LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111821.D
Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-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-BF121918.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	5.116	507	515	521	rBV	246740	320122	1.12%	0.263%
2	5.534	581	586	590	rBV	4823570	4839621	17.01%	3.979%
3	6.545	752	758	762	rBV	4978662	5363256	18.85%	4.410%
4	6.675	776	780	783	rBV	5615391	5132749	18.04%	4.220%
5	6.898	815	818	822	rBV	2116654	1735989	6.10%	1.427%
6	7.057	841	845	848	rBV	4438424	3787022	13.31%	3.114%
7	7.457	908	913	916	rBV	3259554	3104942	10.91%	2.553%
8	8.181	1031	1036	1039	rBV	1818023	1612611	5.67%	1.326%
9	9.257	1214	1219	1222	rBV	4727906	3906080	13.73%	3.212%
10	9.510	1259	1262	1269	rBV	525772	444641	1.56%	0.366%
11	9.645	1282	1285	1289	rVB	524635	423309	1.49%	0.348%
12	9.939	1331	1335	1338	rBV	2206122	1836303	6.45%	1.510%
13	9.975	1338	1341	1345	rVB	653982	472638	1.66%	0.389%
14	10.727	1465	1469	1472	rBV	4044555	3543914	12.45%	2.914%
15	10.939	1502	1505	1508	rBV	1165595	879189	3.09%	0.723%
16	11.422	1583	1587	1590	rBV	2011458	1741559	6.12%	1.432%
17	11.733	1638	1640	1645	rVB	755080	597150	2.10%	0.491%
18	11.822	1649	1655	1658	rBV	11558876	13404586	47.10%	11.021%
19	11.957	1674	1678	1684	rBV	843838	872619	3.07%	0.717%
20	12.133	1701	1708	1711	rVB2	270548	323612	1.14%	0.266%
21	12.216	1718	1722	1727	rVB	349372	298401	1.05%	0.245%
22	12.521	1766	1774	1776	rBV	13976738	28457502	100.00%	23.398%
23	12.551	1776	1779	1783	rVV	16360741	20205826	71.00%	16.613%
24	12.616	1786	1790	1792	rVV	7239449	6772013	23.80%	5.568%
25	12.645	1792	1795	1796	rVV2	444869	364104	1.28%	0.299%
26	12.663	1796	1798	1805	rVB3	516155	602363	2.12%	0.495%
27	13.010	1853	1857	1861	rVB	3171013	2919812	10.26%	2.401%
28	13.174	1880	1885	1887	rBV3	187819	297979	1.05%	0.245%
29	13.204	1887	1890	1893	rVV3	316632	473806	1.66%	0.390%
30	13.251	1895	1898	1905	rVB2	1659625	1960972	6.89%	1.612%
31	13.327	1908	1911	1913	rBV	736896	621253	2.18%	0.511%
32	13.439	1926	1930	1936	rVB	1460423	1434962	5.04%	1.180%
33	13.998	2022	2025	2029	rBV	494308	469453	1.65%	0.386%
34	14.063	2032	2036	2040	rVV	1405394	1227067	4.31%	1.009%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111821.D
Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.551	2284	2289	2298	rVB	796409	1177759	4.14%	0.968%

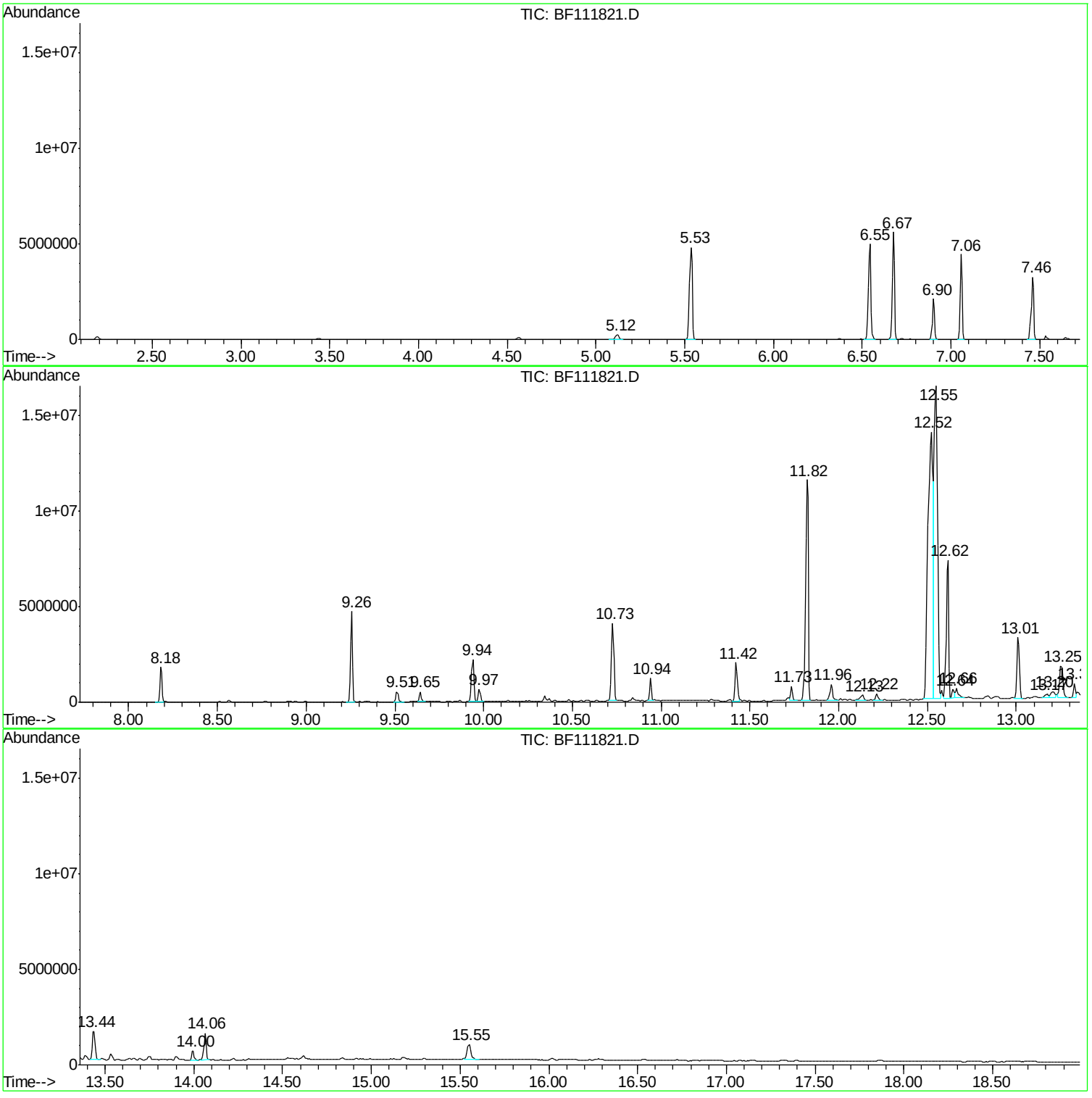
Sum of corrected areas: 121625184

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111821.D
Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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\BF010319\
Data File : BF111821.D
Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
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Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

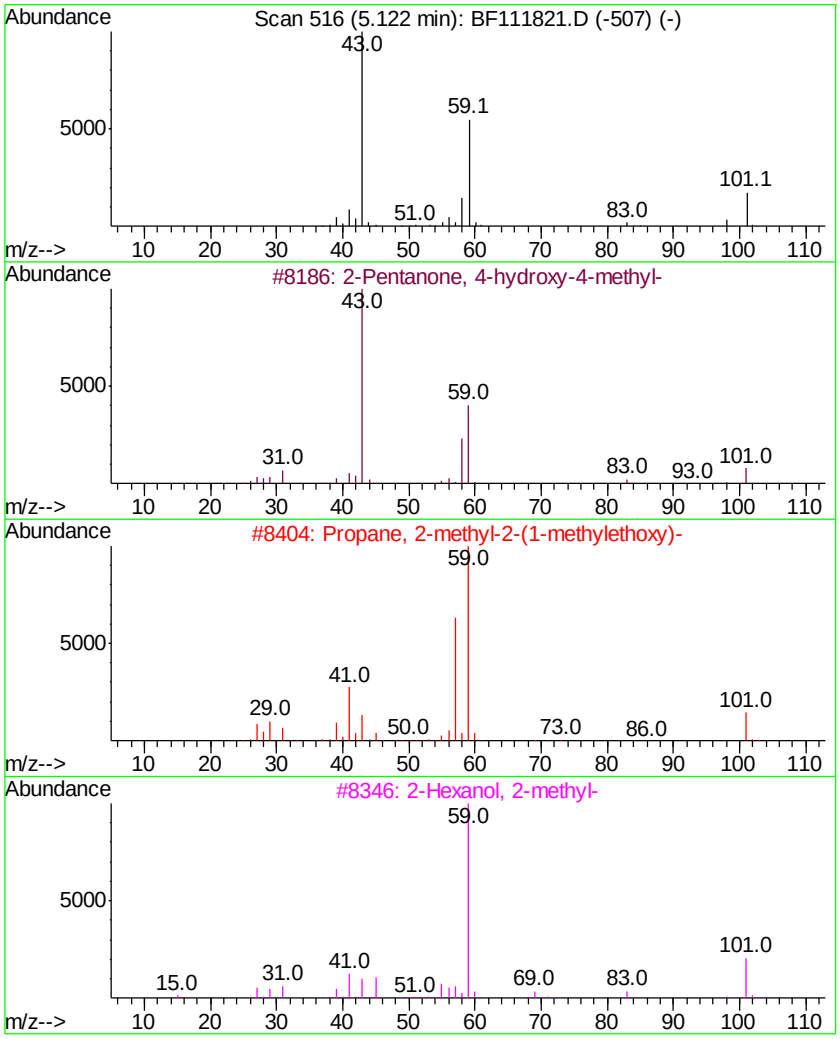
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

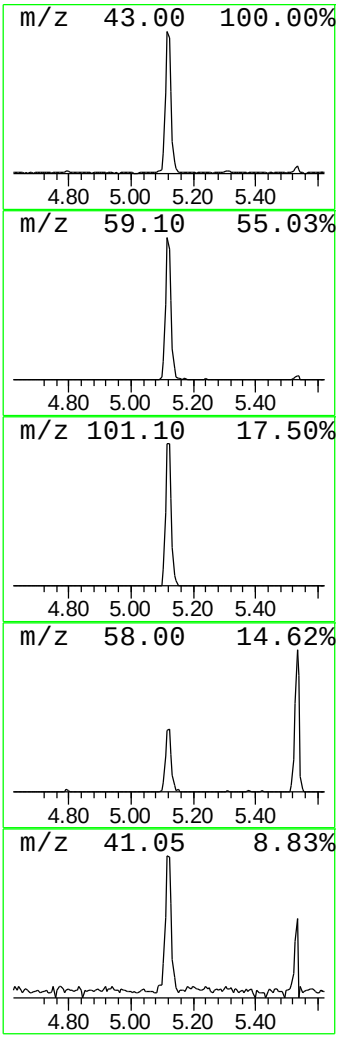
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	3.69 ng	320122	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111821.D
Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

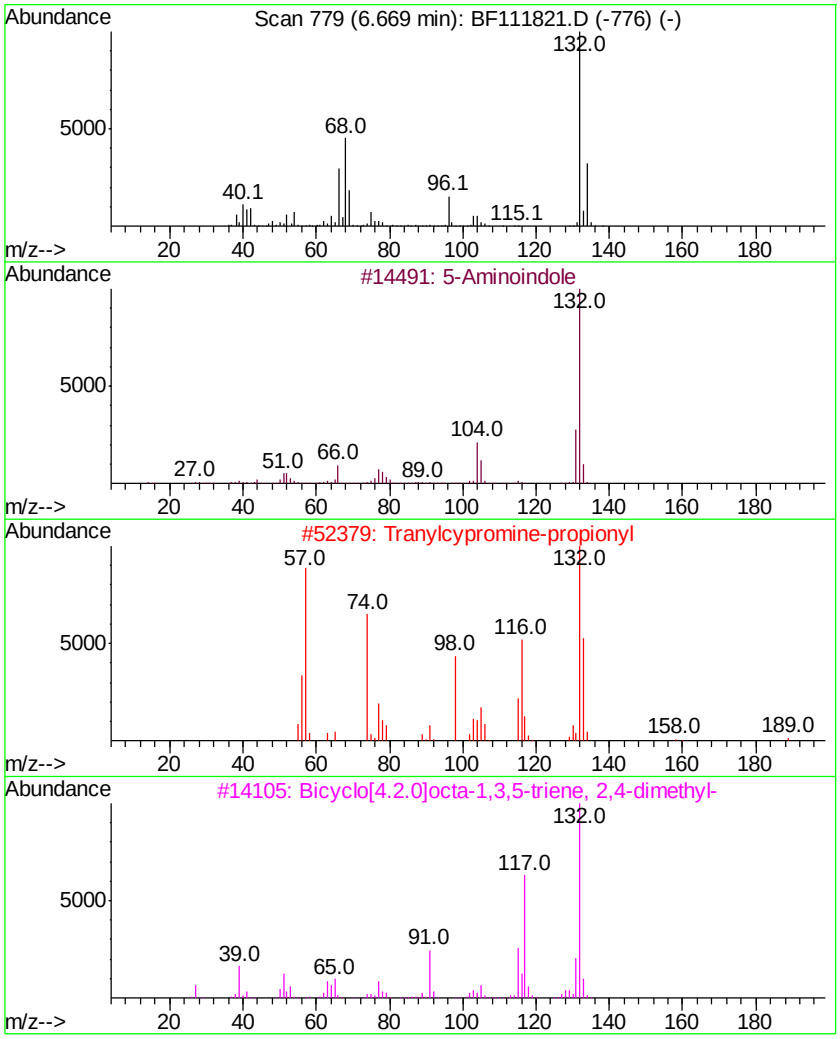
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

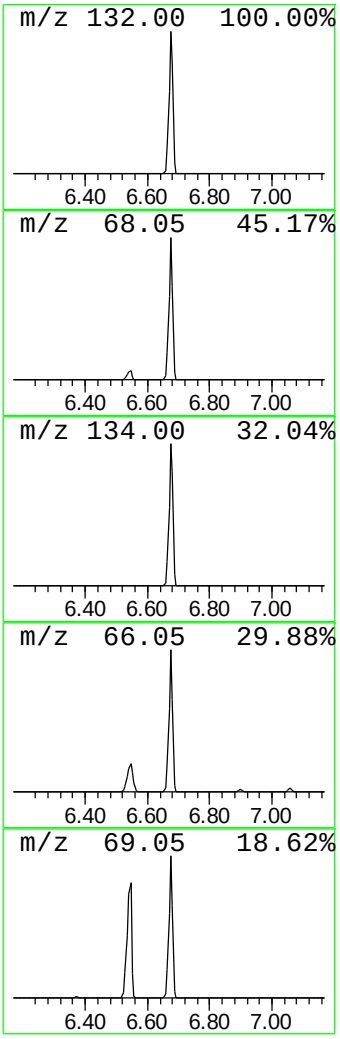
****

Peak Number 2 unknown6.67 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	59.13 ng	5132750	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
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	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111821.D
Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

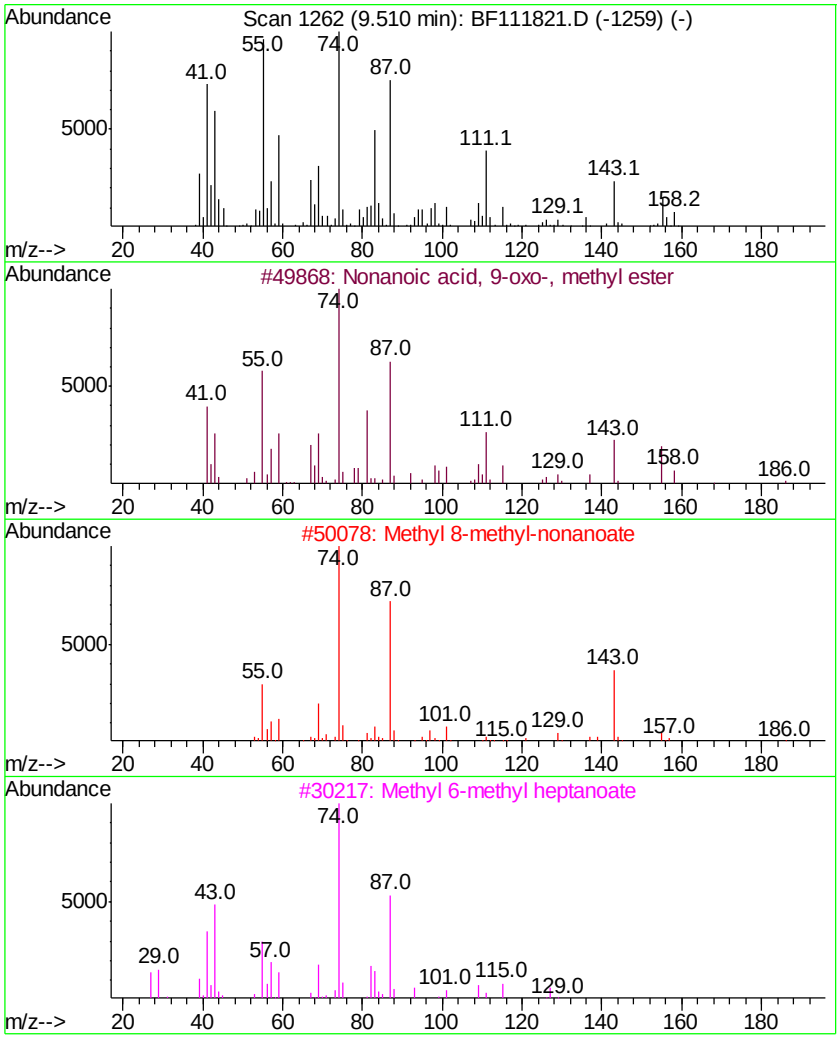
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

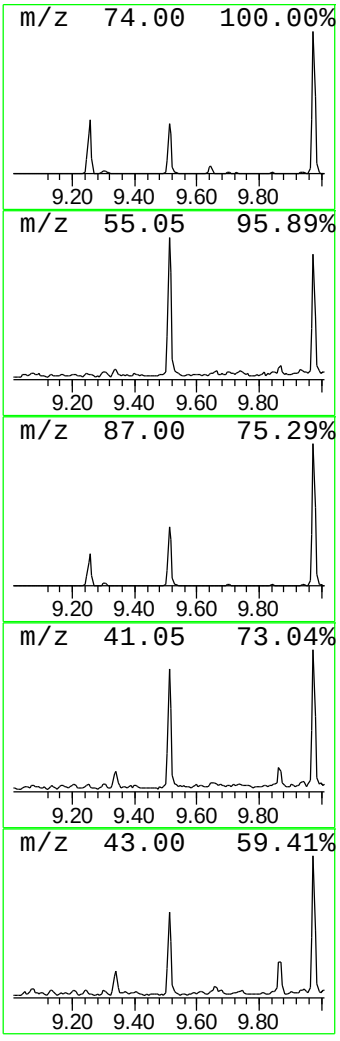
****

Peak Number 4 Nonanoic acid, 9-oxo-, meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	4.84 ng	444641	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid, 9-oxo-, methyl ester	186	C10H18O3	001931-63-1	64
2	Methyl 8-methyl-nonanoate	186	C11H22O2	1000336-43-6	47
3	Methyl 6-methyl heptanoate	158	C9H18O2	002519-37-1	47
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	35
5	2-Nonenoic acid, methyl ester	170	C10H18O2	000111-79-5	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111821.D
Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

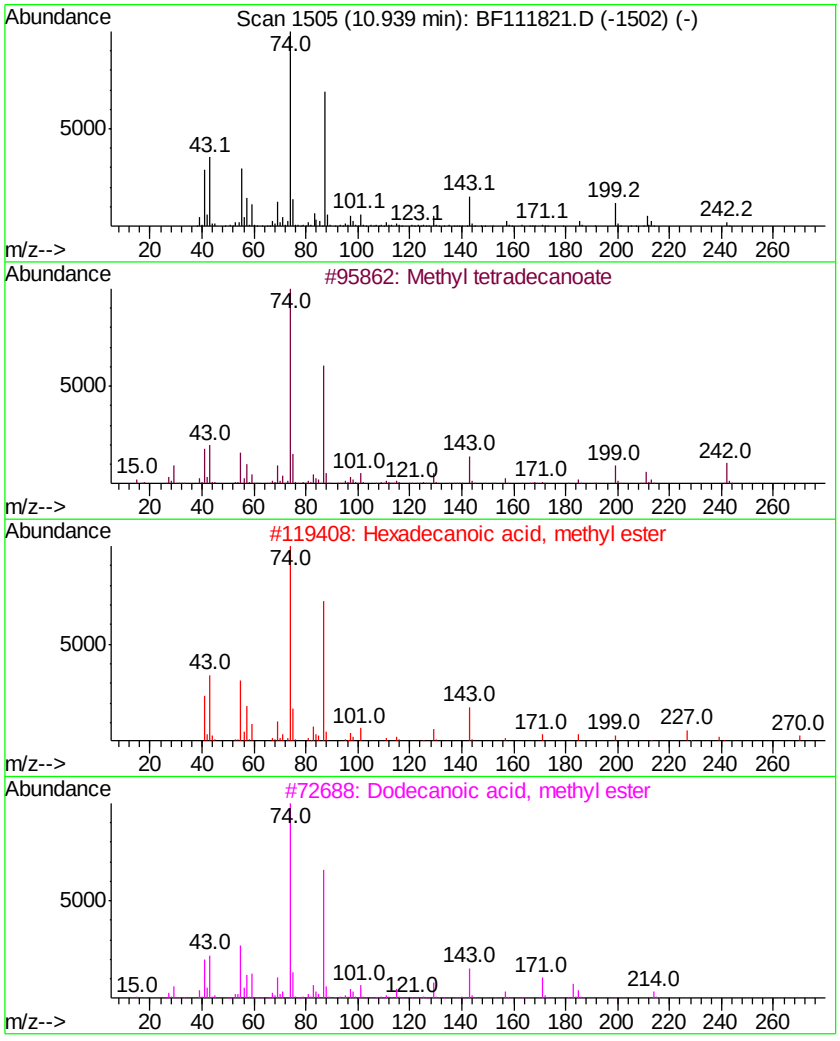
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

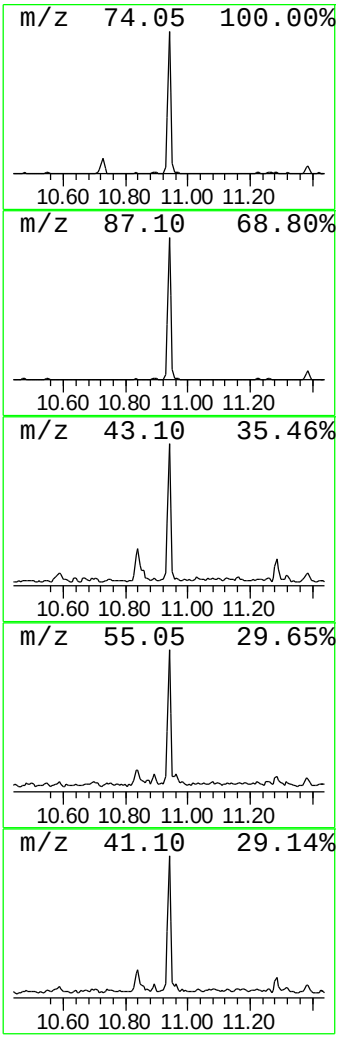
****

Peak Number 5 Methyl tetradecanoate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	10.10 ng	879189	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	86
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111821.D
Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

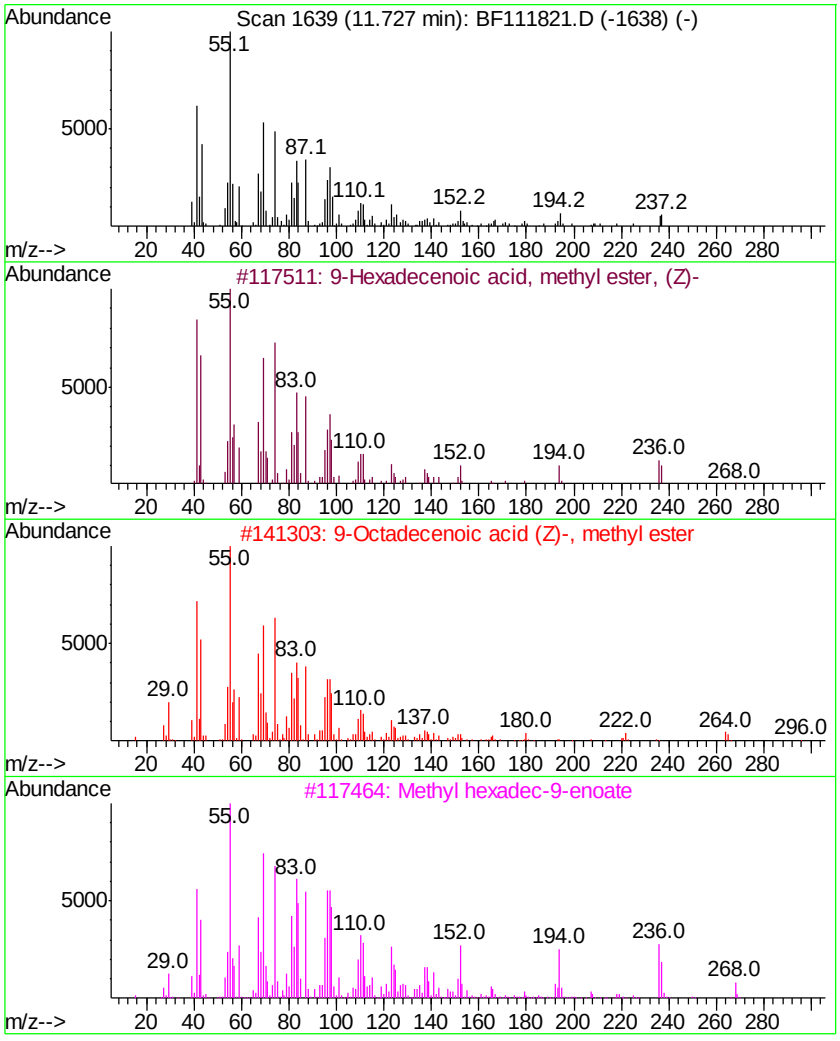
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

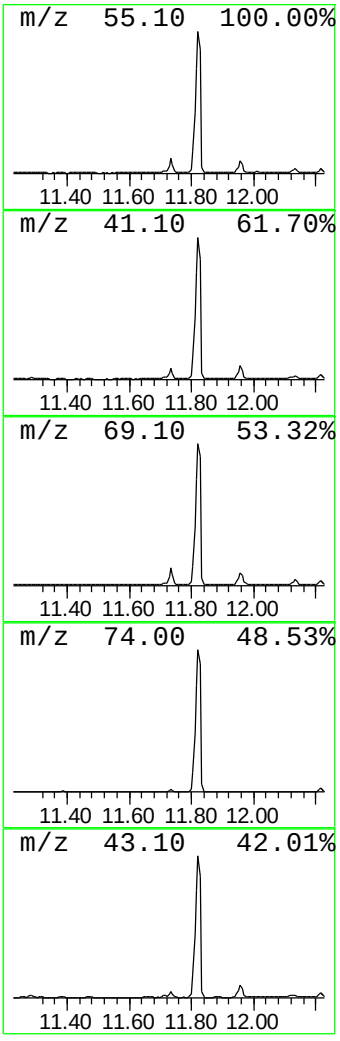
****

Peak Number 6 9-Hexadecenoic acid, methyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	6.86 ng	597150	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
3	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	90
4	14-Methylpentadec-9-enoic acid m...	268	C17H32O2	1000365-89-7	87
5	Methyl myristoleate	240	C15H28O2	056219-06-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111821.D
Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

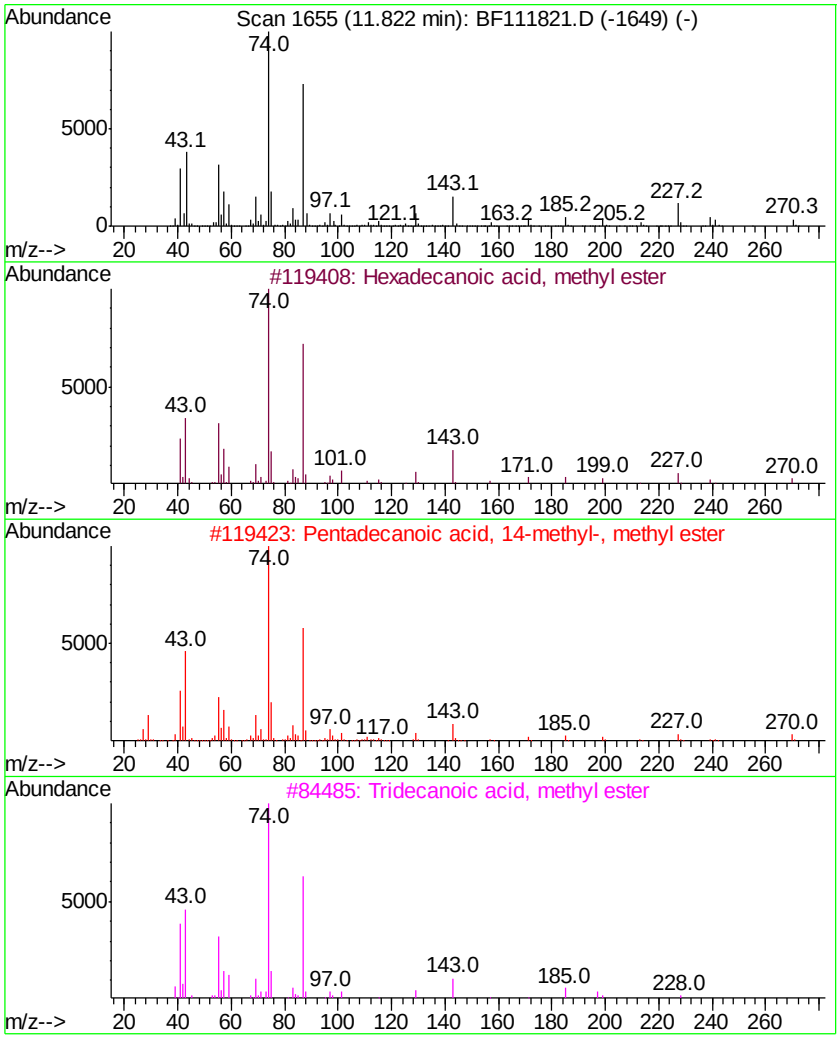
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

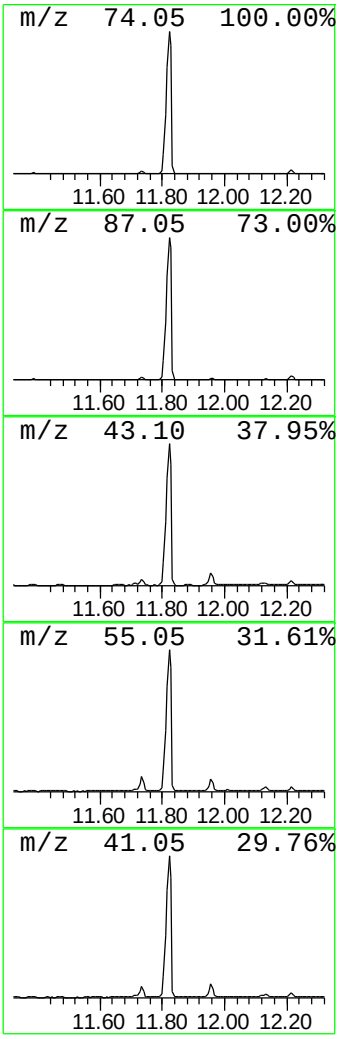
****

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	153.94 ng	13404600	Phenanthrene-d10	11.42

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	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111821.D
Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

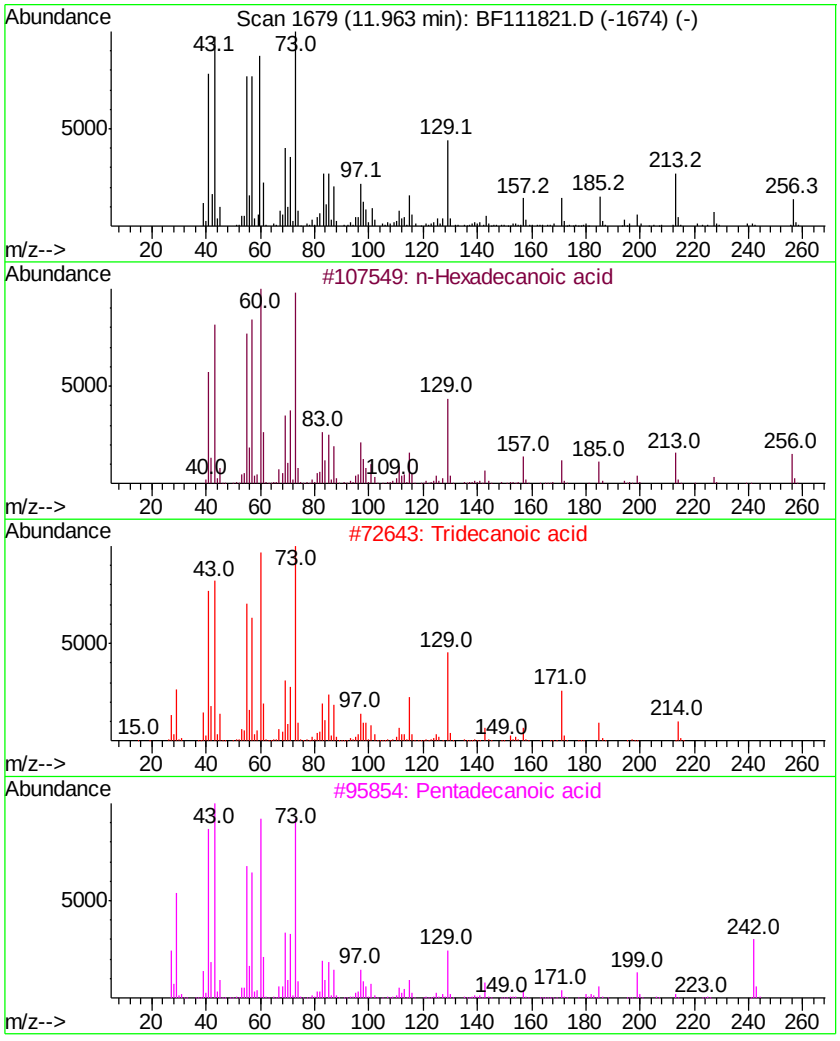
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

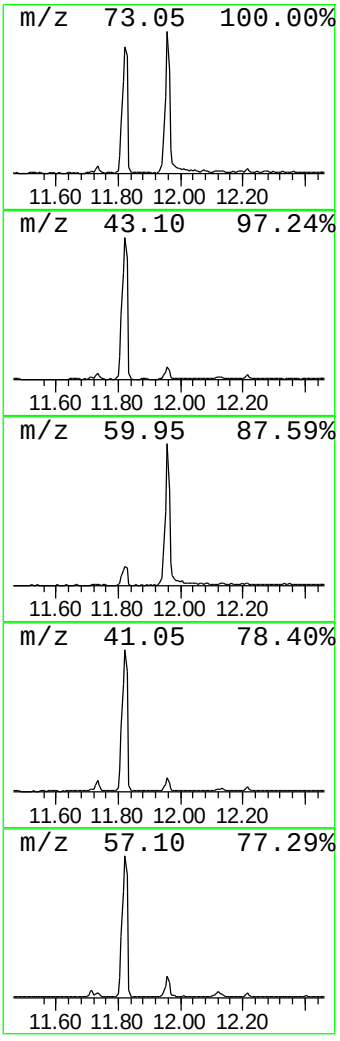
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	10.02 ng	872619	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111821.D
Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

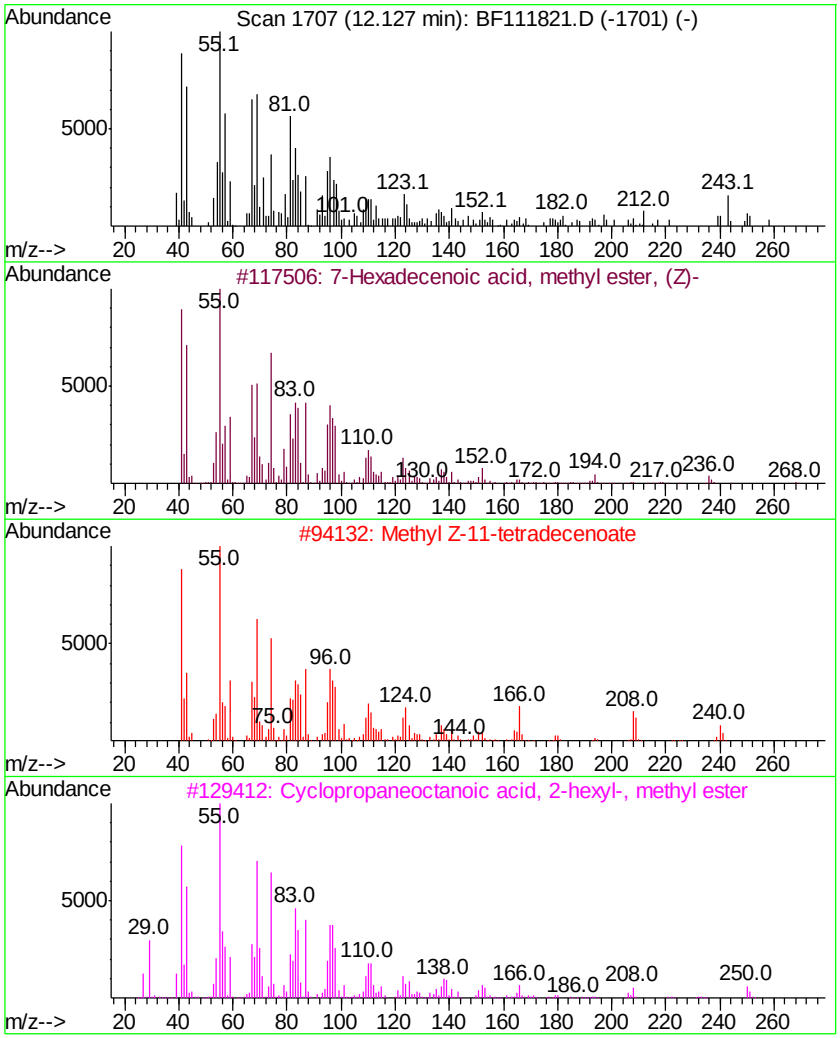
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

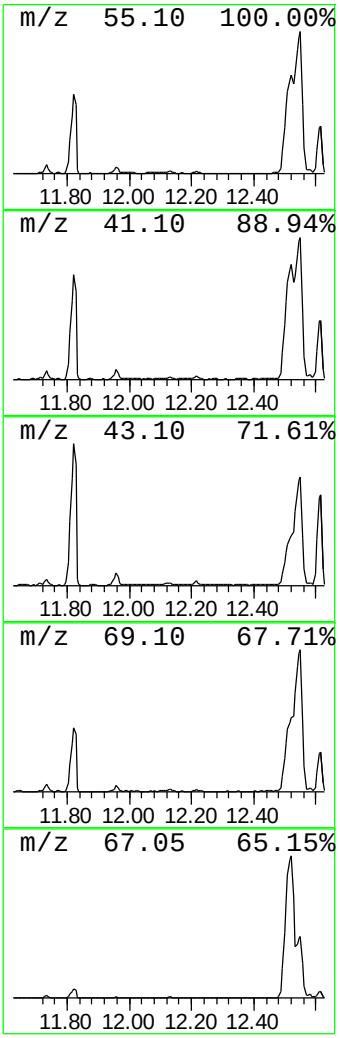
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	3.72 ng	323612	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	86
2	Methyl Z-11-tetradecenoate	240	C15H28O2	1000130-82-8	64
3	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	64
4	Methyl 9-tetradecenoate	240	C15H28O2	1000336-47-3	60
5	Methyl myristoleate	240	C15H28O2	056219-06-8	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111821.D
Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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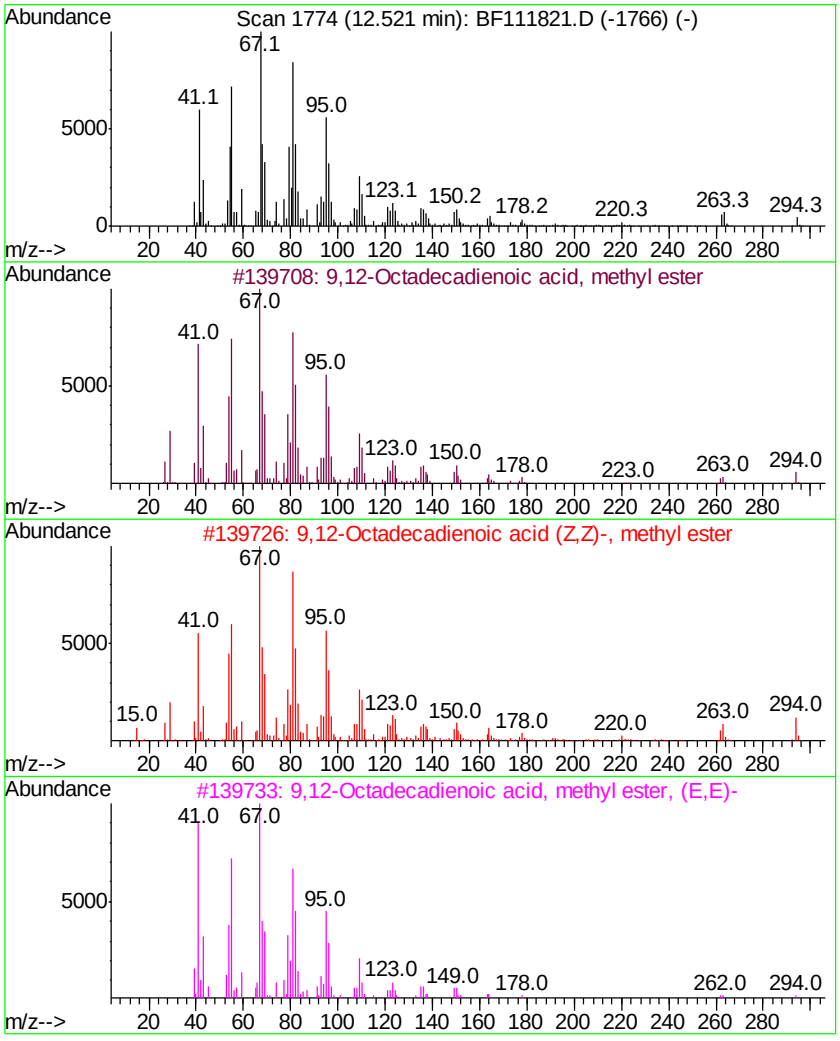
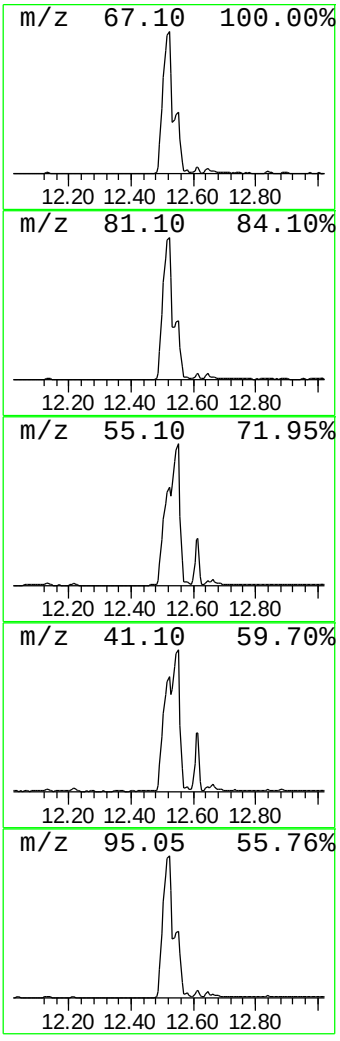
Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	326.81 ng	28457500	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





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Data File : BF111821.D
Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

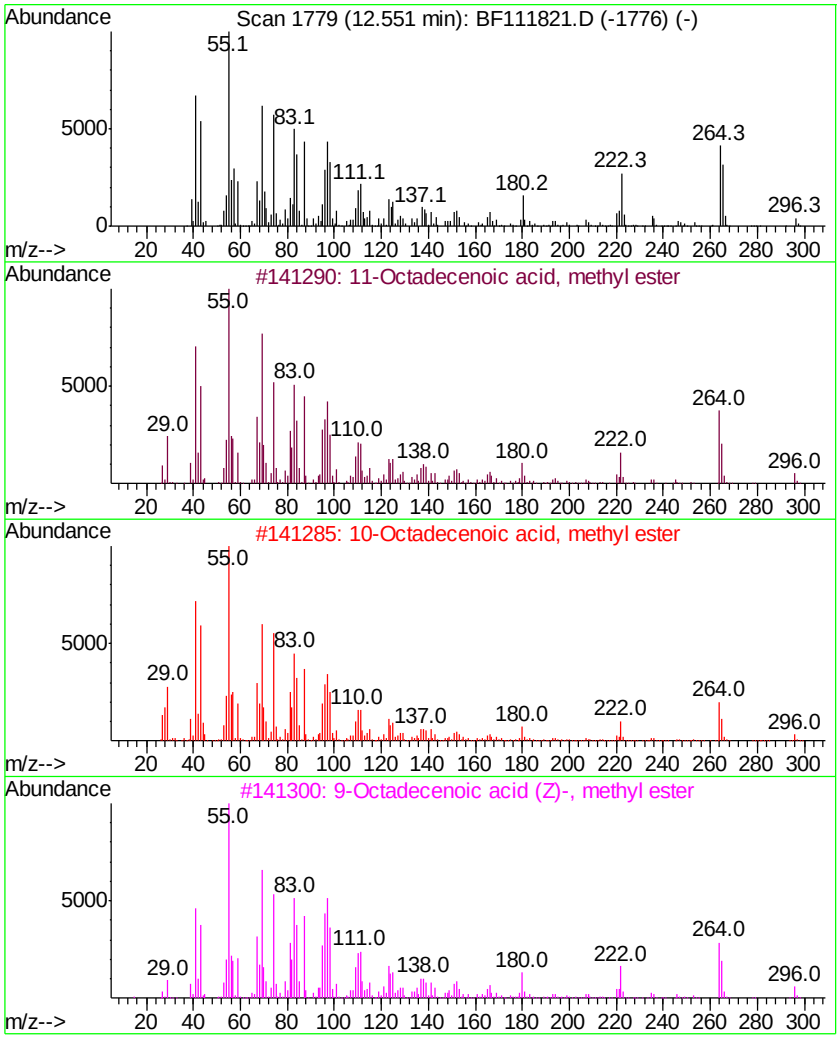
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

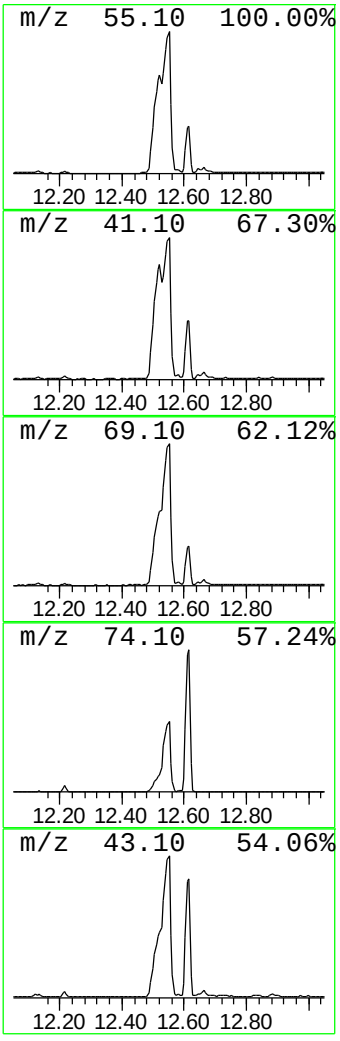
****

Peak Number 11 11-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	232.04 ng	20205800	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	95
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	95
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	91
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	90





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Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

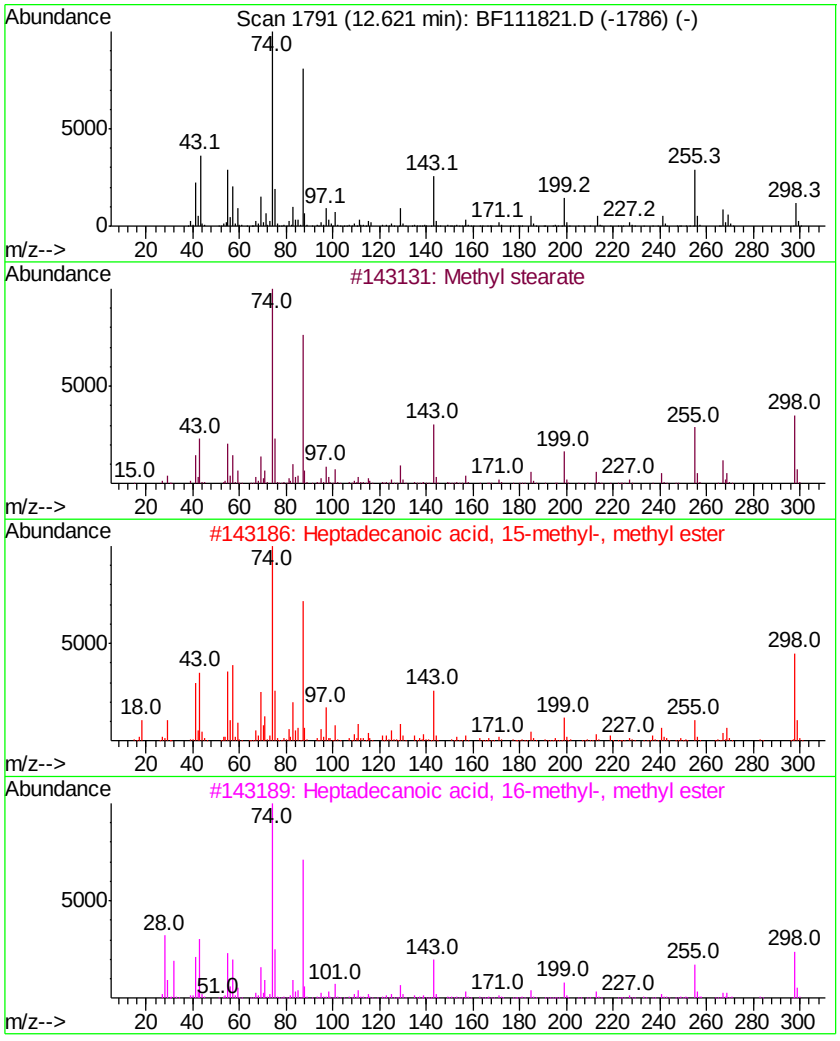
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

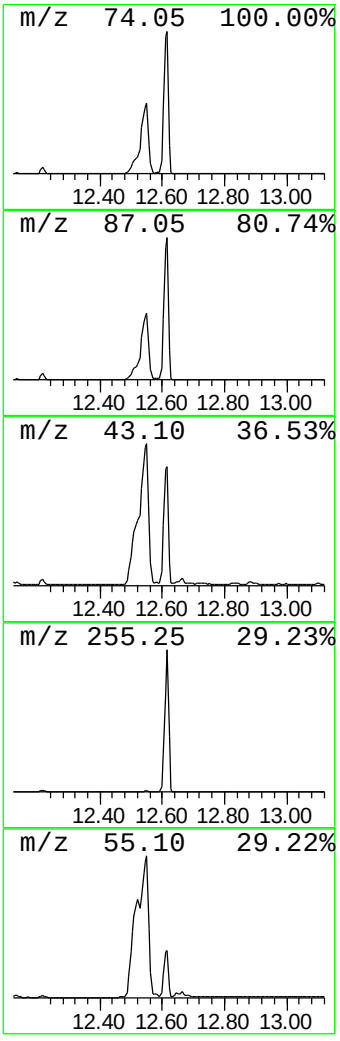
****

Peak Number 12 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	77.77 ng	6772010	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87





Library Search Compound Report

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Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

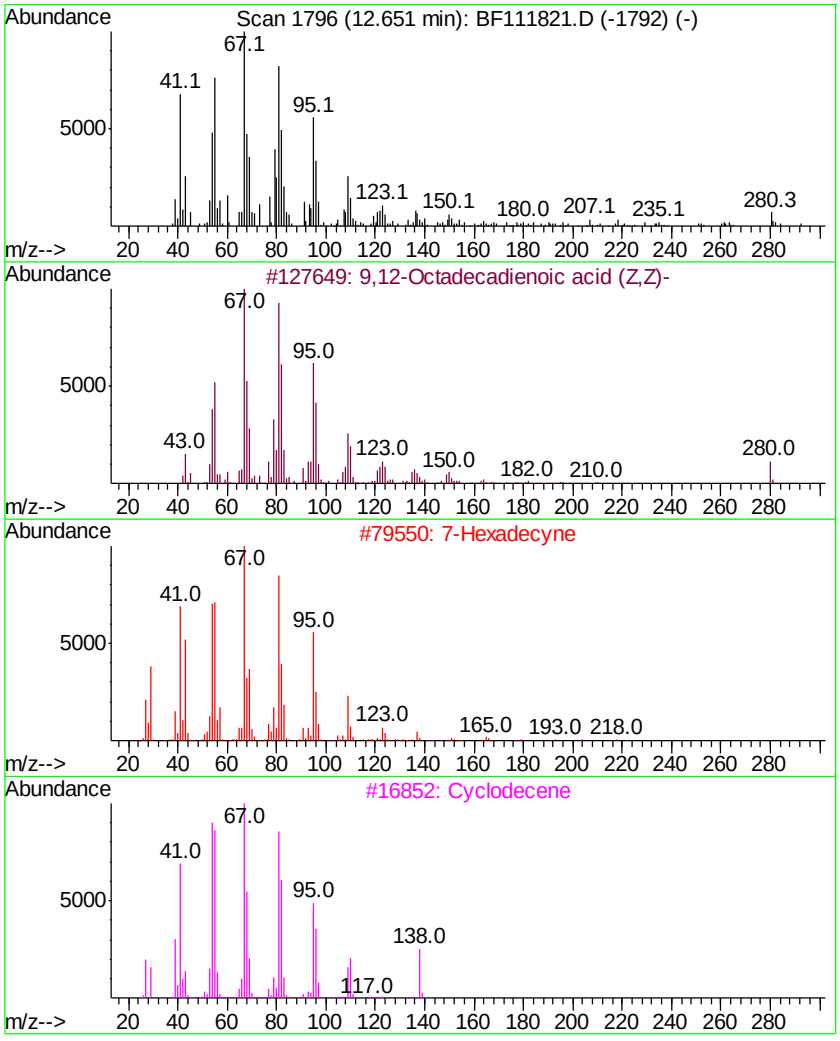
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

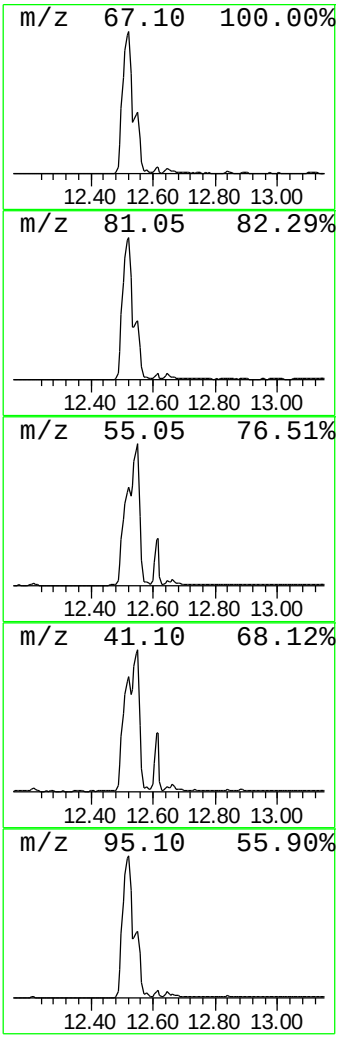
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,12-Octadecadienoic acid (... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	4.18 ng	364104	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	98
2	7-Hexadecyne	222	C16H30	074685-28-2	81
3	Cyclodecene	138	C10H18	003618-12-0	76
4	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	68
5	9-Eicosyne	278	C20H38	071899-38-2	64





Library Search Compound Report

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Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

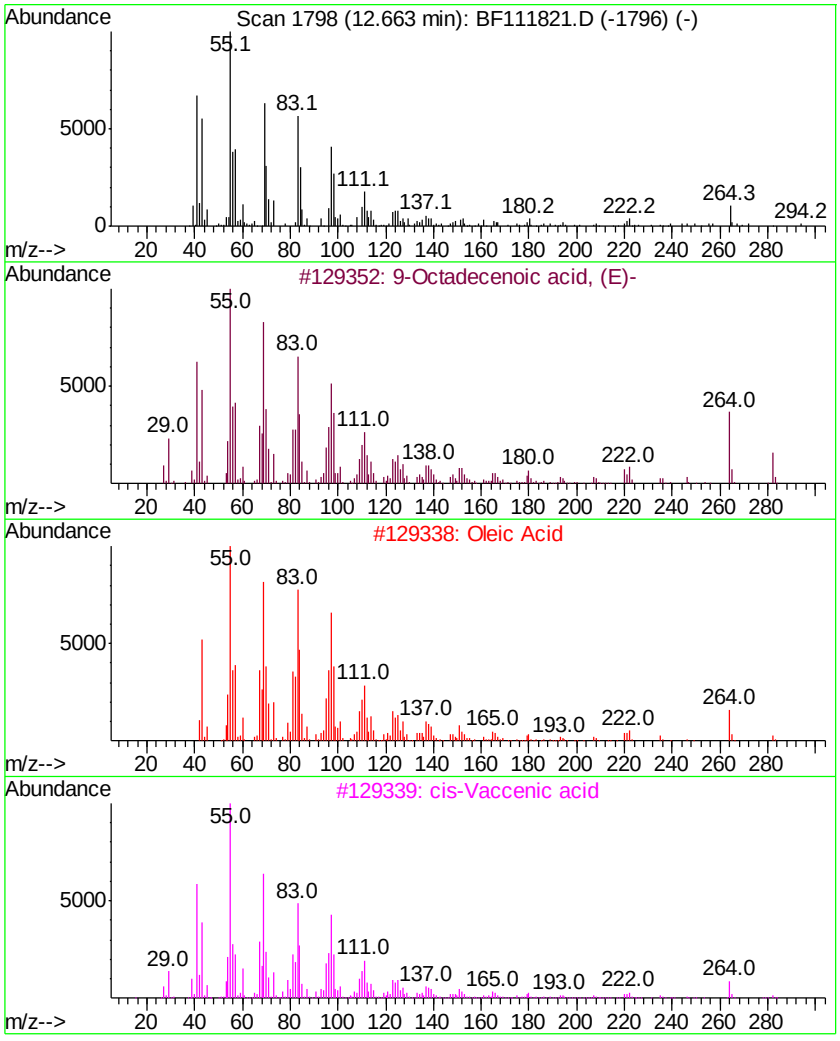
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

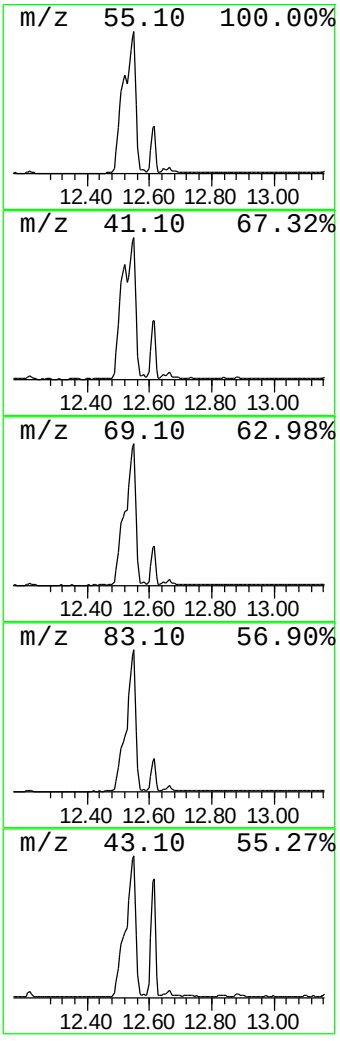
****

Peak Number 14 9-Octadecenoic acid, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	6.92 ng	602363	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	90
2	Oleic Acid	282	C18H34O2	000112-80-1	74
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	72
4	n-Tridecan-1-ol	200	C13H28O	000112-70-9	72
5	Cyclotetradecane	196	C14H28	000295-17-0	64





Library Search Compound Report

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Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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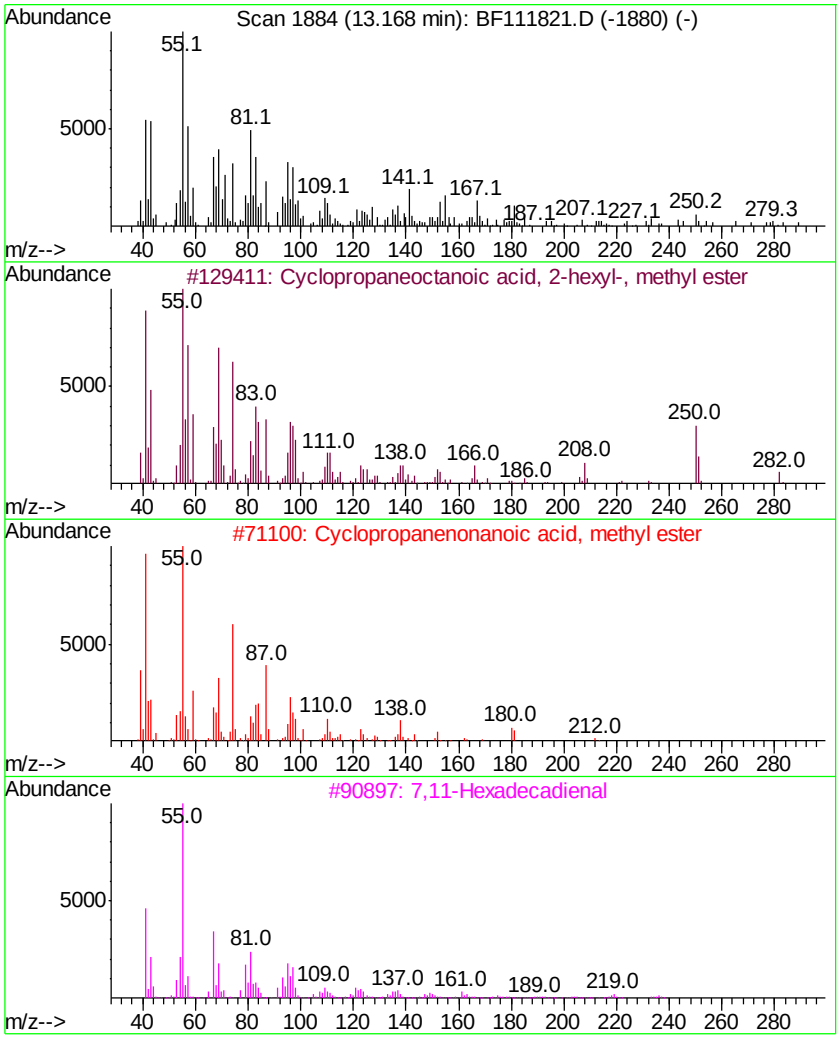
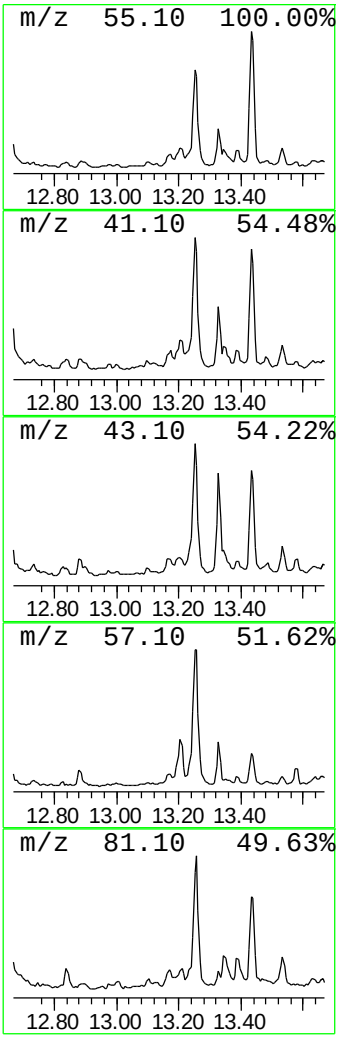
Peak Number 15 Cyclopropaneoctanoic acid, ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	4.86 ng	297979	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	72
2	Cyclopropanenonanoic acid, methy...	212	C13H24O2	010152-60-0	62
3	7,11-Hexadecadienal	236	C16H28O	1000130-85-7	48
4	7-Octenal, 3,7-dimethyl-	154	C10H18O	000141-26-4	43
5	Bicyclo[10.8.0]eicosane, (E)-	278	C20H38	1000155-85-0	42





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Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

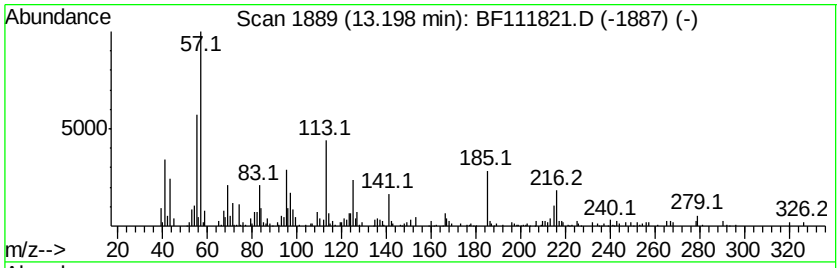
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

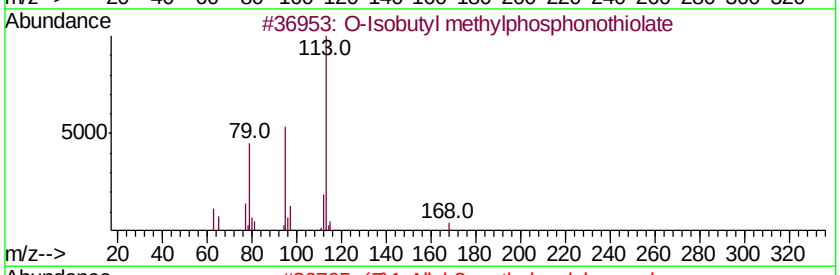
****

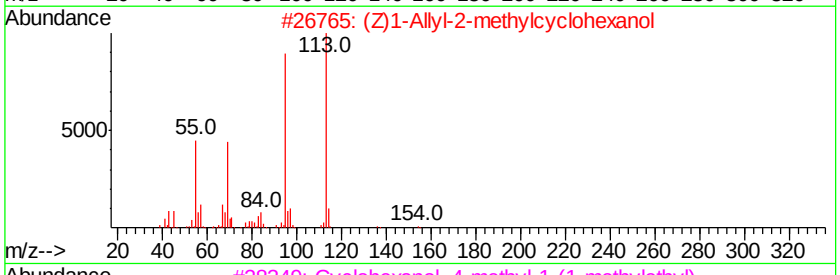
Peak Number 16 unknown13.20 Concentration Rank 12

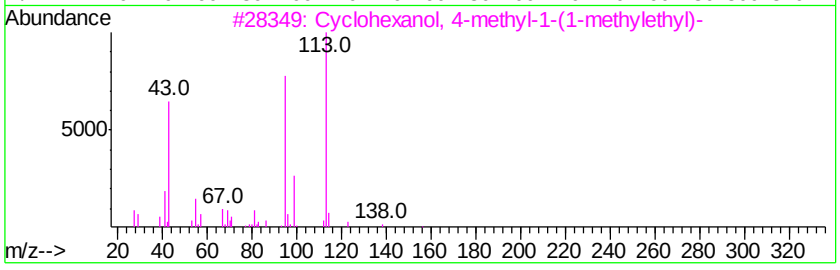
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	7.72 ng	473806	Chrysene-d12	14.06

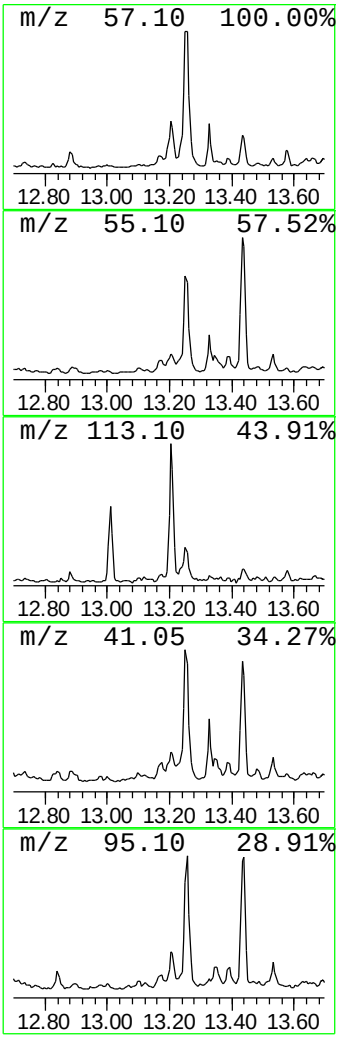
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	O-Isobutyl methylphosphonothiolate	168	C5H13O2PS	020626-99-7	47
2	(Z)1-Allyl-2-methylcyclohexanol	154	C10H18O	1000311-73-6	47
3	Cyclohexanol, 4-methyl-1-(1-meth...	156	C10H20O	000470-65-5	32
4	Pyrrolidine, 1-(1-oxopentadecyl)-	295	C19H37NO	056630-55-8	25
5	10-Methyl-dodecanoic acid, DMOX ...	267	C17H33NO	1000336-99-8	25











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Data File : BF111821.D
Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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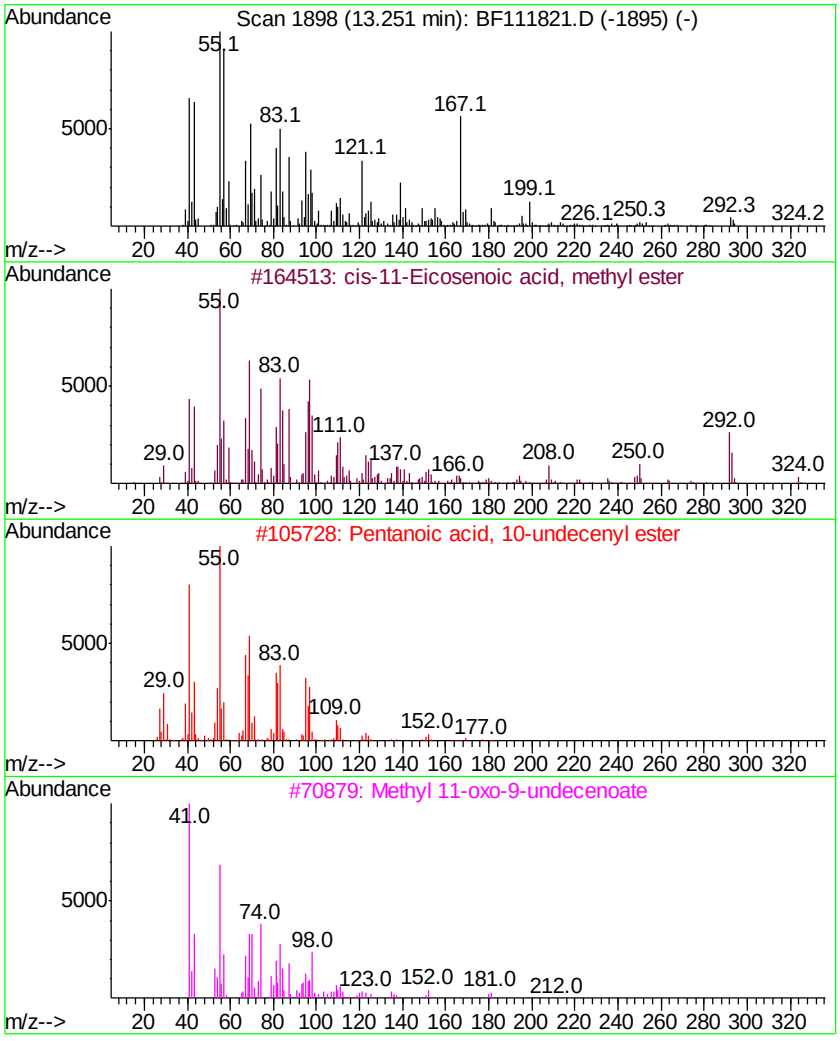
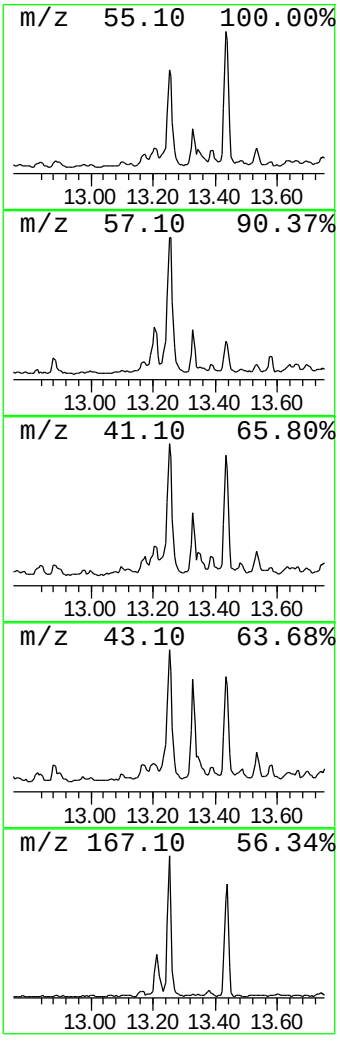
Peak Number 17 cis-11-Eicosenoic acid, met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	31.96 ng	1960970	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	91
2	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	38
3	Methyl 11-oxo-9-undecenoate	212	C12H20O3	053613-55-1	38
4	Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	30
5	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	25





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Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

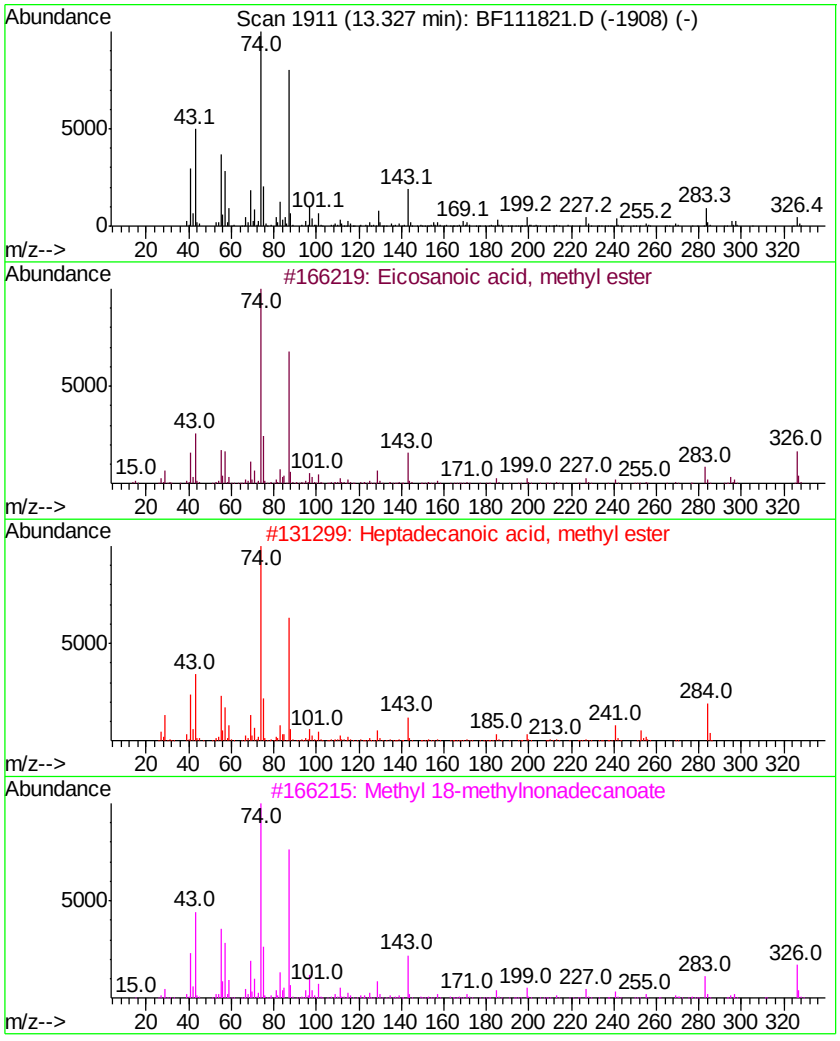
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

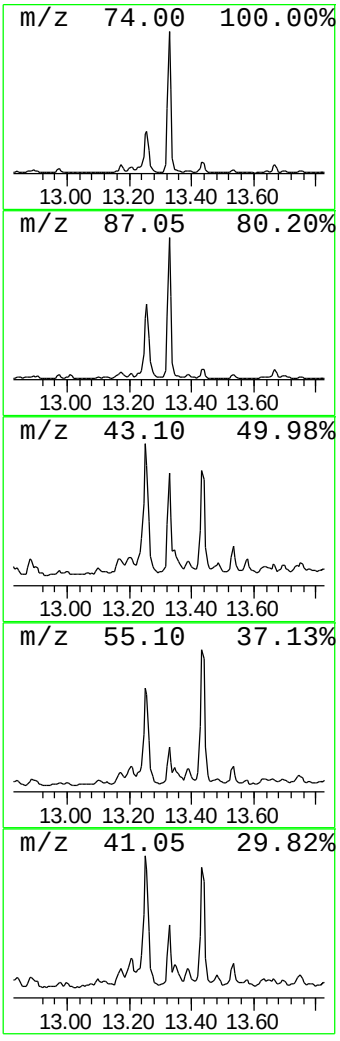
****

Peak Number 18 Eicosanoic acid, methyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	10.13 ng	621253	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	99
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
3	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	92
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
5	Methyl stearate	298	C19H38O2	000112-61-8	90





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Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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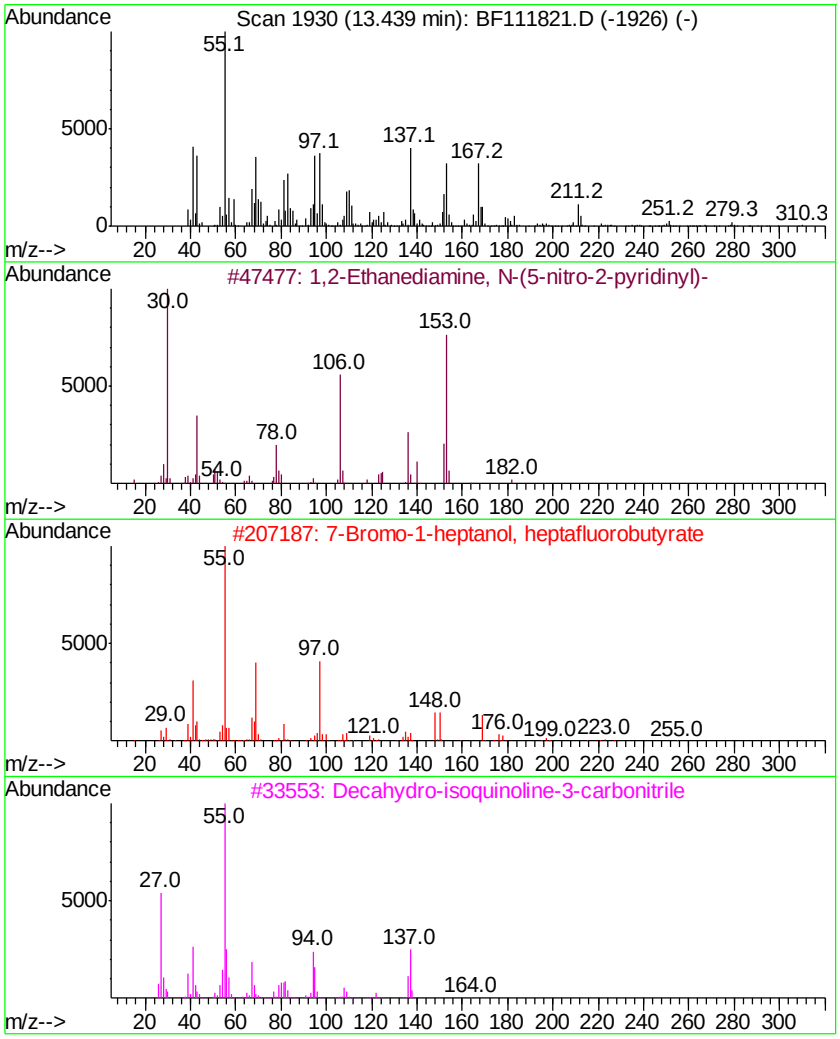
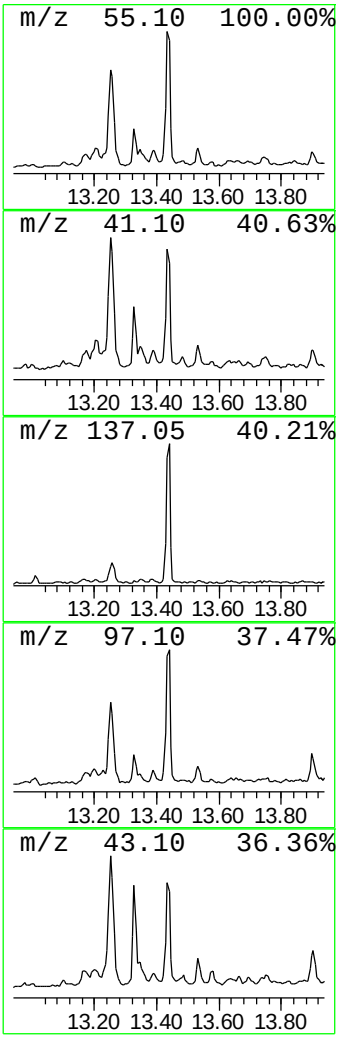
Peak Number 19 unknown13.44 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	23.39 ng	1434960	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Ethanediamine, N-(5-nitro-2-...	182	C7H10N4O2	029602-39-9	11
2	7-Bromo-1-heptanol, heptafluorob...	390	C11H14BrF7O2	1000365-43-3	10
3	Decahydro-isoquinoline-3-carboni...	164	C10H16N2	1000188-70-4	10
4	4-Undecene, 4-methyl-	168	C12H24	061142-40-3	9
5	Cis-1,3-di(n-hexyl)cyclohexane	252	C18H36	086701-17-9	9





Library Search Compound Report

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Acq On : 3 Jan 2019 15:22
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Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

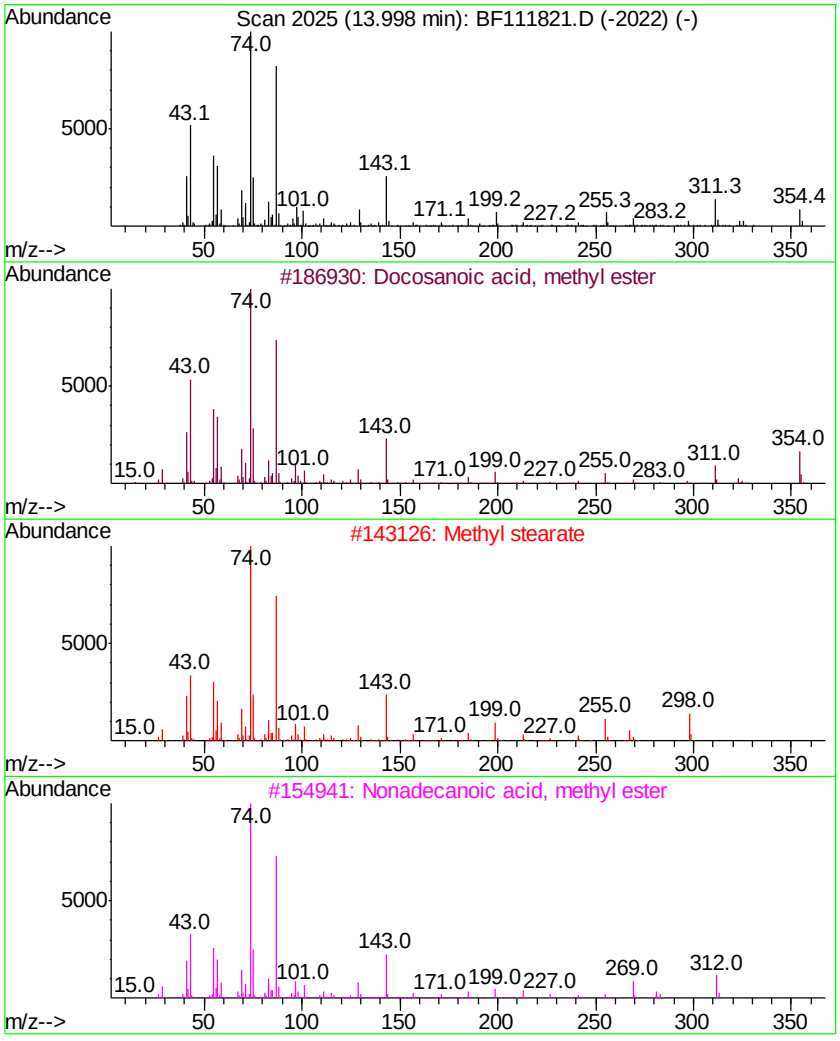
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

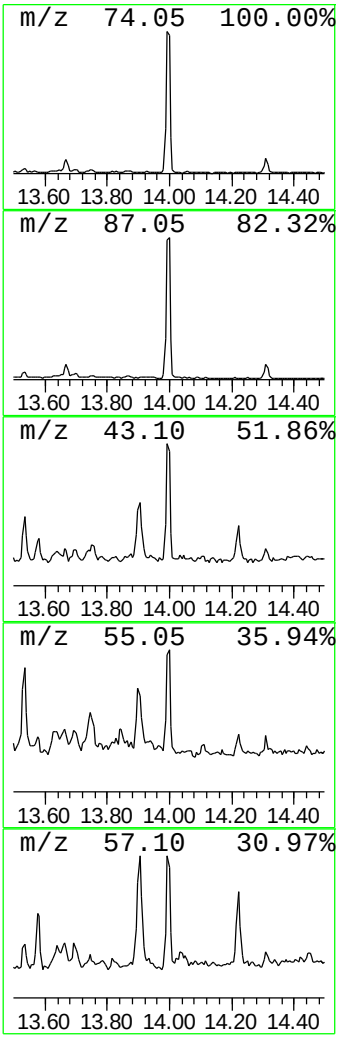
****

Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	7.65 ng	469453	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Methyl stearate	298	C19H38O2	000112-61-8	98
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
4	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	92
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90





Tentatively Identified Compound (LSC) summary

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Data File : BF111821.D
Acq On : 3 Jan 2019 15:22
Operator : JU/SJ
Sample : K1002-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-010219-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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...	5.12	3.7	ng	320122	1	6.90	1735990	20.0
unknown6.67	6.67	59.1	ng	5132750	1	6.90	1735990	20.0
Nonanoic acid, 9-...	9.51	4.8	ng	444641	3	9.94	1836300	20.0
Methyl tetradecan...	10.94	10.1	ng	879189	4	11.42	1741560	20.0
9-Hexadecenoic ac...	11.73	6.9	ng	597150	4	11.42	1741560	20.0
Hexadecanoic acid...	11.82	153.9	ng	13404600	4	11.42	1741560	20.0
n-Hexadecanoic acid	11.96	10.0	ng	872619	4	11.42	1741560	20.0
7-Hexadecenoic ac...	12.13	3.7	ng	323612	4	11.42	1741560	20.0
9,12-Octadecadien...	12.52	326.8	ng	28457500	4	11.42	1741560	20.0
11-Octadecenoic a...	12.55	232.0	ng	20205800	4	11.42	1741560	20.0
Methyl stearate	12.62	77.8	ng	6772010	4	11.42	1741560	20.0
9,12-Octadecadien...	12.65	4.2	ng	364104	4	11.42	1741560	20.0
9-Octadecenoic ac...	12.66	6.9	ng	602363	4	11.42	1741560	20.0
Cyclopropaneoctan...	13.17	4.9	ng	297979	5	14.06	1227070	20.0
unknown13.20	13.20	7.7	ng	473806	5	14.06	1227070	20.0
cis-11-Eicosenoic...	13.25	32.0	ng	1960970	5	14.06	1227070	20.0
Eicosanoic acid, ...	13.33	10.1	ng	621253	5	14.06	1227070	20.0
unknown13.44	13.44	23.4	ng	1434960	5	14.06	1227070	20.0
Docosanoic acid, ...	14.00	7.7	ng	469453	5	14.06	1227070	20.0