LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136838.D
Acq On : 29 Dec 2023 19:47
Operator : CG\JU
Sample : 05897-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHL-SS-30

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: BF136838.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	495	499	509	rVB	22736	30540	1.65%	0.250%
2	5.422	563	567	578	rBV	1456591	1438389	77.67%	11.763%
3	6.428	734	738	741	rBV	1593814	1438903	77.69%	11.767%
4	6.781	794	798	802	rBV	525323	403881	21.81%	3.303%
5	7.345	889	894	897	rBV	1030291	952822	51.45%	7.792%
6	8.057	1011	1015	1018	rBV	684377	533285	28.79%	4.361%
7	9.134	1194	1198	1201	rBV	2110258	1852024	100.00%	15.146%
8	9.816	1310	1314	1317	rBV	683181	604136	32.62%	4.941%
9	10.610	1444	1449	1452	rBV	1243206	1124619	60.72%	9.197%
10	11.304	1563	1567	1570	rBV	719848	633185	34.19%	5.178%
11	11.327	1570	1571	1575	rVV	36898	23895	1.29%	0.195%
12	11.380	1577	1580	1583	rVB	66706	53367	2.88%	0.436%
13	11.592	1611	1616	1625	rVB7	9686	23126	1.25%	0.189%
14	11.839	1655	1658	1670	rBV	201320	252337	13.62%	2.064%
15	12.092	1698	1701	1704	rBV	218489	162386	8.77%	1.328%
16	12.257	1726	1729	1733	rBV3	21422	22612	1.22%	0.185%
17	12.527	1771	1775	1778	rBV	17369	20872	1.13%	0.171%
18	12.633	1790	1793	1800	rBV	31446	47461	2.56%	0.388%
19	12.904	1834	1839	1842	rBV	1928720	1725798	93.18%	14.113%
20	13.869	1998	2003	2012	rBV10	14921	50187	2.71%	0.410%
21	13.963	2015	2019	2028	rVB	422797	412505	22.27%	3.373%
22	14.816	2161	2164	2167	rVB	55365	52677	2.84%	0.431%
23	15.439	2265	2270	2281	rVB	282528	369060	19.93%	3.018%

Sum of corrected areas: 12228067

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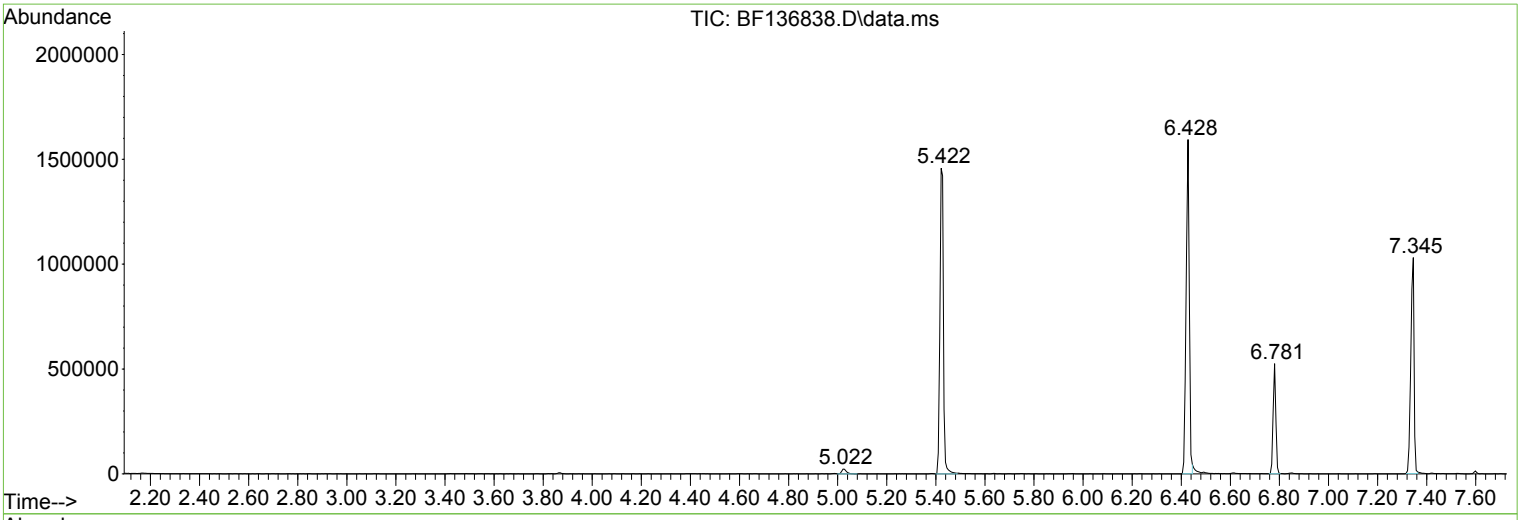
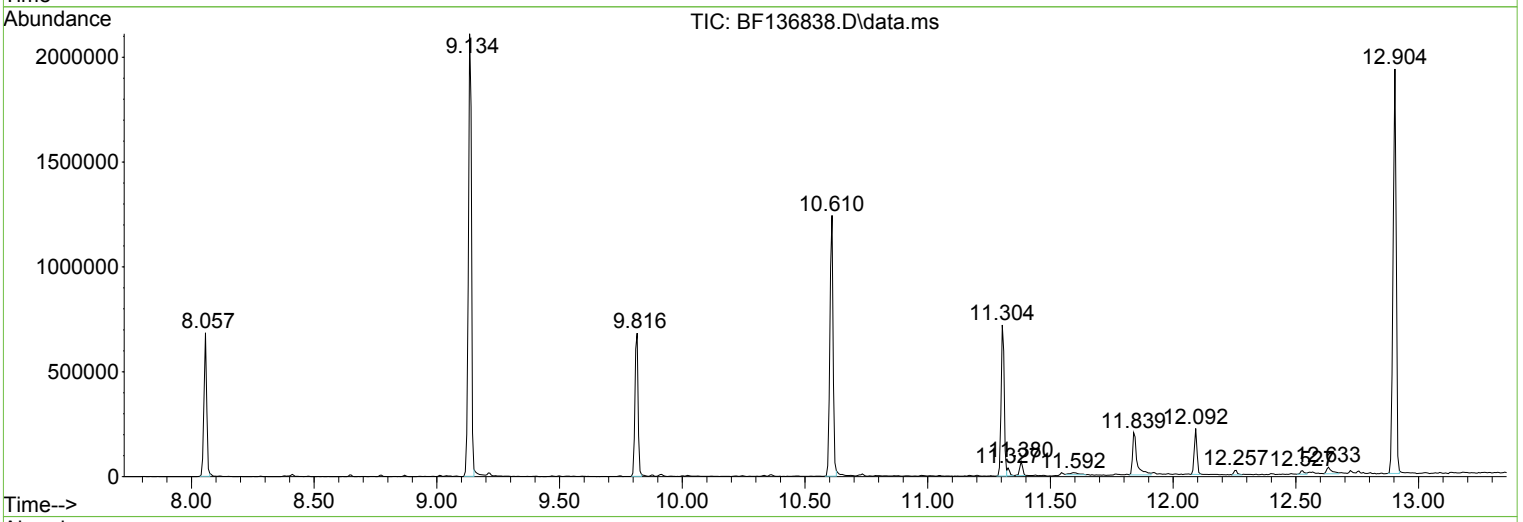
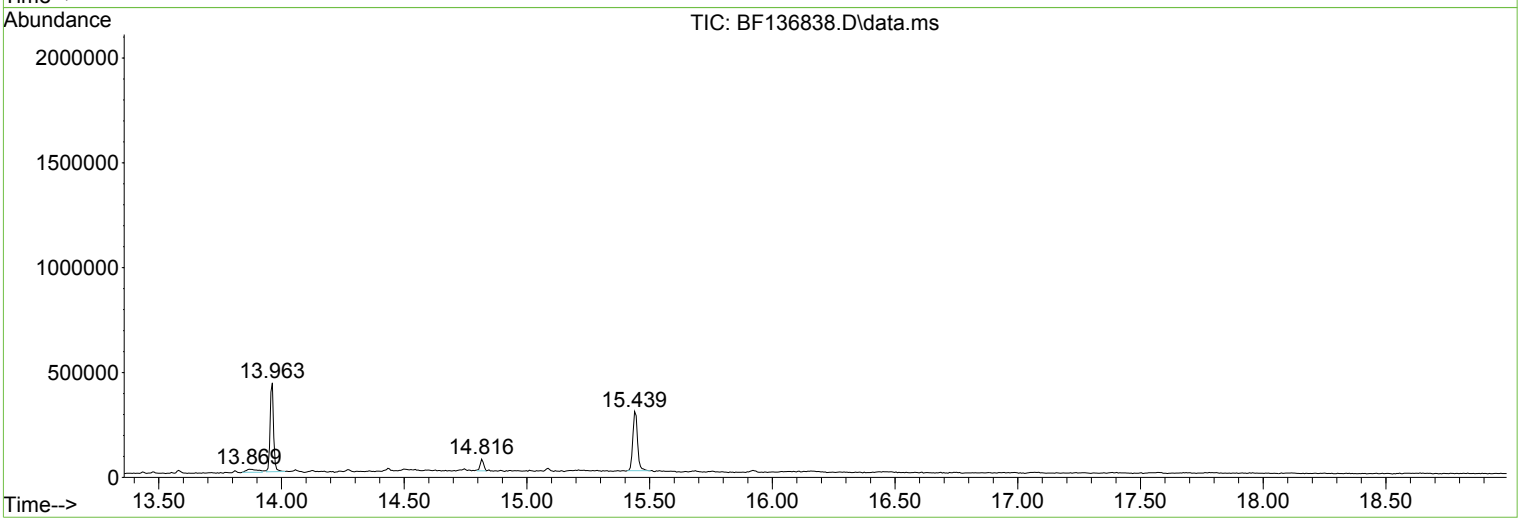
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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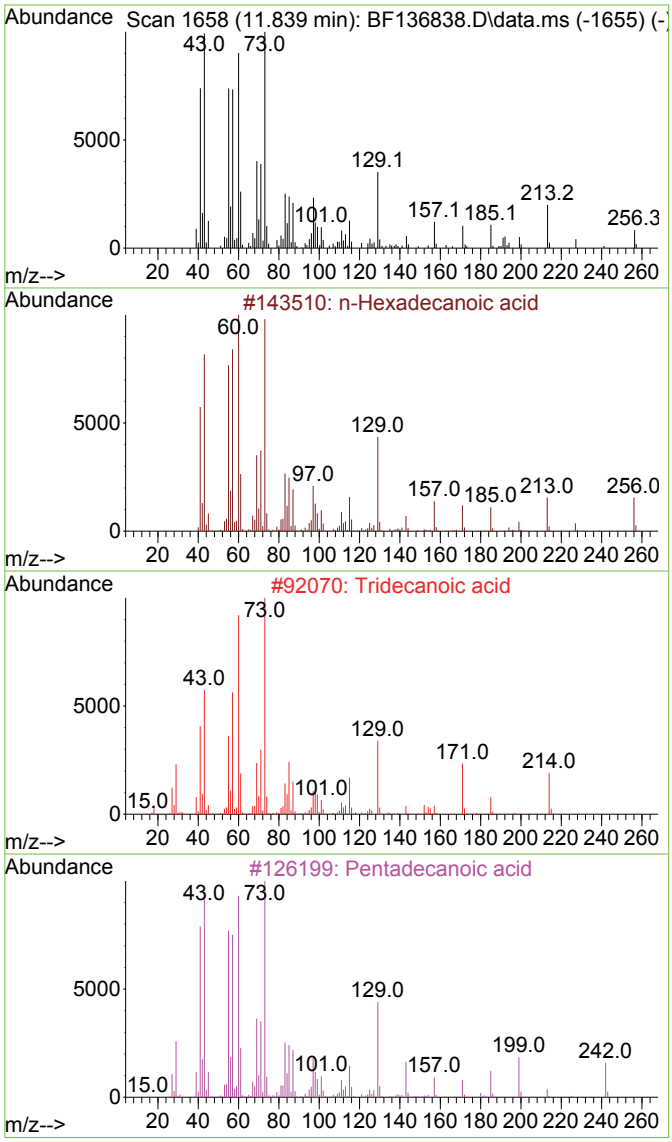
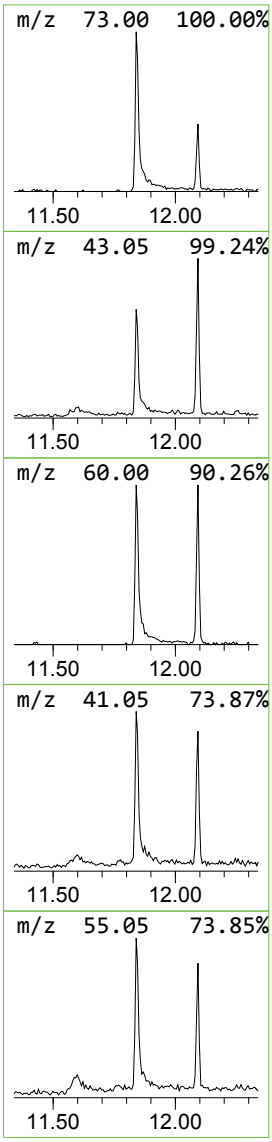
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	7.97 ng	252337	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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Octanoic acid	144	C8H16O2	000124-07-2	43





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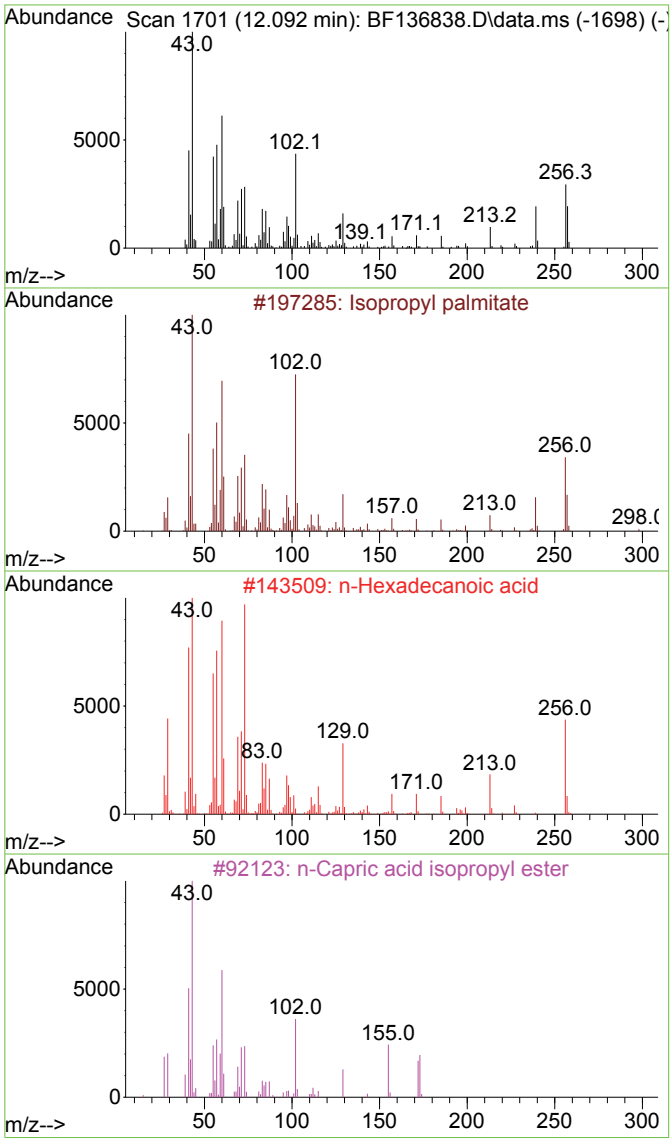
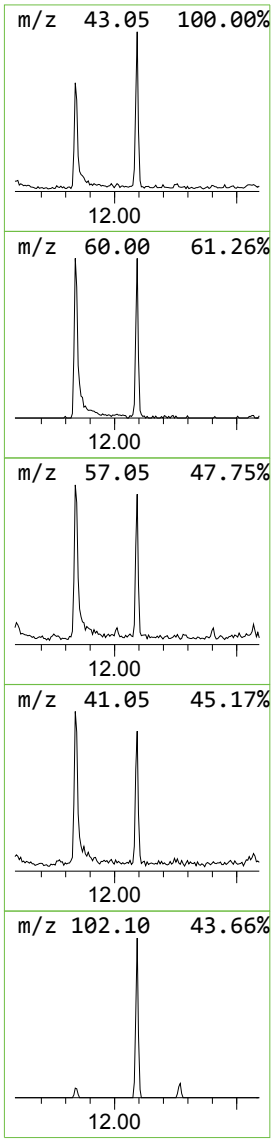
Peak Number 2 Isopropyl palmitate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	5.13 ng	162386	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl palmitate	298	C19H38O2	000142-91-6	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
3	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	43
4	Nonanoic acid, 1-methylethyl ester	200	C12H24O2	028267-32-5	37
5	8-Methylnonanoic acid, isopropyl...	214	C13H26O2	1000452-00-6	35





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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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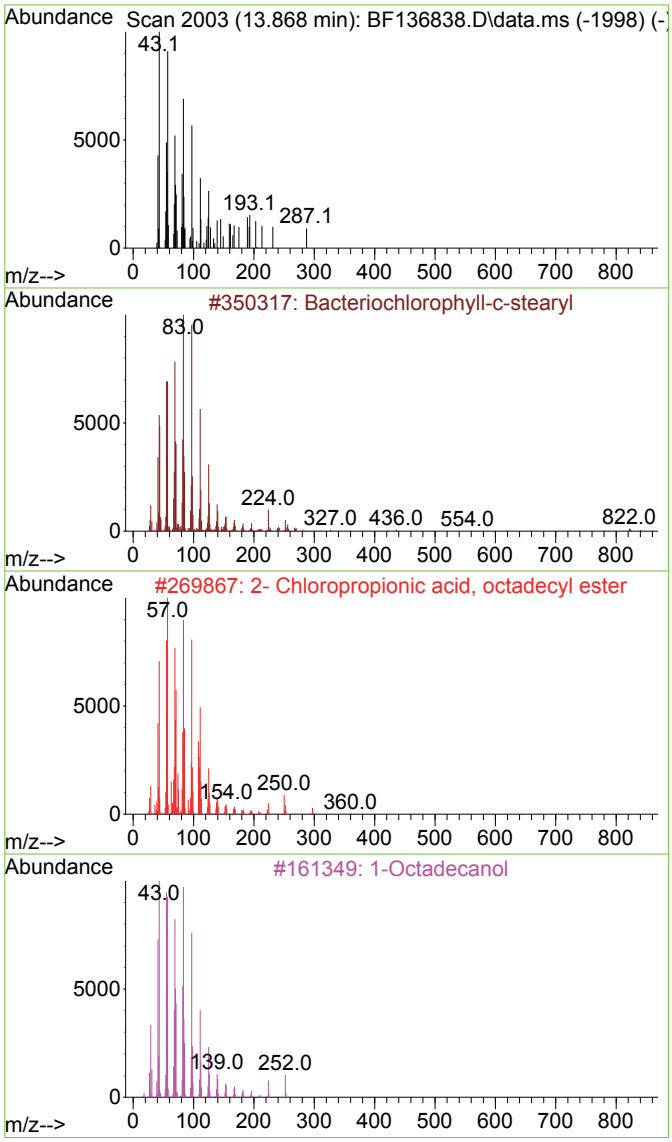
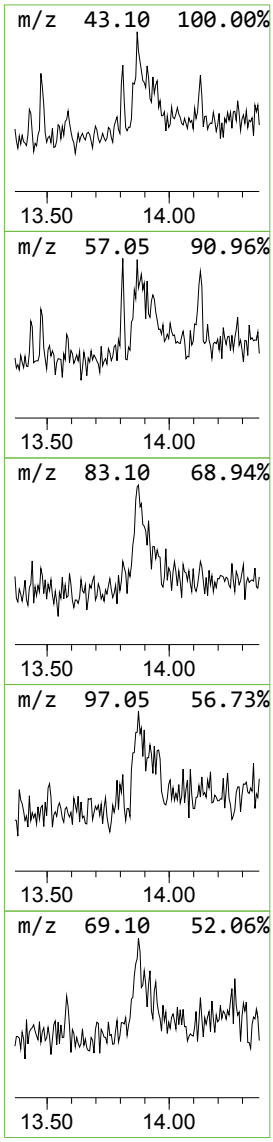
Peak Number 3 Bacteriochlorophyll-c-stearyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	2.43 ng	50187	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1010164-49-7	53
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	52
3	1-Octadecanol	270	C18H38O	000112-92-5	50
4	Acetic acid n-octadecyl ester	312	C20H40O2	000822-23-1	50
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	50





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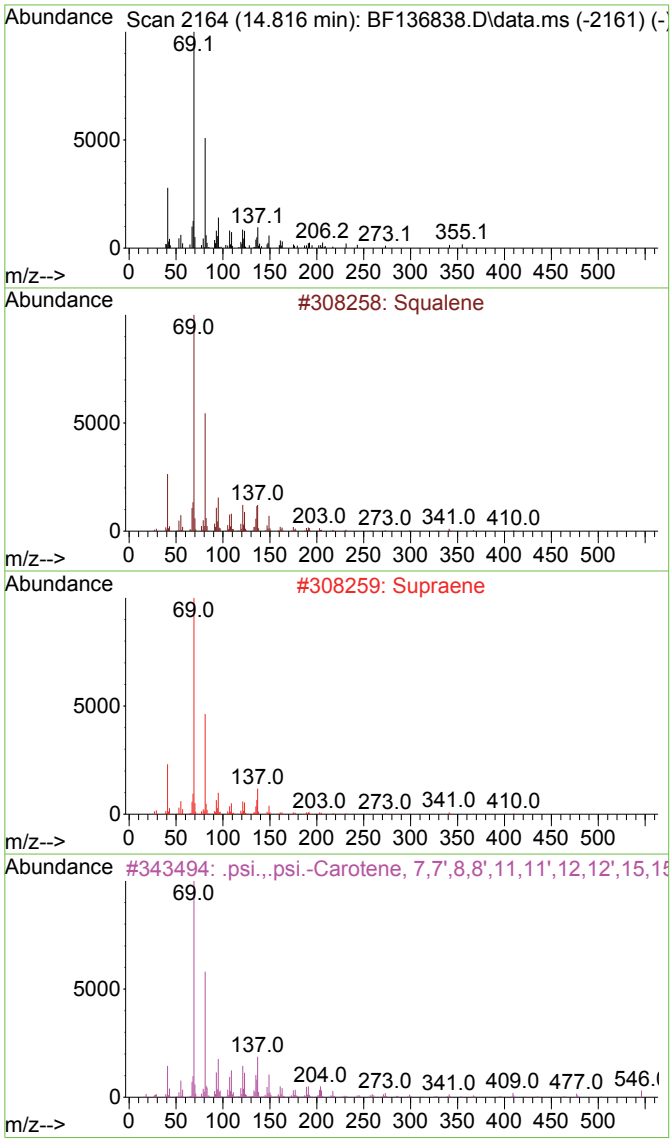
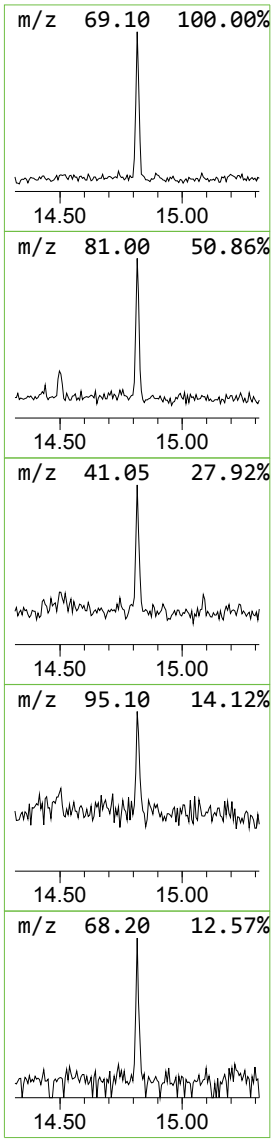
Peak Number 4 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.816	2.85 ng	52677	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	83
2	Supraene	410	C30H50	007683-64-9	83
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	72
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.839	8.0	ng	252337	4	11.304	633185	20.0
Isopropyl palmi...	12.092	5.1	ng	162386	4	11.304	633185	20.0
Bacteriochlorop...	13.868	2.4	ng	50187	5	13.963	412505	20.0
Squalene	14.816	2.9	ng	52677	6	15.439	369060	20.0