LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079357.D
Acq On : 20 May 2015 00:39
Operator : TP/IZ
Sample : G2270-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20

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	10	rVB	1175480	1171360	21.91%	6.659%
2	1.392	15	18	27	rVB	85657	212461	3.97%	1.208%
3	1.552	30	32	39	rVB	130487	186456	3.49%	1.060%
4	1.644	39	40	48	rBV	393388	618158	11.56%	3.514%
5	1.758	48	50	90	rVB	2596647	5345705	100.00%	30.391%
6	4.878	322	323	331	rVB	73864	103772	1.94%	0.590%
7	5.404	367	369	372	rBV	695771	919069	17.19%	5.225%
8	6.696	480	482	485	rBV	960799	944185	17.66%	5.368%
9	6.833	492	494	497	rBV	869240	999479	18.70%	5.682%
10	7.130	517	520	522	rBV	207493	239876	4.49%	1.364%
11	7.313	534	536	538	rBV	798077	750660	14.04%	4.268%
12	7.816	578	580	583	rBV	489679	586712	10.98%	3.336%
13	8.707	655	658	660	rBV	232470	325887	6.10%	1.853%
14	10.045	773	775	778	rBV	962271	1068509	19.99%	6.075%
15	10.559	818	820	822	rBV	60198	57988	1.08%	0.330%
16	10.868	845	847	850	rVB	315133	374044	7.00%	2.126%
17	11.851	930	933	936	rBV	729659	736248	13.77%	4.186%
18	12.708	1006	1008	1011	rBV	351786	408900	7.65%	2.325%
19	14.708	1180	1183	1186	rBV	1240866	1186515	22.20%	6.746%
20	15.885	1283	1286	1293	rBV	132133	227370	4.25%	1.293%
21	16.000	1293	1296	1298	rBV	377999	457729	8.56%	2.602%
22	16.697	1354	1357	1361	rVB	40079	58222	1.09%	0.331%
23	17.463	1422	1424	1426	rBV	52586	74125	1.39%	0.421%
24	17.714	1444	1446	1449	rBV	327563	478782	8.96%	2.722%
25	18.263	1492	1494	1497	rBV	36135	57464	1.07%	0.327%

Sum of corrected areas: 17589676

LSC Report - Integrated Chromatogram

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Data File : BF079357.D
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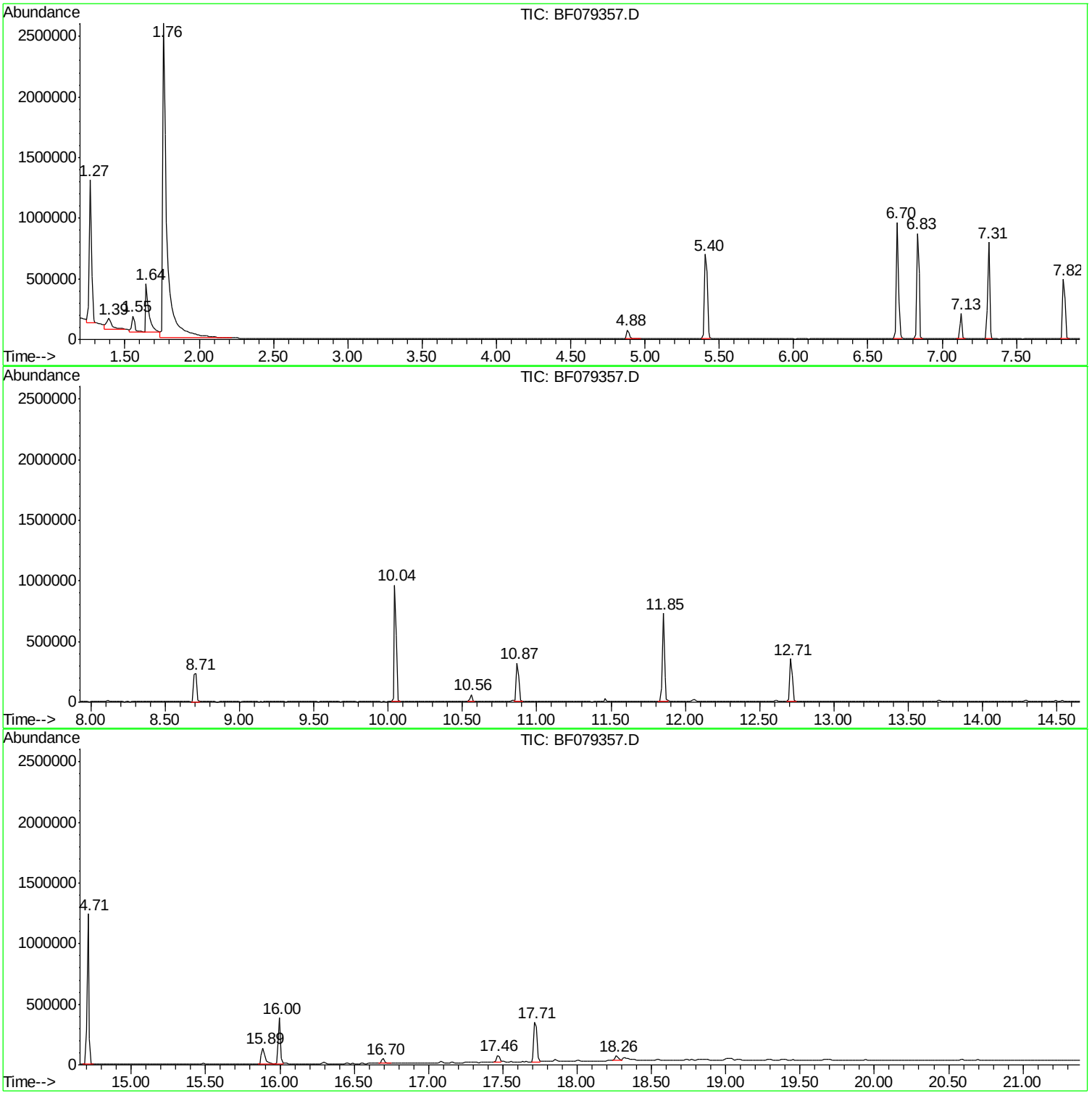
Operator : TP/IZ
Sample : G2270-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079357.D
Acq On : 20 May 2015 00:39
Operator : TP/IZ
Sample : G2270-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20

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

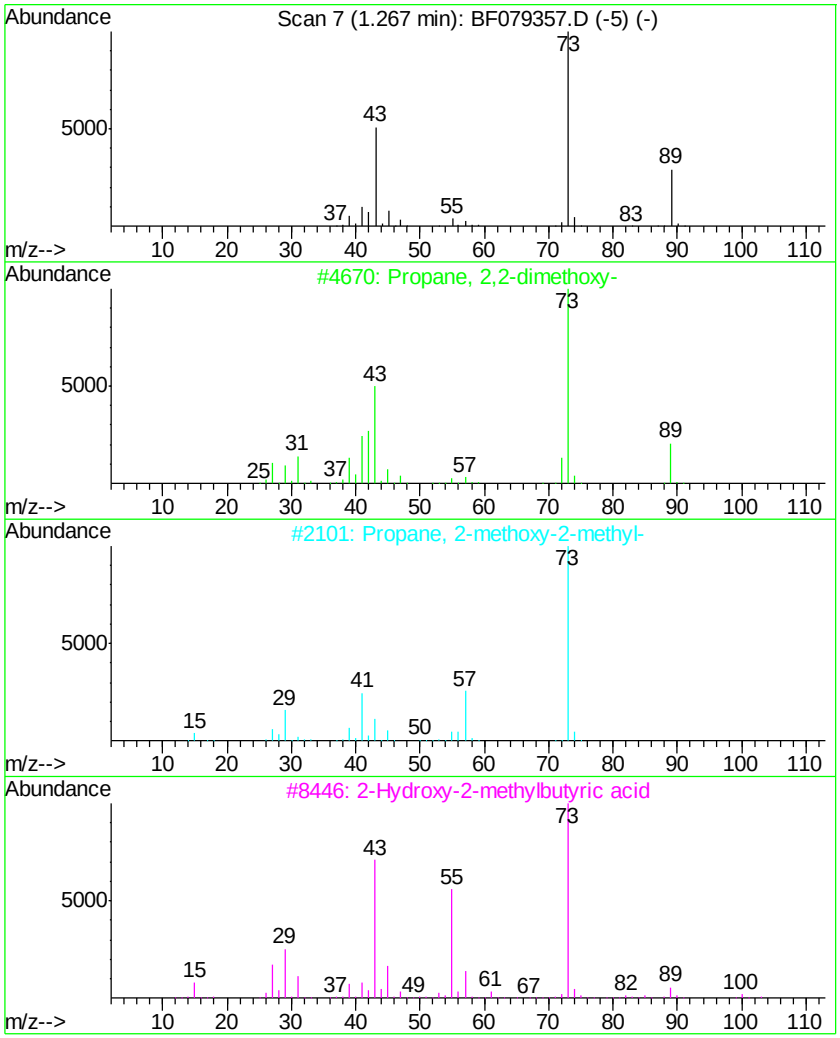
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

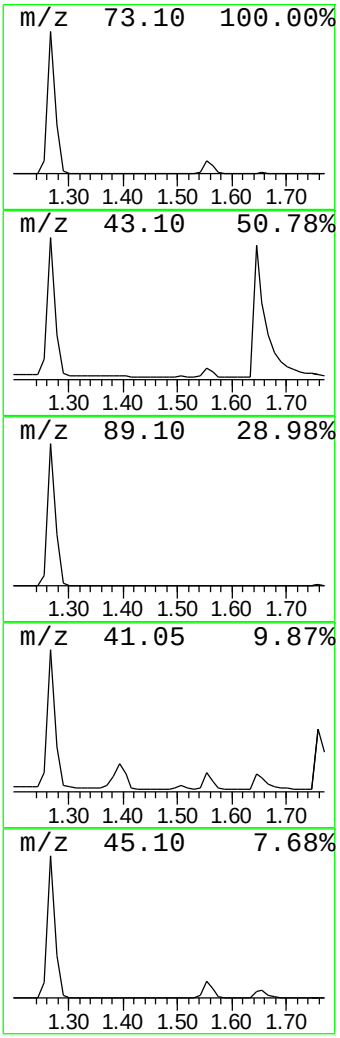
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.27	97.66 ng	1171360	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7





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Data File : BF079357.D
Acq On : 20 May 2015 00:39
Operator : TP/IZ
Sample : G2270-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20

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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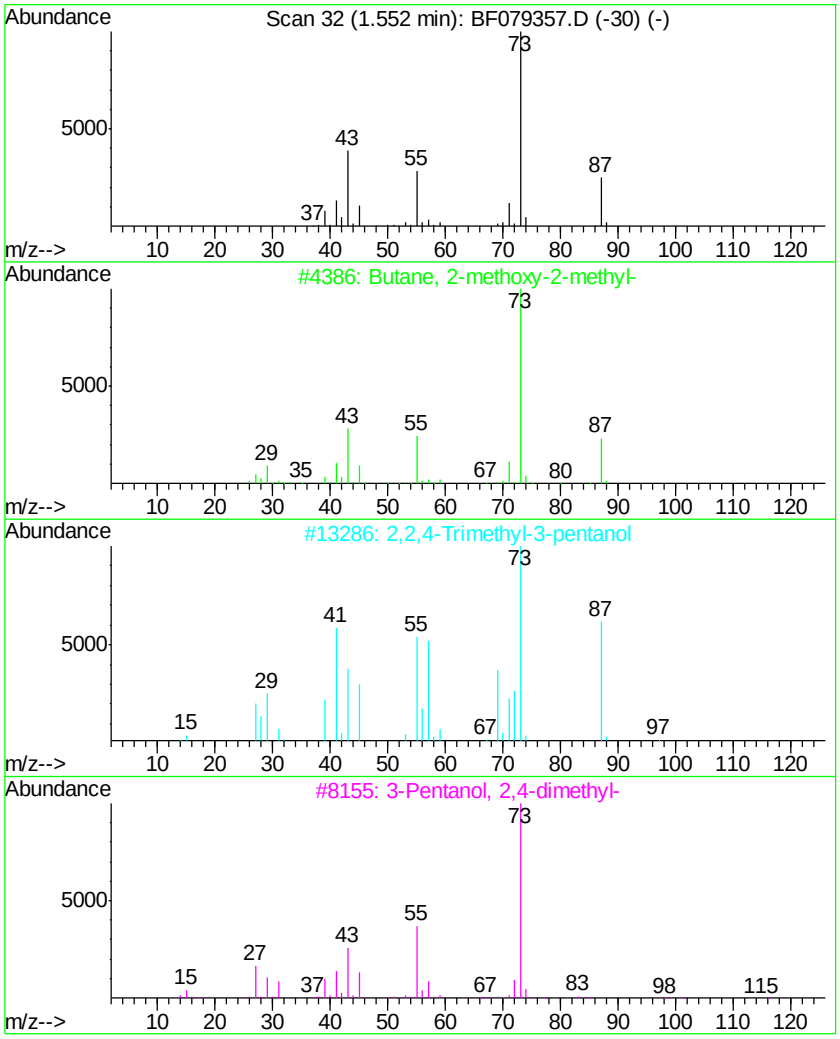
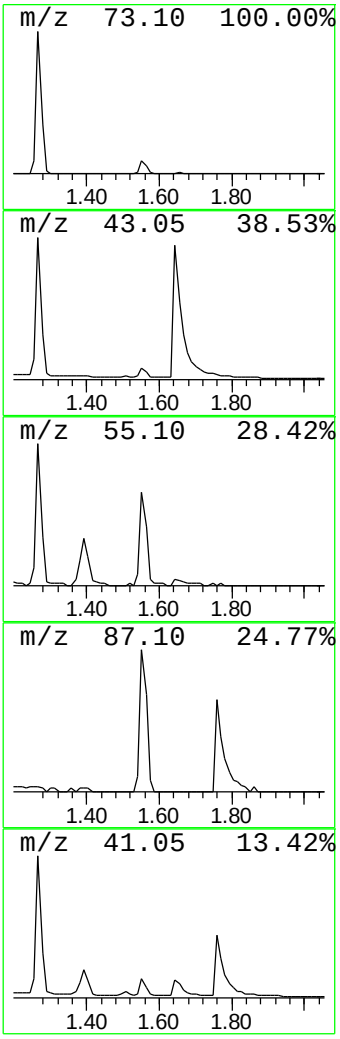
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.55	15.55 ng	186456	1,4-Dichlorobenzene-d4	7.13

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	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079357.D
Acq On : 20 May 2015 00:39
Operator : TP/IZ
Sample : G2270-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20

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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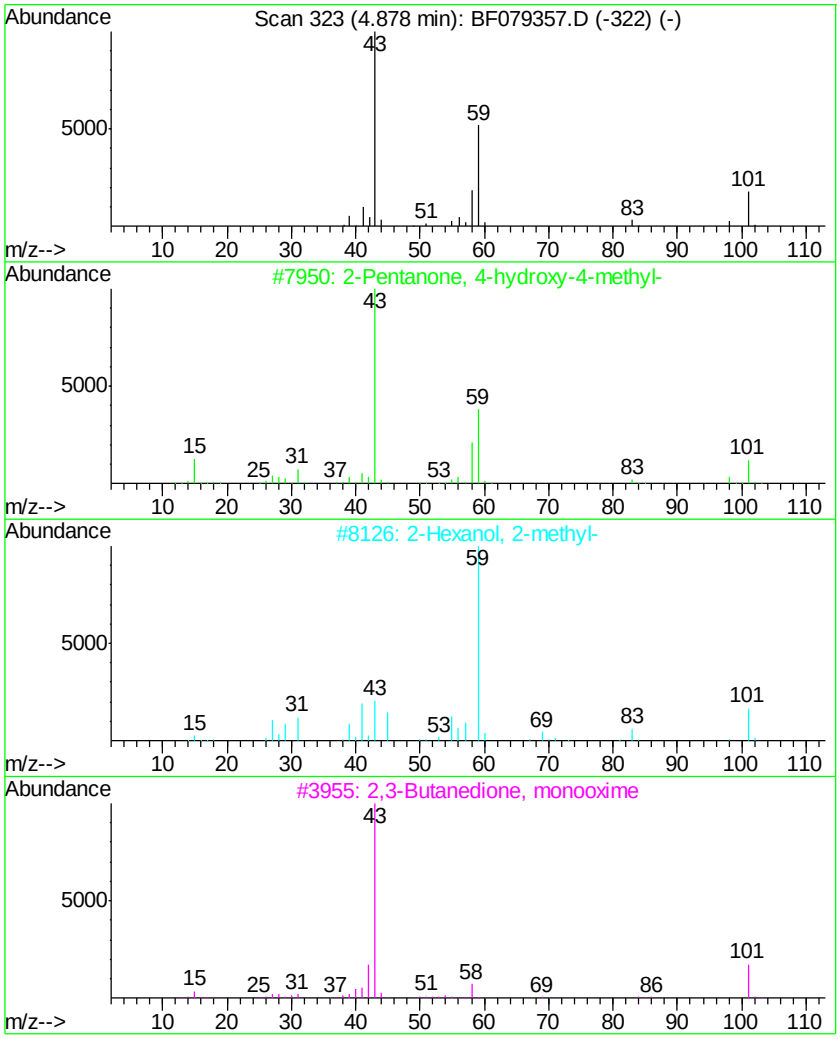
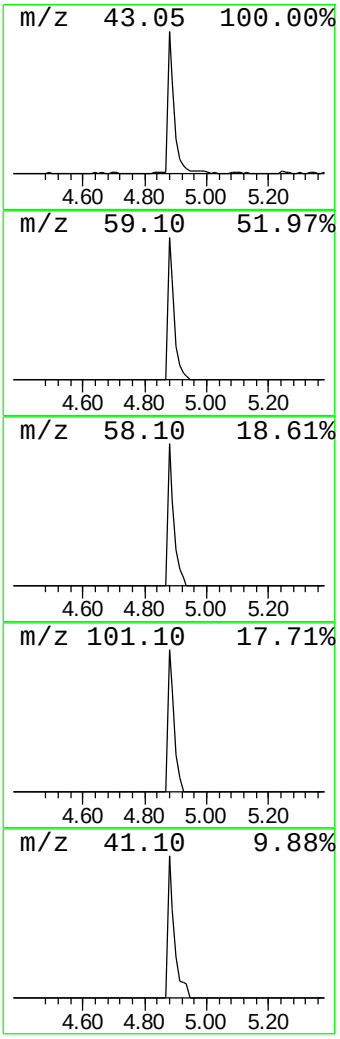
Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	8.65 ng	103772	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Propanoic acid, 3-nitro-, methyl...	133	C4H7NO4	020497-95-4	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079357.D
Acq On : 20 May 2015 00:39
Operator : TP/IZ
Sample : G2270-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20

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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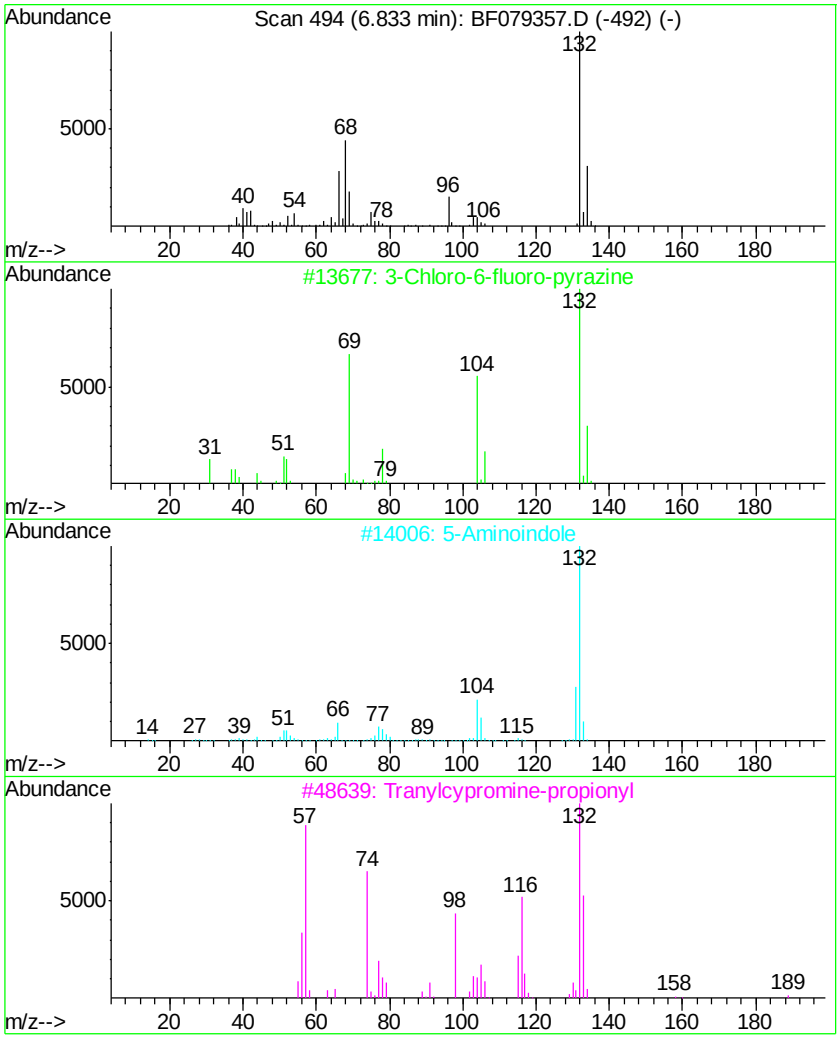
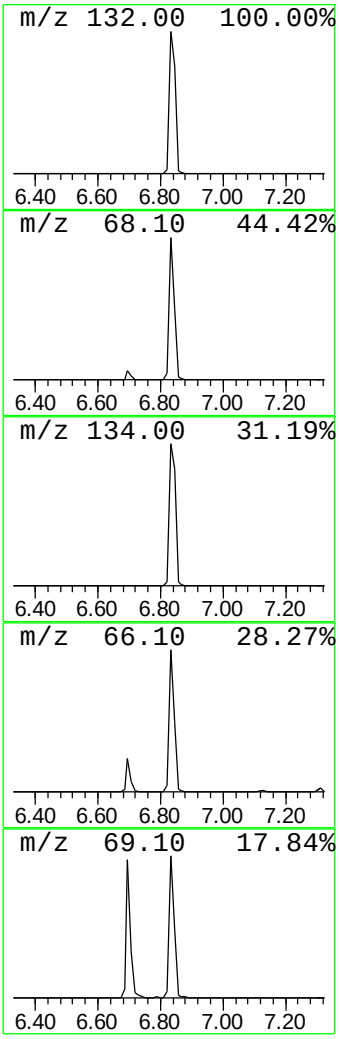
Peak Number 7 unknown6.83 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	83.33 ng	999479	1,4-Dichlorobenzene-d4	7.13

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
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Operator : TP/IZ
Sample : G2270-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20

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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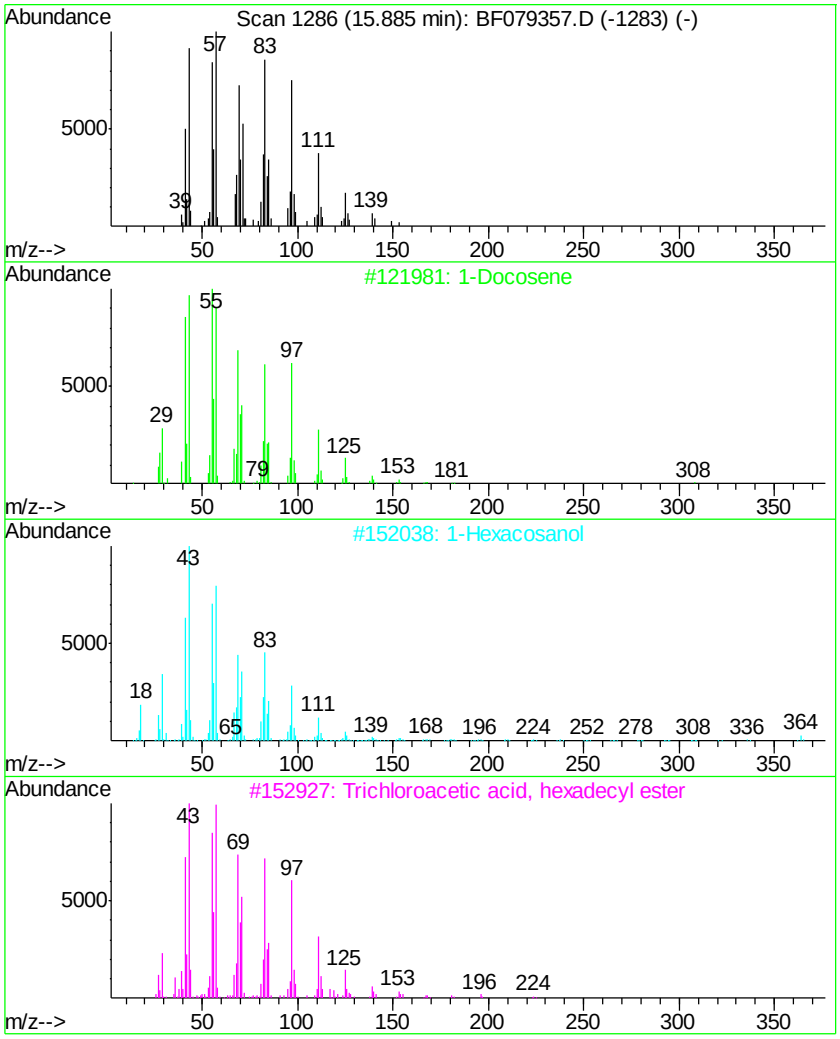
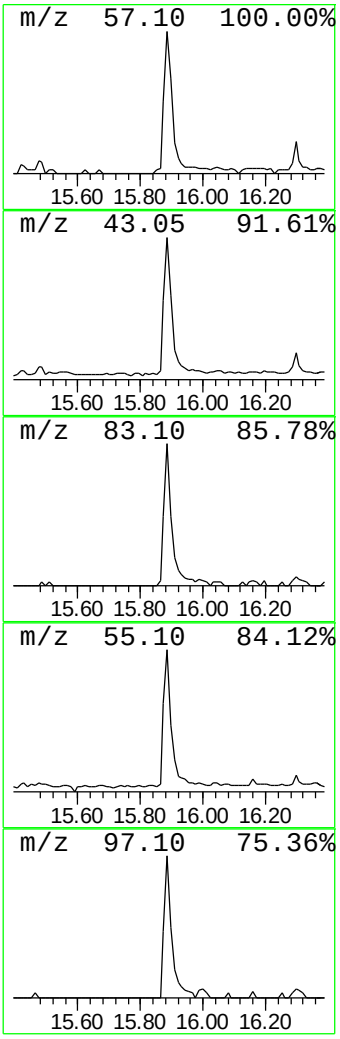
Peak Number 9 1-Docosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	9.93 ng	227370	Chrysene-d12	16.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	87
5	1-Nonadecene	266	C19H38	018435-45-5	87





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Instrument : BNA_F
ClientSampleId : SB-20

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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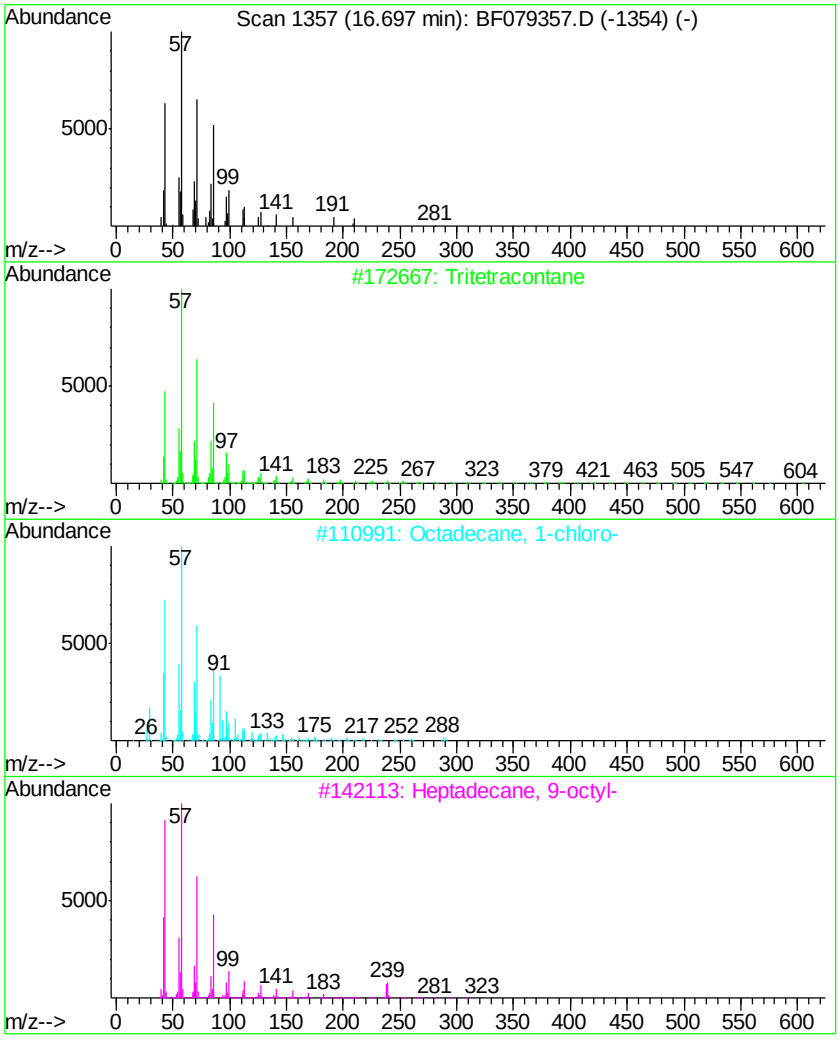
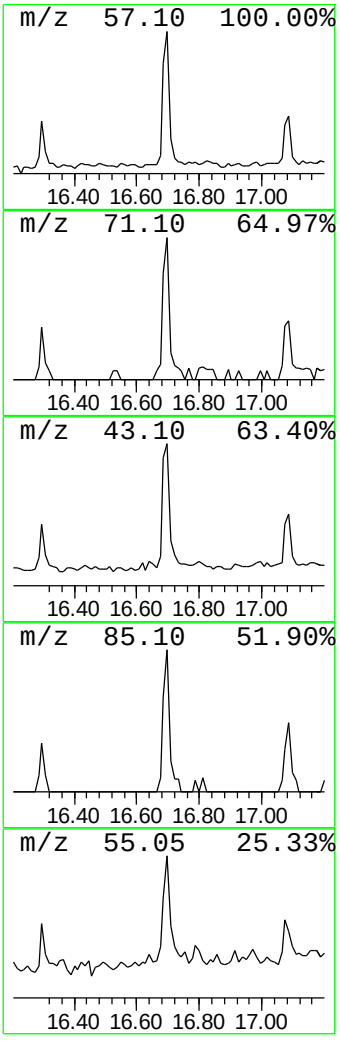
Peak Number 10 Tritetracontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	2.54 ng	58222	Chrysene-d12	16.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	87
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
4	Tetratriacontane	479	C34H70	014167-59-0	83
5	Heptacosane	380	C27H56	000593-49-7	80





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Instrument : BNA_F
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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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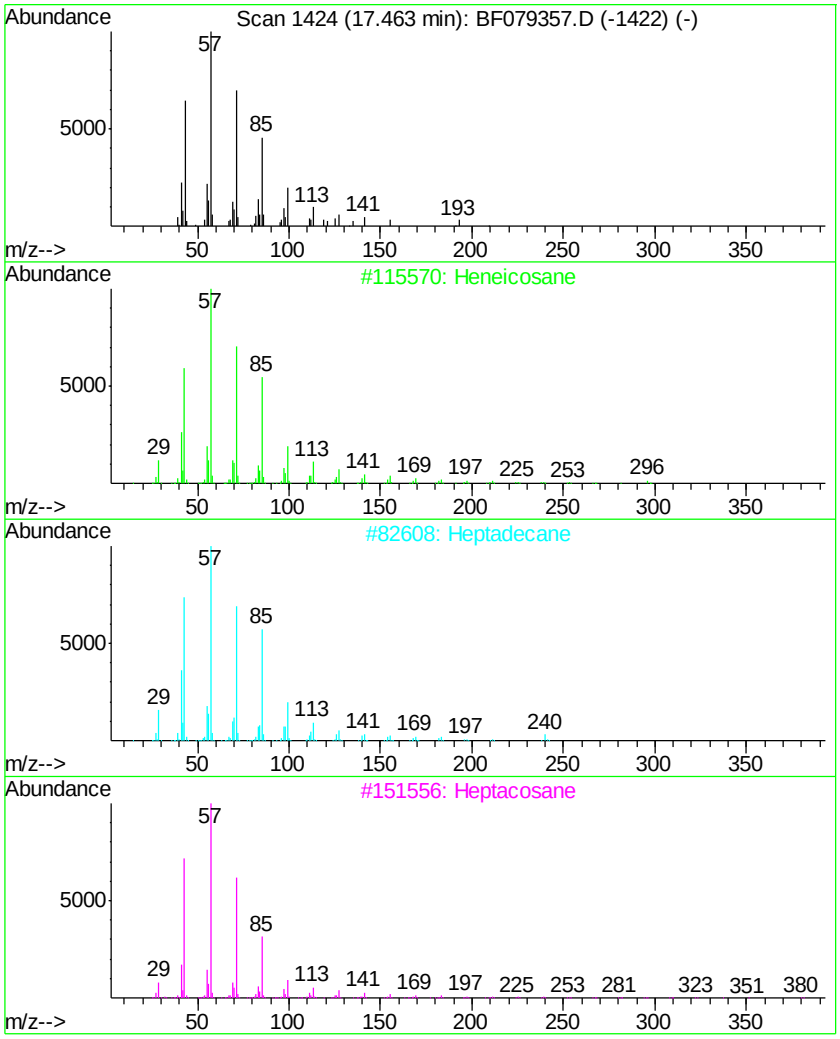
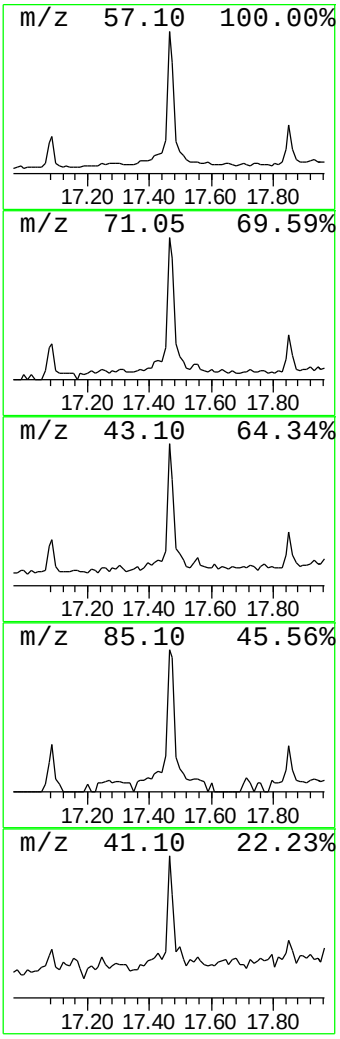
Peak Number 11 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	3.10 ng	74125	Perylene-d12	17.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane	240	C17H36	000629-78-7	87
3	Heptacosane	380	C27H56	000593-49-7	86
4	Octacosane	394	C28H58	000630-02-4	83
5	Tetracosane	338	C24H50	000646-31-1	83





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Operator : TP/IZ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20

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

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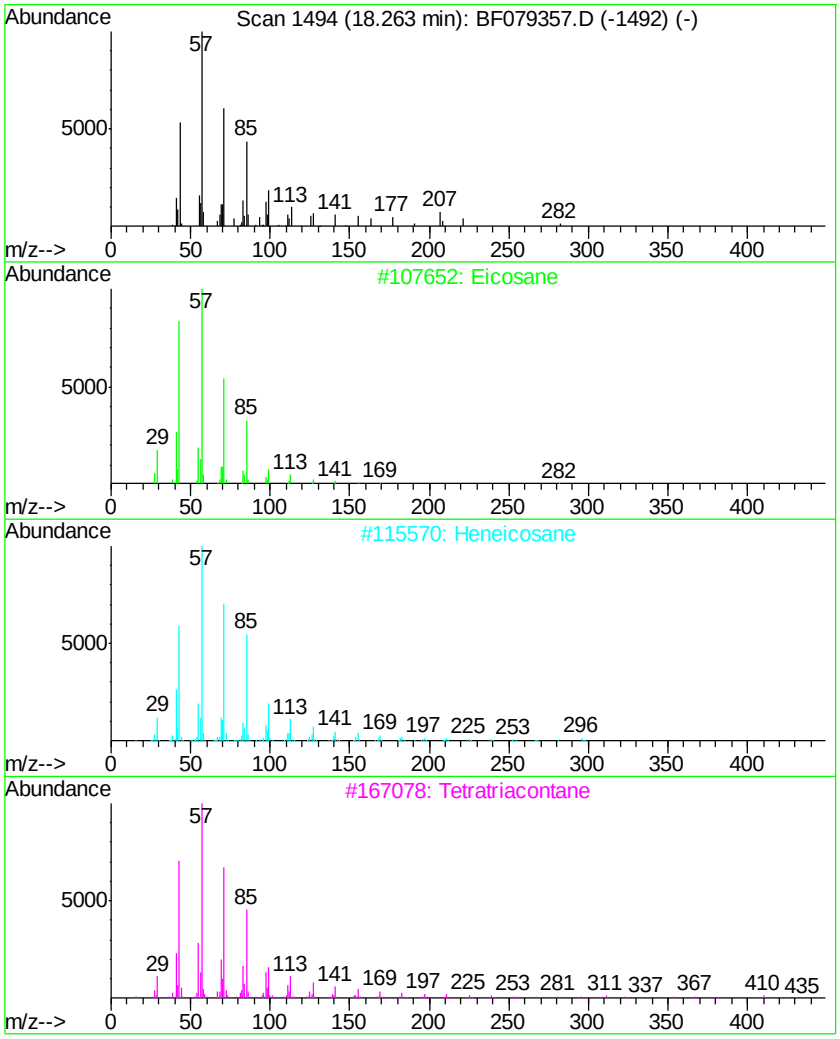
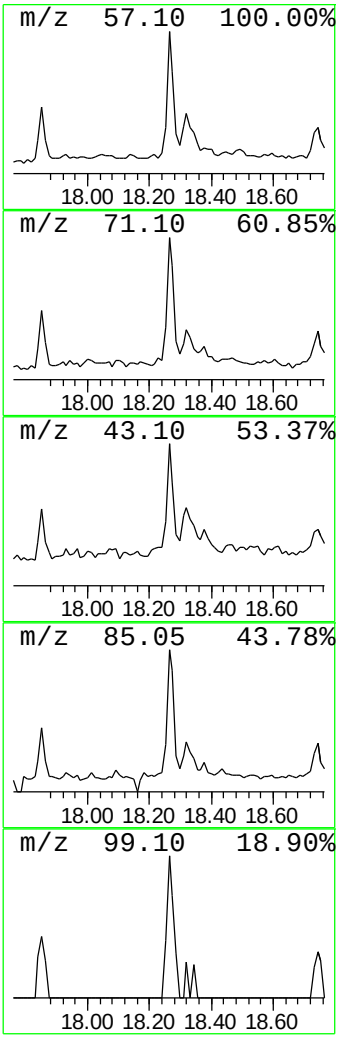
Peak Number 12 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.40 ng	57464	Perylene-d12	17.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetratriacontane	479	C34H70	014167-59-0	90
4	Pentacosane	352	C25H52	000629-99-2	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
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Instrument : BNA_F
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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
Propane, 2,2-dime...	1.27	97.7	ng	1171360	1	7.13	239876	20.0
Butane, 2-methoxy...	1.55	15.6	ng	186456	1	7.13	239876	20.0
2-Pentanone, 4-hy...	4.88	8.7	ng	103772	1	7.13	239876	20.0
unknown6.83	6.83	83.3	ng	999479	1	7.13	239876	20.0
1-Docosene	15.89	9.9	ng	227370	5	16.00	457729	20.0
Tritetracontane	16.70	2.5	ng	58222	5	16.00	457729	20.0
Heneicosane	17.46	3.1	ng	74125	6	17.73	478782	20.0
Eicosane	18.26	2.4	ng	57464	6	17.73	478782	20.0