LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119239.D
Acq On : 6 Mar 2020 4:22
Operator : CG/JU
Sample : L1748-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-030320

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	5.357	553	556	576	rBV	2524669	2601328	52.38%	7.475%
2	6.381	726	730	757	rBV	2554186	2582794	52.01%	7.421%
3	6.722	785	788	796	rBV	976807	849070	17.10%	2.440%
4	6.881	811	815	830	rVB	2608548	2356136	47.44%	6.770%
5	7.286	880	884	895	rBV	1624167	1739477	35.03%	4.998%
6	8.004	1001	1006	1012	rBV	1248611	1116238	22.48%	3.207%
7	9.080	1184	1189	1192	rBV	3904421	3404923	68.56%	9.784%
8	9.475	1253	1256	1264	rVB	294670	283398	5.71%	0.814%
9	9.757	1297	1304	1308	rBV	1445884	1266921	25.51%	3.640%
10	10.410	1410	1415	1420	rVB2	41037	50184	1.01%	0.144%
11	10.545	1435	1438	1450	rVB	1922283	1876793	37.79%	5.393%
12	10.674	1455	1460	1466	rVB	78787	109831	2.21%	0.316%
13	11.239	1553	1556	1559	rBV	1275139	1080461	21.76%	3.105%
14	11.263	1559	1560	1565	rVB	79396	68849	1.39%	0.198%
15	11.633	1619	1623	1627	rBV	1519473	1234418	24.86%	3.547%
16	11.774	1644	1647	1653	rBV	196378	196795	3.96%	0.565%
17	12.321	1732	1740	1742	rBV	4575090	4966313	100.00%	14.270%
18	12.339	1742	1743	1750	rVV	3531035	3053313	61.48%	8.773%
19	12.421	1754	1757	1760	rBV	635958	552370	11.12%	1.587%
20	12.457	1760	1763	1766	rBV	141483	148937	3.00%	0.428%
21	12.557	1777	1780	1786	rBV2	46272	53216	1.07%	0.153%
22	12.686	1799	1802	1809	rVB	99035	126021	2.54%	0.362%
23	12.821	1819	1825	1828	rBV	3030090	2556527	51.48%	7.346%
24	13.068	1861	1867	1873	rBV3	44223	89972	1.81%	0.259%
25	13.745	1979	1982	1989	rBV4	51973	107570	2.17%	0.309%
26	13.880	2001	2005	2008	rBV	885875	838598	16.89%	2.410%
27	14.704	2142	2145	2151	rVB	152963	153670	3.09%	0.442%
28	14.904	2176	2179	2182	rBV	60950	70434	1.42%	0.202%
29	14.951	2185	2187	2194	rVB2	71479	68211	1.37%	0.196%
30	15.192	2225	2228	2232	rVB	51390	62195	1.25%	0.179%
31	15.251	2235	2238	2242	rVV	42419	52477	1.06%	0.151%
32	15.304	2243	2247	2261	rVB	728099	925824	18.64%	2.660%
33	15.709	2312	2316	2321	rVB2	47751	66043	1.33%	0.190%
34	16.727	2484	2489	2495	rVB4	47867	92356	1.86%	0.265%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119239.D
Acq On : 6 Mar 2020 4:22
Operator : CG/JU
Sample : L1748-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-030320

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

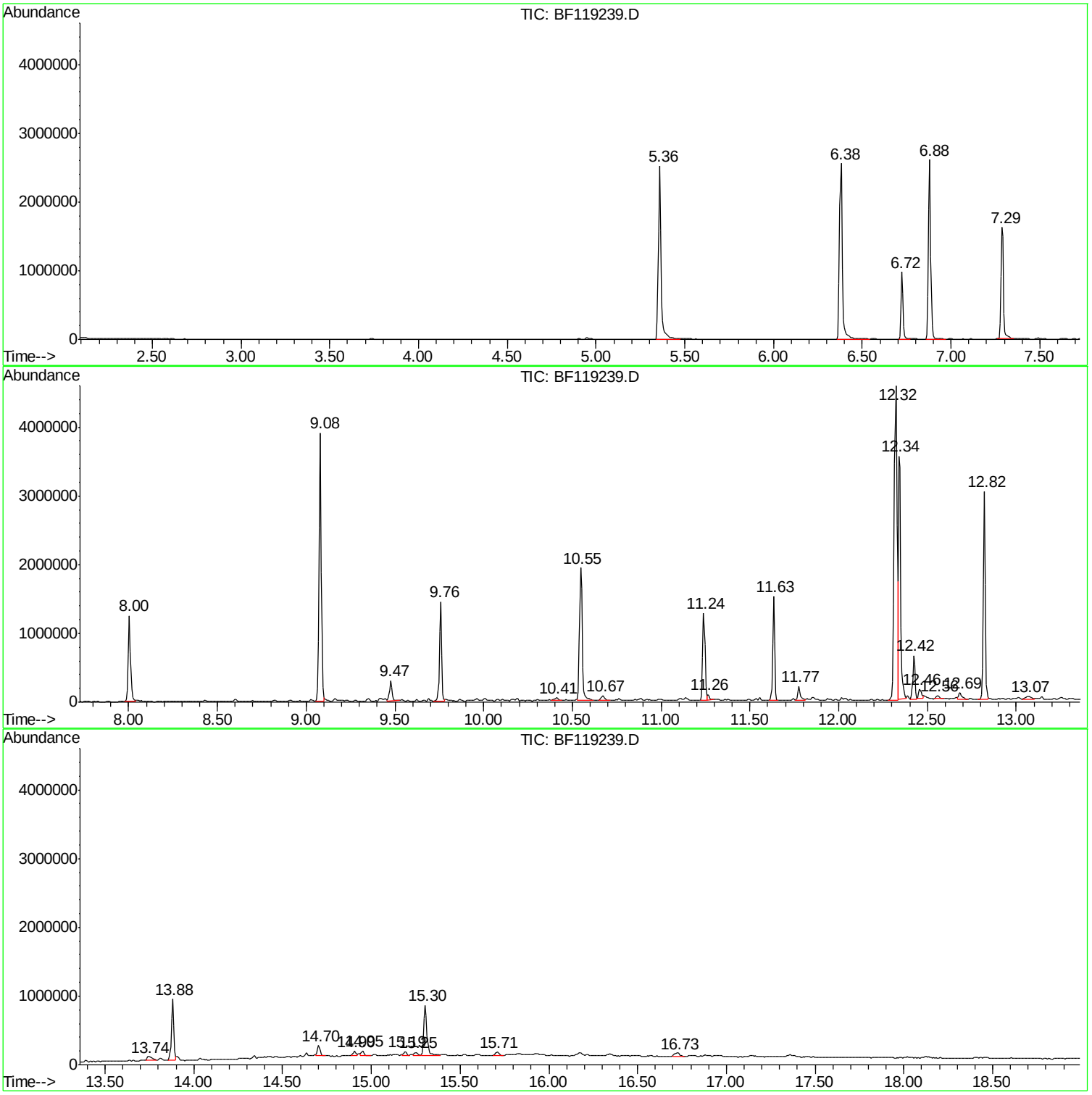
Sum of corrected areas: 34801663

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119239.D
Acq On : 6 Mar 2020 4:22
Operator : CG/JU
Sample : L1748-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-030320

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119239.D
Acq On : 6 Mar 2020 4:22
Operator : CG/JU
Sample : L1748-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-030320

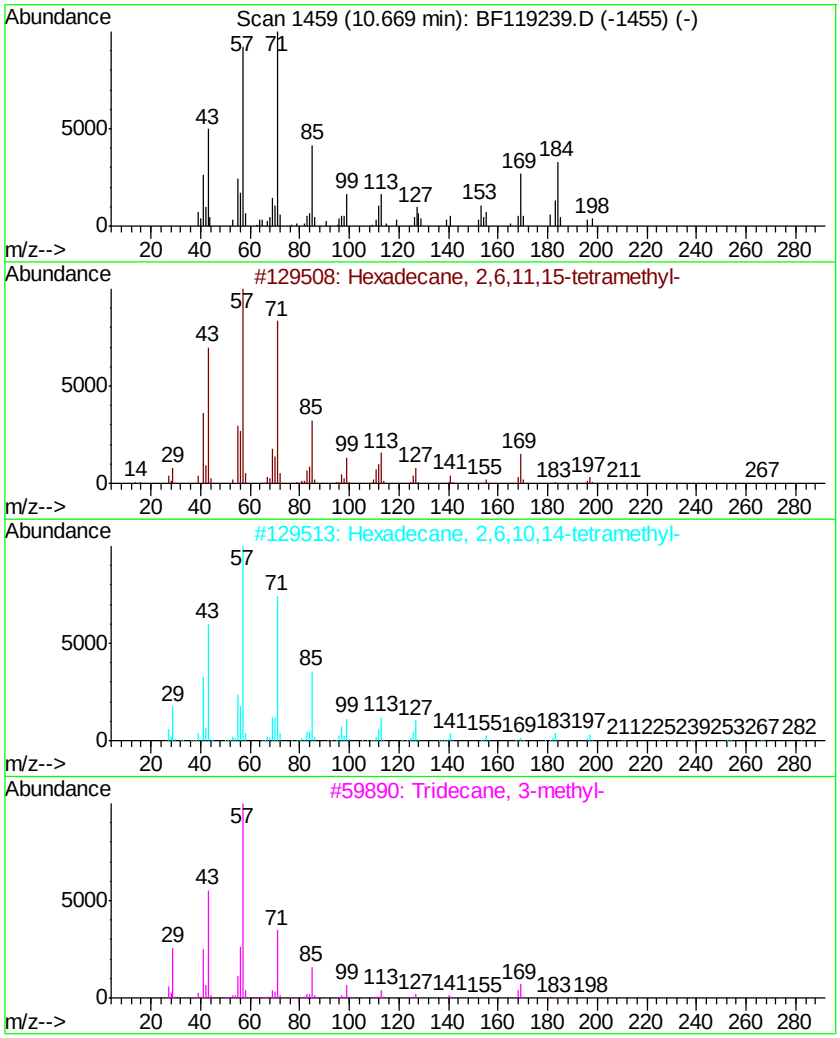
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

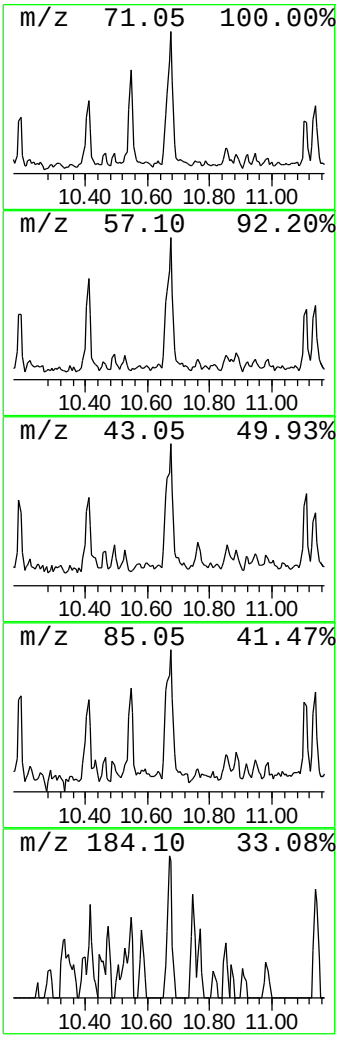
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexadecane, 2,6,11,15-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.03 ng	109831	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
4	Tridecane	184	C13H28	000629-50-5	60
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119239.D
Acq On : 6 Mar 2020 4:22
Operator : CG/JU
Sample : L1748-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-030320

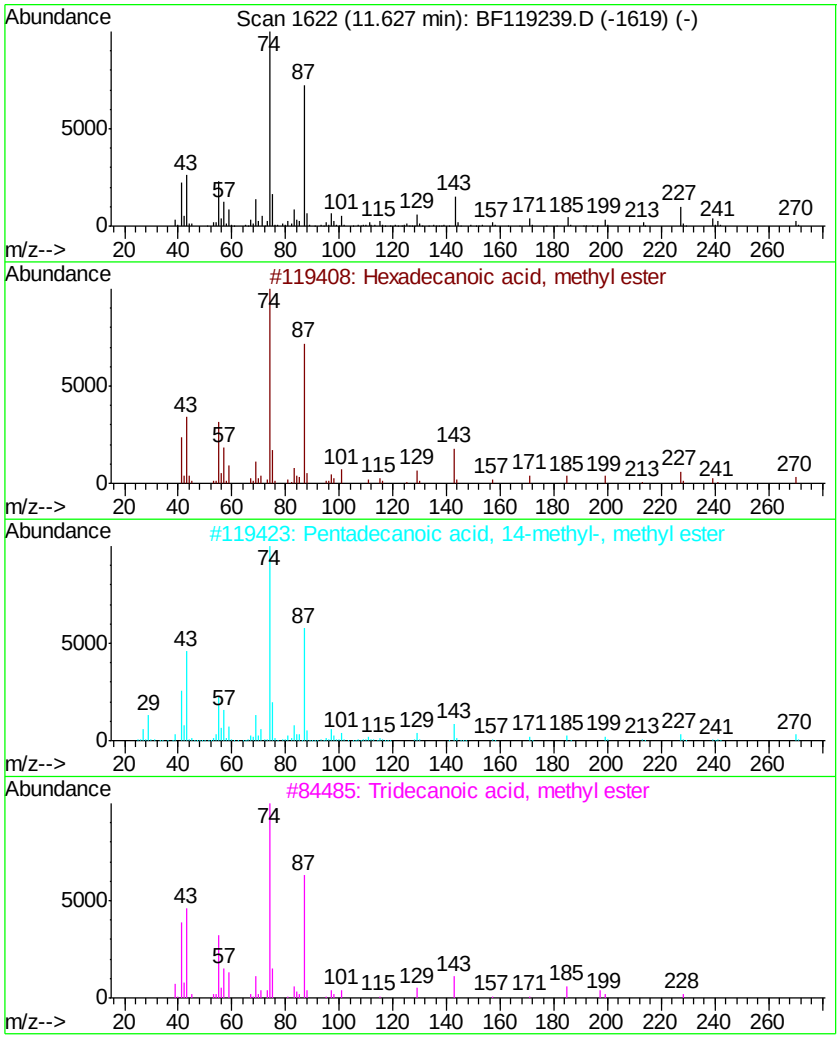
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

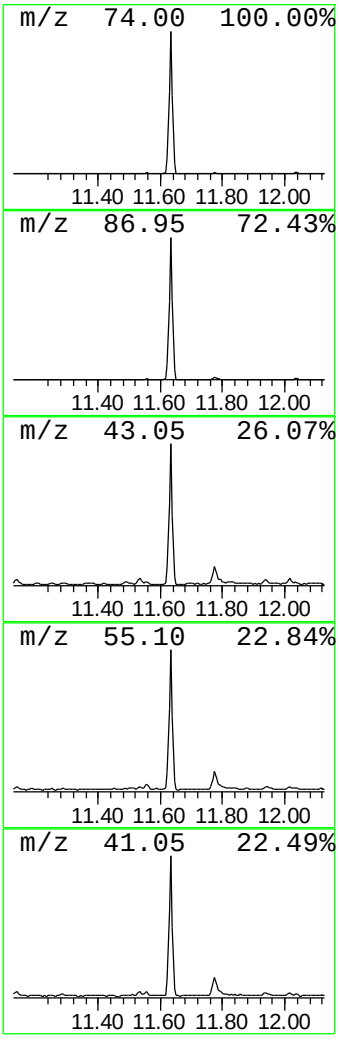
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	22.85 ng	1234420	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119239.D
Acq On : 6 Mar 2020 4:22
Operator : CG/JU
Sample : L1748-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-030320

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

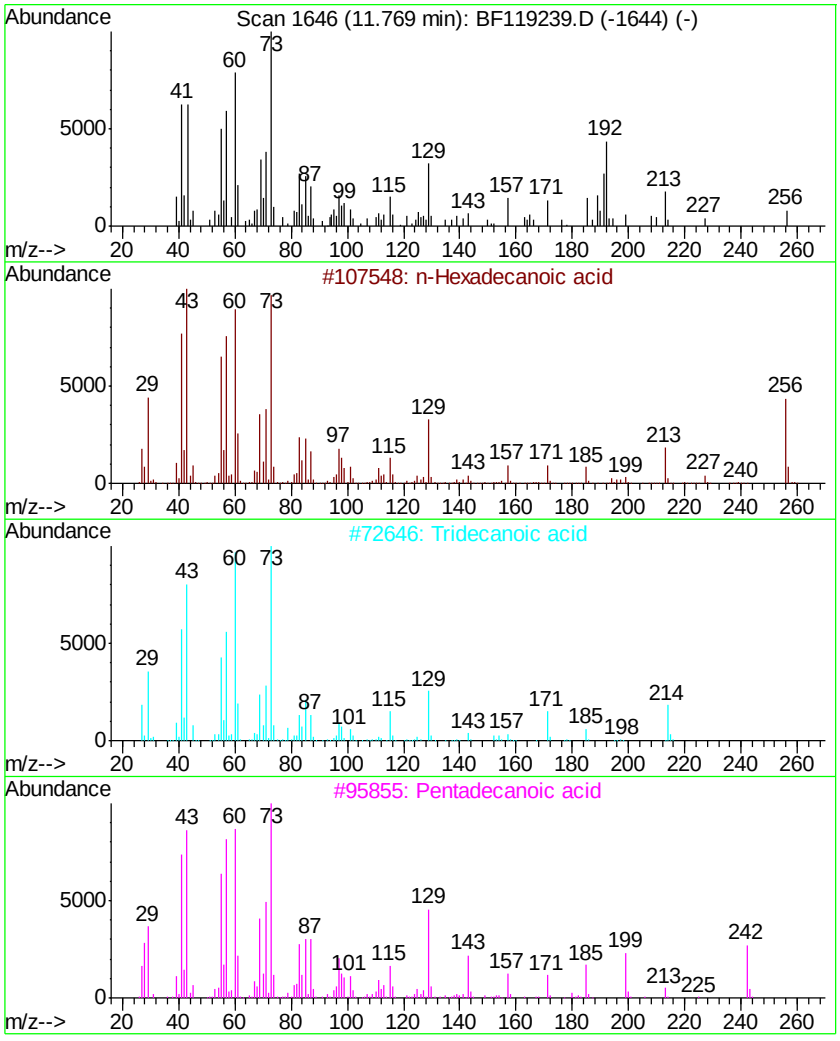
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

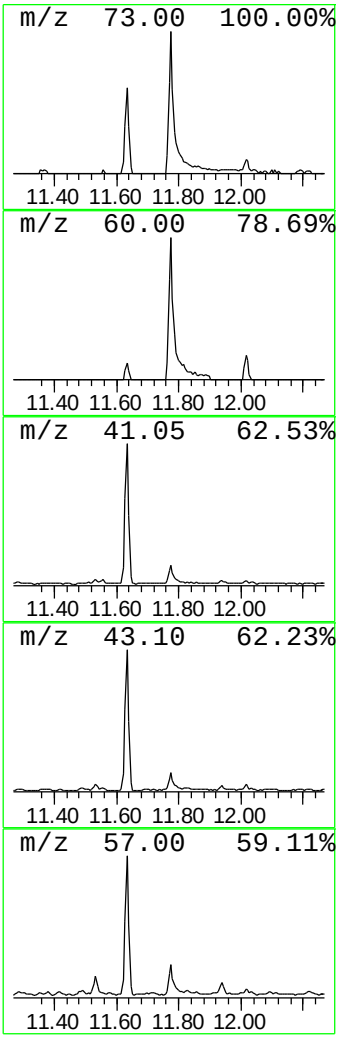
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.64 ng	196795	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	41





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119239.D
Acq On : 6 Mar 2020 4:22
Operator : CG/JU
Sample : L1748-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-030320

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

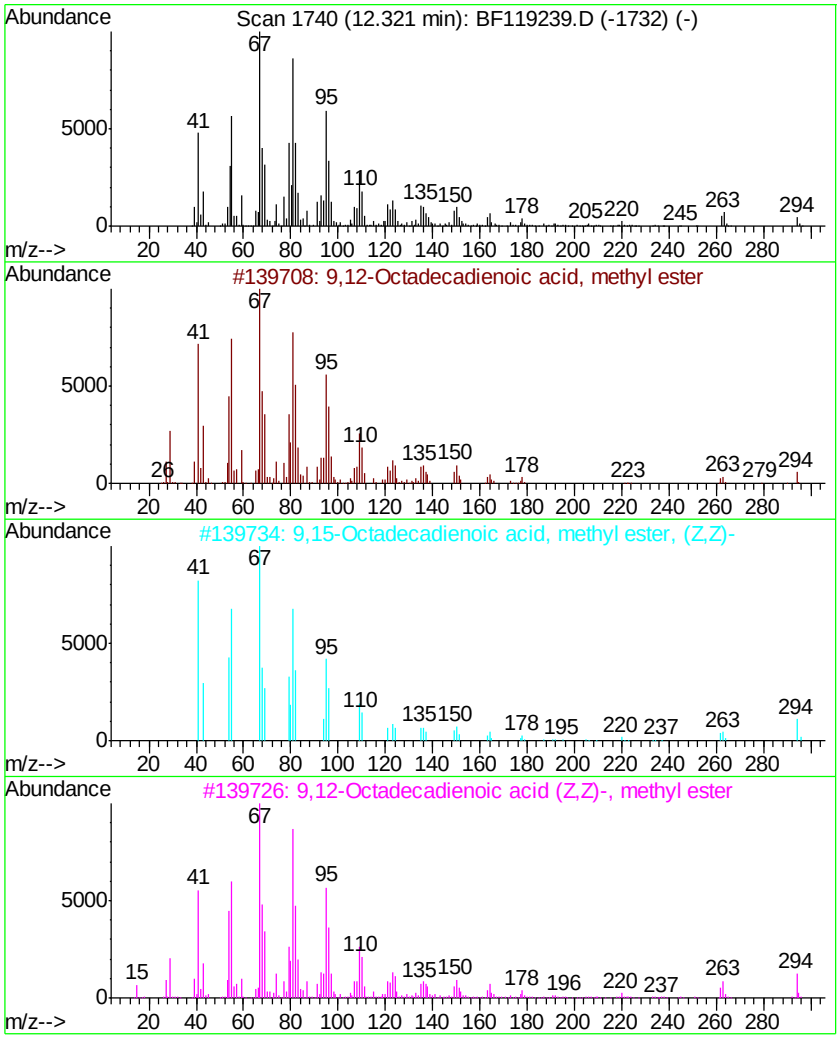
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

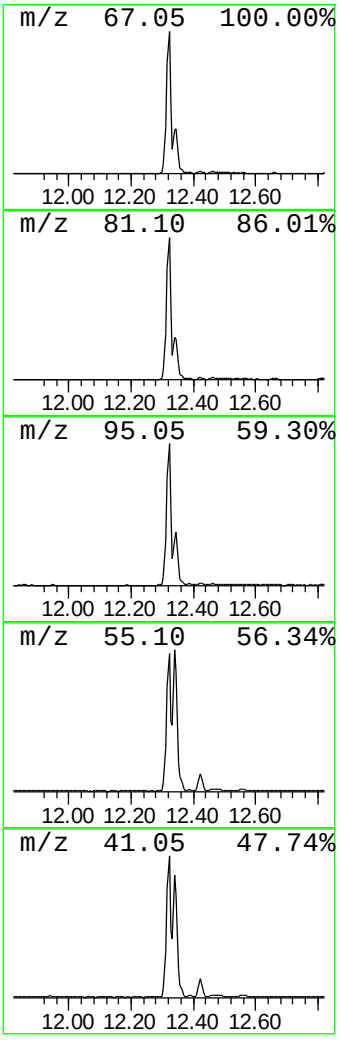
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	91.93 ng	4966310	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119239.D
Acq On : 6 Mar 2020 4:22
Operator : CG/JU
Sample : L1748-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-030320

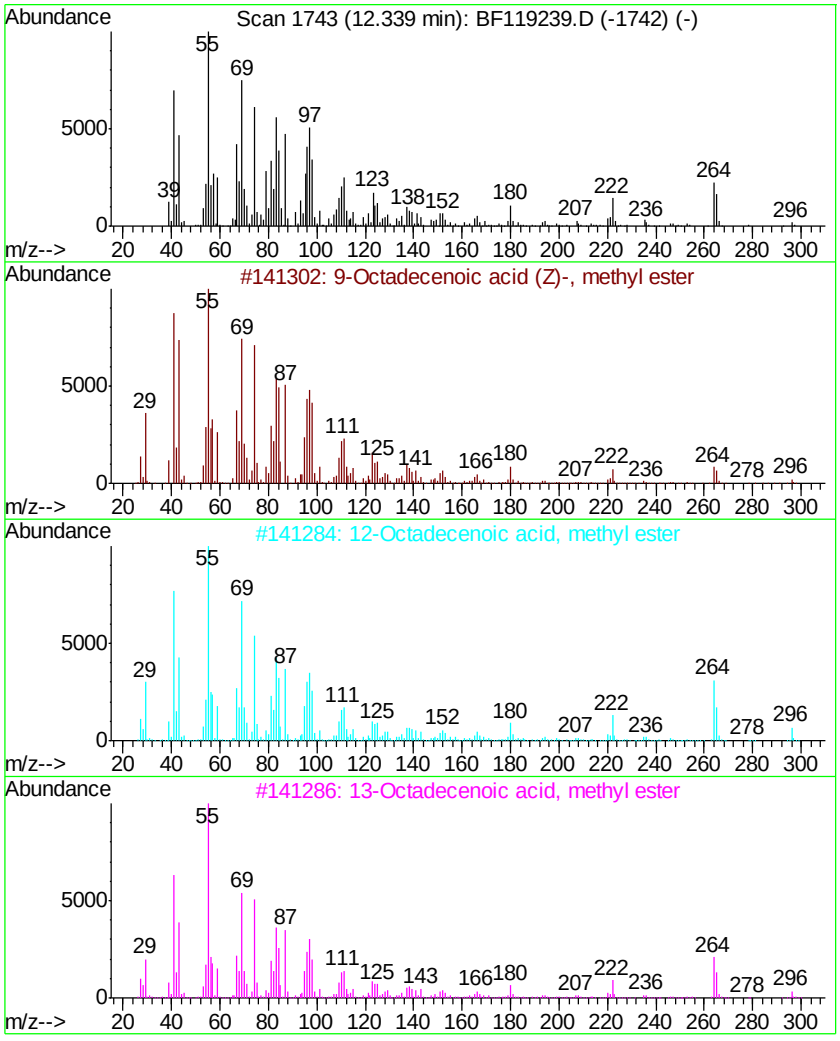
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

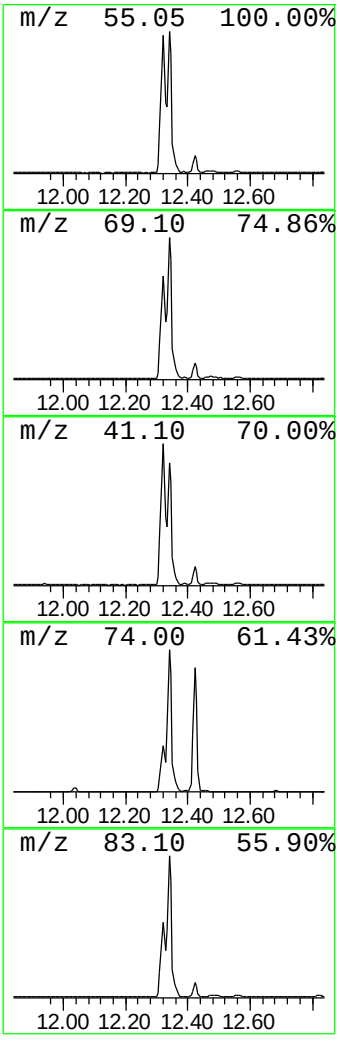
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	56.52 ng	3053310	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119239.D
Acq On : 6 Mar 2020 4:22
Operator : CG/JU
Sample : L1748-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-030320

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

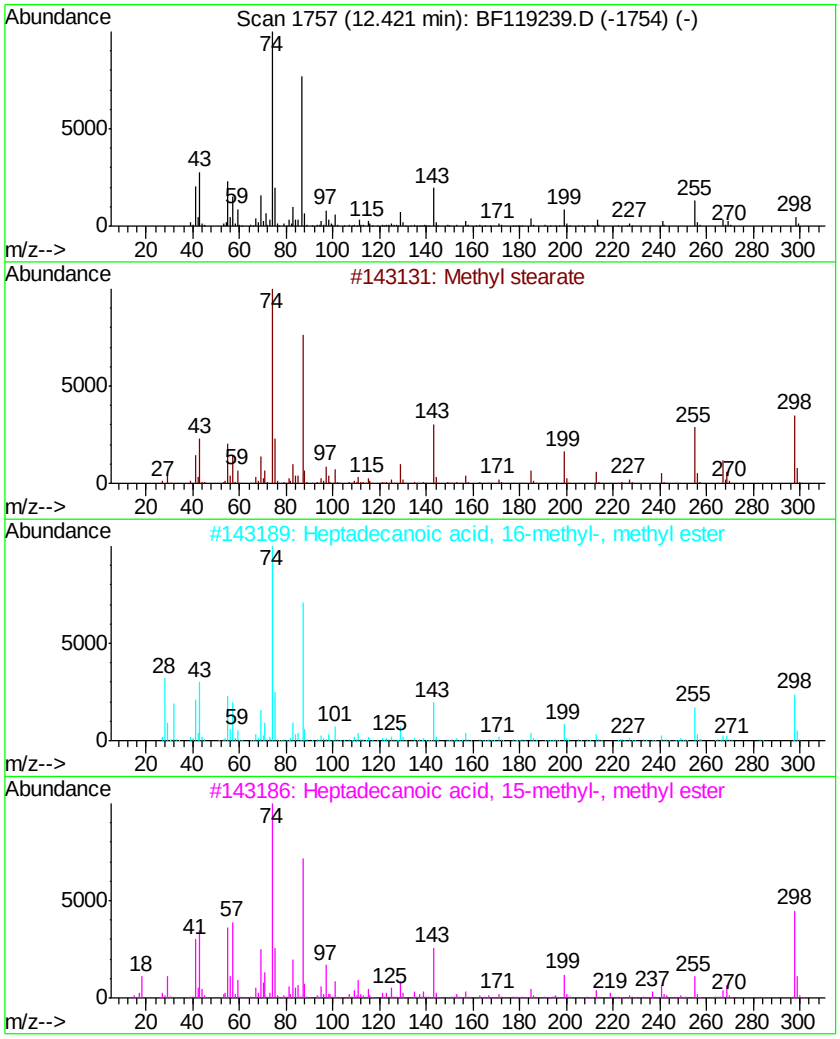
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

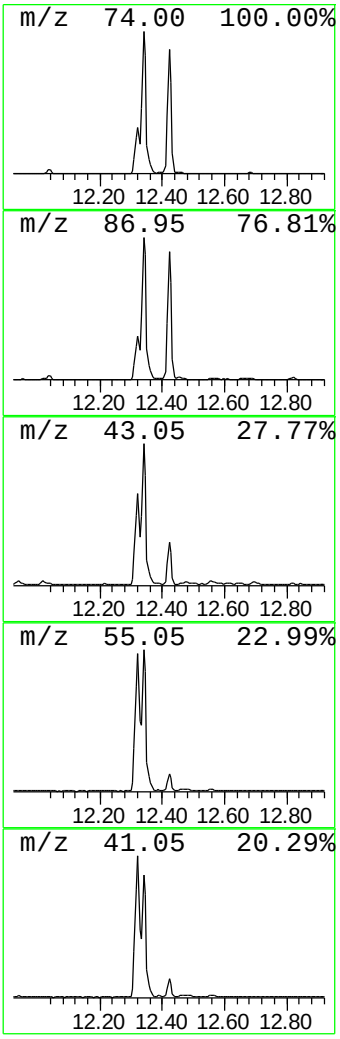
****

Peak Number 7 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	10.22 ng	552370	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	92
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119239.D
Acq On : 6 Mar 2020 4:22
Operator : CG/JU
Sample : L1748-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-030320

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

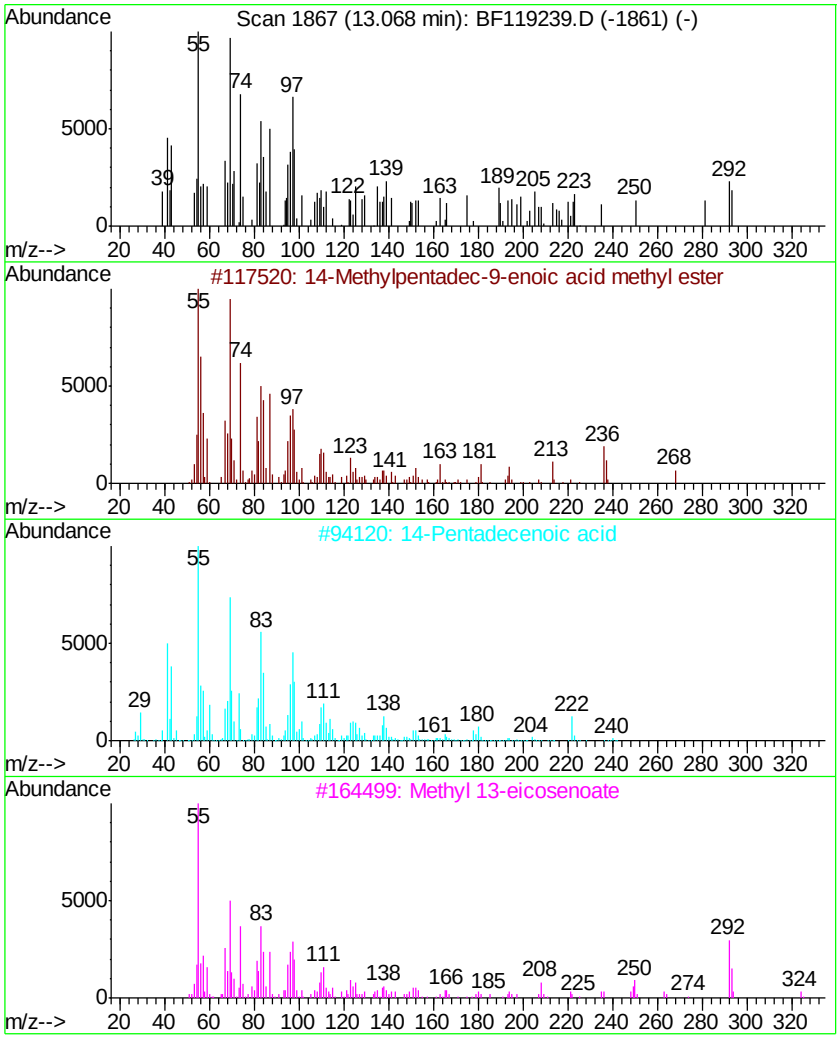
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

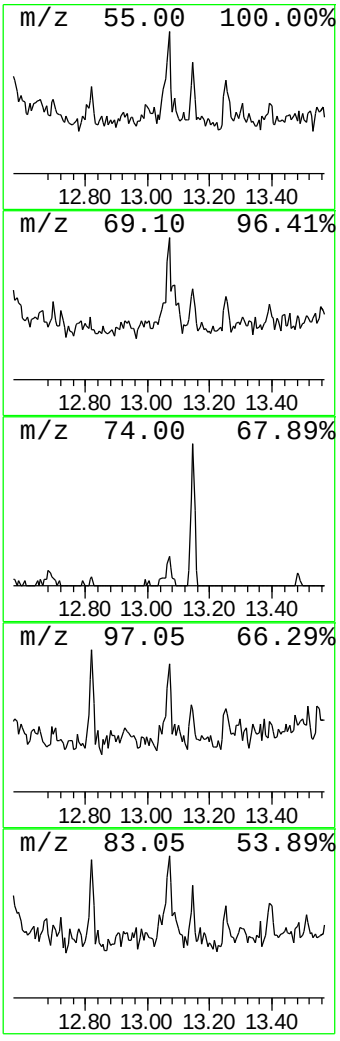
****

Peak Number 9 14-Methylpentadec-9-enoic a... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.15 ng	89972	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Methylpentadec-9-enoic acid m...	268	C17H32O2	1000365-89-7	58
2	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	52
3	Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	50
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	38
5	1,3-Dioxolane, 4-ethyl-5-octyl-2...	350	C15H24F6O2	038274-73-6	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119239.D
Acq On : 6 Mar 2020 4:22
Operator : CG/JU
Sample : L1748-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-030320

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

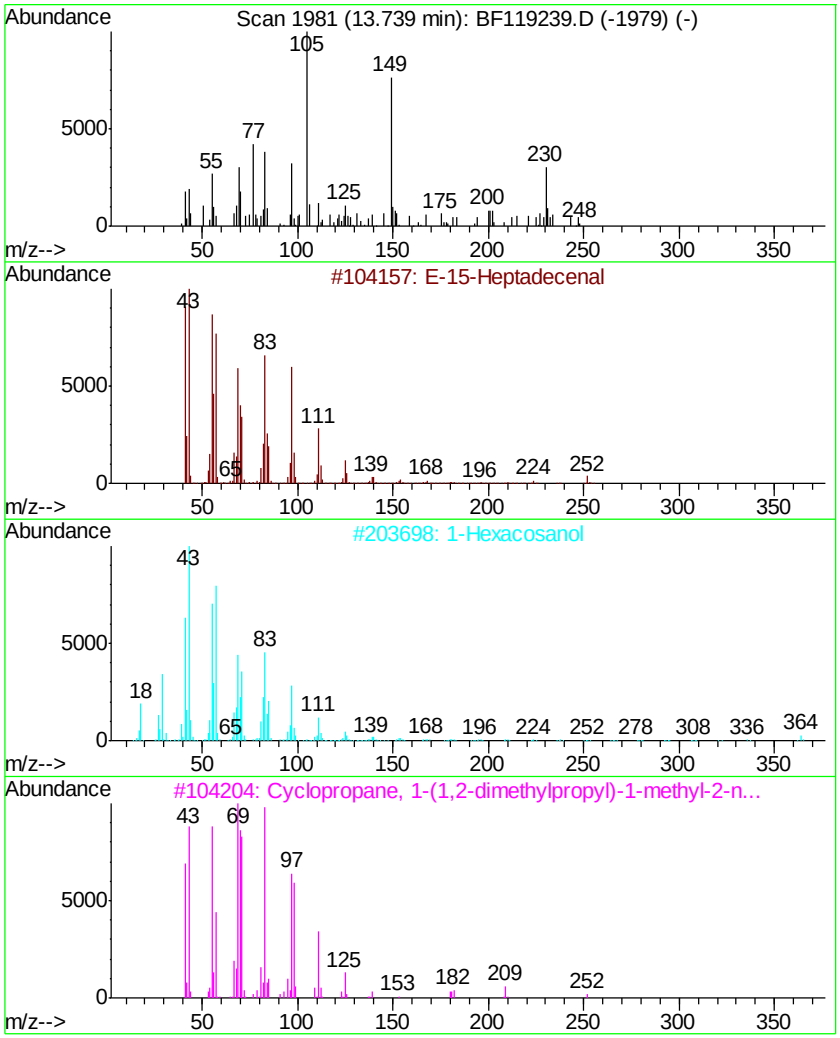
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

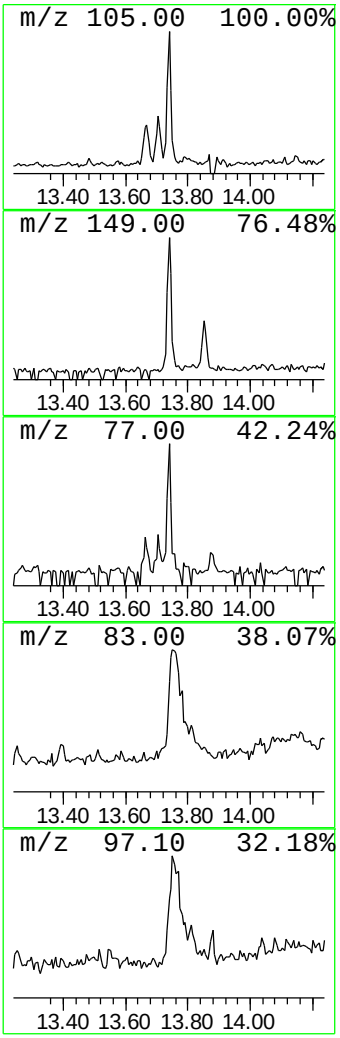
****

Peak Number 10 E-15-Heptadecenal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.57 ng	107570	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	60
2	1-Hexacosanol	382	C26H54O	000506-52-5	49
3	Cyclopropane, 1-(1,2-dimethylpro...	252	C18H36	041977-42-8	49
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	49
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119239.D
Acq On : 6 Mar 2020 4:22
Operator : CG/JU
Sample : L1748-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-030320

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

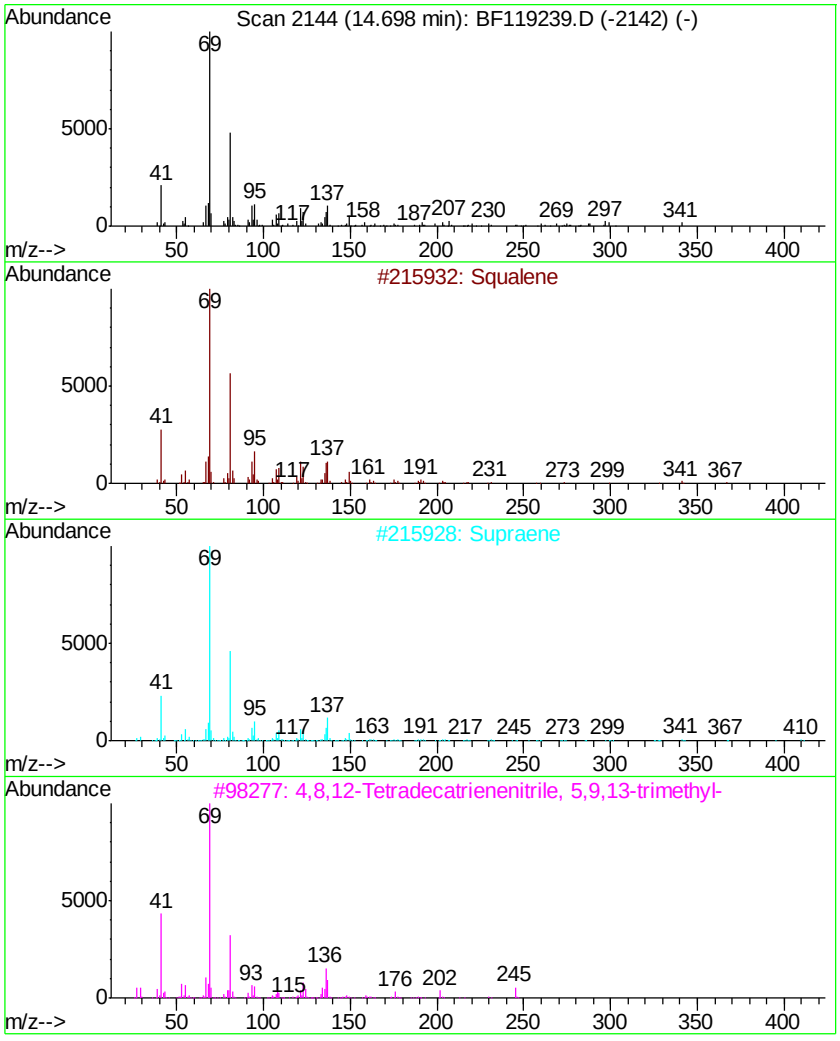
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

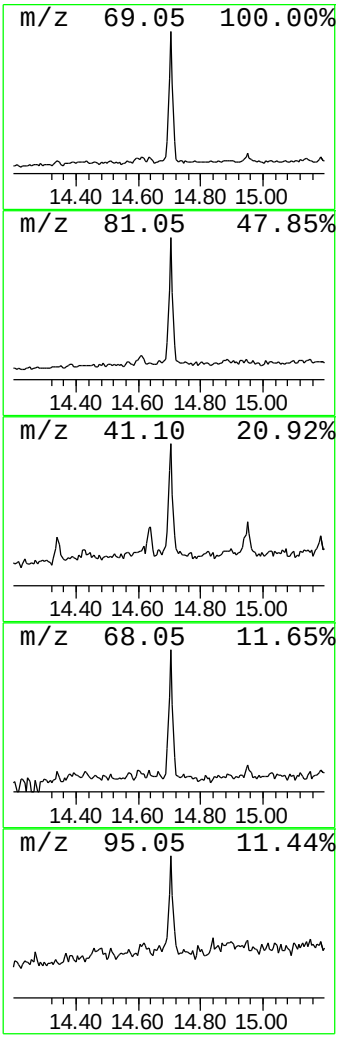
****

Peak Number 11 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	3.32 ng	153670	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	94
2	Supraene	410	C30H50	007683-64-9	91
3	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	64
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
5	3-Cyclohexene-1-carboxaldehyde, ...	192	C13H20O	052475-89-5	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030520\
Data File : BF119239.D
Acq On : 6 Mar 2020 4:22
Operator : CG/JU
Sample : L1748-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-030320

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
Hexadecane, 2,6,1...	10.67	2.0	ng	109831	4	11.24	1080460	20.0
Hexadecanoic acid...	11.63	22.9	ng	1234420	4	11.24	1080460	20.0
n-Hexadecanoic acid	11.77	3.6	ng	196795	4	11.24	1080460	20.0
9,12-Octadecadien...	12.32	91.9	ng	4966310	4	11.24	1080460	20.0
9-Octadecenoic ac...	12.34	56.5	ng	3053310	4	11.24	1080460	20.0
Methyl stearate	12.42	10.2	ng	552370	4	11.24	1080460	20.0
14-Methylpentadec...	13.07	2.1	ng	89972	5	13.88	838598	20.0
E-15-Heptadecenal	13.74	2.6	ng	107570	5	13.88	838598	20.0
Squalene	14.70	3.3	ng	153670	6	15.30	925824	20.0