LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078364.D
Acq On : 9 Apr 2015 17:55
Operator : TP/IZ
Sample : G1782-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02

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	0.990	6	9	11	rBV	31498	32868	3.51%	0.350%
2	1.058	13	15	18	rVV	776199	719211	76.84%	7.667%
3	1.173	19	25	29	rVB2	69575	123174	13.16%	1.313%
4	1.310	35	37	40	rBV	300618	350935	37.49%	3.741%
5	1.630	64	65	79	rBV	43735	96323	10.29%	1.027%
6	4.510	314	317	320	rBV	21334	29754	3.18%	0.317%
7	4.567	320	322	329	rVB	56741	77835	8.32%	0.830%
8	5.150	370	373	382	rBV	558190	710353	75.89%	7.573%
9	6.487	487	490	492	rBV	525380	729854	77.98%	7.781%
10	6.602	497	500	502	rBV	642418	757423	80.92%	8.075%
11	6.887	523	525	527	rBV	205057	237443	25.37%	2.531%
12	7.070	538	541	543	rBV	553226	549143	58.67%	5.854%
13	7.585	584	586	588	rBV	505905	451048	48.19%	4.809%
14	8.465	660	663	665	rBV	321508	334473	35.73%	3.566%
15	9.813	778	781	783	rBV	814373	843494	90.12%	8.992%
16	10.328	824	826	828	rBB	36645	47456	5.07%	0.506%
17	10.625	849	852	854	rBV	343994	392780	41.96%	4.187%
18	11.528	929	931	933	rBB	18589	18304	1.96%	0.195%
19	11.596	934	937	940	rBV	567764	552116	58.99%	5.886%
20	12.442	1009	1011	1014	rBV	347082	418395	44.70%	4.460%
21	14.442	1183	1186	1188	rBV	797796	935987	100.00%	9.978%
22	15.631	1287	1290	1295	rBV	27803	49500	5.29%	0.528%
23	15.711	1295	1297	1300	rVB	421514	459357	49.08%	4.897%
24	17.460	1447	1450	1453	rBV	369066	449127	47.98%	4.788%
25	18.957	1578	1581	1585	rBV5	4800	13752	1.47%	0.147%

Sum of corrected areas: 9380105

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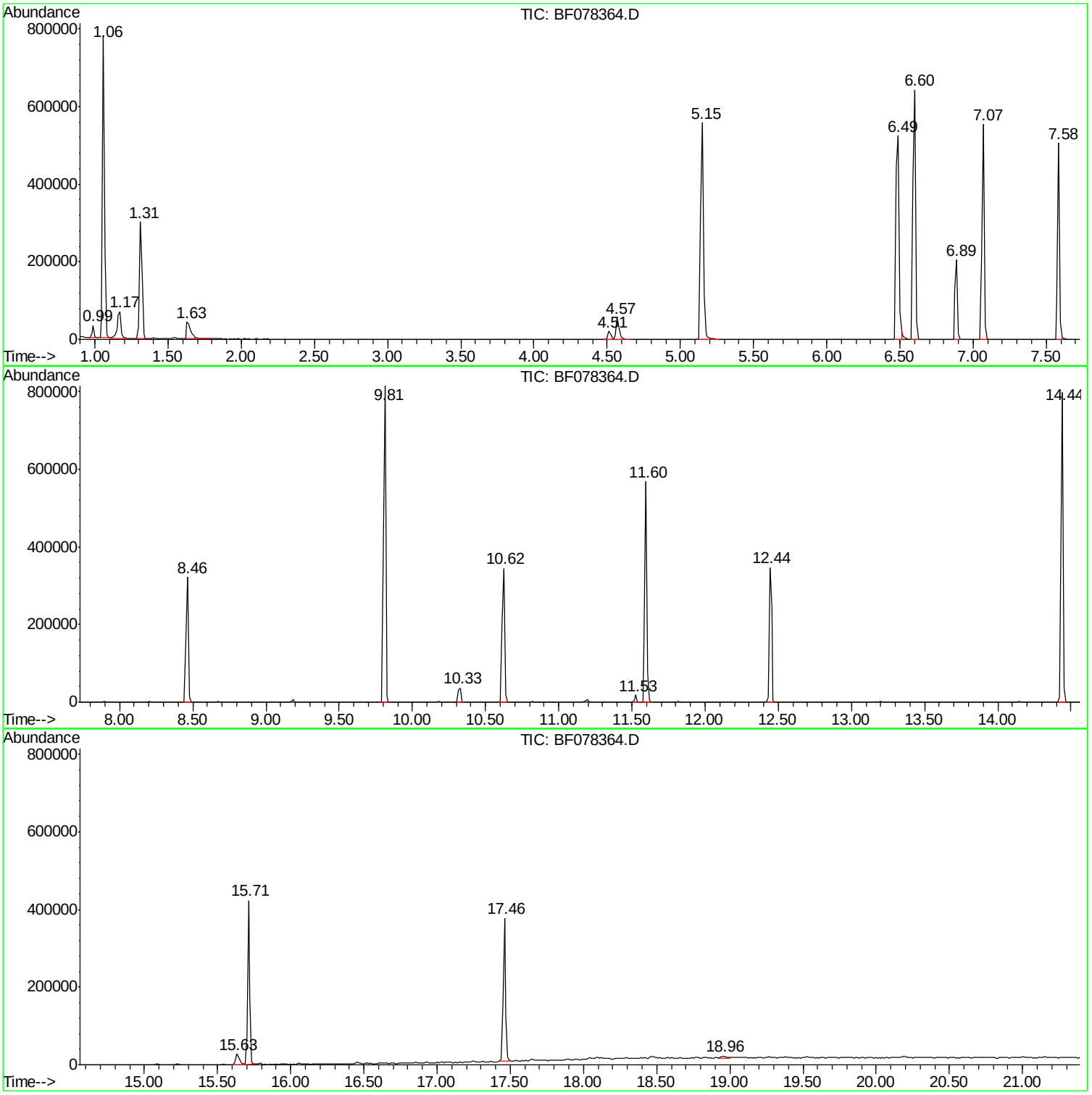
Instrument : BNA_F
ClientSampleId : SB02

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
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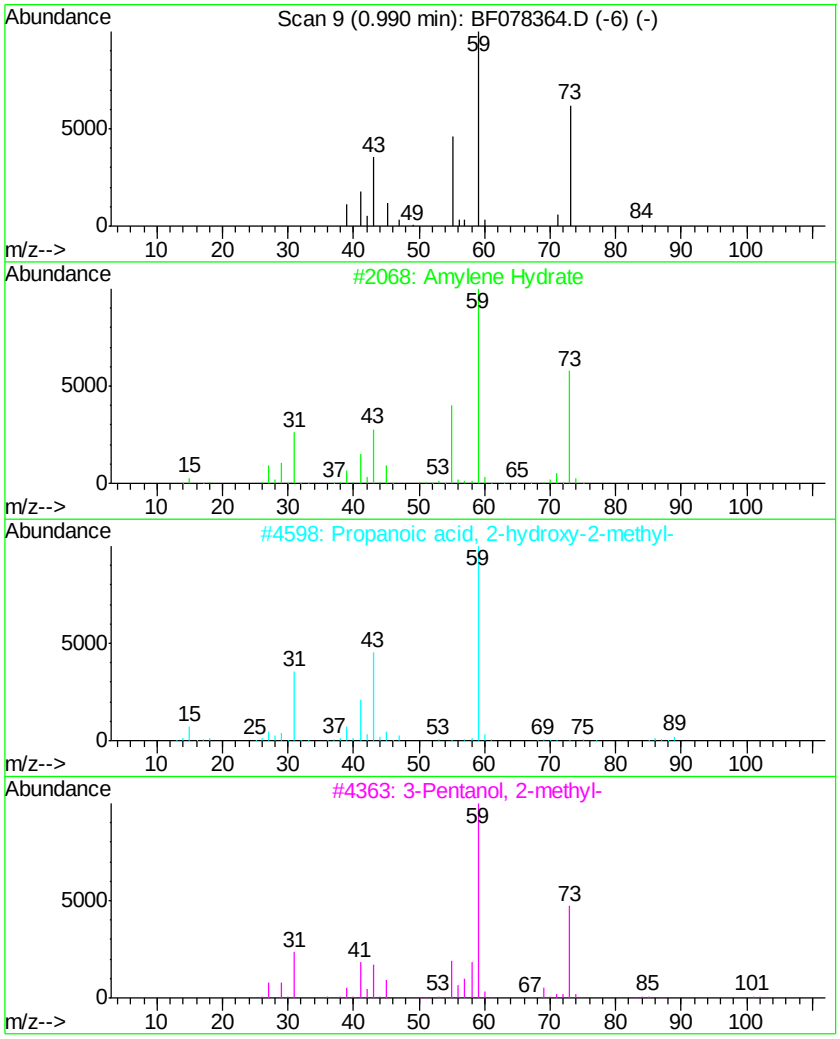
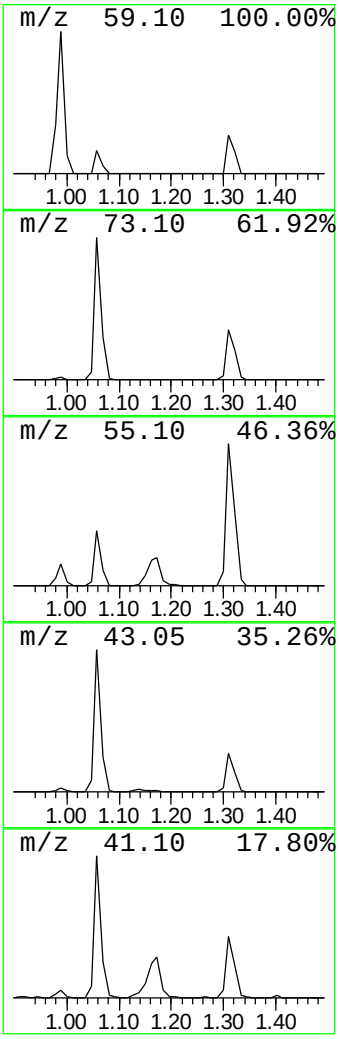
Peak Number 1 Amylene Hydrate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
0.99	2.77 ng	32868	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene Hydrate	88	C5H12O	000075-85-4	83
2	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	42
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	40
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9
5	2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	9





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Instrument : BNA_F
ClientSampleId : SB02

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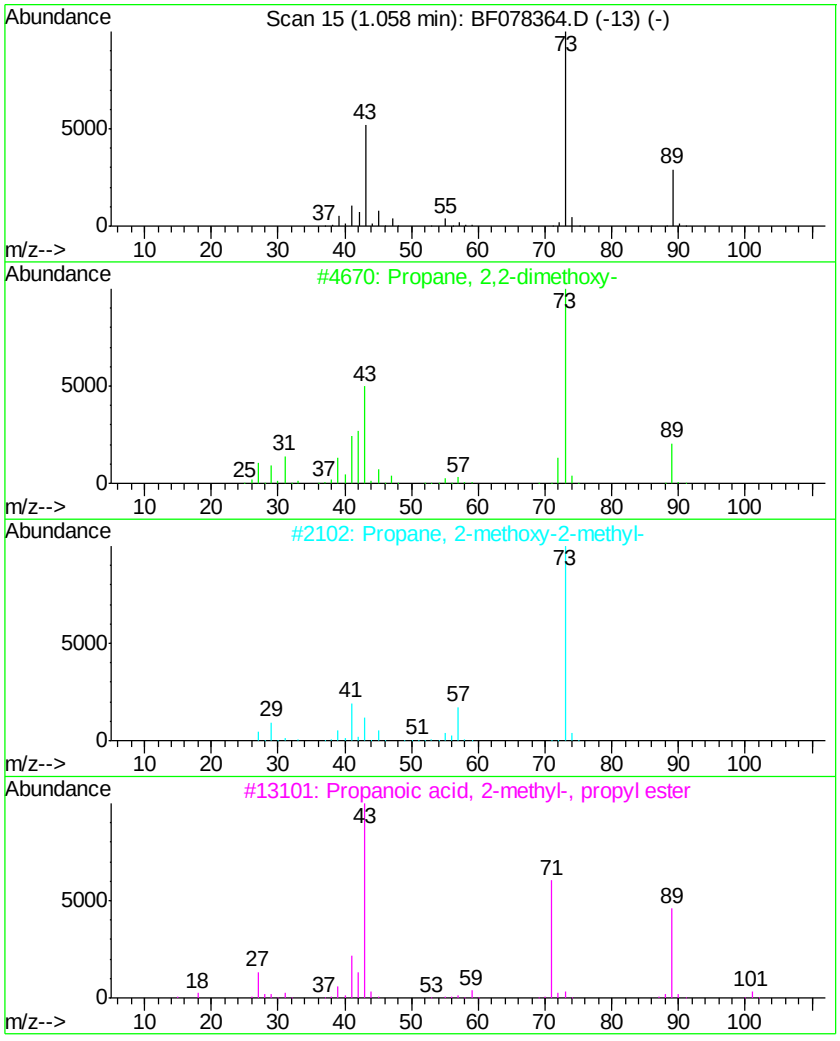
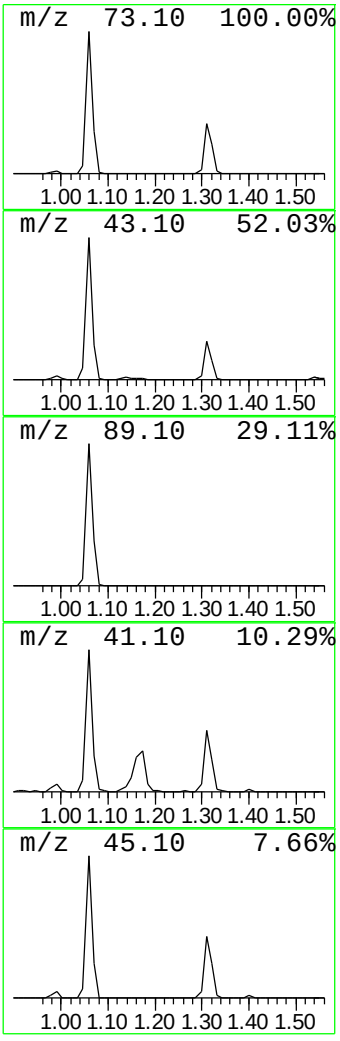
Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.06	60.58 ng	719211	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	56
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	7





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Operator : TP/IZ
Sample : G1782-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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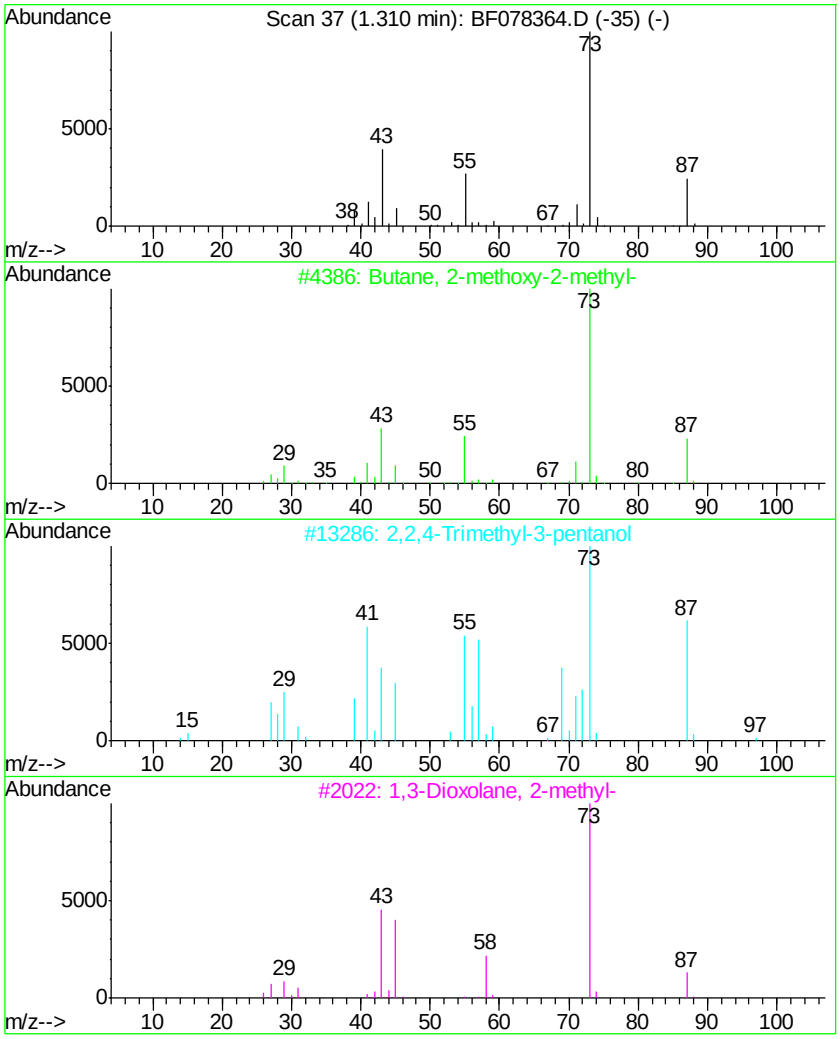
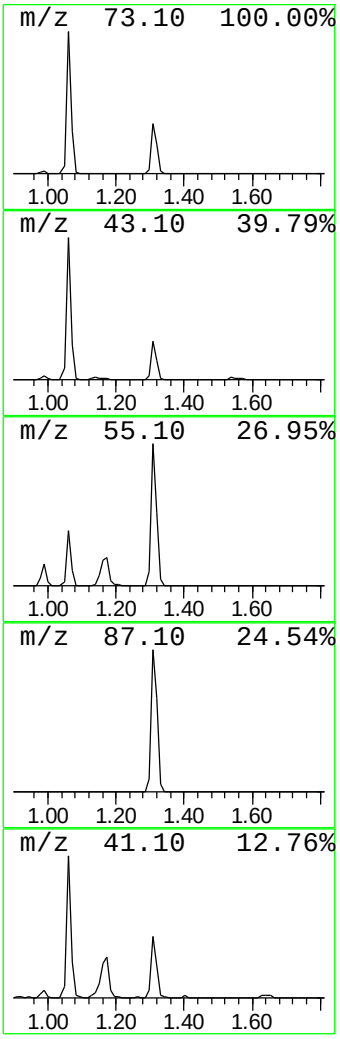
Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.31	29.56 ng	350935	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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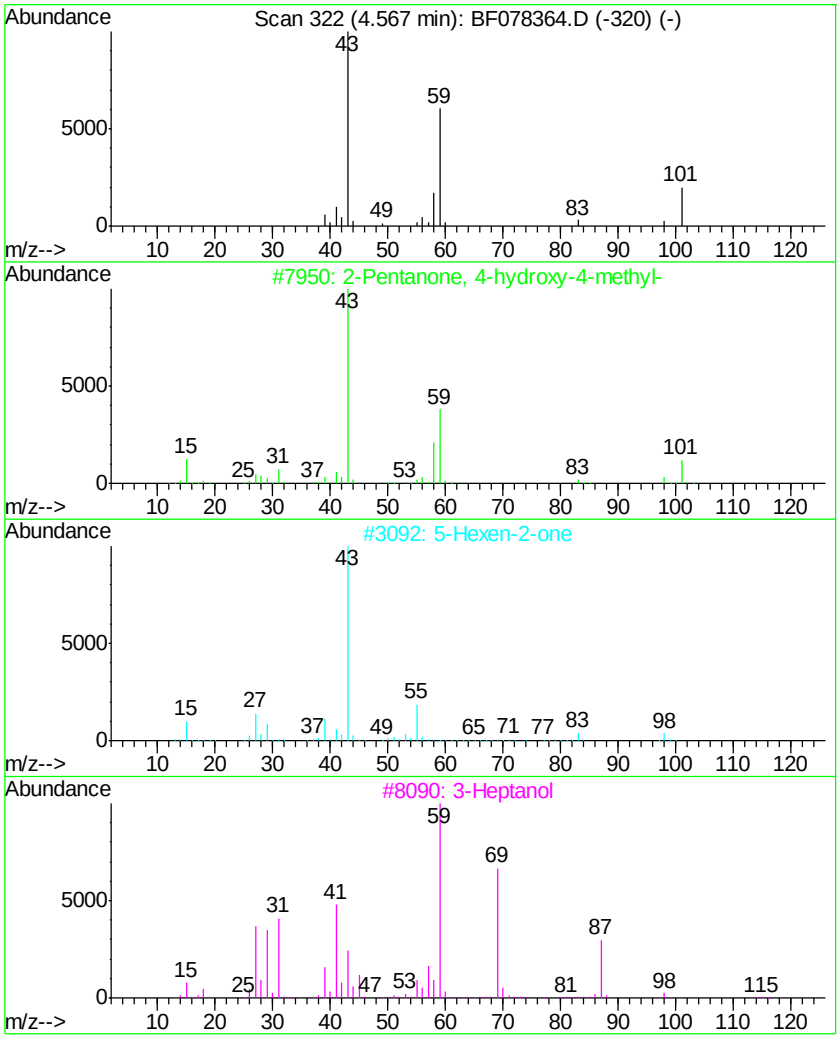
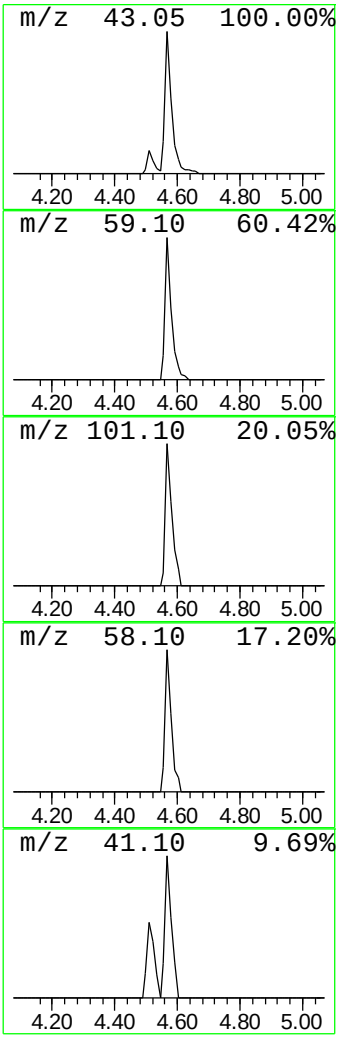
Peak Number 7 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	6.56 ng	77835	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	53
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	3-Heptanol	116	C7H16O	000589-82-2	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	3-Octanol	130	C8H18O	000589-98-0	9





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Sample : G1782-12
Misc :
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Instrument : BNA_F
ClientSampleId : SB02

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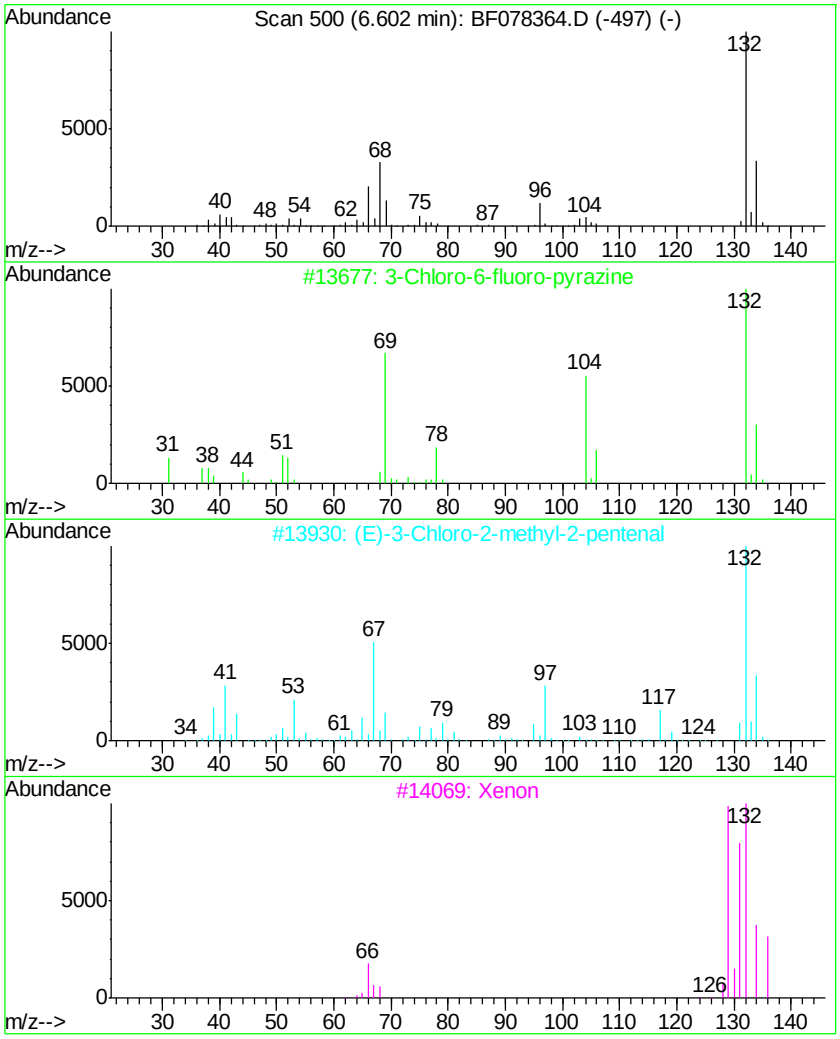
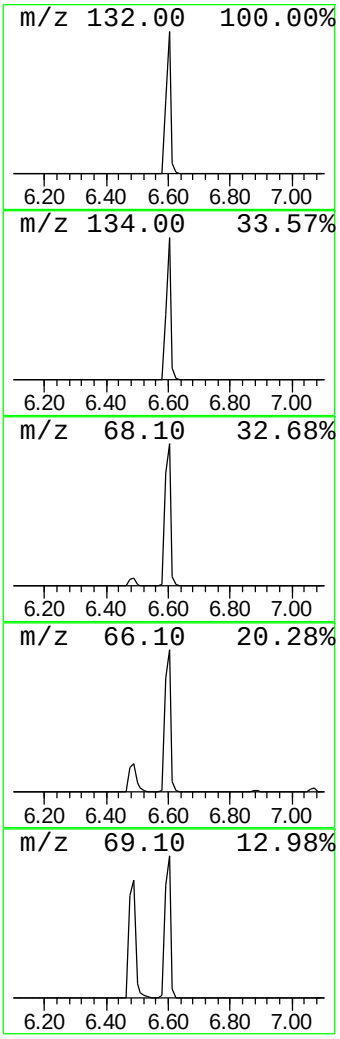
Peak Number 8 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	63.80 ng	757423	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	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Xenon	132	Xe	007440-63-3	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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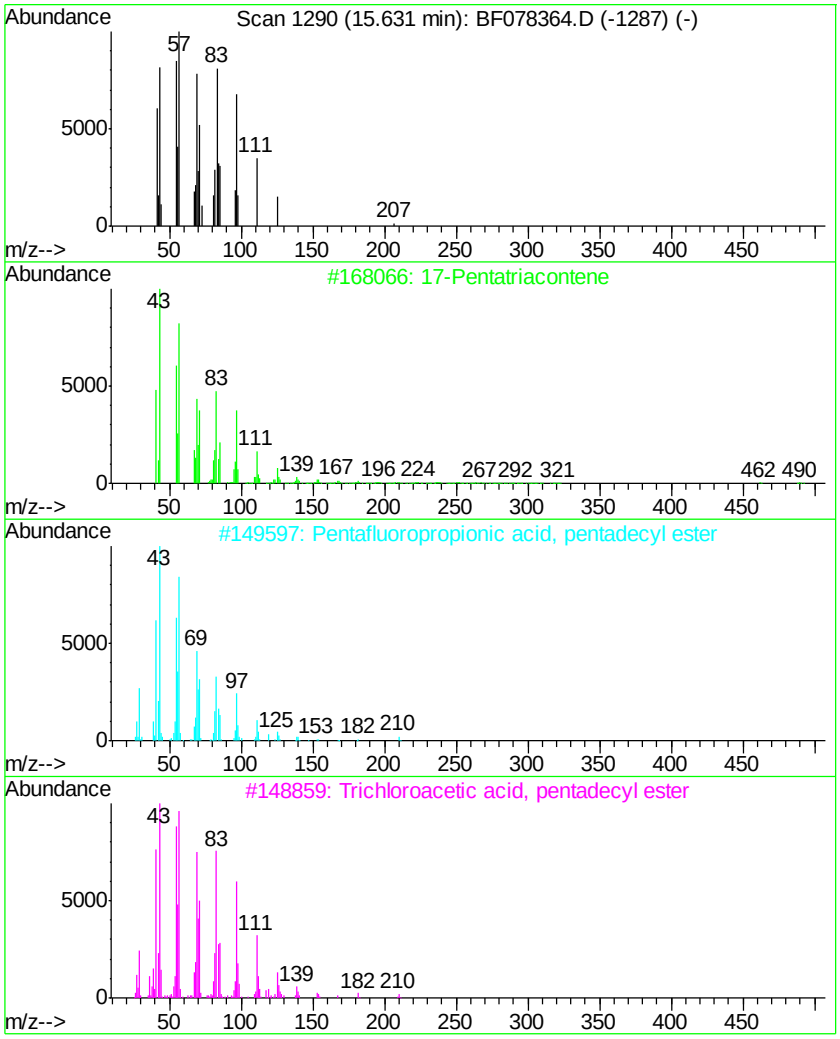
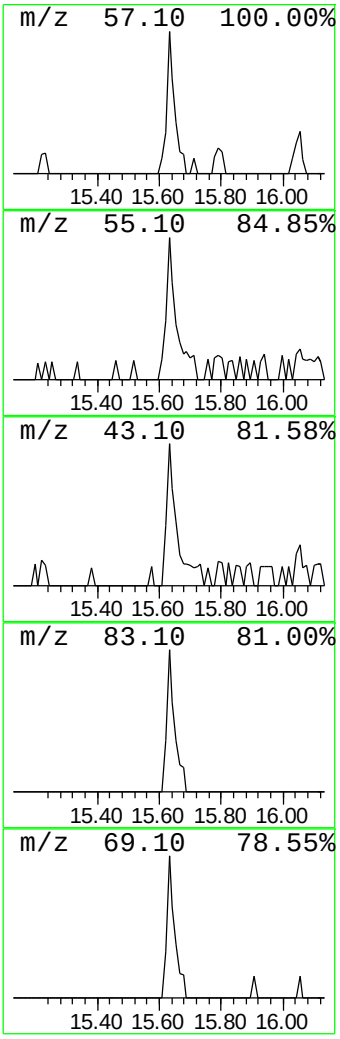
Peak Number 10 17-Pentatriacontene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	2.16 ng	49500	Chrysene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	90
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	1-Hexacosanol	382	C26H54O	000506-52-5	83





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
Amylene Hydrate	0.99	2.8	ng	32868	1	6.89	237443	20.0
Propane, 2,2-dime...	1.06	60.6	ng	719211	1	6.89	237443	20.0
Butane, 2-methoxy...	1.31	29.6	ng	350935	1	6.89	237443	20.0
2-Pentanone, 4-hy...	4.57	6.6	ng	77835	1	6.89	237443	20.0
unknown6.60	6.60	63.8	ng	757423	1	6.89	237443	20.0
17-Pentatriacontene	15.63	2.2	ng	49500	5	15.71	459357	20.0