LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136820.D
Acq On : 29 Dec 2023 10:33
Operator : CG\JU
Sample : 05899-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4

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:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136820.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.040	498	502	510	rVB	25077	33753	1.49%	0.245%
2	5.434	564	569	572	rBV	1991325	1796344	79.44%	13.022%
3	6.434	734	739	742	rBV	1841538	1820231	80.50%	13.195%
4	6.781	795	798	802	rBV	472235	368510	16.30%	2.671%
5	7.345	889	894	897	rBV	1255319	1214102	53.69%	8.801%
6	8.057	1011	1015	1019	rBV	595699	491808	21.75%	3.565%
7	9.139	1193	1199	1202	rBV	2606312	2261206	100.00%	16.391%
8	9.816	1310	1314	1317	rBV	691771	540503	23.90%	3.918%
9	10.610	1445	1449	1466	rBV	1379907	1355175	59.93%	9.824%
10	11.310	1564	1568	1571	rBV	666006	561416	24.83%	4.070%
11	11.845	1655	1659	1671	rBV	163362	183148	8.10%	1.328%
12	12.633	1790	1793	1803	rBV2	28048	40349	1.78%	0.292%
13	12.910	1835	1840	1843	rBV	2221209	2046461	90.50%	14.835%
14	13.868	1996	2003	2014	rBV10	36208	139762	6.18%	1.013%
15	13.962	2015	2019	2026	rVB	424775	392315	17.35%	2.844%
16	14.439	2097	2100	2105	rVB	29999	26106	1.15%	0.189%
17	15.092	2207	2211	2216	rVB2	48949	59467	2.63%	0.431%
18	15.445	2266	2271	2282	rVB	259910	362240	16.02%	2.626%
19	15.686	2309	2312	2316	rVB5	19478	27083	1.20%	0.196%
20	15.927	2349	2353	2358	rVB2	51083	75107	3.32%	0.544%

Sum of corrected areas: 13795086

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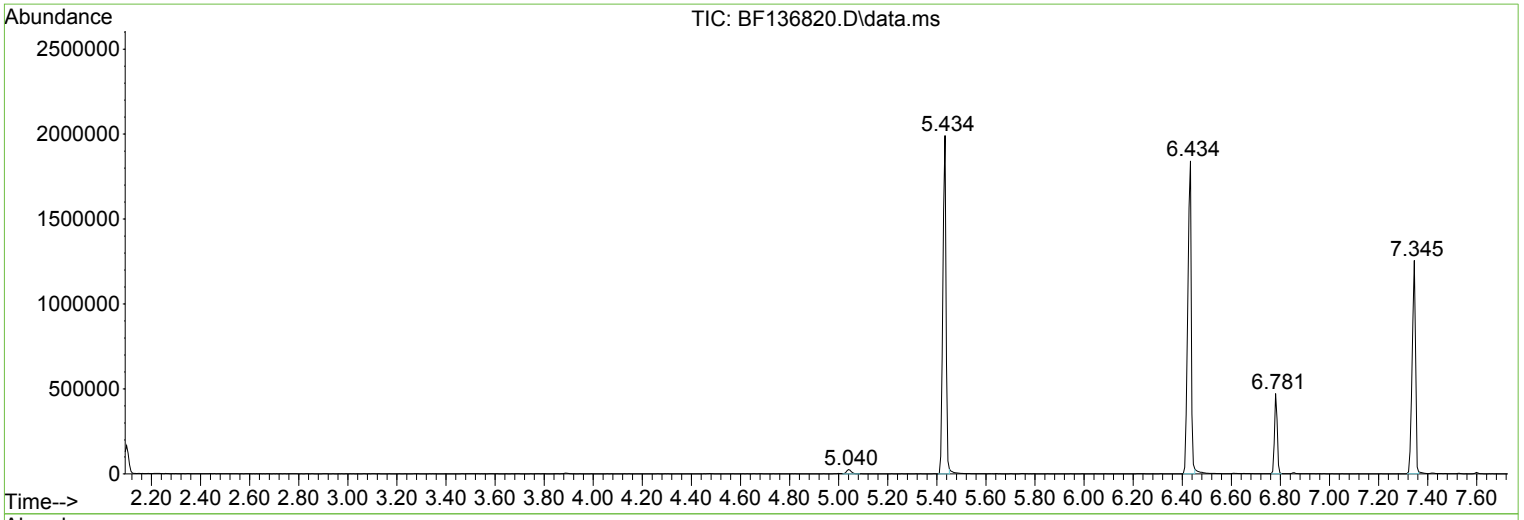
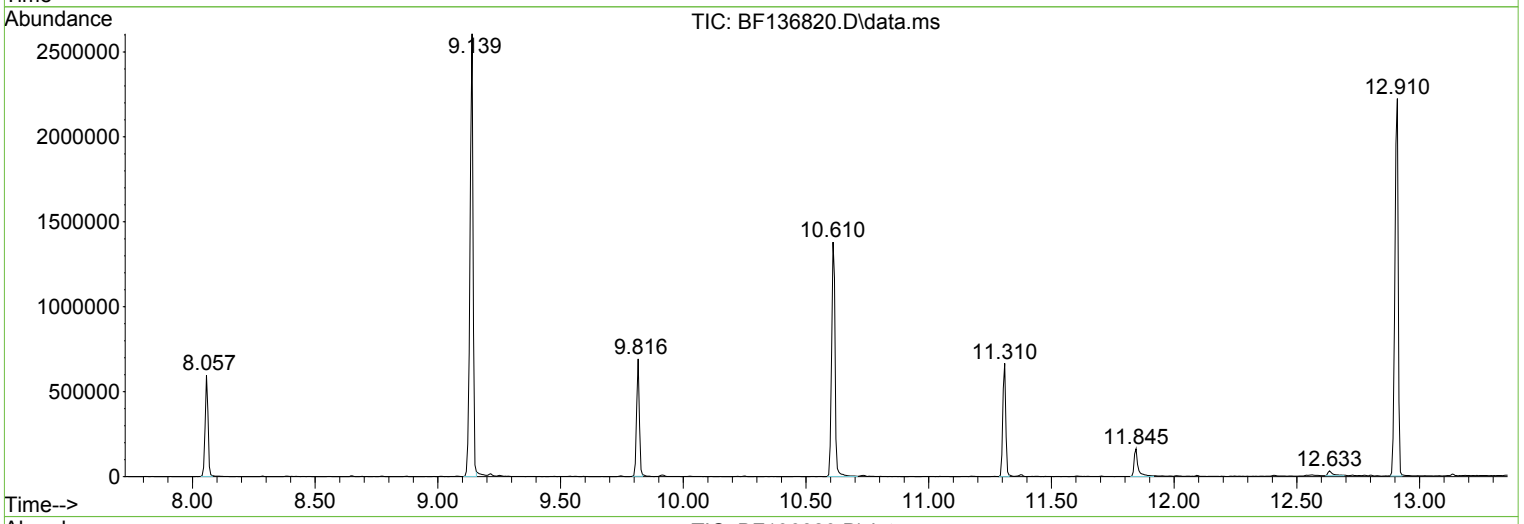
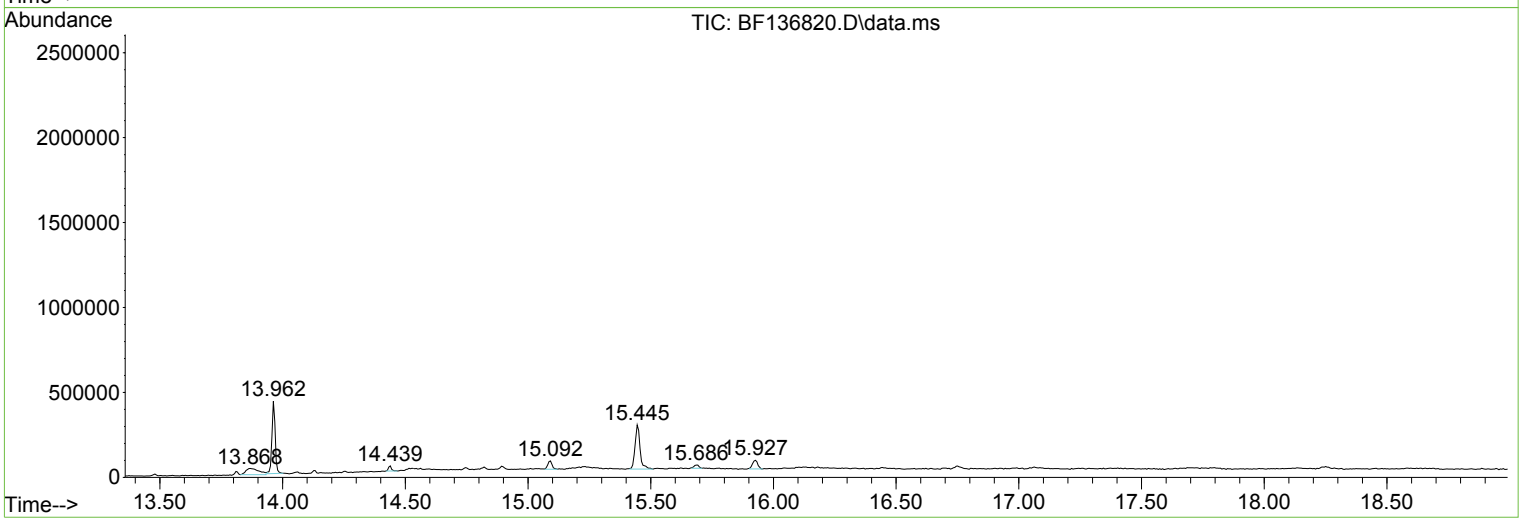
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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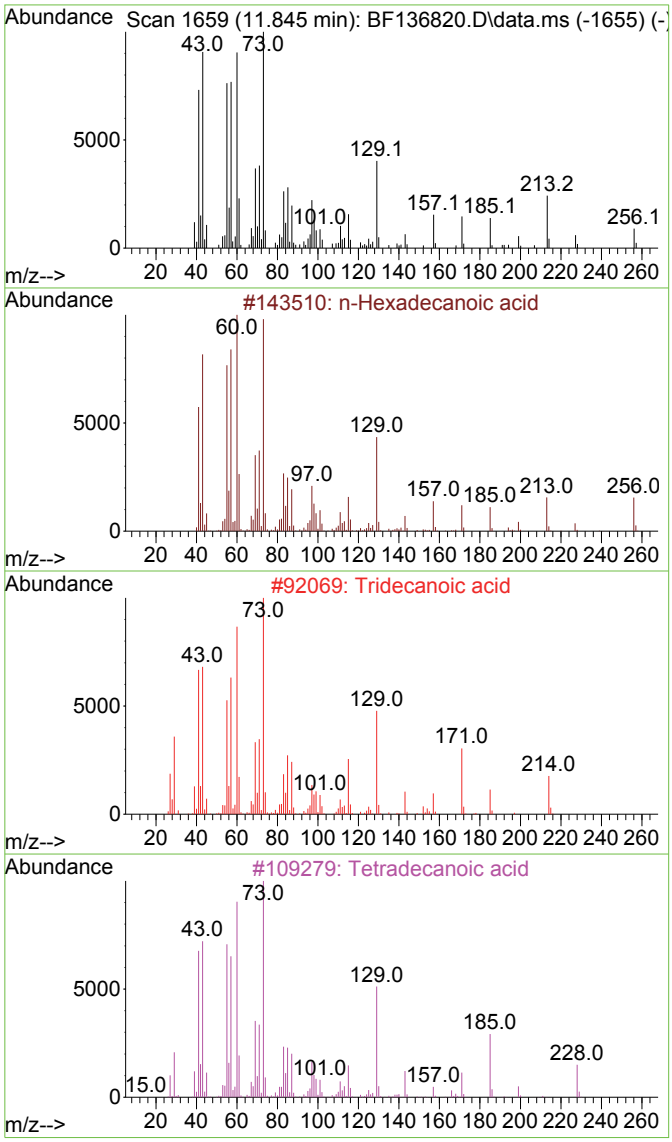
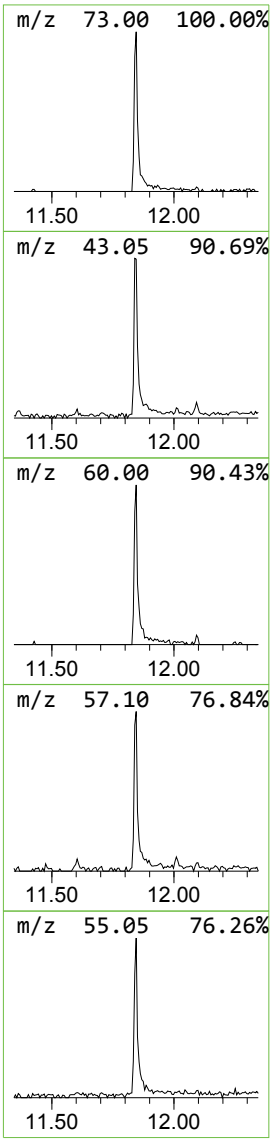
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	6.52 ng	183148	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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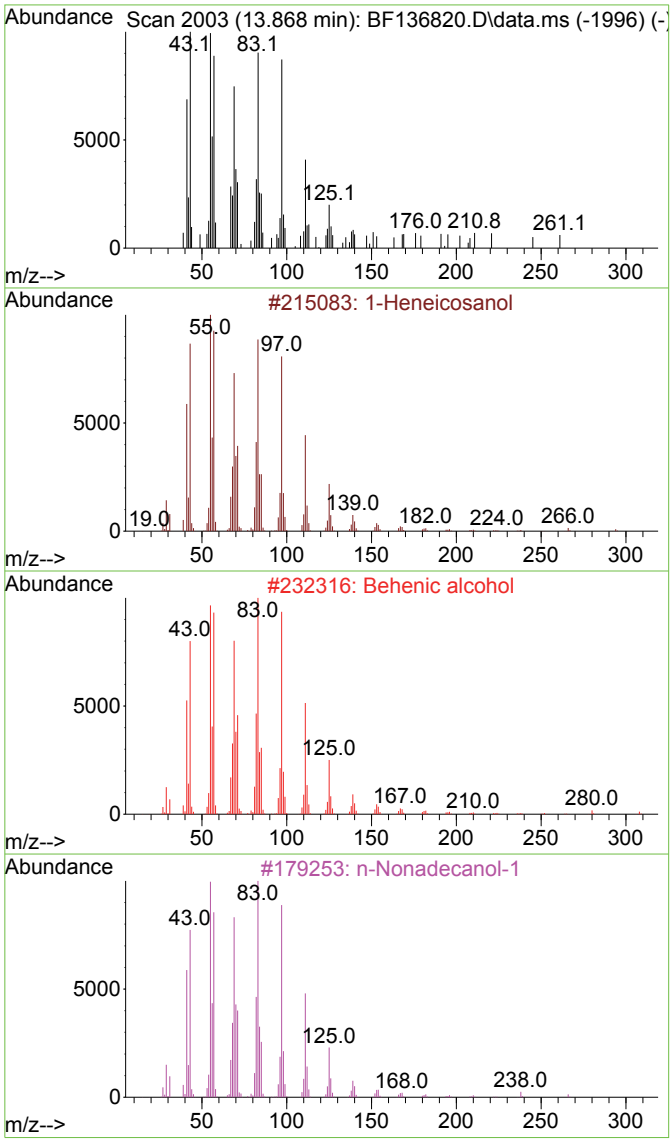
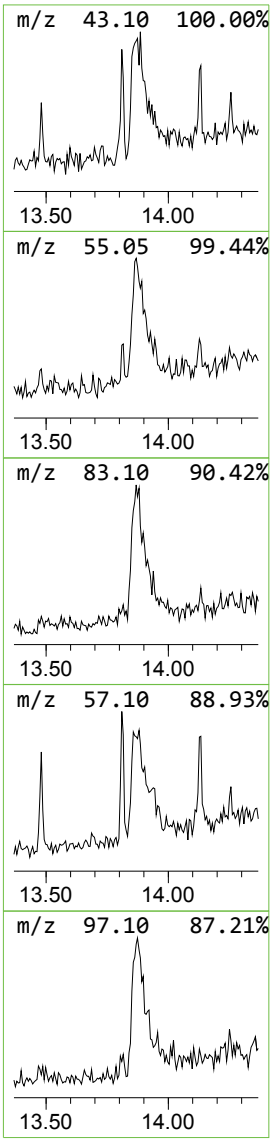
Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	7.12 ng	139762	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90





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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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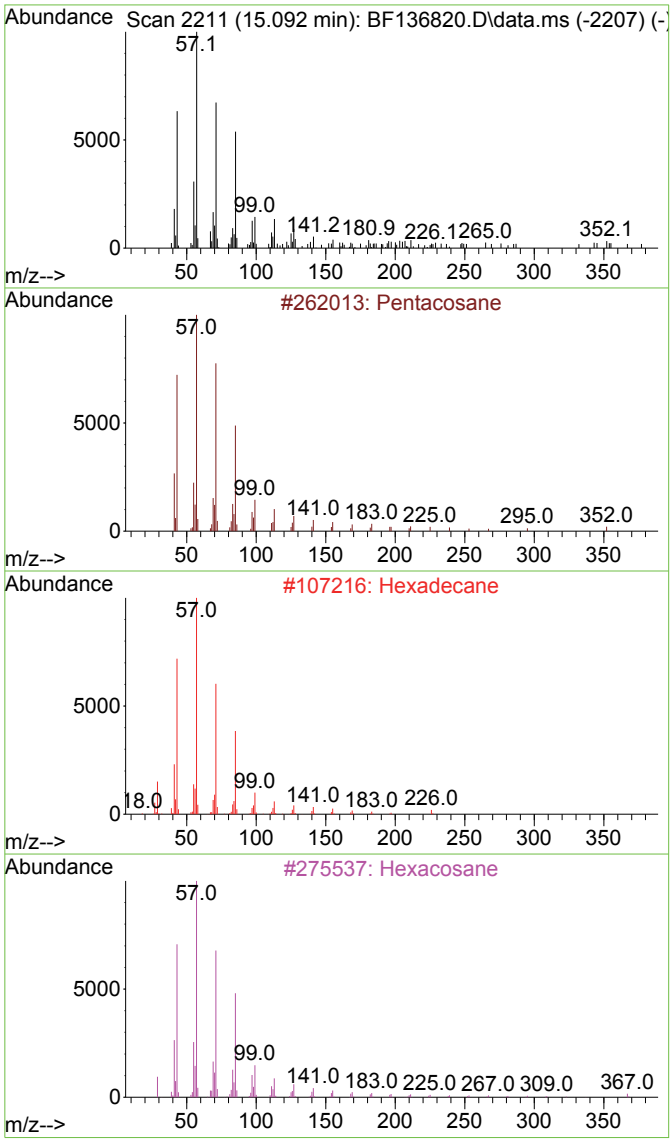
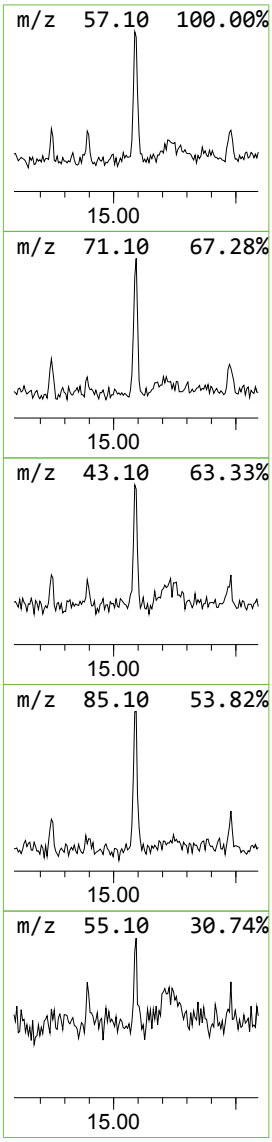
Peak Number 3 Pentacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	3.28 ng	59467	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	87
5	Docosane	310	C22H46	000629-97-0	86





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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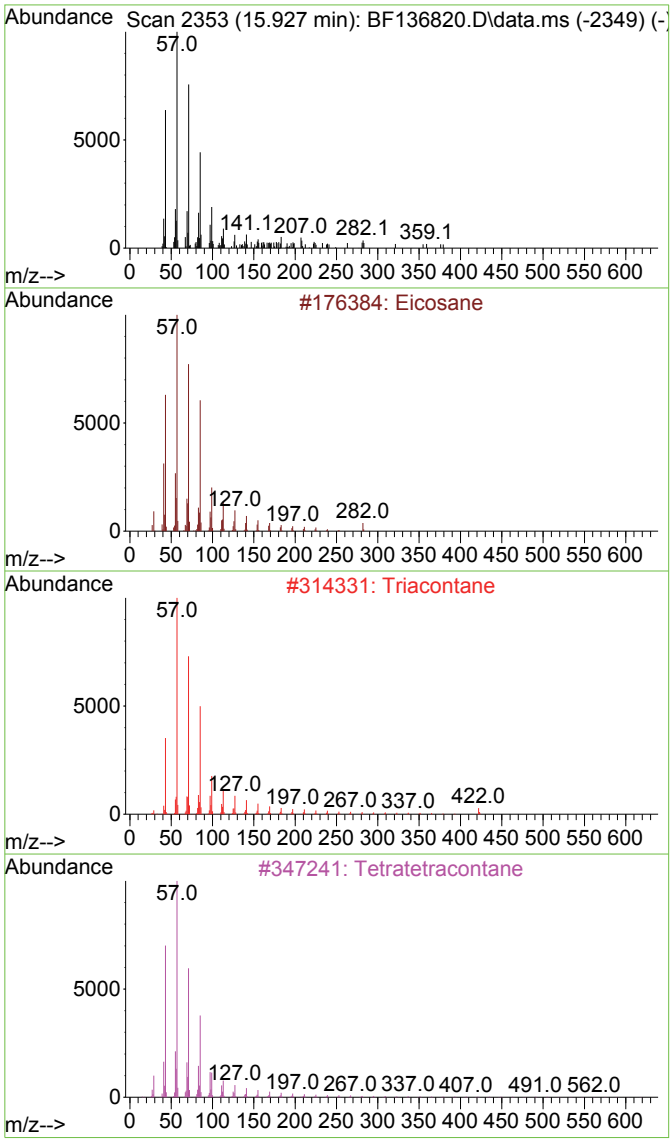
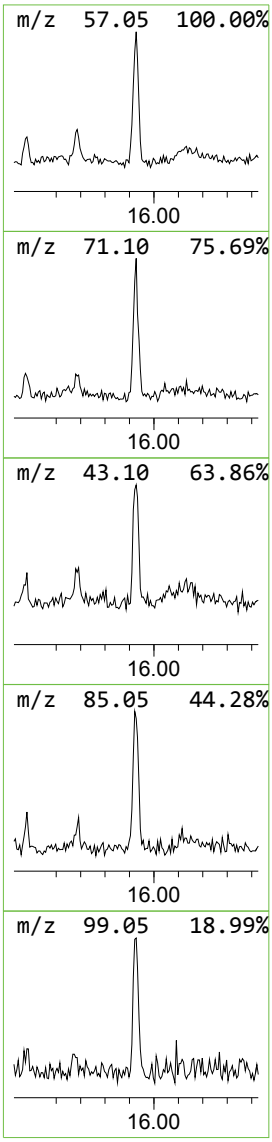
Peak Number 4 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.927	4.15 ng	75107	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Triacontane	422	C30H62	000638-68-6	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1010115-66-1	87
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.845	6.5	ng	183148	4	11.310	561416	20.0
1-Heneicosanol	13.868	7.1	ng	139762	5	13.963	392315	20.0
Pentacosane	15.092	3.3	ng	59467	6	15.445	362240	20.0
Eicosane	15.927	4.2	ng	75107	6	15.445	362240	20.0