LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077462.D
Acq On : 26 Feb 2015 13:49
Operator : TP/IZ
Sample : G1384-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 41A-NW-022515

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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	1.424	45	47	50	rVB	3215782	3505946	100.00%	17.681%
2	1.561	56	59	62	rVB	121514	203761	5.81%	1.028%
3	1.733	72	74	82	rVV	112384	194334	5.54%	0.980%
4	1.847	82	84	99	rVB	526403	1131614	32.28%	5.707%
5	5.047	362	364	369	rVB	209843	247843	7.07%	1.250%
6	5.562	406	409	411	rBV	1124798	1242685	35.45%	6.267%
7	6.830	517	520	522	rBV	903168	1290916	36.82%	6.510%
8	6.979	530	533	535	rBV	1483938	1361065	38.82%	6.864%
9	7.265	556	558	560	rBV	312322	304670	8.69%	1.537%
10	7.459	572	575	577	rBV	902038	1051051	29.98%	5.301%
11	7.962	616	619	621	rBV	663687	799305	22.80%	4.031%
12	8.842	694	696	699	rBV	465029	410412	11.71%	2.070%
13	10.191	811	814	816	rBV	2032084	1750618	49.93%	8.829%
14	11.013	884	886	889	rVB	406887	480292	13.70%	2.422%
15	11.916	963	965	967	rVB	43918	43683	1.25%	0.220%
16	11.996	969	972	975	rBV	1164453	1119528	31.93%	5.646%
17	12.865	1045	1048	1050	rBV	470591	522243	14.90%	2.634%
18	14.545	1193	1195	1198	rBV	47571	48891	1.39%	0.247%
19	14.854	1220	1222	1225	rBV	1651394	2228564	63.57%	11.239%
20	15.494	1274	1278	1283	rBV2	91879	131227	3.74%	0.662%
21	16.020	1322	1324	1331	rBV	197268	311764	8.89%	1.572%
22	16.145	1333	1335	1338	rBV	537098	640804	18.28%	3.232%
23	17.323	1435	1438	1441	rBV	36497	49371	1.41%	0.249%
24	17.894	1485	1488	1490	rBV	445730	667449	19.04%	3.366%
25	18.523	1540	1543	1548	rVB	42483	90378	2.58%	0.456%

Sum of corrected areas: 19828414

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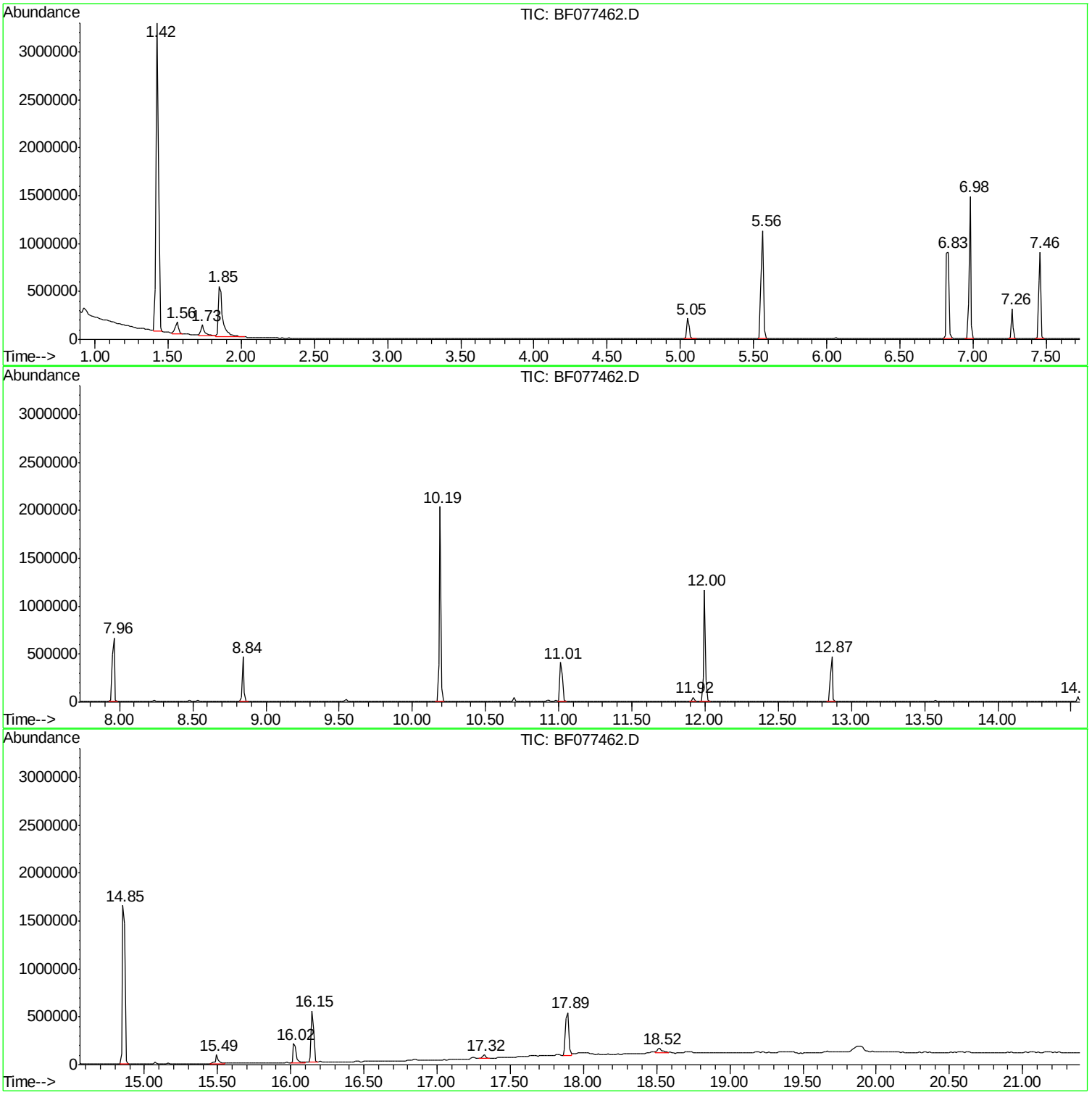
Instrument : BNA_F
ClientSampleId : 41A-NW-022515

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Data File : BF077462.D
Acq On : 26 Feb 2015 13:49
Operator : TP/IZ
Sample : G1384-01
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
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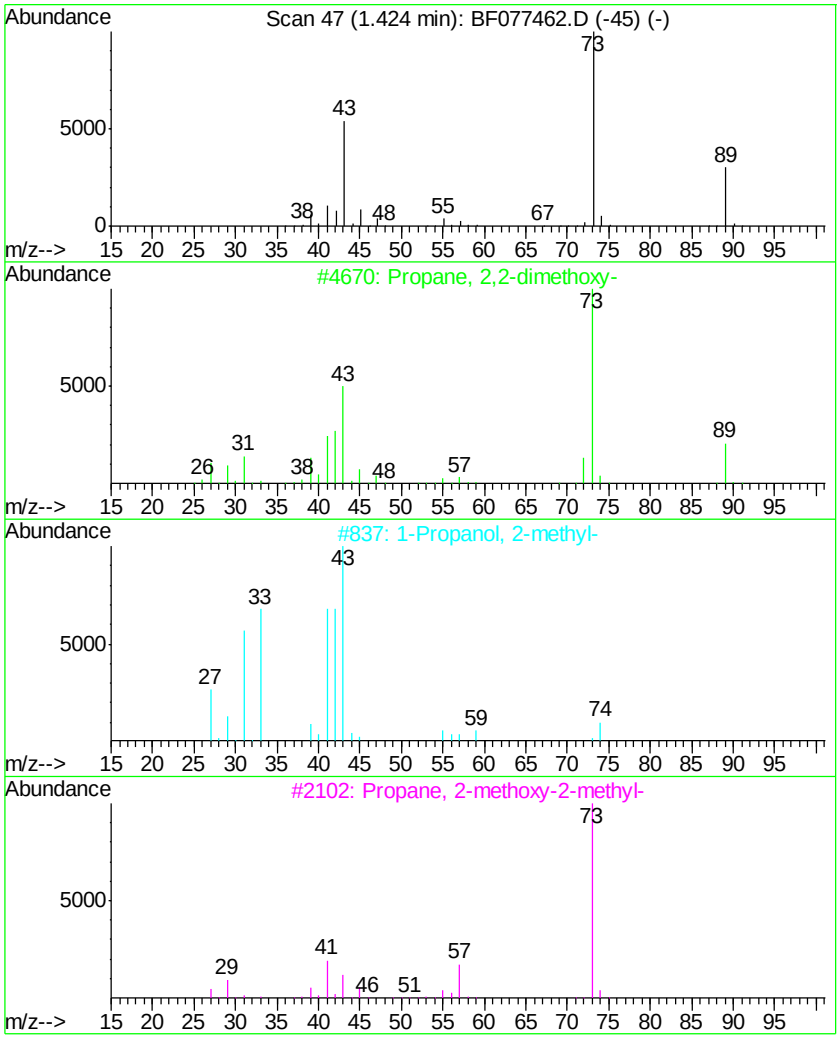
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

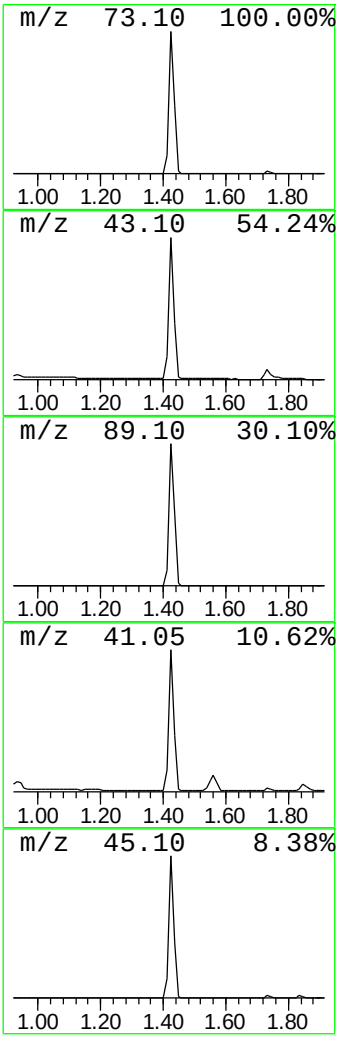
****

Peak Number 1 unknown1.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.42	230.15 ng	3505950	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





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Operator : TP/IZ
Sample : G1384-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 41A-NW-022515

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

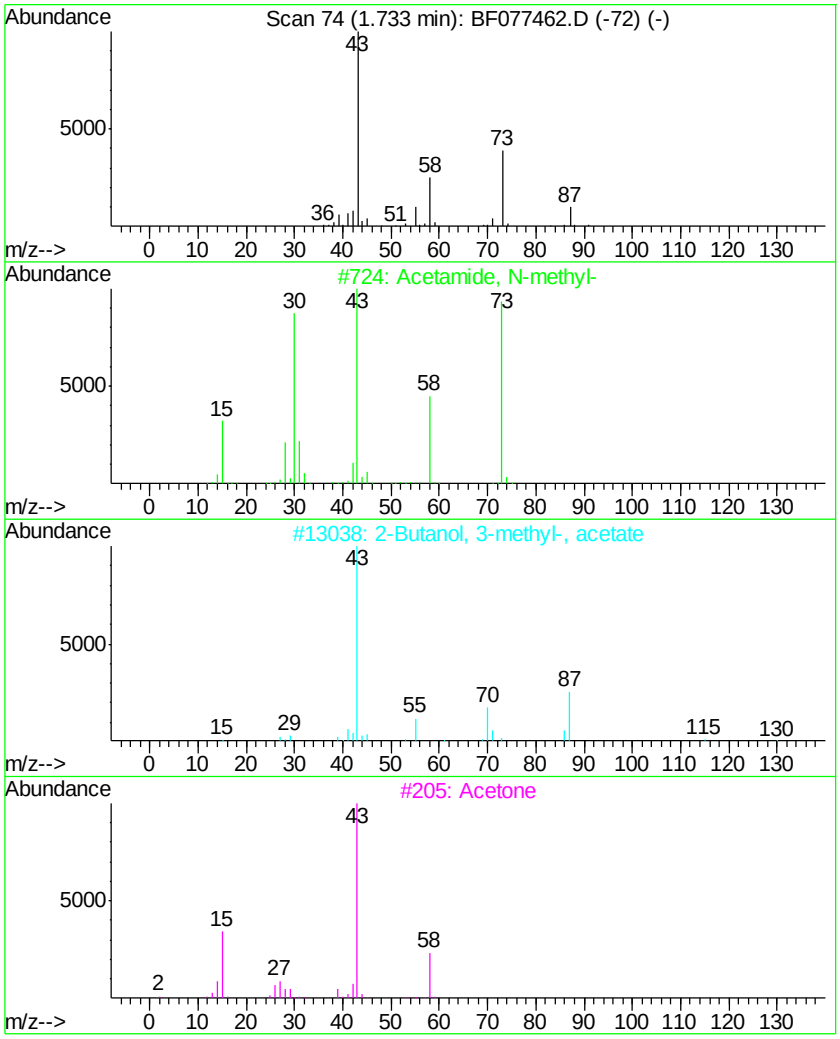
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

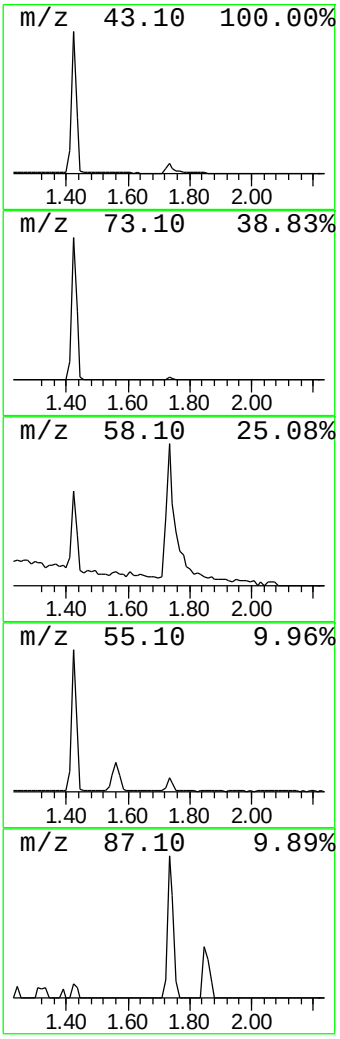
****

Peak Number 3 unknown1.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.73	12.76 ng	194334	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	47
2	2-Butanol, 3-methyl-, acetate	130	C7H14O2	005343-96-4	43
3	Acetone	58	C3H6O	000067-64-1	37
4	2-Pentanol, acetate	130	C7H14O2	000626-38-0	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077462.D
Acq On : 26 Feb 2015 13:49
Operator : TP/IZ
Sample : G1384-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 41A-NW-022515

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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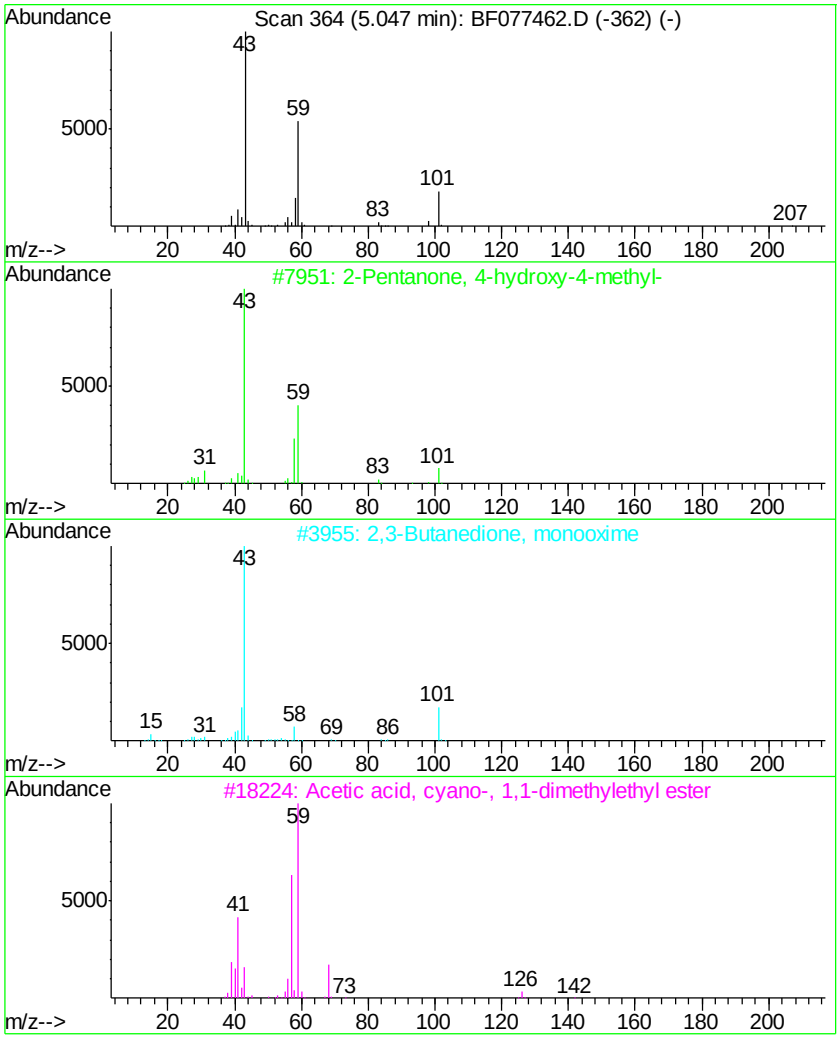
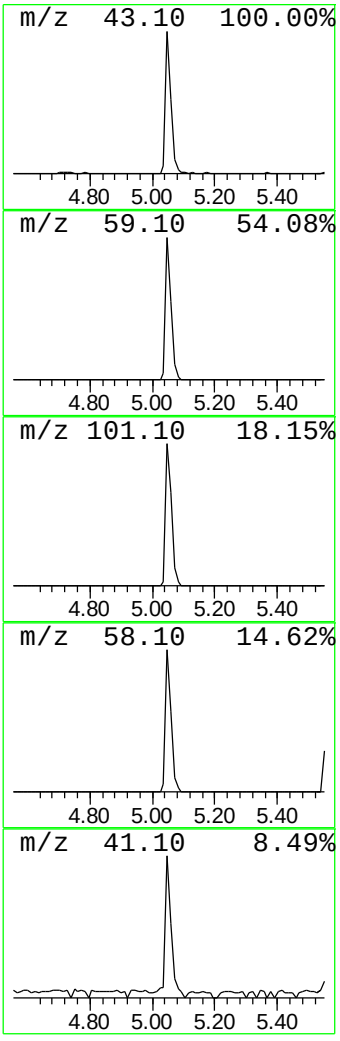
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	16.27 ng	247843	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Operator : TP/IZ
Sample : G1384-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 41A-NW-022515

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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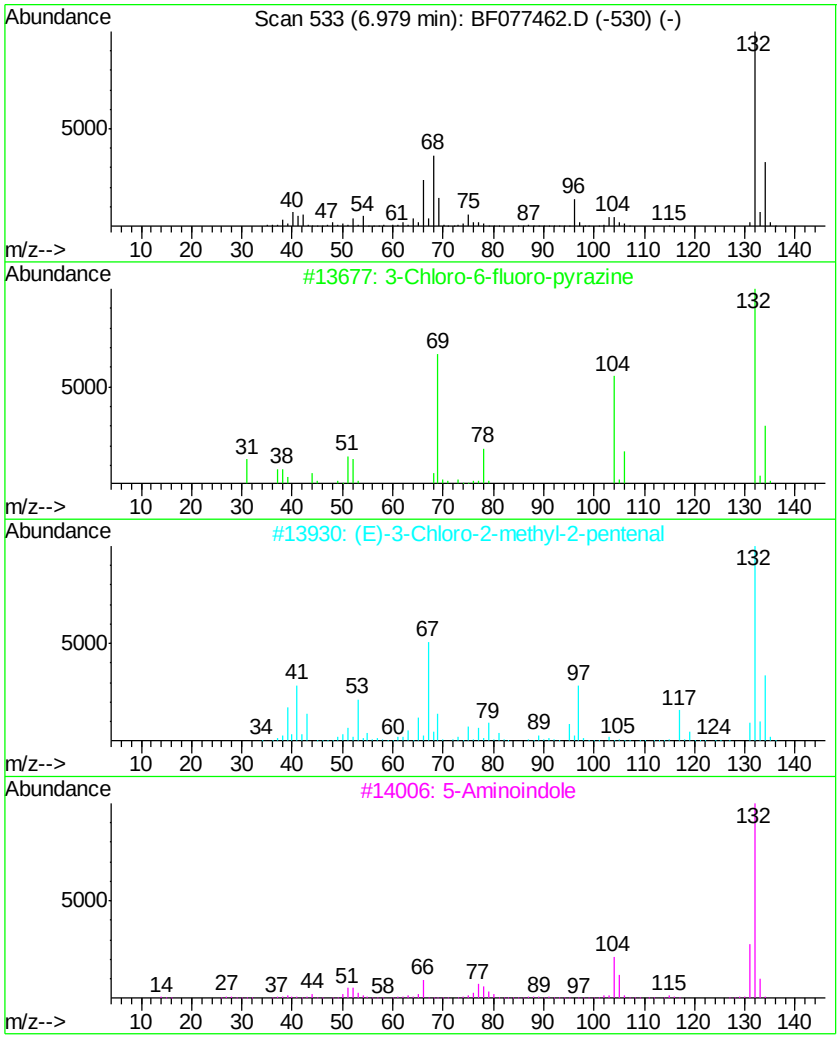
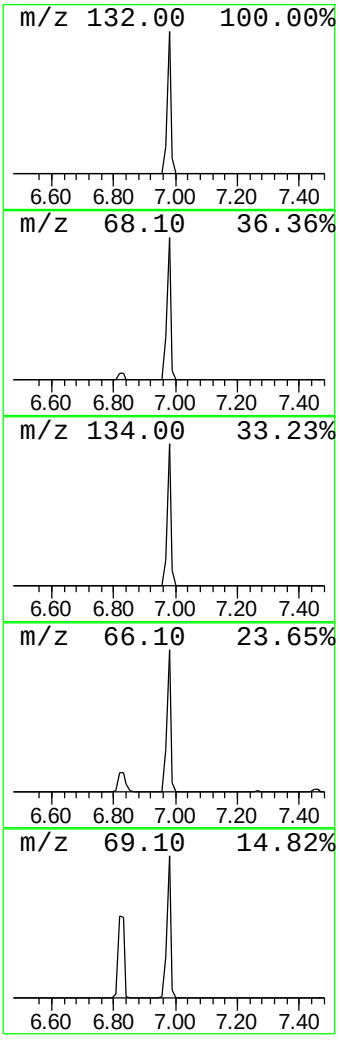
Peak Number 6 unknown6.98 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	89.35 ng	1361070	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
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Operator : TP/IZ
Sample : G1384-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 41A-NW-022515

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
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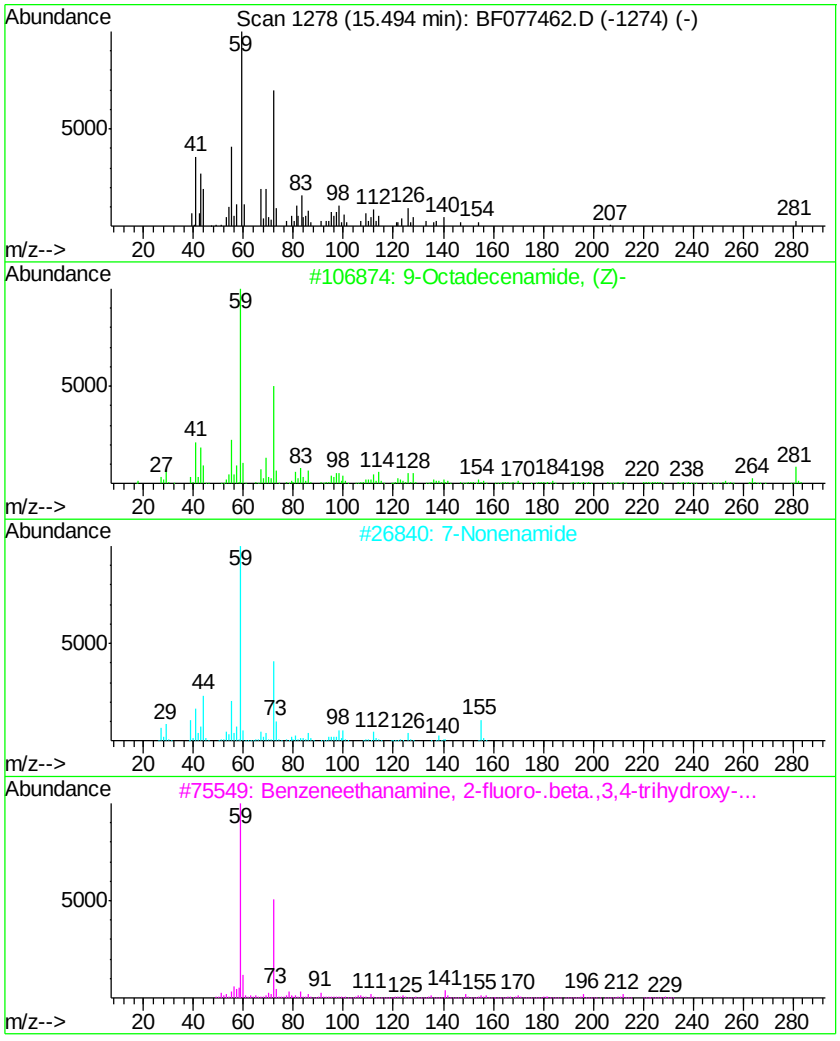
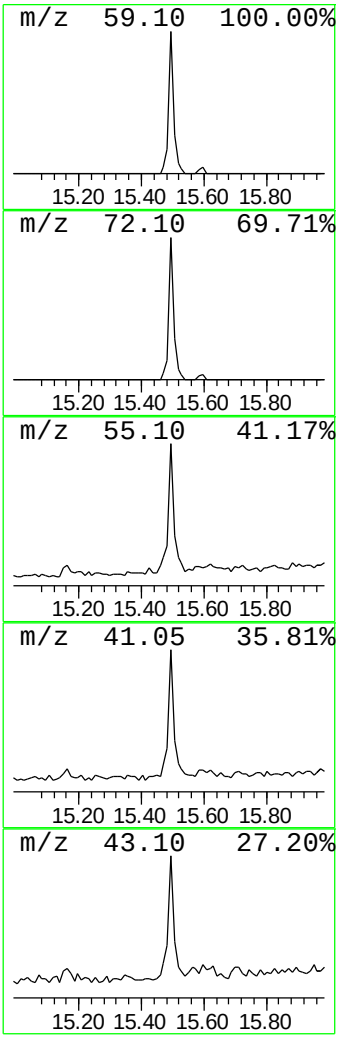
****

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	4.10 ng	131227	Chrysene-d12	16.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
2	7-Nonenamide	155	C9H17NO	090949-53-4	72
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64
4	Octanamide	143	C8H17NO	000629-01-6	59
5	Hexadecanamide	255	C16H33NO	000629-54-9	59





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Misc :
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Instrument : BNA_F
ClientSampleId : 41A-NW-022515

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

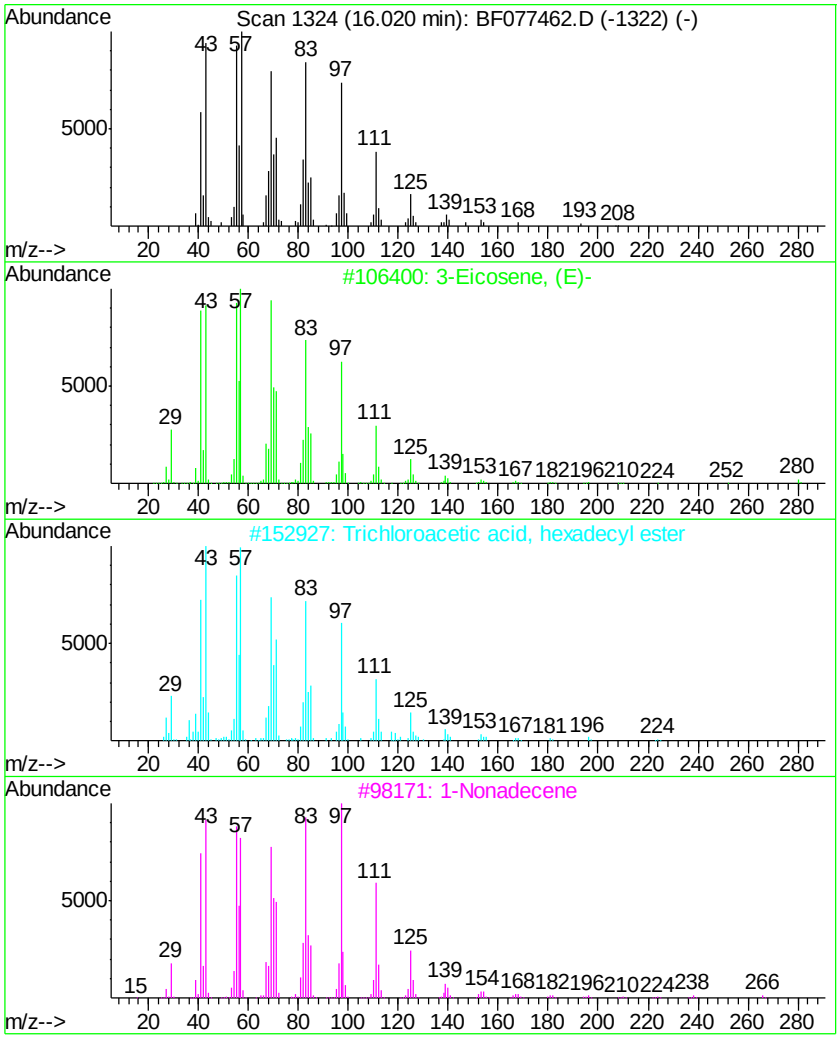
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

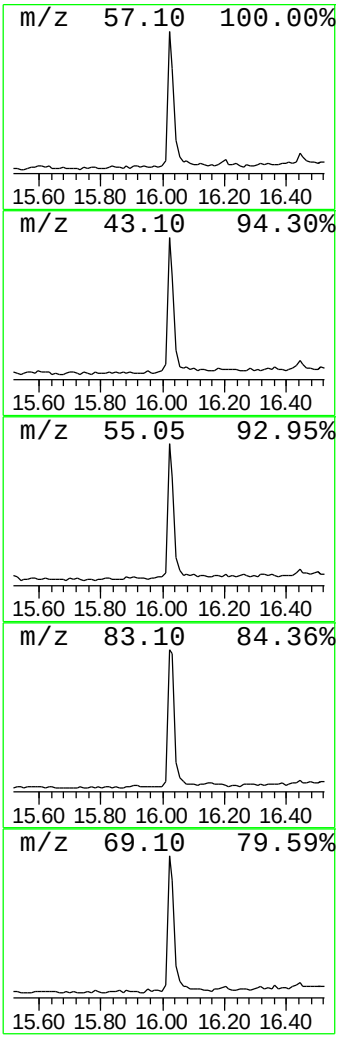
****

Peak Number 9 3-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	9.73 ng	311764	Chrysene-d12	16.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Docosene	308	C22H44	001599-67-3	90
5	1-Heptadecanol	256	C17H36O	001454-85-9	81





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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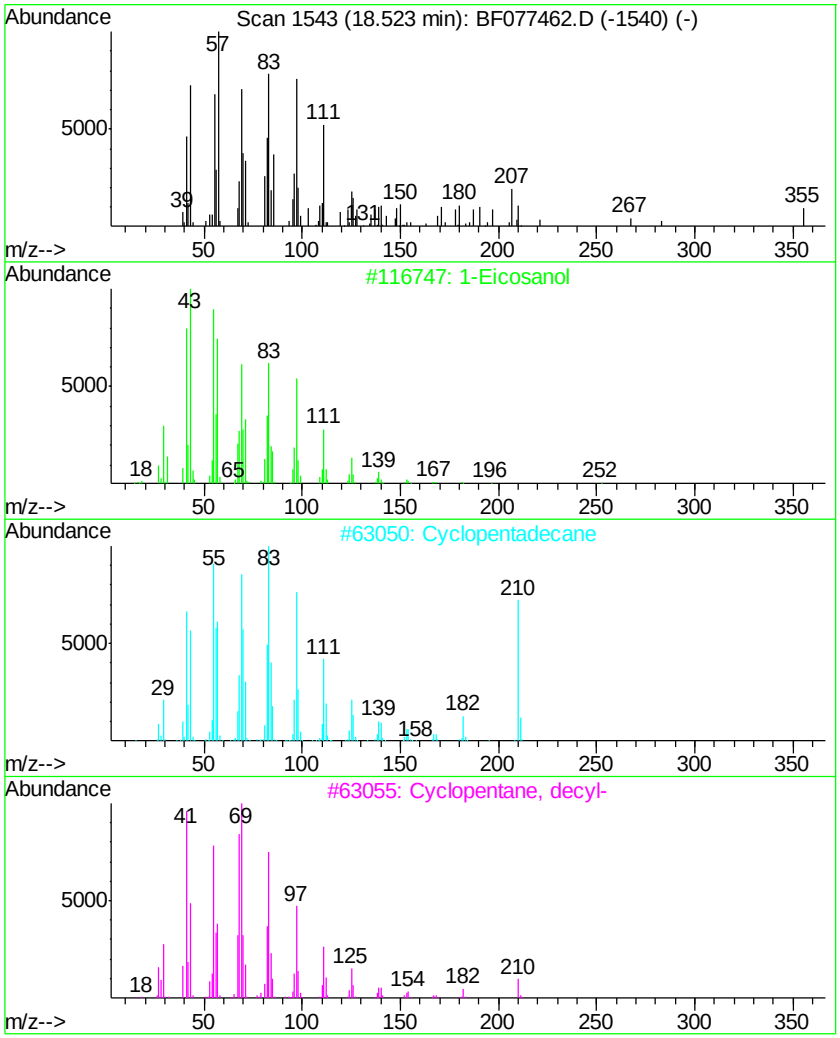
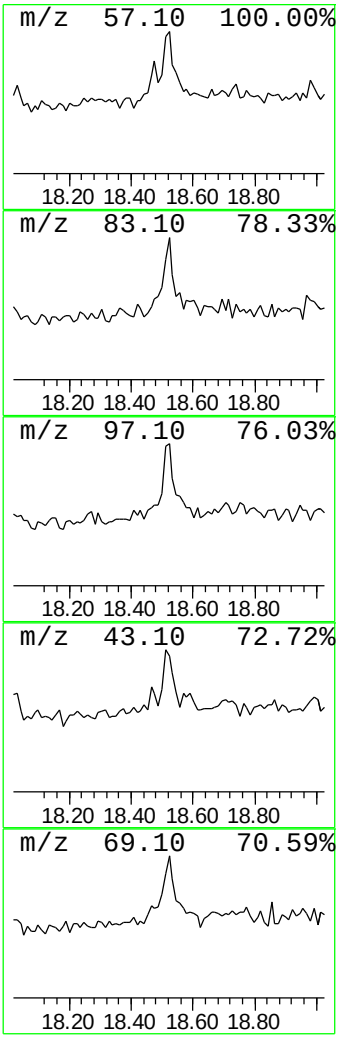
Peak Number 10 1-Eicosanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	2.71 ng	90378	Perylene-d12	17.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosanol	298	C20H42O	000629-96-9	72
2	Cyclopentadecane	210	C15H30	000295-48-7	62
3	Cyclopentane, decyl-	210	C15H30	001795-21-7	52
4	1-Nonadecene	266	C19H38	018435-45-5	52
5	1-Octadecanol	270	C18H38O	000112-92-5	46





Tentatively Identified Compound (LSC) summary

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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
unknown1.42	1.42	230.2	ng	3505950	1	7.26	304670	20.0
unknown1.73	1.73	12.8	ng	194334	1	7.26	304670	20.0
2-Pentanone, 4-hy...	5.05	16.3	ng	247843	1	7.26	304670	20.0
unknown6.98	6.98	89.3	ng	1361070	1	7.26	304670	20.0
9-Octadecenamide,...	15.49	4.1	ng	131227	5	16.15	640804	20.0
3-Eicosene, (E)-	16.02	9.7	ng	311764	5	16.15	640804	20.0
1-Eicosanol	18.52	2.7	ng	90378	6	17.89	667449	20.0