LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113072.D
Acq On : 15 Mar 2019 18:13
Operator : JU/SJ
Sample : K1685-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-031419-C

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-BF022719.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	5.328	548	551	566	rBV	445637	496229	9.24%	1.994%
2	6.363	723	727	742	rBV	513247	528348	9.84%	2.123%
3	6.492	746	749	758	rBV	640014	542434	10.11%	2.180%
4	6.722	785	788	799	rBV	666811	645111	12.02%	2.592%
5	6.881	811	815	820	rBV	505034	413784	7.71%	1.663%
6	7.280	880	883	891	rBV	253316	283256	5.28%	1.138%
7	8.010	1003	1007	1014	rBV	681084	745782	13.89%	2.997%
8	9.080	1186	1189	1201	rBV	599768	669684	12.48%	2.691%
9	9.757	1300	1304	1311	rBV2	1143485	1045584	19.48%	4.202%
10	10.539	1434	1437	1450	rBV	450950	489171	9.11%	1.966%
11	11.233	1551	1555	1566	rBV	1273237	1241646	23.13%	4.989%
12	11.639	1620	1624	1627	rBV	1885012	1524479	28.40%	6.126%
13	11.768	1643	1646	1655	rBV	151841	193251	3.60%	0.777%
14	12.327	1736	1741	1742	rBV	4947406	5367833	100.00%	21.570%
15	12.345	1742	1744	1750	rVB2	5246376	4825108	89.89%	19.389%
16	12.427	1755	1758	1762	rVV2	1226195	1056333	19.68%	4.245%
17	12.457	1762	1763	1765	rVV	155019	148406	2.76%	0.596%
18	12.474	1765	1766	1775	rVB2	190435	257987	4.81%	1.037%
19	12.668	1793	1799	1802	rVB	93791	113345	2.11%	0.455%
20	12.815	1820	1824	1830	rVB	914903	858674	16.00%	3.451%
21	13.068	1862	1867	1874	rVB4	98590	147372	2.75%	0.592%
22	13.151	1877	1881	1884	rBV	102944	93306	1.74%	0.375%
23	13.251	1896	1898	1902	rBV3	49708	55489	1.03%	0.223%
24	13.727	1976	1979	1987	rBV5	51102	97855	1.82%	0.393%
25	13.815	1990	1994	1997	rBV	107347	102974	1.92%	0.414%
26	13.862	1997	2002	2009	rBV	1196761	1258970	23.45%	5.059%
27	14.339	2081	2083	2086	rBV	71679	61476	1.15%	0.247%
28	14.433	2096	2099	2103	rBV3	45184	67826	1.26%	0.273%
29	14.633	2131	2133	2137	rBV	102411	104354	1.94%	0.419%
30	14.951	2184	2187	2191	rBV	112852	122292	2.28%	0.491%
31	15.268	2236	2241	2245	rBV	908273	1085343	20.22%	4.361%
32	15.709	2313	2316	2322	rVB	95238	130481	2.43%	0.524%
33	16.174	2392	2395	2400	rVB2	74710	111036	2.07%	0.446%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
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Acq On : 15 Mar 2019 18:13
Operator : JU/SJ
Sample : K1685-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-031419-C

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 24885219

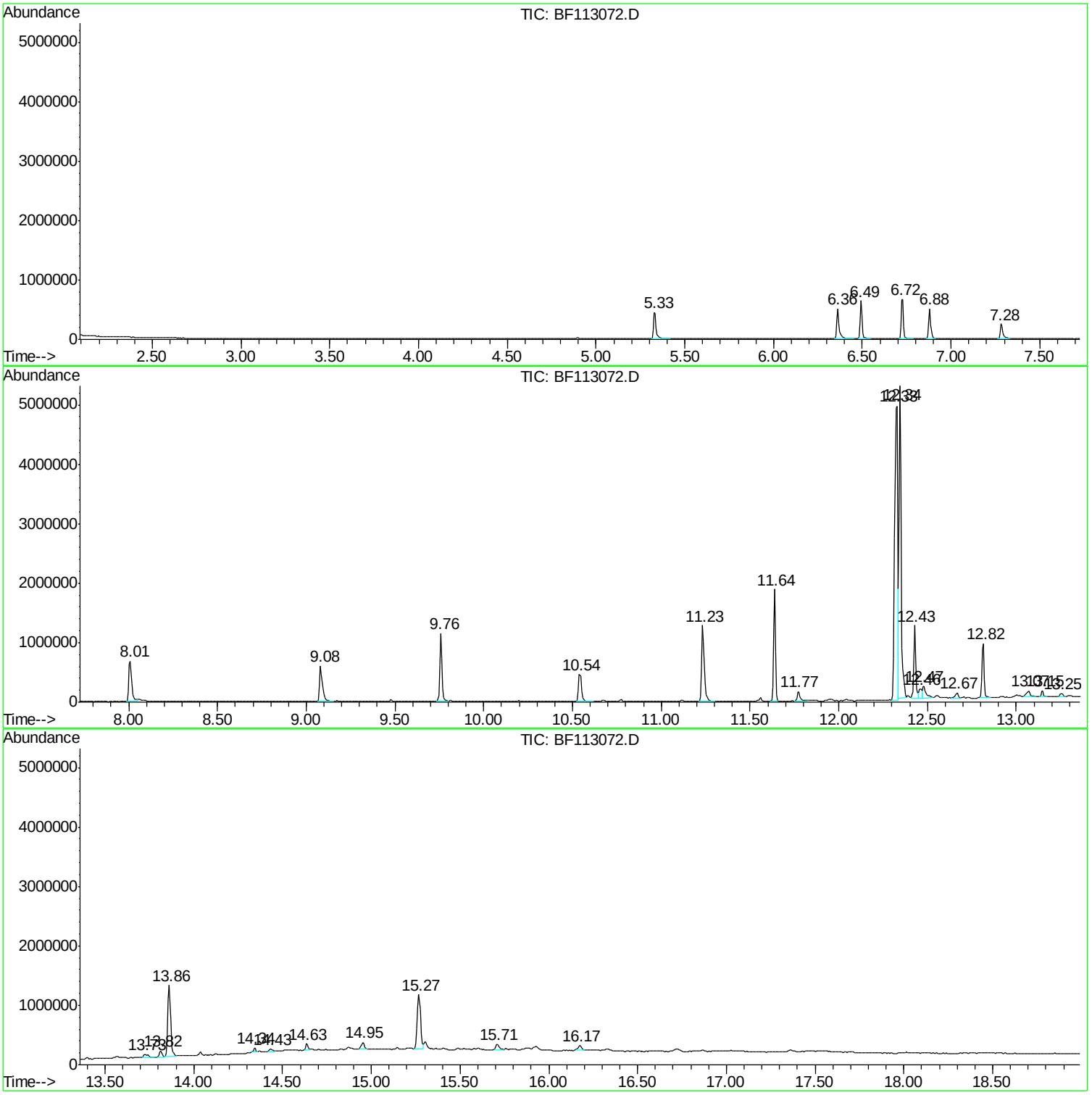
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113072.D
Acq On : 15 Mar 2019 18:13
Operator : JU/SJ
Sample : K1685-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-031419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF031519\
Data File : BF113072.D
Acq On : 15 Mar 2019 18:13
Operator : JU/SJ
Sample : K1685-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-031419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

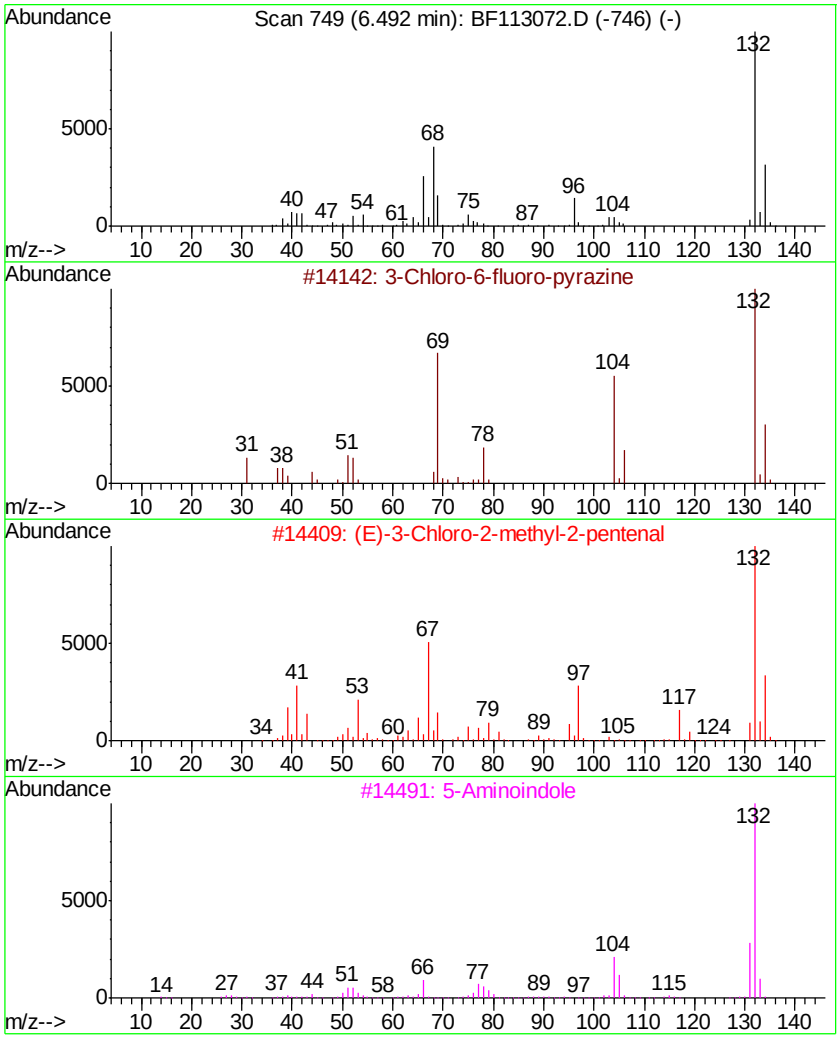
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

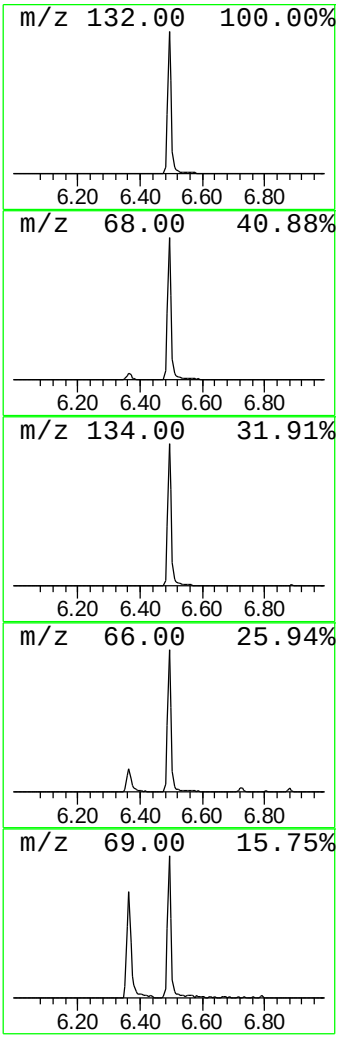
****

Peak Number 1 unknown6.49 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	16.82 ng	542434	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113072.D
Acq On : 15 Mar 2019 18:13
Operator : JU/SJ
Sample : K1685-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-031419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

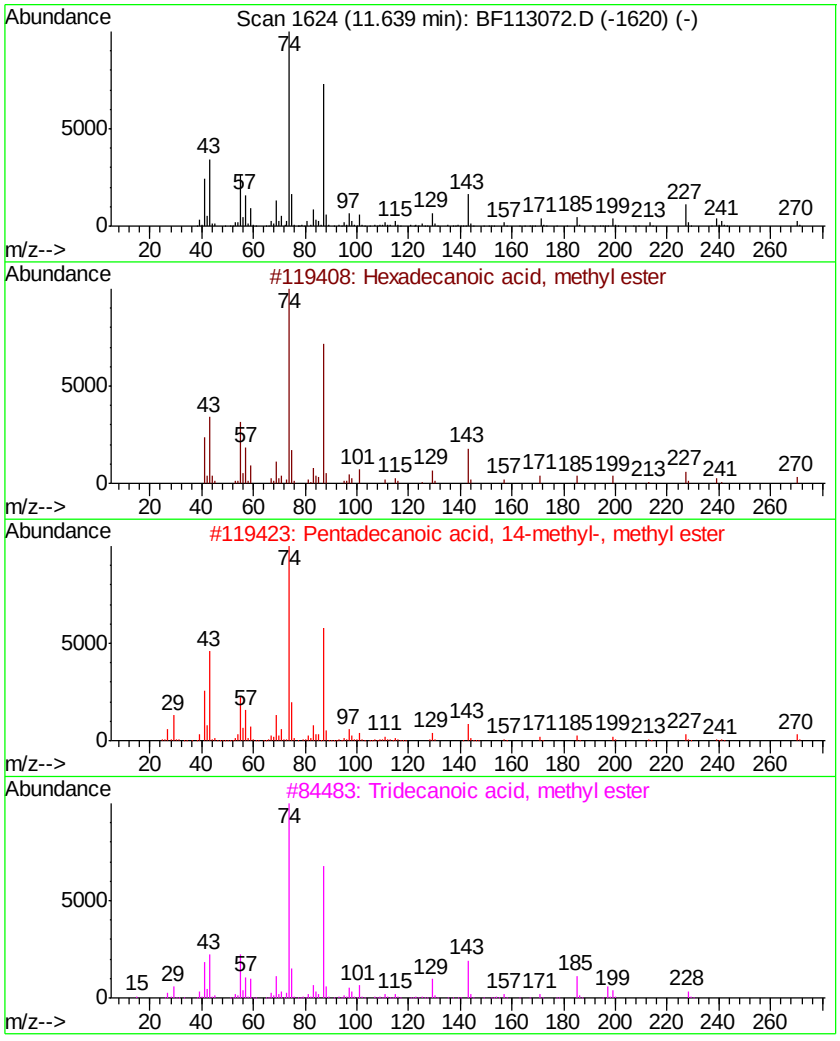
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

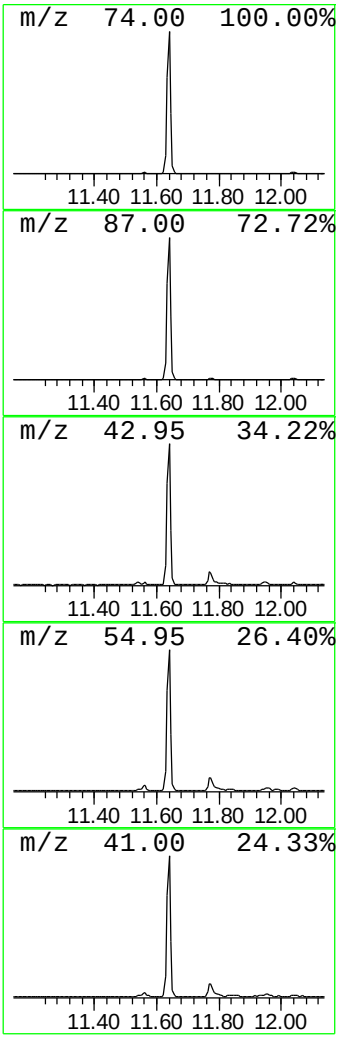
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	24.56 ng	1524480	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113072.D
Acq On : 15 Mar 2019 18:13
Operator : JU/SJ
Sample : K1685-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-031419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

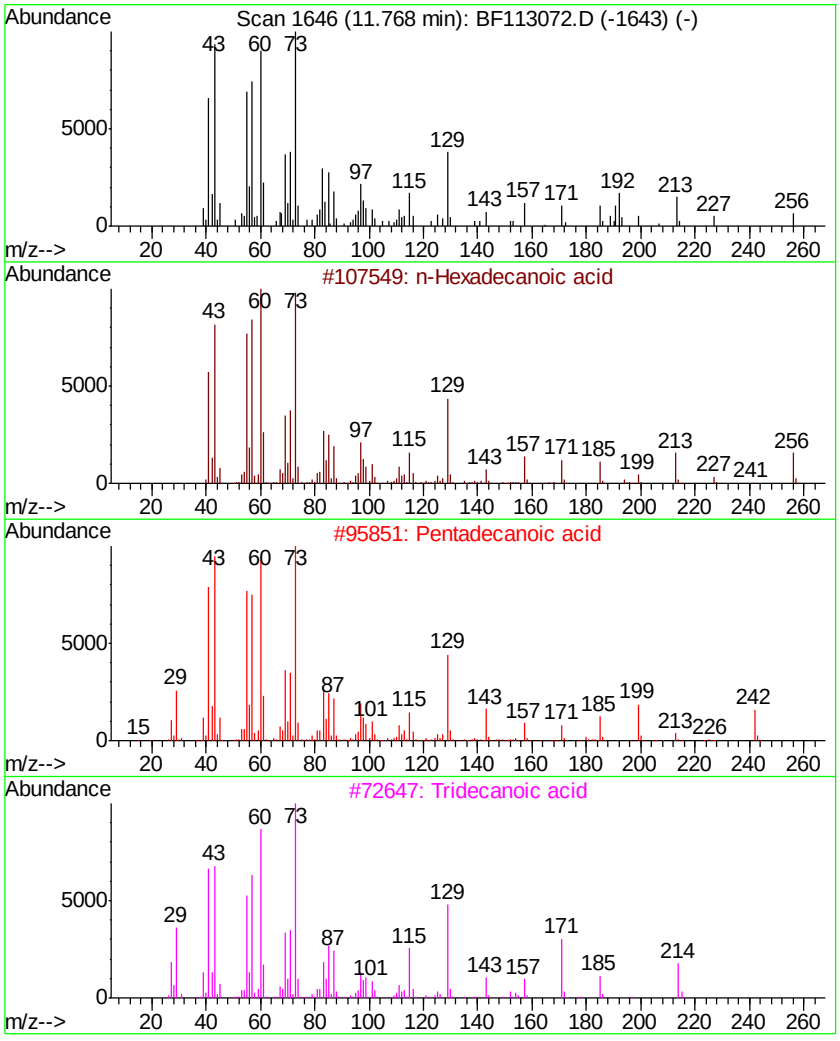
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

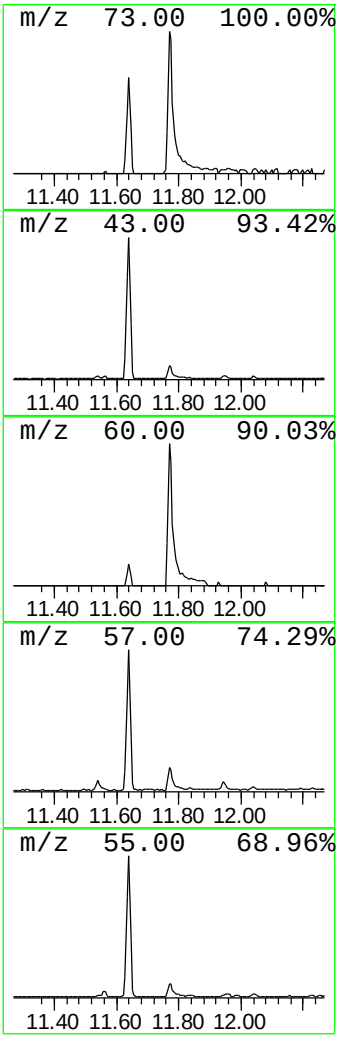
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.11 ng	193251	Phenanthrene-d10	11.23

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	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113072.D
Acq On : 15 Mar 2019 18:13
Operator : JU/SJ
Sample : K1685-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-031419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

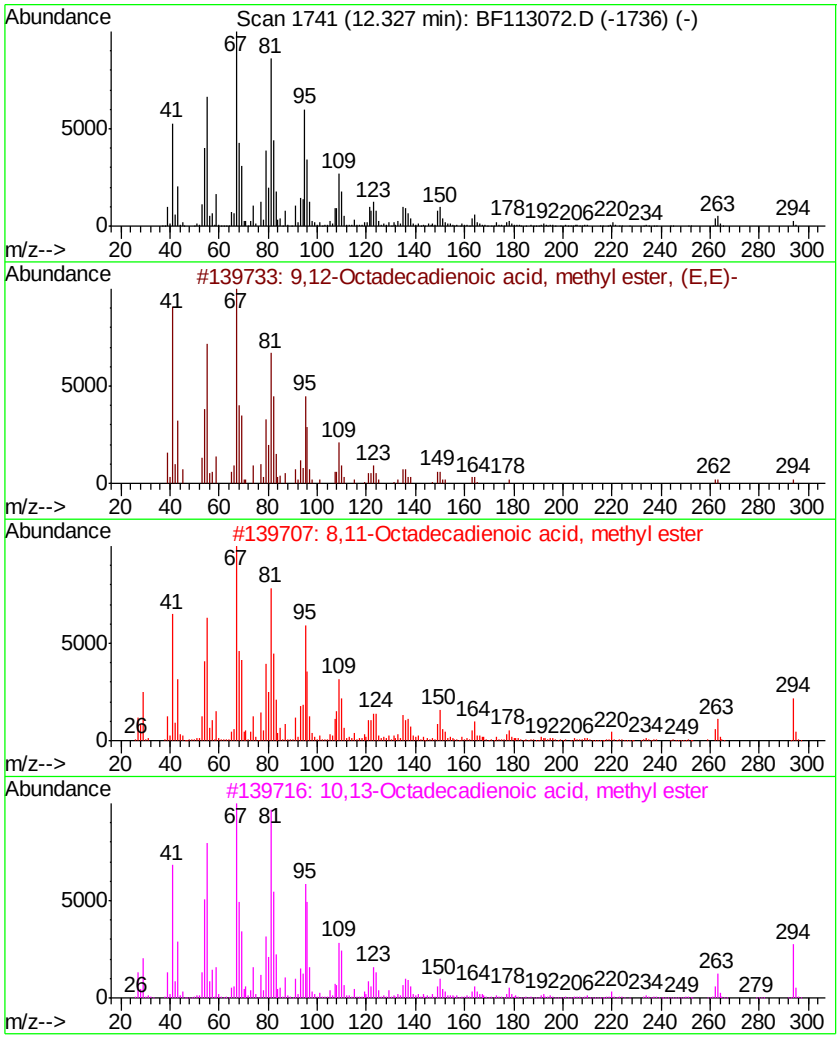
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

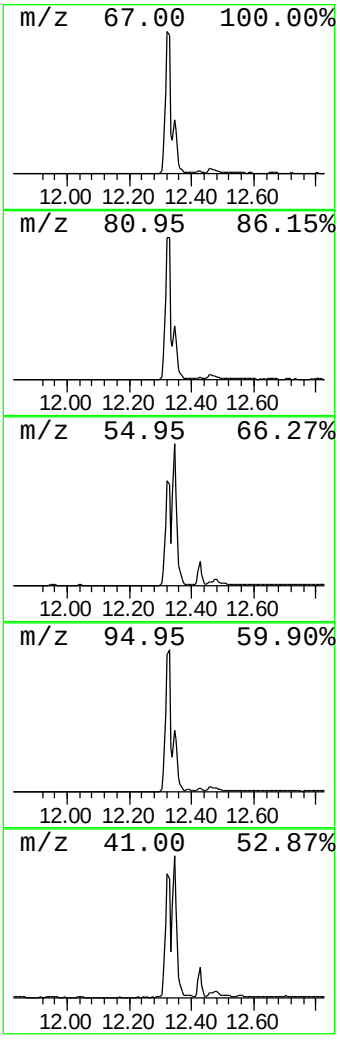
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	86.46 ng	5367830	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113072.D
Acq On : 15 Mar 2019 18:13
Operator : JU/SJ
Sample : K1685-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-031419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

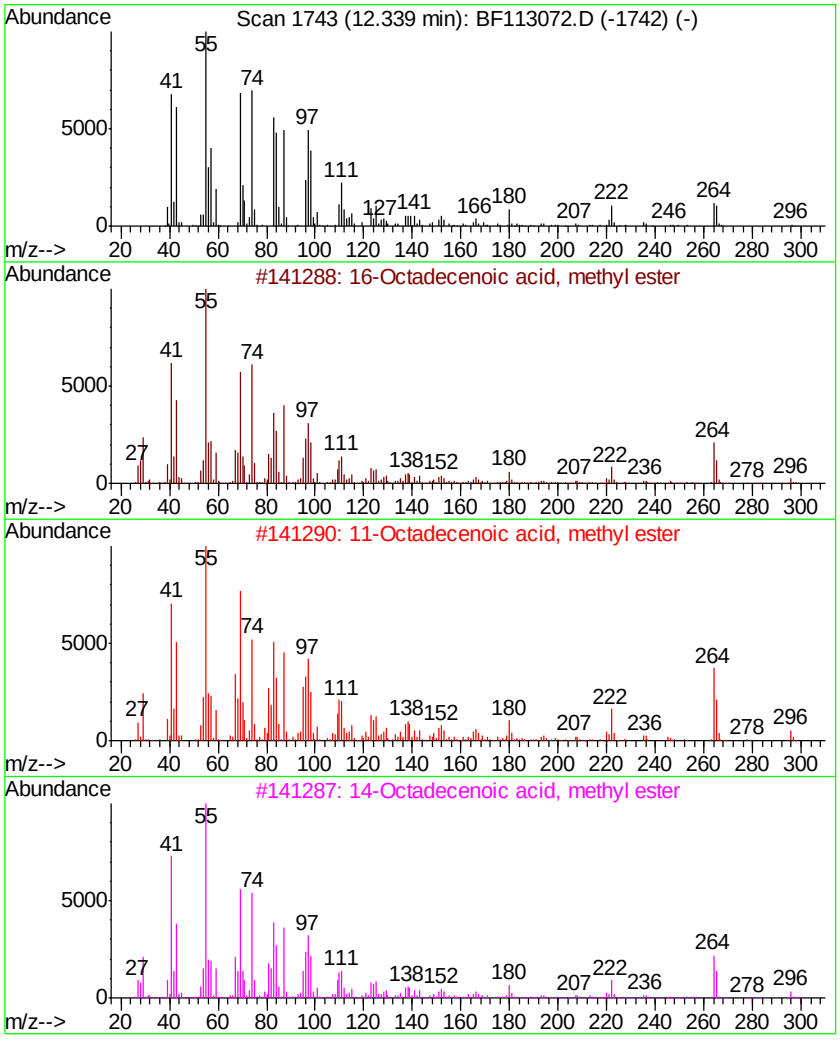
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

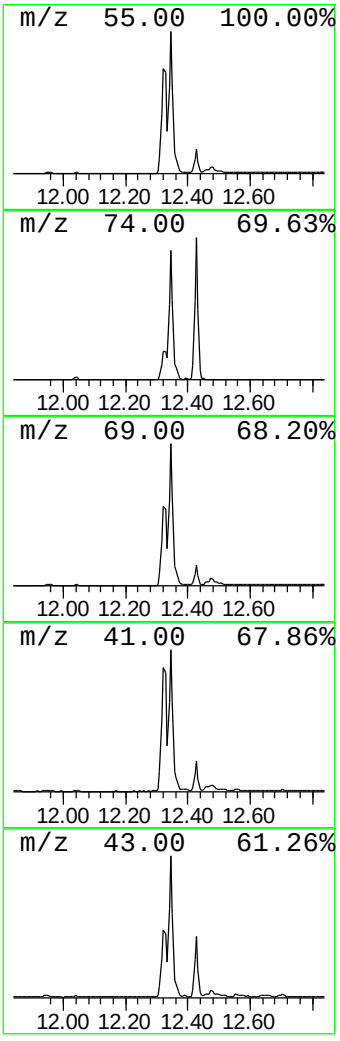
****

Peak Number 6 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	77.72 ng	4825110	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	94
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	93





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Operator : JU/SJ
Sample : K1685-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-031419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

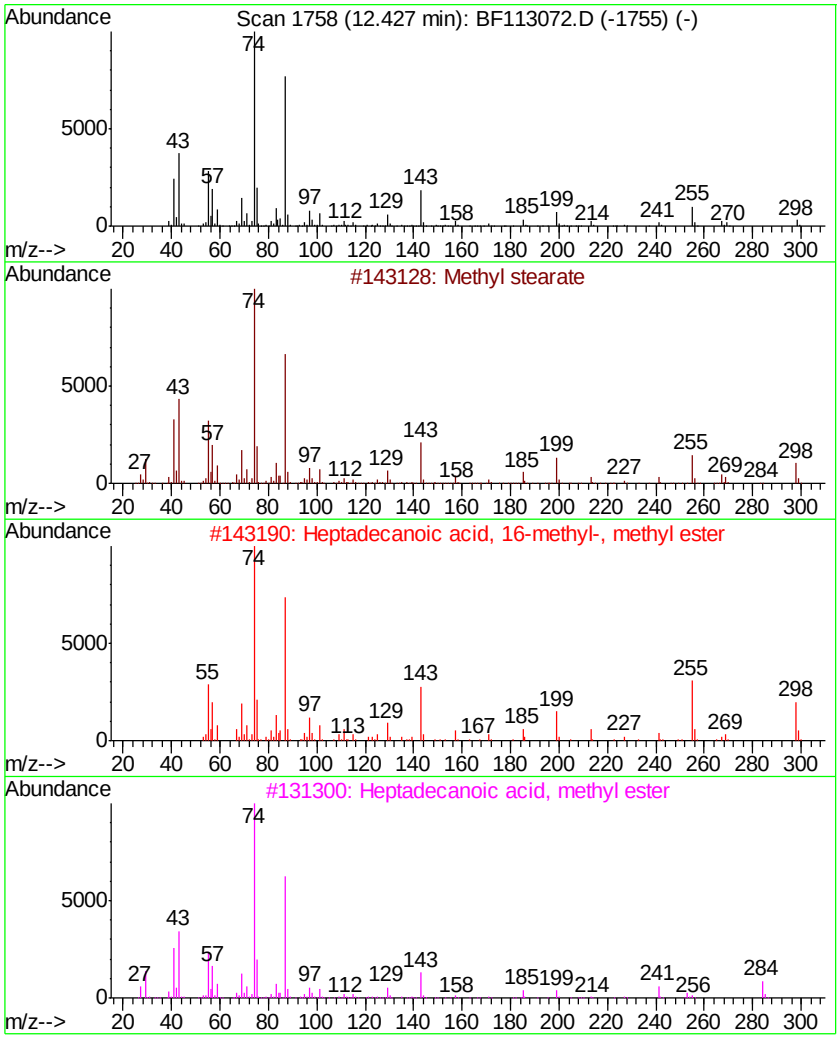
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

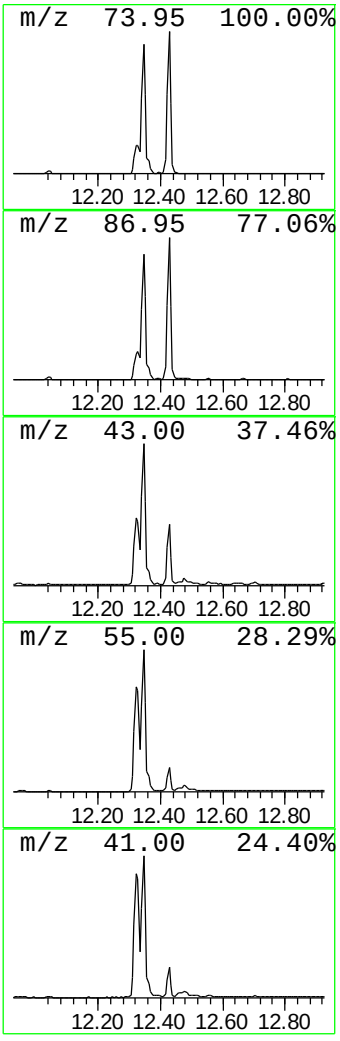
****

Peak Number 7 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	17.02 ng	1056330	Phenanthrene-d10	11.23

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	94
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-031419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

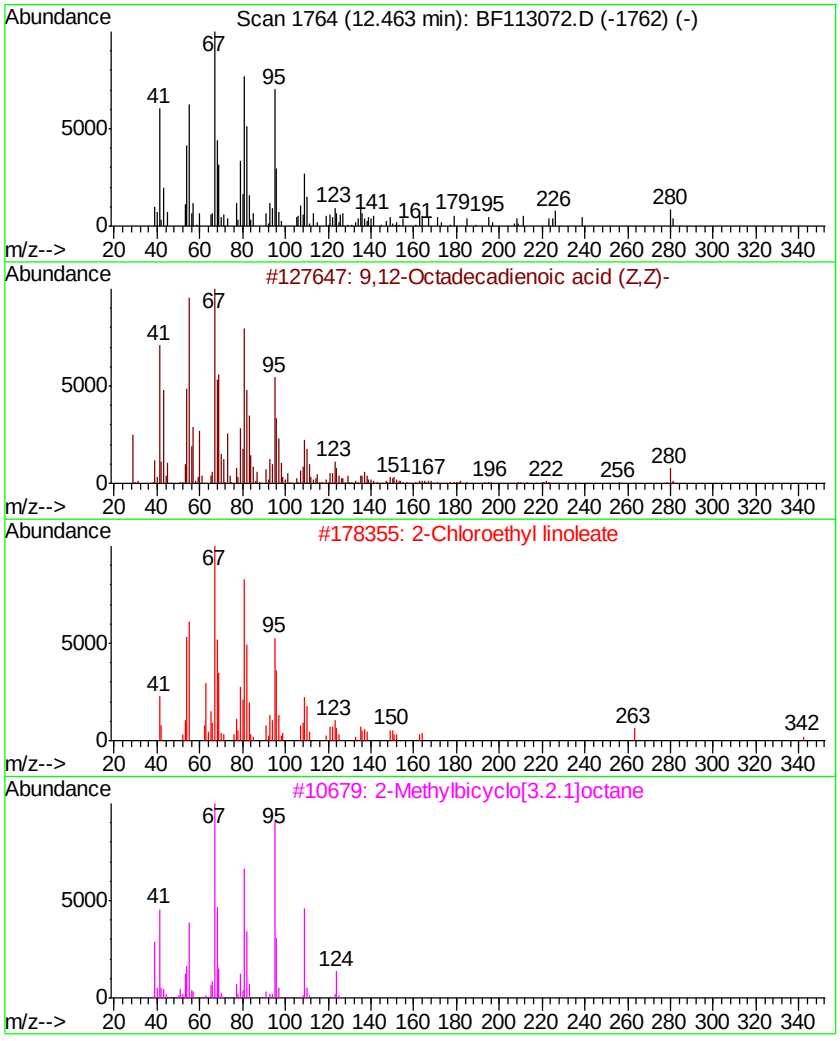
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

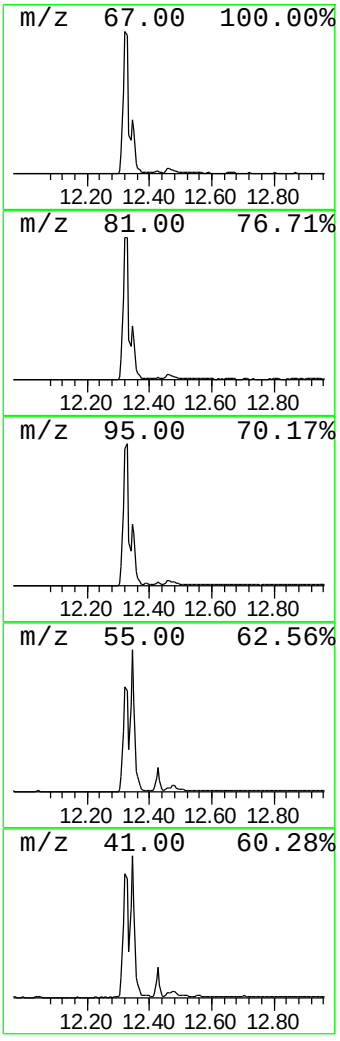
****

Peak Number 8 9,12-Octadecadienoic acid (... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.39 ng	148406	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
2	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	90
3	2-Methylbicyclo[3.2.1]octane	124	C9H16	1000215-28-0	87
4	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	87
5	7-Heptadecyne, 1-chloro-	270	C17H31Cl	056554-74-6	72





Library Search Compound Report

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Data File : BF113072.D
Acq On : 15 Mar 2019 18:13
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Misc :
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Instrument : BNA_F
ClientSampleId : AU-05-031419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

****

Peak Number 9 Cyclododecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.16 ng	257987	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	53
2	1-Dodecene	168	C12H24	000112-41-4	50
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	50
4	Cyclotetradecane	196	C14H28	000295-17-0	49
5	Cyclohexane, 1,1'-dodecylidenebi...	362	C26H50	055334-09-3	43