LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077821.D
Acq On : 19 Mar 2015 5:13
Operator : TP/IZ
Sample : G1544-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9(12-14)

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-BF031115.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	1.321	35	38	40	rBV	5124831	5762662	100.00%	31.249%
2	1.435	44	48	53	rVB	71959	127987	2.22%	0.694%
3	1.607	61	63	66	rBV	75097	85310	1.48%	0.463%
4	4.933	352	354	360	rBV	139692	189815	3.29%	1.029%
5	5.459	397	400	403	rBV	1089308	1134796	19.69%	6.154%
6	6.739	510	512	515	rBV	819703	1151161	19.98%	6.242%
7	6.876	522	524	527	rBV	1307611	1218602	21.15%	6.608%
8	7.162	547	549	551	rBV	260090	230892	4.01%	1.252%
9	7.345	563	565	568	rBV	964042	921869	16.00%	4.999%
10	7.859	607	610	612	rBV	793453	745623	12.94%	4.043%
11	8.739	685	687	689	rBV	347395	315930	5.48%	1.713%
12	10.088	802	805	807	rBV	1506245	1511076	26.22%	8.194%
13	10.591	847	849	852	rBV	81012	85149	1.48%	0.462%
14	10.911	875	877	879	rVB	338579	366606	6.36%	1.988%
15	11.894	960	963	965	rBV	717146	936754	16.26%	5.080%
16	12.088	978	980	984	rBV	47633	82072	1.42%	0.445%
17	12.751	1035	1038	1040	rBV	350172	393651	6.83%	2.135%
18	14.751	1210	1213	1215	rBV	1316609	1886652	32.74%	10.231%
19	15.928	1313	1316	1320	rBV	79807	123782	2.15%	0.671%
20	16.031	1323	1325	1328	rBV	460982	496475	8.62%	2.692%
21	16.088	1328	1330	1333	rVB	172302	171621	2.98%	0.931%
22	17.780	1475	1478	1481	rBV	403109	502514	8.72%	2.725%

Sum of corrected areas: 18440999

LSC Report - Integrated Chromatogram

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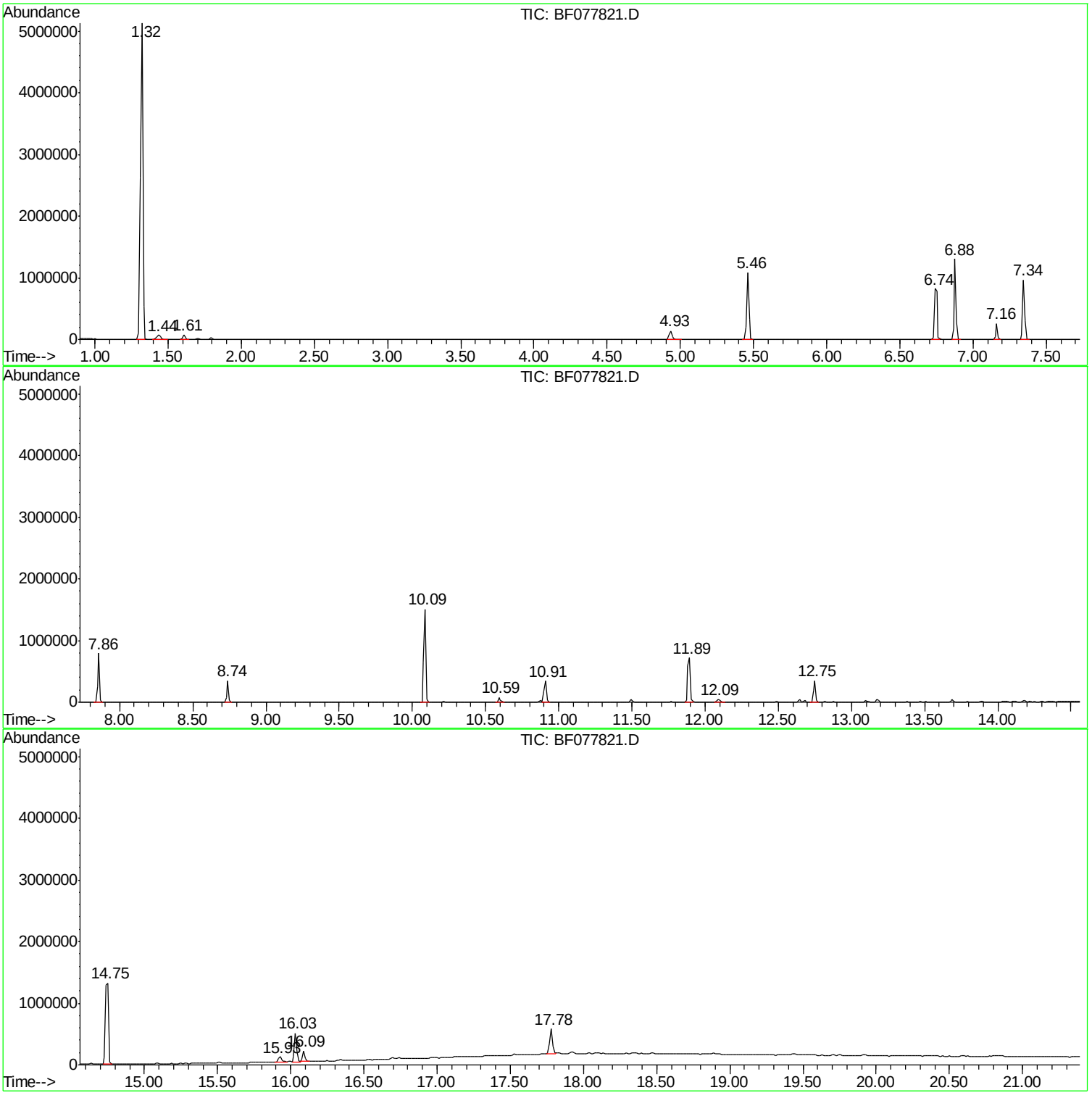
Operator : TP/IZ
Sample : G1544-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9(12-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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\BF031815\
Data File : BF077821.D
Acq On : 19 Mar 2015 5:13
Operator : TP/IZ
Sample : G1544-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9(12-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

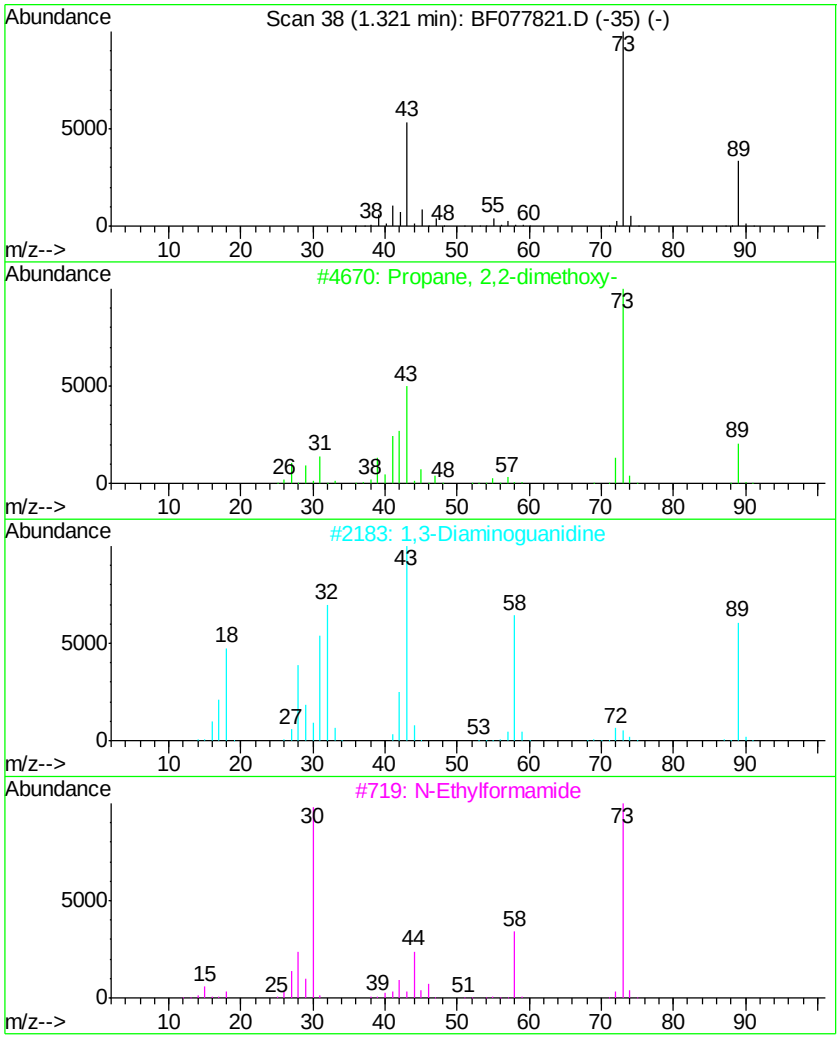
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

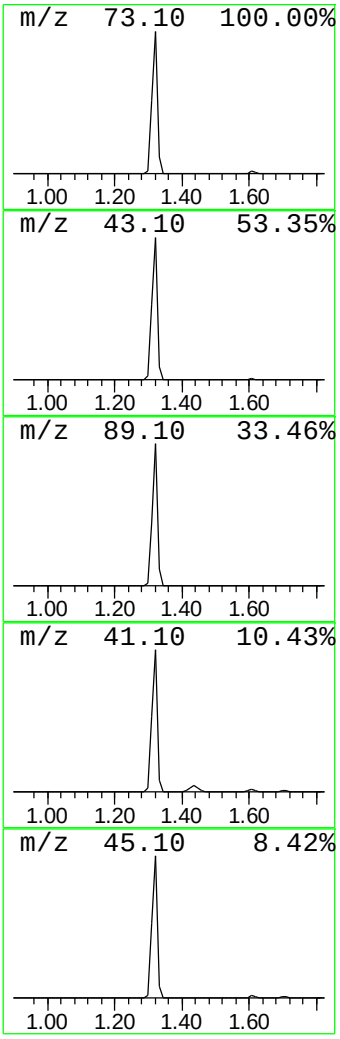
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.32	499.17 ng	5762660	1,4-Dichlorobenzene-d4	7.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077821.D
Acq On : 19 Mar 2015 5:13
Operator : TP/IZ
Sample : G1544-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9(12-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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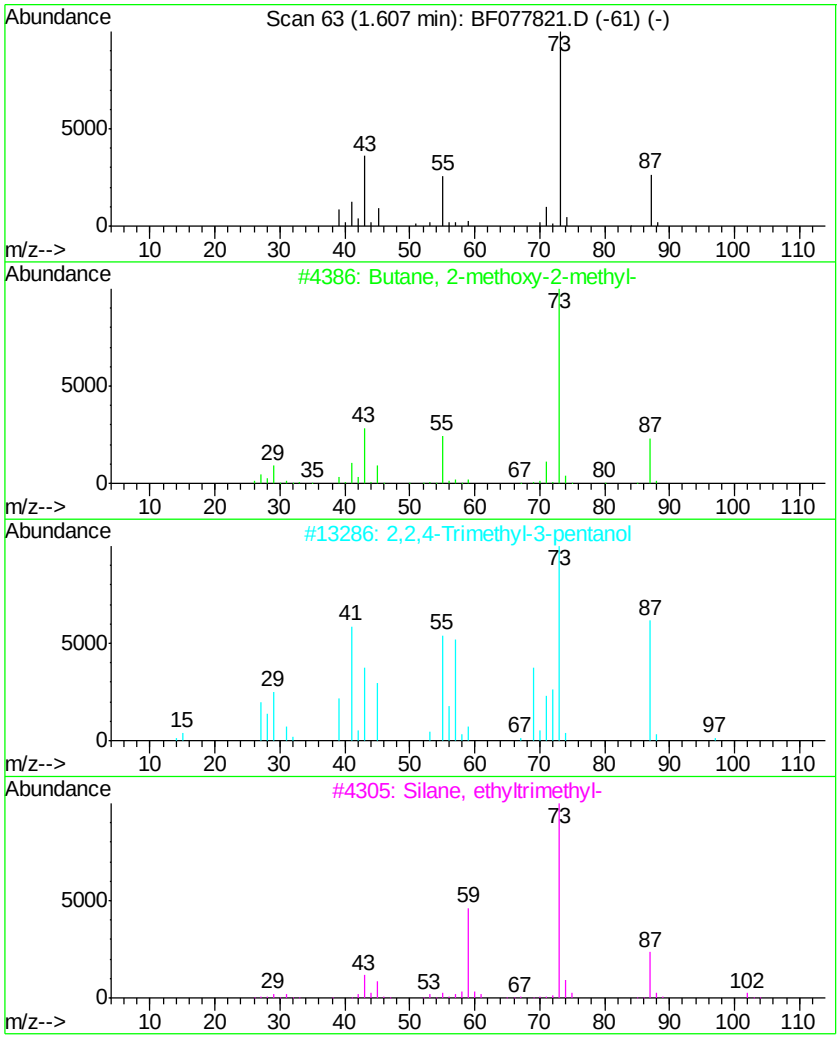
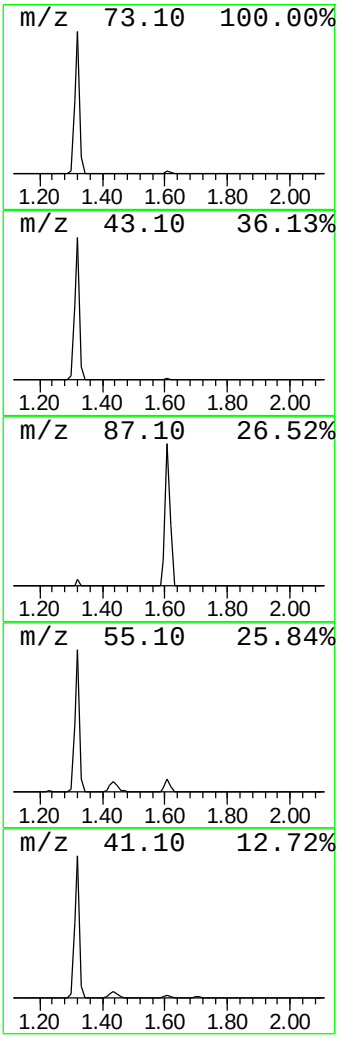
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.61	7.39 ng	85310	1,4-Dichlorobenzene-d4	7.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077821.D
Acq On : 19 Mar 2015 5:13
Operator : TP/IZ
Sample : G1544-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9(12-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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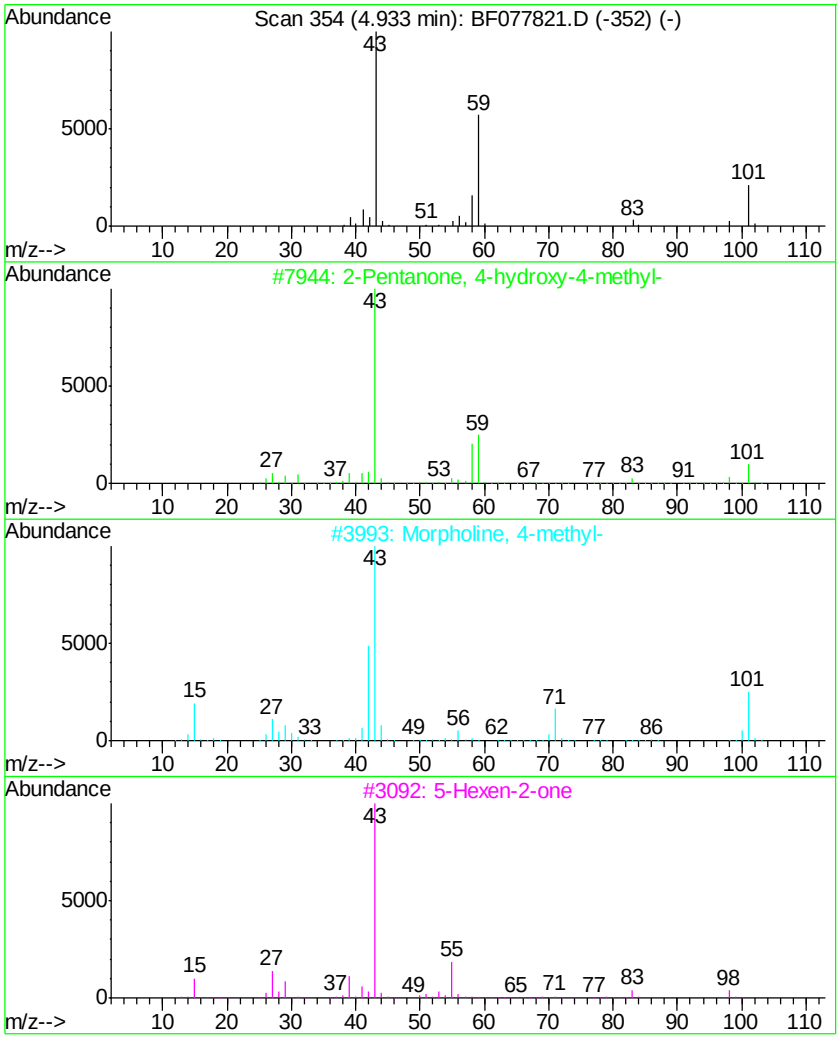
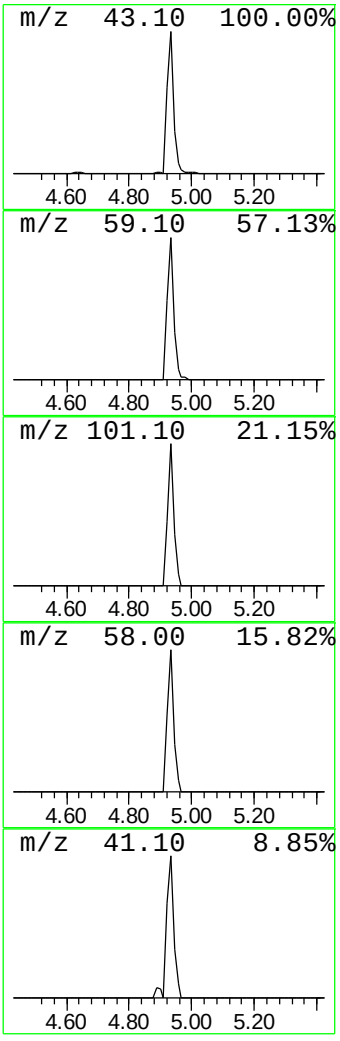
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	16.44 ng	189815	1,4-Dichlorobenzene-d4	7.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077821.D
Acq On : 19 Mar 2015 5:13
Operator : TP/IZ
Sample : G1544-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9(12-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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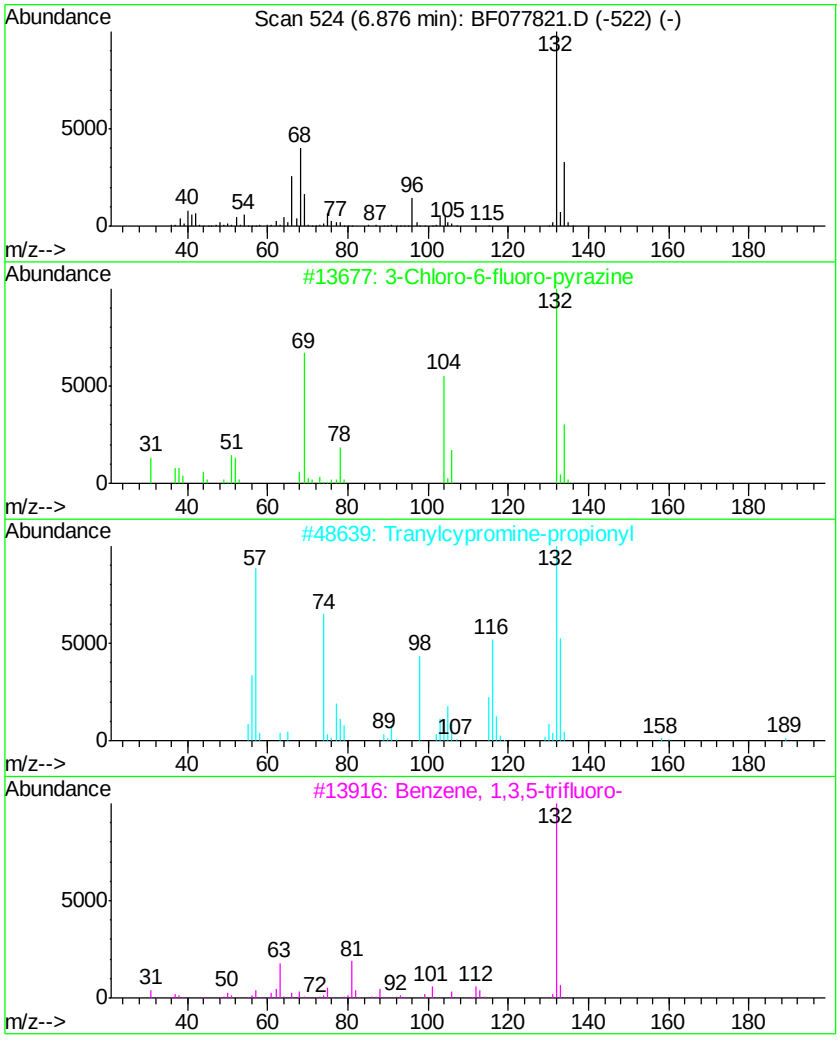
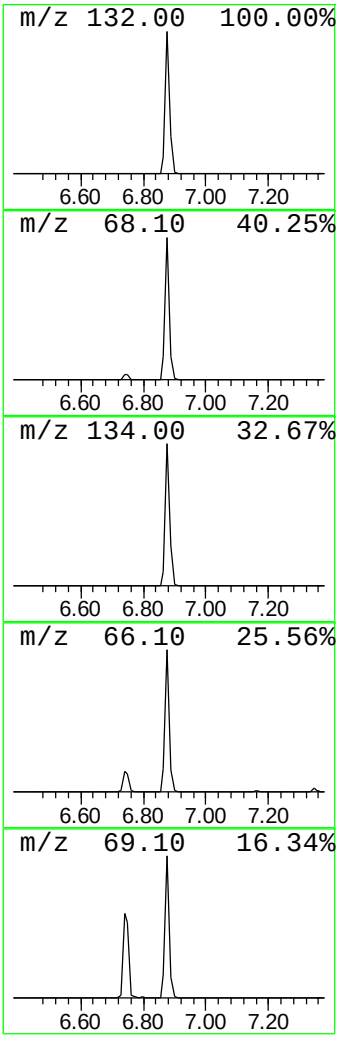
Peak Number 5 unknown6.88 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	105.56 ng	1218600	1,4-Dichlorobenzene-d4	7.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077821.D
Acq On : 19 Mar 2015 5:13
Operator : TP/IZ
Sample : G1544-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9(12-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

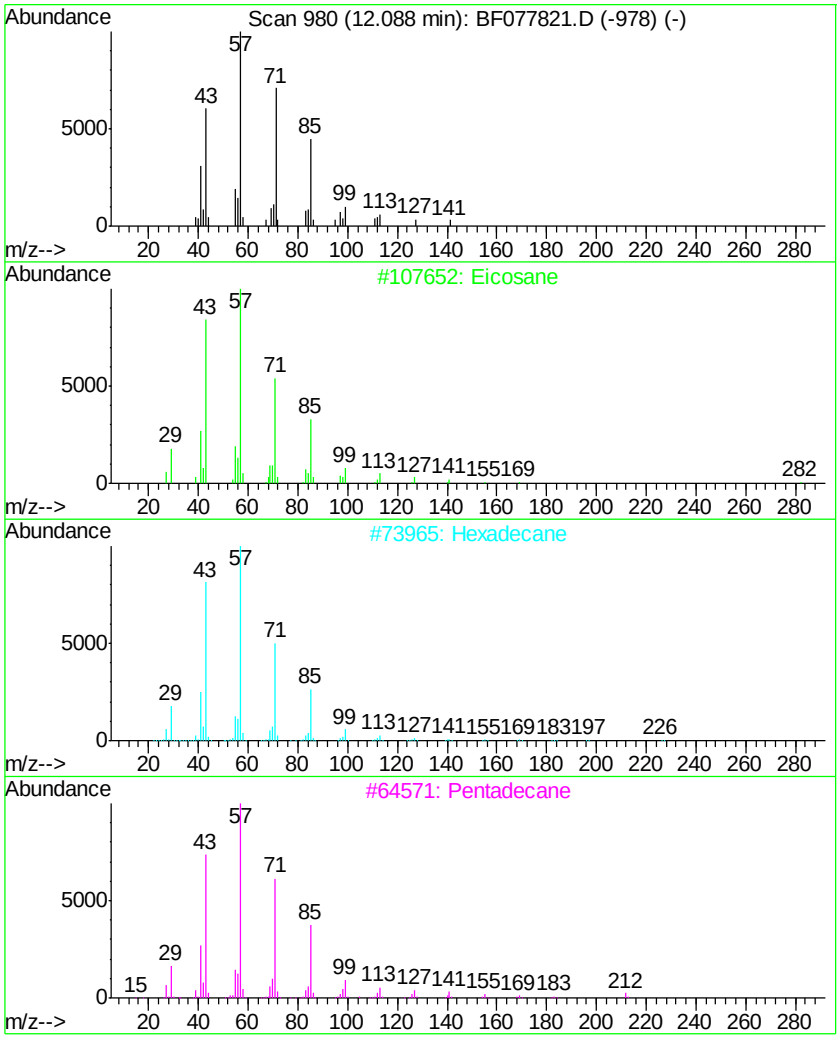
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

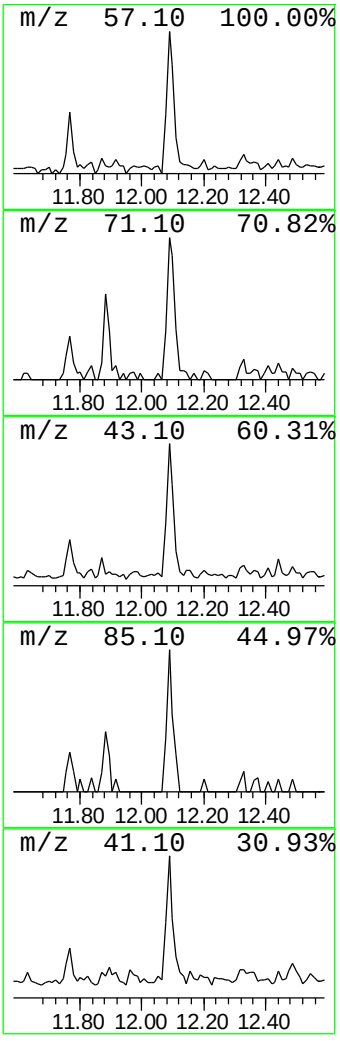
****

Peak Number 7 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	4.17 ng	82072	Phenanthrene-d10	12.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane	184	C13H28	000629-50-5	83





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Data File : BF077821.D
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Operator : TP/IZ
Sample : G1544-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9(12-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

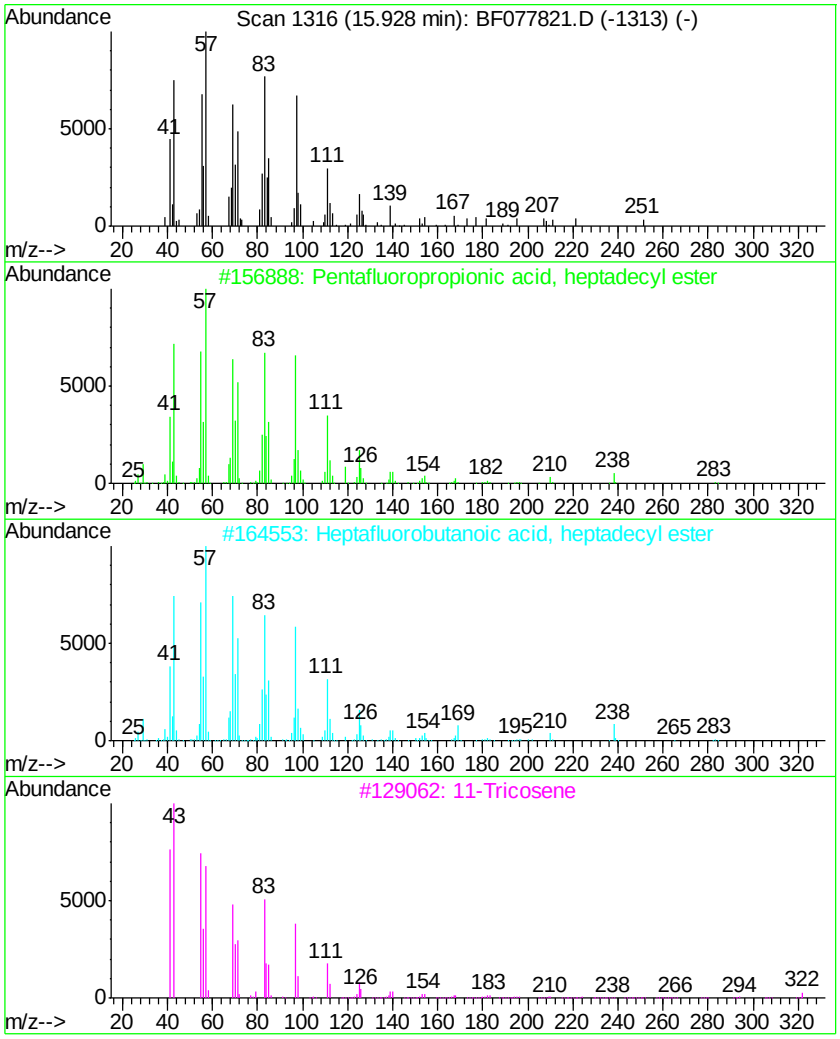
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

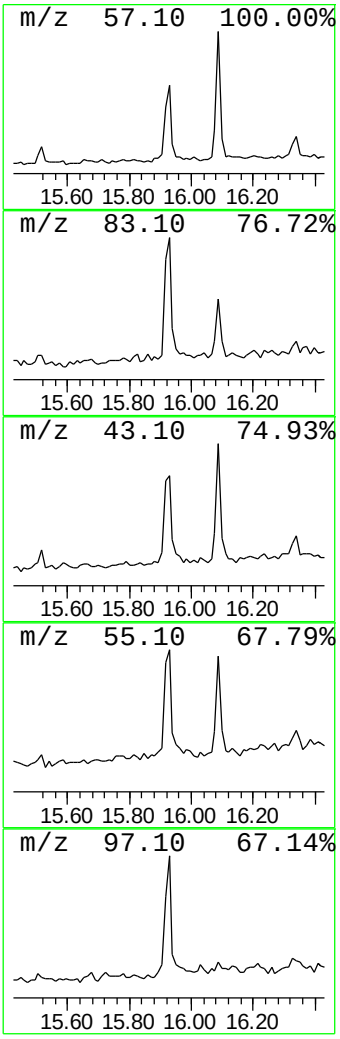
****

Peak Number 8 Pentafluoropropionic acid, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	4.99 ng	123782	Chrysene-d12	16.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	94
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
3	11-Tricosene	322	C23H46	052078-56-5	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	1-Tetracosanol	354	C24H50O	000506-51-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
Data File : BF077821.D
Acq On : 19 Mar 2015 5:13
Operator : TP/IZ
Sample : G1544-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9(12-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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
Propane, 2,2-dime...	1.32	499.2	ng	5762660	1	7.16	230892	20.0
Butane, 2-methoxy...	1.61	7.4	ng	85310	1	7.16	230892	20.0
2-Pentanone, 4-hy...	4.93	16.4	ng	189815	1	7.16	230892	20.0
unknown6.88	6.88	105.6	ng	1218600	1	7.16	230892	20.0
Eicosane	12.09	4.2	ng	82072	4	12.75	393651	20.0
Pentafluoropropio...	15.93	5.0	ng	123782	5	16.03	496475	20.0