LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
Data File : BF077389.D
Acq On : 20 Feb 2015 18:43
Operator : TP/IZ
Sample : PB81819BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81819BL

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-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	0.990	8	9	19	rVB	91547	154084	2.01%	0.547%
2	1.516	52	55	57	rBV	6636800	7669430	100.00%	27.237%
3	1.893	86	88	90	rBV	77585	98618	1.29%	0.350%
4	5.127	369	371	377	rBV	366779	430133	5.61%	1.528%
5	5.619	412	414	417	rBV	1575939	1796299	23.42%	6.379%
6	6.876	522	524	527	rBV	1840330	1726075	22.51%	6.130%
7	7.036	536	538	541	rBV	1877475	1912544	24.94%	6.792%
8	7.333	561	564	566	rBV	508368	476711	6.22%	1.693%
9	7.516	578	580	583	rBV	1698061	1534163	20.00%	5.448%
10	8.019	621	624	627	rBV	1303236	1149870	14.99%	4.084%
11	8.911	699	702	704	rBV	658375	664668	8.67%	2.360%
12	10.259	817	820	822	rBV	2218045	2632722	34.33%	9.350%
13	11.082	890	892	895	rBV	842948	823624	10.74%	2.925%
14	12.065	975	978	980	rBV	1558579	1582262	20.63%	5.619%
15	12.934	1051	1054	1056	rBV	713556	878147	11.45%	3.119%
16	14.317	1173	1175	1179	rBV4	104084	273318	3.56%	0.971%
17	14.397	1180	1182	1184	rVV	89380	134284	1.75%	0.477%
18	14.785	1214	1216	1218	rBV	120453	96357	1.26%	0.342%
19	14.934	1226	1229	1230	rBV	1986601	2881578	37.57%	10.234%
20	16.226	1340	1342	1344	rVB	783519	917693	11.97%	3.259%
21	16.271	1344	1346	1347	rBV	225814	325358	4.24%	1.155%

Sum of corrected areas: 28157938

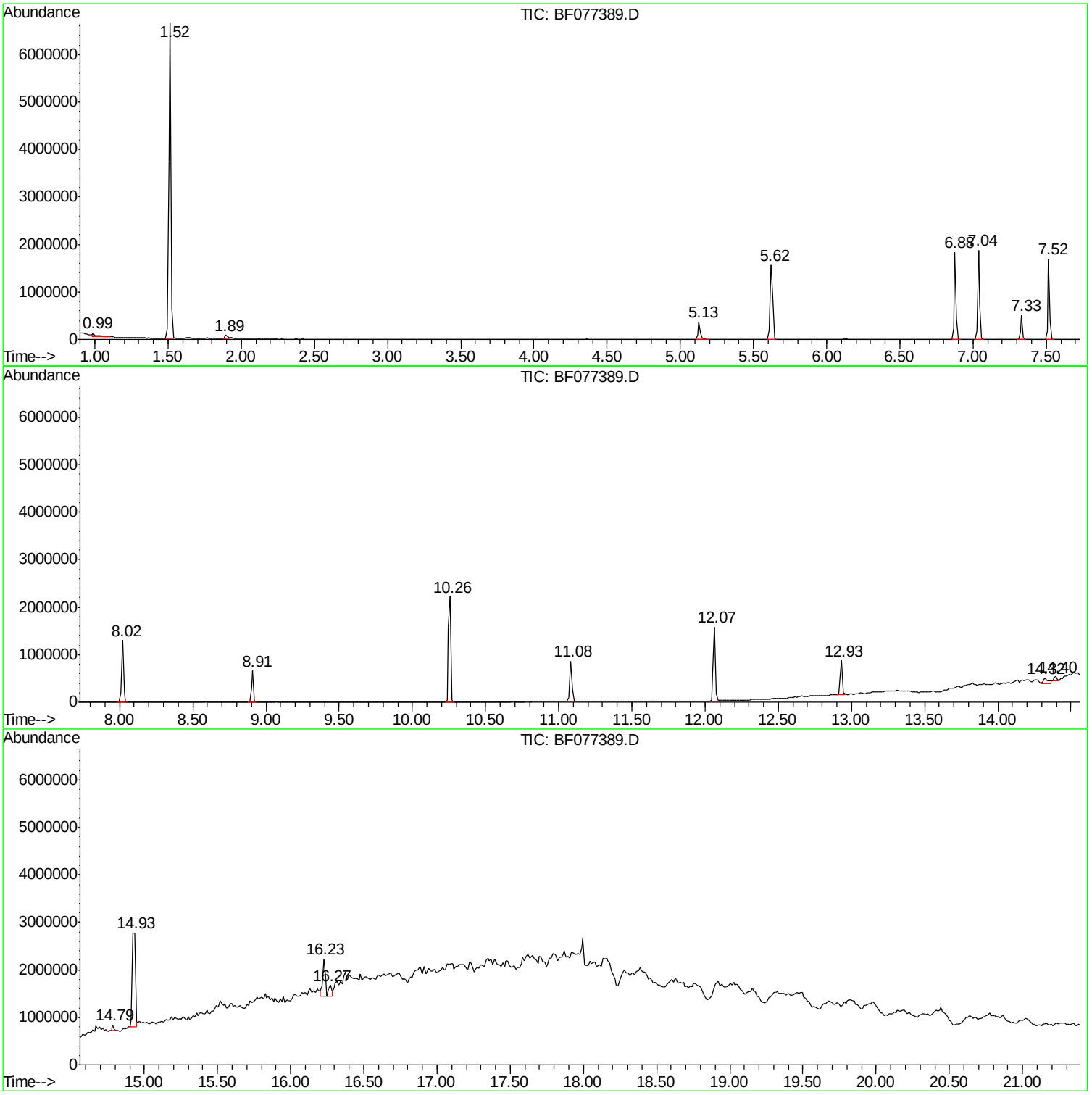
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
Data File : BF077389.D
Acq On : 20 Feb 2015 18:43
Operator : TP/IZ
Sample : PB81819BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81819BL

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
Data File : BF077389.D
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Sample : PB81819BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81819BL

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

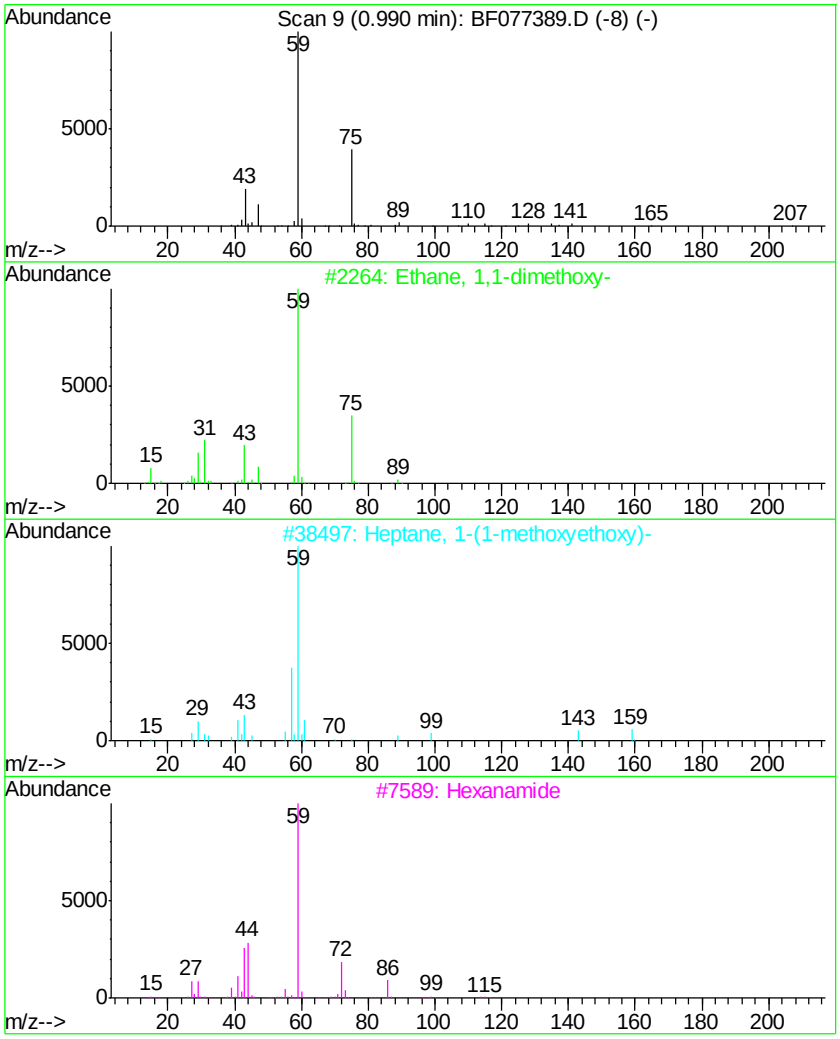
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

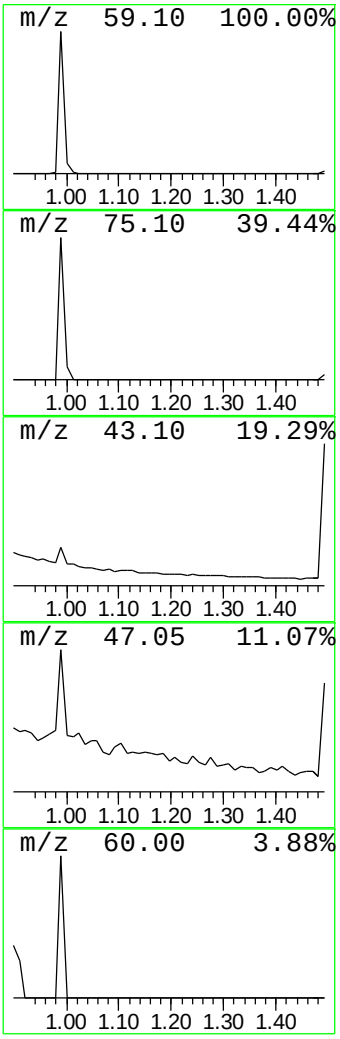
****

Peak Number 1 Ethane, 1,1-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
0.99	6.46 ng	154084	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	78
2	Heptane, 1-(1-methoxyethoxy)-	174	C10H22O2	054532-15-9	25
3	Hexanamide	115	C6H13NO	000628-02-4	9
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	9
5	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	9





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Acq On : 20 Feb 2015 18:43
Operator : TP/IZ
Sample : PB81819BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81819BL

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

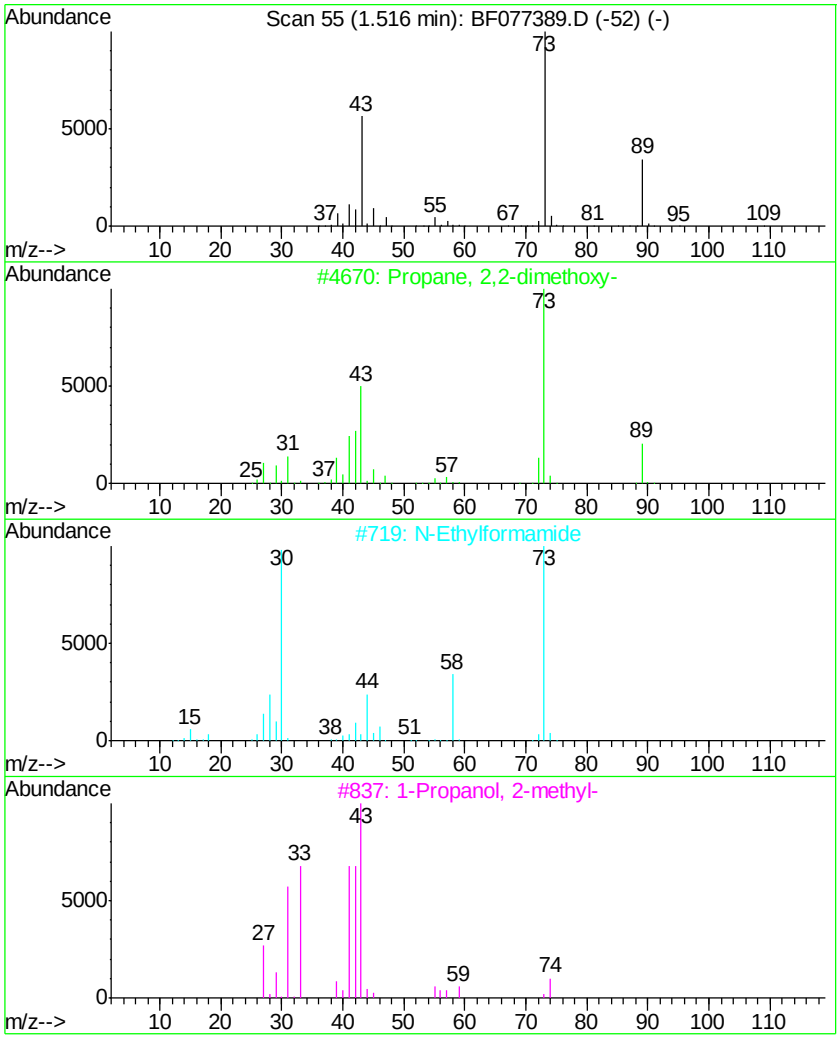
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

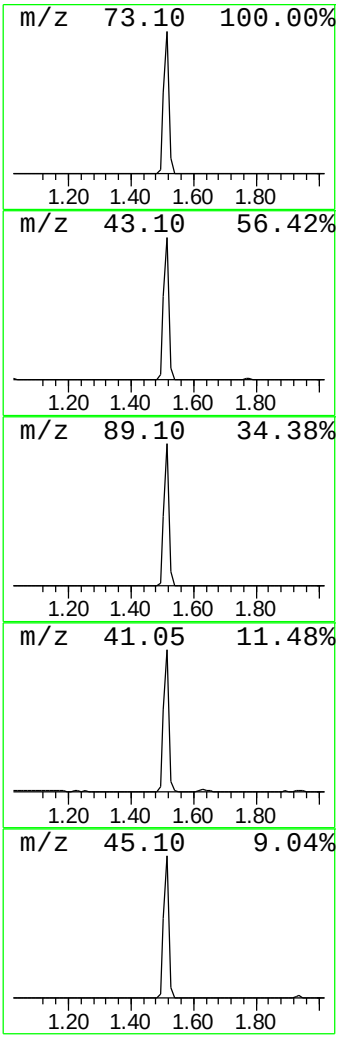
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.52	321.76 ng	7669430	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Data File : BF077389.D
Acq On : 20 Feb 2015 18:43
Operator : TP/IZ
Sample : PB81819BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81819BL

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

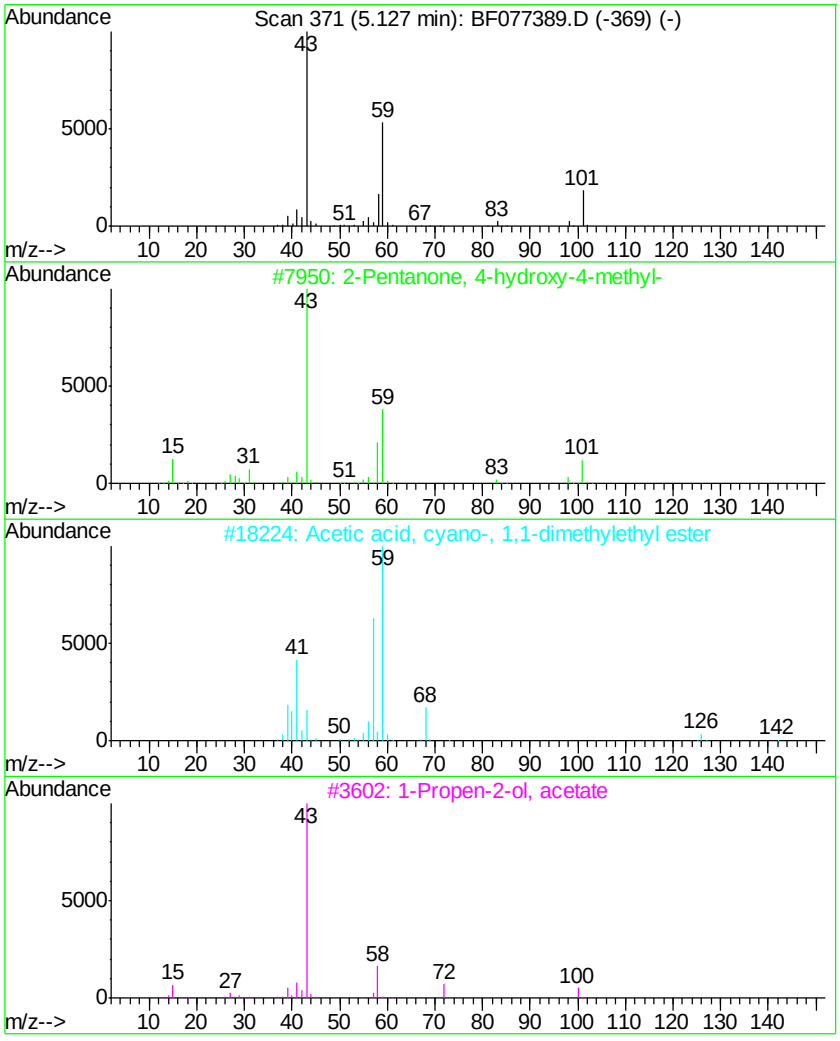
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

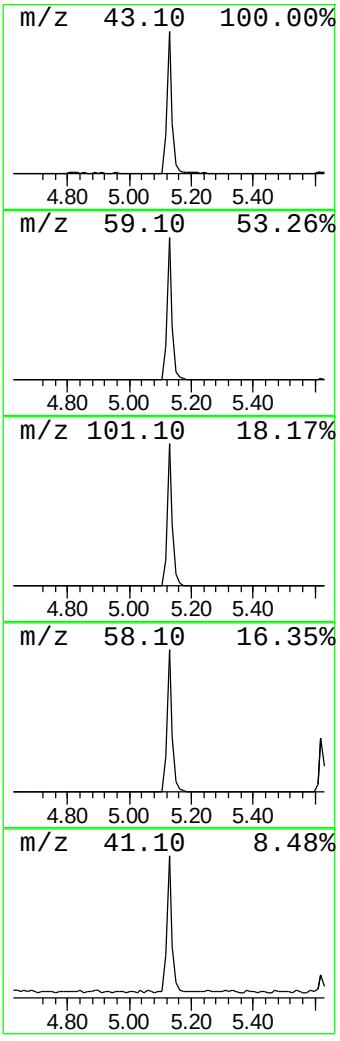
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	18.05 ng	430133	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	Butane	58	C4H10	000106-97-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
Data File : BF077389.D
Acq On : 20 Feb 2015 18:43
Operator : TP/IZ
Sample : PB81819BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81819BL

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

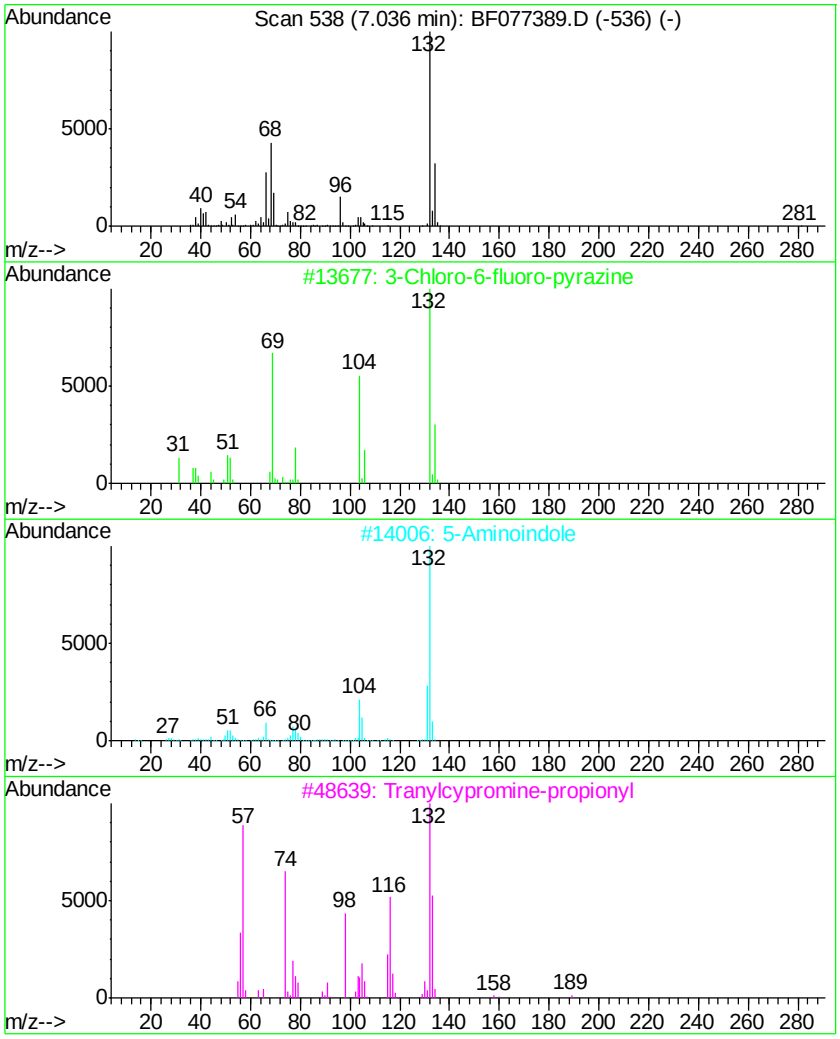
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

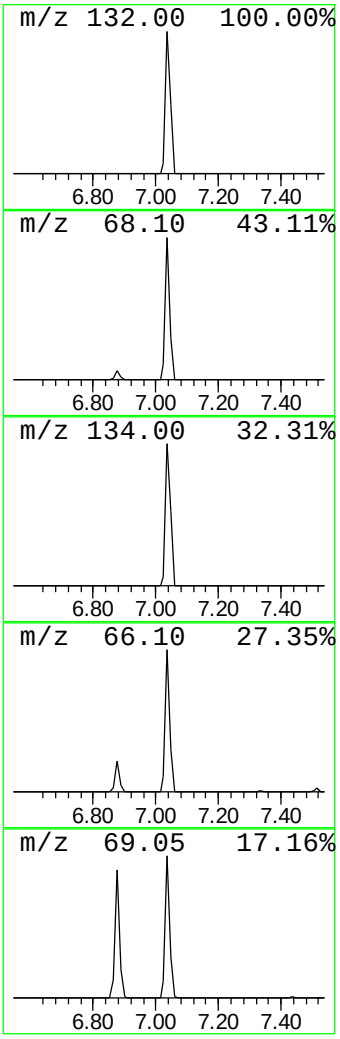
****

Peak Number 5 unknown7.04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	80.24 ng	1912540	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
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Sample : PB81819BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81819BL

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

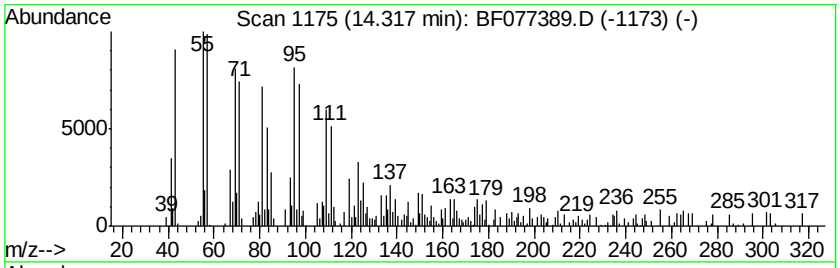
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

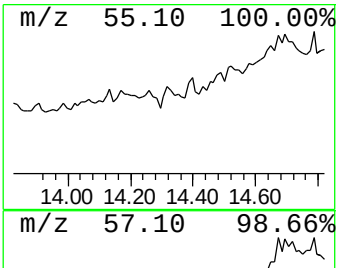
****

Peak Number 7 1-Isopropyloxy-2-trifluoroa... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	6.22 ng	273318	Phenanthrene-d10	12.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropyloxy-2-trifluoroacetox...	248	C11H11F3O3	1000278-65-1	68
2	2-Furancarboxylic acid, 5-(hydro...	156	C7H8O4	036802-01-4	30
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	25
4	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	25
5	Cyclohexanebutanoic acid, 2,2-di...	224	C14H24O2	095452-15-6	25





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
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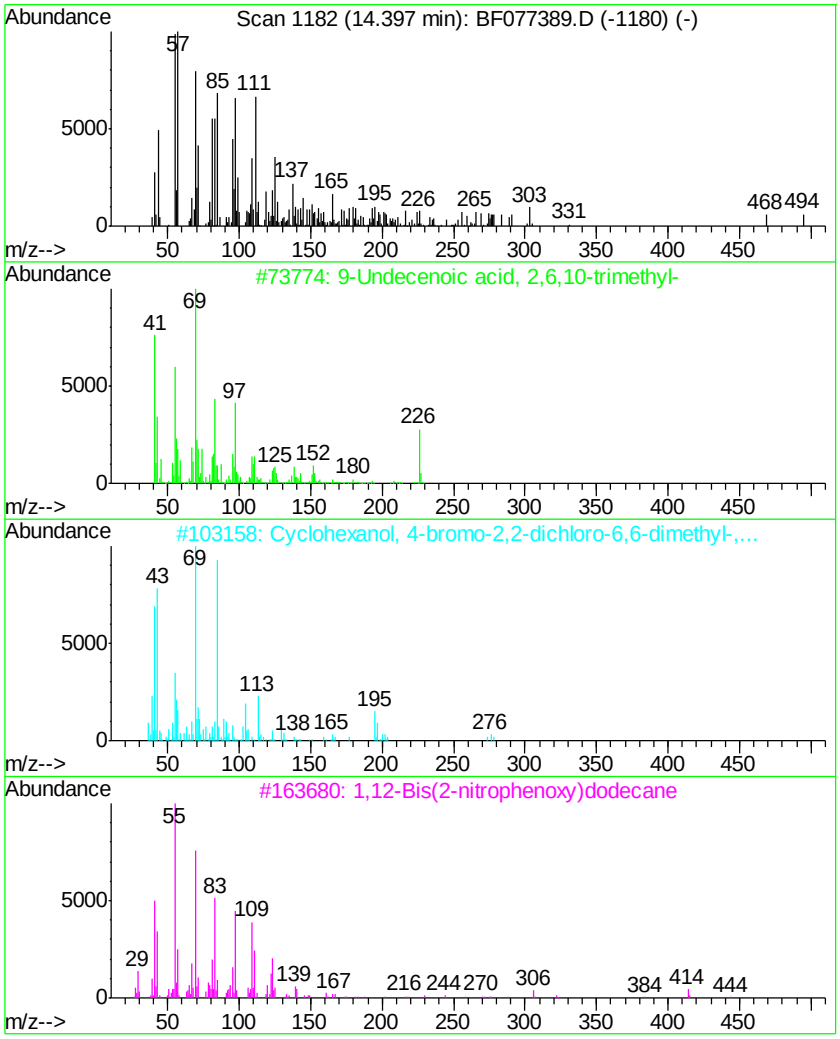
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

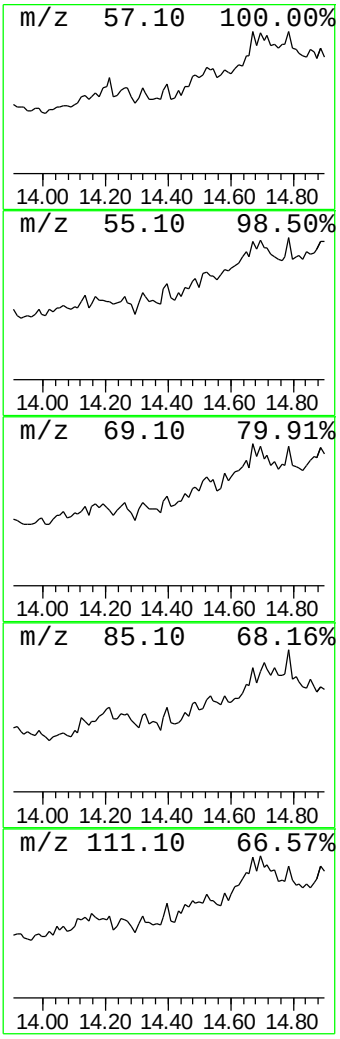
****

Peak Number 8 unknown14.40 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	3.06 ng	134284	Phenanthrene-d10	12.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Undecenoic acid, 2,6,10-trimet...	226	C14H26O2	1000131-86-2	45
2	Cyclohexanol, 4-bromo-2,2-dichlo...	274	C8H13BrCl2O	1000115-65-4	38
3	1,12-Bis(2-nitrophenoxy)dodecane	444	C24H32N2O6	155056-69-2	38
4	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	35
5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	30





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

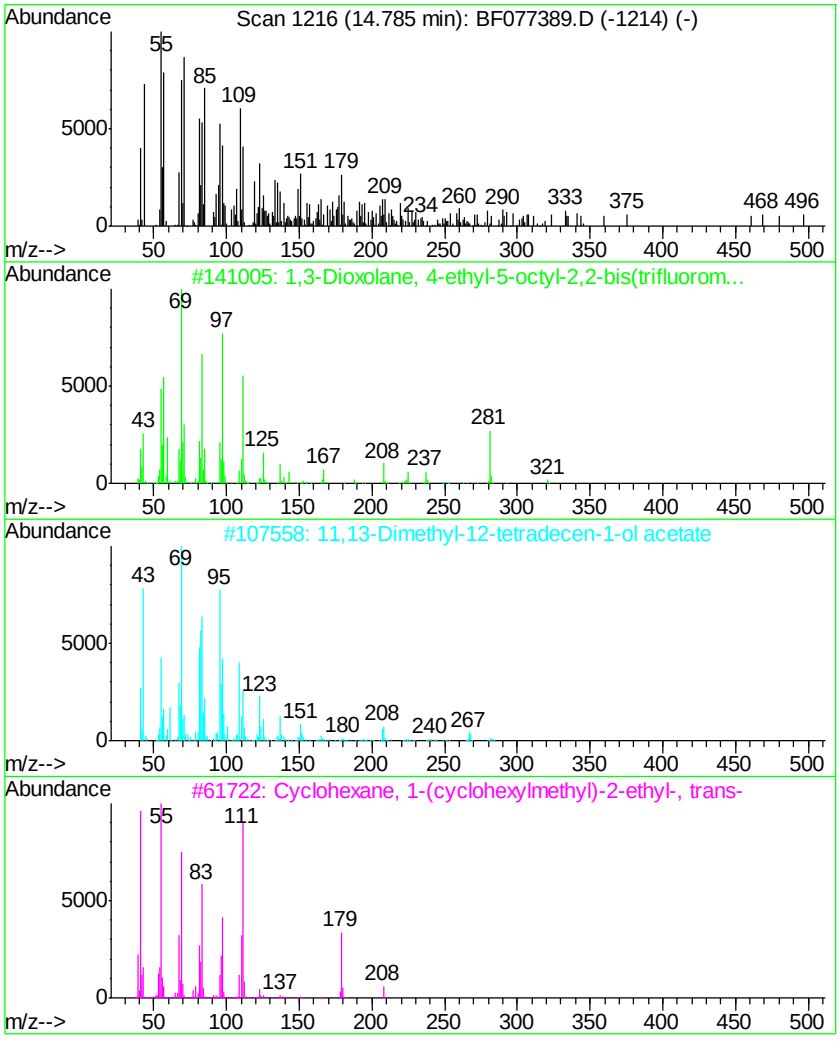
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

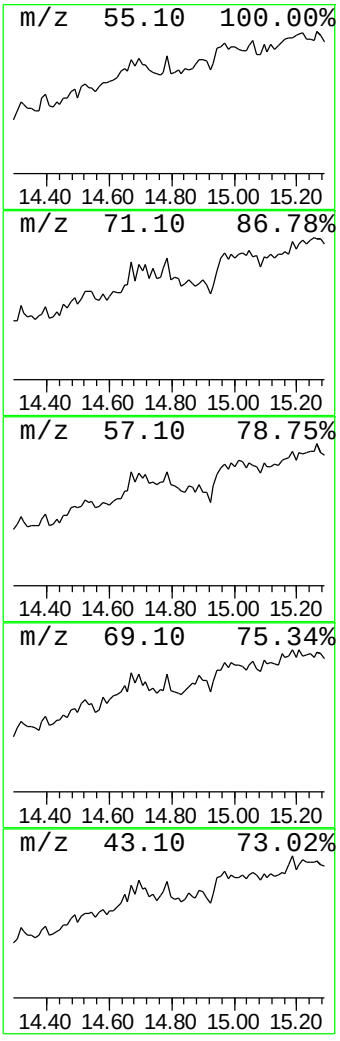
****

Peak Number 9 unknown14.79 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.10 ng	96357	Chrysene-d12	16.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 4-ethyl-5-octyl-2...	350	C15H24F6O2	038274-72-5	43
2	11,13-Dimethyl-12-tetradecen-1-o...	282	C18H34O2	1000130-81-0	43
3	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	38
4	6,10-Dodecadienoic acid, 3,7,11-...	252	C16H28O2	034114-96-0	30
5	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	30





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1-dimet...	0.99	6.5	ng	154084	1	7.33	476711	20.0
Propane, 2,2-dime...	1.52	321.8	ng	7669430	1	7.33	476711	20.0
2-Pentanone, 4-hy...	5.13	18.1	ng	430133	1	7.33	476711	20.0
unknown7.04	7.04	80.2	ng	1912540	1	7.33	476711	20.0
1-Isopropyloxy-2-...	14.32	6.2	ng	273318	4	12.93	878147	20.0
unknown14.40	14.40	3.1	ng	134284	4	12.93	878147	20.0
unknown14.79	14.79	2.1	ng	96357	5	16.23	917693	20.0