LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118842.D
Acq On : 6 Feb 2020 17:37
Operator : CG/JU
Sample : L1409-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROW-6-5

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-BF020320.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	2.146	6	10	15	rVB	26646	37304	1.59%	0.147%
2	5.010	495	497	504	rVB	33159	36561	1.55%	0.144%
3	5.428	564	568	582	rBV	1993452	1771244	75.28%	6.988%
4	6.440	736	740	752	rBV	2048628	1740123	73.96%	6.865%
5	6.810	800	803	807	rBV	1500284	1299087	55.21%	5.125%
6	6.969	826	830	833	rBV	2029096	1635856	69.53%	6.453%
7	7.369	894	898	901	rBV	1399714	1146043	48.71%	4.521%
8	8.092	1017	1021	1025	rBV	1912523	1633122	69.41%	6.443%
9	9.169	1200	1204	1207	rBV	2782546	2303233	97.89%	9.086%
10	9.286	1222	1224	1228	rVB	153414	135555	5.76%	0.535%
11	9.563	1268	1271	1275	rBV	157085	159651	6.79%	0.630%
12	9.851	1315	1320	1330	rBV	1994365	1999970	85.00%	7.890%
13	10.504	1425	1431	1434	rBV4	23017	29981	1.27%	0.118%
14	10.633	1449	1453	1467	rBV	1588919	1545749	65.70%	6.098%
15	10.757	1471	1474	1482	rVB4	46170	72319	3.07%	0.285%
16	11.204	1547	1550	1552	rBV2	41605	34576	1.47%	0.136%
17	11.233	1552	1555	1560	rVB4	28070	36160	1.54%	0.143%
18	11.333	1568	1572	1575	rBV	1956695	1917052	81.48%	7.563%
19	11.563	1605	1611	1620	rBV9	37492	88653	3.77%	0.350%
20	11.857	1658	1661	1670	rBV2	191577	216977	9.22%	0.856%
21	11.939	1672	1675	1678	rBV3	29897	28724	1.22%	0.113%
22	12.033	1688	1691	1695	rBV2	37838	36255	1.54%	0.143%
23	12.380	1747	1750	1753	rBV	40080	44309	1.88%	0.175%
24	12.427	1753	1758	1762	rVB6	51462	82714	3.52%	0.326%
25	12.539	1774	1777	1780	rVB	146745	121984	5.18%	0.481%
26	12.639	1791	1794	1801	rBV4	74835	126885	5.39%	0.501%
27	12.769	1813	1816	1818	rBV	134846	110340	4.69%	0.435%
28	12.792	1818	1820	1824	rVB2	37424	33884	1.44%	0.134%
29	12.910	1836	1840	1844	rBV	2501072	2352835	100.00%	9.282%
30	13.816	1991	1994	2002	rVB2	221529	320661	13.63%	1.265%
31	13.963	2015	2019	2023	rBV	1753043	1957727	83.21%	7.723%
32	14.439	2098	2100	2103	rBV2	122621	154328	6.56%	0.609%
33	14.816	2162	2164	2170	rVB	192665	199439	8.48%	0.787%
34	15.415	2261	2266	2270	rBV	1522633	1939263	82.42%	7.650%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118842.D
Acq On : 6 Feb 2020 17:37
Operator : CG/JU
Sample : L1409-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROW-6-5

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-BF020320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

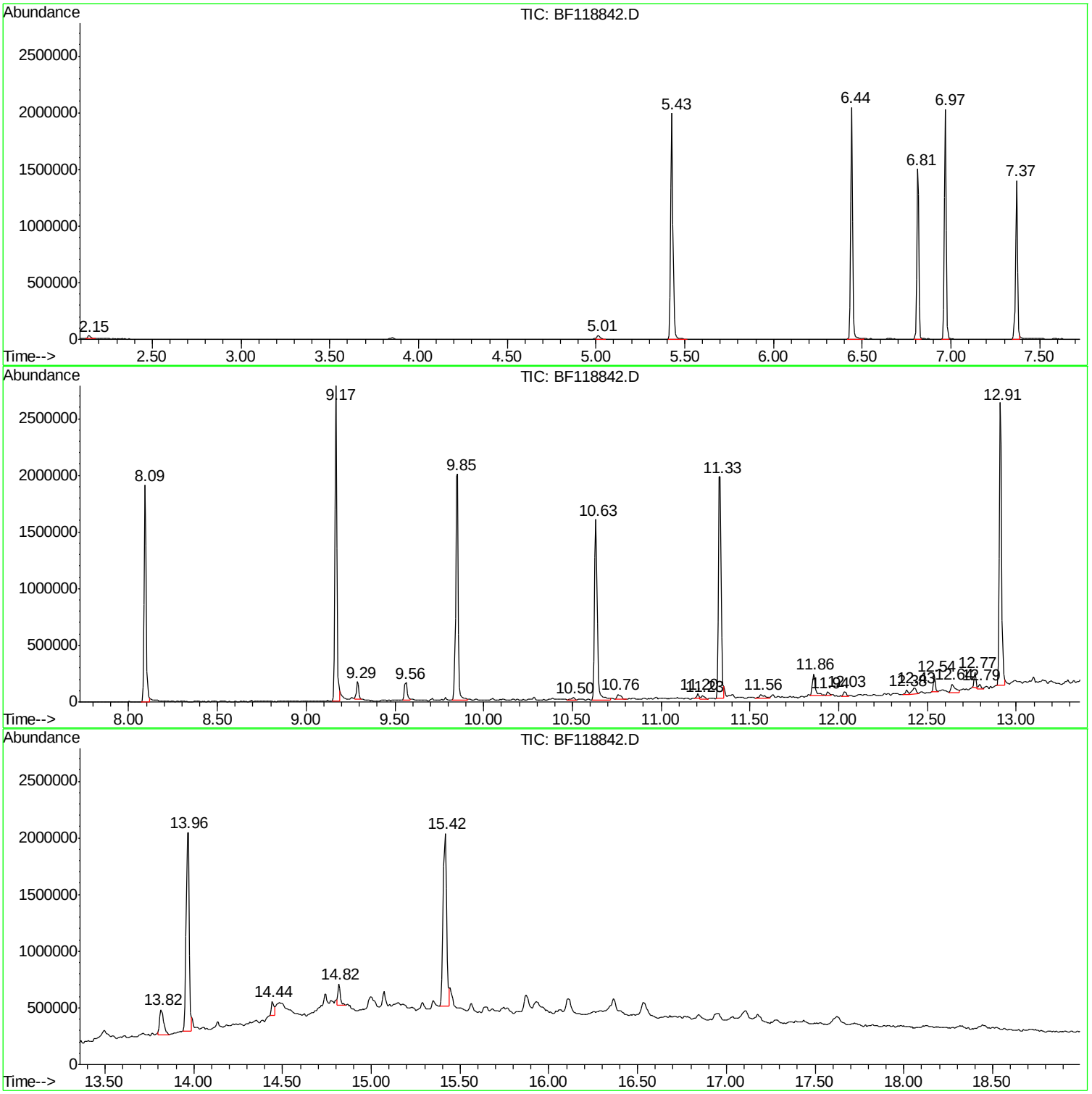
Sum of corrected areas: 25348564

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118842.D
Acq On : 6 Feb 2020 17:37
Operator : CG/JU
Sample : L1409-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROW-6-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118842.D
Acq On : 6 Feb 2020 17:37
Operator : CG/JU
Sample : L1409-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROW-6-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

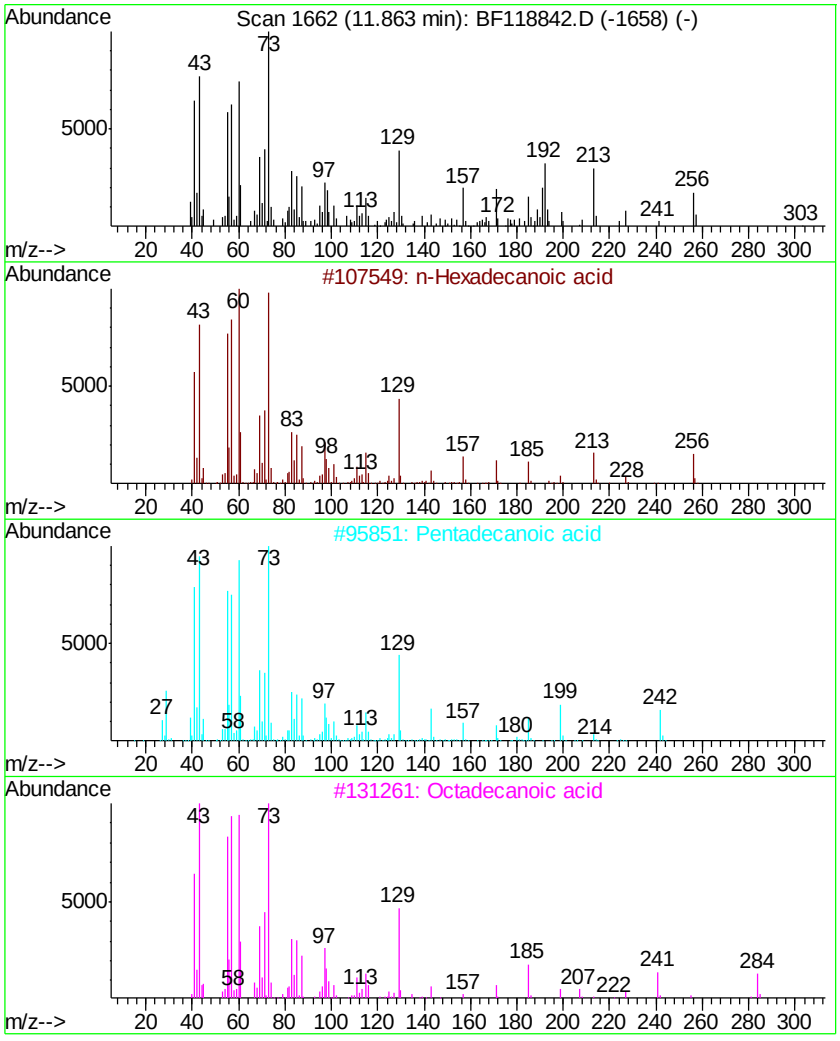
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

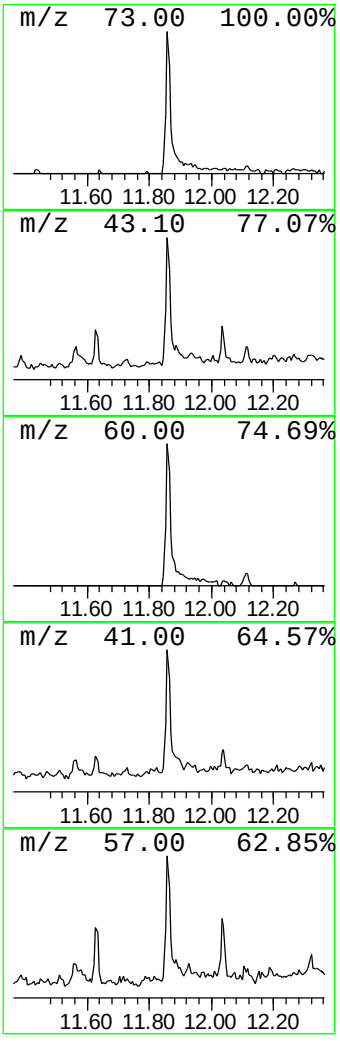
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.26 ng	216977	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3	Octadecanoic acid	284	C18H36O2	000057-11-4	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	52
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118842.D
Acq On : 6 Feb 2020 17:37
Operator : CG/JU
Sample : L1409-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROW-6-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

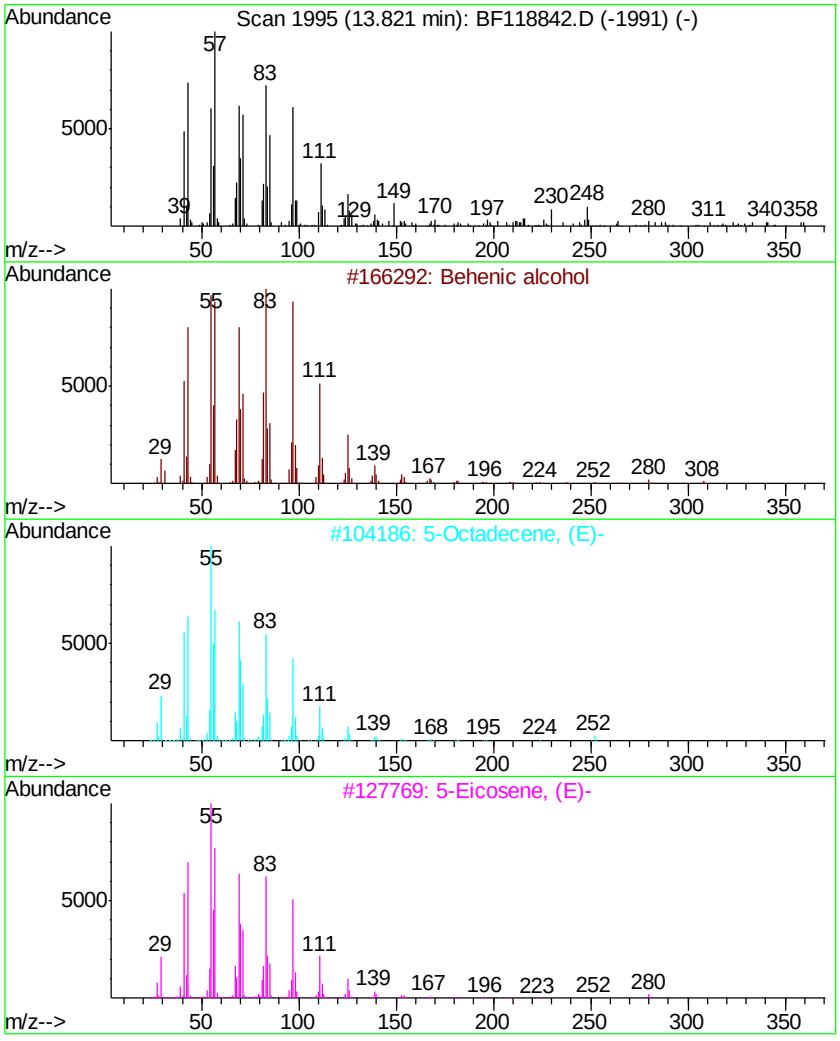
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

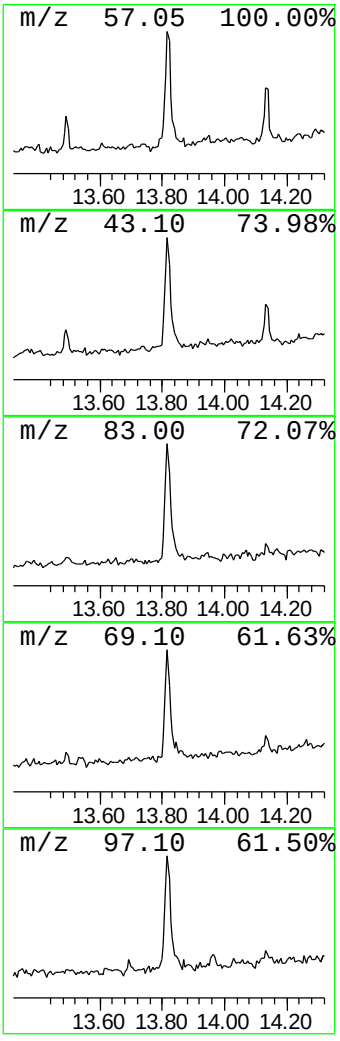
****

Peak Number 3 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.28 ng	320661	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	92
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	92
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118842.D
Acq On : 6 Feb 2020 17:37
Operator : CG/JU
Sample : L1409-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROW-6-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

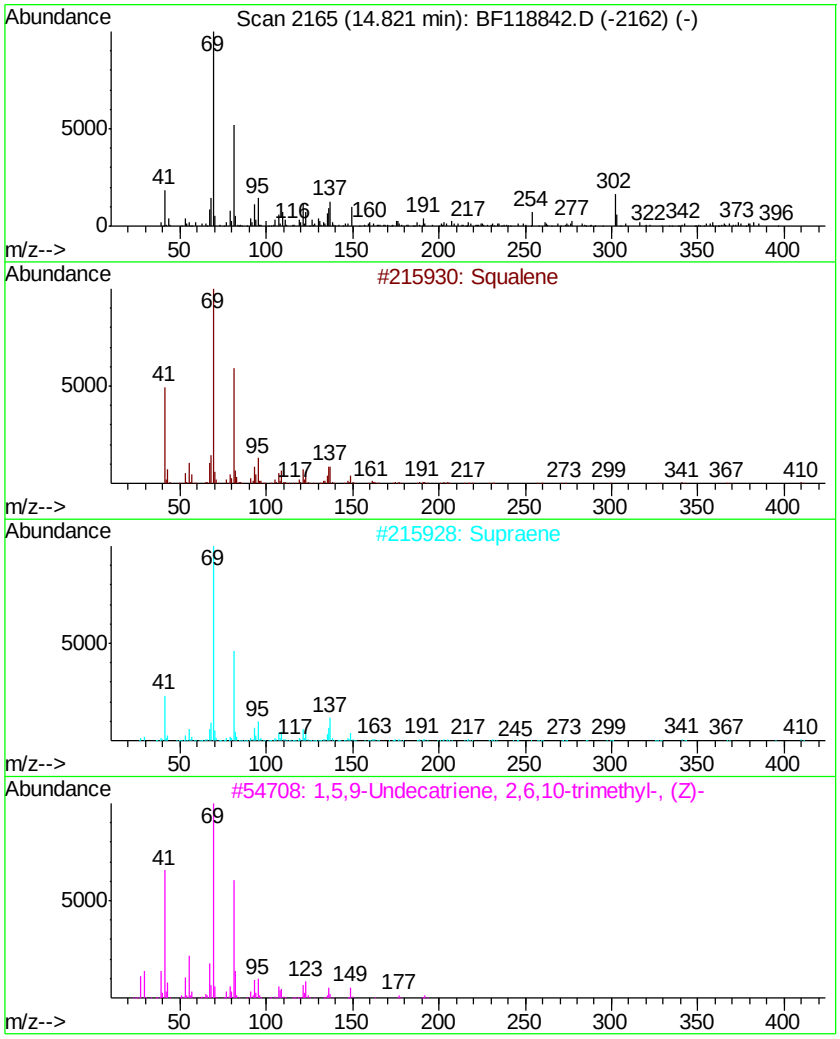
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

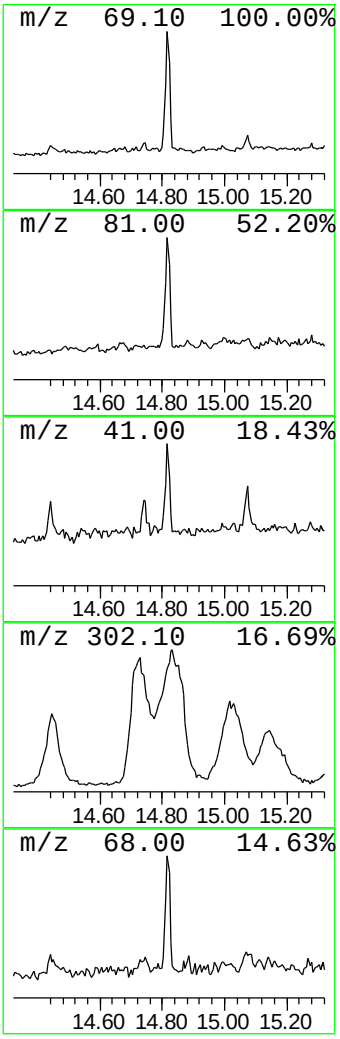
****

Peak Number 4 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.06 ng	199439	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	81
2	Supraene	410	C30H50	007683-64-9	81
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	64
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	50
5	1,6,10,14-Hexadecatetraen-3-ol, ...	290	C20H34O	001113-21-9	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020620\
Data File : BF118842.D
Acq On : 6 Feb 2020 17:37
Operator : CG/JU
Sample : L1409-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROW-6-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	11.86	2.3	ng	216977	4	11.33	1917050	20.0
Behenic alcohol	13.82	3.3	ng	320661	5	13.97	1957730	20.0
Squalene	14.82	2.1	ng	199439	6	15.42	1939260	20.0