LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119108.D
Acq On : 27 Feb 2020 14:14
Operator : CG/JU
Sample : L1688-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-05-022520

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-BF022020.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	4.951	484	487	499	rVB	46862	64104	1.96%	0.263%
2	5.369	554	558	582	rBV	2265344	2259414	69.16%	9.253%
3	6.387	727	731	750	rBV	2237895	2239493	68.55%	9.172%
4	6.745	788	792	802	rBV	858481	760376	23.28%	3.114%
5	6.898	814	818	822	rBV	2224459	2041974	62.51%	8.363%
6	7.304	883	887	904	rBV	1586180	1496839	45.82%	6.130%
7	8.022	1006	1009	1030	rBV	1032278	1026256	31.42%	4.203%
8	9.098	1188	1192	1196	rBV	3382638	3102631	94.98%	12.706%
9	9.492	1256	1259	1268	rBV	268079	241036	7.38%	0.987%
10	9.775	1303	1307	1311	rBV	1392052	1273796	38.99%	5.217%
11	10.563	1437	1441	1459	rBV	2004297	2041896	62.51%	8.362%
12	11.257	1556	1559	1563	rBV	1397988	1288277	39.44%	5.276%
13	11.792	1645	1650	1654	rBV	156055	175603	5.38%	0.719%
14	12.039	1689	1692	1696	rVB	43872	34882	1.07%	0.143%
15	12.574	1779	1783	1795	rBV2	32294	51314	1.57%	0.210%
16	12.845	1824	1829	1832	rBV	3615580	3266748	100.00%	13.379%
17	13.739	1977	1981	1991	rBV2	157328	231258	7.08%	0.947%
18	13.898	2004	2008	2016	rBV	1172045	1096076	33.55%	4.489%
19	14.363	2082	2087	2095	rBV	48848	77613	2.38%	0.318%
20	14.515	2110	2113	2118	rVB	34013	39223	1.20%	0.161%
21	14.657	2134	2137	2143	rVB	67574	77816	2.38%	0.319%
22	14.733	2146	2150	2153	rVV	268265	271606	8.31%	1.112%
23	14.980	2188	2192	2197	rVB	77497	90196	2.76%	0.369%
24	15.327	2246	2251	2259	rBV	775810	1025710	31.40%	4.201%
25	15.745	2317	2322	2328	rBV2	58357	86173	2.64%	0.353%
26	16.215	2398	2402	2409	rVB4	33895	57482	1.76%	0.235%

Sum of corrected areas: 24417792

LSC Report - Integrated Chromatogram

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Misc :
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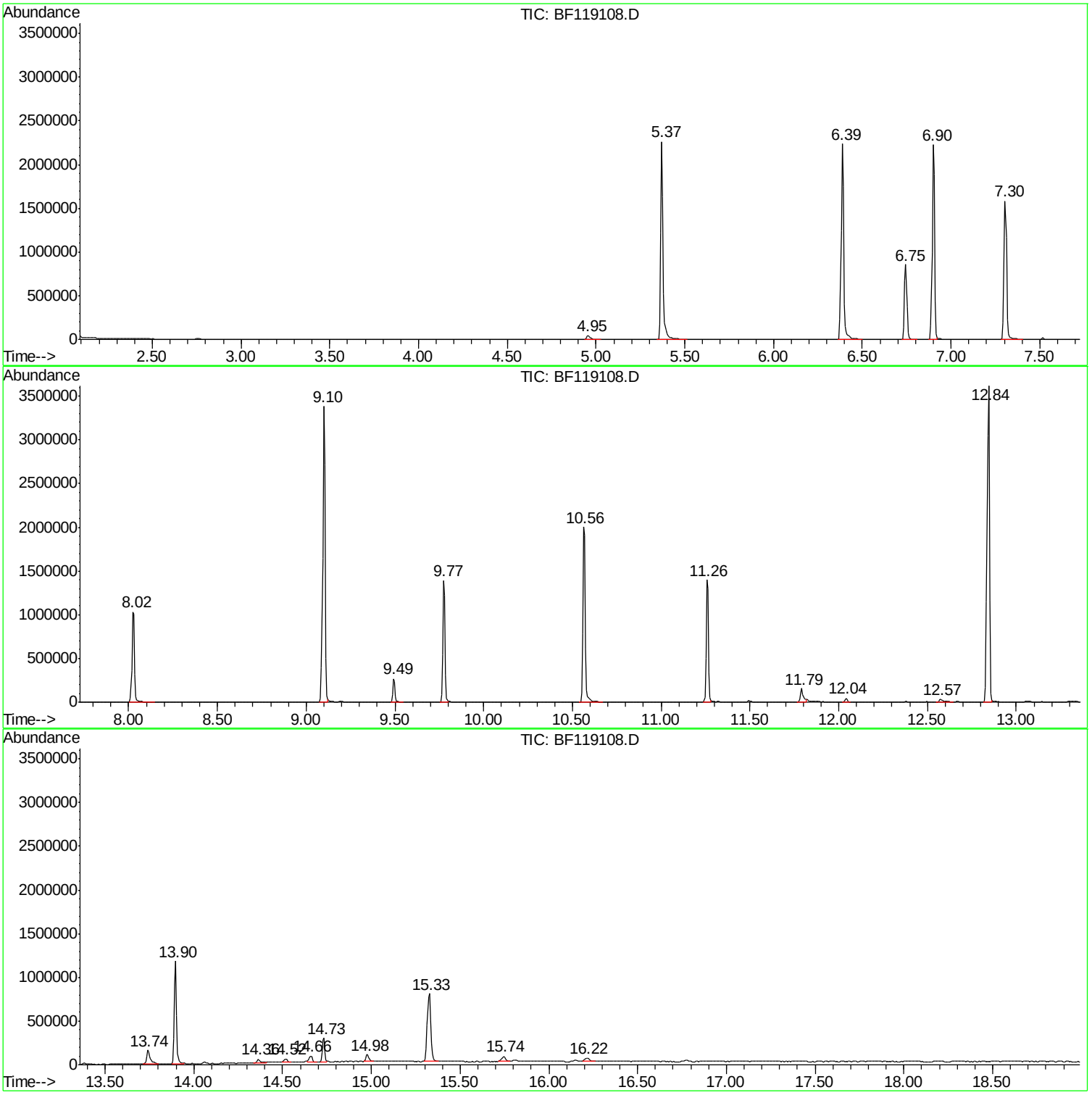
Instrument : BNA_F
ClientSampleId : GP-05-022520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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

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Instrument : BNA_F
ClientSampleId : GP-05-022520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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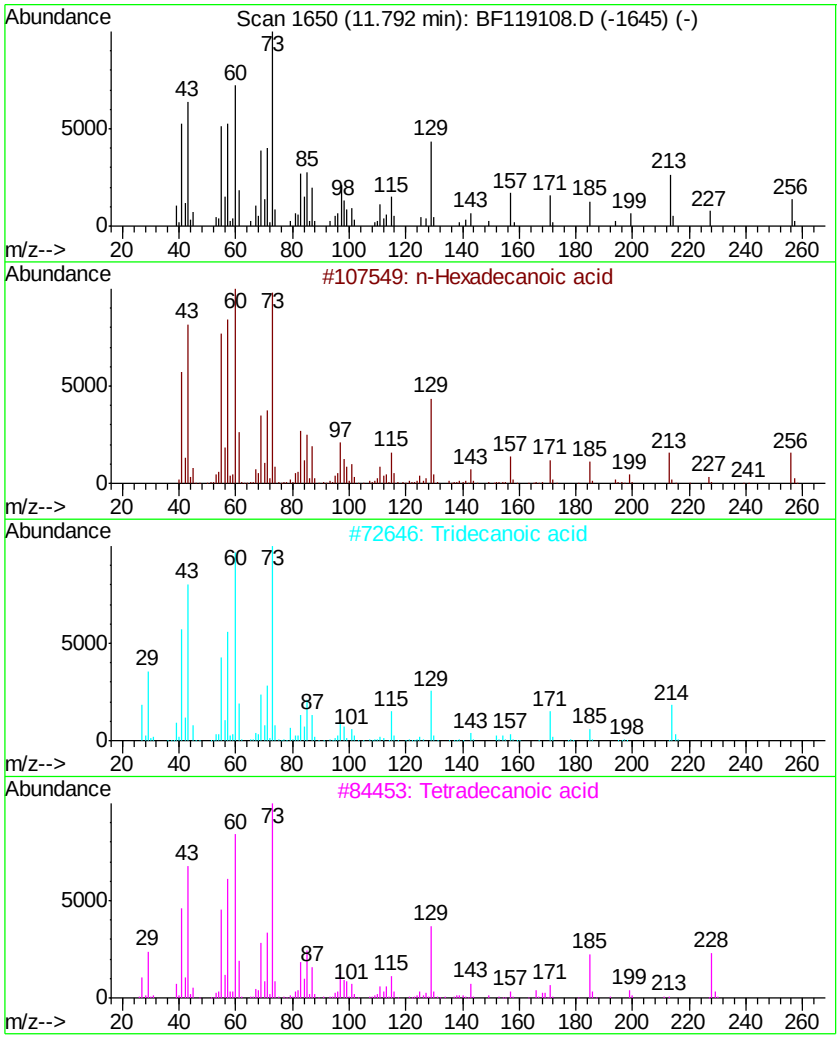
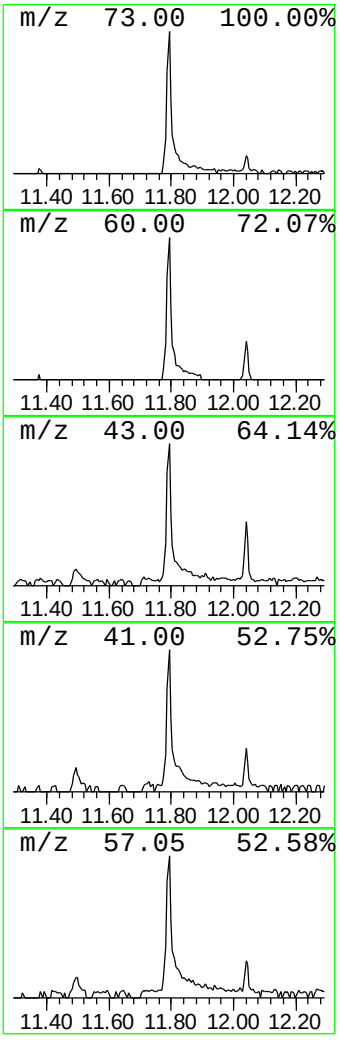
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.73 ng	175603	Phenanthrene-d10	11.26

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : GP-05-022520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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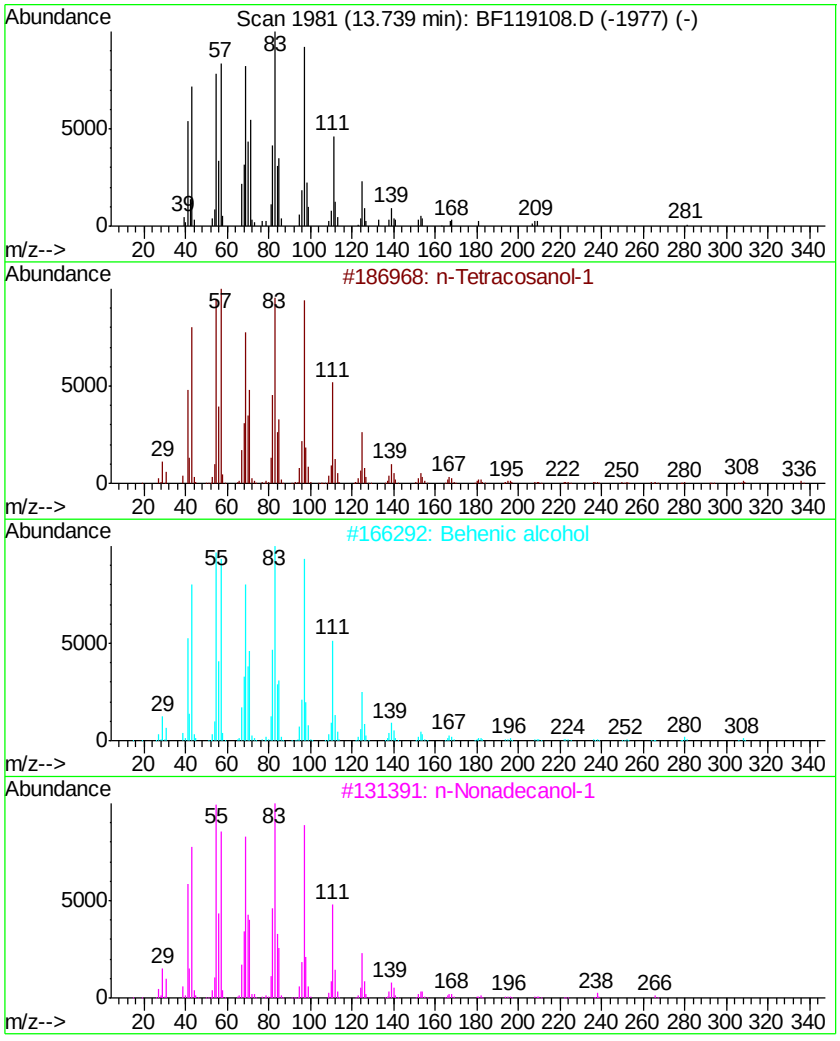
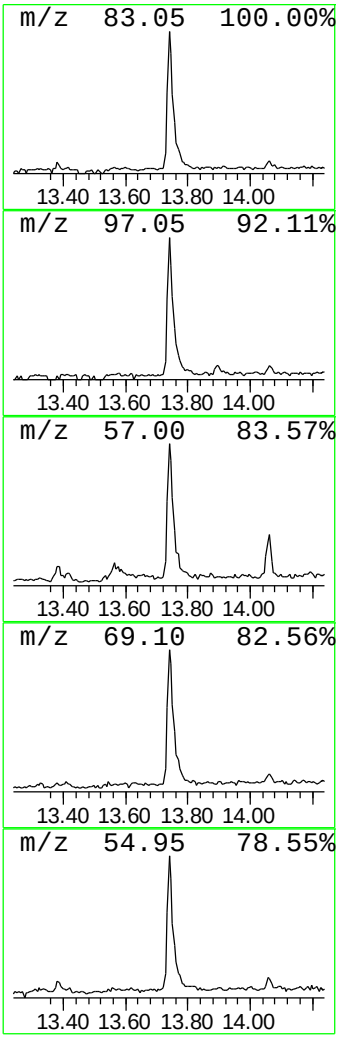
Peak Number 3 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	4.22 ng	231258	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-05-022520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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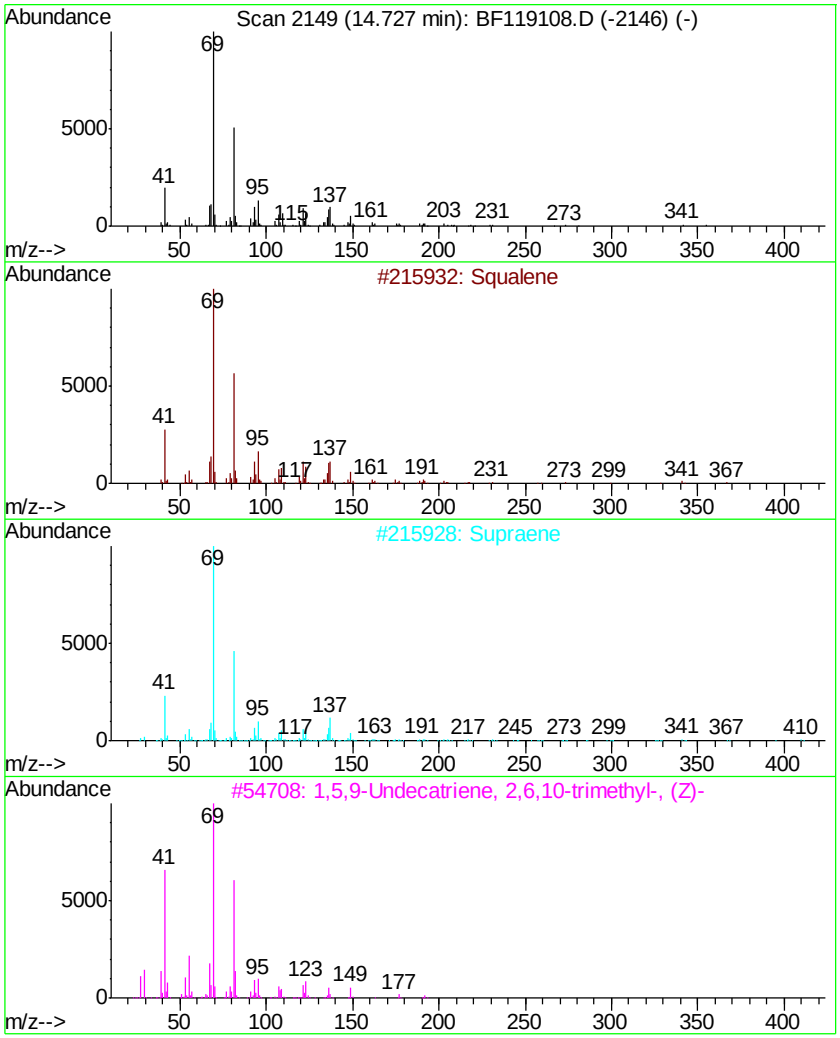
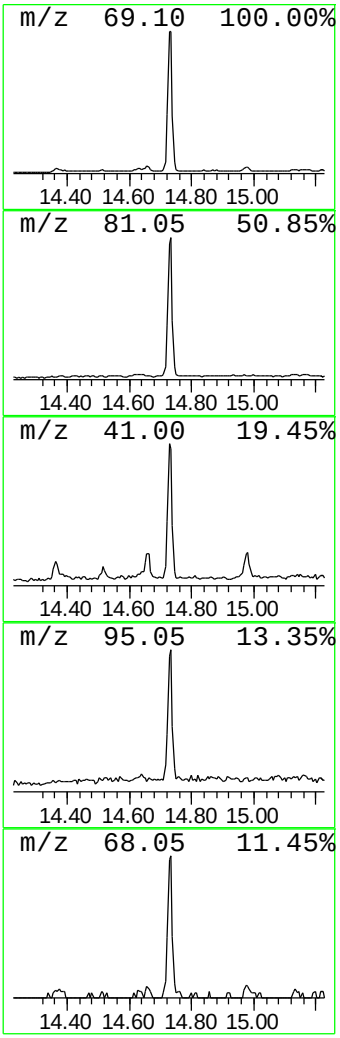
Peak Number 4 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	5.30 ng	271606	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
4	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	78
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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	11.79	2.7	ng	175603	4	11.26	1288280	20.0
n-Tetracosanol-1	13.74	4.2	ng	231258	5	13.90	1096080	20.0
Squalene	14.73	5.3	ng	271606	6	15.33	1025710	20.0