LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079728.D
Acq On : 5 Jun 2015 5:41
Operator : TP/IZ
Sample : G2474-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-7

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-BF060415.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	1.484	24	26	45	rVB4	243407	1072932	52.78%	5.715%
2	2.261	92	94	108	rVB	85926	231244	11.38%	1.232%
3	2.456	108	111	125	rVB	460214	964119	47.43%	5.135%
4	2.913	148	151	156	rVB	153453	221368	10.89%	1.179%
5	6.125	430	432	434	rBV	1418073	1183235	58.21%	6.302%
6	7.096	515	517	520	rBV	1193128	1135886	55.88%	6.050%
7	7.279	530	533	535	rBV	1029735	1228378	60.43%	6.543%
8	7.508	551	553	555	rVB	469356	375250	18.46%	1.999%
9	7.668	565	567	569	rBV	1238797	997672	49.08%	5.314%
10	8.056	599	601	604	rBV	543751	631042	31.04%	3.361%
11	8.799	664	666	669	rBV	615065	506332	24.91%	2.697%
12	9.873	758	760	762	rVB	2094838	1639703	80.66%	8.733%
13	10.571	819	821	824	rBV	428165	573340	28.20%	3.054%
14	11.371	888	891	893	rBV	1023560	909379	44.74%	4.844%
15	12.091	951	954	957	rBV	498288	772366	38.00%	4.114%
16	13.360	1063	1065	1067	rBV	253838	273111	13.44%	1.455%
17	13.622	1083	1088	1090	rBV	242297	303972	14.95%	1.619%
18	13.760	1097	1100	1102	rBV	2037048	2032761	100.00%	10.827%
19	14.777	1187	1189	1192	rBV2	206929	231355	11.38%	1.232%
20	15.017	1207	1210	1212	rBV2	809926	1041330	51.23%	5.546%
21	16.194	1311	1313	1316	rVB	118553	175866	8.65%	0.937%
22	16.377	1326	1329	1334	rBV	124919	346082	17.03%	1.843%
23	16.491	1334	1339	1344	rVV3	152655	417463	20.54%	2.223%
24	16.960	1377	1380	1383	rBV	550316	858830	42.25%	4.574%
25	17.600	1433	1436	1439	rBV	109841	188667	9.28%	1.005%
26	18.709	1530	1533	1544	rVB4	68006	196691	9.68%	1.048%
27	18.960	1551	1555	1563	rBV2	56981	266845	13.13%	1.421%

Sum of corrected areas: 18775219

LSC Report - Integrated Chromatogram

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Data File : BF079728.D
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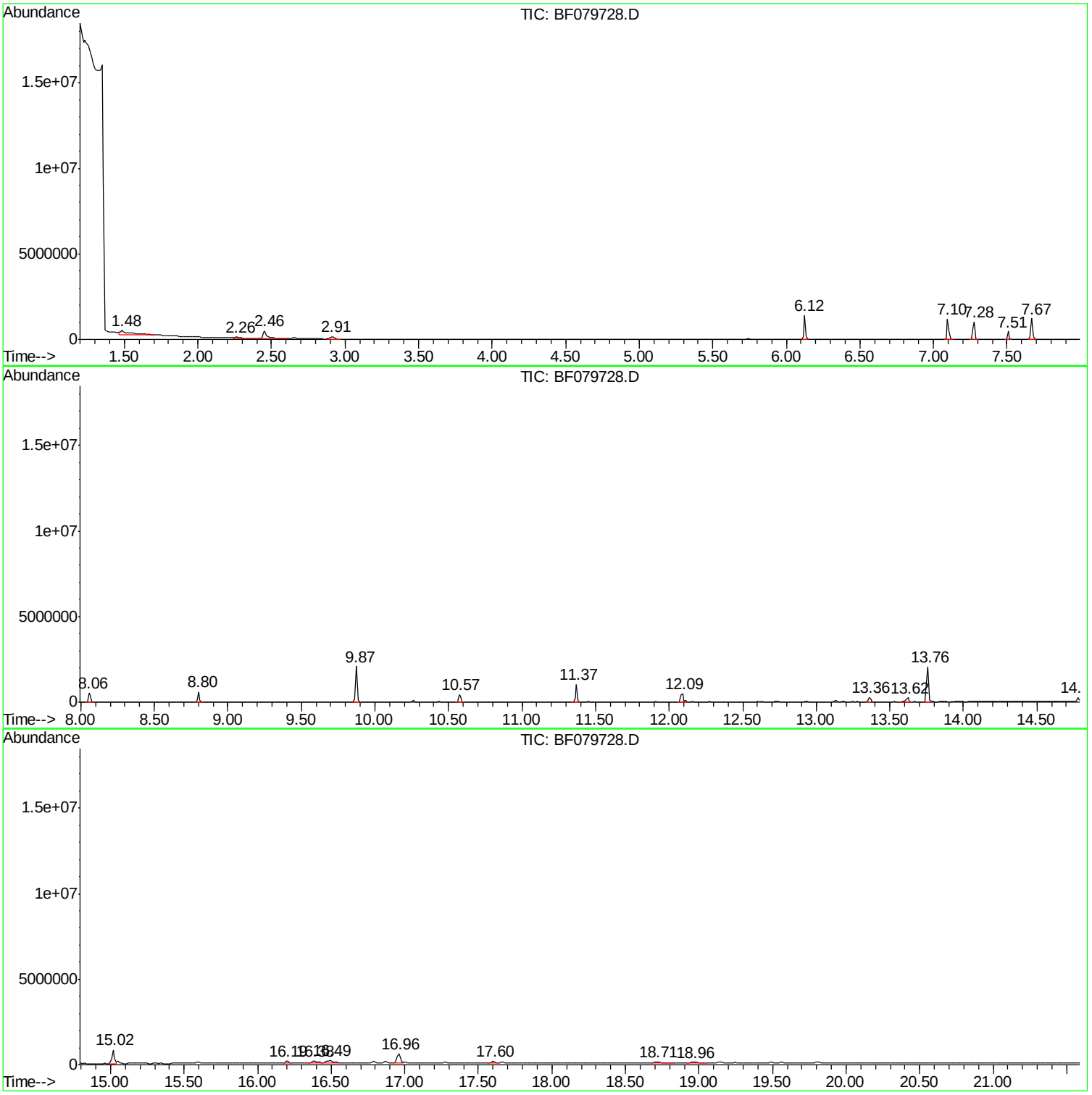
Operator : TP/IZ
Sample : G2474-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.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\BF060415\
Data File : BF079728.D
Acq On : 5 Jun 2015 5:41
Operator : TP/IZ
Sample : G2474-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.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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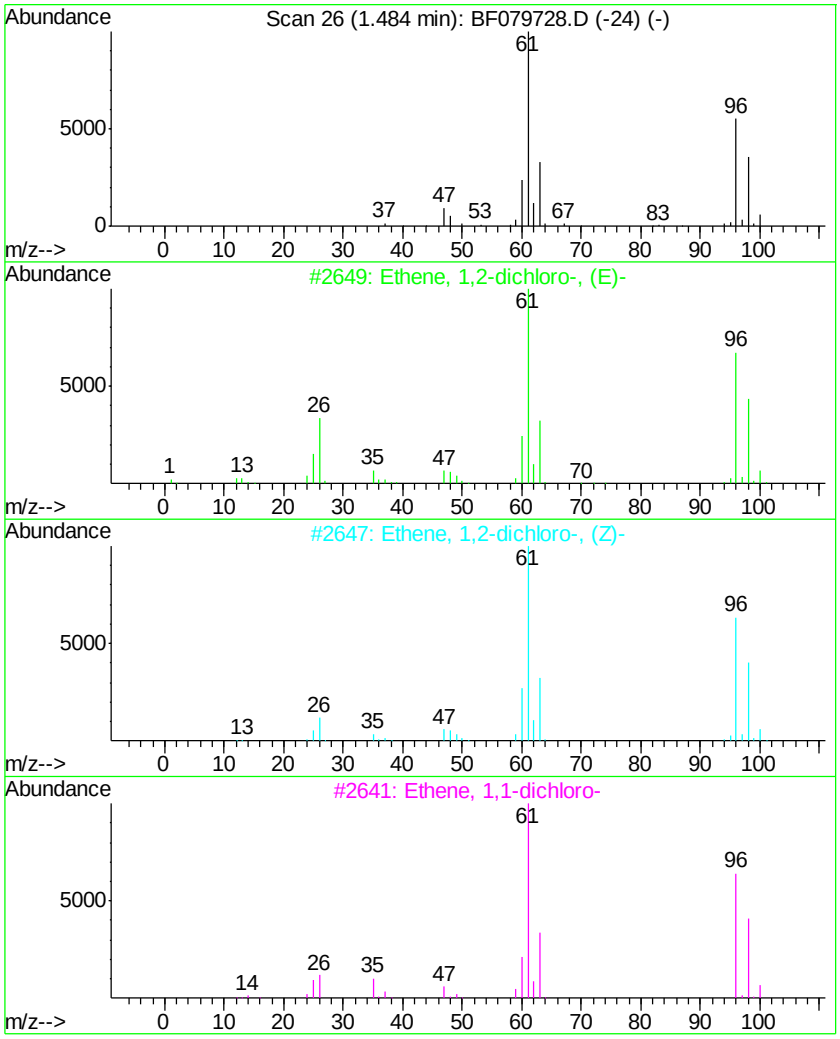
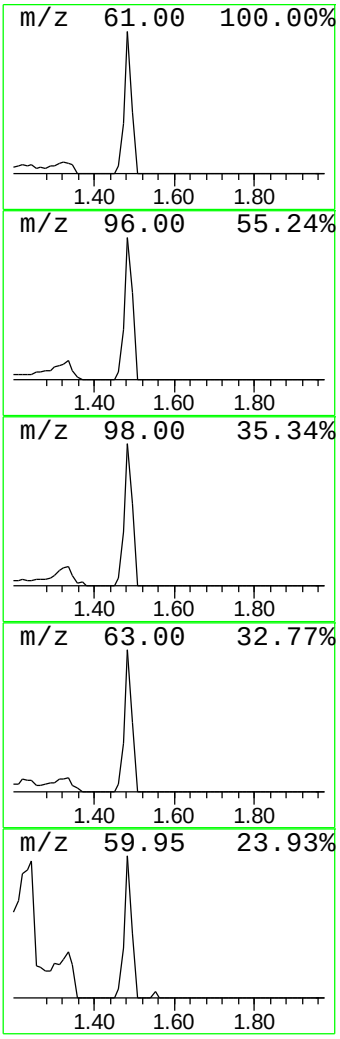
Peak Number 1 Ethene, 1,2-dichloro-, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	57.18 ng	1072930	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	95
2	Ethene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	95
3	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	91
4	1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	90
5	Chloromethylmethyl sulfide	96	C2H5ClS	002373-51-5	49





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Data File : BF079728.D
Acq On : 5 Jun 2015 5:41
Operator : TP/IZ
Sample : G2474-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.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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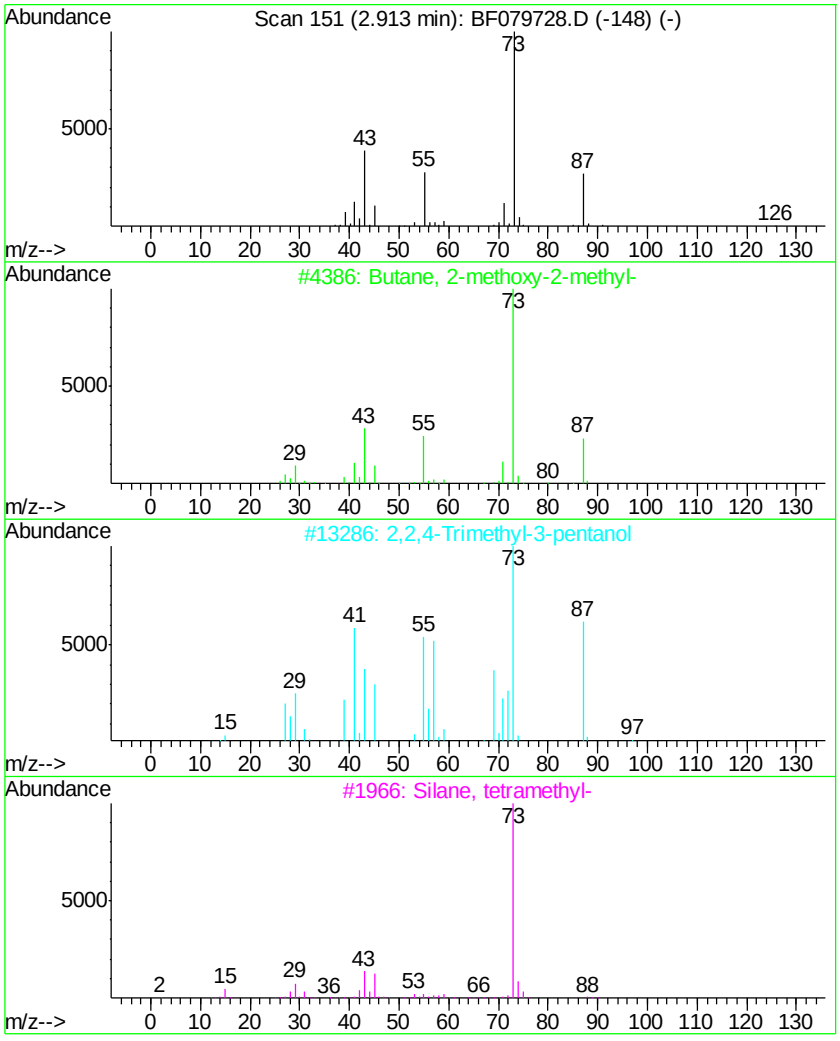
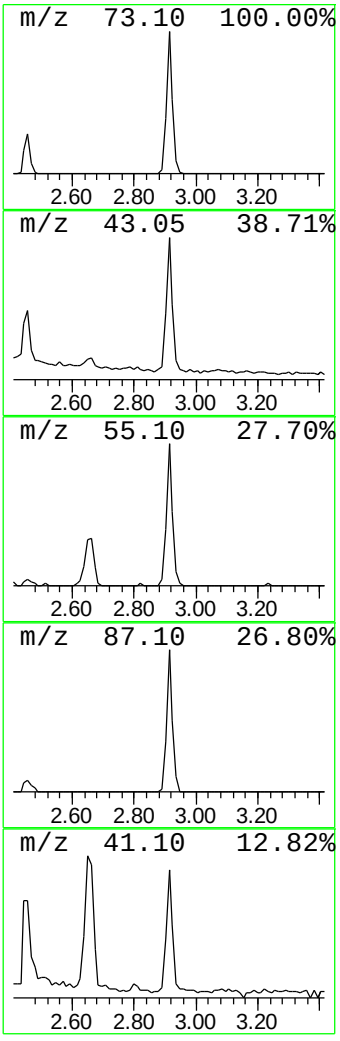
Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	11.80 ng	221368	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079728.D
Acq On : 5 Jun 2015 5:41
Operator : TP/IZ
Sample : G2474-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.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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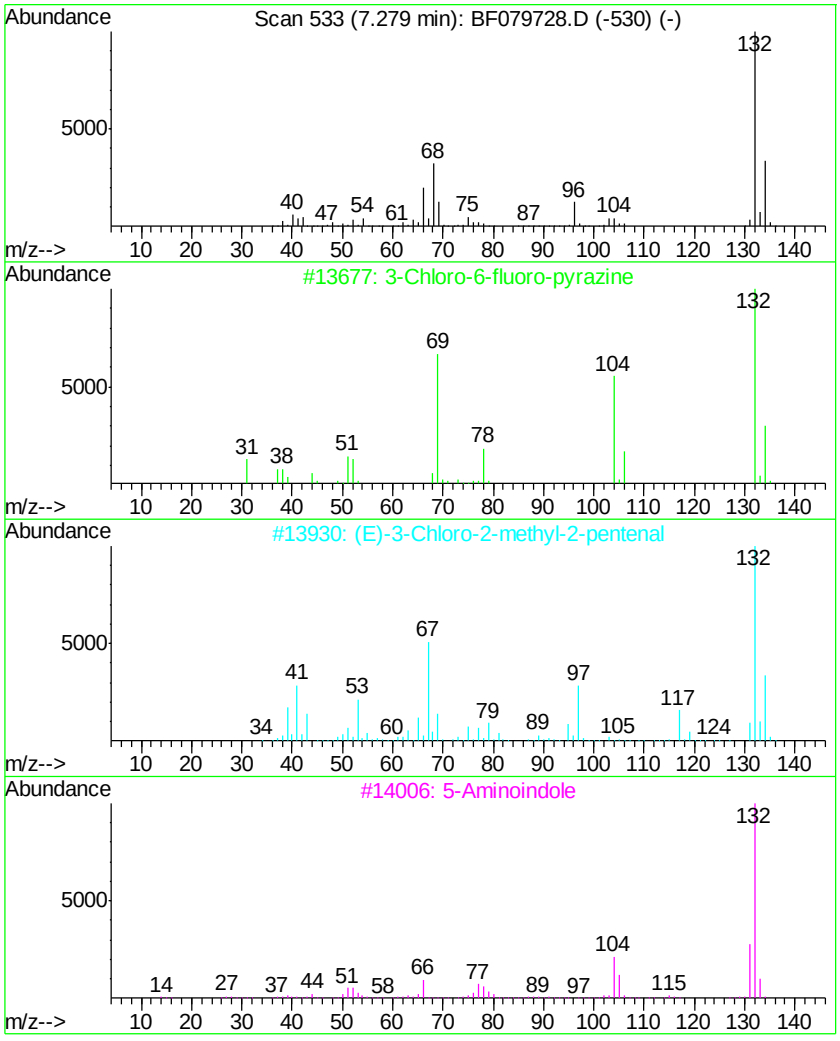
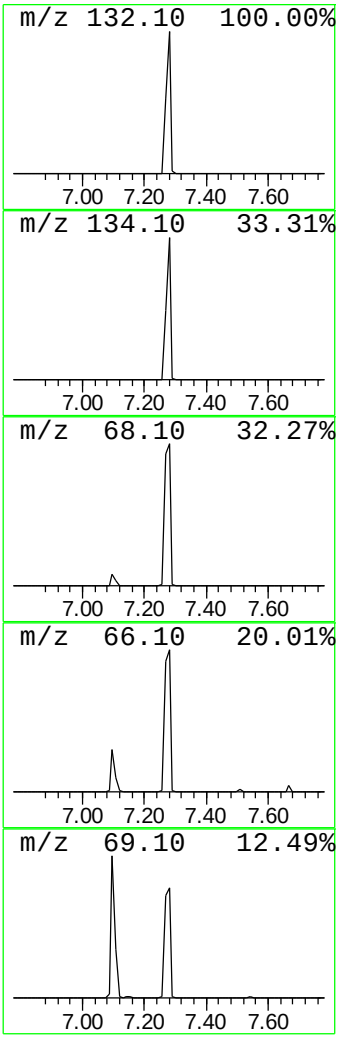
Peak Number 5 unknown7.28 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	65.47 ng	1228380	1,4-Dichlorobenzene-d4	7.51

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	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BF079728.D
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Operator : TP/IZ
Sample : G2474-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.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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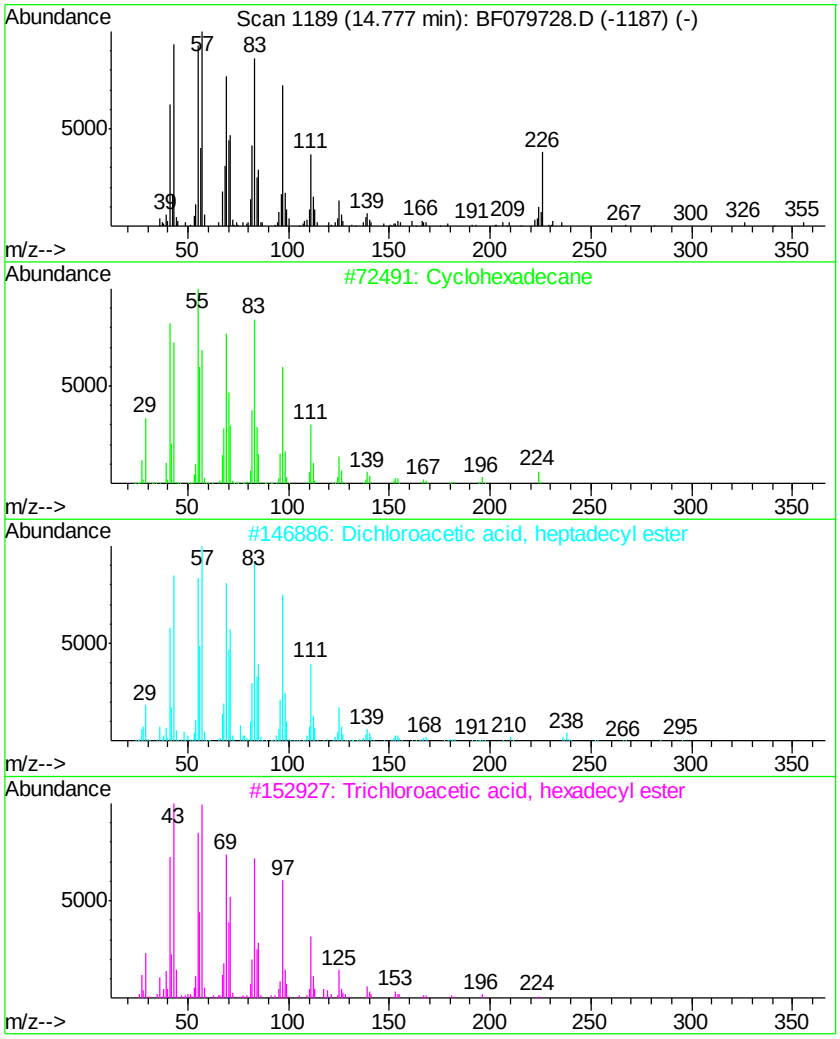
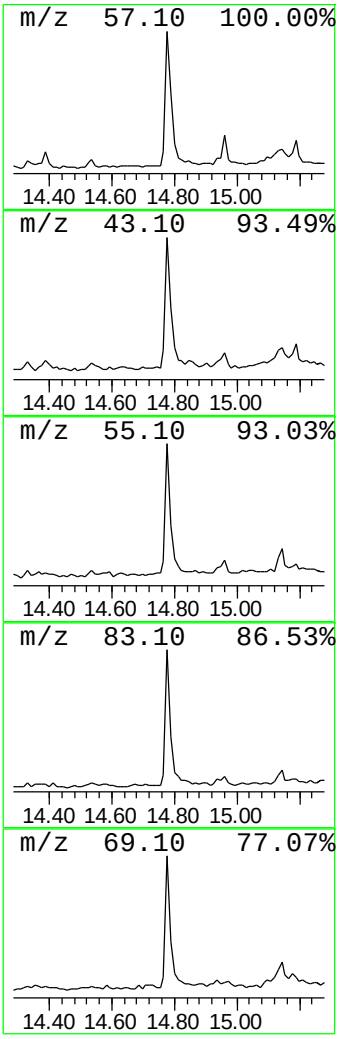
Peak Number 7 Cyclohexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	4.44 ng	231355	Chrysene-d12	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	87





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Sample : G2474-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.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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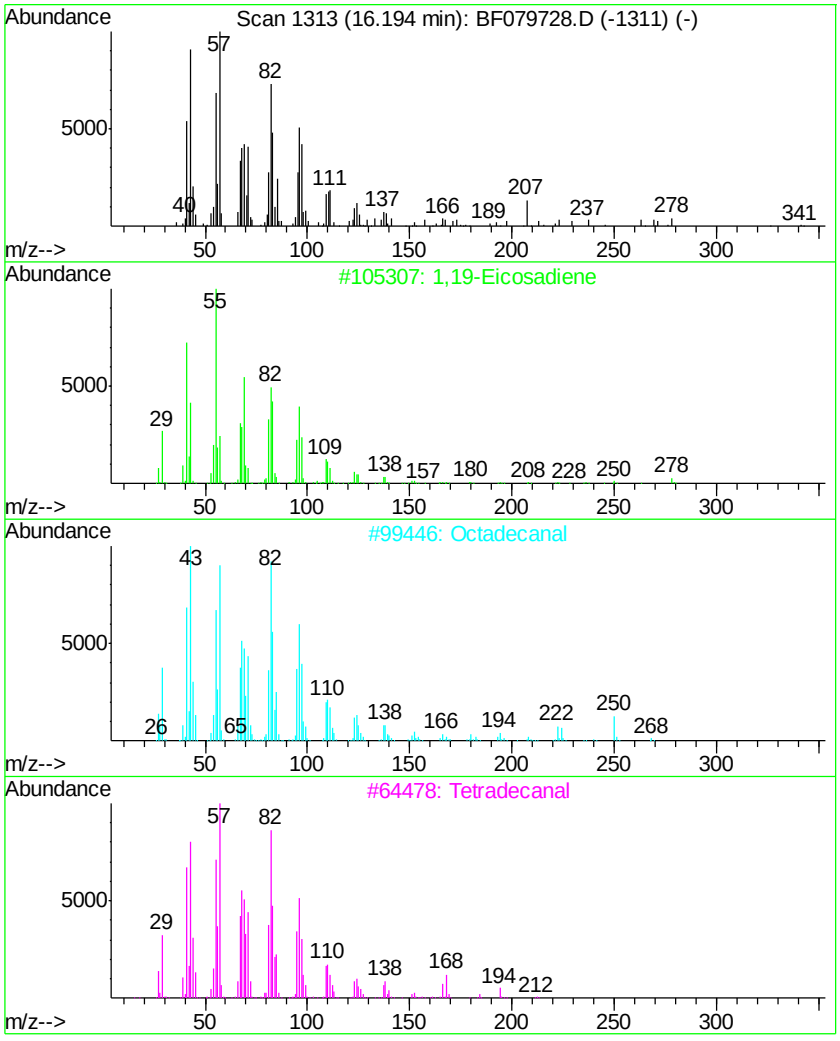
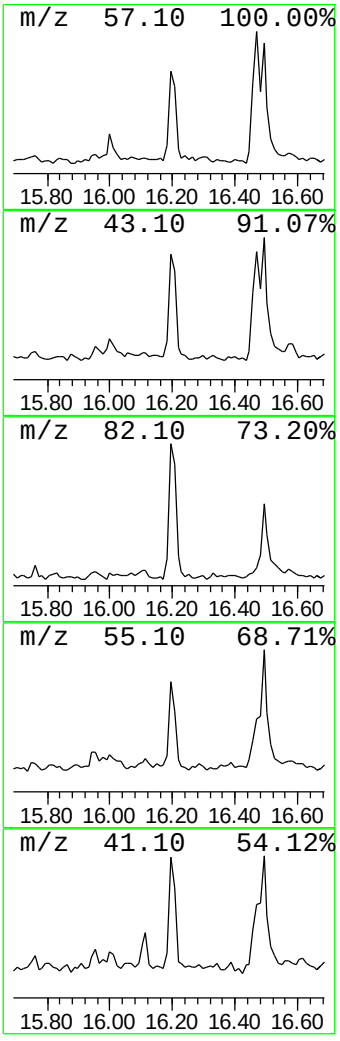
Peak Number 8 1,19-Eicosadiene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	4.10 ng	175866	Perylene-d12	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Tetradecanal	212	C14H28O	000124-25-4	90
4	12-Octadecenal	266	C18H34O	056554-91-7	90
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87





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Sample : G2474-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.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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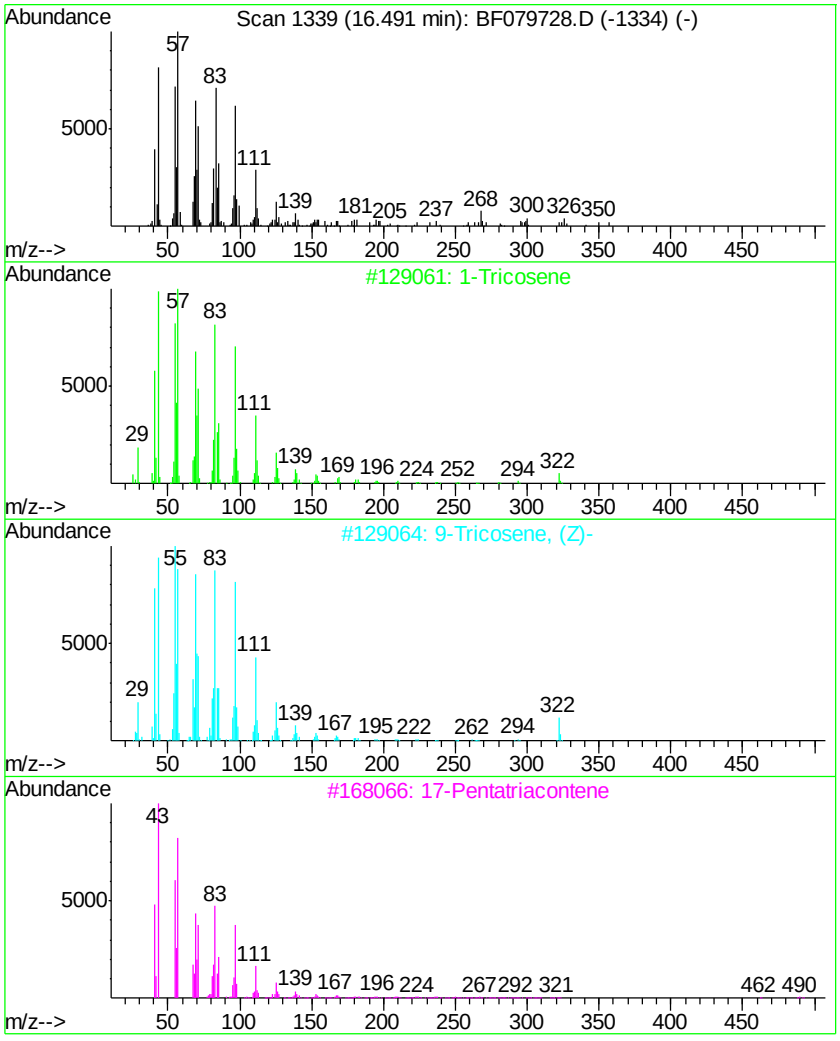
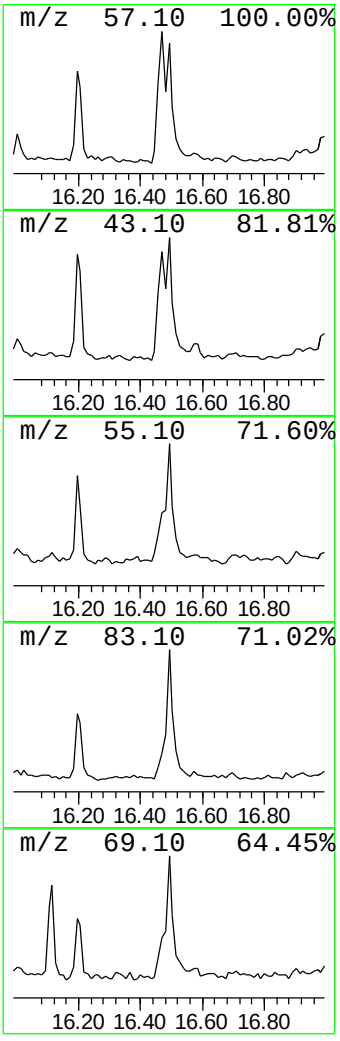
Peak Number 9 1-Tricosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	9.72 ng	417463	Perylene-d12	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	98
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3	17-Pentatriacontene	491	C35H70	006971-40-0	90
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90





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Sample : G2474-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.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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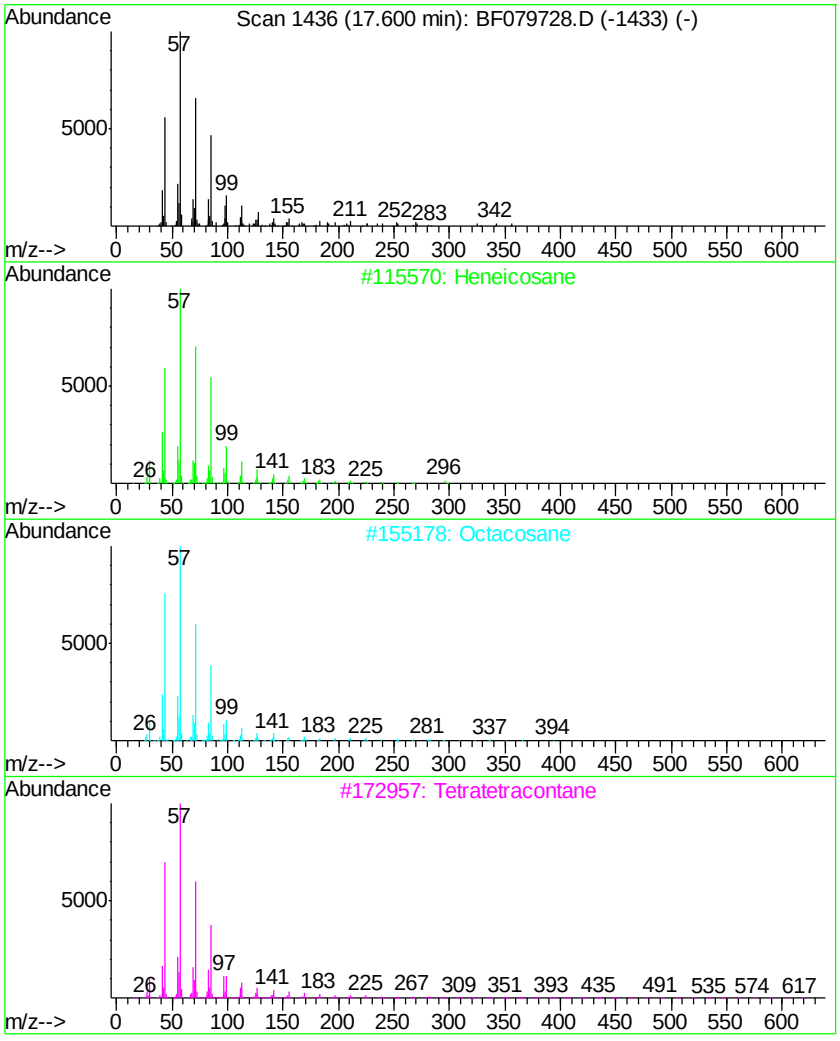
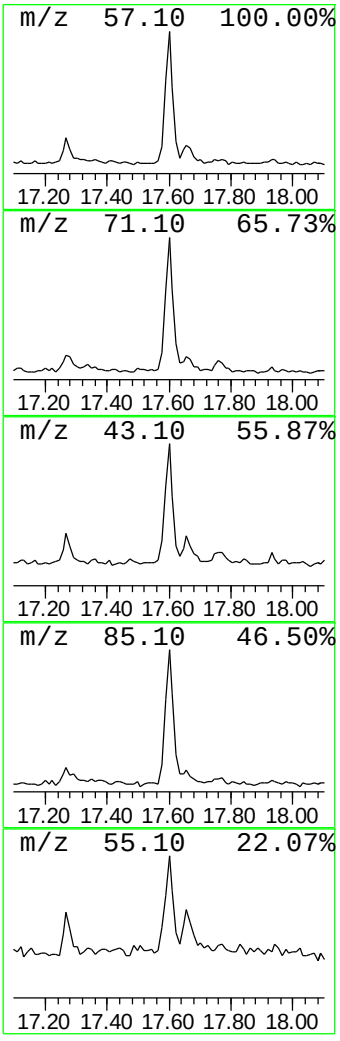
Peak Number 10 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	4.39 ng	188667	Perylene-d12	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Nonacosane	408	C29H60	000630-03-5	90
5	Triacontane	422	C30H62	000638-68-6	87





Tentatively Identified Compound (LSC) summary

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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
Ethene, 1,2-dichl...	1.48	57.2	ng	1072930	1	7.51	375250	20.0
Butane, 2-methoxy...	2.91	11.8	ng	221368	1	7.51	375250	20.0
unknown7.28	7.28	65.5	ng	1228380	1	7.51	375250	20.0
Cyclohexadecane	14.78	4.4	ng	231355	5	15.02	1041330	20.0
1,19-Eicosadiene	16.19	4.1	ng	175866	6	16.96	858830	20.0
1-Tricosene	16.49	9.7	ng	417463	6	16.96	858830	20.0
Heneicosane	17.60	4.4	ng	188667	6	16.96	858830	20.0