LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079152.D
Acq On : 12 May 2015 10:28
Operator : TP/IZ
Sample : G2176-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-26(0-3)

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	1.450	20	23	26	rVB	5065468	5939364	100.00%	22.979%
2	1.575	31	34	43	rVB	144575	280745	4.73%	1.086%
3	1.758	47	50	57	rVB2	212665	424213	7.14%	1.641%
4	1.861	57	59	85	rVB	863483	1474574	24.83%	5.705%
5	5.096	340	342	351	rVB	79564	107780	1.81%	0.417%
6	5.599	384	386	389	rBV	1459690	1621779	27.31%	6.275%
7	6.867	494	497	499	rBV	1961972	1824816	30.72%	7.060%
8	7.016	507	510	512	rBV	1694045	1820710	30.65%	7.044%
9	7.302	533	535	537	rBV	297271	325583	5.48%	1.260%
10	7.484	549	551	553	rBV	1514436	1343890	22.63%	5.199%
11	7.987	593	595	598	rVB	1103466	1030406	17.35%	3.987%
12	8.879	670	673	675	rVB	402054	459415	7.74%	1.777%
13	10.228	788	791	793	rBV	1531683	2132038	35.90%	8.249%
14	10.731	832	835	837	rBV	49303	63738	1.07%	0.247%
15	11.051	861	863	866	rVB	569035	525911	8.85%	2.035%
16	12.034	946	949	952	rBV	1505660	1462658	24.63%	5.659%
17	12.902	1022	1025	1027	rBV	466535	567110	9.55%	2.194%
18	14.902	1197	1200	1202	rBV	2082799	2547648	42.89%	9.857%
19	16.080	1300	1303	1308	rBV	153890	220082	3.71%	0.851%
20	16.205	1312	1314	1317	rBV	519912	718467	12.10%	2.780%
21	16.503	1338	1340	1347	rBV5	24919	72171	1.22%	0.279%
22	16.925	1375	1377	1381	rBV2	42361	68957	1.16%	0.267%
23	17.051	1386	1388	1392	rBV2	39781	82516	1.39%	0.319%
24	18.023	1470	1473	1476	rVB	549912	732128	12.33%	2.833%

Sum of corrected areas: 25846699

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079152.D
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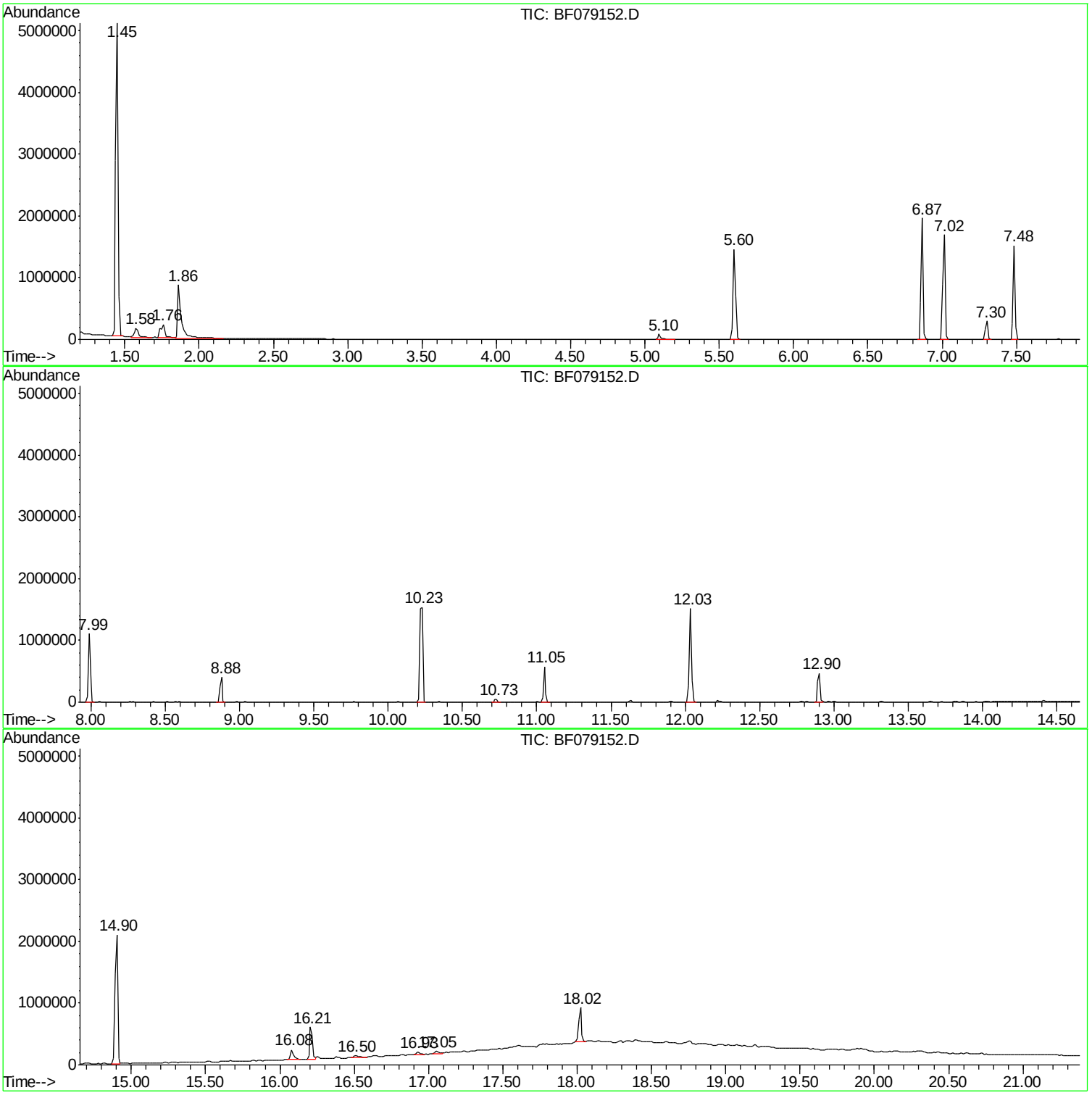
Operator : TP/IZ
Sample : G2176-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-26(0-3)

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\BF051115\
Data File : BF079152.D
Acq On : 12 May 2015 10:28
Operator : TP/IZ
Sample : G2176-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-26(0-3)

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

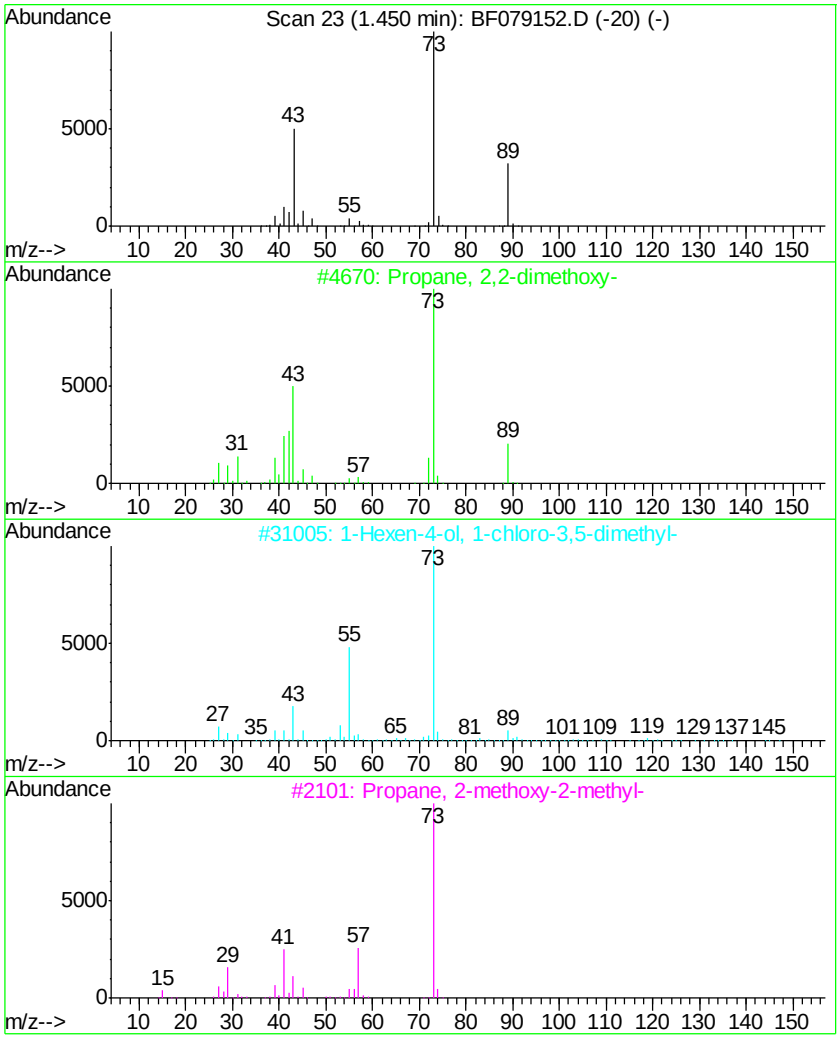
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

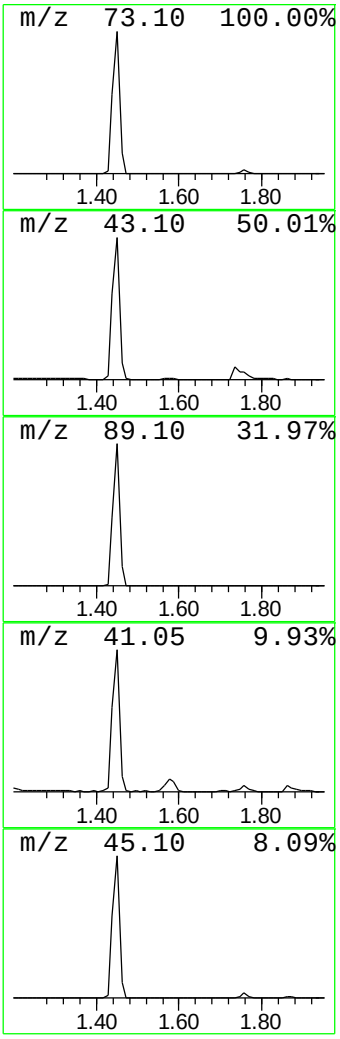
****

Peak Number 1 unknown1.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.45	364.85 ng	5939360	1,4-Dichlorobenzene-d4	7.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079152.D
Acq On : 12 May 2015 10:28
Operator : TP/IZ
Sample : G2176-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-26(0-3)

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

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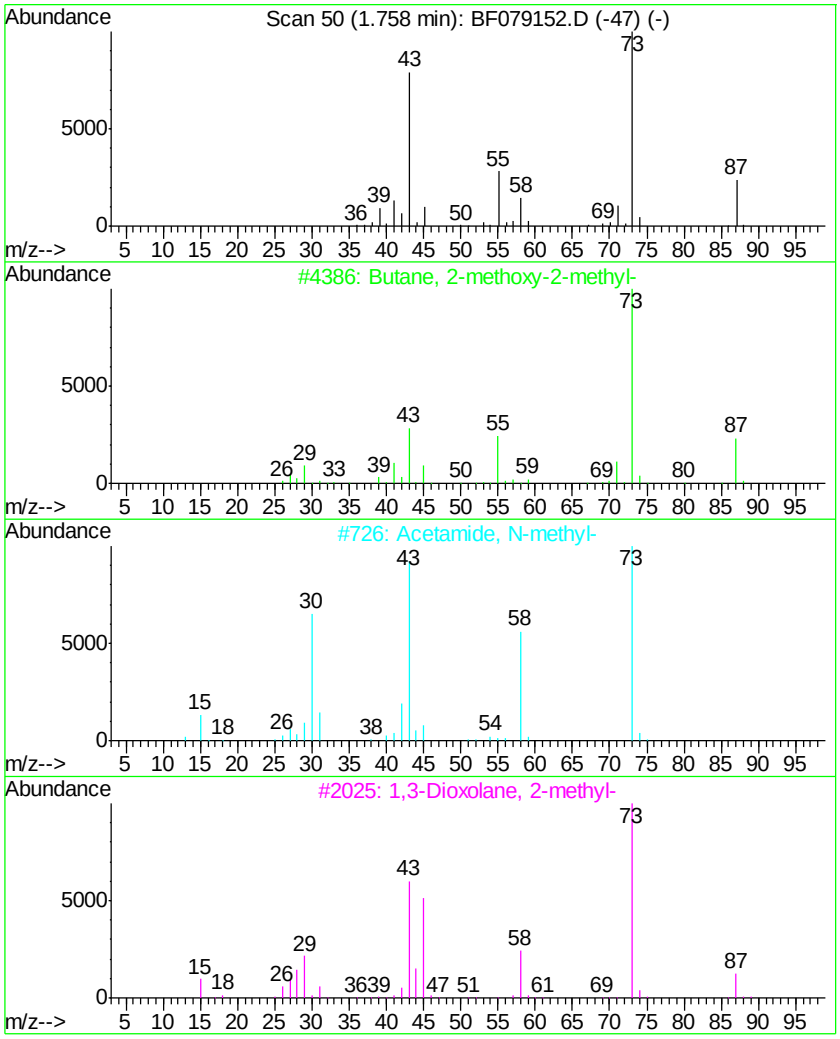
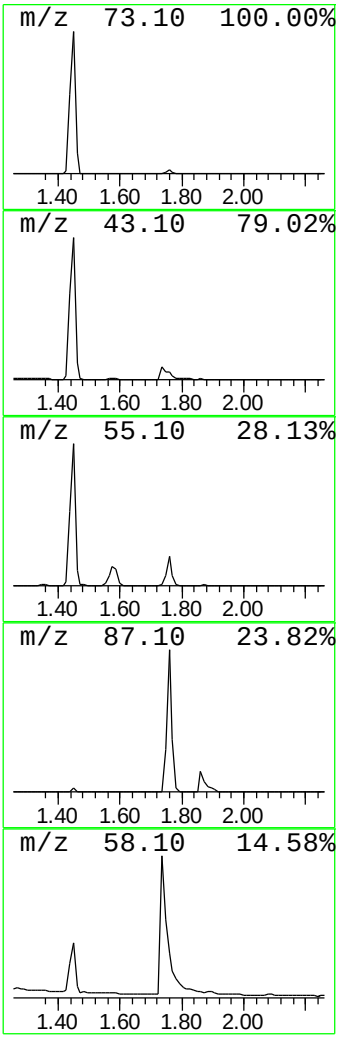
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.76	26.06 ng	424213	1,4-Dichlorobenzene-d4	7.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	37
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	17
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079152.D
Acq On : 12 May 2015 10:28
Operator : TP/IZ
Sample : G2176-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-26(0-3)

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

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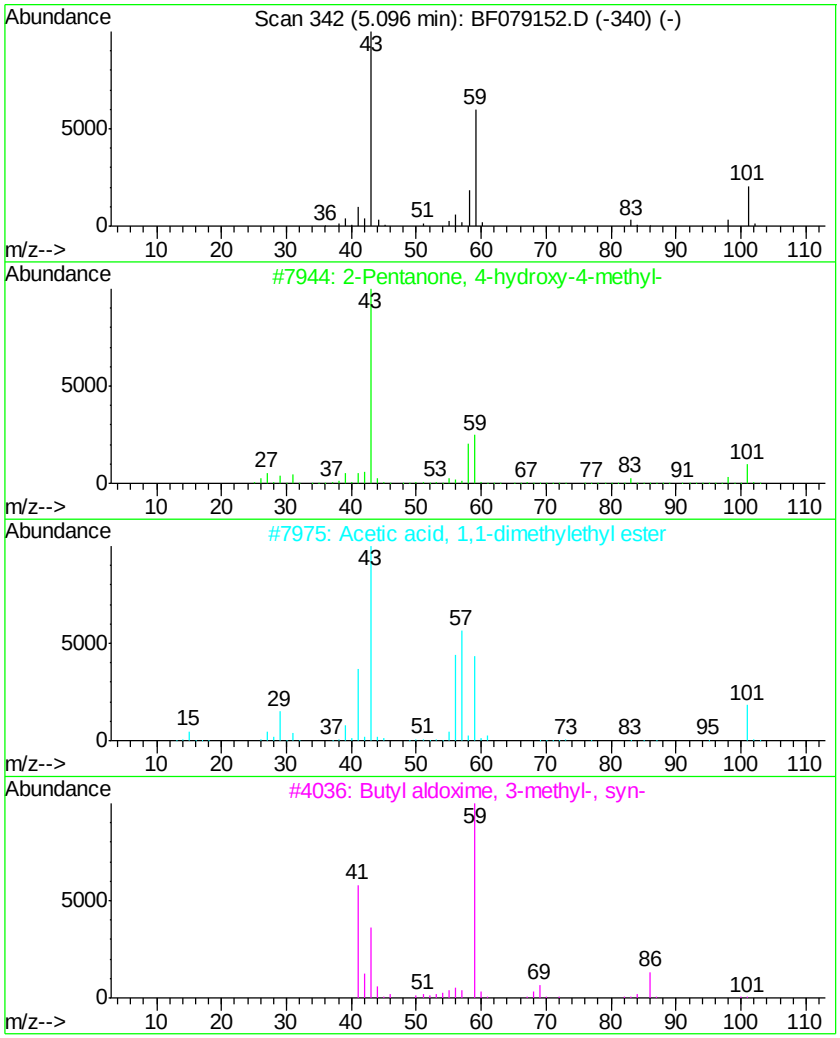
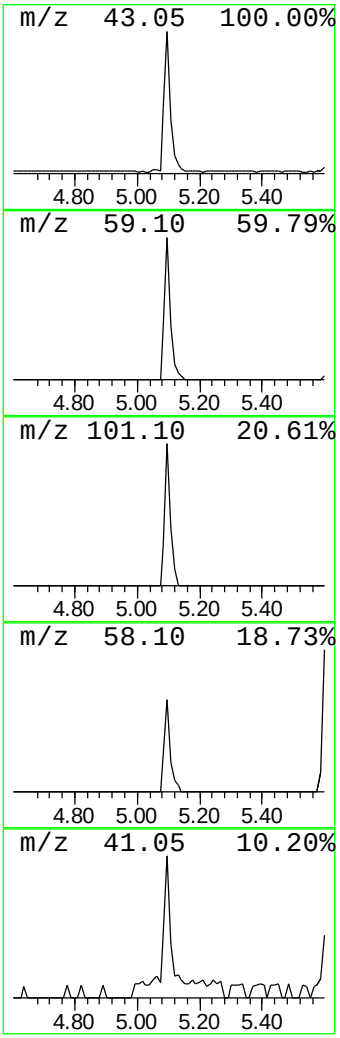
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	6.62 ng	107780	1,4-Dichlorobenzene-d4	7.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	35
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079152.D
Acq On : 12 May 2015 10:28
Operator : TP/IZ
Sample : G2176-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-26(0-3)

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

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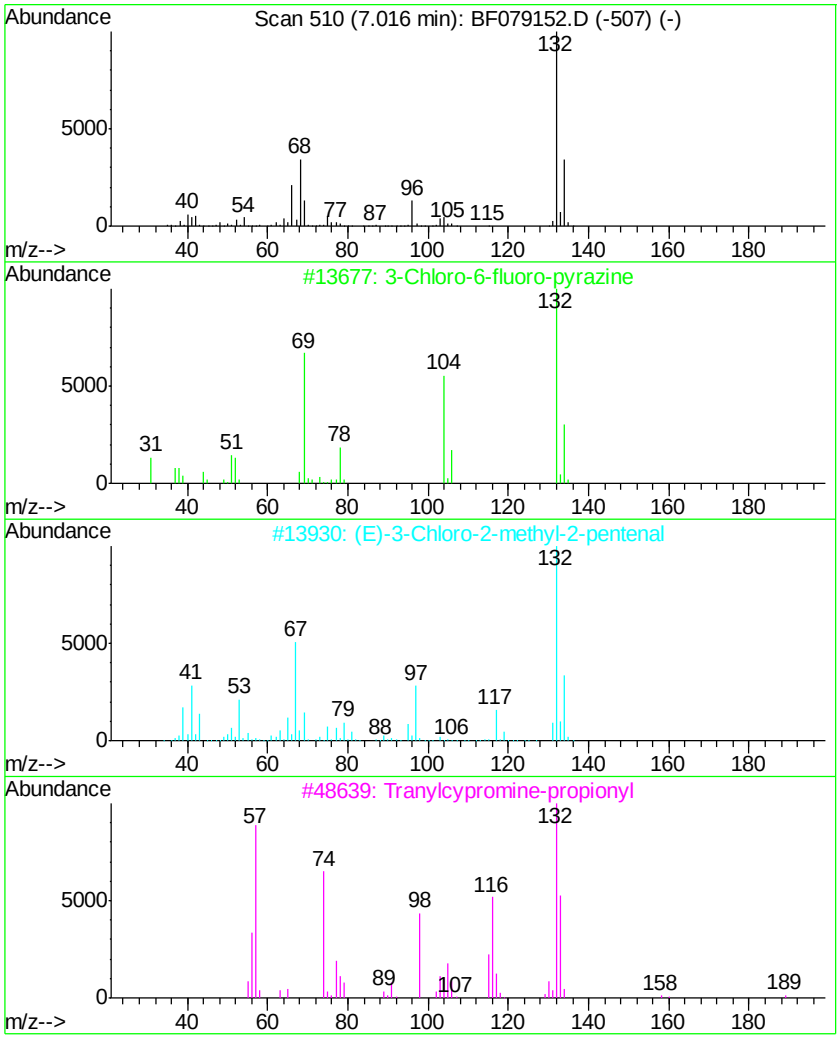
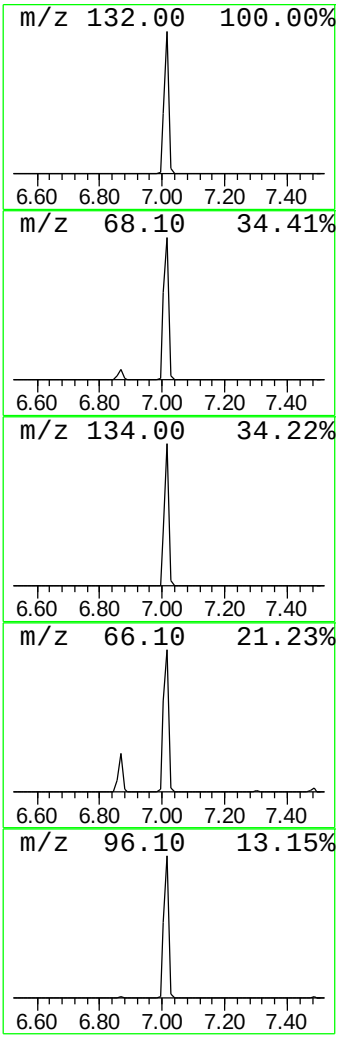
Peak Number 6 unknown7.02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	111.84 ng	1820710	1,4-Dichlorobenzene-d4	7.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079152.D
Acq On : 12 May 2015 10:28
Operator : TP/IZ
Sample : G2176-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-26(0-3)

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

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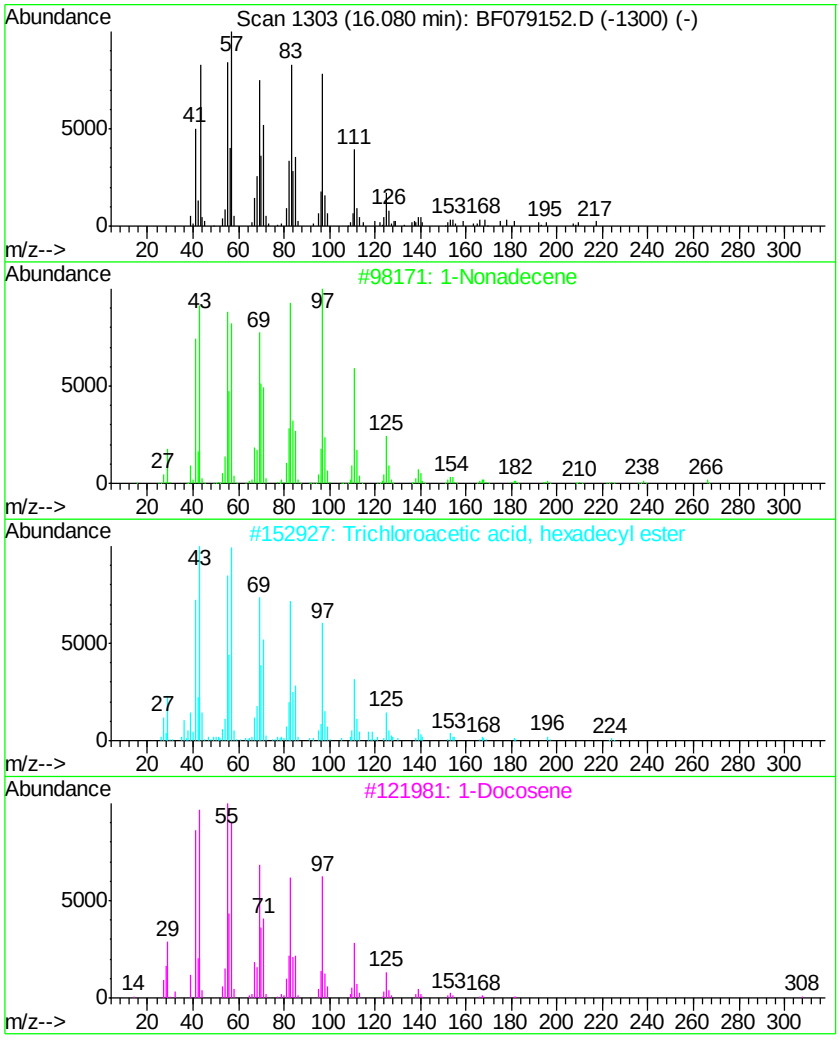
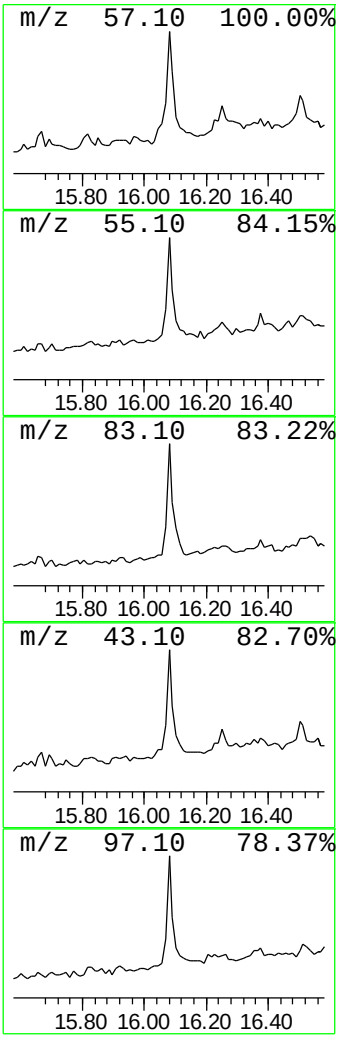
Peak Number 8 1-Nonadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	6.13 ng	220082	Chrysene-d12	16.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	1-Docosene	308	C22H44	001599-67-3	81
4	Cyclopentadecane	210	C15H30	000295-48-7	80
5	11-Tricosene	322	C23H46	052078-56-5	72





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Sample : G2176-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-26(0-3)

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

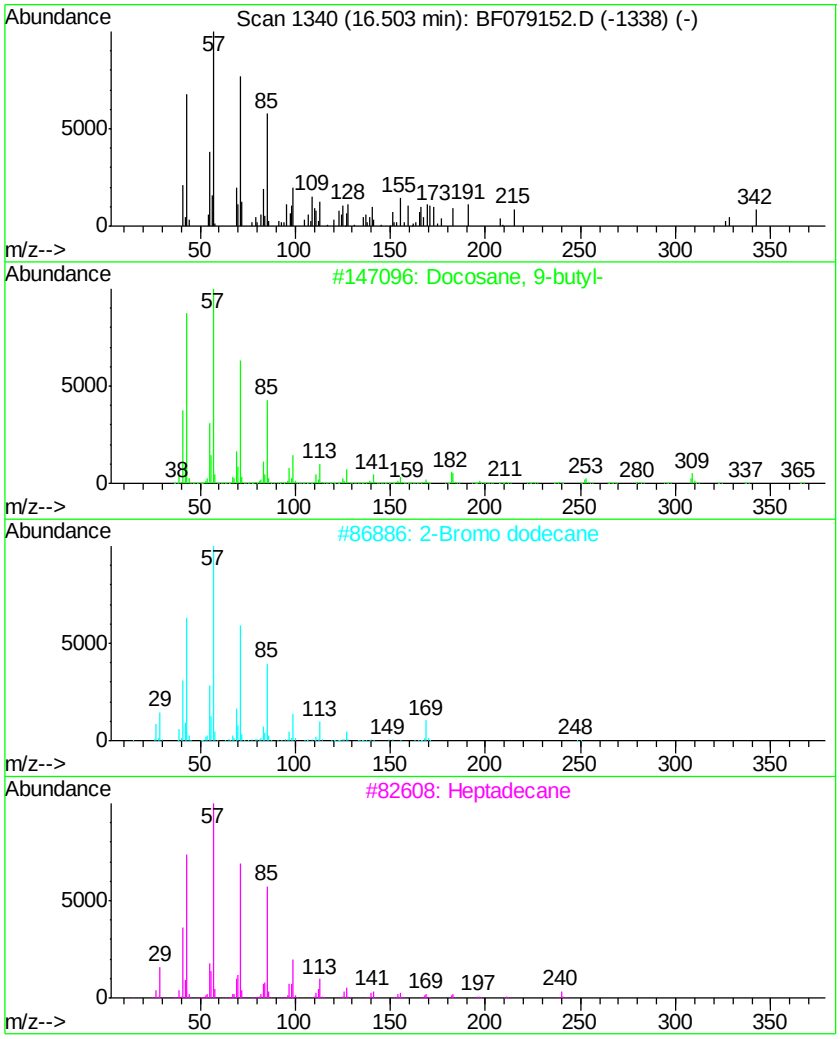
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

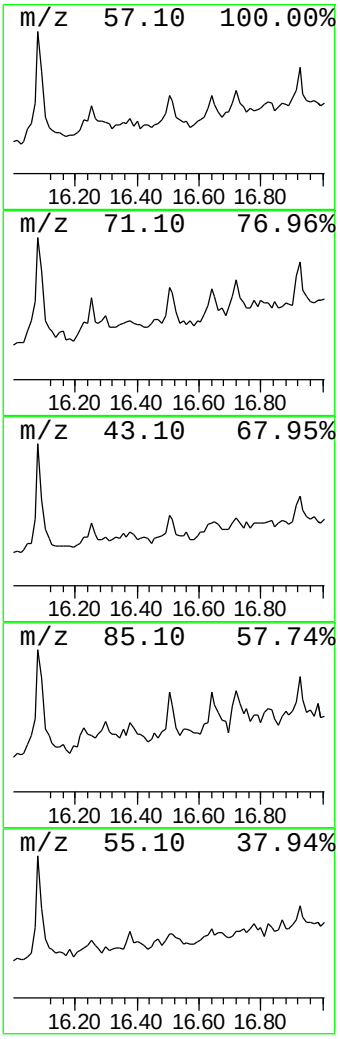
****

Peak Number 9 Docosane, 9-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.01 ng	72171	Chrysene-d12	16.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 9-butyl-	366	C26H54	055282-14-9	59
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	58
3	Heptadecane	240	C17H36	000629-78-7	58
4	Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	53
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	53





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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-26(0-3)

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

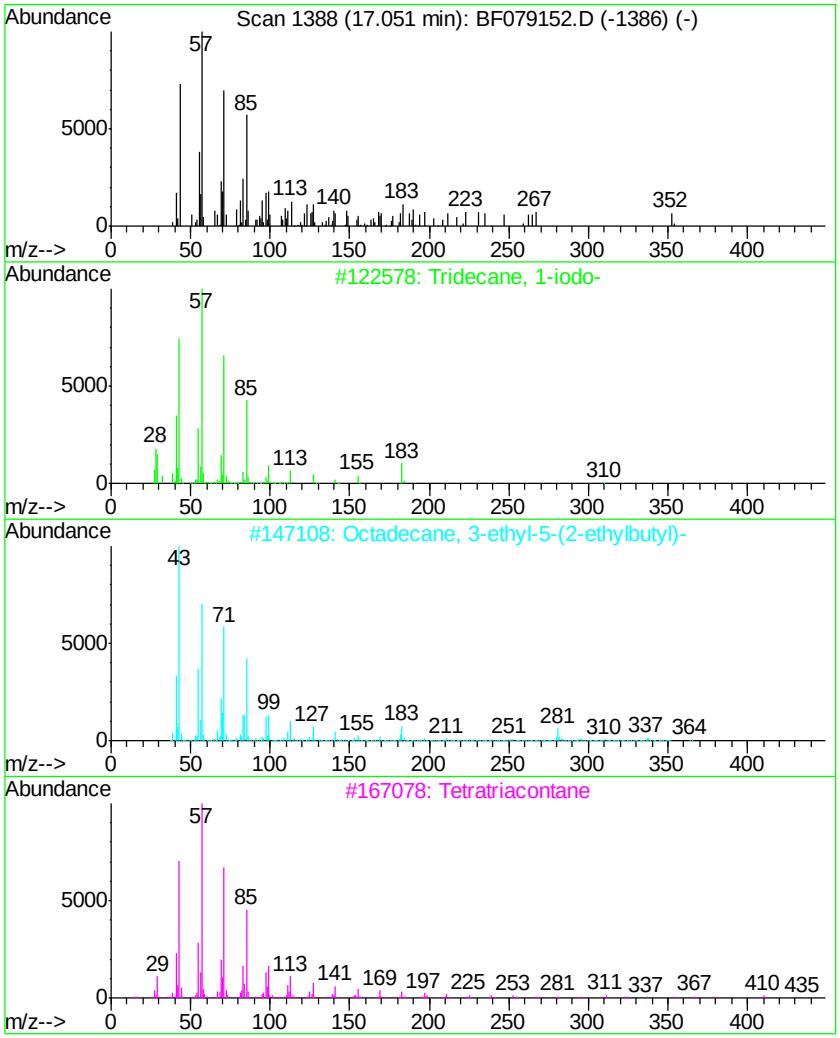
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

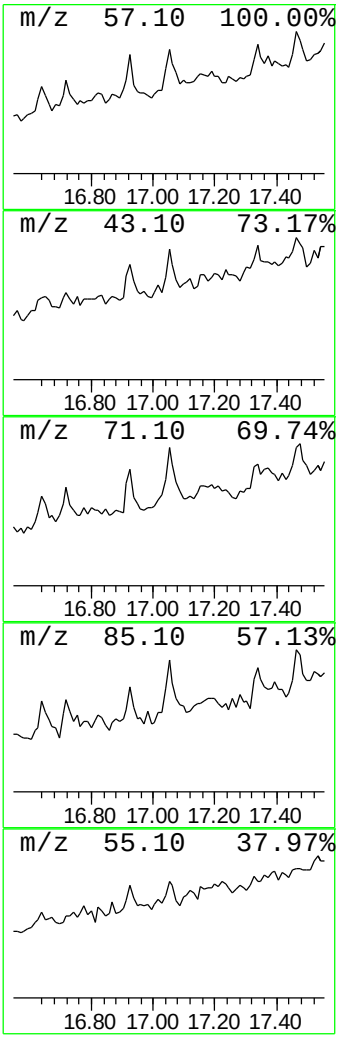
****

Peak Number 10 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	2.30 ng	82516	Chrysene-d12	16.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58
2	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	58
3	Tetratriacontane	479	C34H70	014167-59-0	53
4	Dodecane	170	C12H26	000112-40-3	52
5	Tetratetracontane	619	C44H90	007098-22-8	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079152.D
Acq On : 12 May 2015 10:28
Operator : TP/IZ
Sample : G2176-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-26(0-3)

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
unknown1.45	1.45	364.9	ng	5939360	1	7.30	325583	20.0
Butane, 2-methoxy...	1.76	26.1	ng	424213	1	7.30	325583	20.0
2-Pentanone, 4-hy...	5.10	6.6	ng	107780	1	7.30	325583	20.0
unknown7.02	7.02	111.8	ng	1820710	1	7.30	325583	20.0
1-Nonadecene	16.08	6.1	ng	220082	5	16.21	718467	20.0
Docosane, 9-butyl-	16.50	2.0	ng	72171	5	16.21	718467	20.0
Tridecane, 1-iodo-	17.05	2.3	ng	82516	5	16.21	718467	20.0