LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

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-BF061118.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	4.119	298	303	313	rVB	145800	180134	1.94%	0.326%
2	5.207	484	488	495	rVB	234908	287373	3.09%	0.520%
3	5.601	550	555	558	rBV	2967795	2955957	31.76%	5.346%
4	6.595	719	724	727	rBV	2929514	2975398	31.97%	5.381%
5	6.742	745	749	752	rBV	3227978	2927939	31.46%	5.295%
6	6.972	785	788	792	rVB	1166313	904940	9.72%	1.637%
7	7.131	811	815	818	rVB	2810925	2359044	25.35%	4.266%
8	7.531	879	883	886	rBV	1946376	1852054	19.90%	3.349%
9	8.254	1002	1006	1009	rBV	1275423	1021284	10.97%	1.847%
10	9.330	1184	1189	1192	rBV	3192998	2825350	30.36%	5.109%
11	9.719	1251	1255	1258	rBV	637929	477120	5.13%	0.863%
12	9.930	1286	1291	1294	rBV	122441	106235	1.14%	0.192%
13	10.013	1301	1305	1308	rBV2	1196437	971829	10.44%	1.757%
14	10.430	1369	1376	1379	rBV	169805	167282	1.80%	0.303%
15	10.801	1436	1439	1443	rBV	1841316	1570865	16.88%	2.841%
16	10.901	1453	1456	1465	rBV	134556	158598	1.70%	0.287%
17	11.501	1555	1558	1562	rBV	1090423	980532	10.53%	1.773%
18	11.807	1608	1610	1614	rVB	192315	150164	1.61%	0.272%
19	11.883	1619	1623	1626	rBV	4352792	3887689	41.77%	7.031%
20	12.019	1642	1646	1655	rBV4	65038	96355	1.04%	0.174%
21	12.583	1736	1742	1743	rBV	6026945	8375010	89.98%	15.145%
22	12.607	1743	1746	1751	rVV2	6673746	9307444	100.00%	16.832%
23	12.648	1751	1753	1755	rVV	151969	131488	1.41%	0.238%
24	12.677	1755	1758	1761	rVB	2764118	2179157	23.41%	3.941%
25	12.913	1793	1798	1802	rBV	239030	231150	2.48%	0.418%
26	13.089	1824	1828	1831	rBV	3147668	3013728	32.38%	5.450%
27	13.160	1835	1840	1843	rVV3	85278	116822	1.26%	0.211%
28	13.277	1851	1860	1862	rBV3	245112	441996	4.75%	0.799%
29	13.324	1862	1868	1876	rVB	504102	560644	6.02%	1.014%
30	13.401	1877	1881	1883	rBV	383884	338693	3.64%	0.612%
31	13.424	1883	1885	1889	rVV3	101841	115725	1.24%	0.209%
32	13.513	1896	1900	1904	rVV2	168652	211638	2.27%	0.383%
33	13.836	1950	1955	1961	rVB2	296332	451631	4.85%	0.817%
34	13.971	1975	1978	1982	rBV	464325	398596	4.28%	0.721%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

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-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.077	1993	1996	2000	rBV	307866	257756	2.77%	0.466%
36	14.160	2006	2010	2013	rBV	1202909	1160893	12.47%	2.099%
37	14.624	2087	2089	2093	rBV2	96832	112450	1.21%	0.203%
38	14.724	2103	2106	2109	rVB	104030	110436	1.19%	0.200%
39	15.707	2268	2273	2280	rBV	696241	925782	9.95%	1.674%

Sum of corrected areas: 55297181

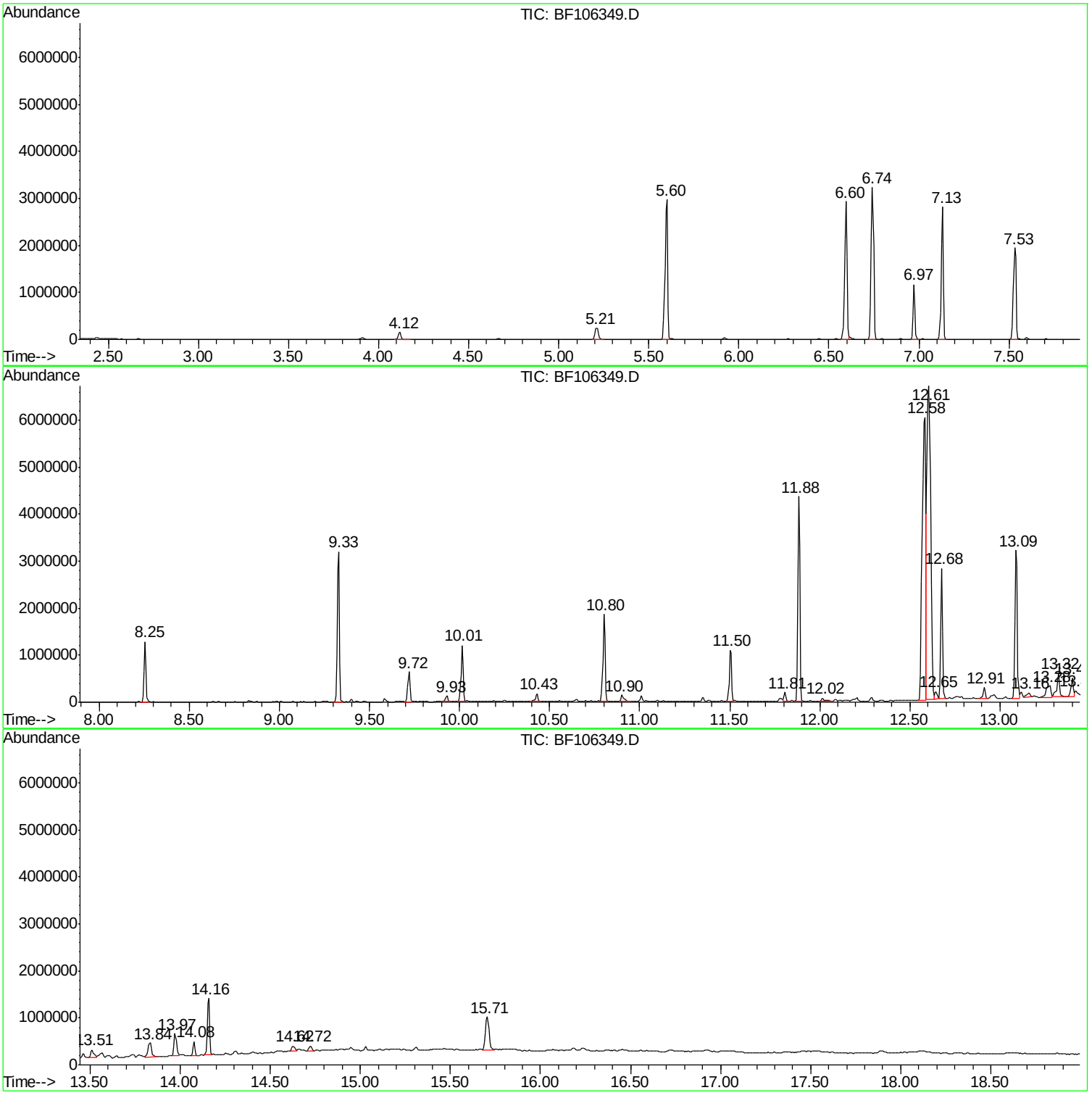
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

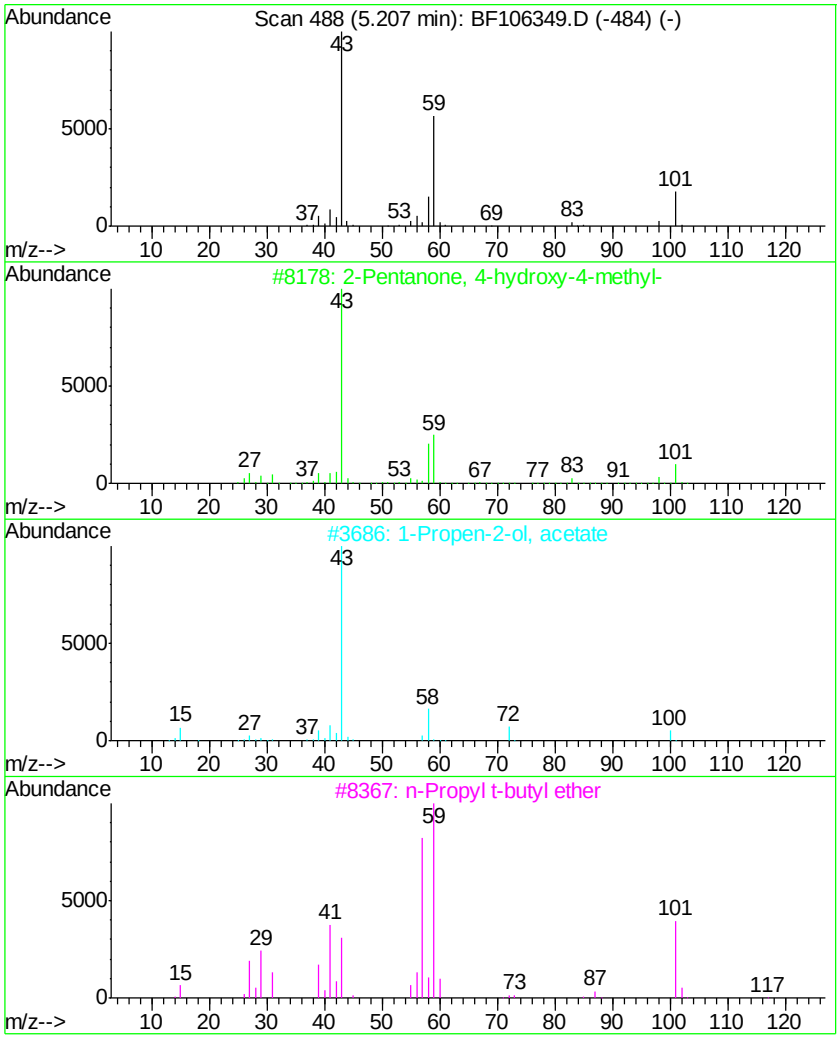
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

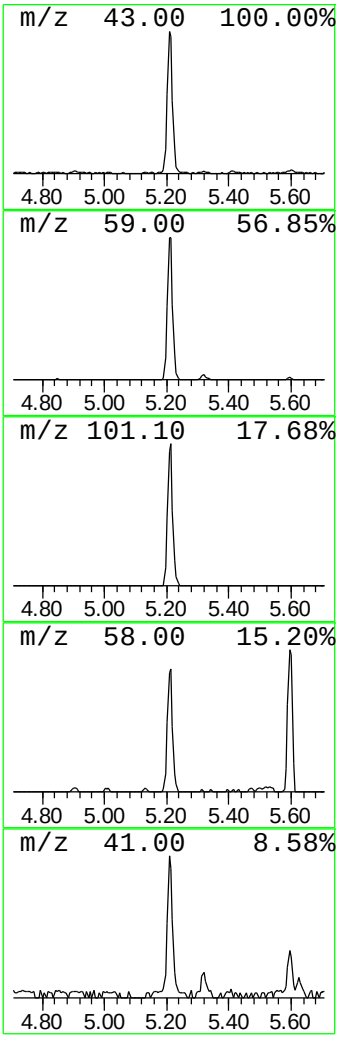
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	6.35 ng	287373	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	9
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

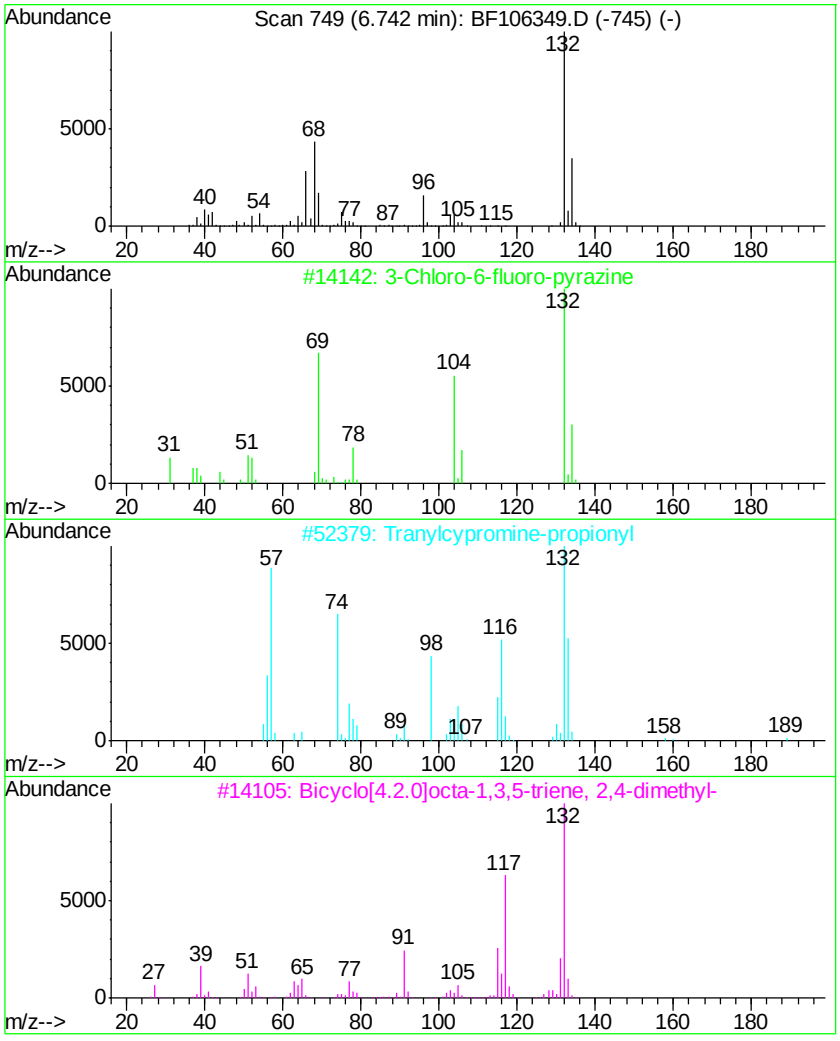
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

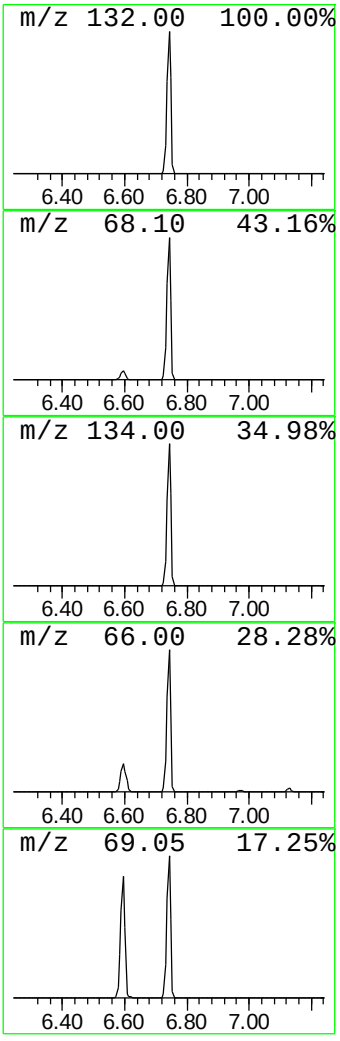
****

Peak Number 3 unknown6.74 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	64.71 ng	2927940	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

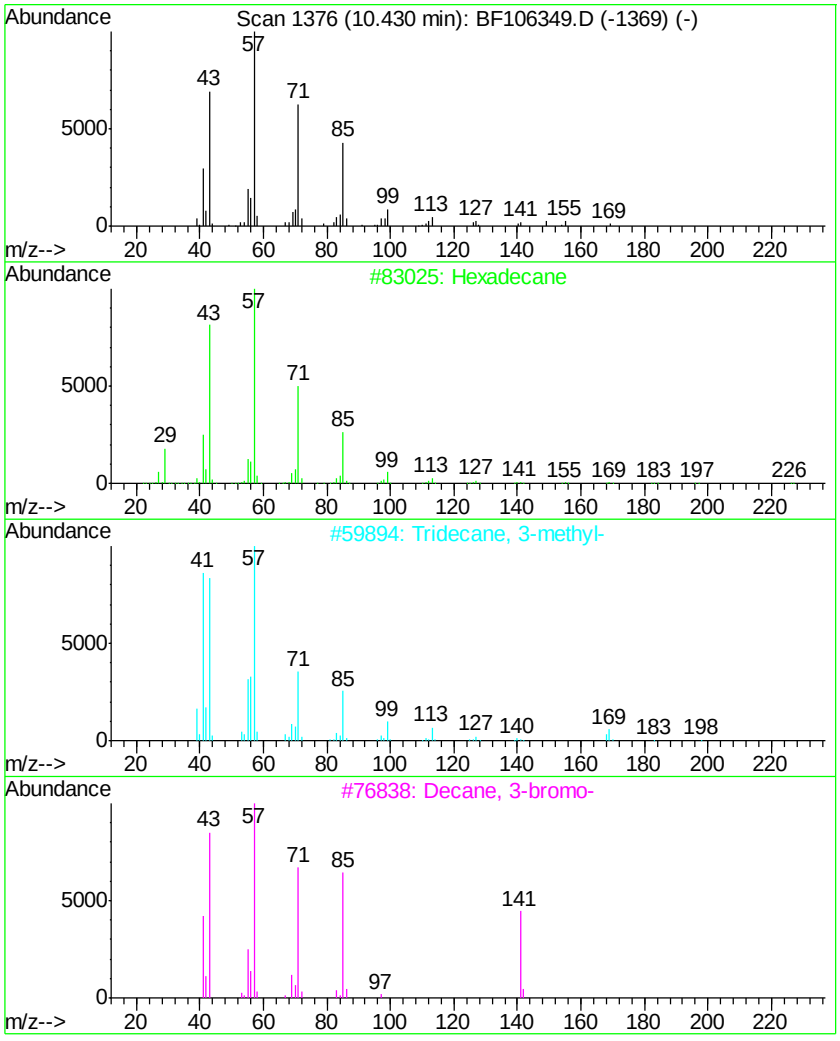
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

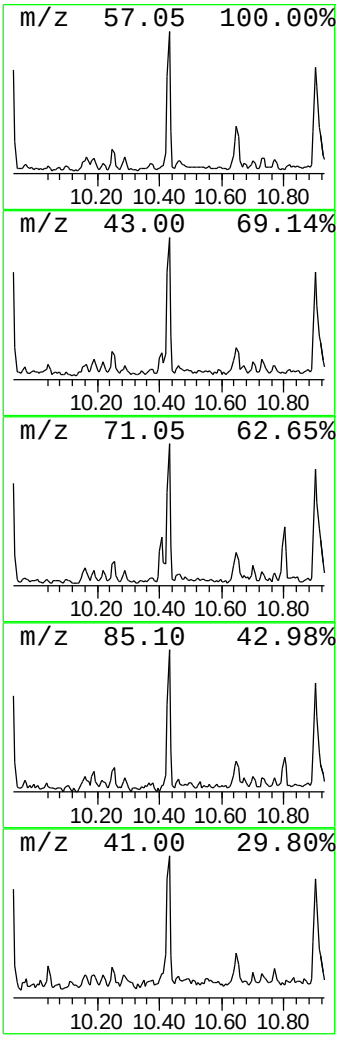
****

Peak Number 5 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	3.44 ng	167282	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
3	Decane, 3-bromo-	220	C10H21Br	030571-71-2	64
4	Tridecane	184	C13H28	000629-50-5	64
5	Pentadecane	212	C15H32	000629-62-9	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

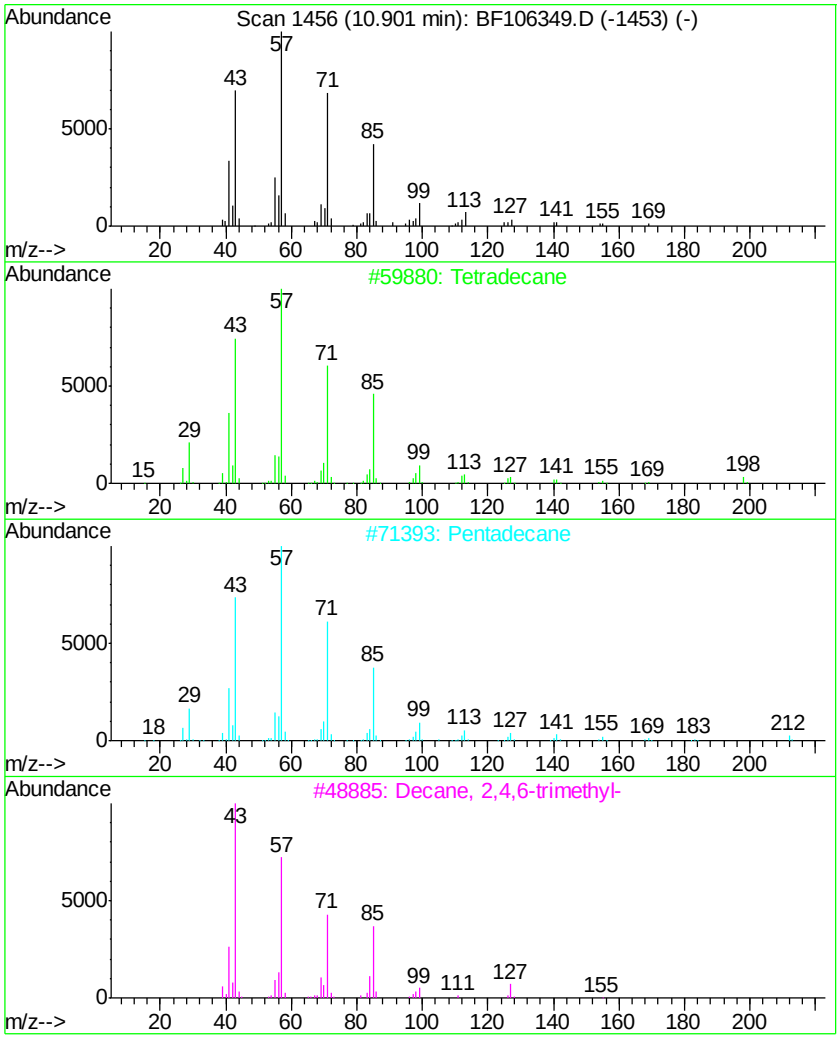
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

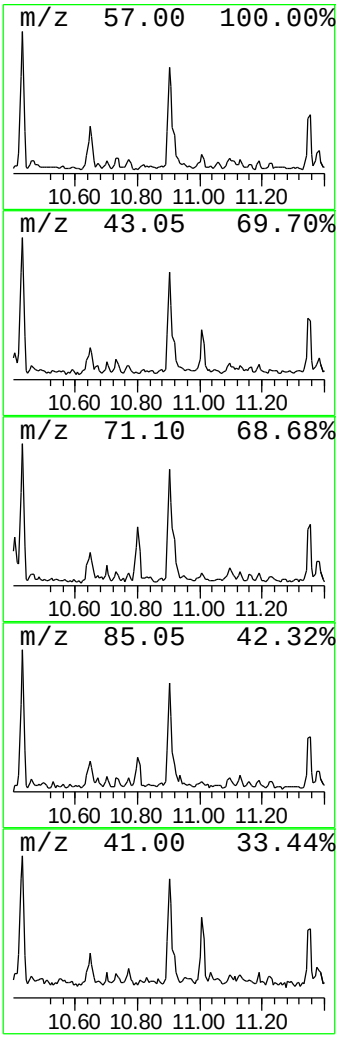
****

Peak Number 6 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.23 ng	158598	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	86
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Heneicosane	296	C21H44	000629-94-7	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

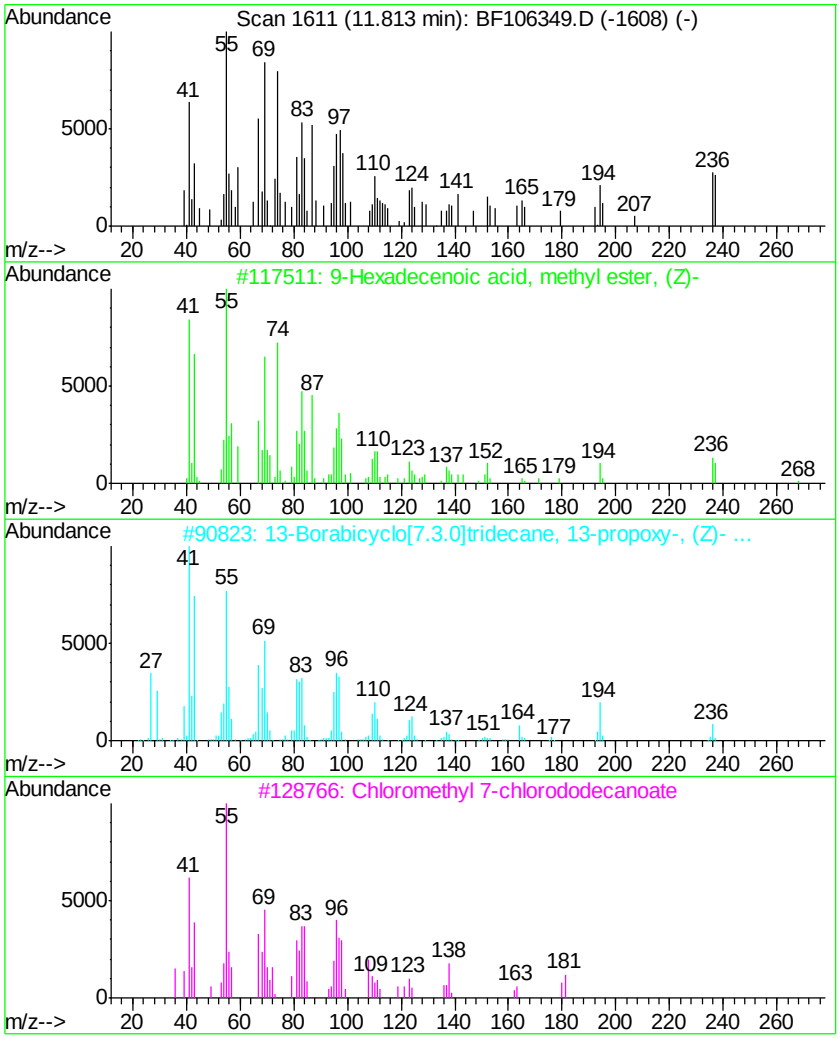
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

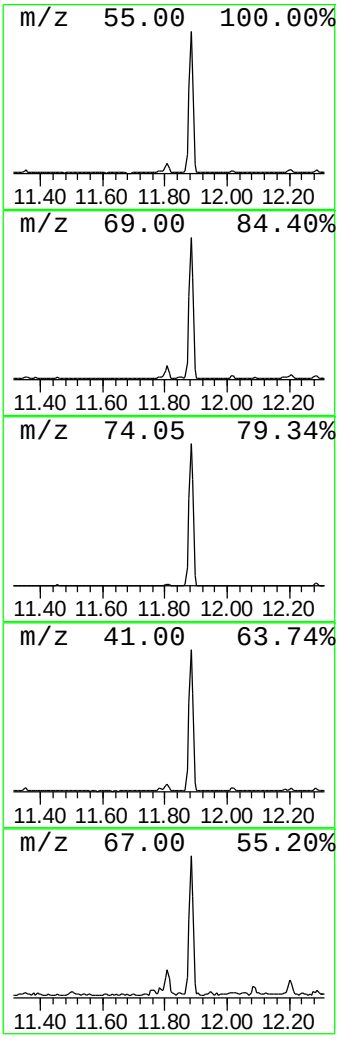
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9-Hexadecenoic acid, methyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	3.06 ng	150164	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	94
2	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	50
3	Chloromethyl 7-chlorododecanoate	282	C13H24Cl2O2	080419-03-0	49
4	Palmitoleic acid	254	C16H30O2	000373-49-9	47
5	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

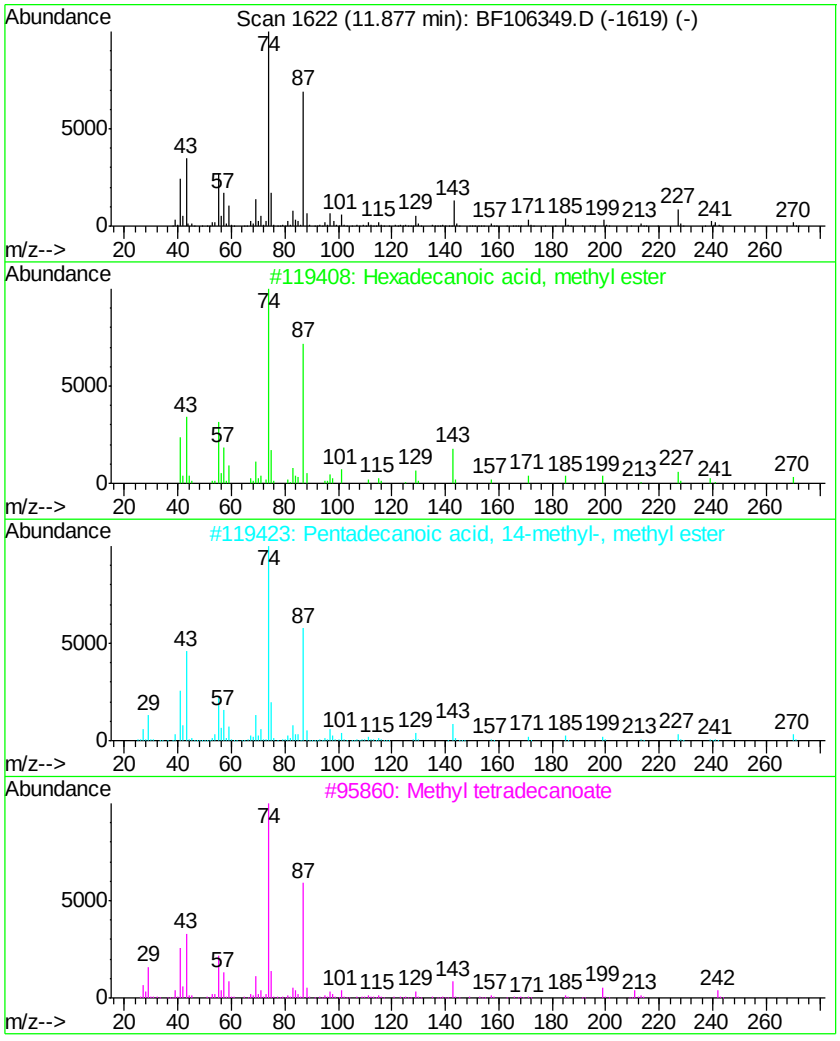
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

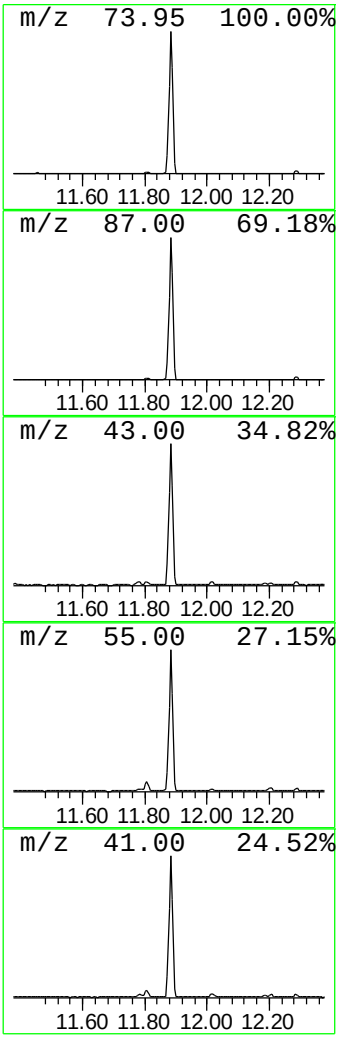
****

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	79.30 ng	3887690	Phenanthrene-d10	11.50

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	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

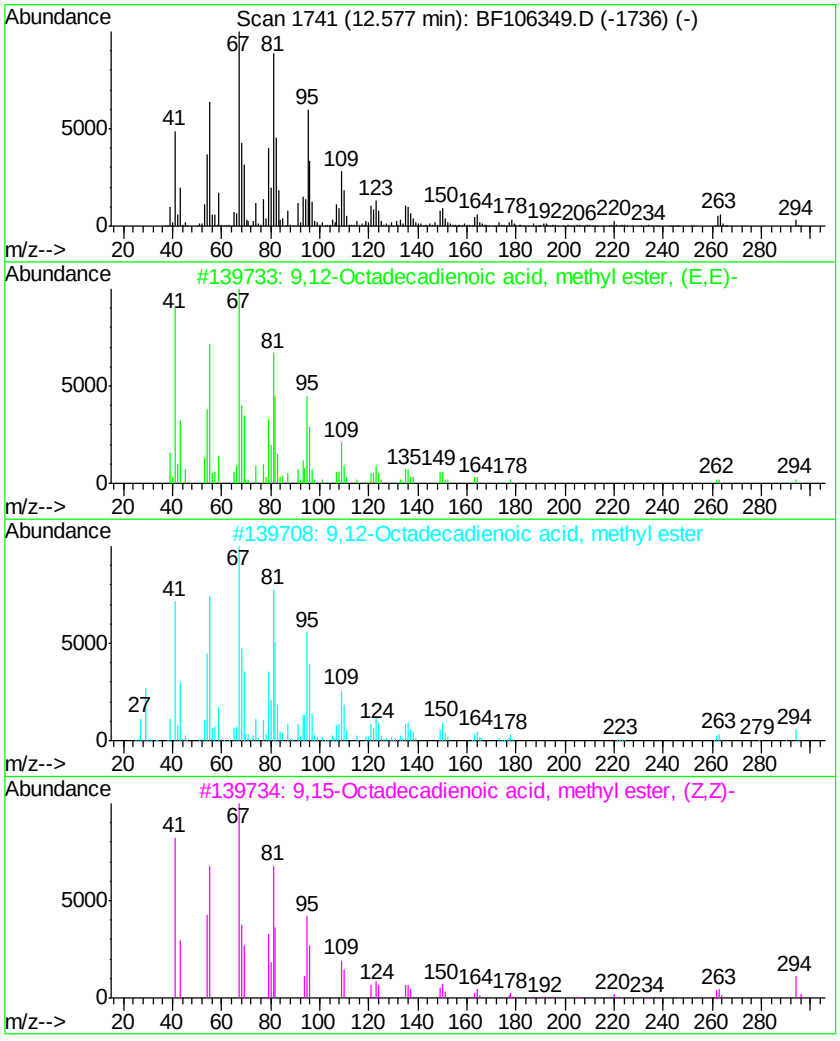
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

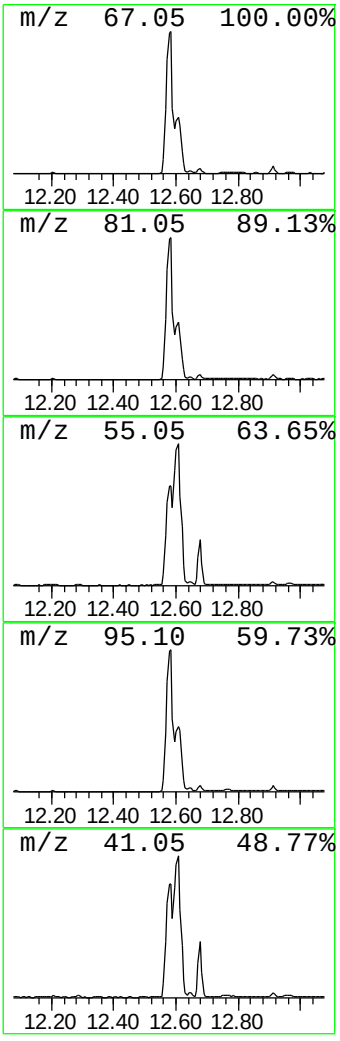
****

Peak Number 9 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	170.83 ng	8375010	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

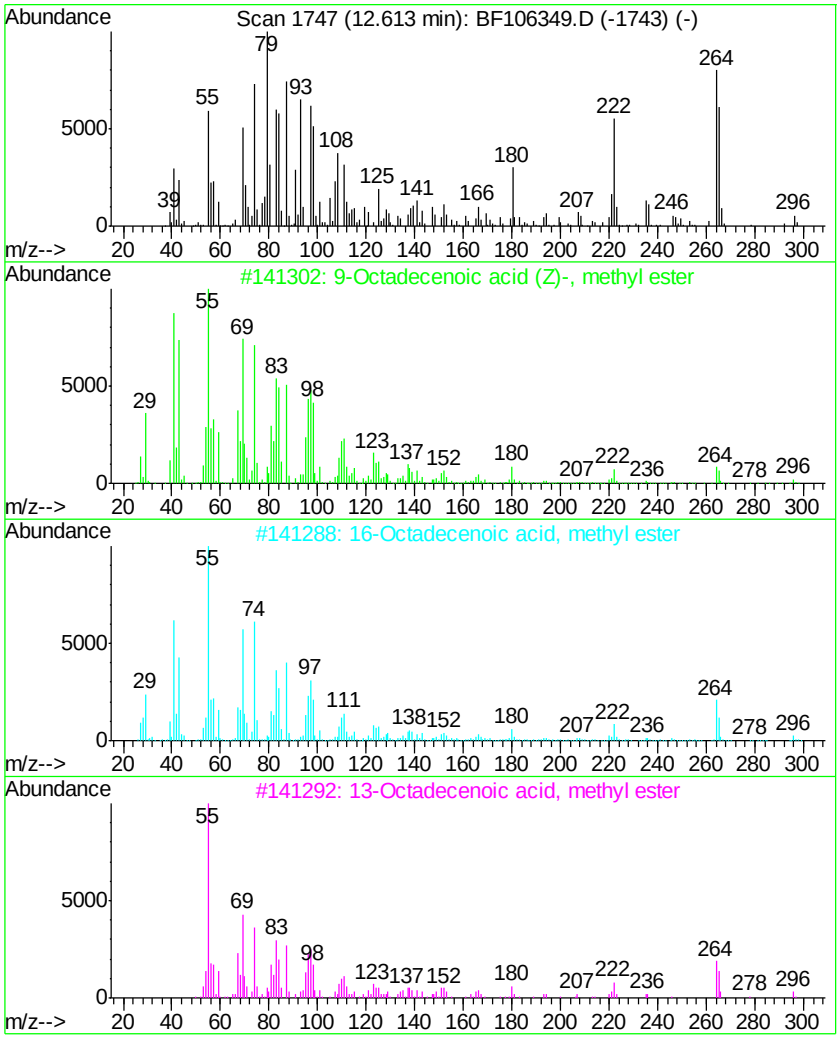
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

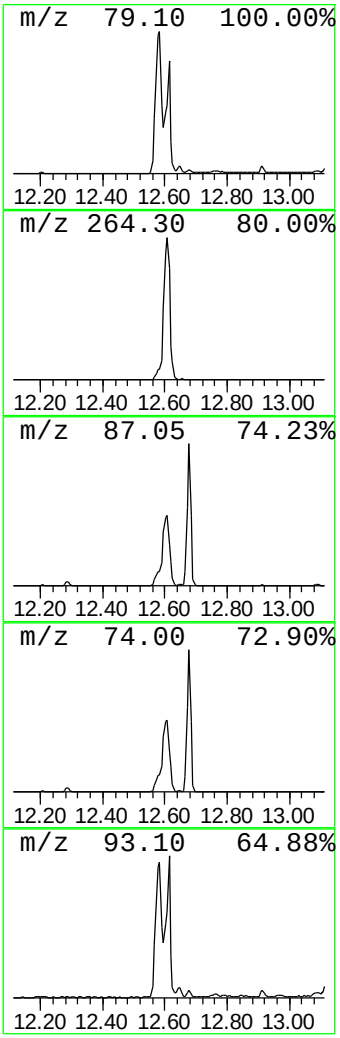
****

Peak Number 10 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	189.85 ng	9307440	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	96
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	92
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	76
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	74
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

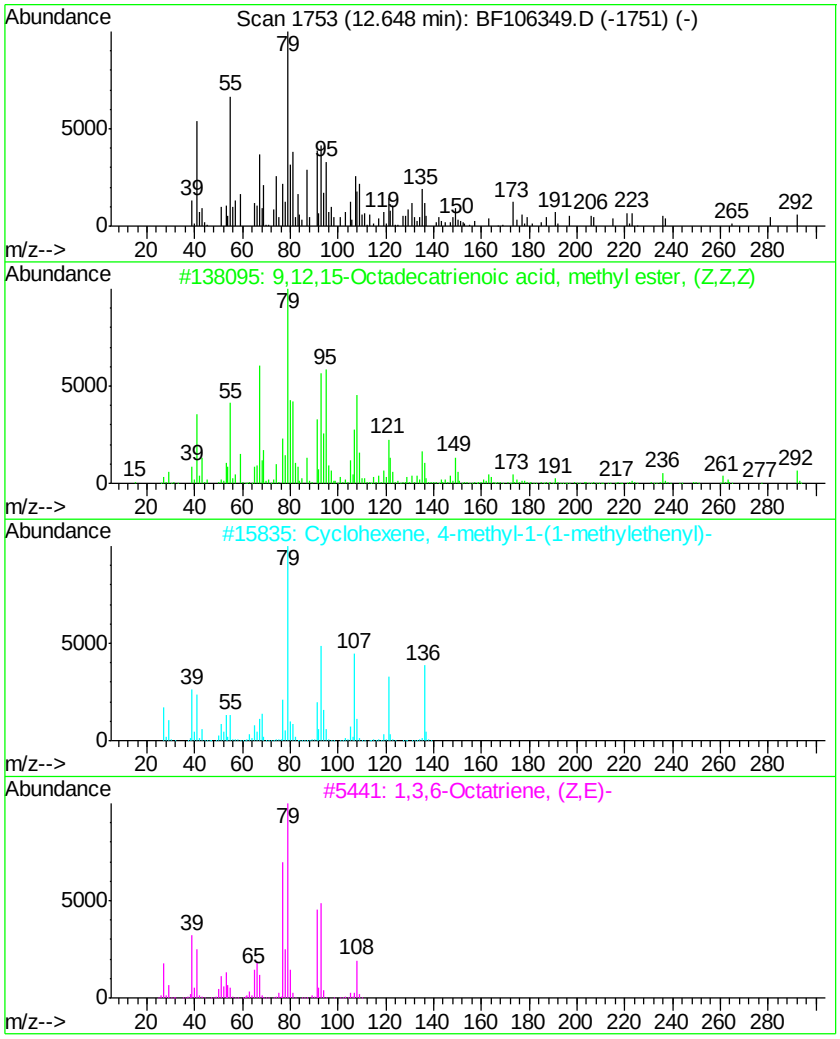
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

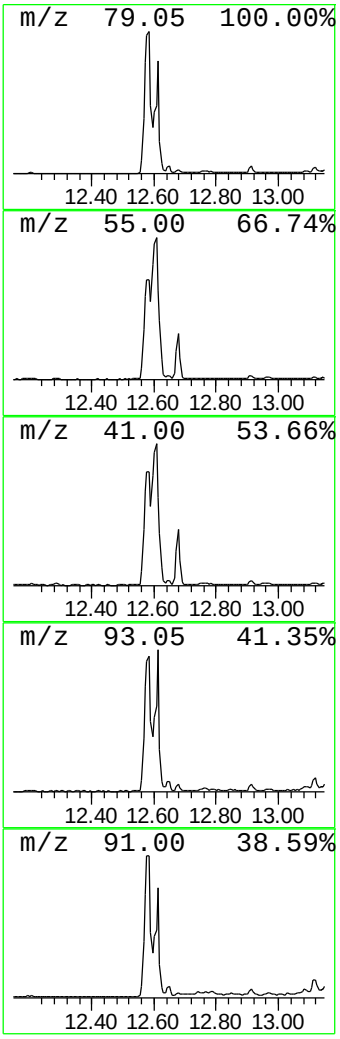
****

Peak Number 11 9,12,15-Octadecatrienoic ac... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	2.68 ng	131488	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	68
2	Cyclohexene, 4-methyl-1-(1-methy...	136	C10H16	000586-67-4	52
3	1,3,6-Octatriene, (Z,E)-	108	C8H12	022038-68-2	49
4	3-Heptadecen-5-yne, (Z)-	234	C17H30	074744-55-1	46
5	1-Dodecen-3-yne	164	C12H20	074744-36-8	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

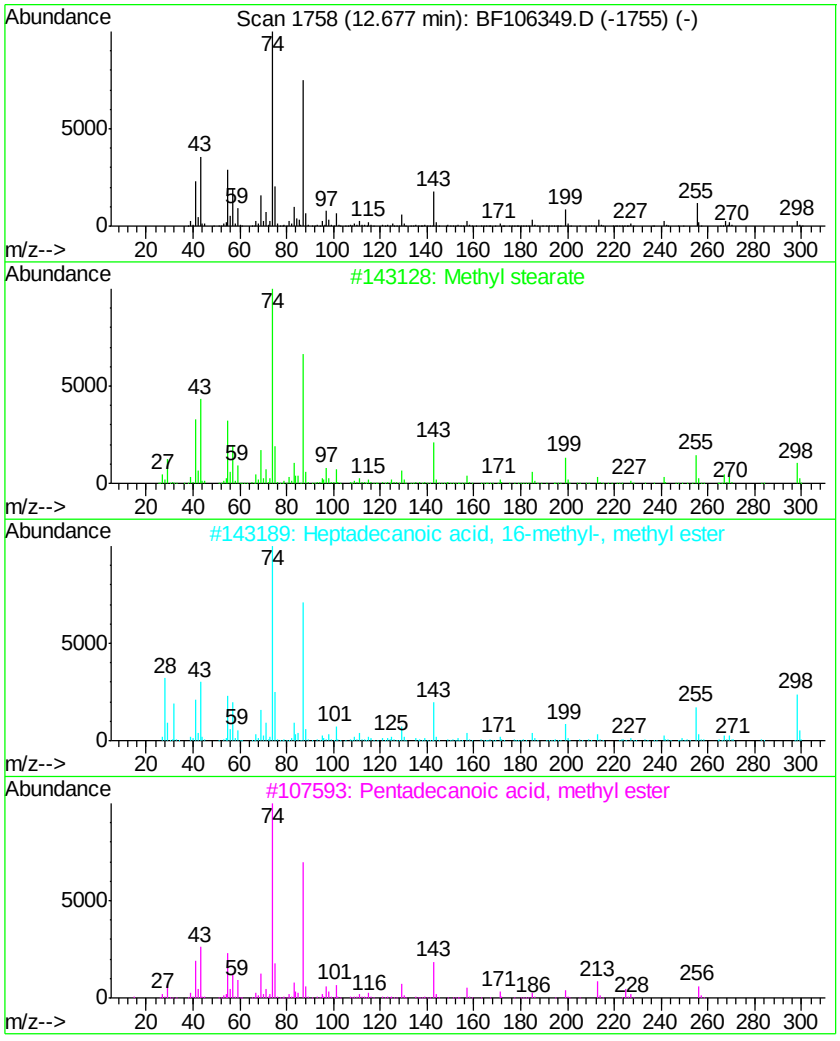
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

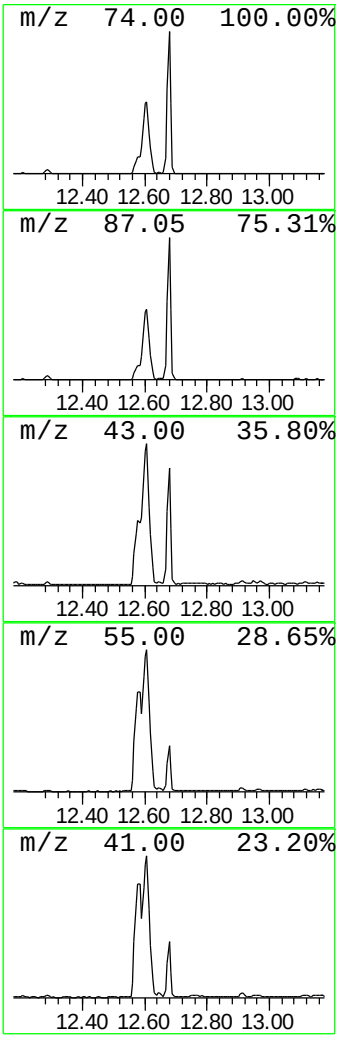
****

Peak Number 12 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	44.45 ng	2179160	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	96
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

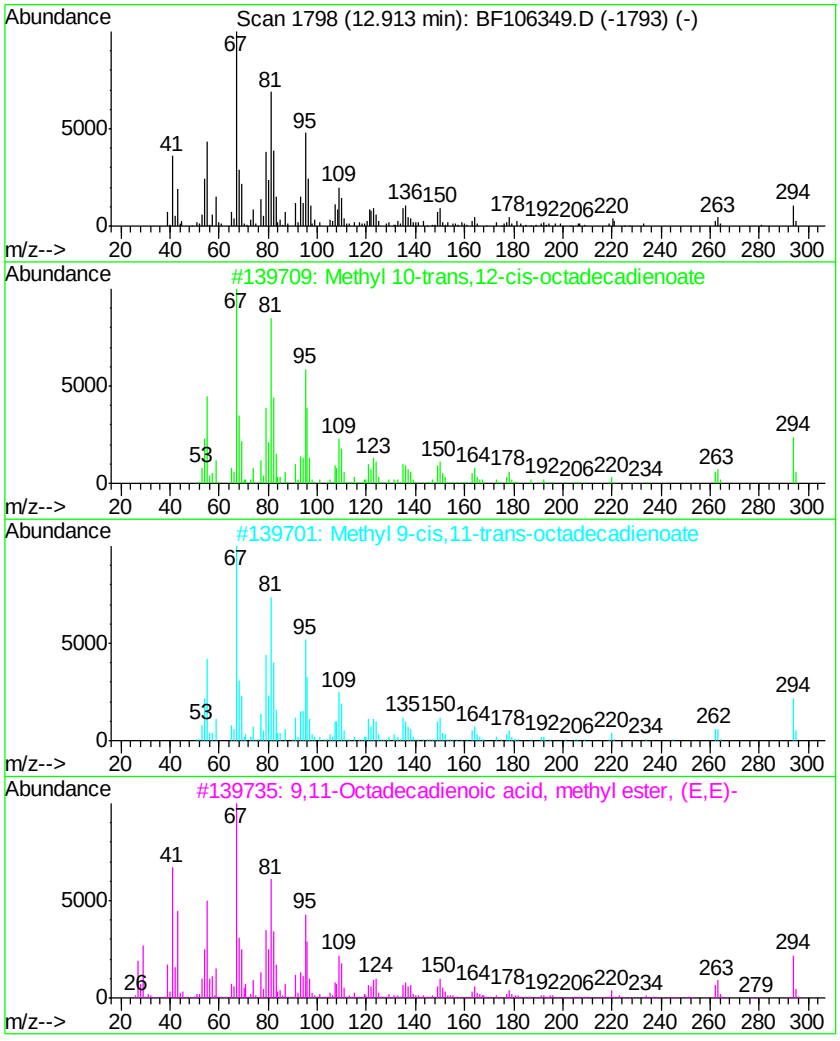
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

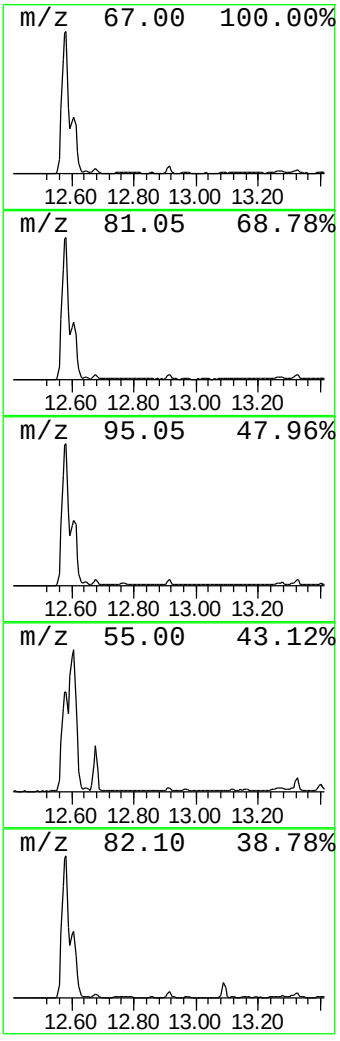
****

Peak Number 13 Methyl 10-trans,12-cis-octa... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	3.98 ng	231150	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	98
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

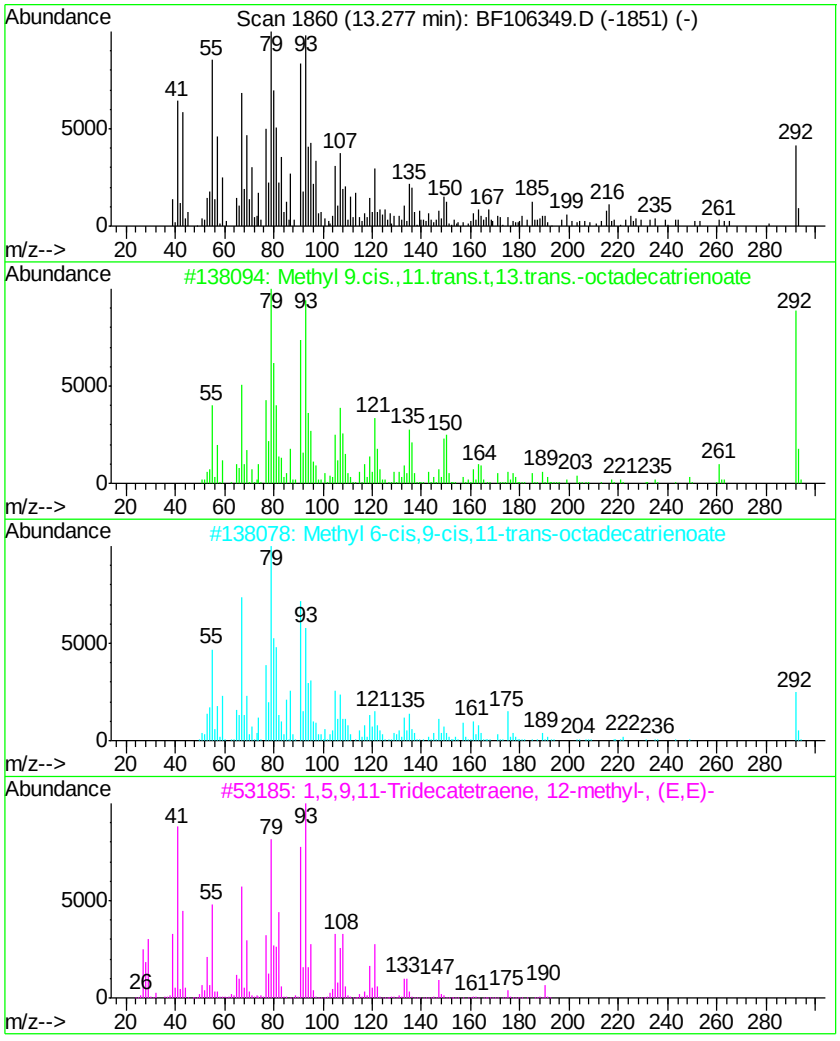
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

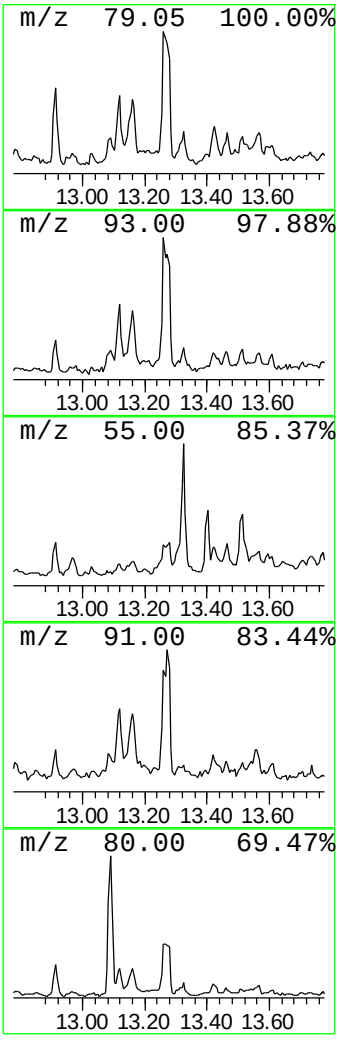
****

Peak Number 14 Methyl 9.cis.,11.trans.t,13... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	7.61 ng	441996	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	94
2	Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	81
3	1,5,9,11-Tridecatetraene, 12-met...	190	C14H22	062338-27-6	70
4	Cyclododecyne	164	C12H20	001129-90-4	70
5	Cyclobutene, 4,4-dimethyl-1-(2,7...	190	C14H22	062338-42-5	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

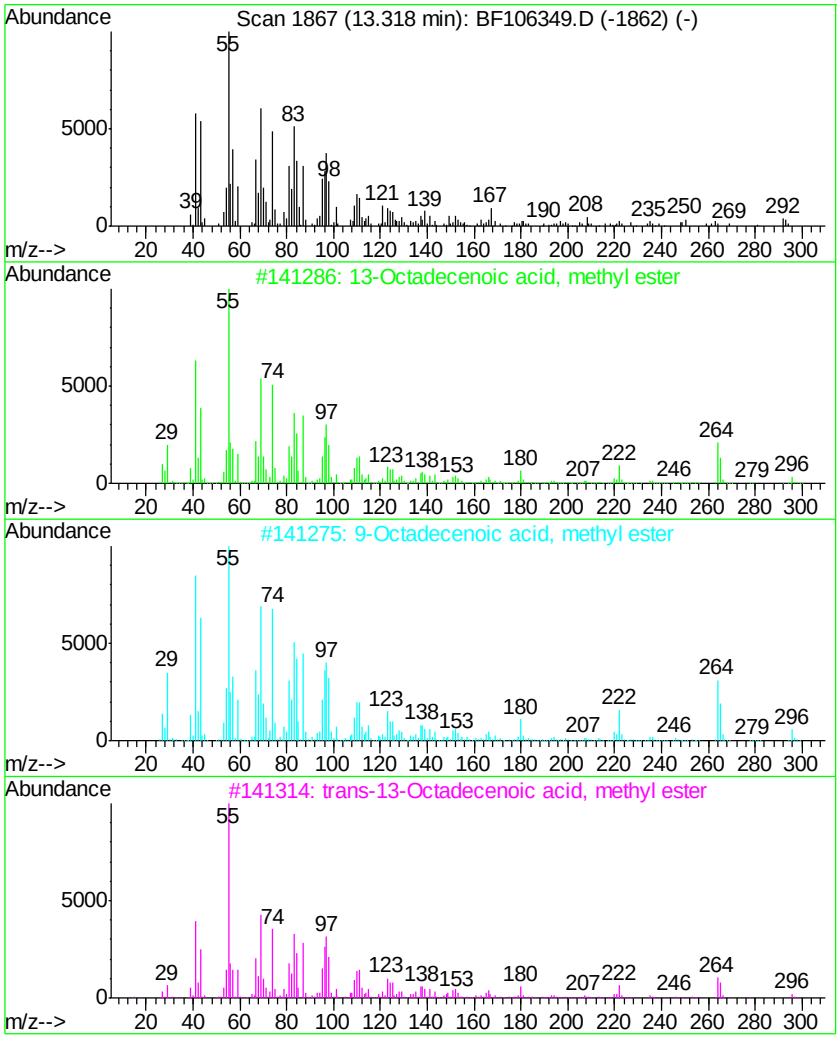
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

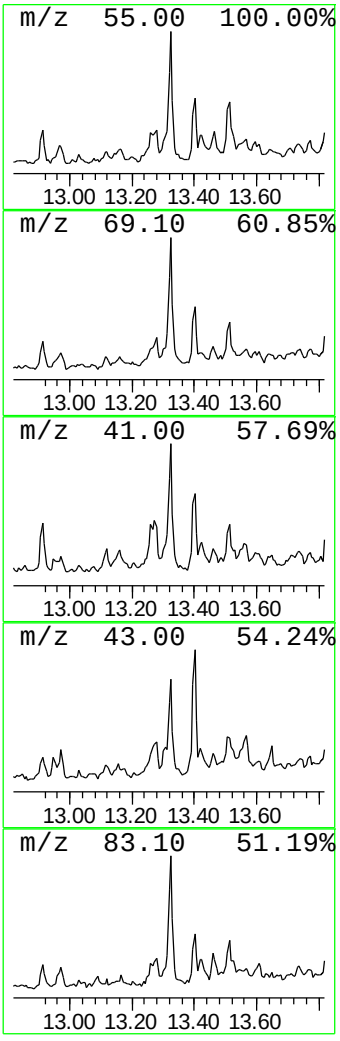
****

Peak Number 15 13-Octadecenoic acid, methy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	9.66 ng	560644	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	90
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	87
3	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	87
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	87
5	Palmitoleic acid	254	C16H30O2	000373-49-9	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

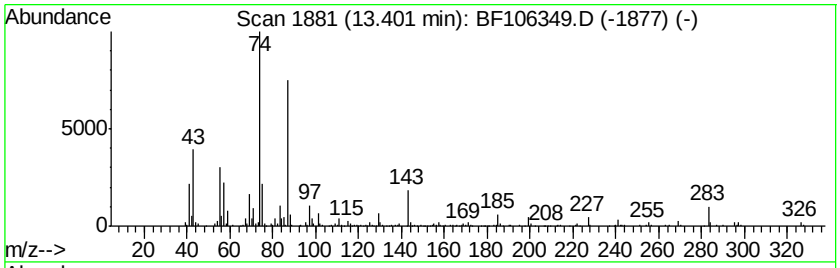
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

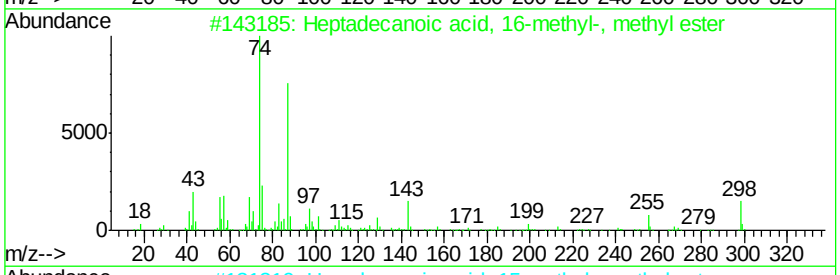
****

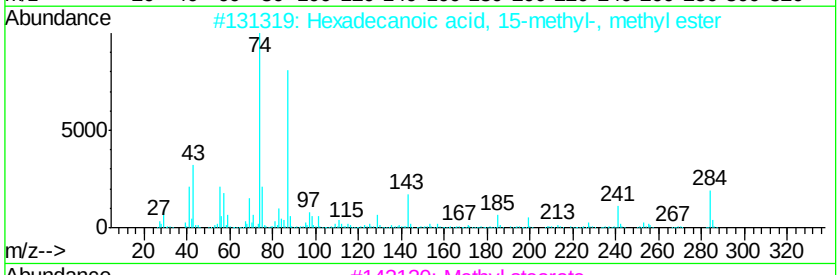
Peak Number 16 Heptadecanoic acid, 16-meth... Concentration Rank 12

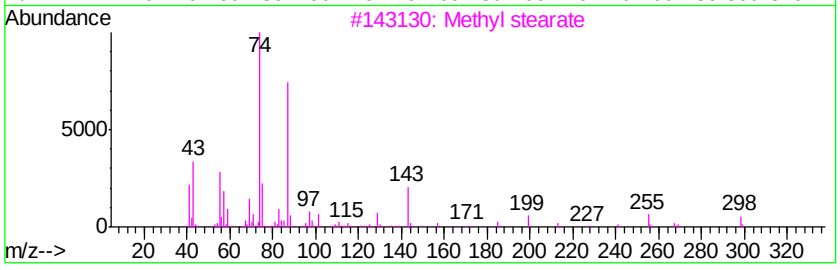
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	5.84 ng	338693	Chrysene-d12	14.16

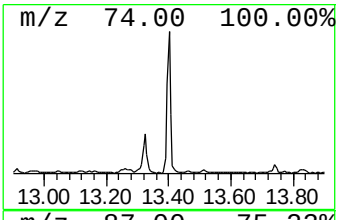
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	98
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	97
3	Methyl stearate	298	C19H38O2	000112-61-8	93
4	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	93
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93

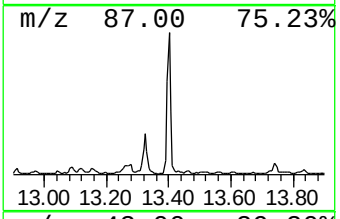


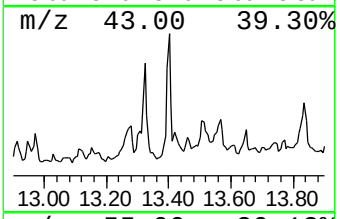


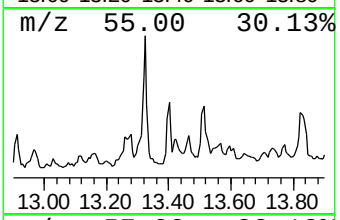


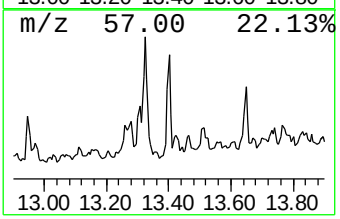












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

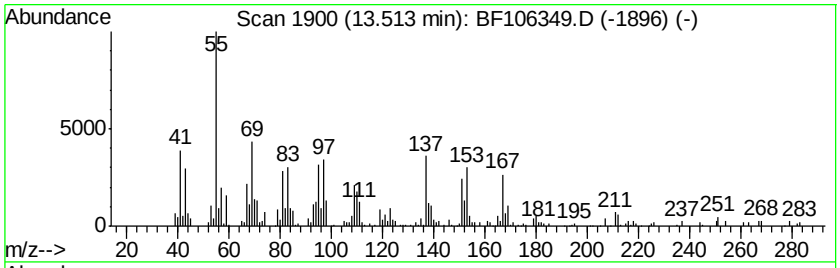
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

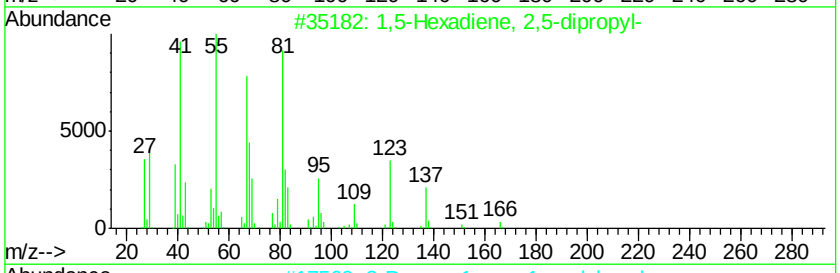
****

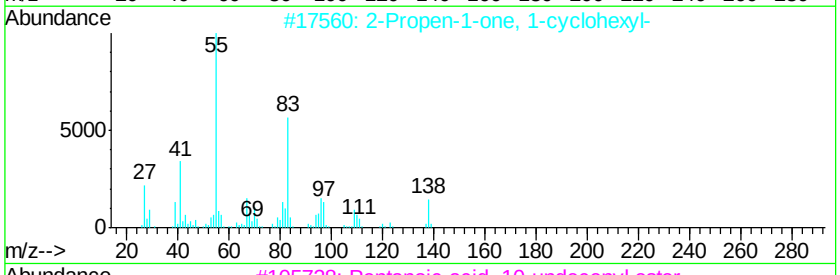
Peak Number 17 unknown13.51 Concentration Rank 16

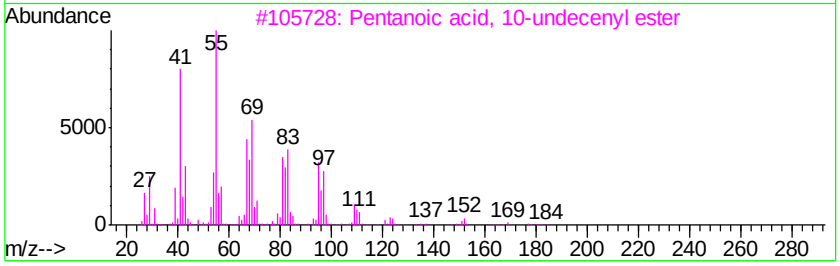
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	3.65 ng	211638	Chrysene-d12	14.16

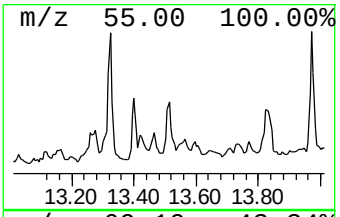
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadiene, 2,5-dipropyl-	166	C12H22	1000158-33-4	22
2	2-Propen-1-one, 1-cyclohexyl-	138	C9H14O	002177-34-6	14
3	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	12
4	Tridecanedial	212	C13H24O2	063521-76-6	12
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	11

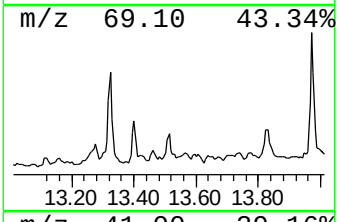


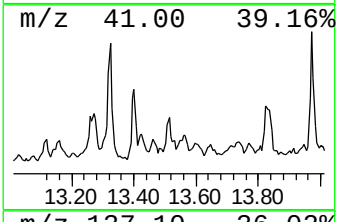


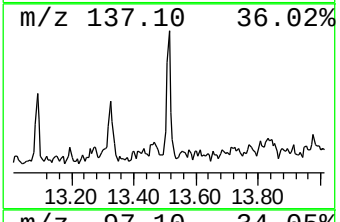


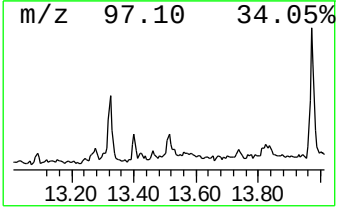












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

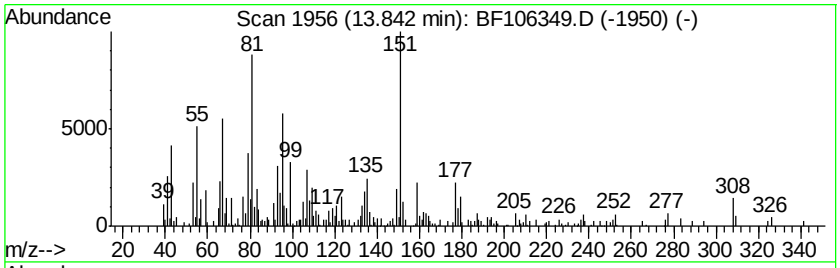
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

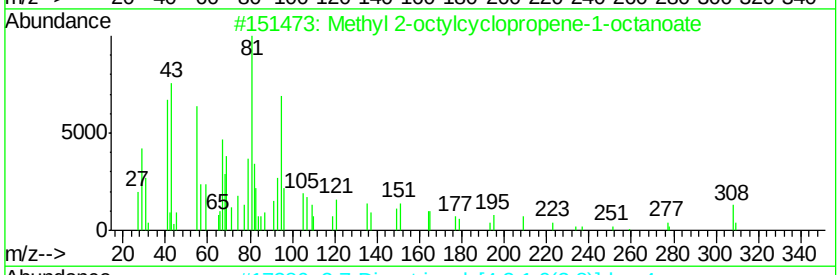
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

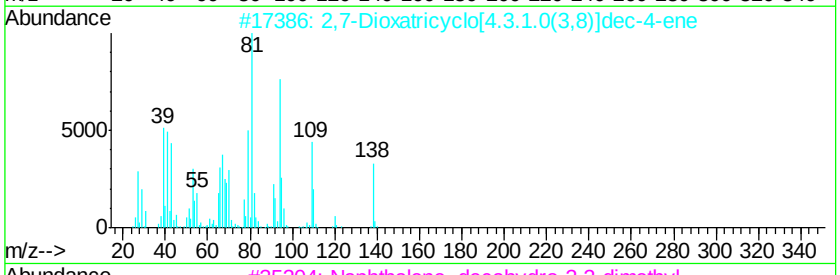
****
Peak Number 18 Methyl 2-octylcyclopropene-... Concentration Rank 8

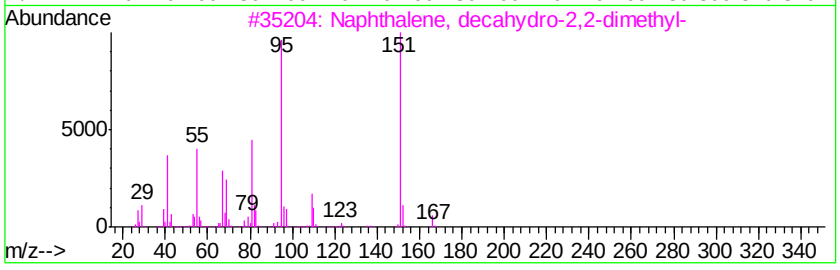
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	7.78 ng	451631	Chrysene-d12	14.16

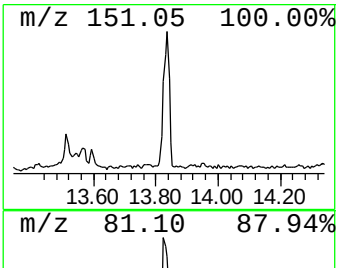
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	78
2	2,7-Dioxatricyclo[4.3.1.0(3,8)]d...	138	C8H10O2	075568-65-9	35
3	Naphthalene, decahydro-2,2-dimet...	166	C12H22	031124-85-3	30
4	4-Amino-2,1,3-benzothiadiazole	151	C6H5N3S	000767-64-6	22
5	Bicyclo[2.2.2]oct-5-en-2-one, 7-...	138	C8H10O2	1000153-14-9	22

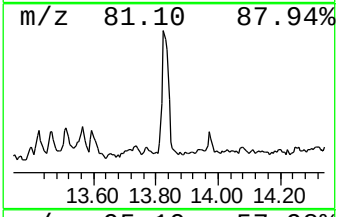


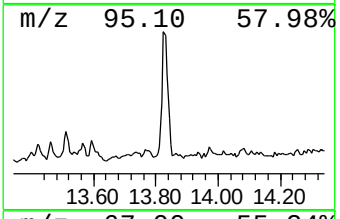


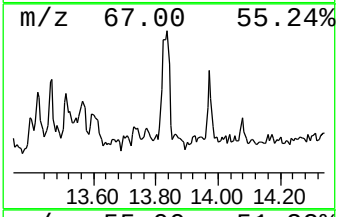


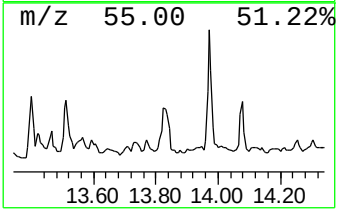












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

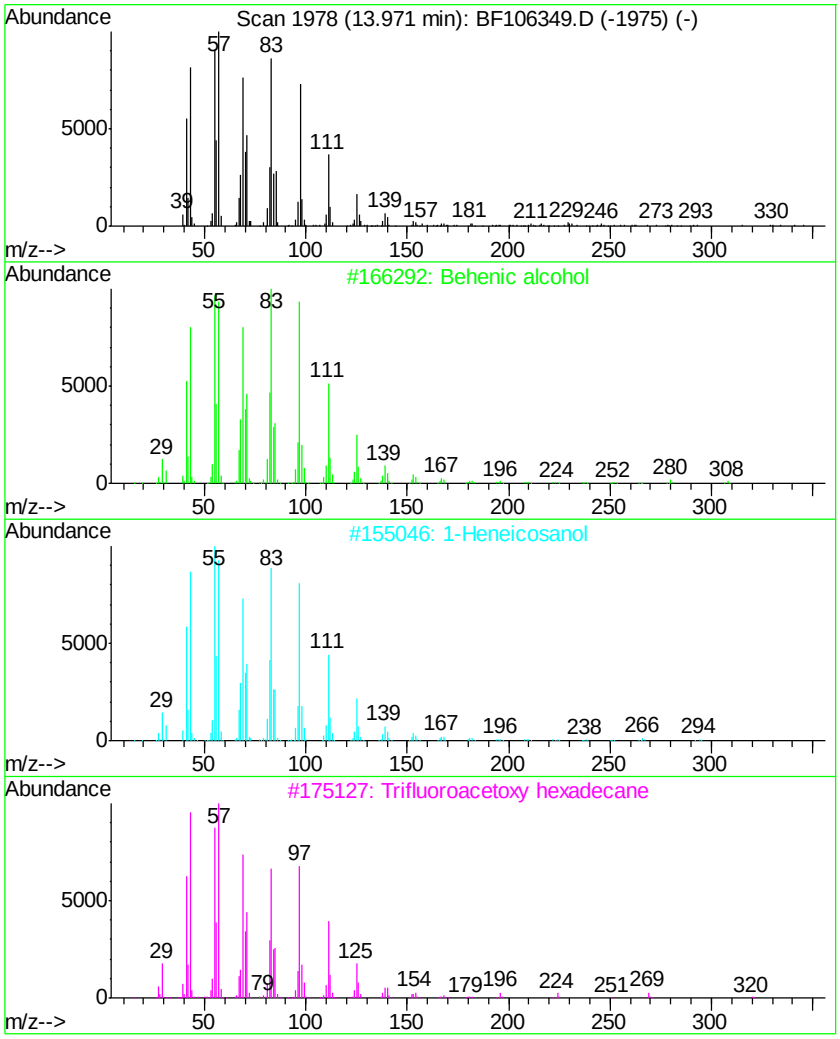
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

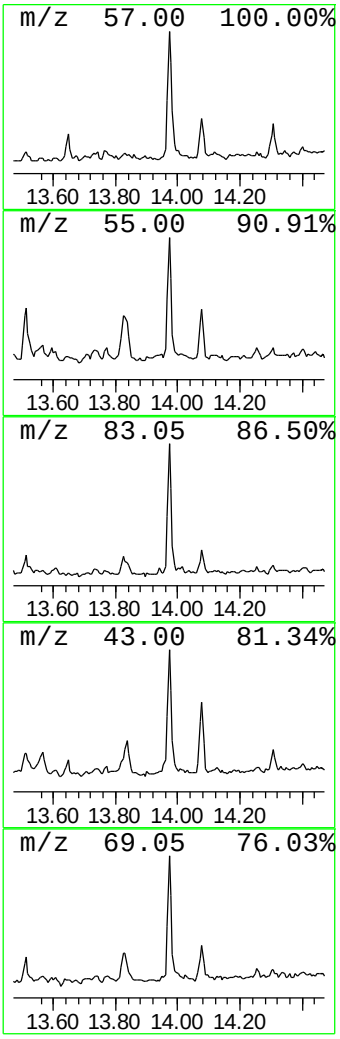
****

Peak Number 19 Behenic alcohol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	6.87 ng	398596	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

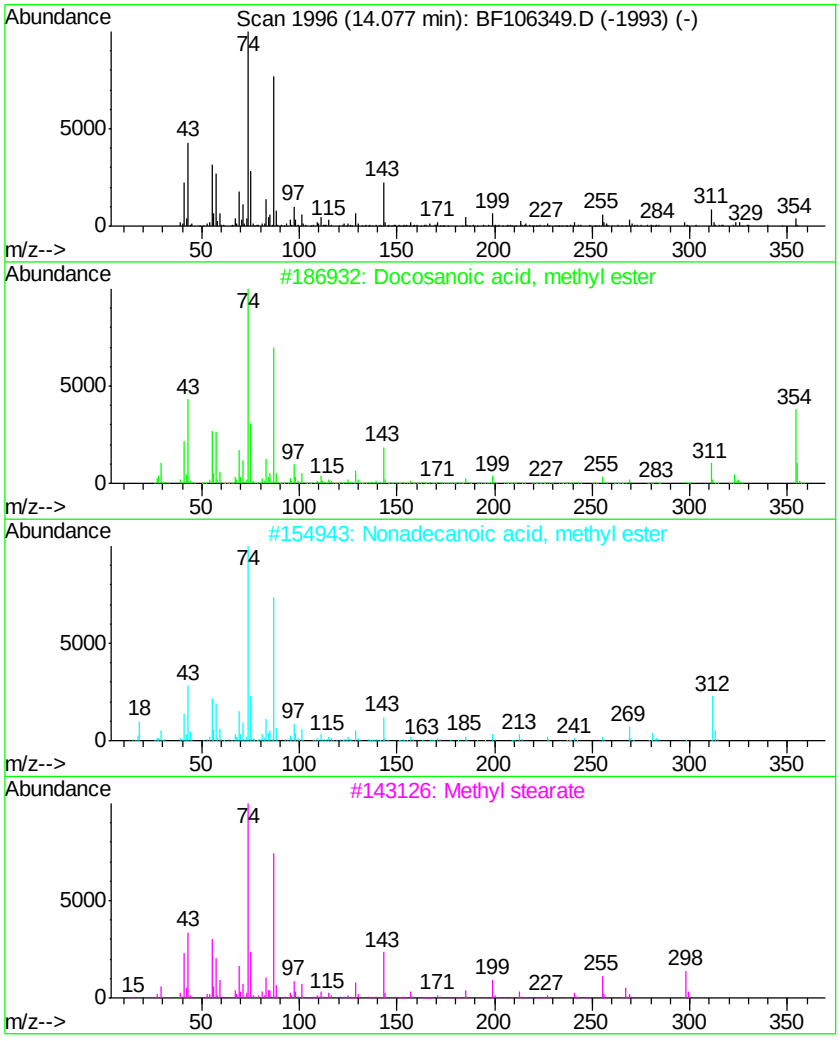
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

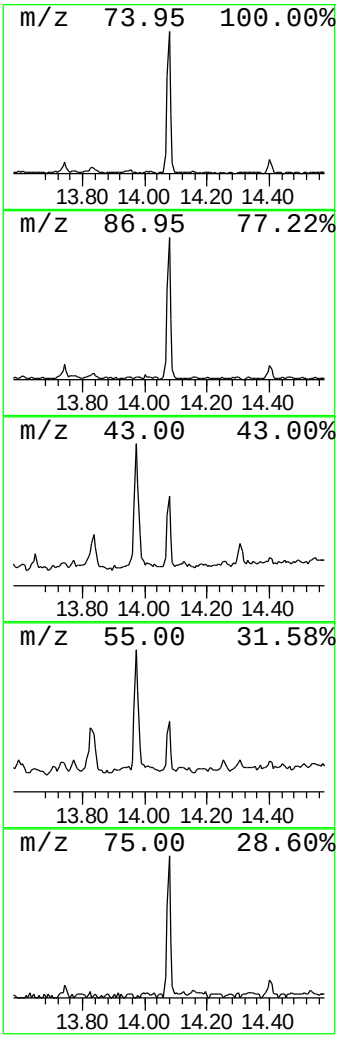
****

Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	4.44 ng	257756	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	96
3	Methyl stearate	298	C19H38O2	000112-61-8	96
4	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	95
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061218\
Data File : BF106349.D
Acq On : 12 Jun 2018 17:20
Operator : JU/SJ
Sample : J3415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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
2-Pentanone, 4-hy...	5.21	6.3	ng	287373	1	6.97	904940	20.0
unknown6.74	6.74	64.7	ng	2927940	1	6.97	904940	20.0
Hexadecane	10.43	3.4	ng	167282	3	10.01	971829	20.0
Tetradecane	10.90	3.2	ng	158598	4	11.50	980532	20.0
9-Hexadecenoic ac...	11.81	3.1	ng	150164	4	11.50	980532	20.0
Hexadecanoic acid...	11.88	79.3	ng	3887690	4	11.50	980532	20.0
9,12-Octadecadien...	12.58	170.8	ng	8375010	4	11.50	980532	20.0
9-Octadecenoic ac...	12.61	189.8	ng	9307440	4	11.50	980532	20.0
9,12,15-Octadecat...	12.65	2.7	ng	131488	4	11.50	980532	20.0
Methyl stearate	12.68	44.5	ng	2179160	4	11.50	980532	20.0
Methyl 10-trans,1...	12.91	4.0	ng	231150	5	14.16	1160890	20.0
Methyl 9.cis.,11....	13.28	7.6	ng	441996	5	14.16	1160890	20.0
13-Octadecenoic a...	13.32	9.7	ng	560644	5	14.16	1160890	20.0
Heptadecanoic aci...	13.40	5.8	ng	338693	5	14.16	1160890	20.0
unknown13.51	13.51	3.6	ng	211638	5	14.16	1160890	20.0
Methyl 2-octylcyc...	13.84	7.8	ng	451631	5	14.16	1160890	20.0
Behenic alcohol	13.97	6.9	ng	398596	5	14.16	1160890	20.0
Docosanoic acid, ...	14.08	4.4	ng	257756	5	14.16	1160890	20.0