LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078936.D
Acq On : 5 May 2015 12:02
Operator : TP/IZ
Sample : G2115-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-5

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-BF043015.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	1.267	4	7	10	rVB	1084137	1241015	65.63%	8.467%
2	1.507	25	28	30	rVB	777612	956423	50.58%	6.525%
3	1.655	37	41	44	rVB	492359	726922	38.44%	4.959%
4	1.781	49	52	54	rVV2	20043	41767	2.21%	0.285%
5	1.827	54	56	61	rVB	39240	58087	3.07%	0.396%
6	1.907	61	63	87	rVB	867496	1890926	100.00%	12.901%
7	5.164	346	348	352	rVB	40578	45440	2.40%	0.310%
8	5.644	388	390	393	rBV	369558	414710	21.93%	2.829%
9	6.902	497	500	502	rBV	601114	577263	30.53%	3.938%
10	7.062	512	514	517	rVB	581239	521947	27.60%	3.561%
11	7.359	538	540	542	rBV	353019	354333	18.74%	2.417%
12	7.542	553	556	558	rVB	431144	378118	20.00%	2.580%
13	8.045	598	600	602	rBV	360467	333823	17.65%	2.277%
14	8.936	675	678	680	rBV	392903	481771	25.48%	3.287%
15	9.633	737	739	743	rBV	32132	31167	1.65%	0.213%
16	10.273	793	795	798	rBV	970452	977181	51.68%	6.667%
17	10.776	837	839	842	rBV	48291	47383	2.51%	0.323%
18	11.108	865	868	870	rBV	580428	529700	28.01%	3.614%
19	12.011	945	947	949	rBV	122187	125230	6.62%	0.854%
20	12.091	951	954	956	rBV2	497622	684009	36.17%	4.667%
21	12.948	1027	1029	1031	rBV	509443	581287	30.74%	3.966%
22	12.982	1031	1032	1034	rVB	58436	43947	2.32%	0.300%
23	14.457	1159	1161	1163	rVB	83881	83474	4.41%	0.569%
24	14.742	1181	1186	1188	rBV	81135	104569	5.53%	0.713%
25	14.948	1201	1204	1207	rBV	1507600	1513625	80.05%	10.327%
26	16.125	1305	1307	1312	rVB	75105	124851	6.60%	0.852%
27	16.251	1315	1318	1320	rBV	619225	787441	41.64%	5.372%
28	16.948	1377	1379	1384	rVB3	23681	44758	2.37%	0.305%
29	17.074	1388	1390	1393	rBV4	20982	44128	2.33%	0.301%
30	17.554	1430	1432	1434	rBV	34961	67251	3.56%	0.459%
31	17.943	1464	1466	1469	rBV	30049	45213	2.39%	0.308%
32	18.023	1470	1473	1478	rVB	501686	799744	42.29%	5.456%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078936.D
Acq On : 5 May 2015 12:02
Operator : TP/IZ
Sample : G2115-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-5

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

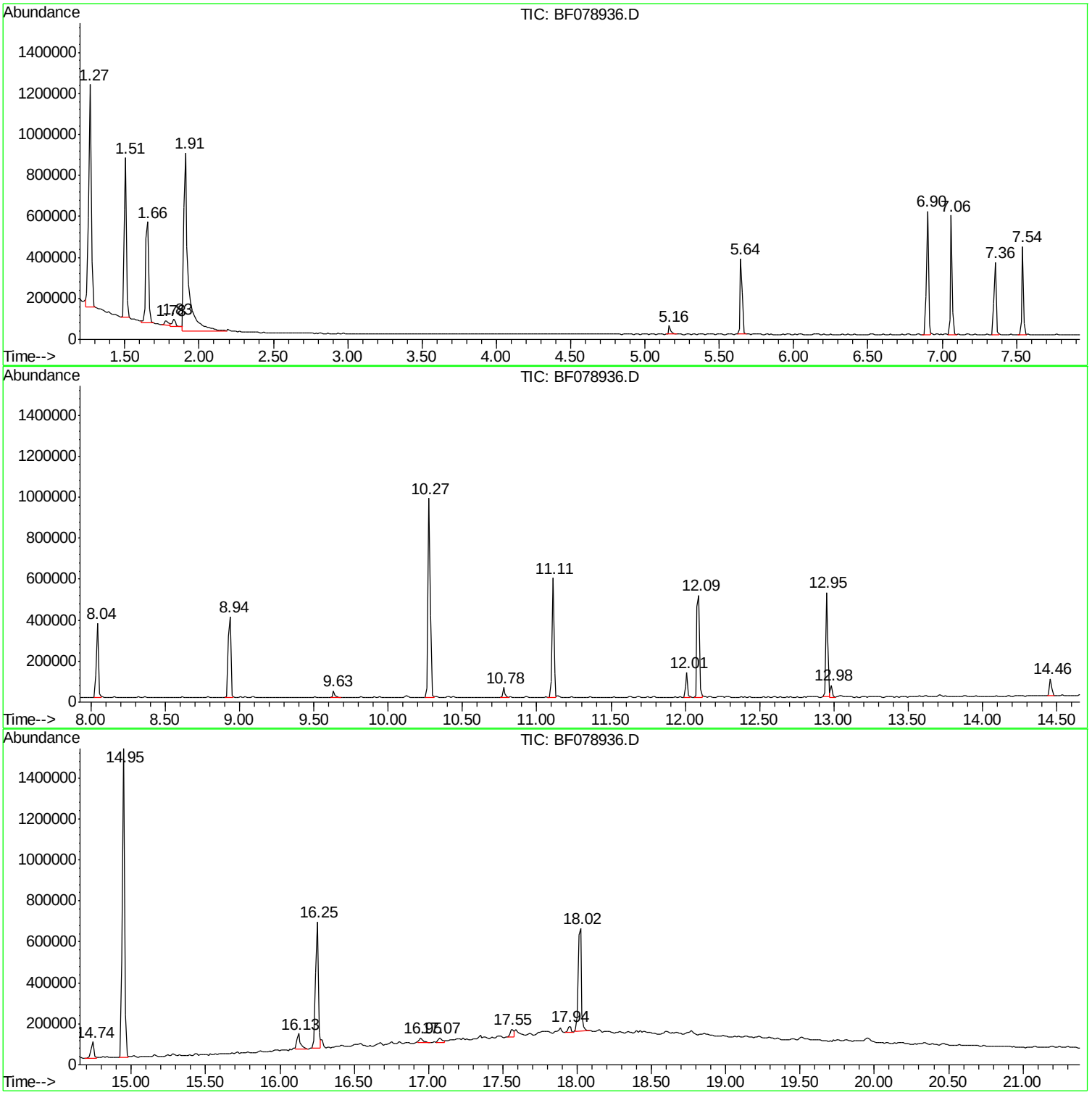
Sum of corrected areas: 14657503

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078936.D
Acq On : 5 May 2015 12:02
Operator : TP/IZ
Sample : G2115-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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\BF050515\
Data File : BF078936.D
Acq On : 5 May 2015 12:02
Operator : TP/IZ
Sample : G2115-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

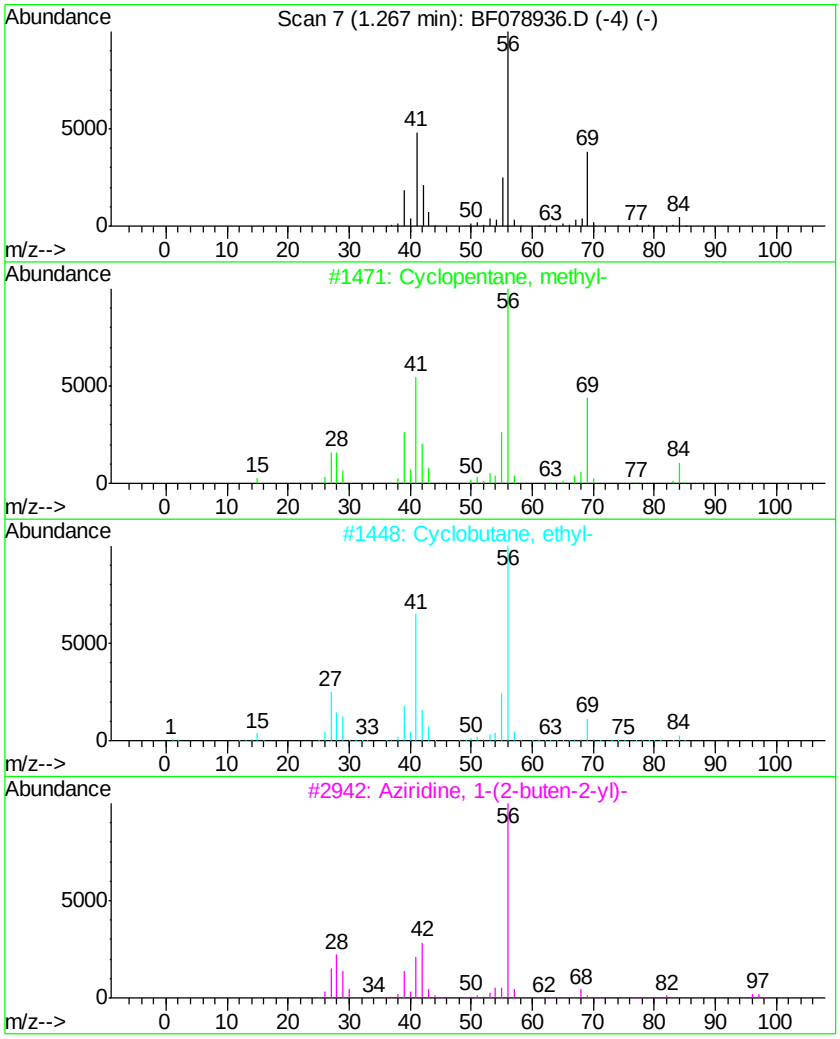
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

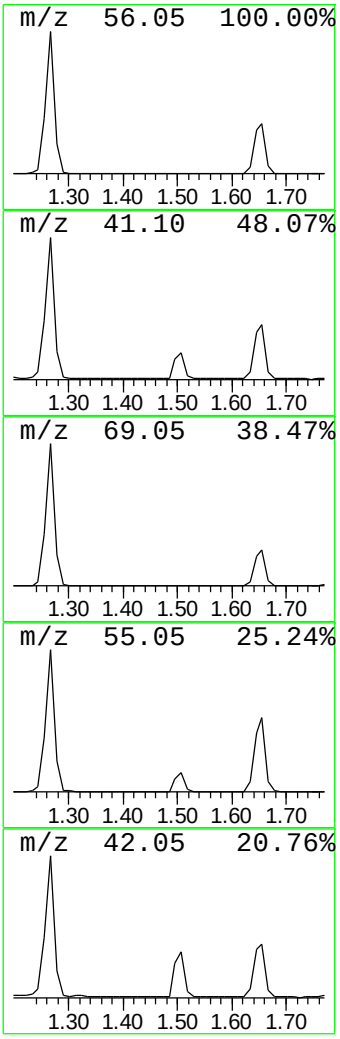
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.27	70.05 ng	1241020	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
3	Aziridine, 1-(2-buten-2-yl)-	97	C6H11N	1000158-95-2	39
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	39
5	Oxetane, 3,3-dimethyl-	86	C5H10O	006921-35-3	36





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078936.D
Acq On : 5 May 2015 12:02
Operator : TP/IZ
Sample : G2115-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

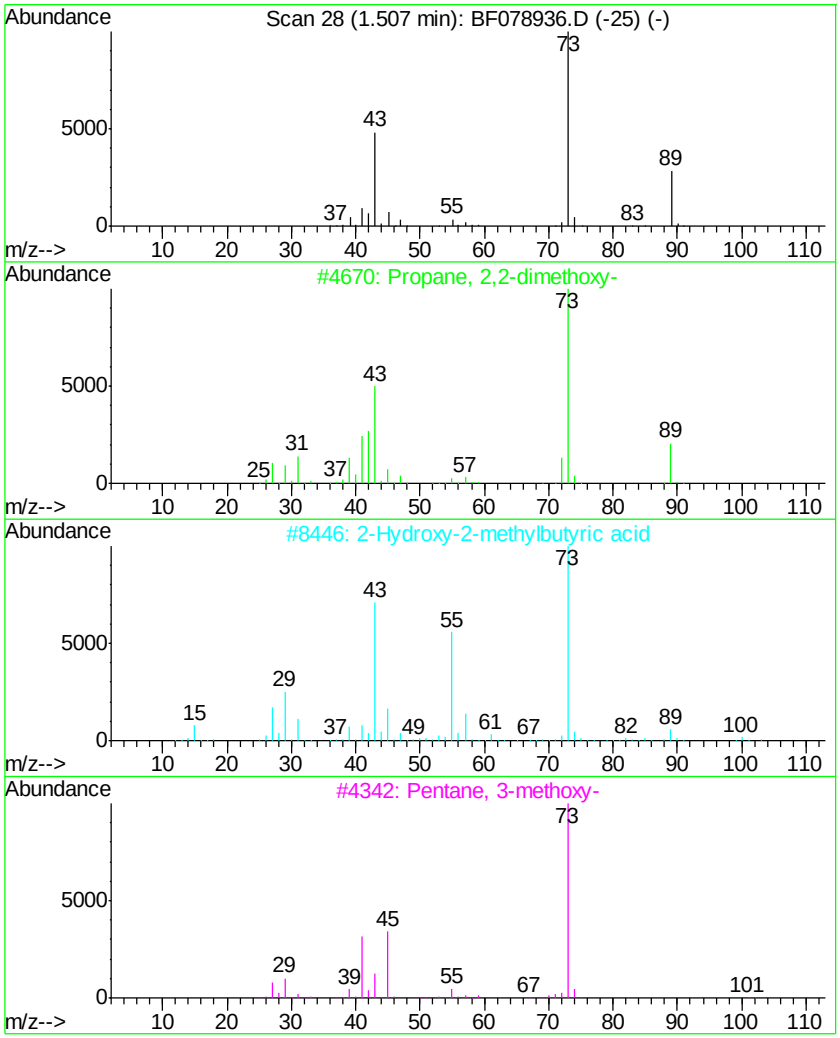
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

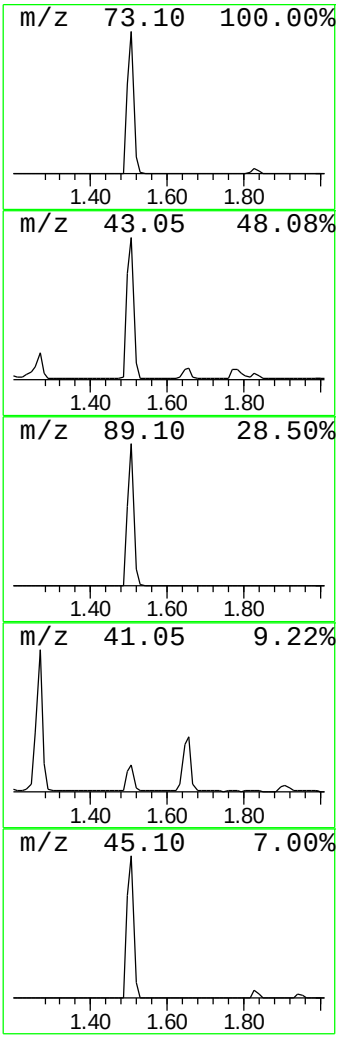
****

Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.51	53.98 ng	956423	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078936.D
Acq On : 5 May 2015 12:02
Operator : TP/IZ
Sample : G2115-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

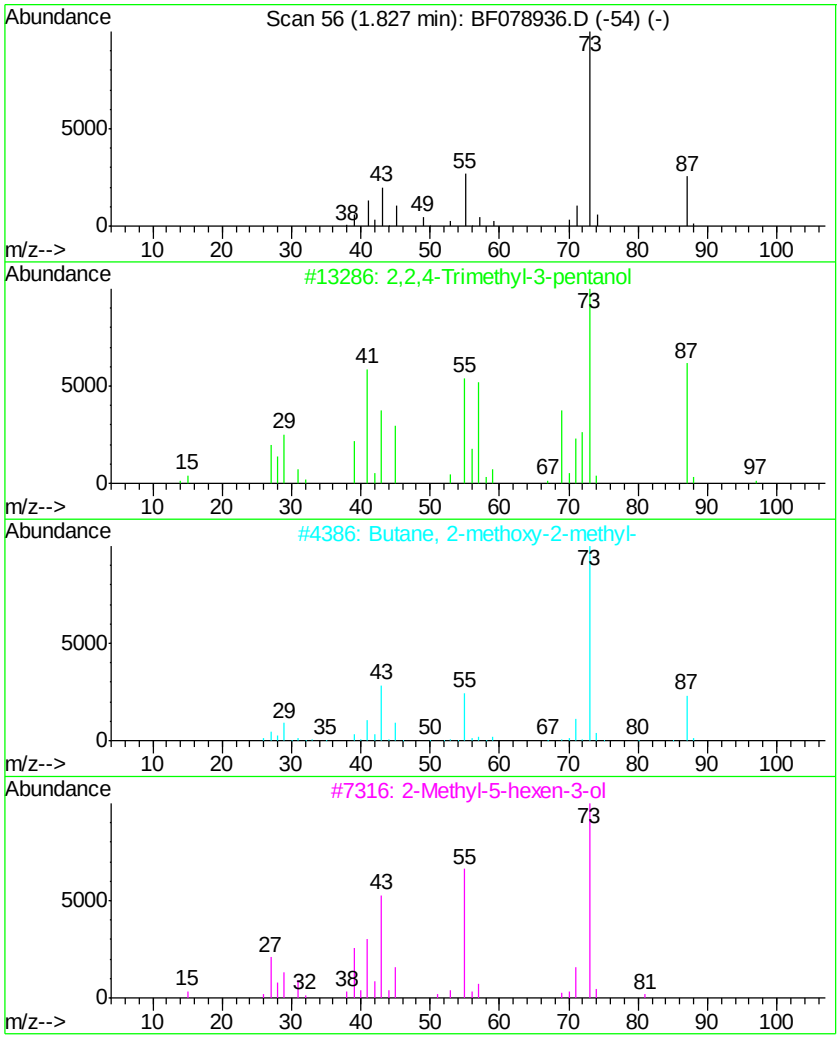
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

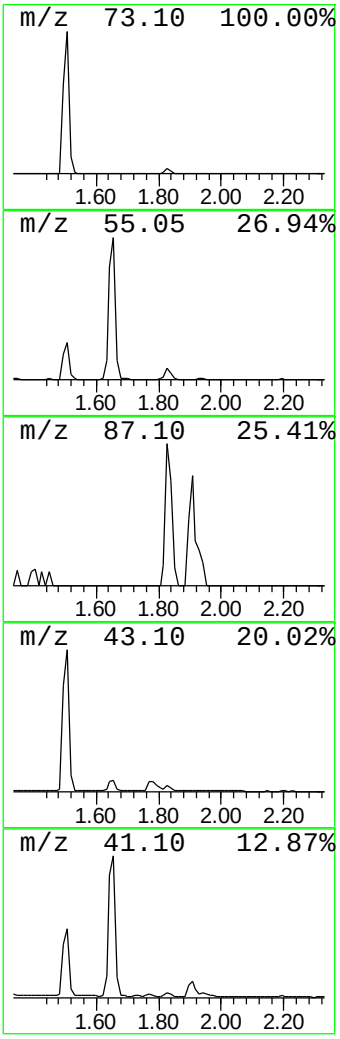
****

Peak Number 5 2,2,4-Trimethyl-3-pentanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.83	3.28 ng	58087	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078936.D
Acq On : 5 May 2015 12:02
Operator : TP/IZ
Sample : G2115-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

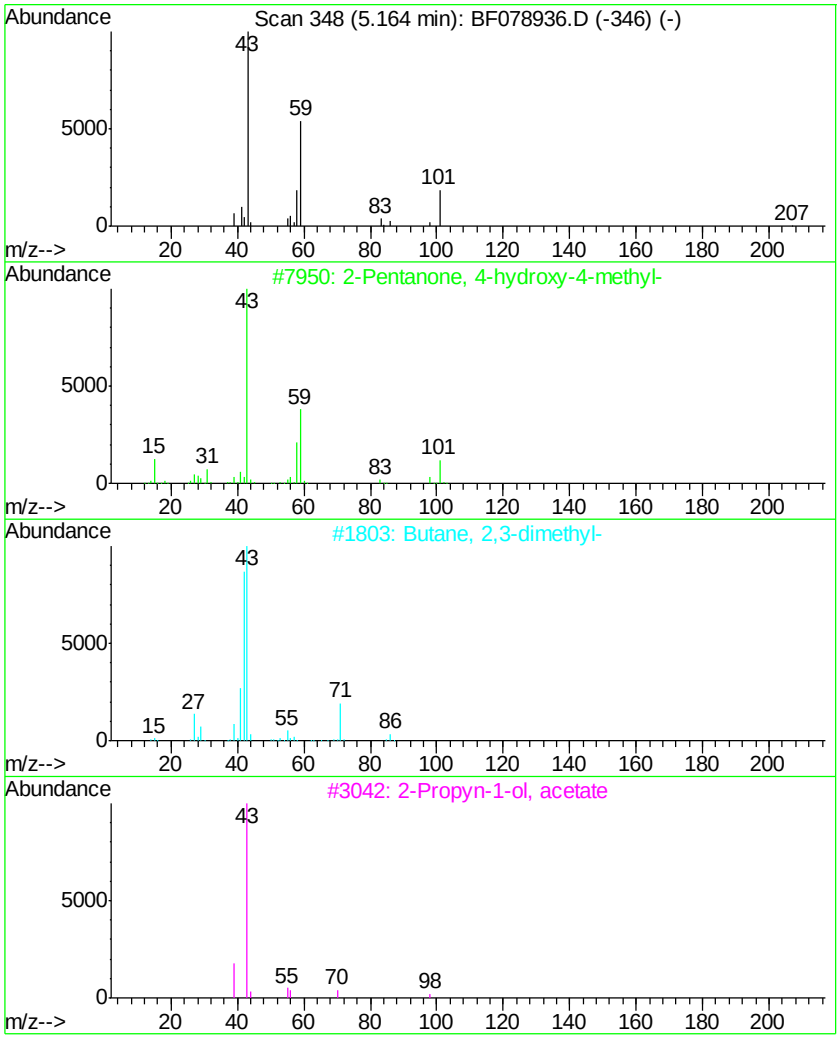
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

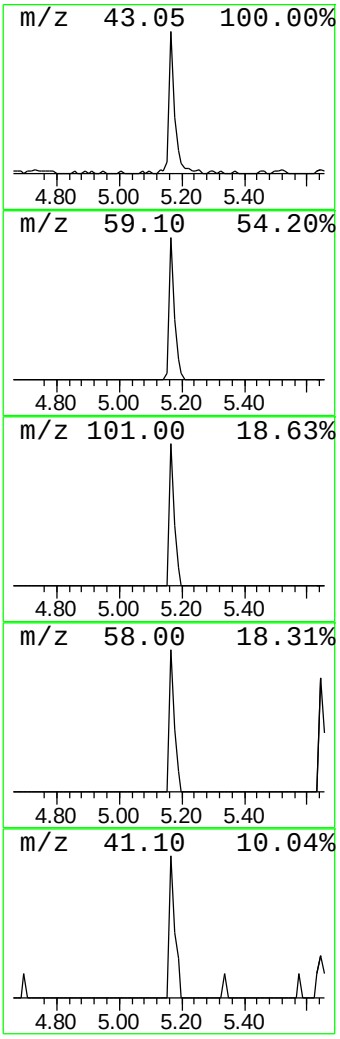
****

Peak Number 7 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	2.56 ng	45440	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	9
3	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078936.D
Acq On : 5 May 2015 12:02
Operator : TP/IZ
Sample : G2115-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

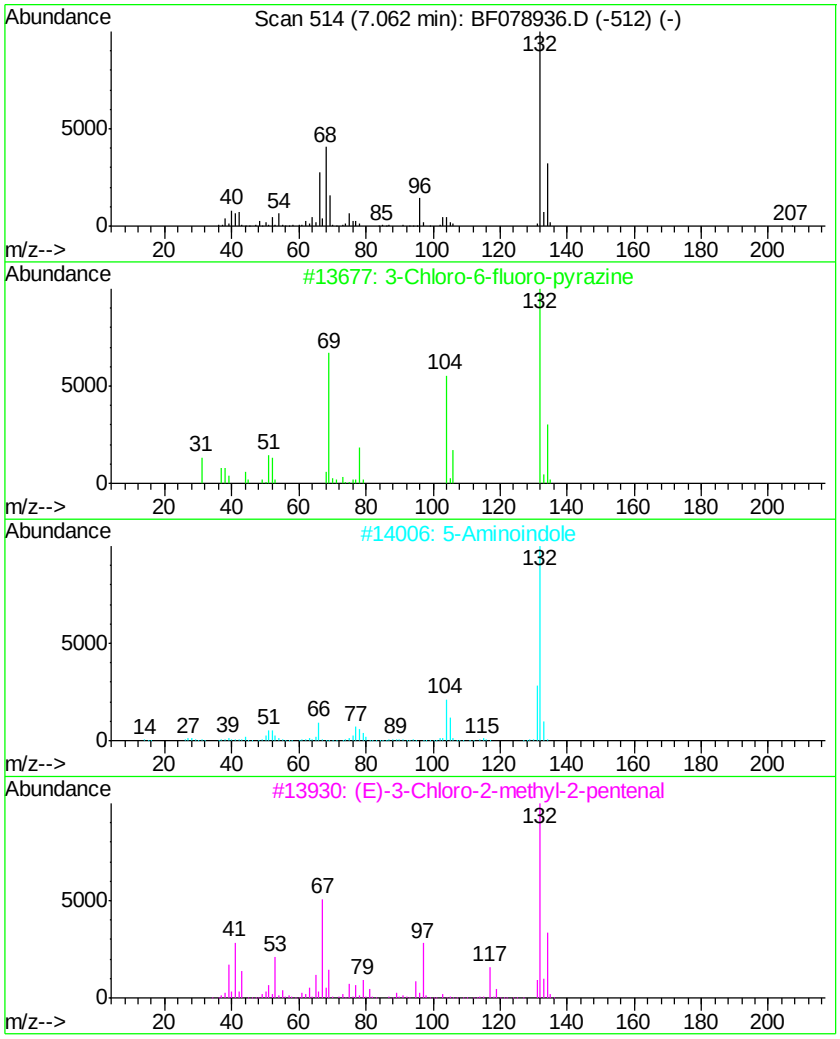
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

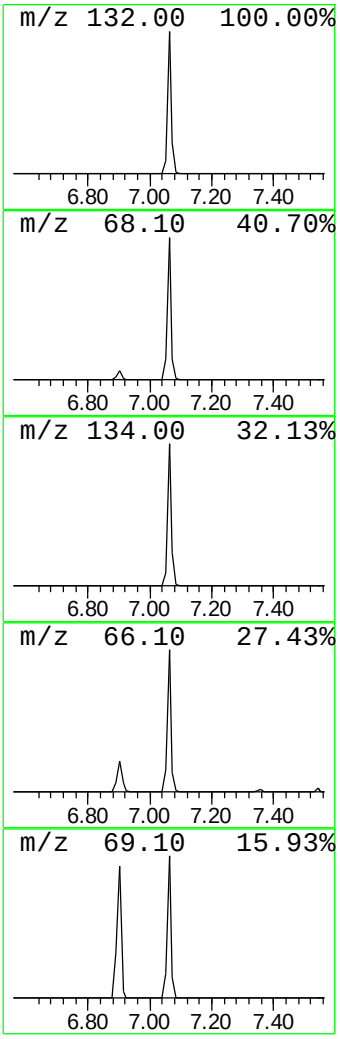
****

Peak Number 8 unknown7.06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	29.46 ng	521947	1,4-Dichlorobenzene-d4	7.36

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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078936.D
Acq On : 5 May 2015 12:02
Operator : TP/IZ
Sample : G2115-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

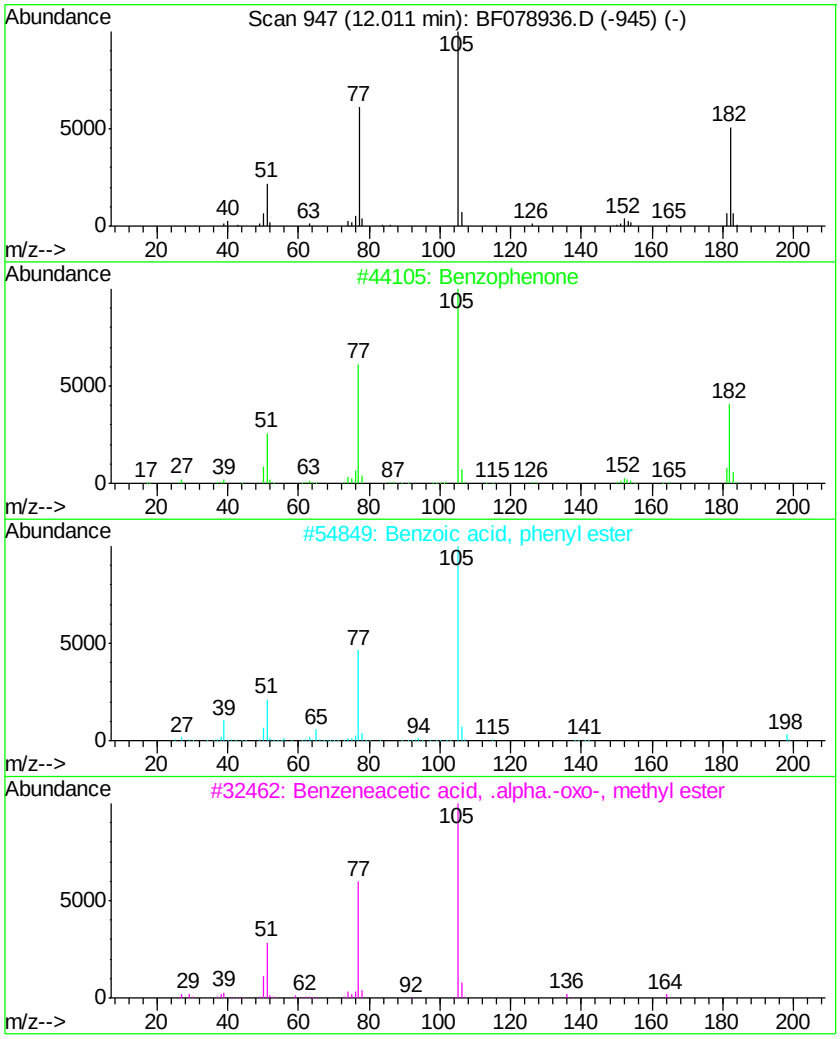
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

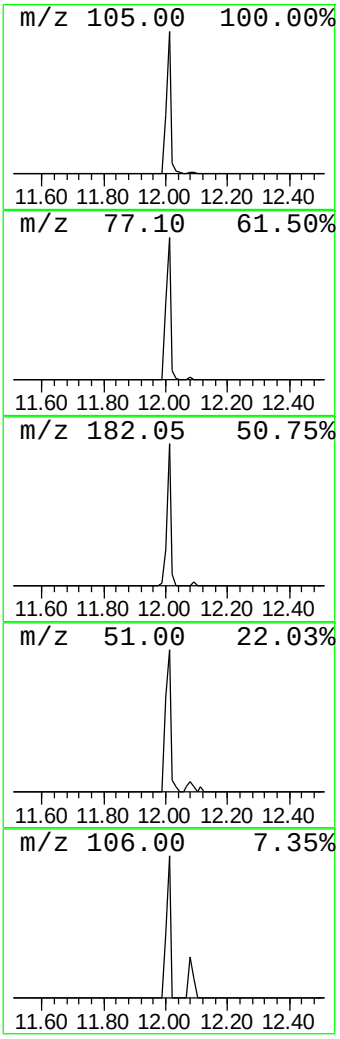
****

Peak Number 10 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	4.73 ng	125230	Acenaphthene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
3	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
4	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	47
5	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078936.D
Acq On : 5 May 2015 12:02
Operator : TP/IZ
Sample : G2115-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

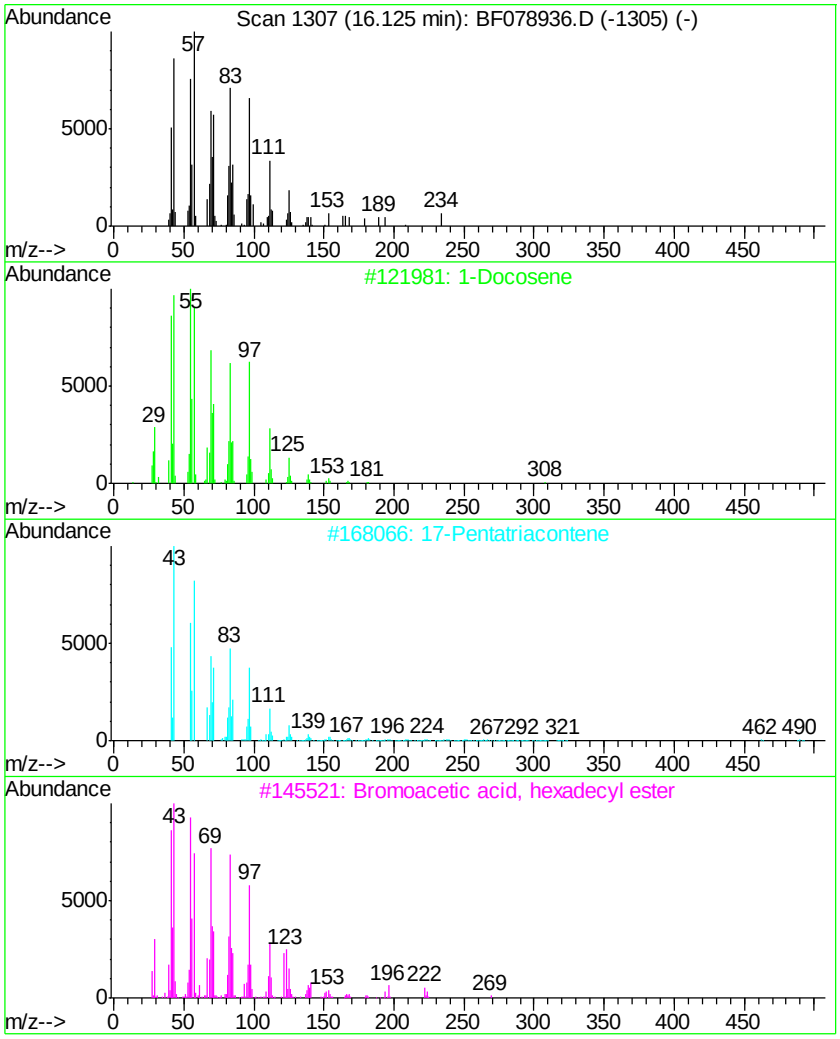
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

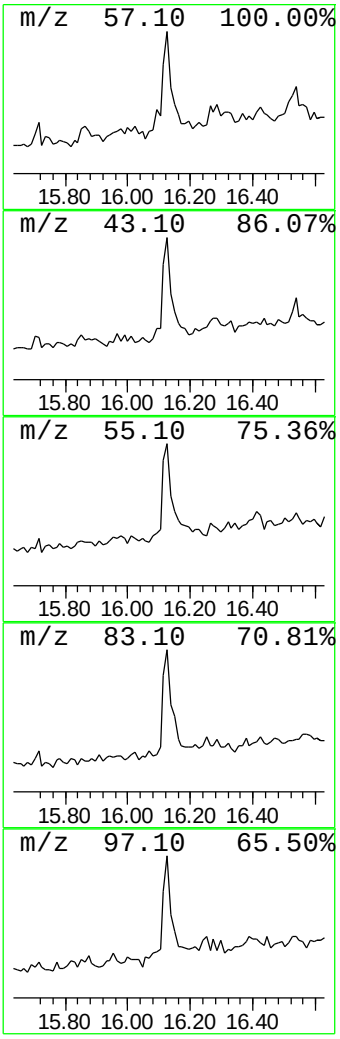
****

Peak Number 11 1-Docosene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	3.17 ng	124851	Chrysene-d12	16.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	90
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	74
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	74
5	Cyclohexadecane	224	C16H32	000295-65-8	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050515\
Data File : BF078936.D
Acq On : 5 May 2015 12:02
Operator : TP/IZ
Sample : G2115-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Cyclopentane, met...	1.27	70.0	ng	1241020	1	7.36	354333	20.0
Propane, 2,2-dime...	1.51	54.0	ng	956423	1	7.36	354333	20.0
2,2,4-Trimethyl-3...	1.83	3.3	ng	58087	1	7.36	354333	20.0
2-Pentanone, 4-hy...	5.16	2.6	ng	45440	1	7.36	354333	20.0
unknown7.06	7.06	29.5	ng	521947	1	7.36	354333	20.0
Benzophenone	12.01	4.7	ng	125230	3	11.11	529700	20.0
1-Docosene	16.13	3.2	ng	124851	5	16.25	787441	20.0