LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136719.D
Acq On : 26 Dec 2023 15:03
Operator : CG\JU
Sample : 05921-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-303-20231218

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: BF136719.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.422	564	567	578	rBV	698156	614063	29.43%	6.207%
2	5.663	605	608	614	rBV	32113	28080	1.35%	0.284%
3	6.428	734	738	750	rVB	378444	344323	16.50%	3.481%
4	6.781	795	798	802	rBV	490931	392754	18.82%	3.970%
5	7.345	889	894	897	rBV	1259251	1149282	55.08%	11.618%
6	8.057	1011	1015	1019	rBV	585513	490716	23.52%	4.961%
7	9.139	1194	1199	1202	rBV	2508659	2086666	100.00%	21.094%
8	9.816	1310	1314	1317	rBV	637305	505717	24.24%	5.112%
9	10.610	1445	1449	1452	rBV	1165230	1000212	47.93%	10.111%
10	11.304	1564	1567	1571	rBV	521509	449480	21.54%	4.544%
11	11.839	1653	1658	1667	rBV2	173979	203266	9.74%	2.055%
12	12.551	1773	1779	1787	rBV3	33015	53758	2.58%	0.543%
13	12.627	1788	1792	1802	rVV	75807	98458	4.72%	0.995%
14	12.904	1835	1839	1842	rBV	1823415	1572970	75.38%	15.901%
15	13.610	1954	1959	1966	rBV3	69507	113872	5.46%	1.151%
16	13.963	2013	2019	2022	rBV	391467	398212	19.08%	4.025%
17	14.821	2162	2165	2170	rVB3	21662	28876	1.38%	0.292%
18	15.092	2207	2211	2214	rBV2	21569	28382	1.36%	0.287%
19	15.439	2265	2270	2275	rBV	265862	333217	15.97%	3.368%

Sum of corrected areas: 9892304

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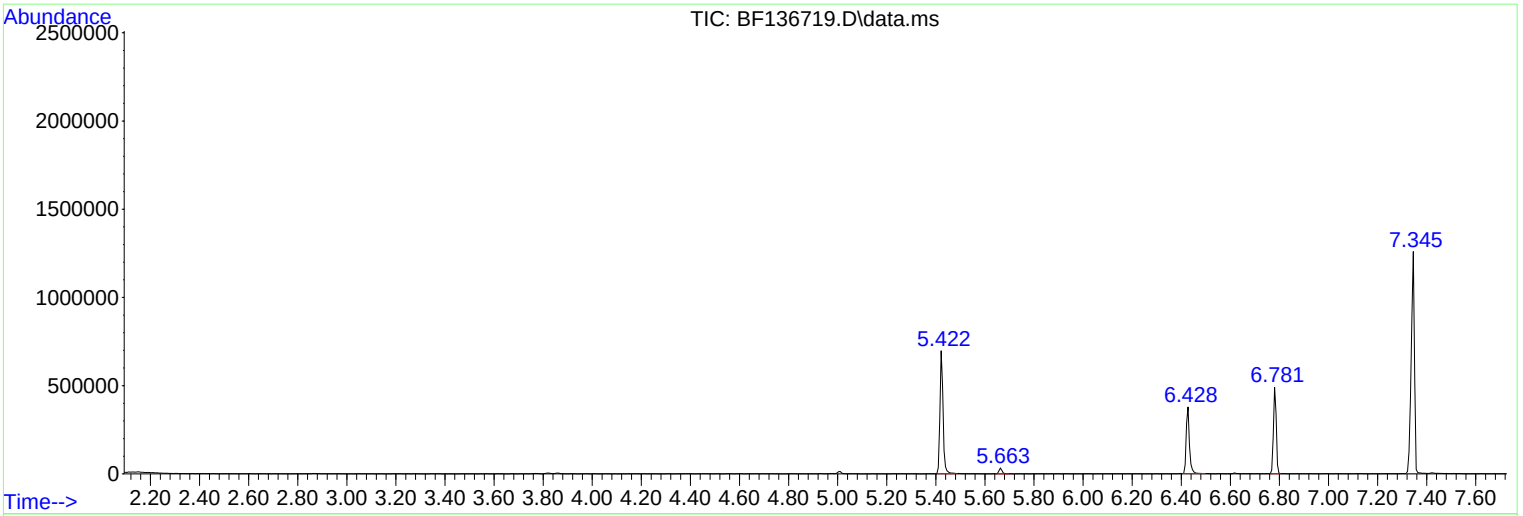
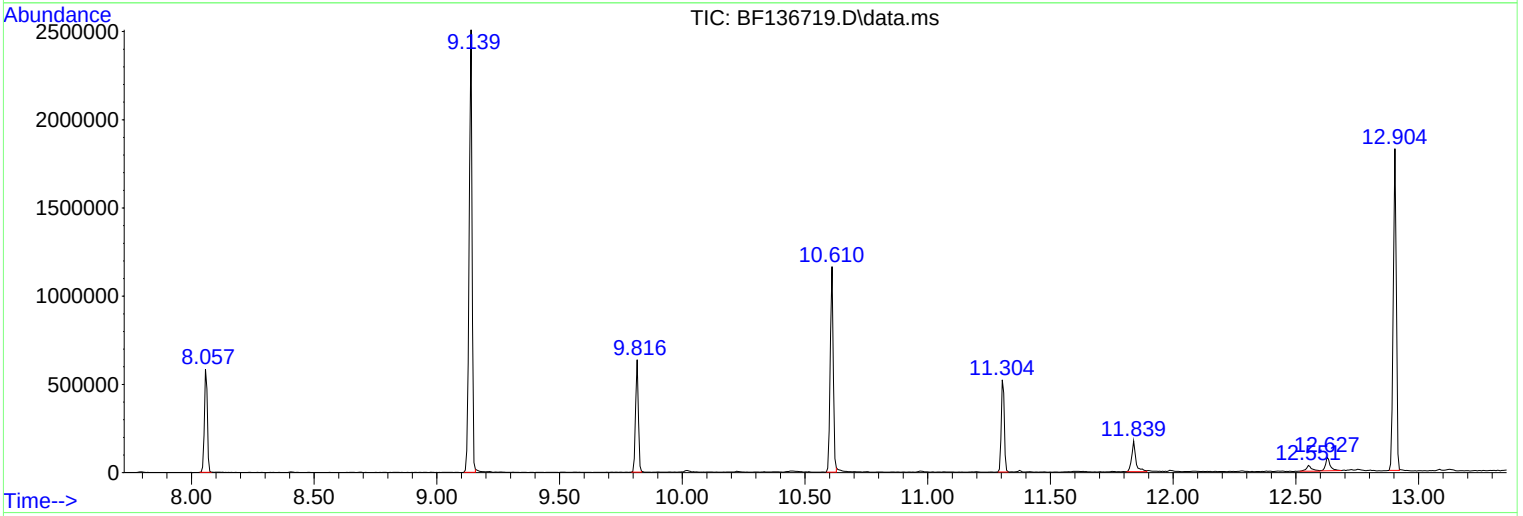
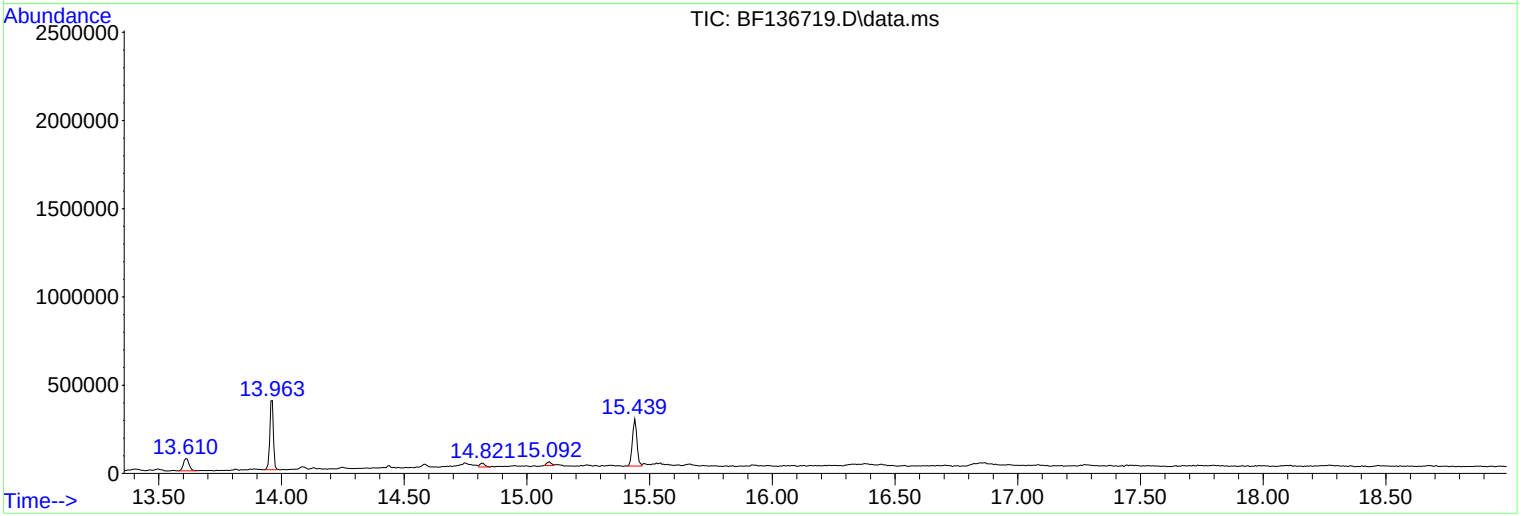
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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TIC Library : C:\Database\NIST20.L
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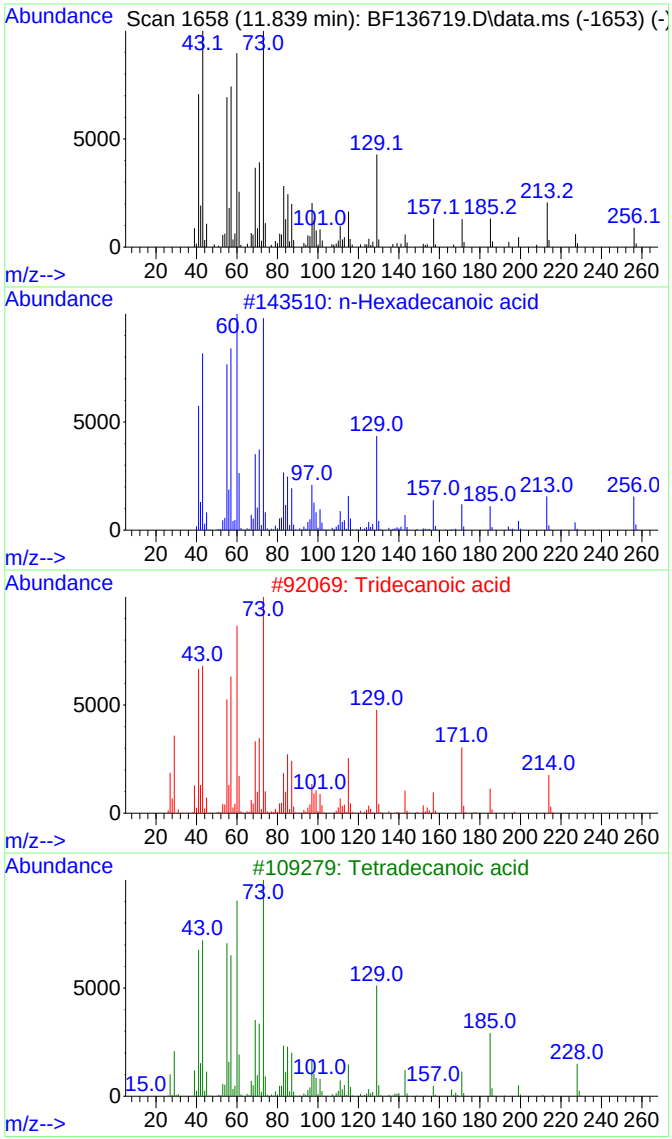
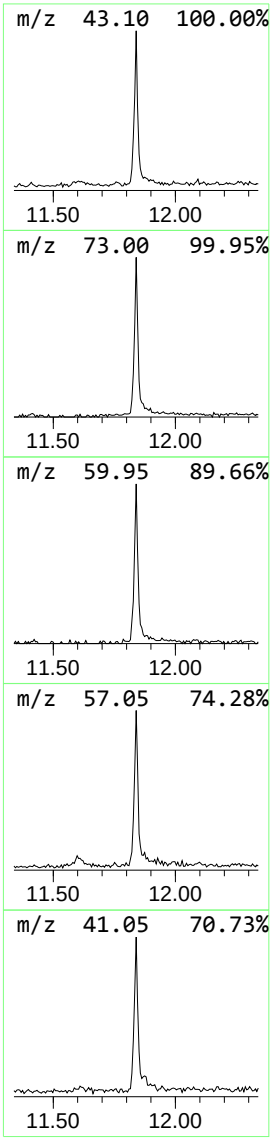
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	9.04 ng	203266	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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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
TIC Integration Parameters: LSCINT.P

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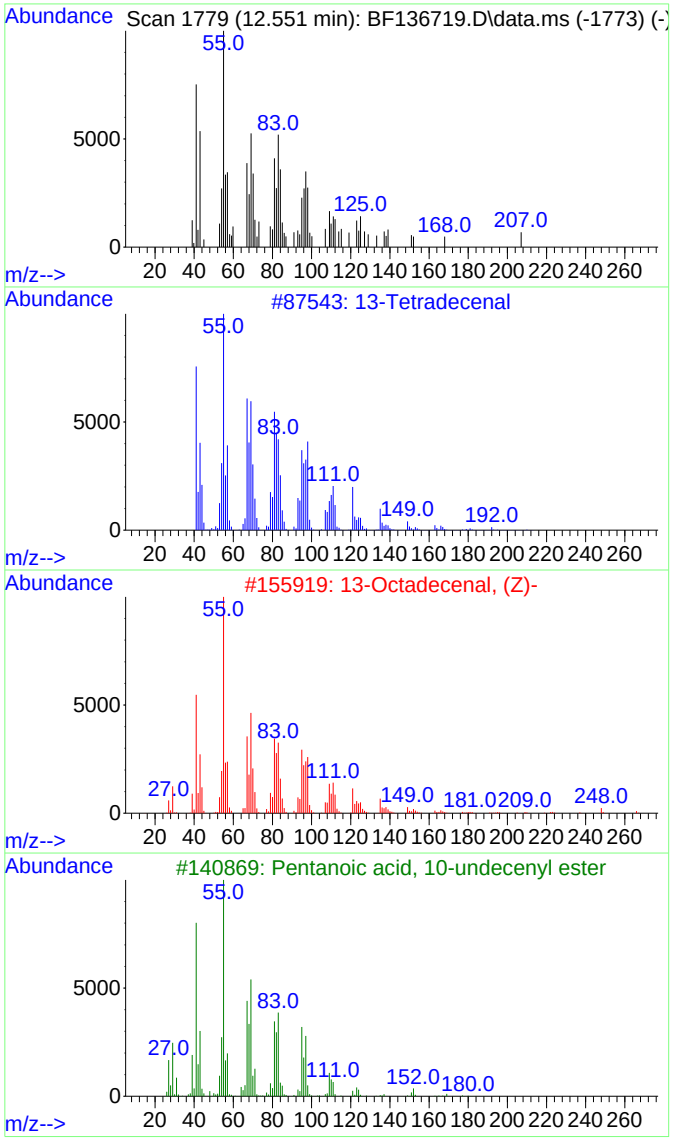
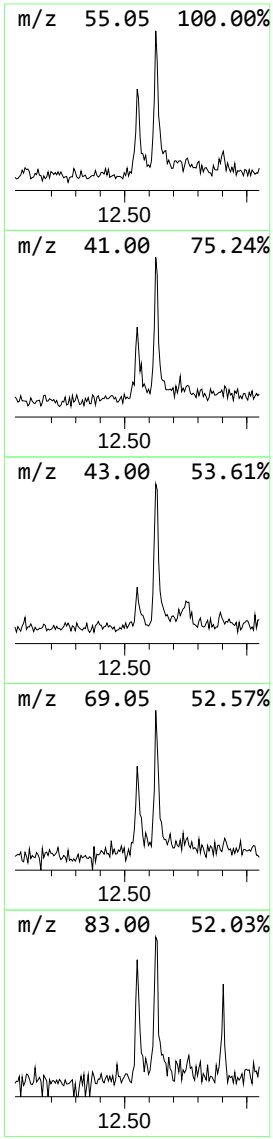
Peak Number 2 13-Tetradecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.551	2.39 ng	53758	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecenal	210	C14H26O	085896-31-7	58
2	13-Octadecenal, (Z)-	266	C18H34O	058594-45-9	52
3	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	49
4	Cyclododecane	168	C12H24	000294-62-2	43
5	Formic acid, undecyl ester	200	C12H24O2	1000368-25-0	43





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-303-20231218

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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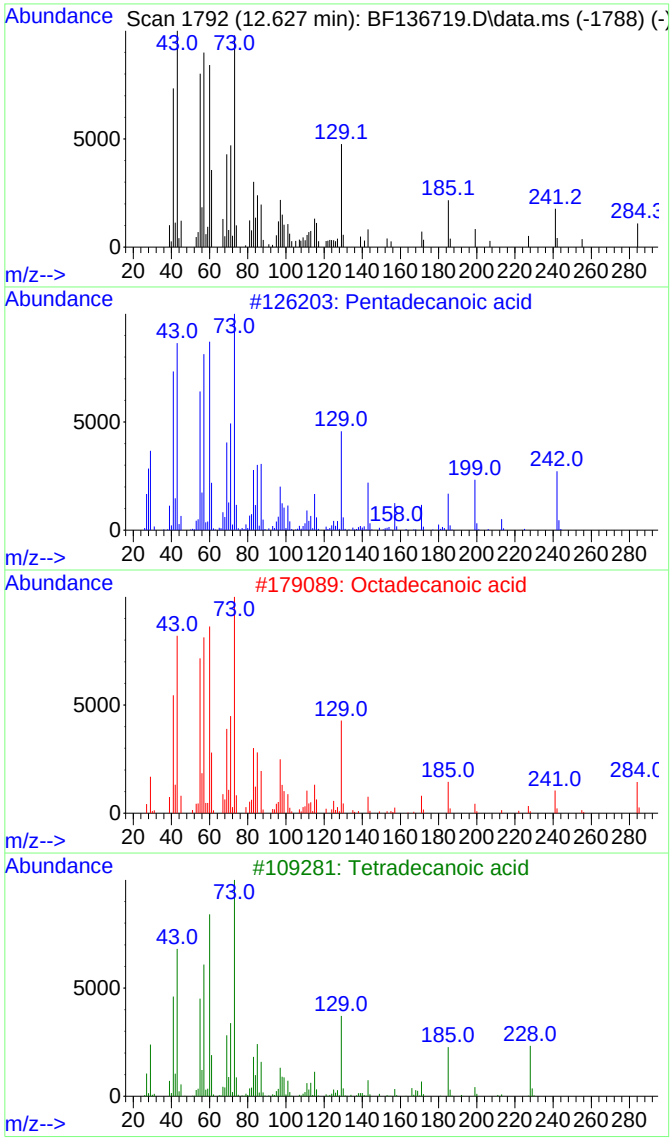
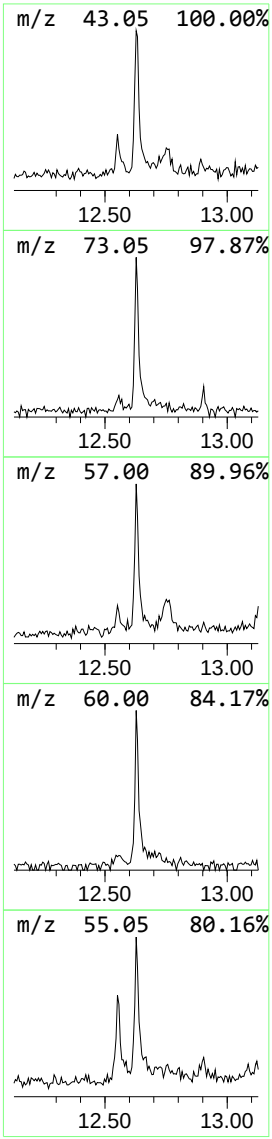
Peak Number 3 Pentadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	4.38 ng	98458	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





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Misc :
ALS Vial : 10 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
TIC Integration Parameters: LSCINT.P

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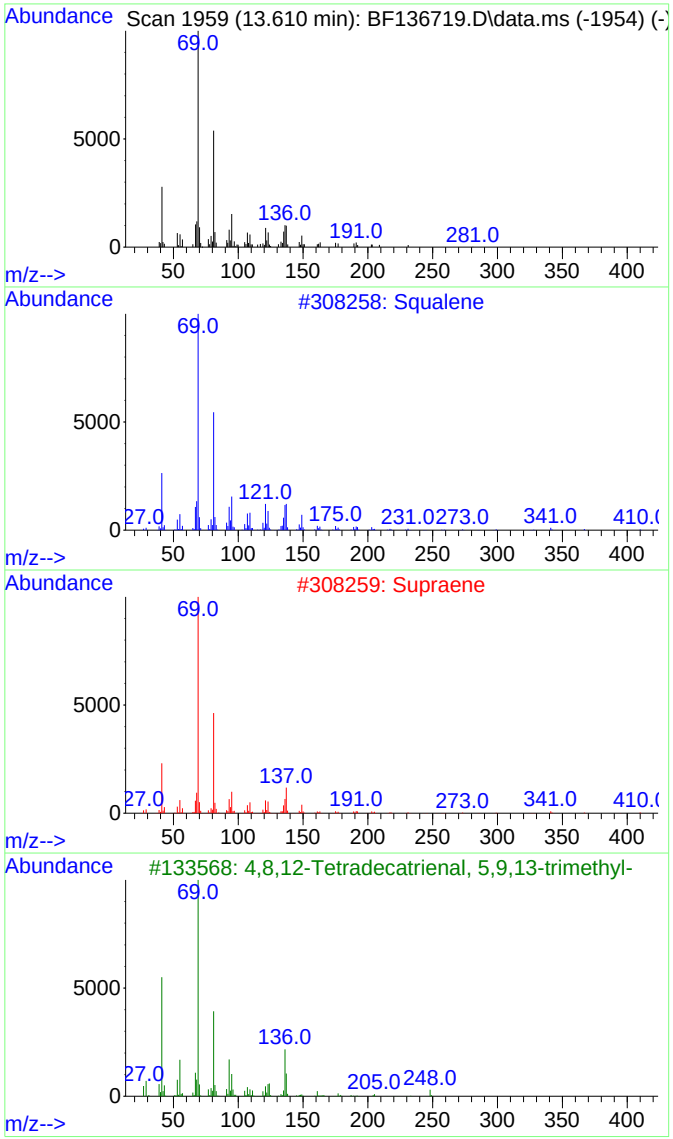
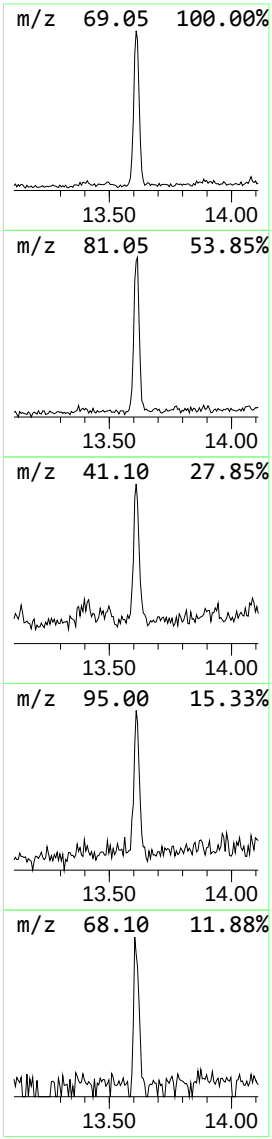
Peak Number 4 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.610	5.72 ng	113872	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	87
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52
5	(E)-4,8-Dimethylnona-1,3,7-triene	150	C11H18	019945-61-0	50





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument :
BNA_F
ClientSampleId :
SP-303-20231218

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 ...	11.839	9.0	ng	203266	4	11.304	449480	20.0
13-Tetradecenal	12.551	2.4	ng	53758	4	11.304	449480	20.0
Pentadecanoic acid	12.627	4.4	ng	98458	4	11.304	449480	20.0
Squalene	13.610	5.7	ng	113872	5	13.963	398212	20.0