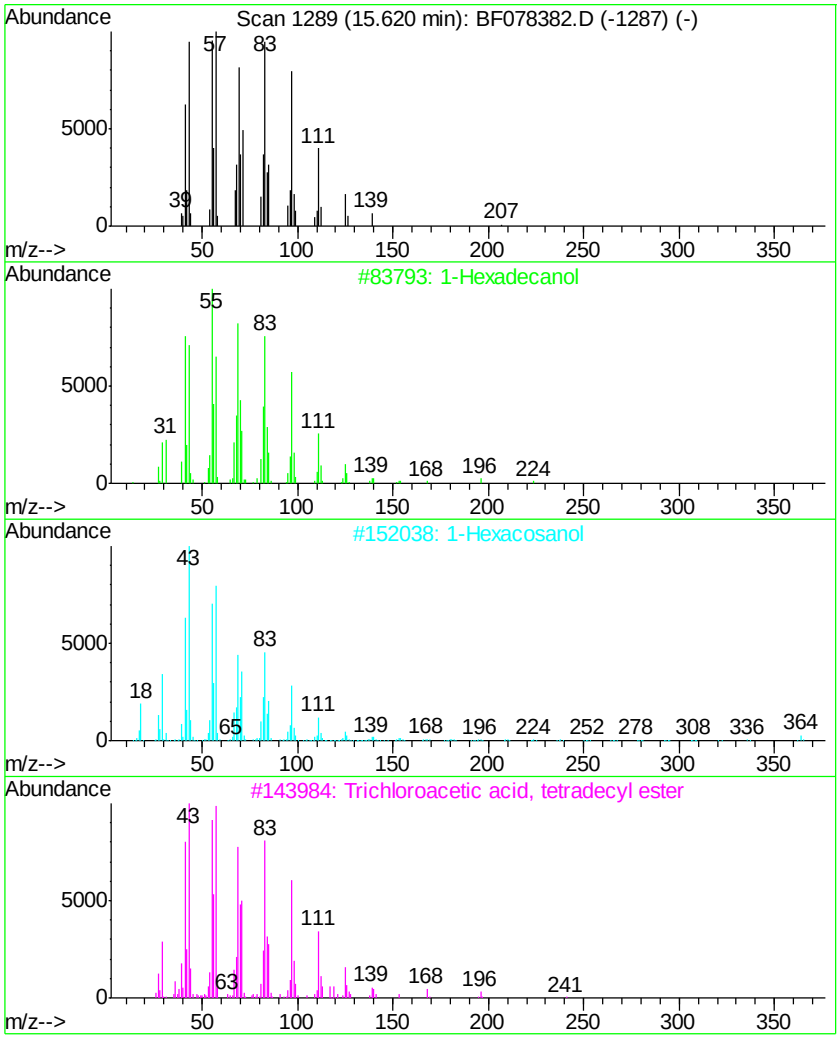
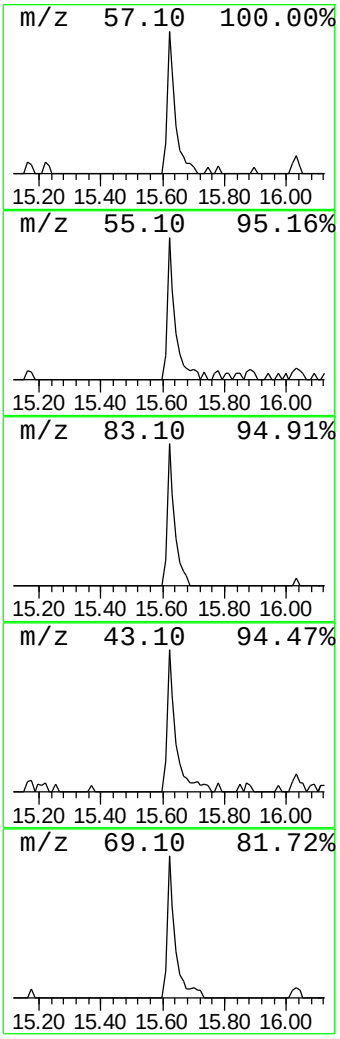
Peak Number 8 1-Hexadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	7.79 ng	132858	Chrysene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	90
2	1-Hexacosanol	382	C26H54O	000506-52-5	87
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87
4	1-Tetracosanol	354	C24H50O	000506-51-4	87
5	1-Nonadecene	266	C19H38	018435-45-5	80





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	1.06	7.2	ng	67547	1	6.89	188642	20.0
Butane, 2-methoxy...	1.31	7.7	ng	72328	1	6.89	188642	20.0
2-Pentanone, 4-hy...	4.57	8.7	ng	82035	1	6.89	188642	20.0
unknown6.59	6.59	74.7	ng	704585	1	6.89	188642	20.0
1-Hexadecanol	15.62	7.8	ng	132858	5	15.70	341177	20.0