LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078429.D
Acq On : 11 Apr 2015 7:57
Operator : TP/IZ
Sample : G1744-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD-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-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	1.012	9	11	14	rVB	1860992	2042933	100.00%	18.738%
2	1.127	18	21	30	rVB2	84275	147189	7.20%	1.350%
3	1.264	31	33	36	rVB	50594	56007	2.74%	0.514%
4	1.344	39	40	54	rVB4	14333	54766	2.68%	0.502%
5	1.527	54	56	63	rBV	66893	120457	5.90%	1.105%
6	1.618	63	64	92	rVB	835784	1485713	72.72%	13.627%
7	4.521	316	318	324	rBV	40349	64002	3.13%	0.587%
8	5.116	367	370	378	rVB	448935	536059	26.24%	4.917%
9	6.464	486	488	490	rBV	476593	547904	26.82%	5.026%
10	6.579	495	498	500	rBV	450855	592559	29.01%	5.435%
11	6.864	520	523	525	rBV	151149	173079	8.47%	1.588%
12	7.047	536	539	541	rBV	493154	480549	23.52%	4.408%
13	7.562	581	584	586	rBV	394878	359157	17.58%	3.294%
14	8.442	658	661	663	rBV	249105	255255	12.49%	2.341%
15	9.779	777	778	781	rVB	587242	774504	37.91%	7.104%
16	10.293	821	823	827	rVB	37532	48556	2.38%	0.445%
17	10.591	847	849	852	rVB	255317	312064	15.28%	2.862%
18	11.573	932	935	937	rBV	387556	460904	22.56%	4.228%
19	12.419	1007	1009	1012	rBV	355787	337802	16.54%	3.098%
20	13.174	1073	1075	1079	rBV2	20868	31585	1.55%	0.290%
21	14.408	1181	1183	1186	rBV	813710	936709	45.85%	8.592%
22	15.505	1277	1279	1283	rBV5	11170	38907	1.90%	0.357%
23	15.597	1284	1287	1292	rVV	113694	202414	9.91%	1.857%
24	15.677	1292	1294	1297	rVV	390899	444944	21.78%	4.081%
25	15.757	1299	1301	1303	rVV	19306	27727	1.36%	0.254%
26	17.346	1438	1440	1443	rBV	320391	370685	18.14%	3.400%

Sum of corrected areas: 10902430

LSC Report - Integrated Chromatogram

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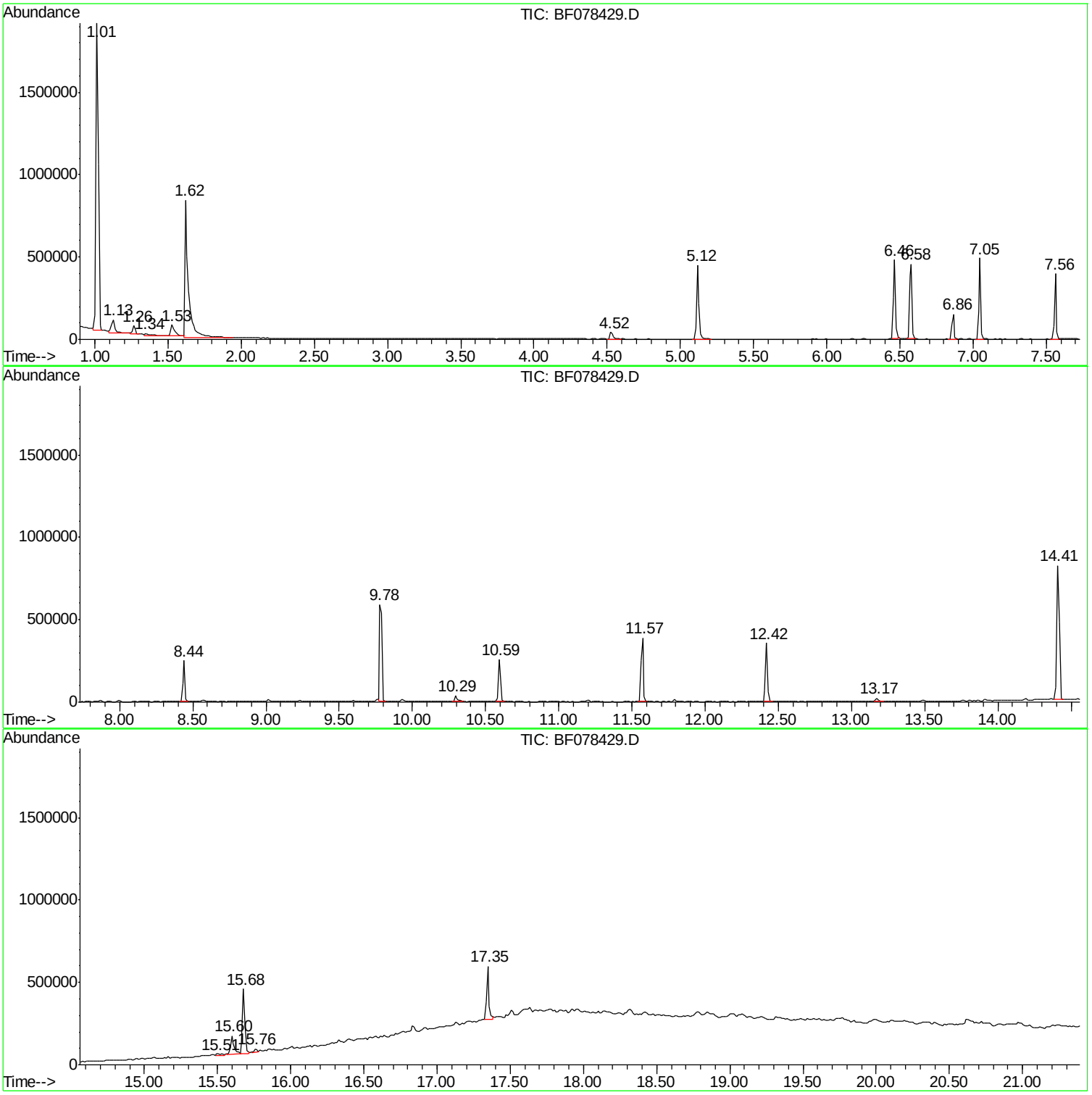
Instrument :
BNA_F
ClientSampleId :
SD-2

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

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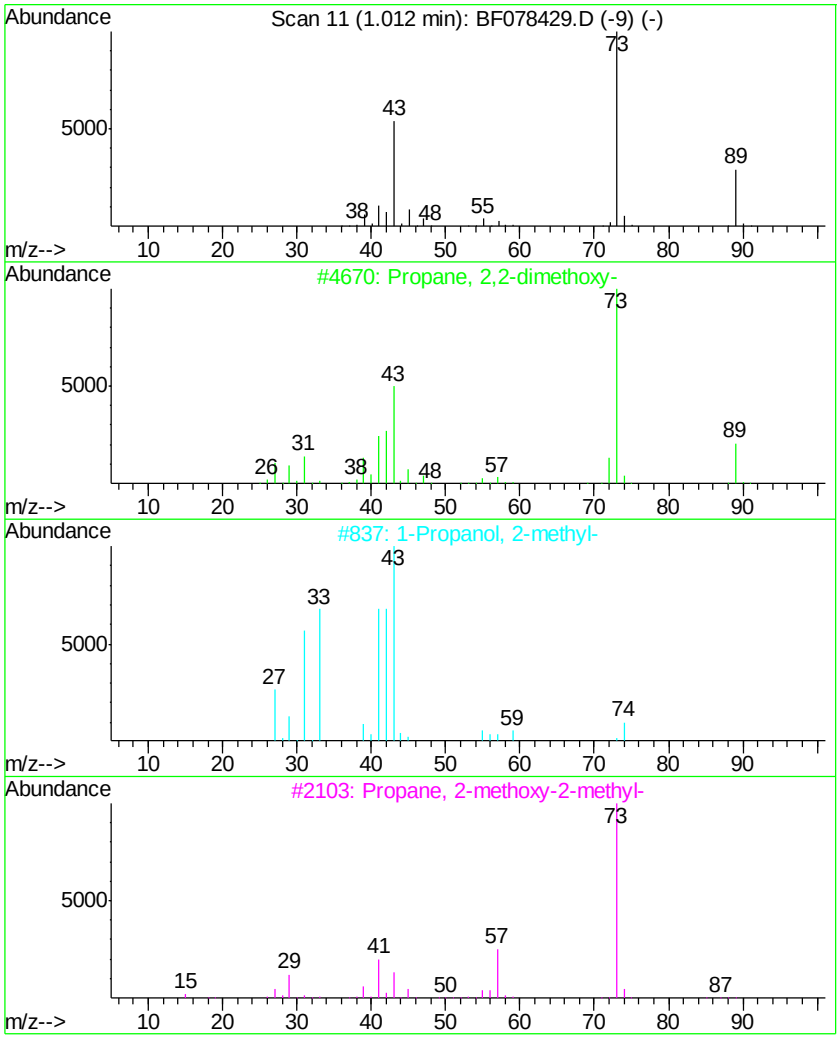
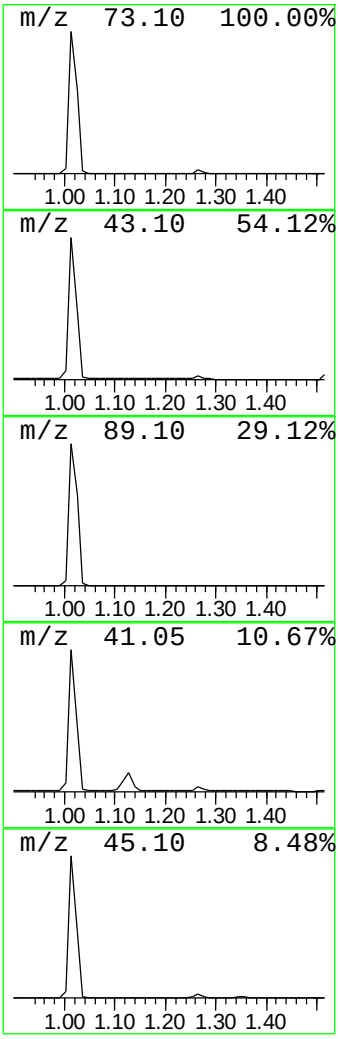
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.01	236.07 ng	2042930	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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Instrument : BNA_F
ClientSampleId : SD-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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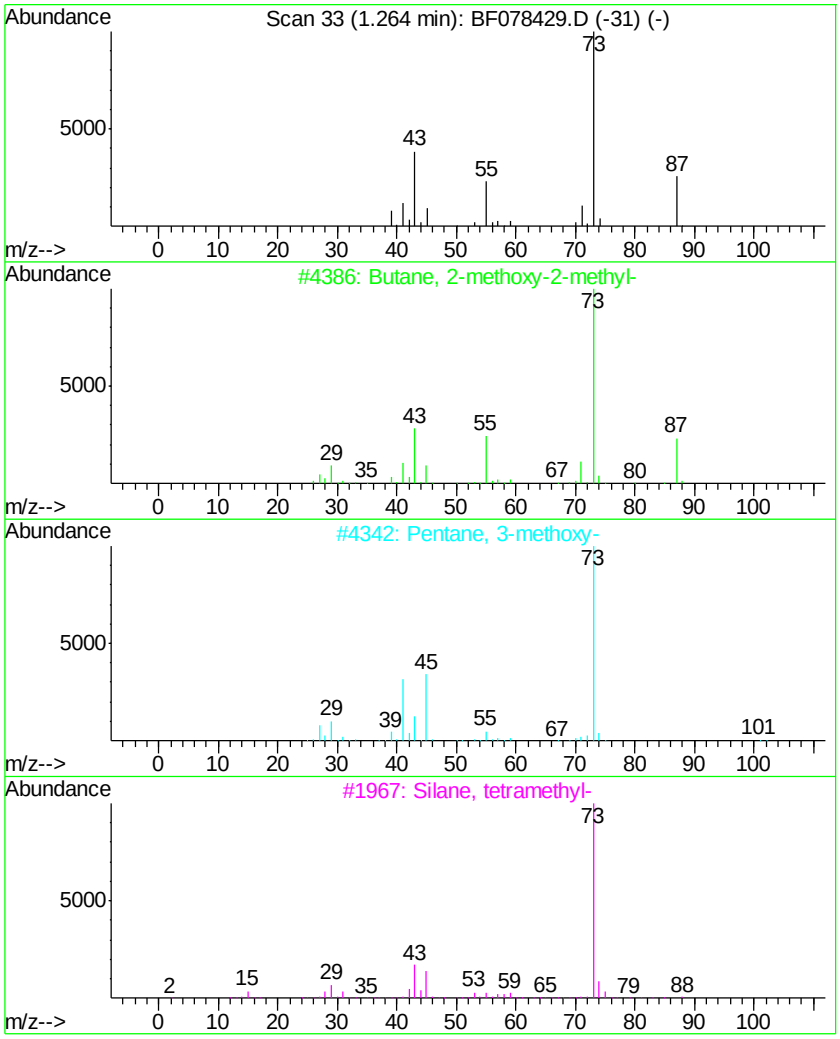
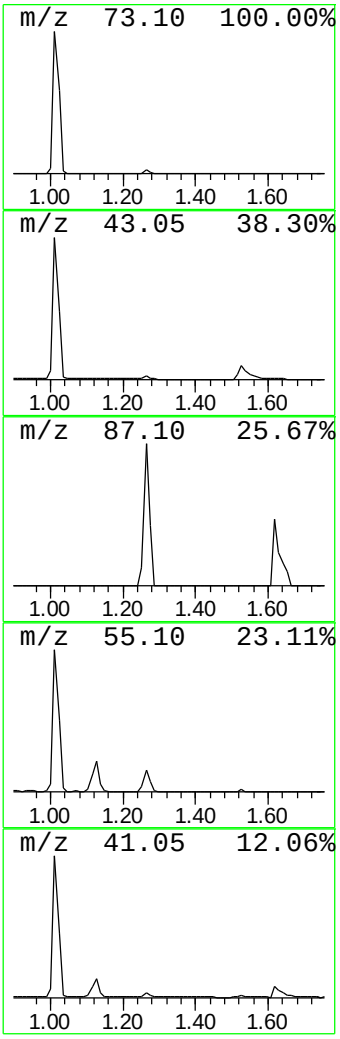
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.26	6.47 ng	56007	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Sample : G1744-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD-2

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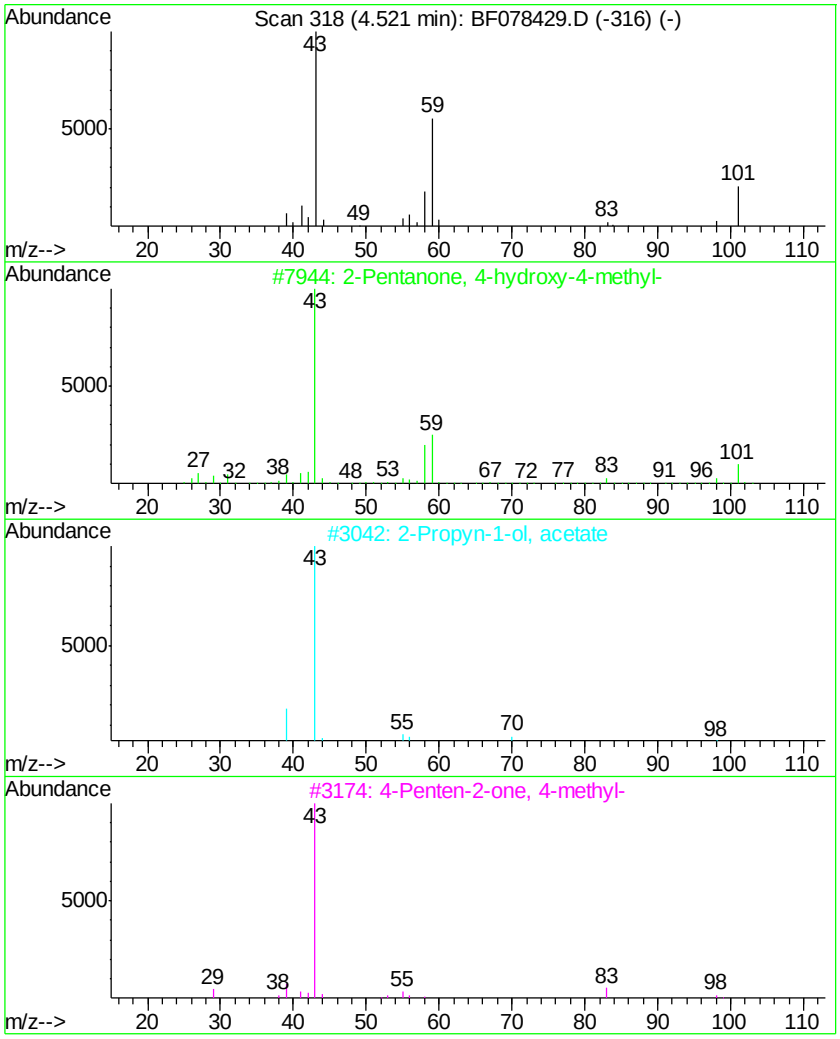
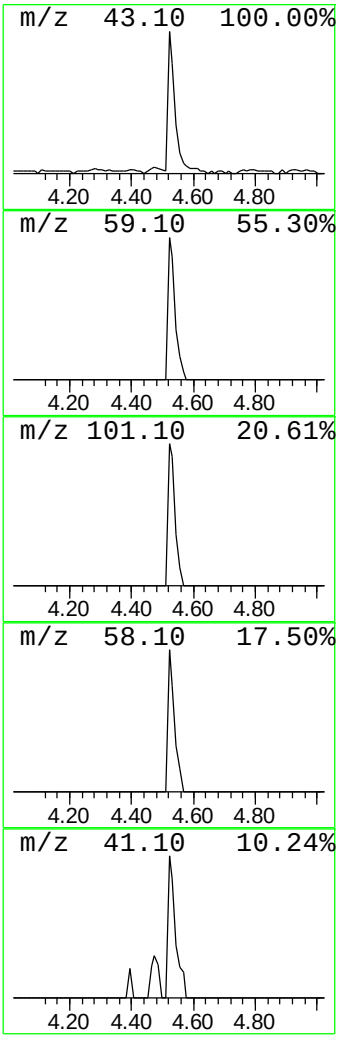
Peak Number 7 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	7.40 ng	64002	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
5	2-Nonanone	142	C9H18O	000821-55-6	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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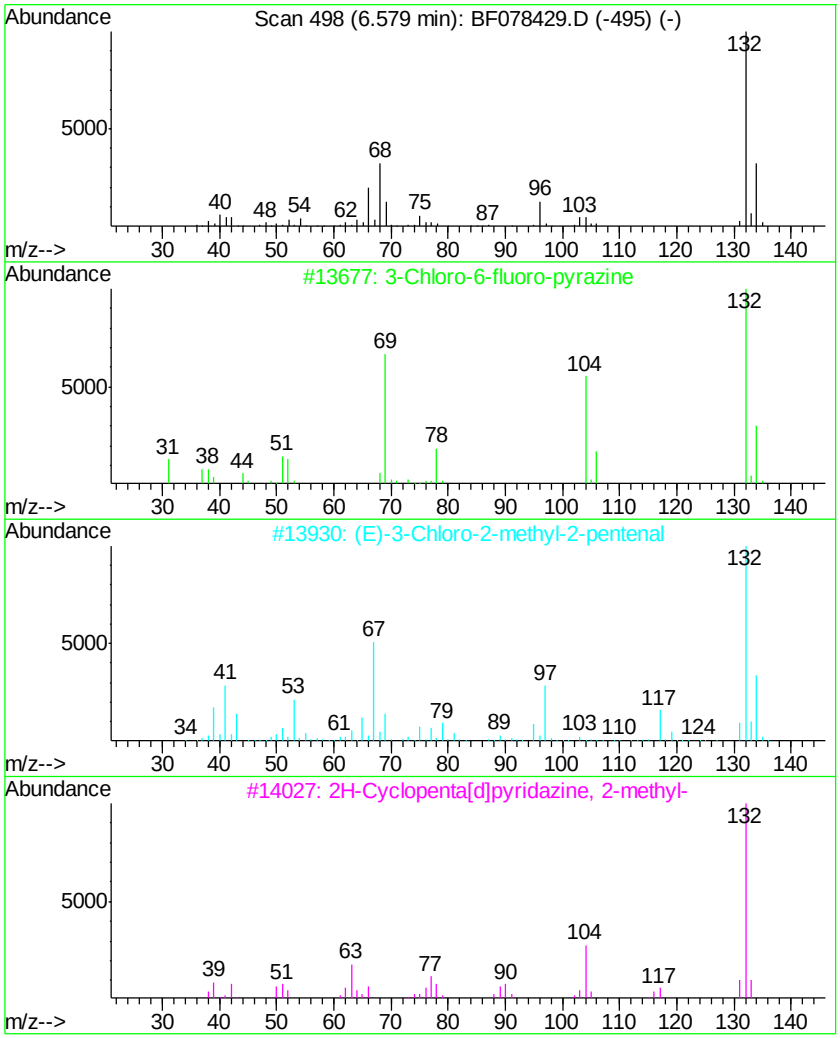
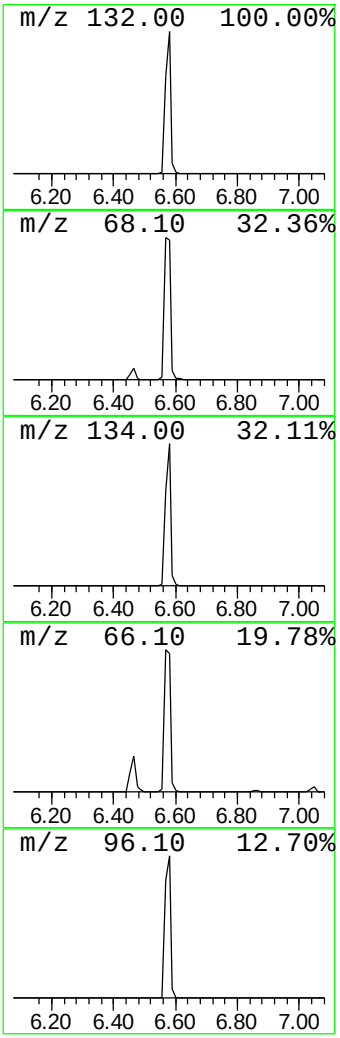
Peak Number 8 unknown6.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	68.47 ng	592559	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	Xenon	132	Xe	007440-63-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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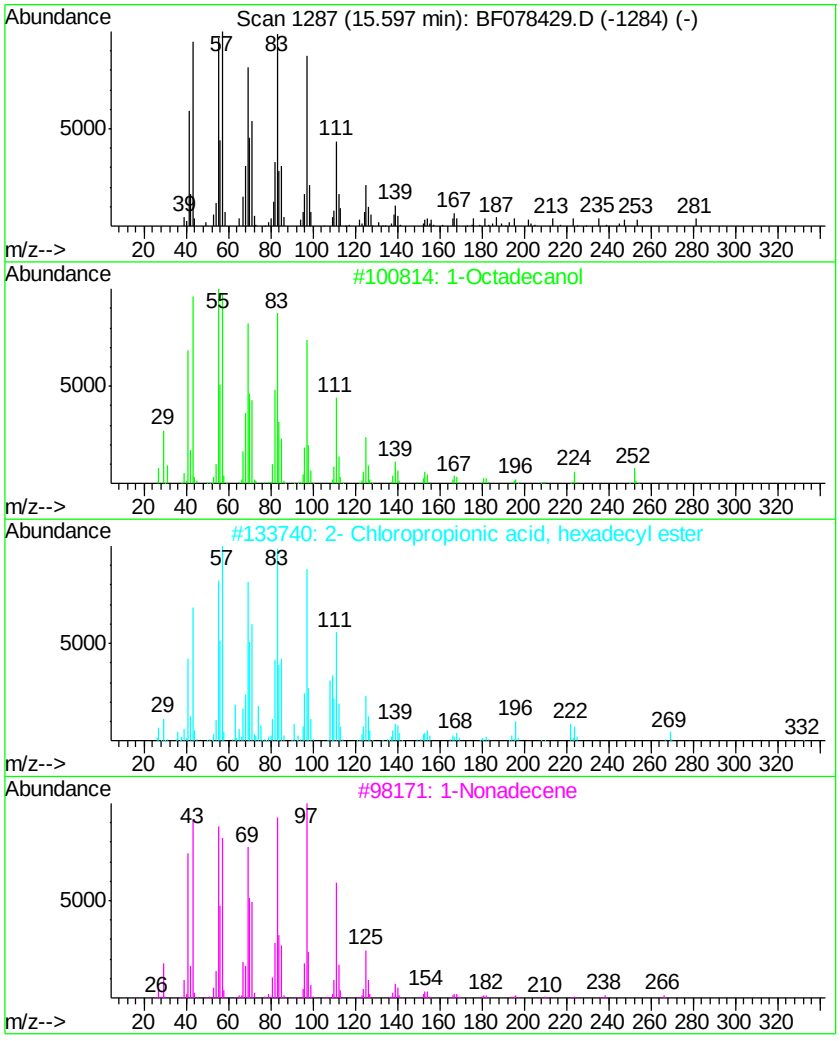
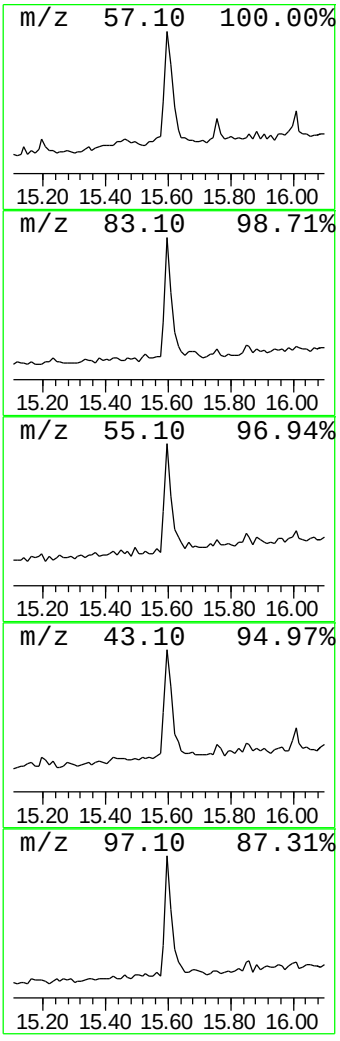
Peak Number 10 1-Octadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	9.10 ng	202414	Chrysene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	94
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
3	1-Nonadecene	266	C19H38	018435-45-5	94
4	11-Tricosene	322	C23H46	052078-56-5	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	1.01	236.1	ng	2042930	1	6.86	173079	20.0
Butane, 2-methoxy...	1.26	6.5	ng	56007	1	6.86	173079	20.0
2-Pentanone, 4-hy...	4.52	7.4	ng	64002	1	6.86	173079	20.0
unknown6.58	6.58	68.5	ng	592559	1	6.86	173079	20.0
1-Octadecanol	15.60	9.1	ng	202414	5	15.68	444944	20.0