LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
Data File : BF129718.D
Acq On : 11 Aug 2022 16:41
Operator : CG\JU
Sample : PB146619BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB146619BL

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129718.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.481	539	543	546	rBV	5421514	5692527	68.97%	11.834%
2	6.492	709	715	717	rBV	4912667	5790603	70.16%	12.037%
3	6.828	769	772	776	rBV	1432274	1274841	15.45%	2.650%
4	7.404	863	870	873	rBV	3391047	4037405	48.92%	8.393%
5	8.116	985	991	994	rBV	1708538	1790481	21.69%	3.722%
6	9.192	1167	1174	1177	rBV	7412735	7625004	92.39%	15.851%
7	9.869	1283	1289	1293	rBV	2415627	2128135	25.79%	4.424%
8	10.669	1418	1425	1428	rBV	4881048	4702850	56.98%	9.776%
9	11.363	1536	1543	1546	rBV	2513902	2179194	26.40%	4.530%
10	12.751	1776	1779	1783	rBV	338494	266132	3.22%	0.553%
11	12.957	1808	1814	1817	rBV	7643868	8253347	100.00%	17.157%
12	13.457	1896	1899	1903	rBV2	243180	191902	2.33%	0.399%
13	14.010	1989	1993	1996	rBV	1914669	1662167	20.14%	3.455%
14	14.757	2116	2120	2123	rBV	110305	109964	1.33%	0.229%
15	15.086	2170	2176	2184	rVB	149490	204174	2.47%	0.424%
16	15.480	2236	2243	2250	rVB2	1042305	1433271	17.37%	2.979%
17	15.892	2308	2313	2319	rBV	128923	181765	2.20%	0.378%
18	16.392	2393	2398	2405	rVB	109569	180267	2.18%	0.375%
19	16.980	2491	2498	2515	rVB3	95164	270764	3.28%	0.563%
20	17.668	2610	2615	2628	rVB2	52574	130003	1.58%	0.270%

Sum of corrected areas: 48104796

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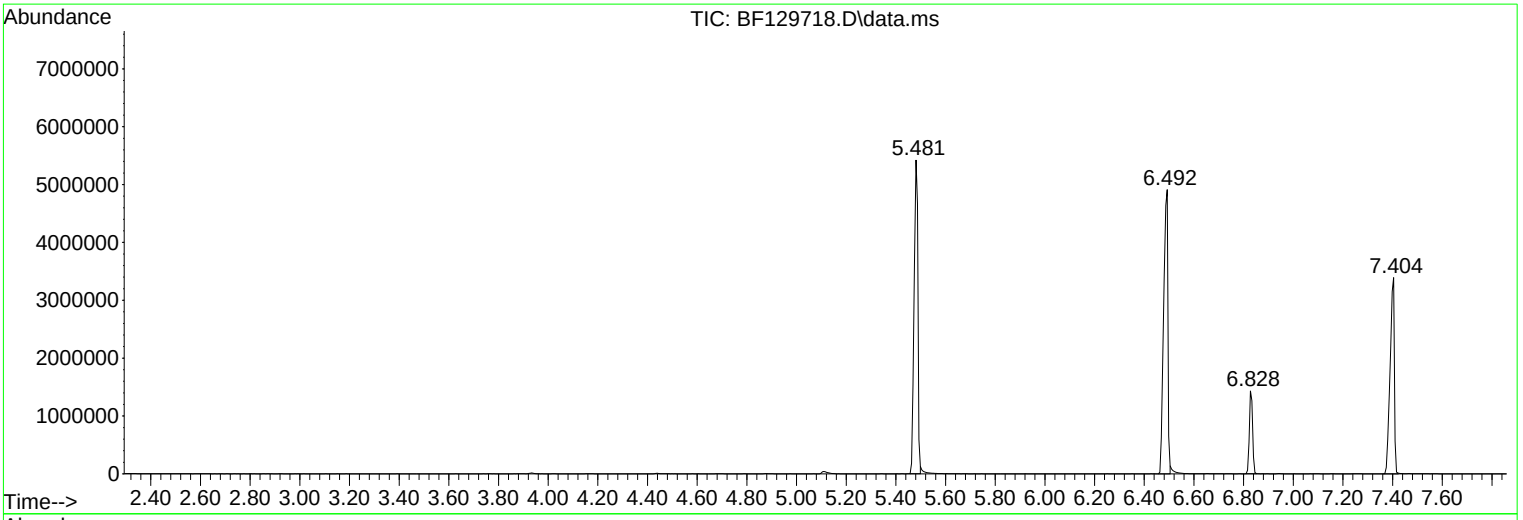
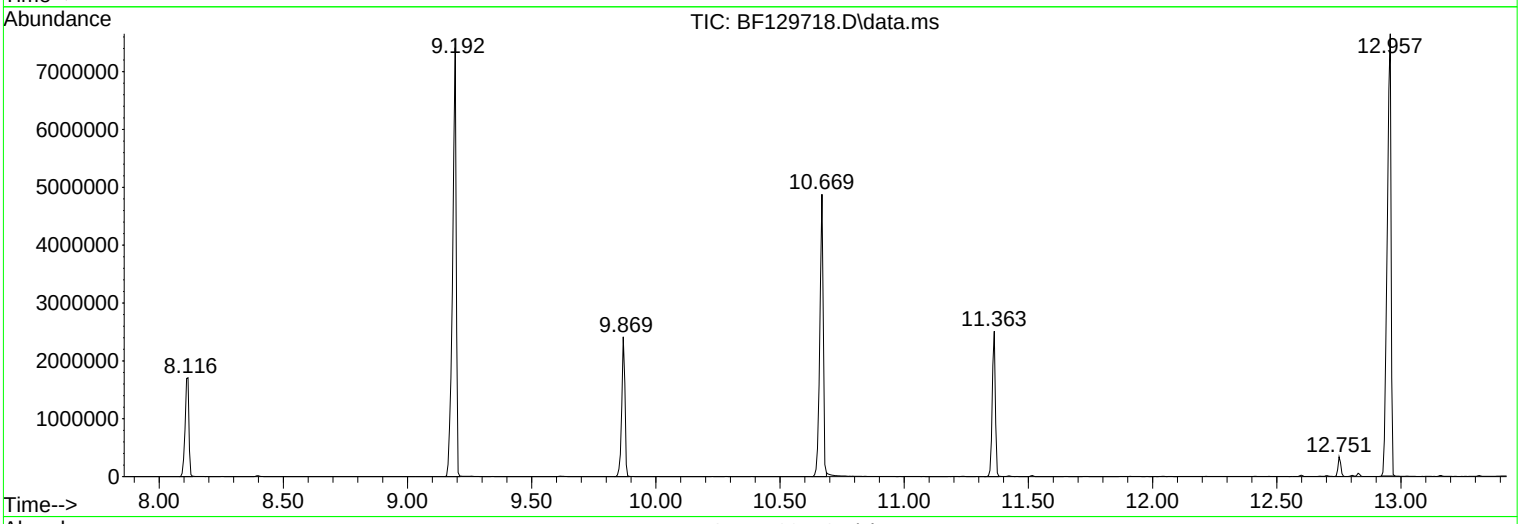
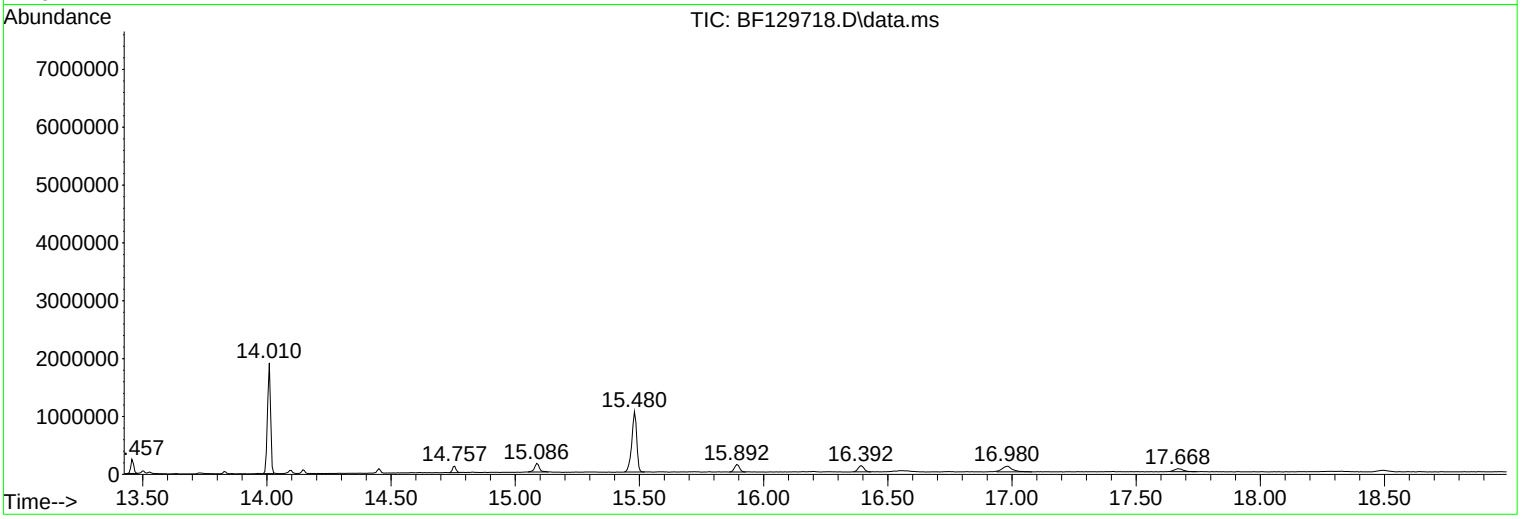
Instrument :
BNA_F
ClientSampleId :
PB146619BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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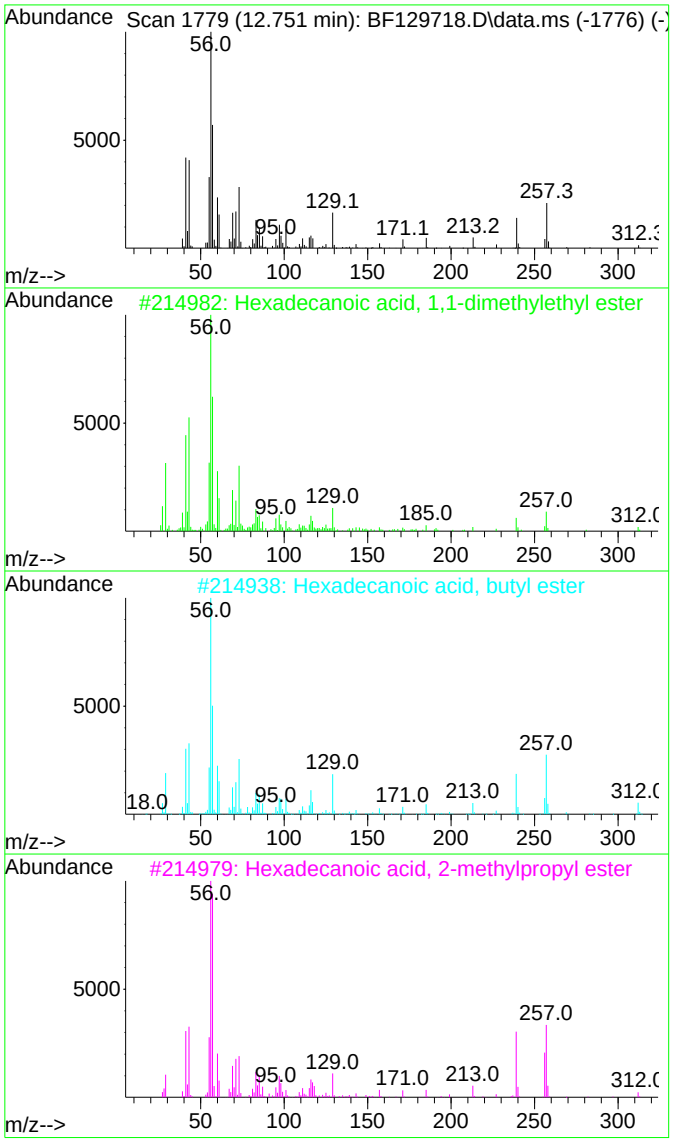
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

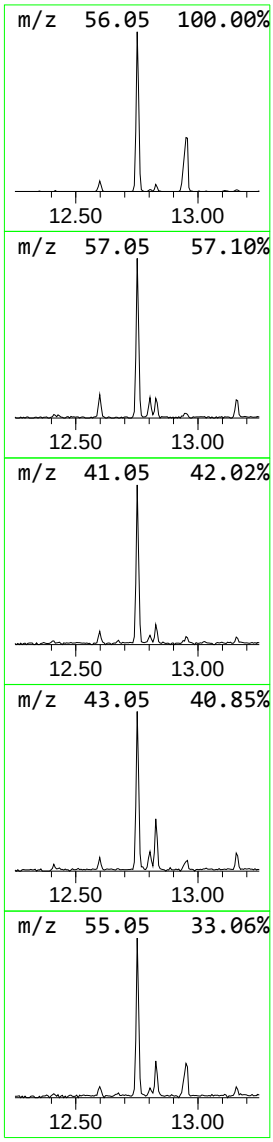
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexadecanoic acid, 1,1-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.751	3.20 ng	266132	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	97
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	55
4	Eicosanoic acid, isobutyl ester	368	C24H48O2	1000451-98-5	40
5	1,3-Hexanediol, 2-ethyl- (isomer 1)	146	C8H18O2	1000484-18-2	37





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Instrument :
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ClientSampleId :
PB146619BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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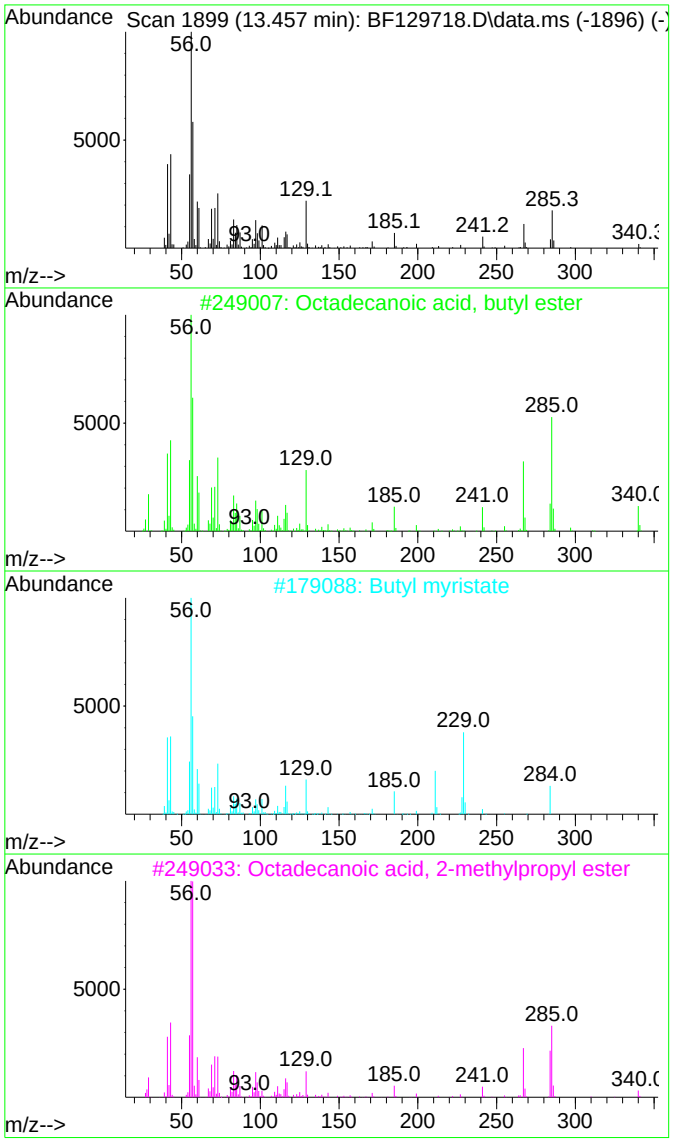
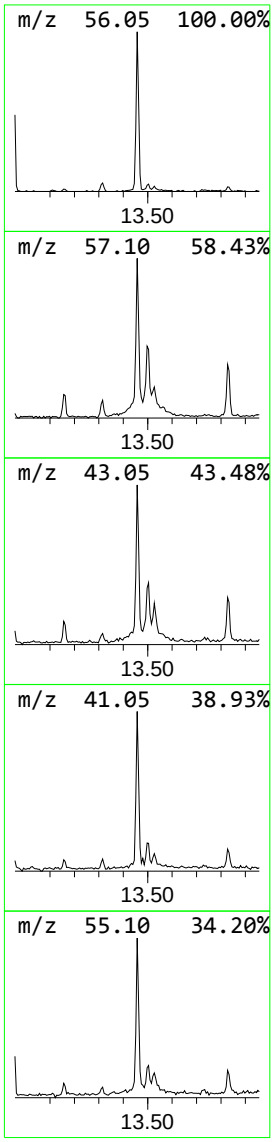
****
Peak Number 2 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.457	2.31 ng	191902	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	99
2	Butyl myristate	284	C18H36O2	000110-36-1	80
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	50
4	Docosanoic acid, isobutyl ester	396	C26H52O2	1000405-17-1	47
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35





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Instrument :
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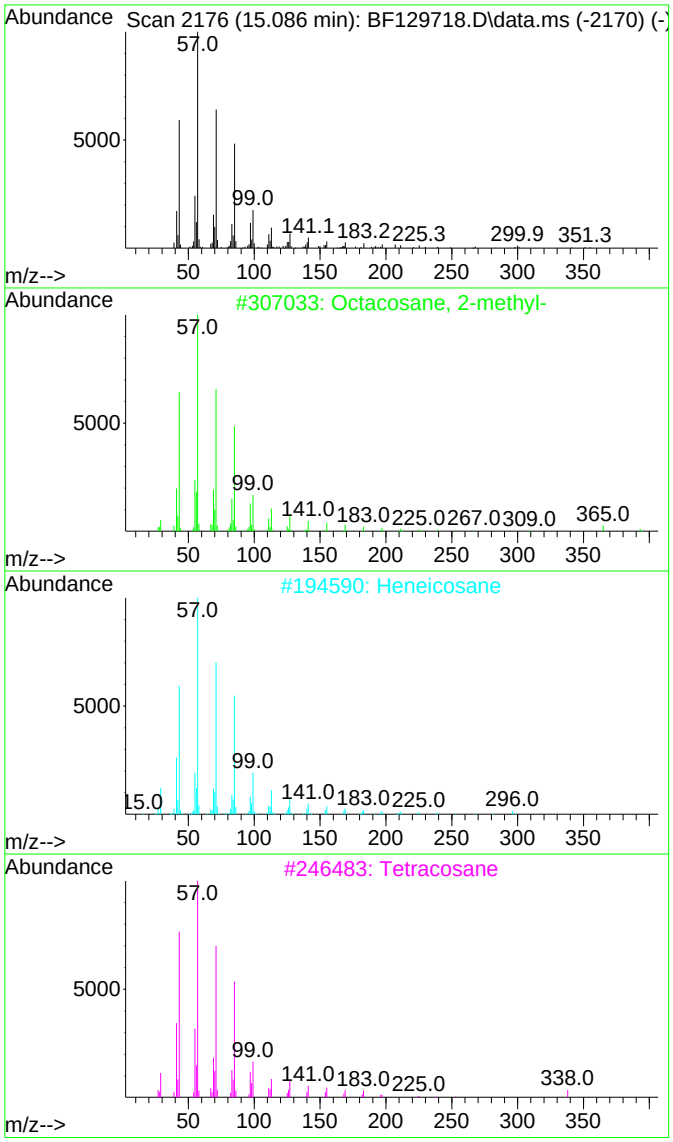
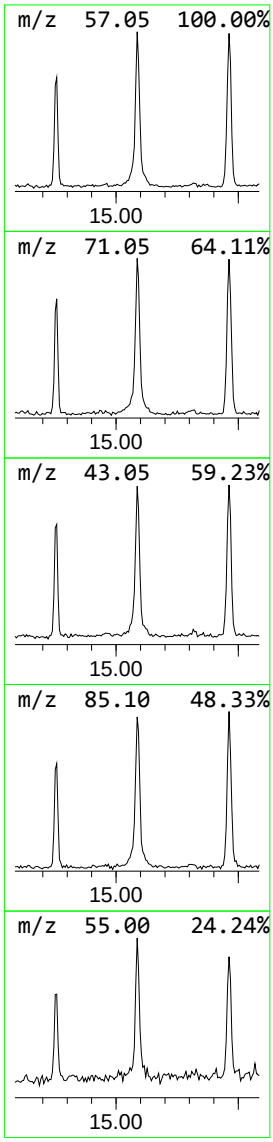
Peak Number 3 Octacosane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.086	2.85 ng	204174	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hexacosane	366	C26H54	000630-01-3	91





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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
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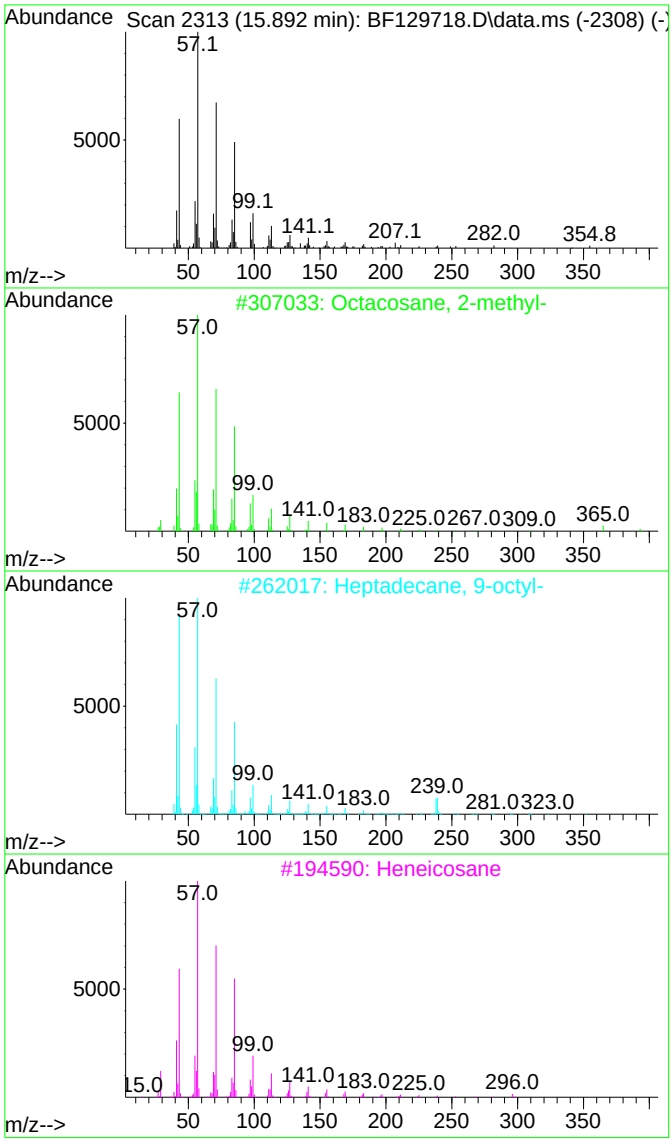
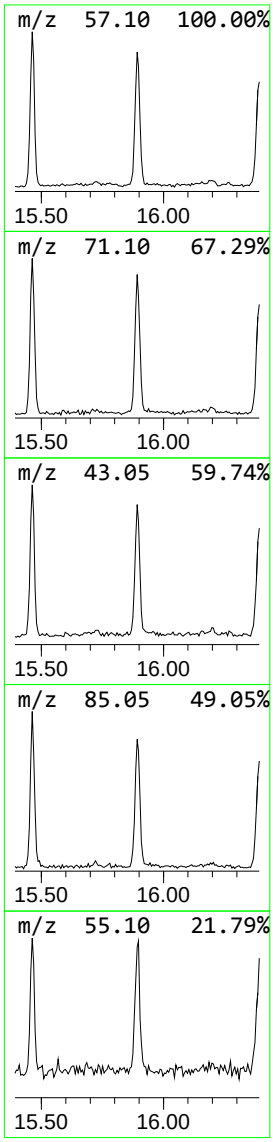
Peak Number 4 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.892	2.54 ng	181765	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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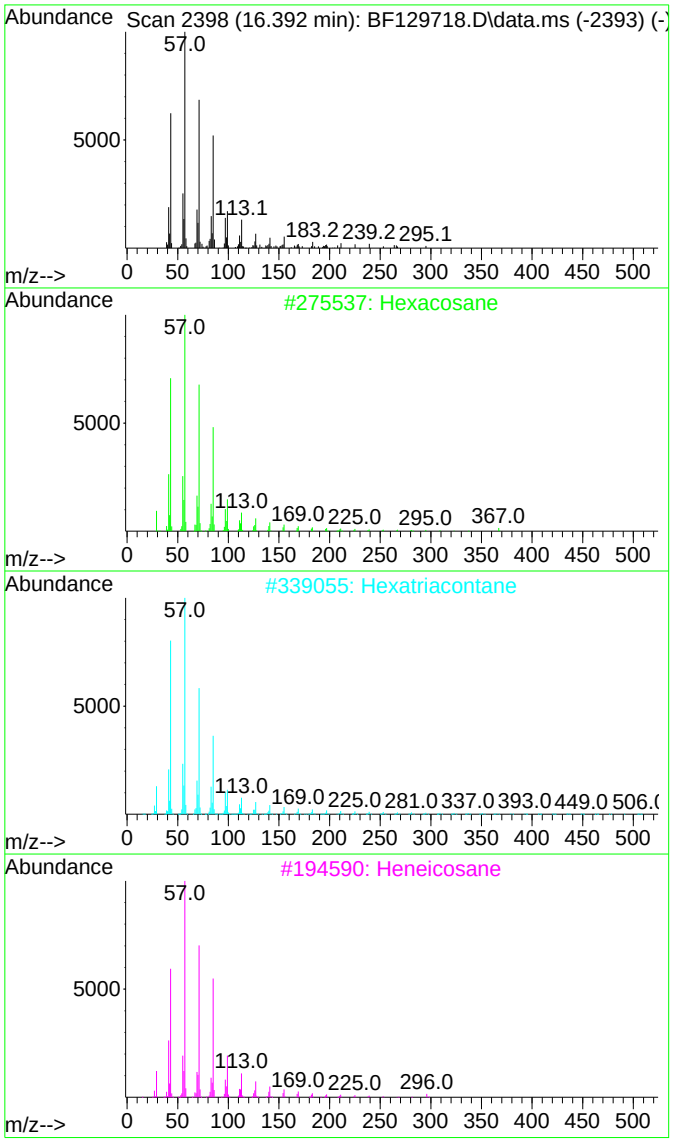
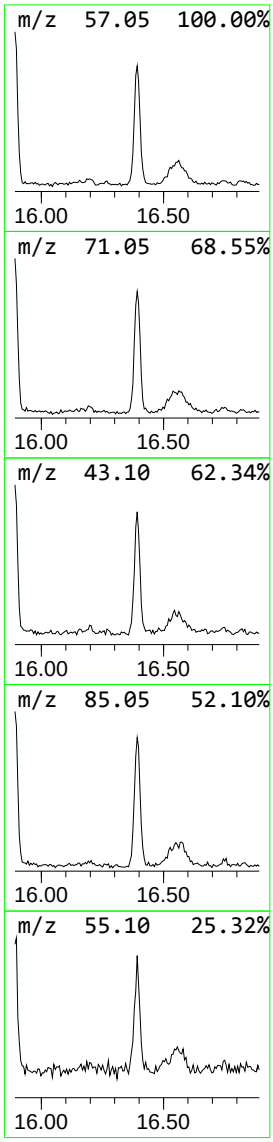
Peak Number 5 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.392	2.52 ng	180267	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Hexatriacontane	507	C36H74	000630-06-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





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Misc :
ALS Vial : 3 Sample Multiplier: 1

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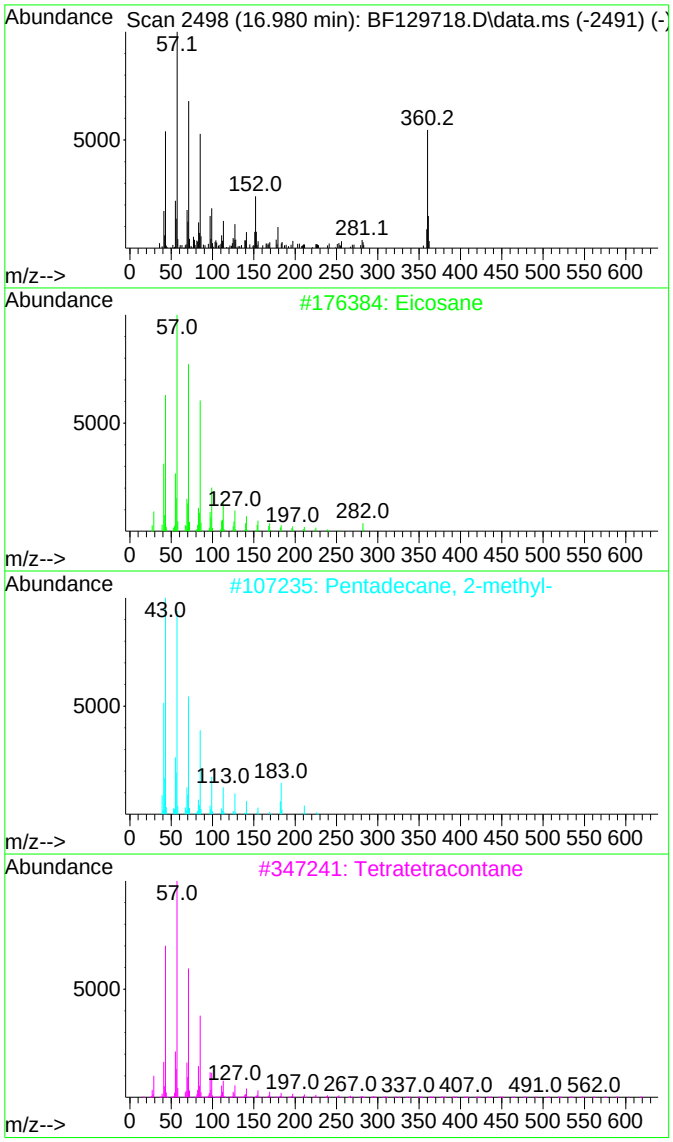
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

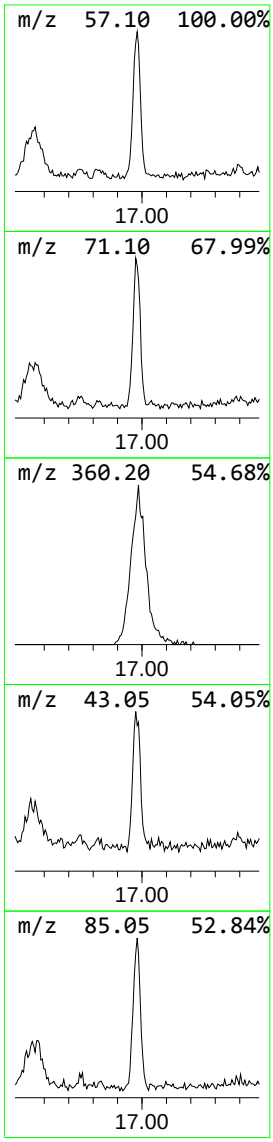
****

Peak Number 6 Eicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.980	3.78 ng	270764	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	64
3	Tetratetracontane	619	C44H90	007098-22-8	50
4	Heneicosane	296	C21H44	000629-94-7	50
5	Hexacosane	366	C26H54	000630-01-3	50





Tentatively Identified Compound (LSC) summary

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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
Hexadecanoic ac...	12.751	3.2	ng	266132	5	14.010	1662170	20.0
Octadecanoic ac...	13.457	2.3	ng	191902	5	14.010	1662170	20.0
Octacosane, 2-m...	15.086	2.9	ng	204174	6	15.480	1433270	20.0
Heptadecane, 9-...	15.892	2.5	ng	181765	6	15.480	1433270	20.0
Hexacosane	16.392	2.5	ng	180267	6	15.480	1433270	20.0
Eicosane	16.980	3.8	ng	270764	6	15.480	1433270	20.0