LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079146.D
Acq On : 12 May 2015 7:36
Operator : TP/IZ
Sample : G2176-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-29(3-5)

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	5	7	19	rVB	111602	258855	2.08%	0.726%
2	1.427	19	21	24	rBV	3661532	5044121	40.50%	14.148%
3	1.575	31	34	37	rBV	7313934	12455379	100.00%	34.936%
4	1.735	47	48	56	rVB2	260180	423632	3.40%	1.188%
5	1.861	57	59	75	rVB	1275823	2038031	16.36%	5.716%
6	2.147	82	84	102	rVB	245218	476328	3.82%	1.336%
7	5.599	384	386	389	rBV	1219103	1273247	10.22%	3.571%
8	6.867	494	497	499	rBV	1493099	1439745	11.56%	4.038%
9	7.016	507	510	512	rBV	1222810	1431872	11.50%	4.016%
10	7.302	532	535	537	rBV	237105	284023	2.28%	0.797%
11	7.484	549	551	553	rBV	1238323	1100974	8.84%	3.088%
12	7.987	592	595	598	rBV	973763	860628	6.91%	2.414%
13	8.879	670	673	675	rBV	328325	416757	3.35%	1.169%
14	10.216	788	790	793	rBV	1611363	1731504	13.90%	4.857%
15	11.051	860	863	866	rVB	547534	508954	4.09%	1.428%
16	12.033	946	949	951	rBV	1254373	1267749	10.18%	3.556%
17	12.891	1022	1024	1026	rBV	409734	560467	4.50%	1.572%
18	14.399	1154	1156	1158	rBV	124461	200633	1.61%	0.563%
19	14.445	1158	1160	1162	rBV	113662	184811	1.48%	0.518%
20	14.891	1197	1199	1201	rBV	1478381	2041985	16.39%	5.728%
21	16.194	1311	1313	1317	rBV2	627225	1047262	8.41%	2.937%
22	17.005	1382	1384	1387	rVB	380181	604978	4.86%	1.697%

Sum of corrected areas: 35651935

LSC Report - Integrated Chromatogram

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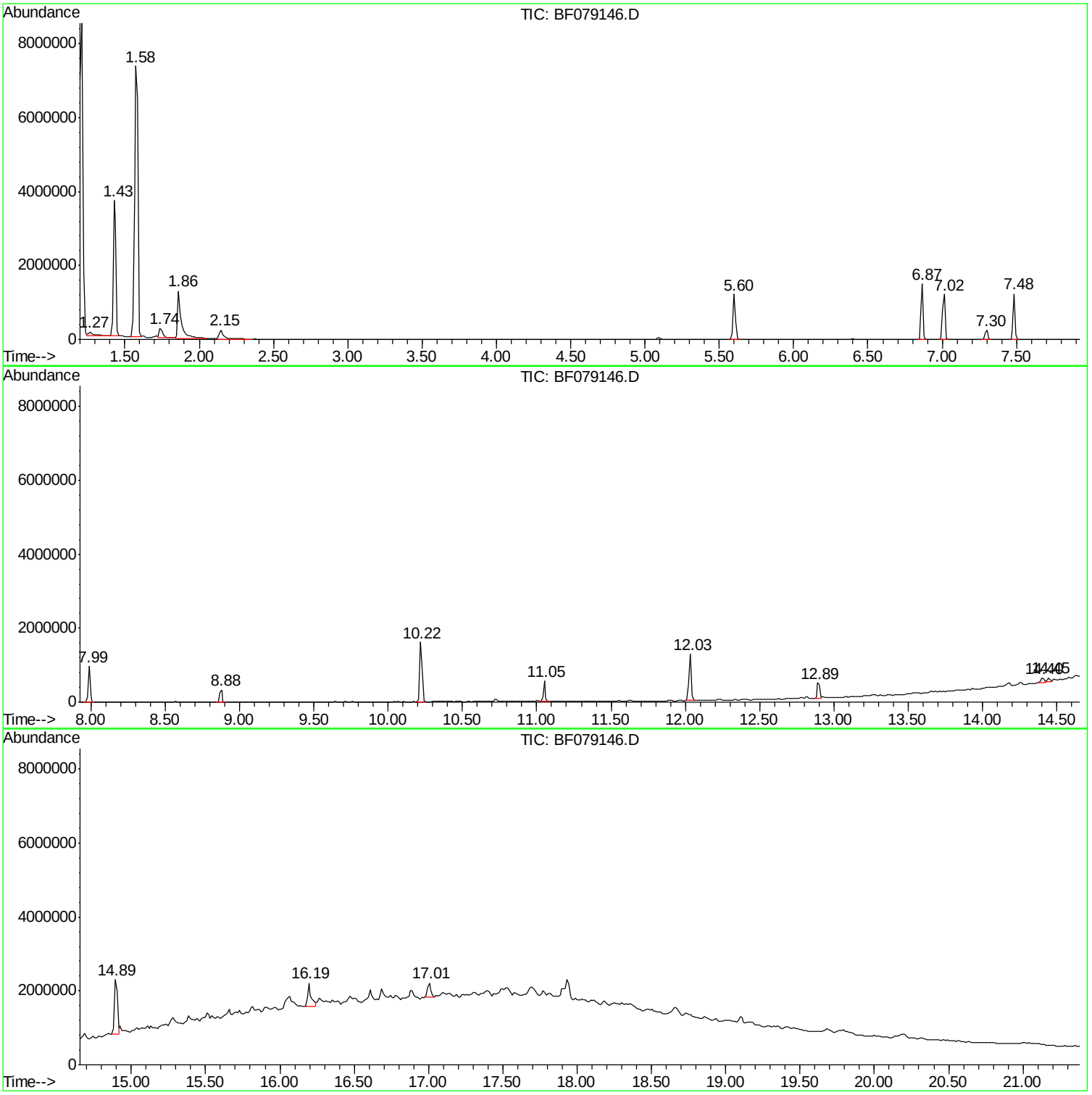
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-29(3-5)

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\BF051115\
Data File : BF079146.D
Acq On : 12 May 2015 7:36
Operator : TP/IZ
Sample : G2176-07
Misc :
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Instrument : BNA_F
ClientSampleId : PS-29(3-5)

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

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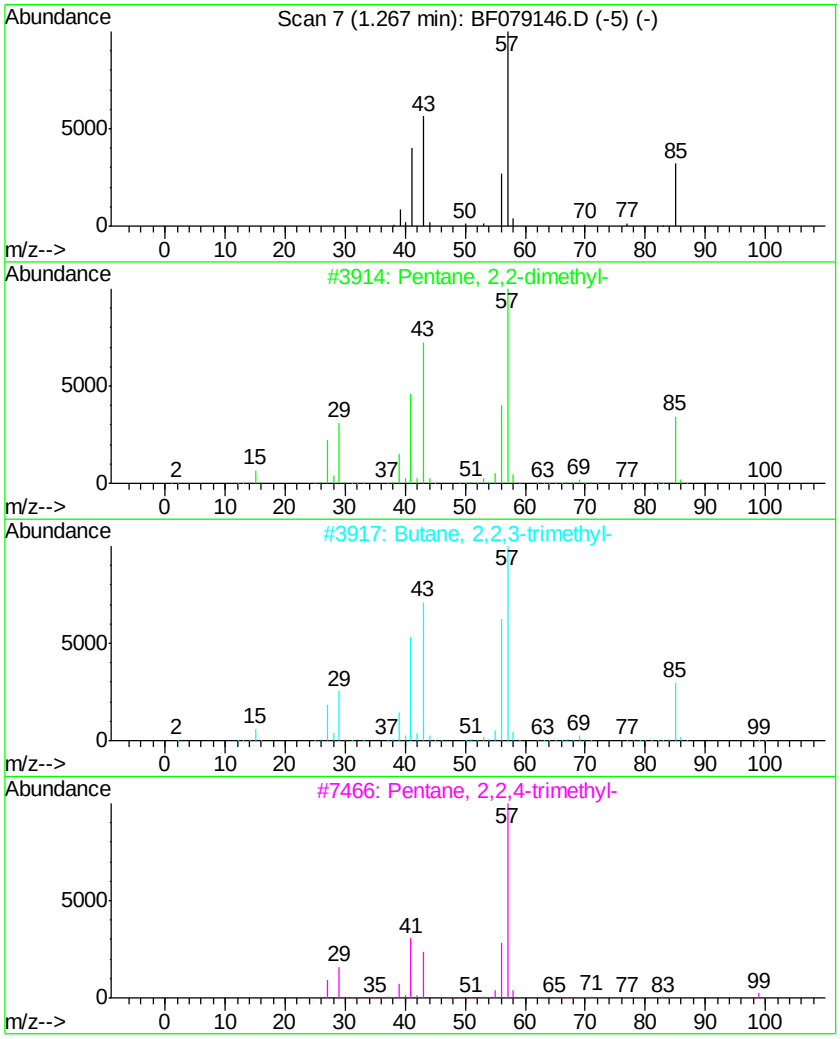
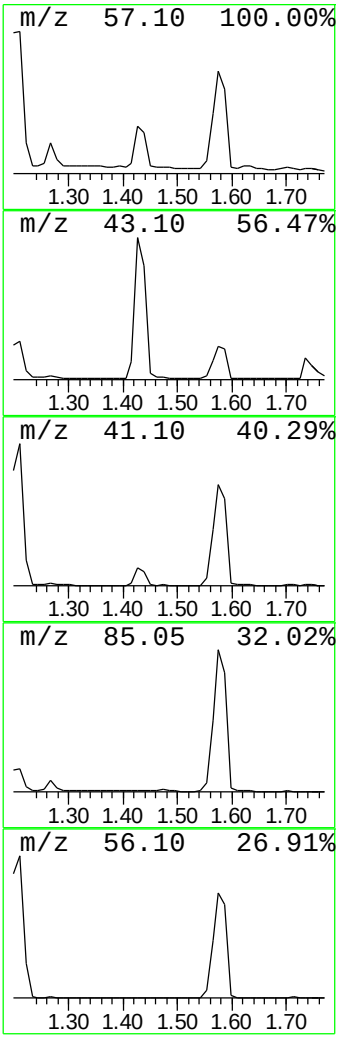
Peak Number 1 Pentane, 2,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.27	18.23 ng	258855	1,4-Dichlorobenzene-d4	7.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	36
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	9
4	Pentanoic acid, 3-methyl-2-oxo-,...	144	C7H12O3	003682-42-6	9
5	2-Butanone, 1-chloro-3,3-dimethyl-	134	C6H11ClO	013547-70-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079146.D
Acq On : 12 May 2015 7:36
Operator : TP/IZ
Sample : G2176-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-29(3-5)

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

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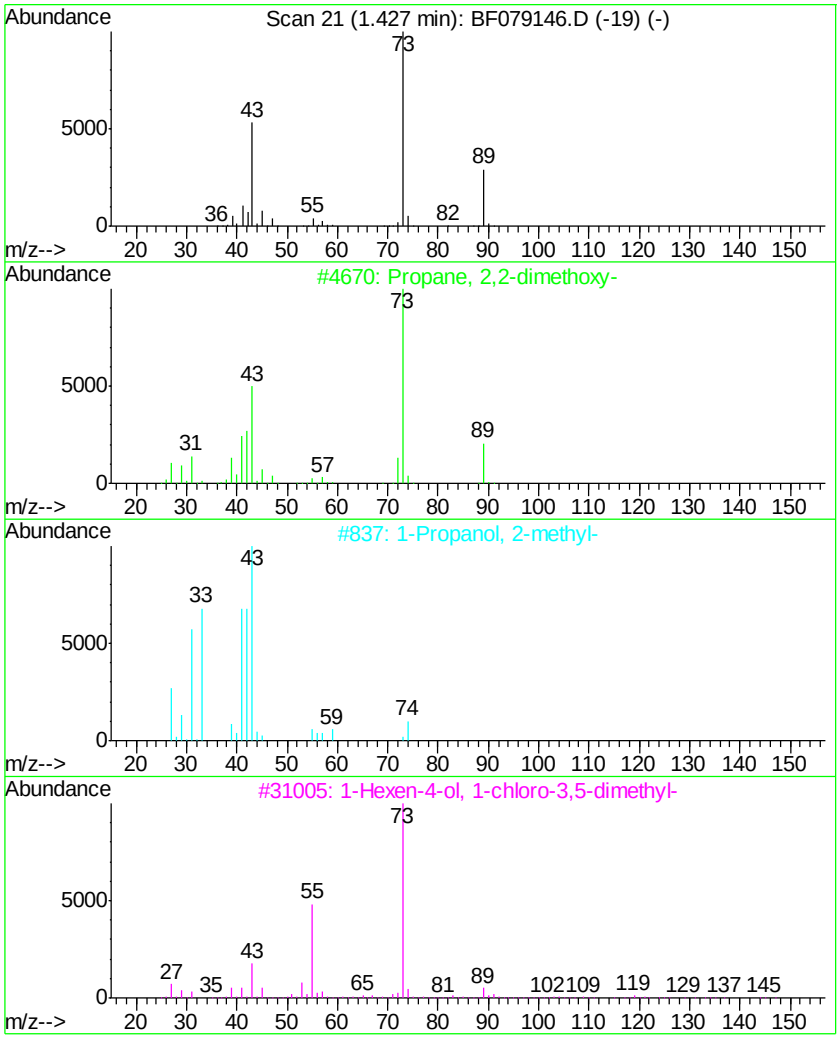
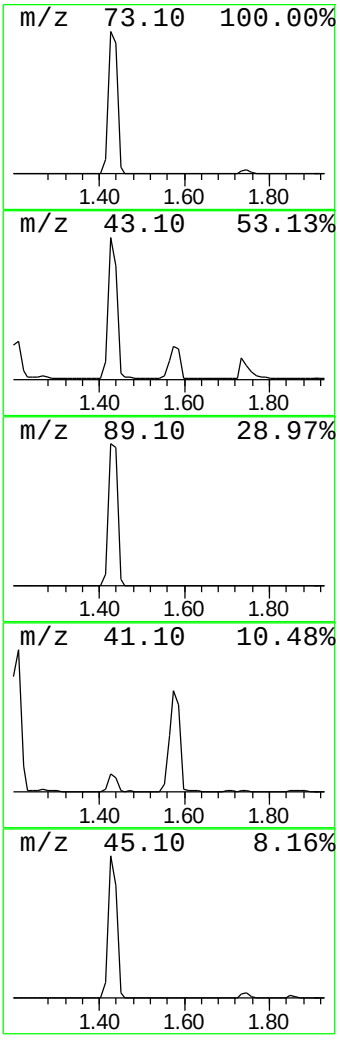
Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.43	355.19 ng	5044120	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	72
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079146.D
Acq On : 12 May 2015 7:36
Operator : TP/IZ
Sample : G2176-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-29(3-5)

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

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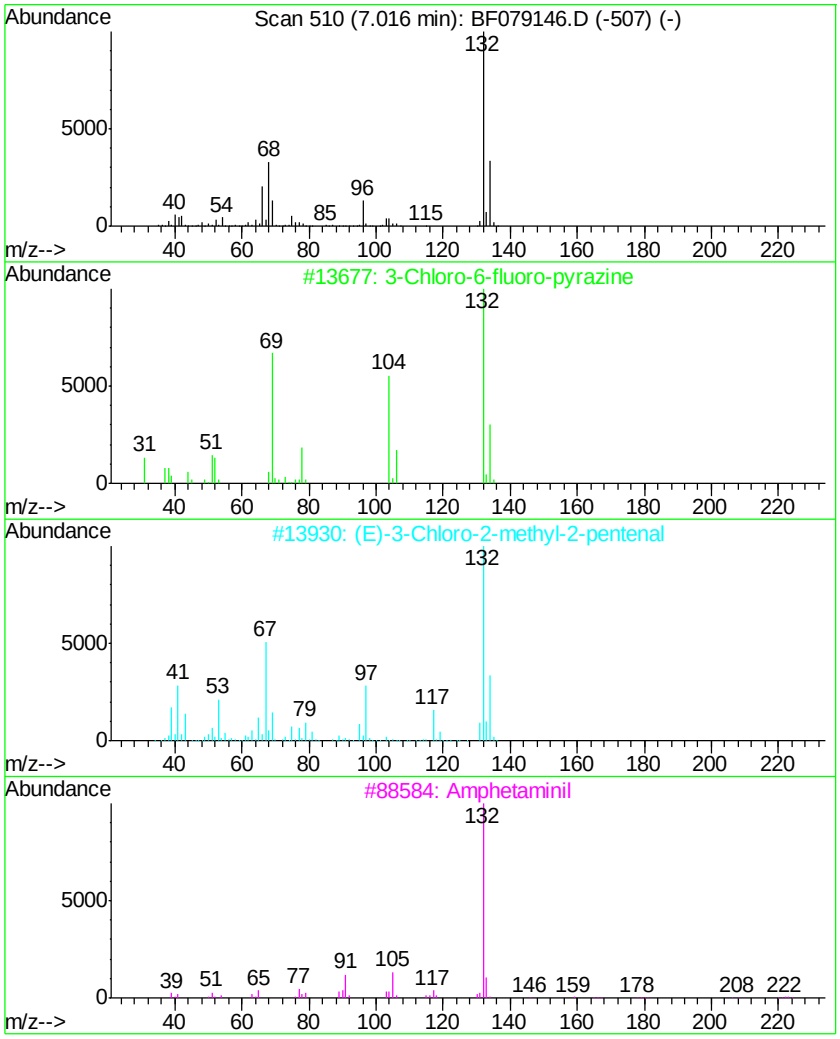
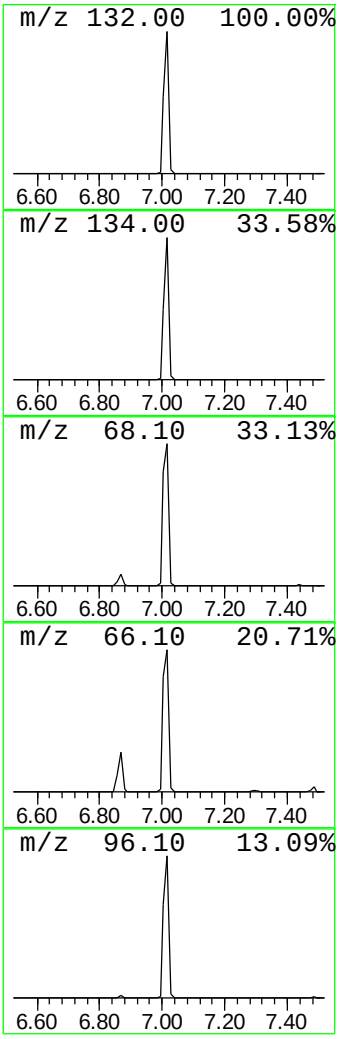
Peak Number 7 unknown7.02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	100.83 ng	1431870	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	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





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Sample : G2176-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-29(3-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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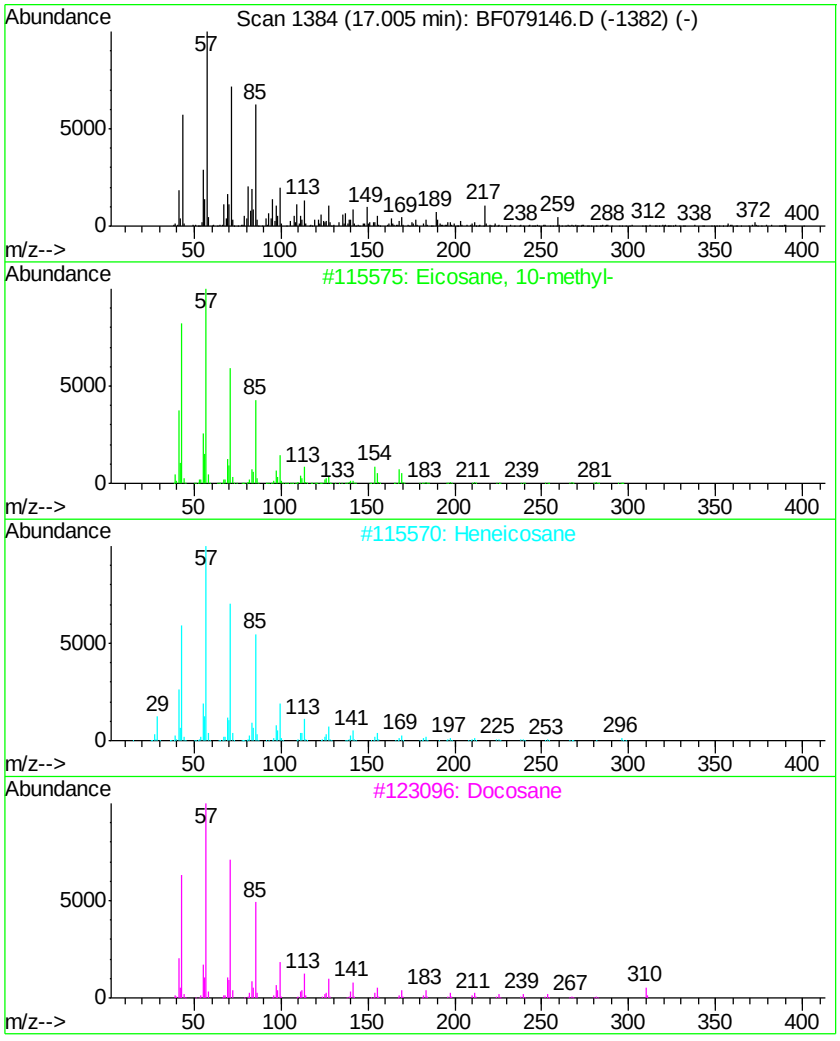
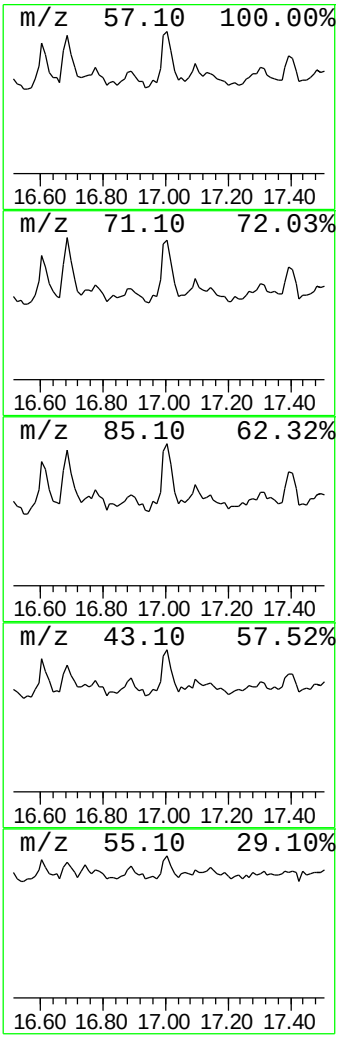
Peak Number 9 Eicosane, 10-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	11.55 ng	604978	Chrysene-d12	16.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	95
2	Heneicosane	296	C21H44	000629-94-7	76
3	Docosane	310	C22H46	000629-97-0	76
4	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	76
5	Eicosane	282	C20H42	000112-95-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079146.D
Acq On : 12 May 2015 7:36
Operator : TP/IZ
Sample : G2176-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-29(3-5)

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
Pentane, 2,2-dime...	1.27	18.2	ng	258855	1	7.30	284023	20.0
Propane, 2,2-dime...	1.43	355.2	ng	5044120	1	7.30	284023	20.0
unknown7.02	7.02	100.8	ng	1431870	1	7.30	284023	20.0
Eicosane, 10-methyl-	17.01	11.6	ng	604978	5	16.19	1047260	20.0