LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079500.D
Acq On : 27 May 2015 3:49
Operator : TP/IZ
Sample : G2371-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-021

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-BF052615.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	1.278	5	8	11	rVB	352365	589624	12.33%	2.177%
2	1.438	19	22	28	rVB	208650	332028	6.94%	1.226%
3	1.530	28	30	34	rVV2	35085	71846	1.50%	0.265%
4	1.587	34	35	43	rVV	476118	790999	16.54%	2.920%
5	1.701	43	45	72	rVB	2233083	4783481	100.00%	17.658%
6	4.742	309	311	318	rBV	134718	192706	4.03%	0.711%
7	5.302	358	360	371	rBV	1478523	1752244	36.63%	6.468%
8	6.616	472	475	477	rBV	1849967	1874555	39.19%	6.920%
9	6.730	483	485	488	rBV	1430247	1889332	39.50%	6.974%
10	7.016	508	510	513	rBV	495011	490750	10.26%	1.812%
11	7.199	524	526	529	rBV	1187131	1466114	30.65%	5.412%
12	7.713	569	571	574	rBV	890571	1108939	23.18%	4.094%
13	8.593	646	648	651	rBV	696379	664592	13.89%	2.453%
14	9.942	764	766	769	rBV	2421081	2297497	48.03%	8.481%
15	10.456	809	811	813	rBV	174644	161098	3.37%	0.595%
16	10.765	836	838	841	rVB	786206	754902	15.78%	2.787%
17	11.748	921	924	926	rBV	1424083	1534348	32.08%	5.664%
18	12.605	996	999	1001	rBV	668508	801693	16.76%	2.959%
19	13.337	1061	1063	1072	rBV2	81977	163996	3.43%	0.605%
20	14.102	1128	1130	1133	rVB	55545	55104	1.15%	0.203%
21	14.377	1152	1154	1157	rBV	52885	70351	1.47%	0.260%
22	14.434	1157	1159	1161	rVV	109616	112352	2.35%	0.415%
23	14.594	1171	1173	1176	rBV	2277871	2581999	53.98%	9.531%
24	15.314	1234	1236	1240	rBV	75408	93380	1.95%	0.345%
25	15.771	1273	1276	1280	rBV	266584	381058	7.97%	1.407%
26	15.886	1283	1286	1288	rBV	780770	983359	20.56%	3.630%
27	16.194	1310	1313	1315	rBV	29381	54443	1.14%	0.201%
28	16.583	1345	1347	1351	rBV	44636	81237	1.70%	0.300%
29	17.623	1435	1438	1441	rBV	613999	955263	19.97%	3.526%

Sum of corrected areas: 27089290

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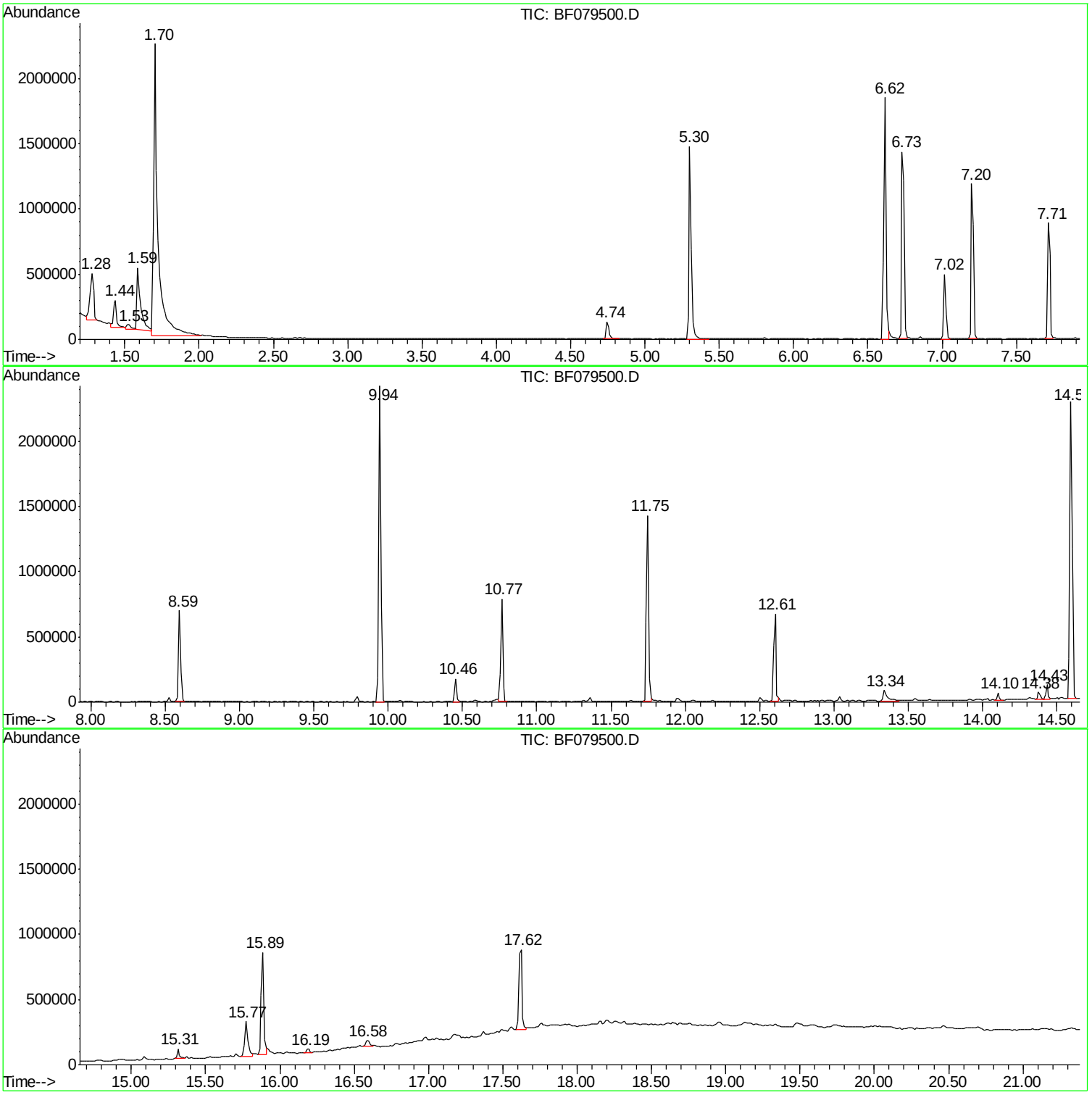
Instrument :
BNA_F
ClientSampleId :
SW-021

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

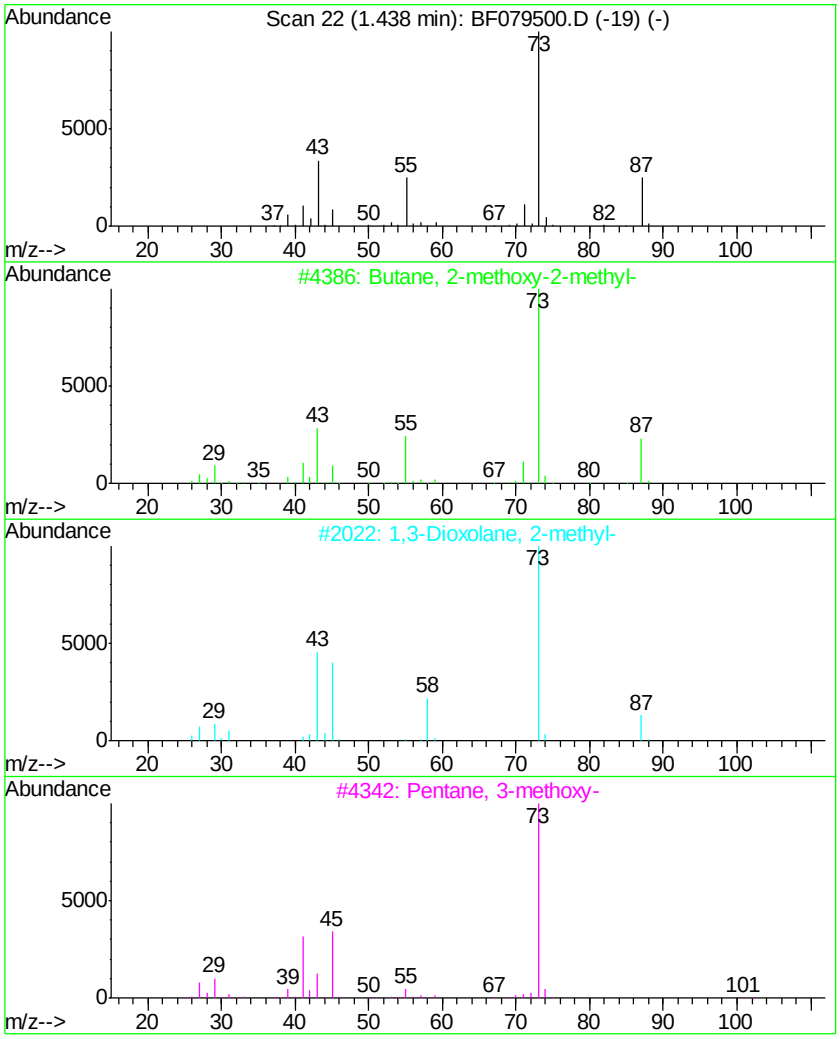
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

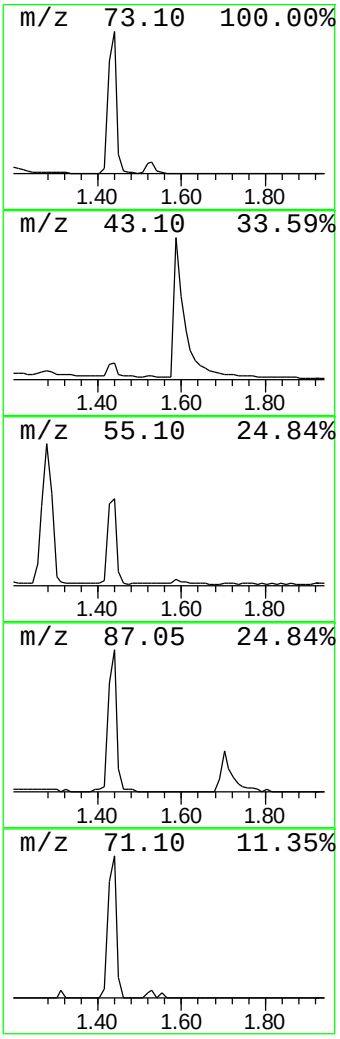
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.44	13.53 ng	332028	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Data File : BF079500.D
Acq On : 27 May 2015 3:49
Operator : TP/IZ
Sample : G2371-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-021

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

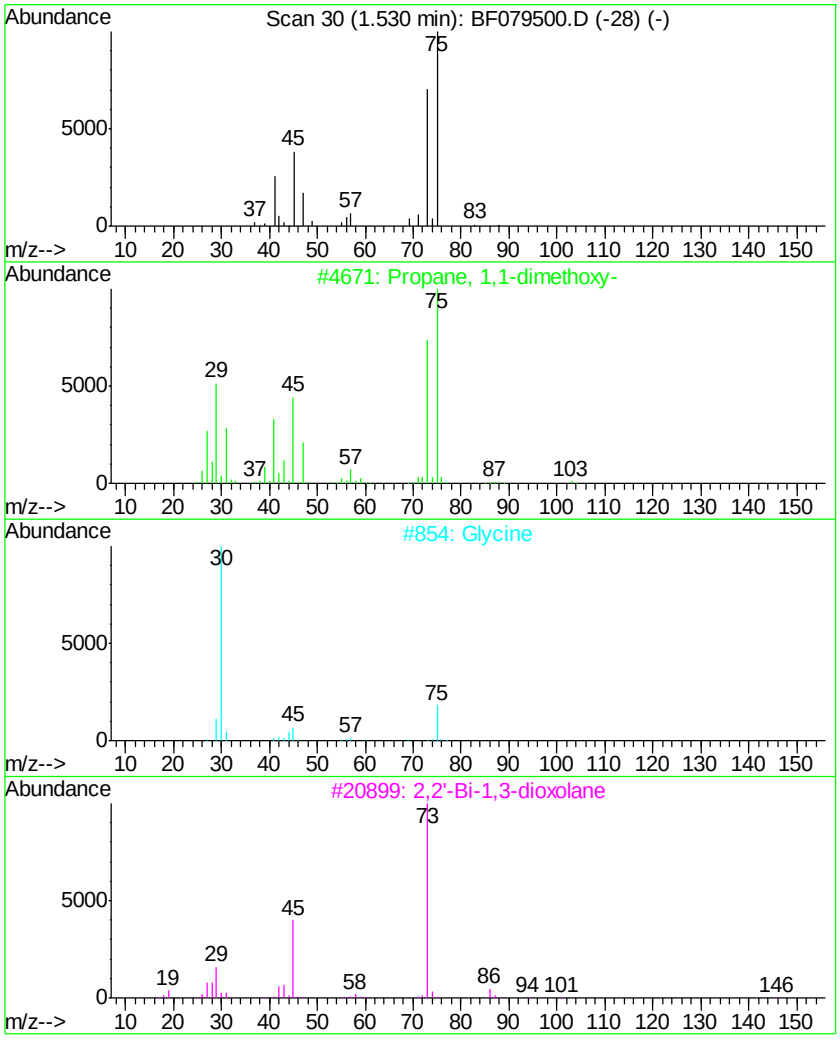
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

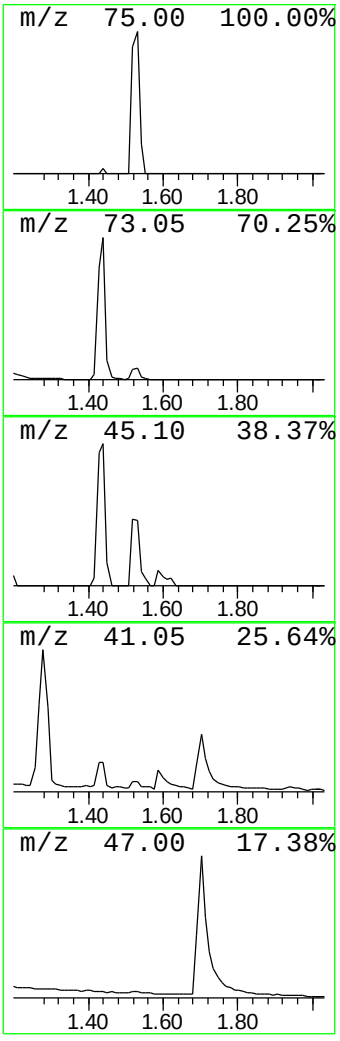
****

Peak Number 3 Propane, 1,1-dimethoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.53	2.93 ng	71846	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	Glycine	75	C2H5NO2	000056-40-6	5
3	2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	4
4	1,3-Dioxolane, 2-(2-propenyl)-	114	C6H10O2	038653-49-5	4
5	2-Bromomethyl-1,3-dioxolane	166	C4H7BrO2	004360-63-8	4





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079500.D
Acq On : 27 May 2015 3:49
Operator : TP/IZ
Sample : G2371-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-021

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

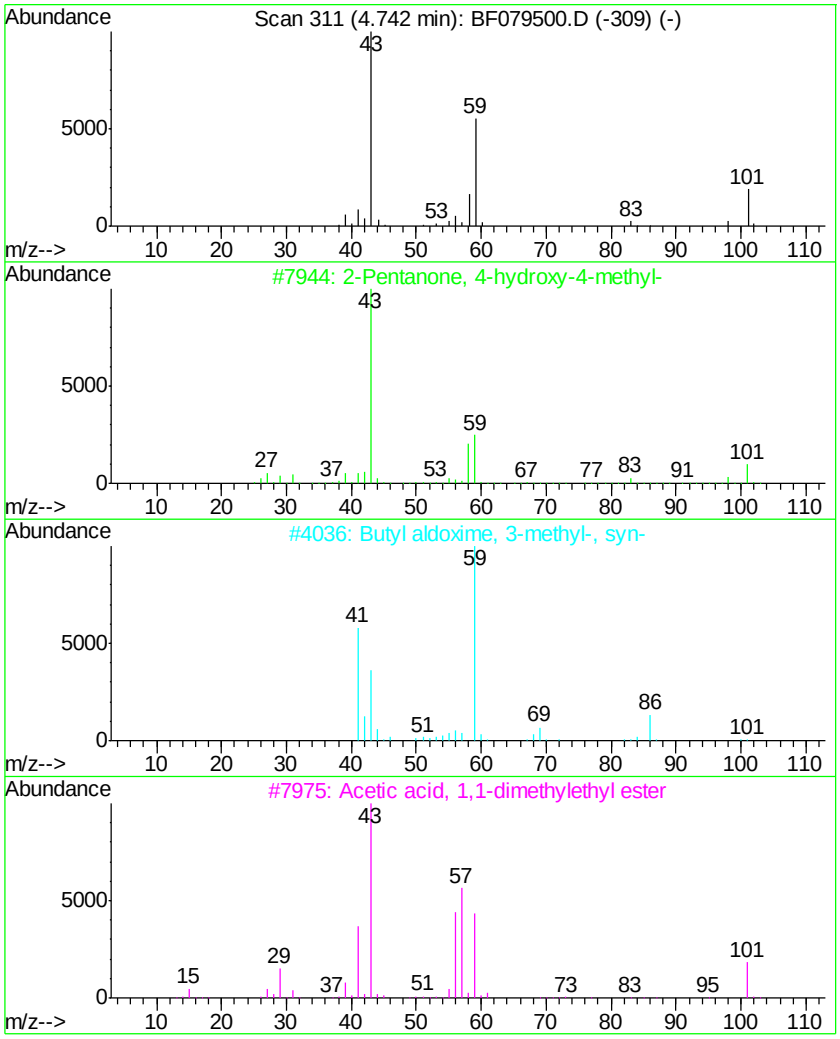
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

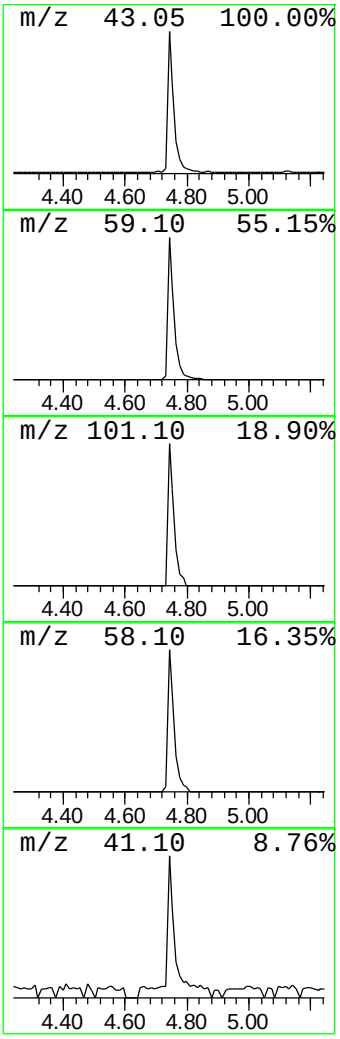
****

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	7.85 ng	192706	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	43
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Data File : BF079500.D
Acq On : 27 May 2015 3:49
Operator : TP/IZ
Sample : G2371-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-021

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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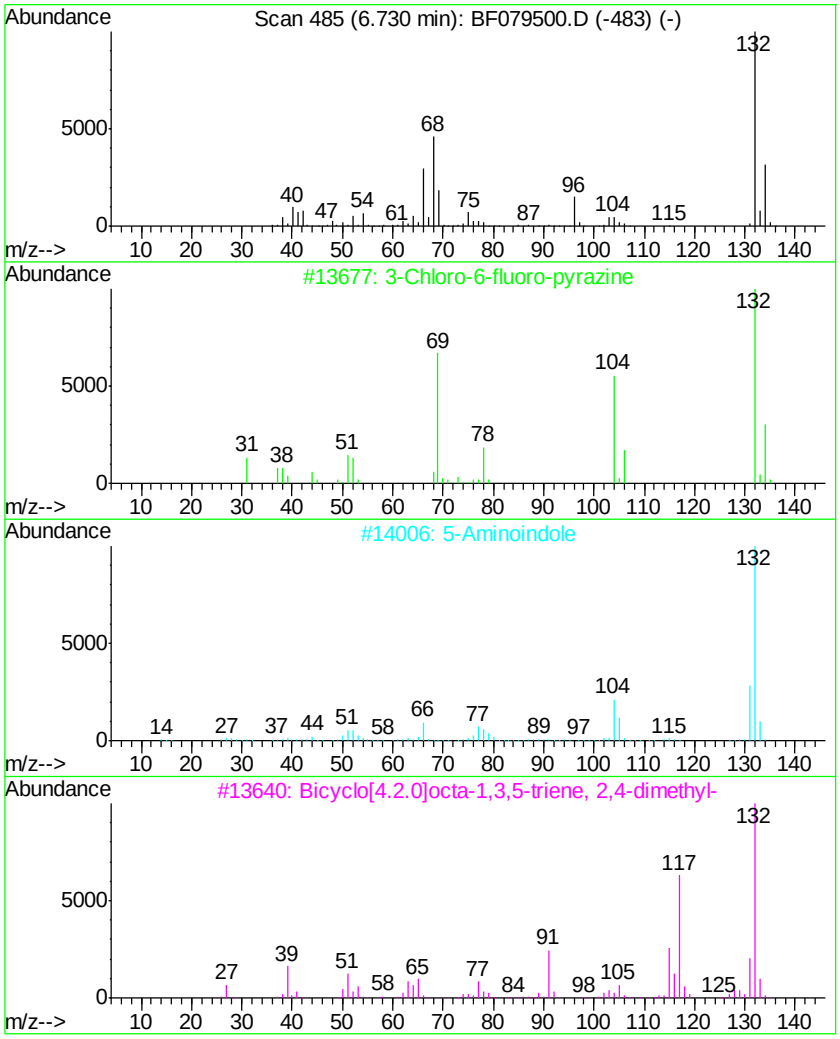
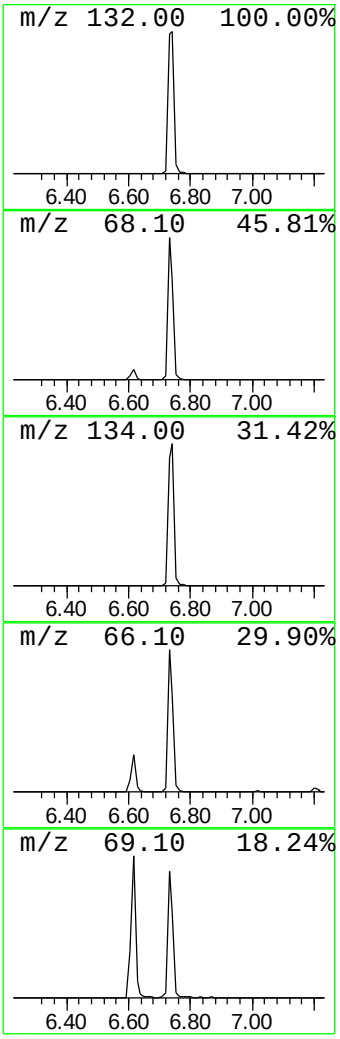
Peak Number 7 unknown6.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	77.00 ng	1889330	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079500.D
Acq On : 27 May 2015 3:49
Operator : TP/IZ
Sample : G2371-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-021

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

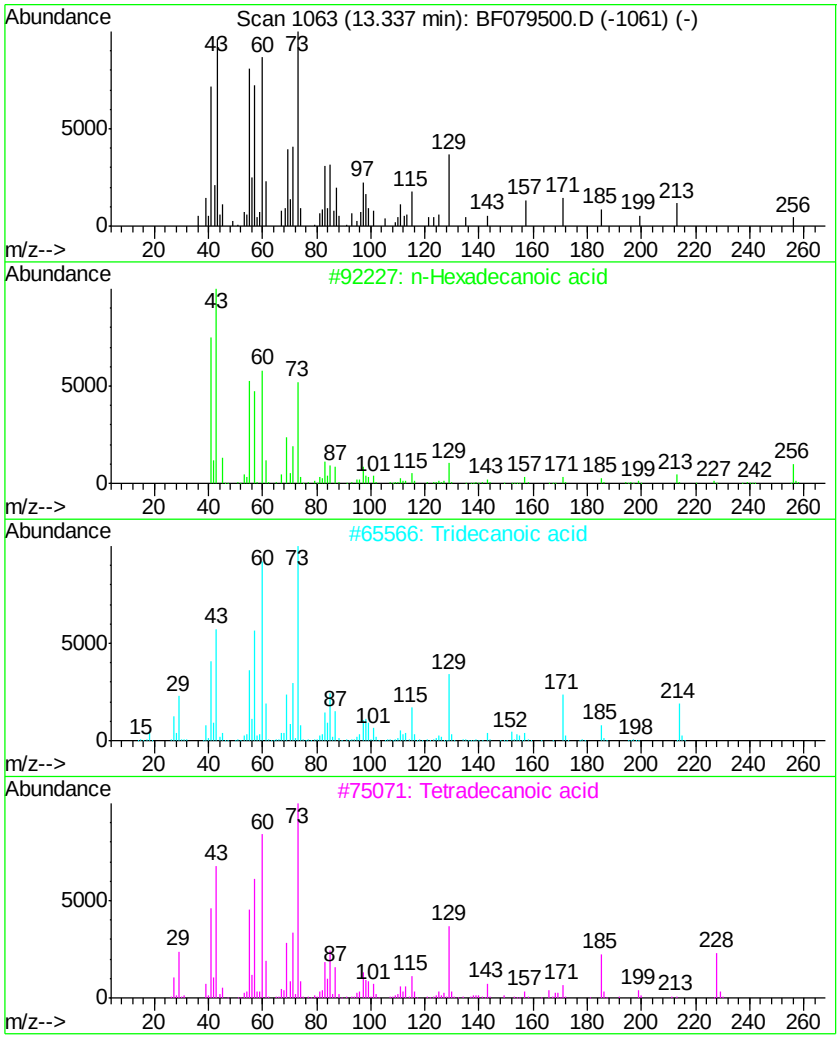
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

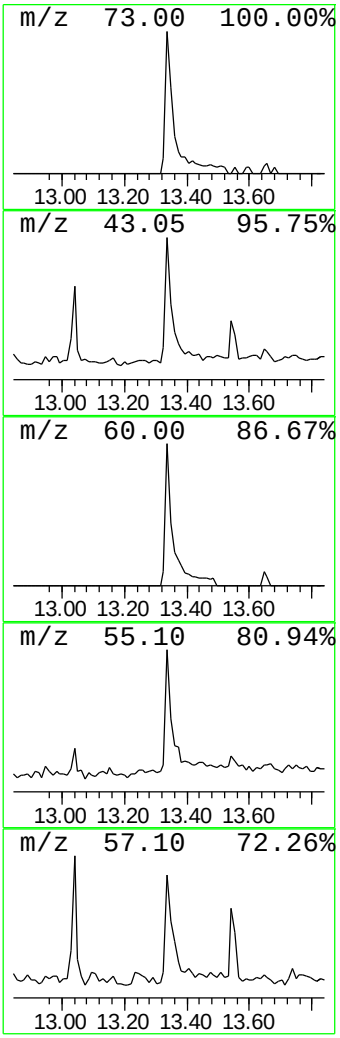
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	4.09 ng	163996	Phenanthrene-d10	12.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4	n-Decanoic acid	172	C10H20O2	000334-48-5	59
5	Dodecane, 1,2-dibromo-	326	C12H24Br2	055334-42-4	18





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Sample : G2371-01
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Instrument : BNA_F
ClientSampleId : SW-021

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

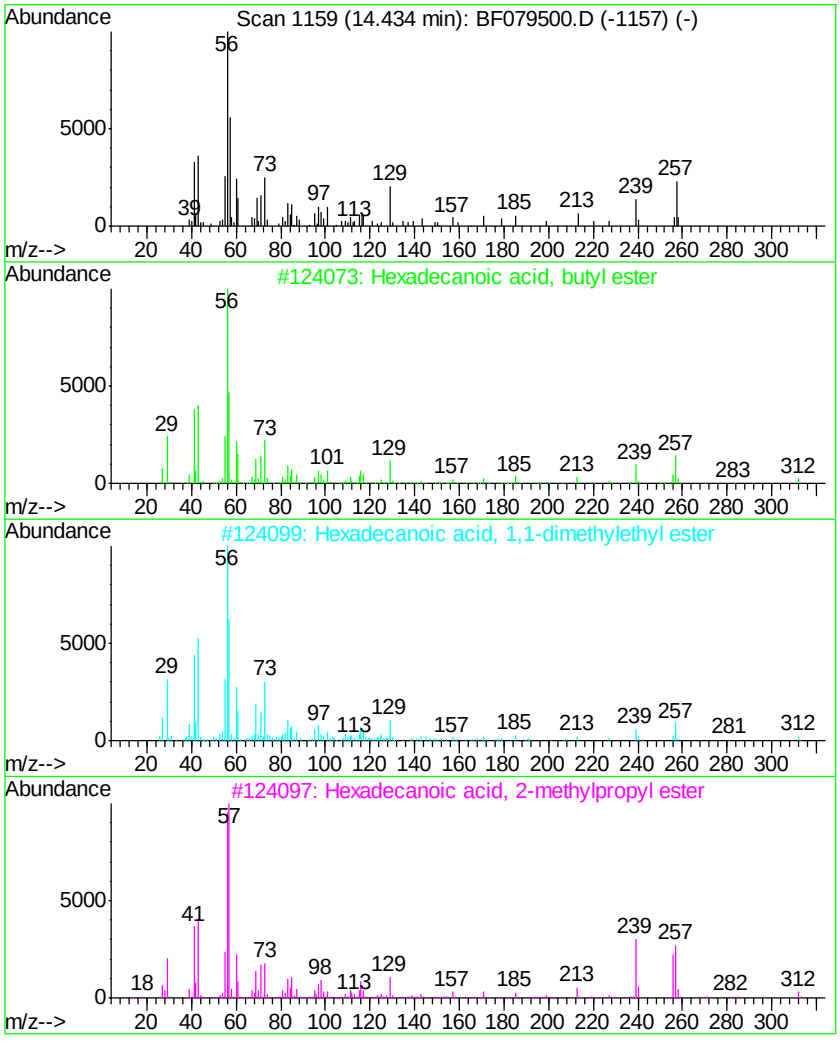
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

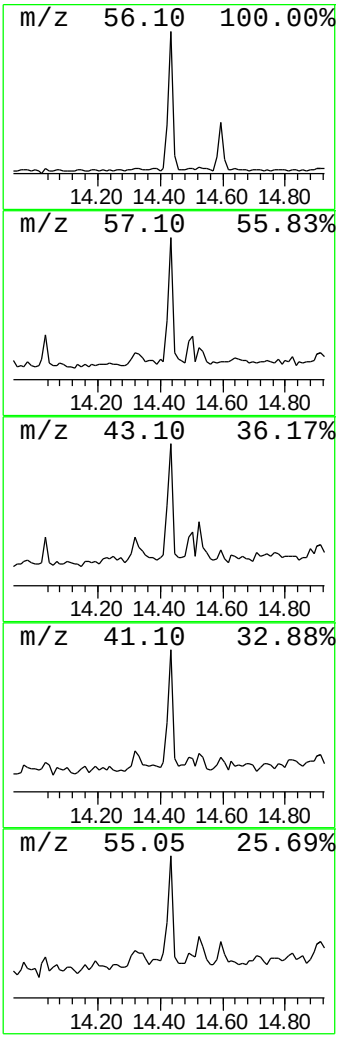
****

Peak Number 10 Hexadecanoic acid, butyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.29 ng	112352	Chrysene-d12	15.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	74
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	45
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	30





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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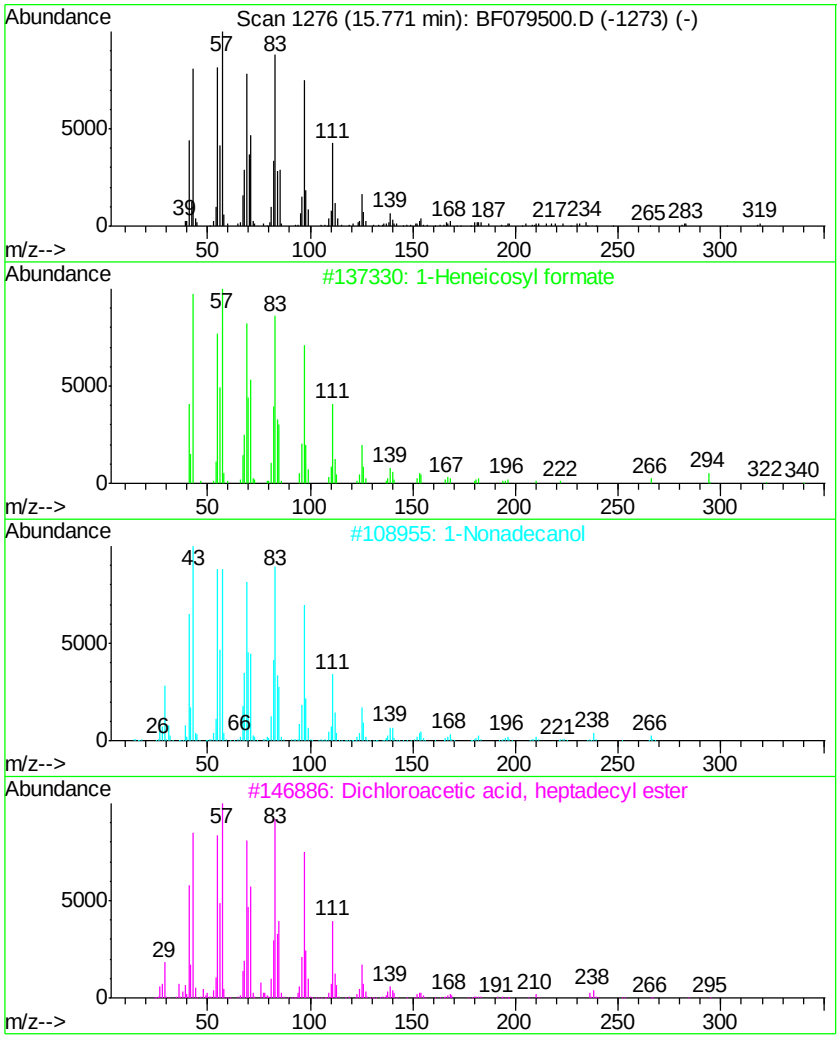
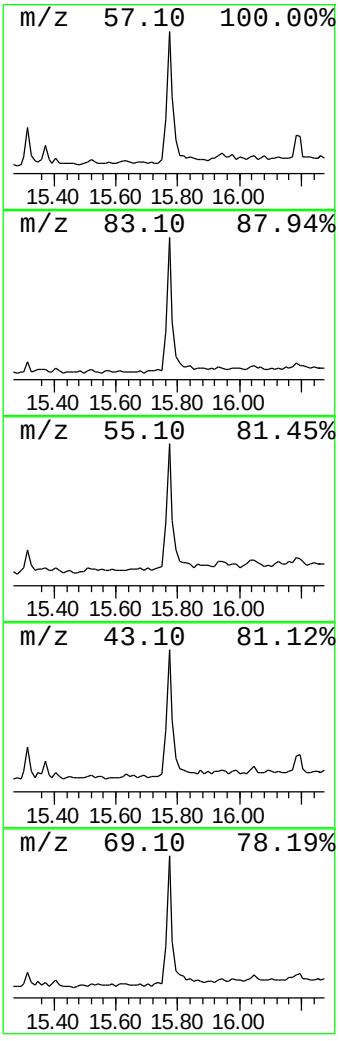
Peak Number 11 1-Heneicosyl formate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	7.75 ng	381058	Chrysene-d12	15.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	1-Nonadecanol	284	C19H40O	001454-84-8	95
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
4	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	94
5	Cyclopentadecane	210	C15H30	000295-48-7	93





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
Butane, 2-methoxy...	1.44	13.5	ng	332028	1	7.02	490750	20.0
Propane, 1,1-dime...	1.53	2.9	ng	71846	1	7.02	490750	20.0
2-Pentanone, 4-hy...	4.74	7.8	ng	192706	1	7.02	490750	20.0
unknown6.73	6.73	77.0	ng	1889330	1	7.02	490750	20.0
n-Hexadecanoic acid	13.34	4.1	ng	163996	4	12.61	801693	20.0
Hexadecanoic acid...	14.43	2.3	ng	112352	5	15.89	983359	20.0
1-Heneicosyl formate	15.77	7.8	ng	381058	5	15.89	983359	20.0