LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

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-BF061918.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	5.584	549	552	566	rBV	595496	605747	7.72%	1.901%
2	6.590	720	723	739	rBV	641879	634051	8.08%	1.990%
3	6.725	743	746	751	rVB	749147	635137	8.10%	1.993%
4	6.948	780	784	787	rBV	425029	356685	4.55%	1.119%
5	7.101	806	810	814	rBV	607908	505262	6.44%	1.586%
6	7.513	876	880	886	rBV	437138	411449	5.24%	1.291%
7	8.231	998	1002	1007	rBV	538562	445043	5.67%	1.397%
8	9.301	1180	1184	1188	rBV	907424	714299	9.10%	2.242%
9	9.560	1225	1228	1234	rBV	279074	241032	3.07%	0.756%
10	9.695	1246	1251	1255	rVB	117349	114895	1.46%	0.361%
11	9.989	1298	1301	1312	rVB2	555313	506595	6.46%	1.590%
12	10.783	1433	1436	1443	rBV	383860	355139	4.53%	1.115%
13	10.977	1466	1469	1472	rVB	293849	218306	2.78%	0.685%
14	11.483	1552	1555	1558	rBV	462361	410911	5.24%	1.290%
15	11.754	1598	1601	1602	rVV2	111091	100519	1.28%	0.315%
16	11.777	1602	1605	1609	rVB	514840	464865	5.93%	1.459%
17	11.877	1614	1622	1624	rBV3	2527201	5008905	63.84%	15.720%
18	12.172	1670	1672	1679	rVB	164212	171125	2.18%	0.537%
19	12.254	1683	1686	1689	rBV	213576	186702	2.38%	0.586%
20	12.583	1731	1742	1743	rBV2	2428755	7845796	100.00%	24.623%
21	12.671	1754	1757	1760	rVB	2373595	2889819	36.83%	9.069%
22	12.713	1760	1764	1765	rBV	90951	79583	1.01%	0.250%
23	12.736	1765	1768	1772	rVB4	94058	133387	1.70%	0.419%
24	12.889	1791	1794	1798	rBV	285344	262039	3.34%	0.822%
25	12.948	1798	1804	1811	rVV3	268899	344054	4.39%	1.080%
26	13.007	1811	1814	1818	rVV2	203428	178686	2.28%	0.561%
27	13.077	1820	1826	1831	rVV	759075	986941	12.58%	3.097%
28	13.136	1831	1836	1841	rVV5	232962	542194	6.91%	1.702%
29	13.177	1841	1843	1846	rVV	162562	180563	2.30%	0.567%
30	13.242	1848	1854	1855	rVV3	399370	643839	8.21%	2.021%
31	13.301	1858	1864	1870	rVB	898446	1224475	15.61%	3.843%
32	13.371	1873	1876	1879	rBV	772795	744137	9.48%	2.335%
33	13.489	1893	1896	1901	rBV2	295361	354115	4.51%	1.111%
34	13.542	1903	1905	1908	rVV	196971	201183	2.56%	0.631%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.571	1908	1910	1915	rVB2	127649	108191	1.38%	0.340%
36	13.748	1937	1940	1943	rVV3	85597	105466	1.34%	0.331%
37	13.813	1946	1951	1955	rVB2	779712	1093905	13.94%	3.433%
38	13.883	1960	1963	1965	rBV4	65695	89410	1.14%	0.281%
39	14.042	1987	1990	1993	rBV	666127	568232	7.24%	1.783%
40	14.148	2003	2008	2010	rBV	454623	481335	6.13%	1.511%
41	14.613	2084	2087	2089	rBV2	88408	93213	1.19%	0.293%
42	14.671	2094	2097	2103	rVV	270374	269572	3.44%	0.846%
43	15.248	2193	2195	2198	rVB	106443	104206	1.33%	0.327%
44	15.683	2266	2269	2274	rVB	216520	252491	3.22%	0.792%

Sum of corrected areas: 31863499

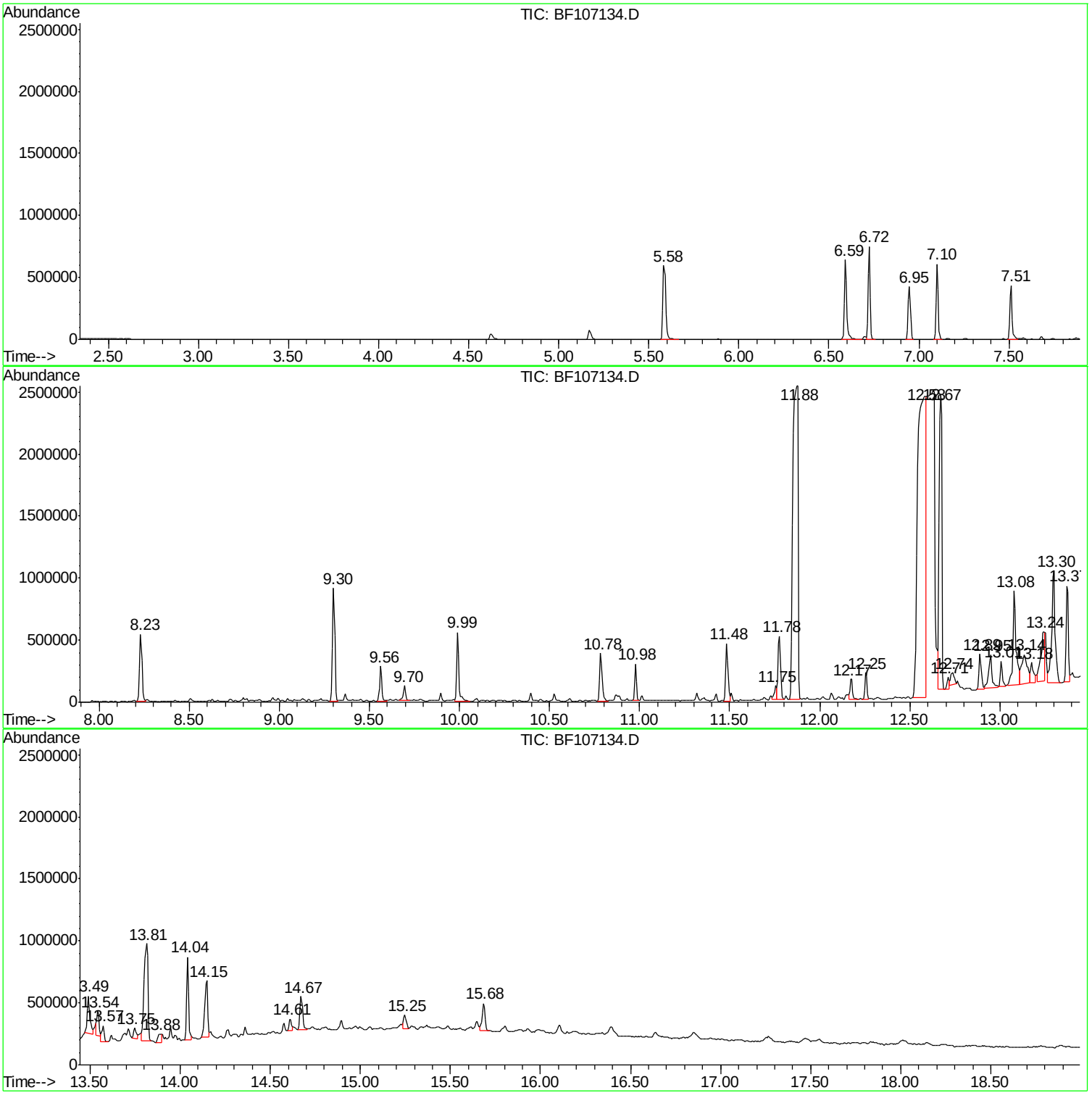
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

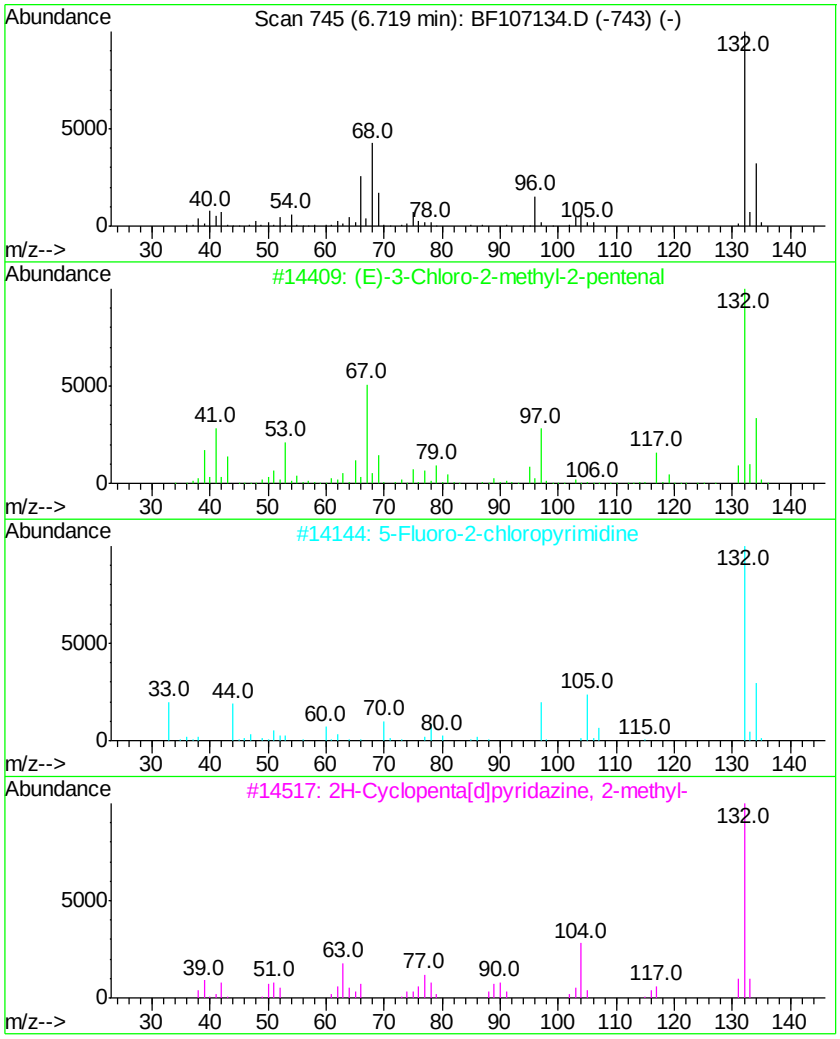
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

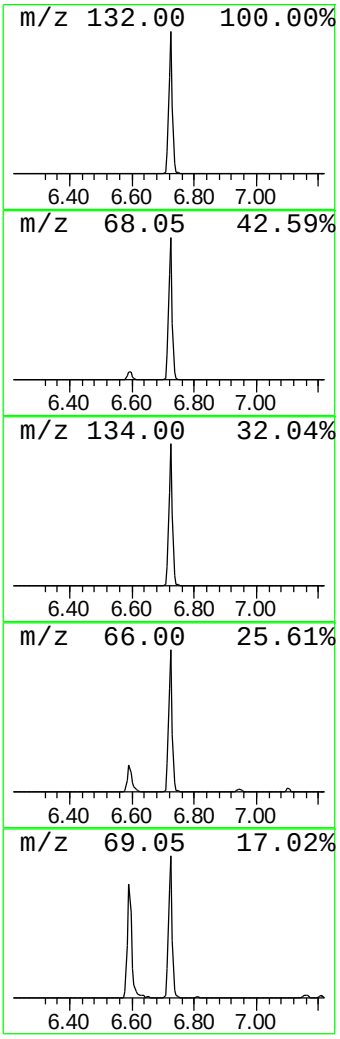
****

Peak Number 1 unknown6.72 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	35.61 ng	635137	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

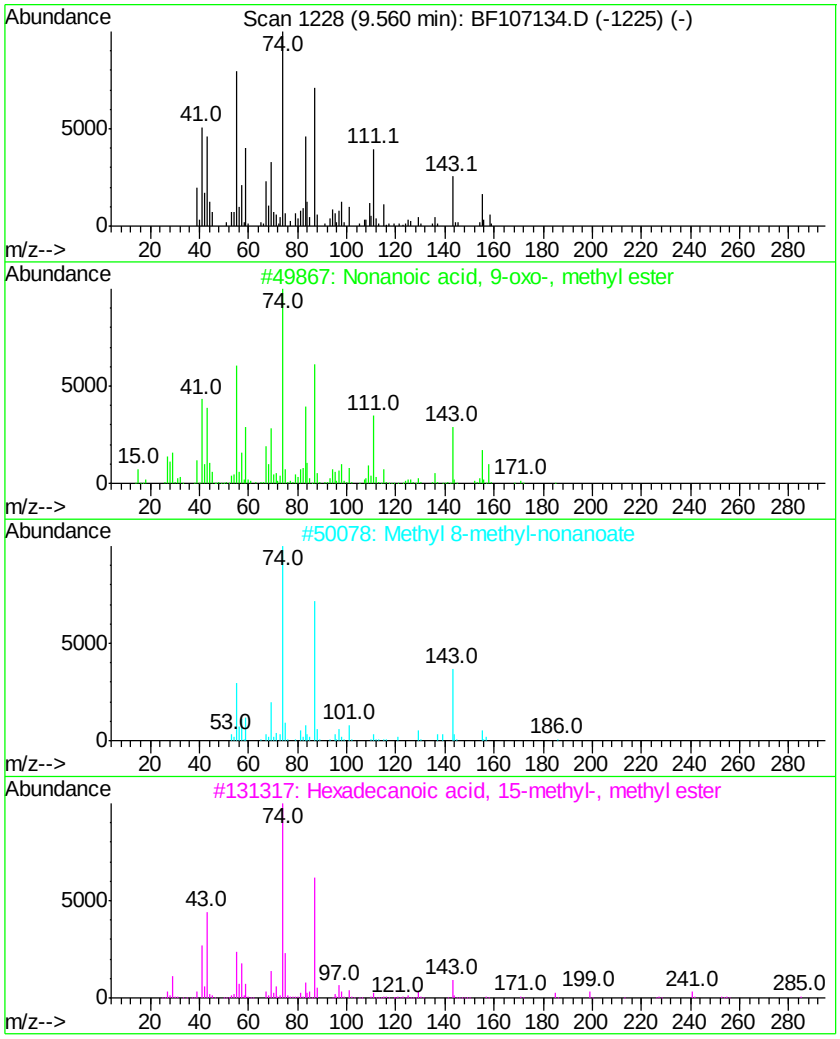
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

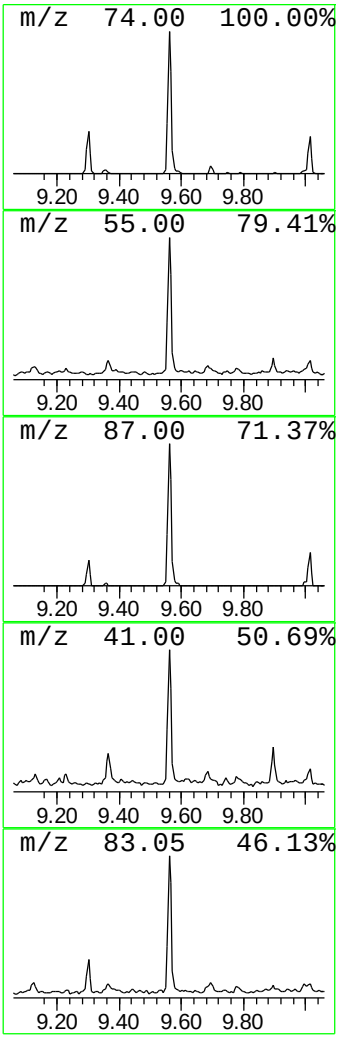
****

Peak Number 3 Nonanoic acid, 9-oxo-, meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	9.52 ng	241032	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid, 9-oxo-, methyl ester	186	C10H18O3	001931-63-1	87
2	Methyl 8-methyl-nonanoate	186	C11H22O2	1000336-43-6	43
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	38
4	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	38
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

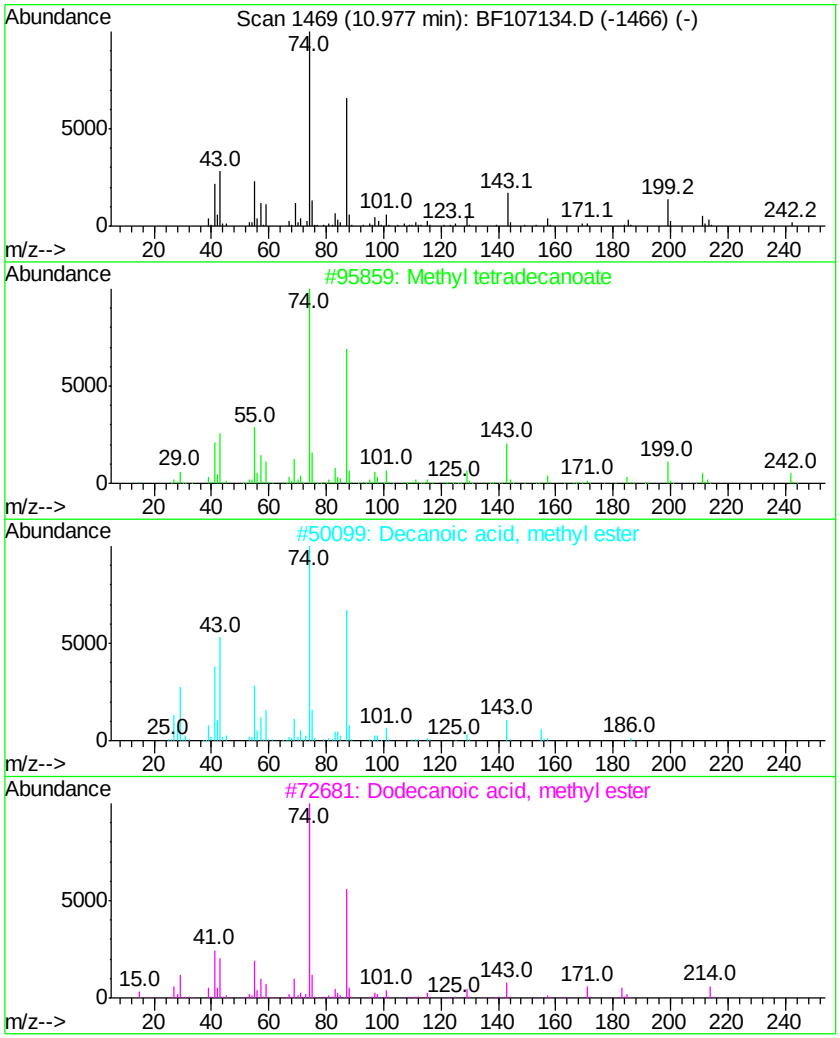
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

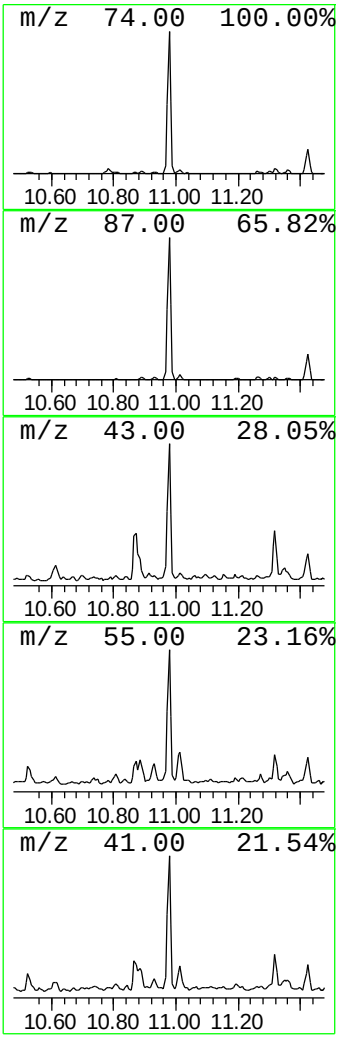
****

Peak Number 4 Methyl tetradecanoate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	10.63 ng	218306	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

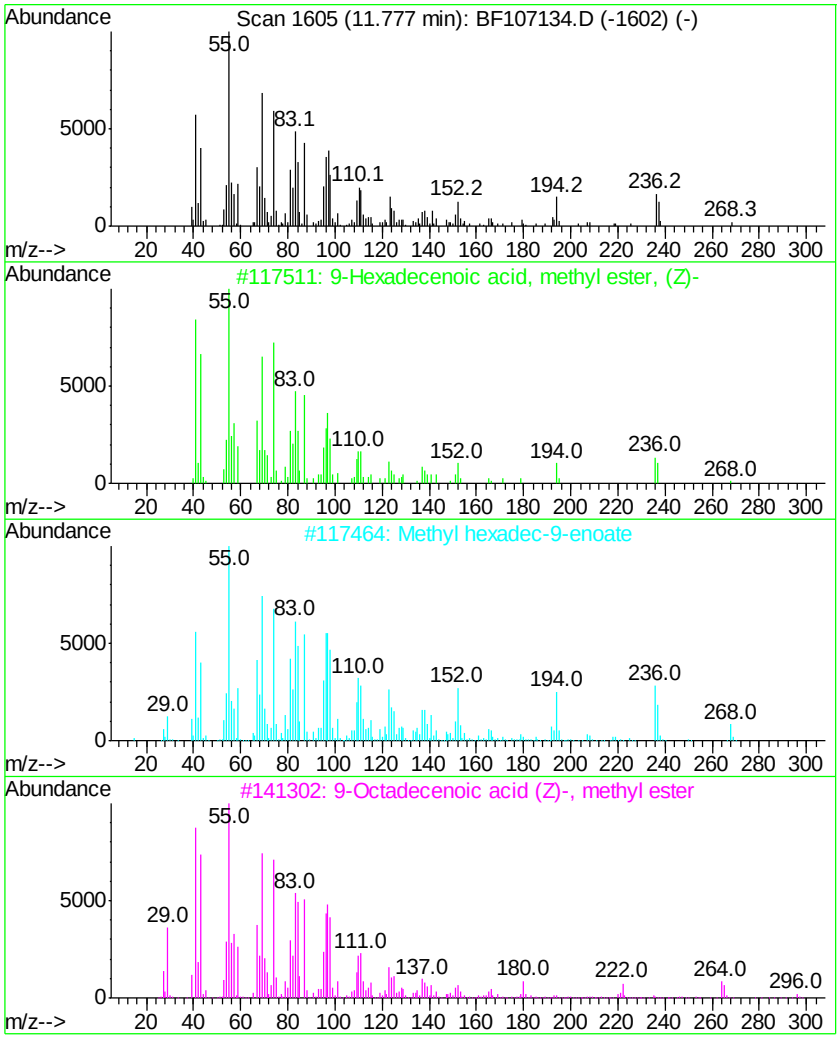
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

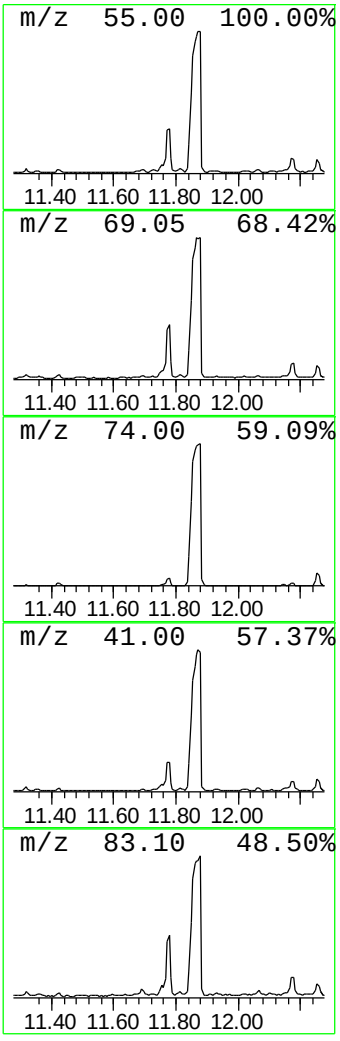
****

Peak Number 5 9-Hexadecenoic acid, methyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	22.63 ng	464865	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	91
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	87
4	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	87
5	14-Methylpentadec-9-enoic acid m...	268	C17H32O2	1000365-89-7	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

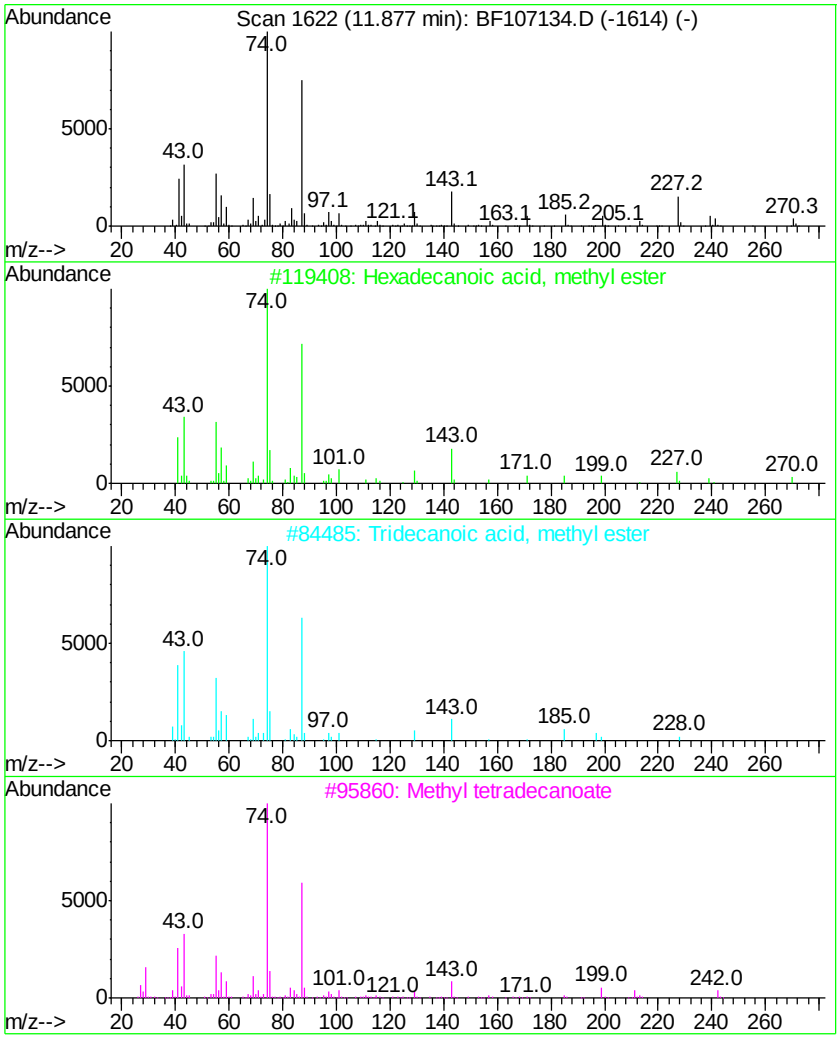
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

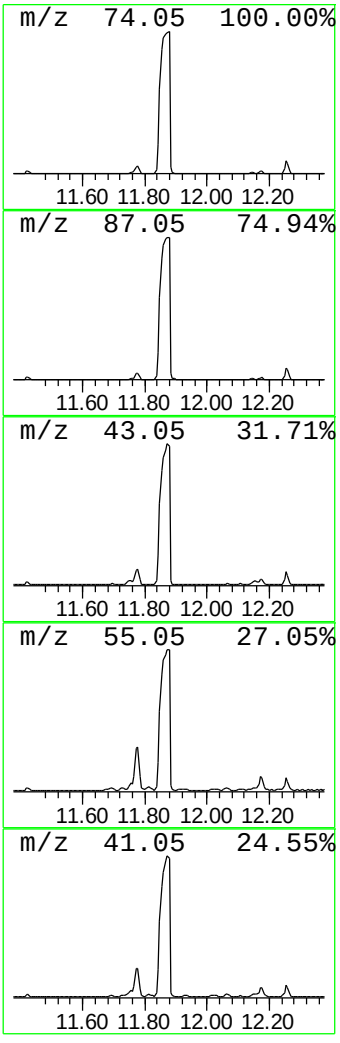
****

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	243.80 ng	5008910	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

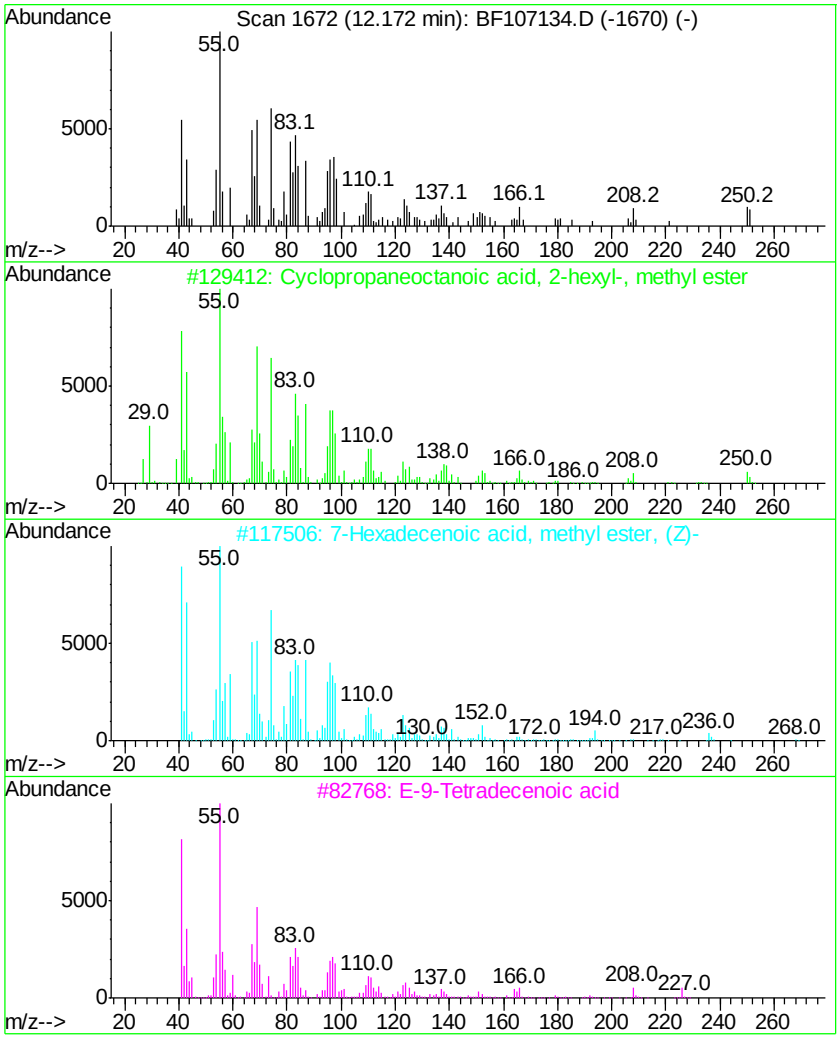
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

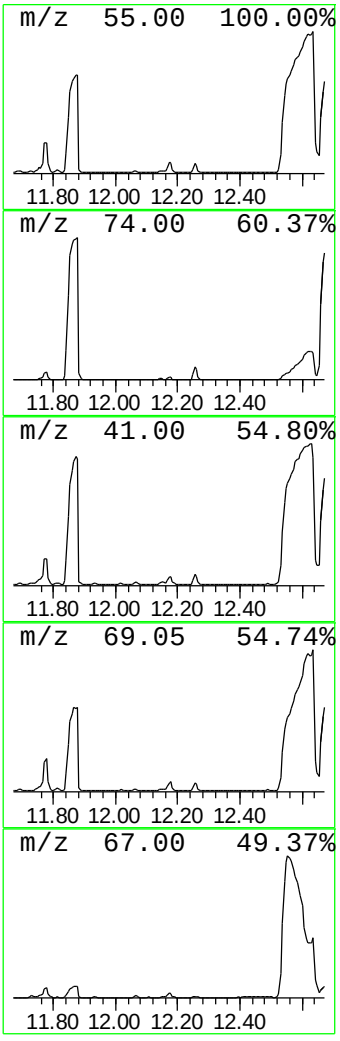
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopropaneoctanoic acid, ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	8.33 ng	171125	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	91
2	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	64
3	E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	49
4	Methyl myristoleate	240	C15H28O2	056219-06-8	49
5	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

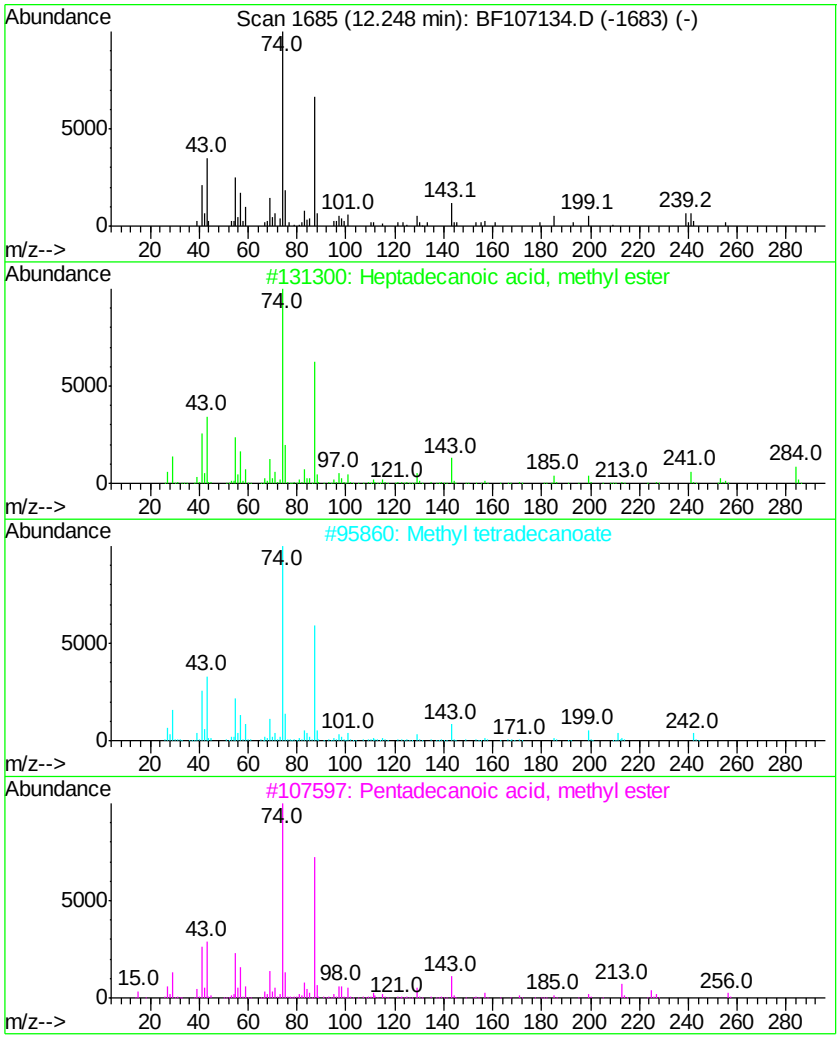
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

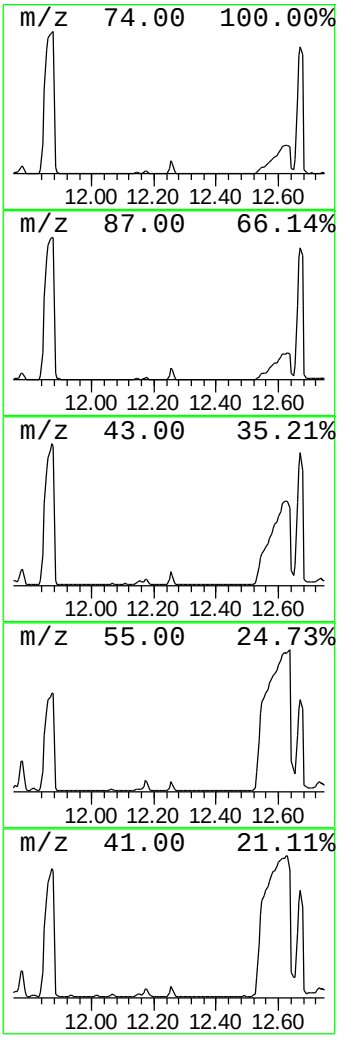
****

Peak Number 8 Heptadecanoic acid, methyl ... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	9.09 ng	186702	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	83
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	80
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

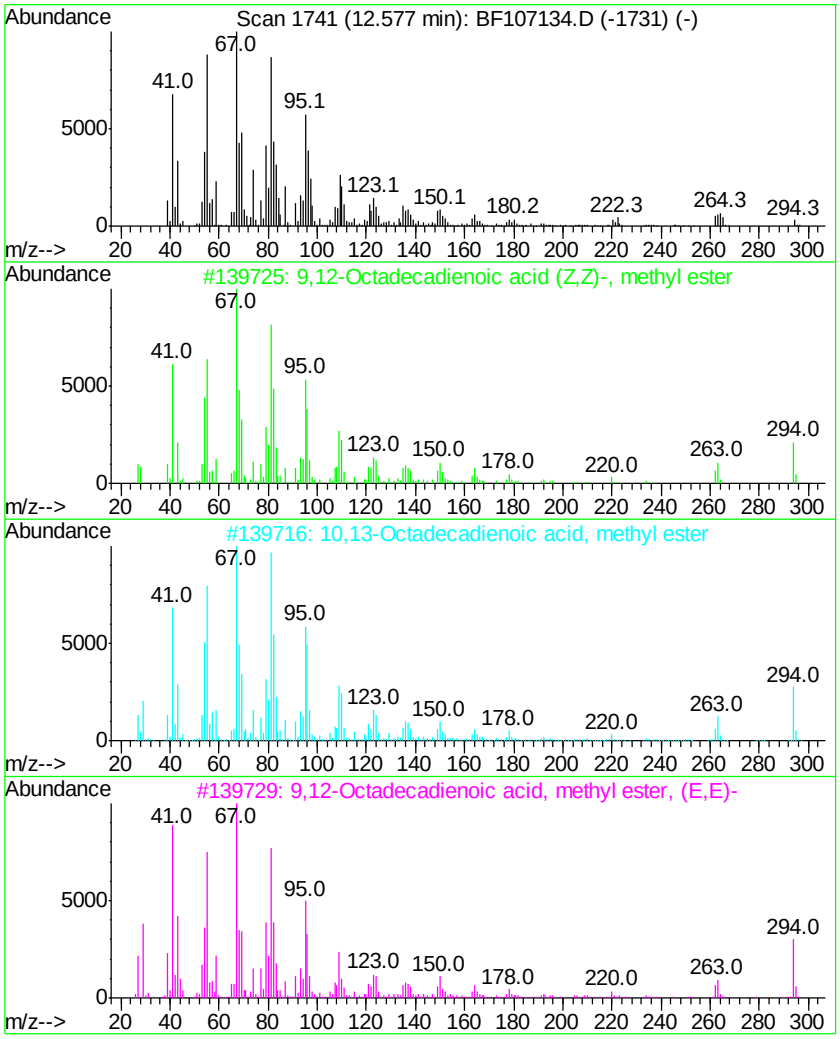
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

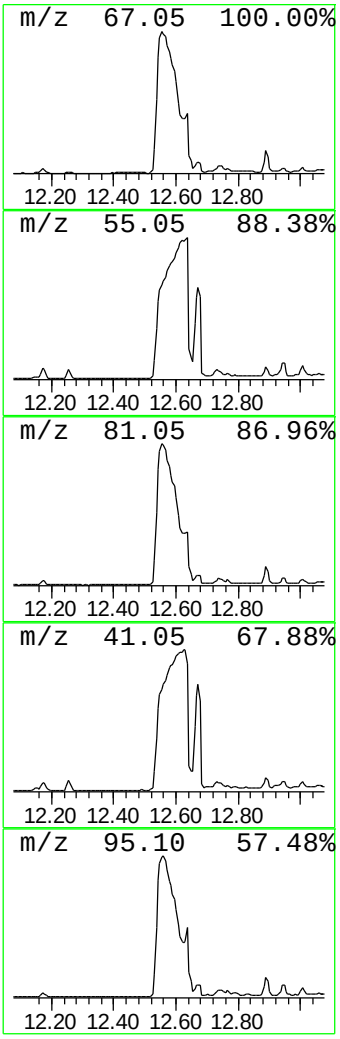
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	381.87 ng	7845800	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	95
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

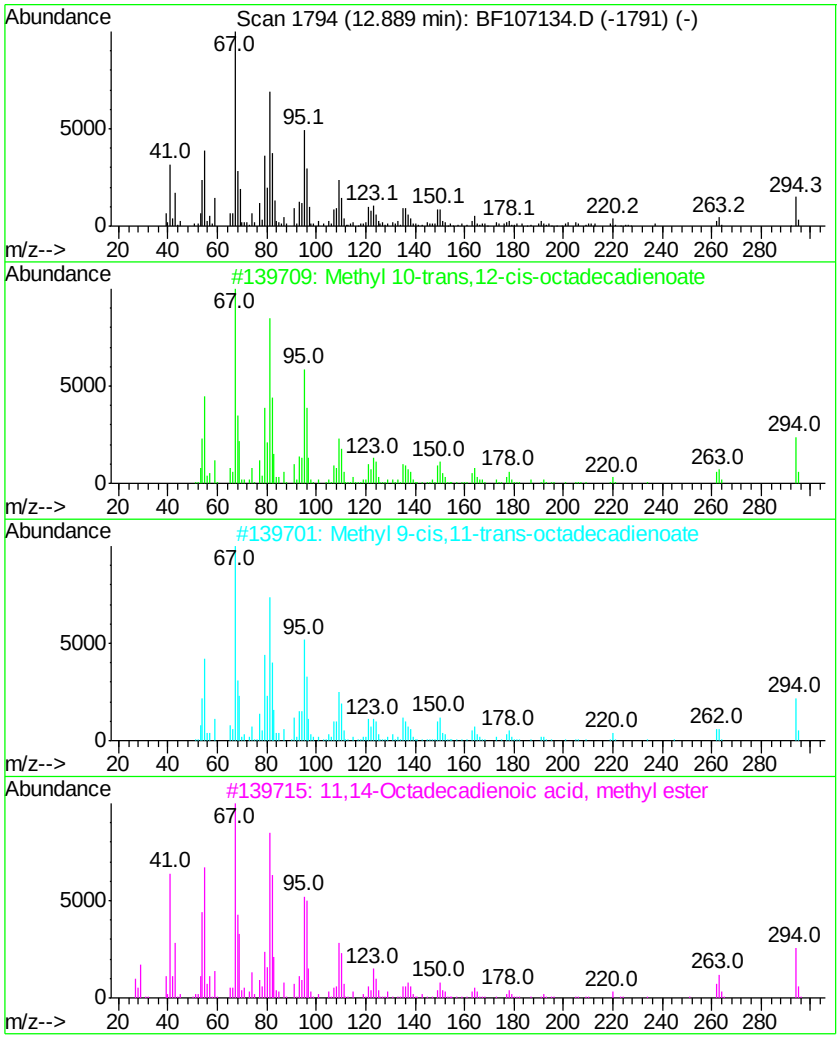
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

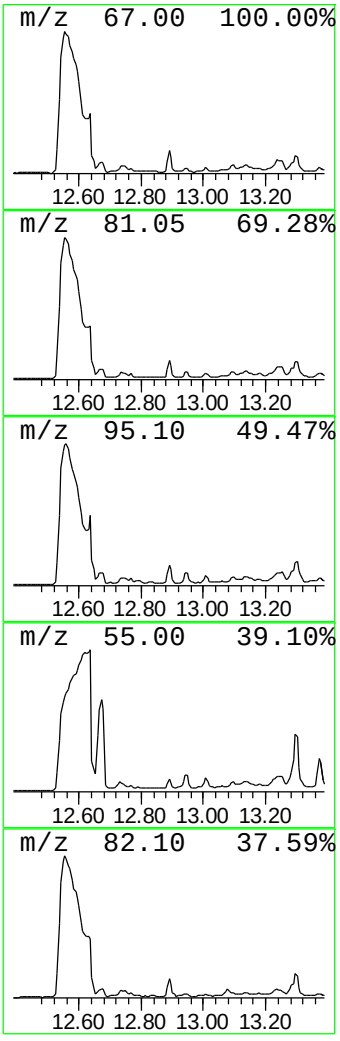
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	10.89 ng	262039	Chrysene-d12	14.15

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	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	95
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	93
5	7,10-Octadecadienoic acid, methy...	294	C19H34O2	056554-24-6	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

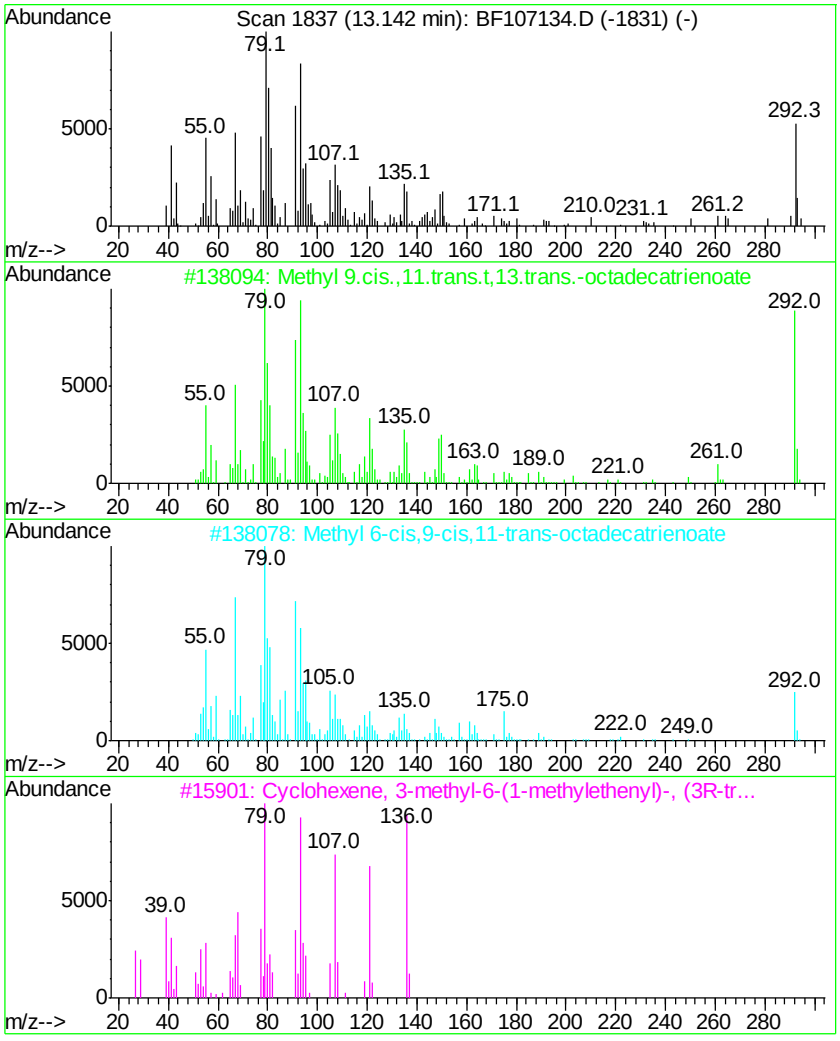
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

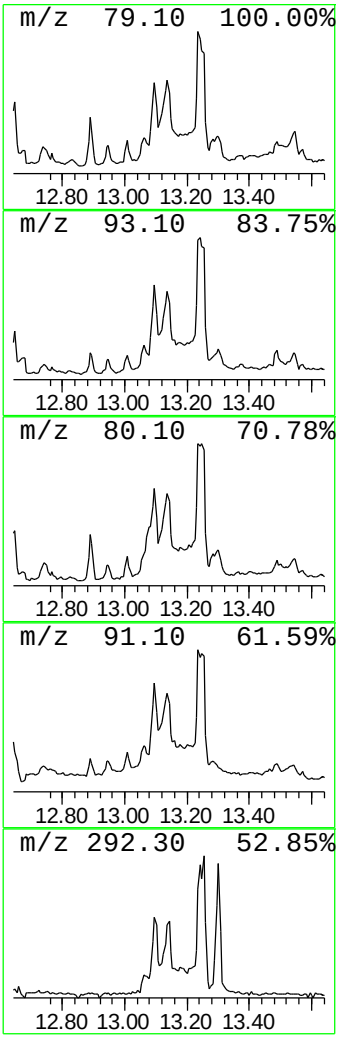
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	22.53 ng	542194	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	99
2	Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	74
3	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	005113-87-1	72
4	7-Propylidene-bicyclo[4.1.0]heptane	136	C10H16	082253-09-6	58
5	3-Heptadecen-5-yne, (Z)-	234	C17H30	074744-55-1	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

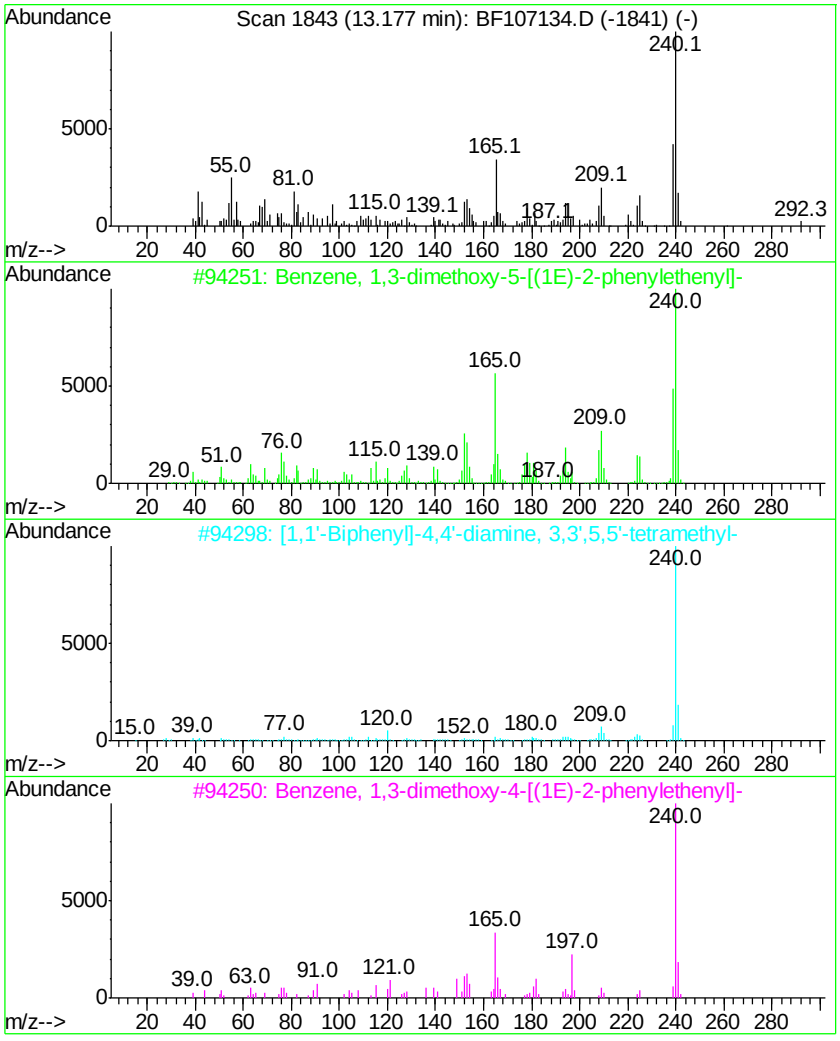
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

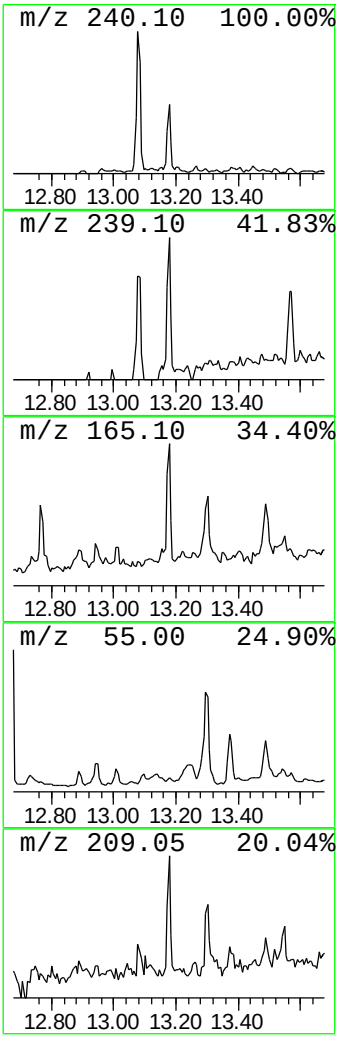
****

Peak Number 12 Benzene, 1,3-dimethoxy-5-[(... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	7.50 ng	180563	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethoxy-5-[(1E)-2...	240	C16H16O2	021956-56-9	94
2	[1,1'-Biphenyl]-4,4'-diamine, 3,...	240	C16H20N2	054827-17-7	58
3	Benzene, 1,3-dimethoxy-4-[(1E)-2...	240	C16H16O2	1000368-46-0	49
4	2,6,2',6'-Tetramethyl-biphenyl-4...	240	C16H20N2	004746-77-4	49
5	4-[2-(4-Hydroxy-phenyl)-vinyl]-b...	240	C15H12O3	152027-61-7	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

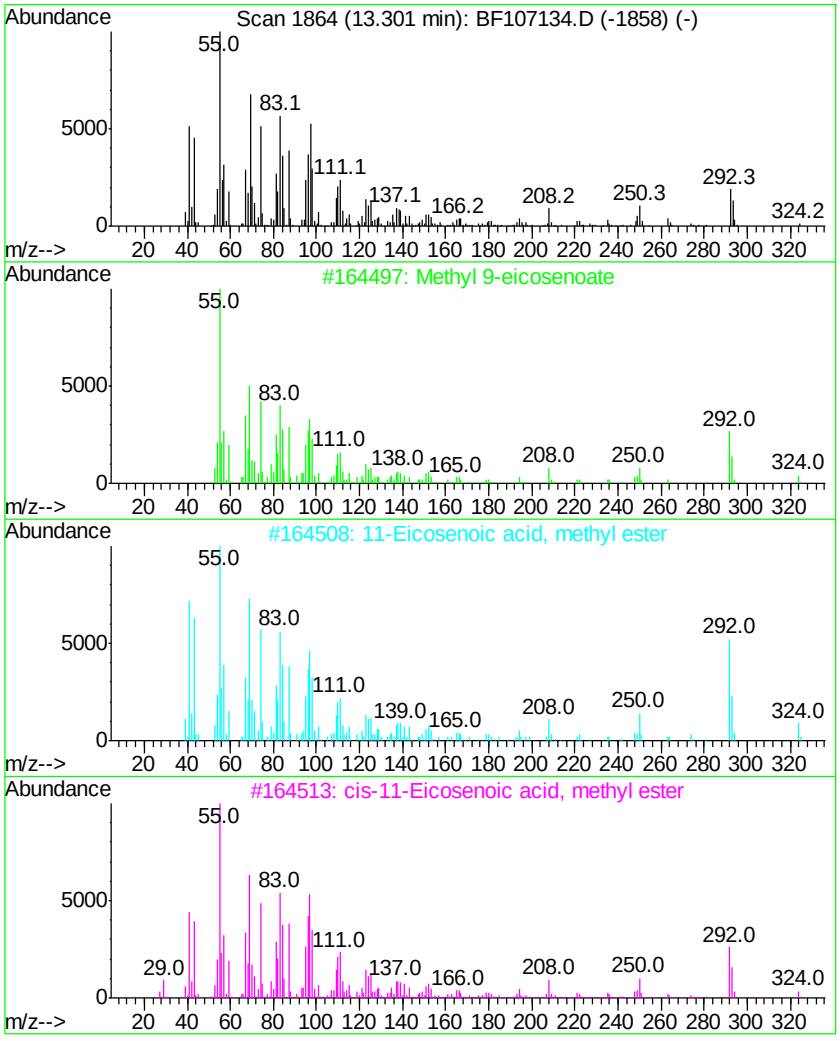
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

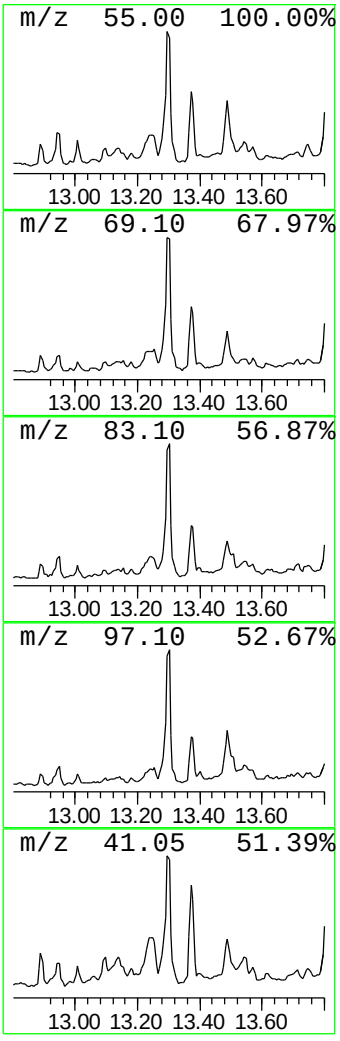
****

Peak Number 14 Methyl 9-eicosenoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	50.88 ng	1224480	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	99
2	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
3	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	94
4	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	87
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

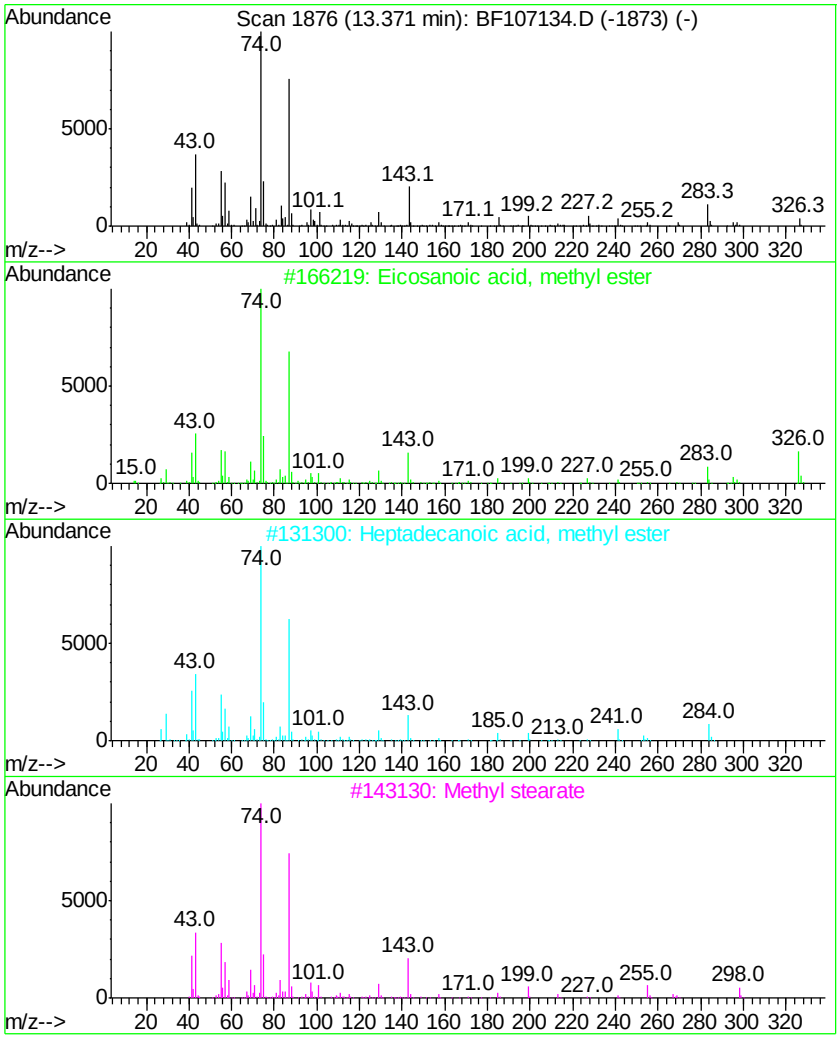
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

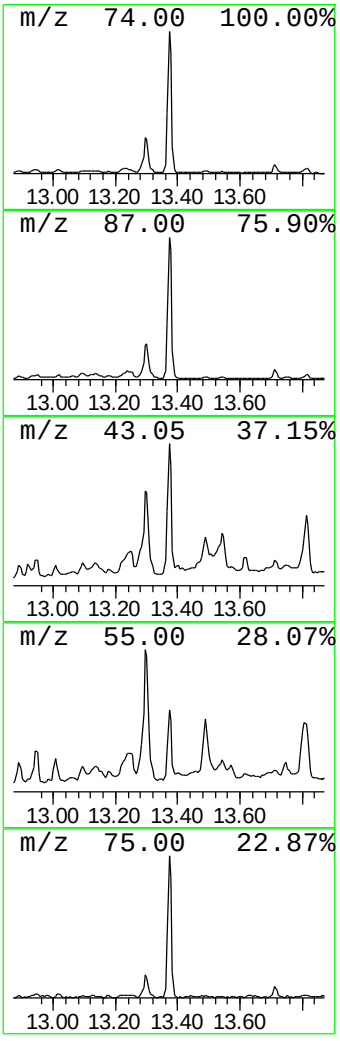
****

Peak Number 15 Eicosanoic acid, methyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	30.92 ng	744137	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	94
3	Methyl stearate	298	C19H38O2	000112-61-8	94
4	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	91
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

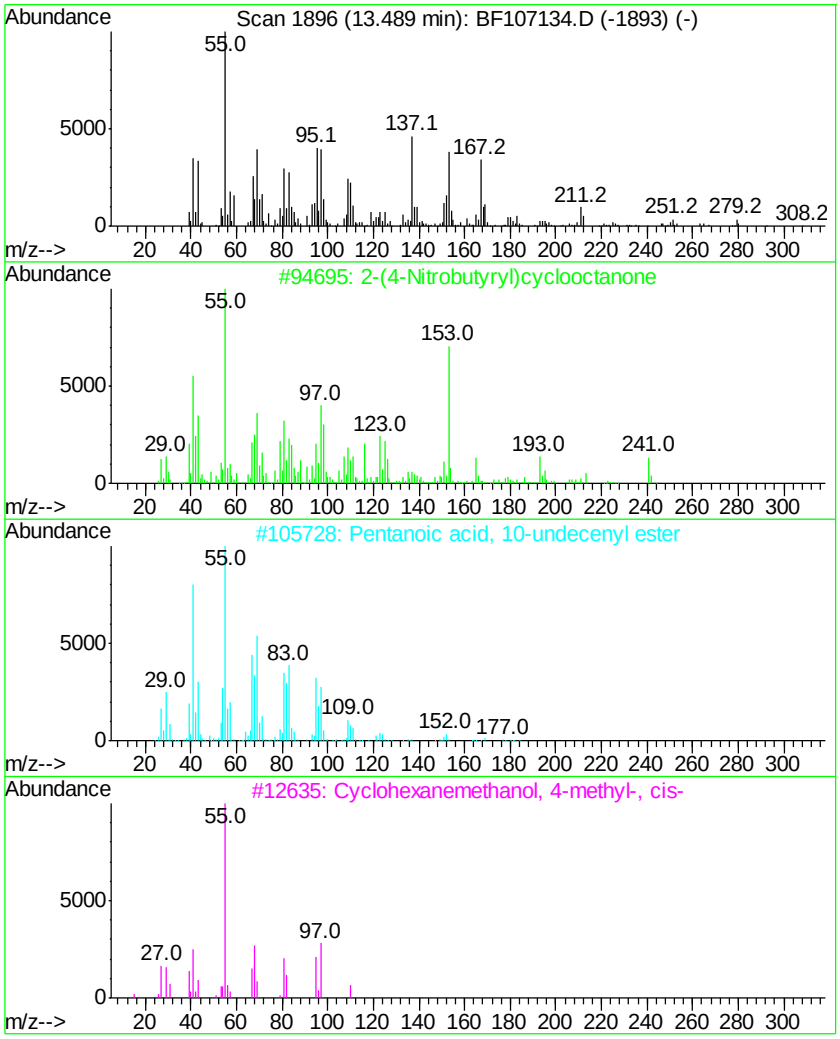
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

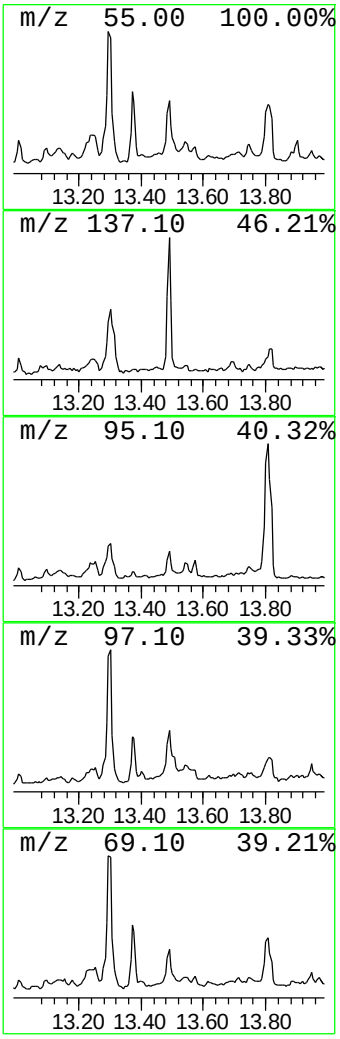
****

Peak Number 16 unknown13.49 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	14.71 ng	354115	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Nitrobutyryl)cyclooctanone	241	C12H19NO4	079630-93-6	25
2	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	16
3	Cyclohexanemethanol, 4-methyl-, ...	128	C8H16O	003937-48-2	12
4	Cyclododecanemethanol	198	C13H26O	001892-12-2	12
5	2,4-Pentadien-1-ol, 3-propyl-, (...	126	C8H14O	1000142-17-9	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

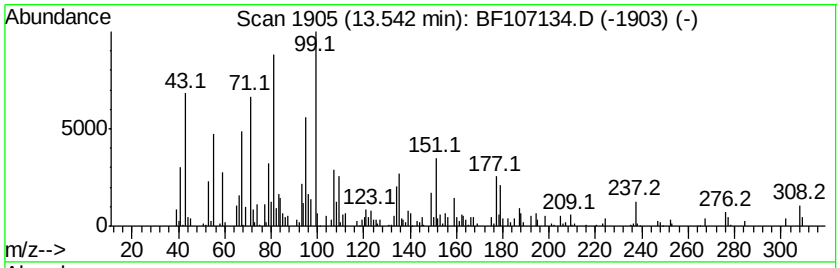
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

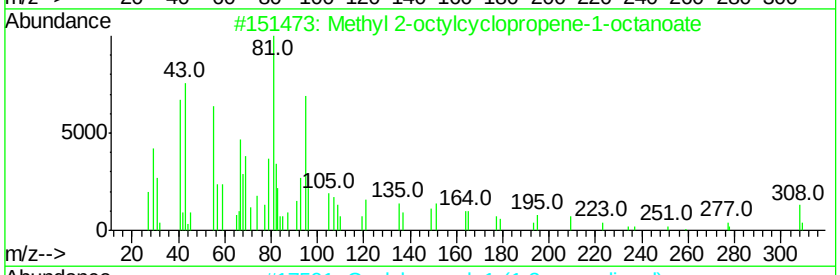
****

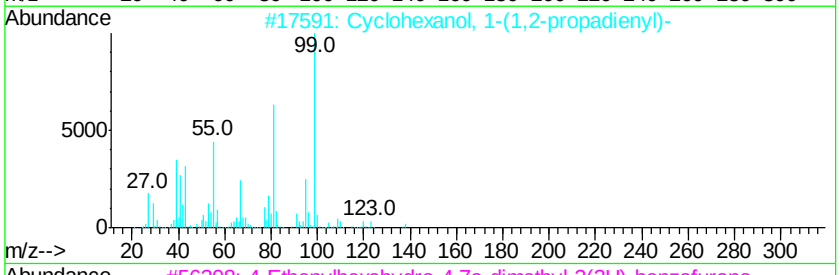
Peak Number 17 unknown13.54 Concentration Rank 18

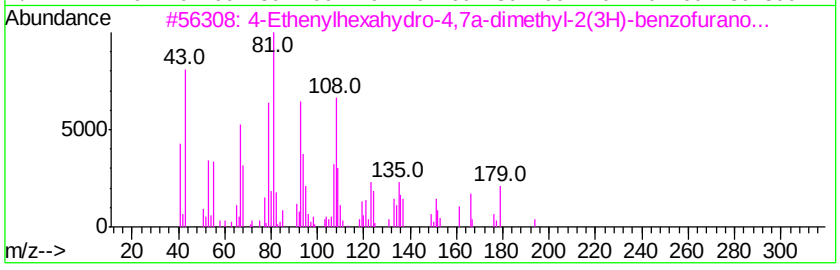
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	8.36 ng	201183	Chrysene-d12	14.15

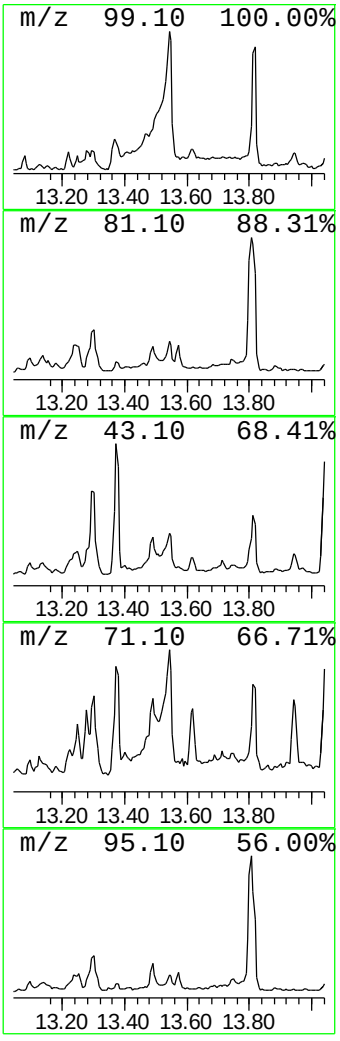
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	46
2	Cyclohexanol, 1-(1,2-propadienyl)-	138	C9H14O	034761-56-3	43
3	4-Ethenylhexahydro-4,7a-dimethyl...	194	C12H18O2	086003-24-9	38
4	Furan, tetrahydro-2,2-dimethyl-5...	156	C10H20O	033978-70-0	38
5	Cyclopentanecarboxylic acid, 2-p...	210	C13H22O2	1000154-24-8	35











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

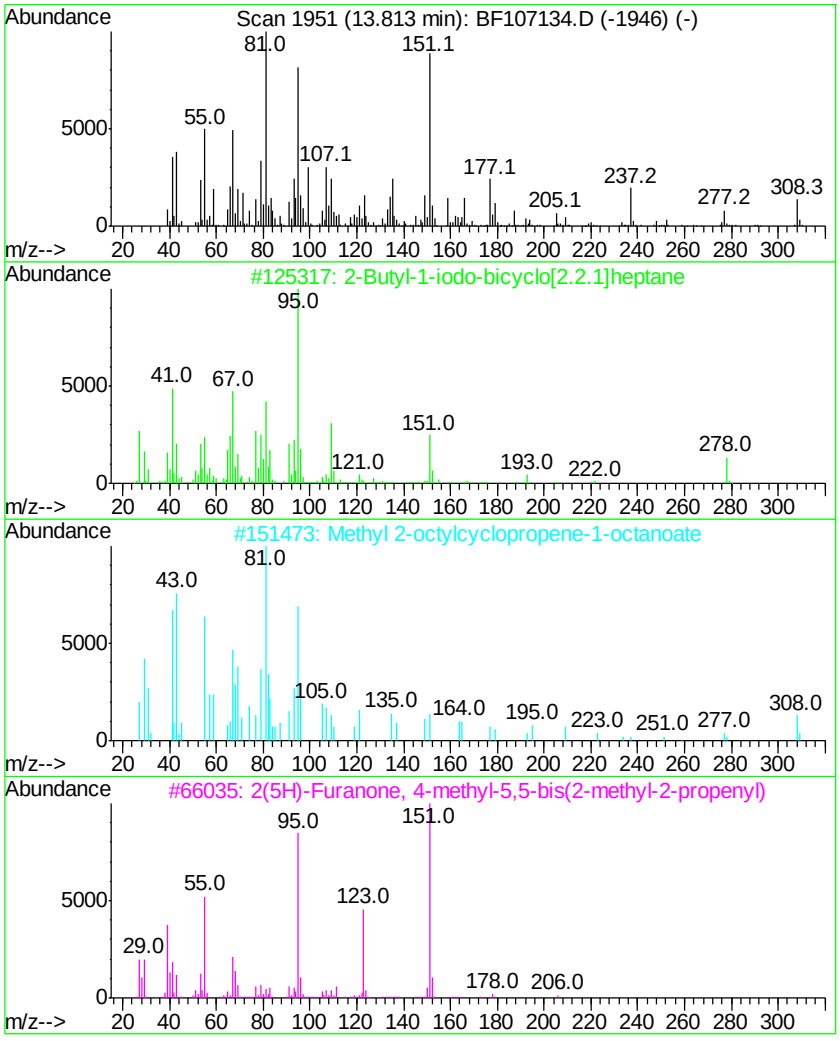
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

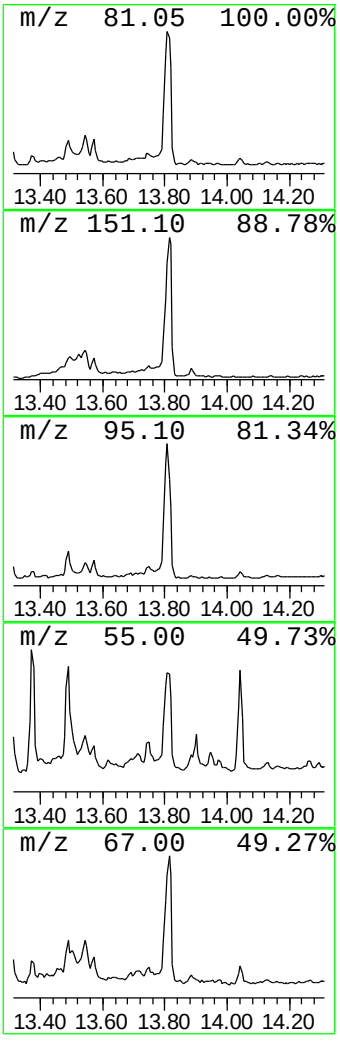
****

Peak Number 18 unknown13.81 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	45.45 ng	1093910	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyl-1-iodo-bicyclo[2.2.1]hep...	278	C11H19I	1000190-59-7	35
2	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	30
3	2(5H)-Furanone, 4-methyl-5,5-bis...	206	C13H18O2	099202-98-9	25
4	Daucol	238	C15H26O2	000887-08-1	15
5	2,3-Bornanediol	170	C10H18O2	025696-56-4	15





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

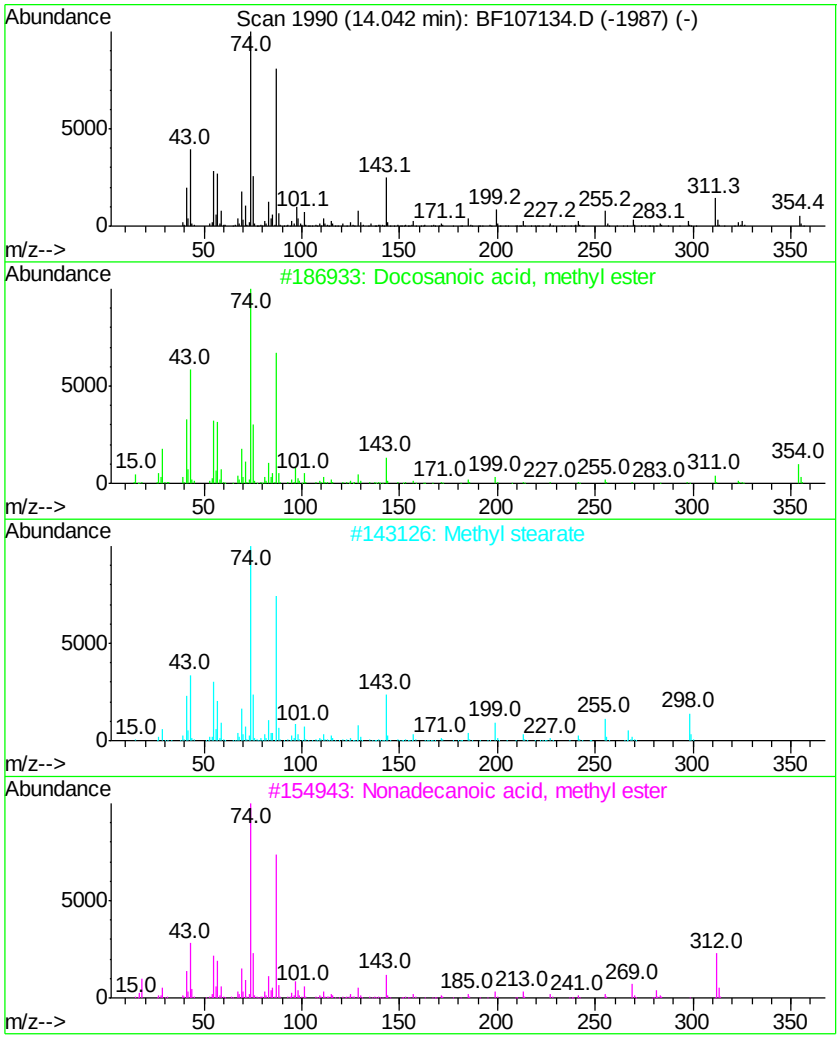
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

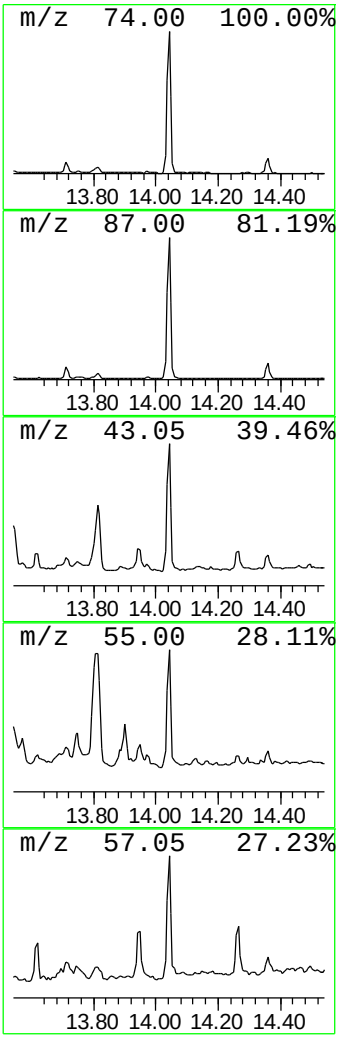
****

Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	23.61 ng	568232	Chrysene-d12	14.15

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	95
4	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	92
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

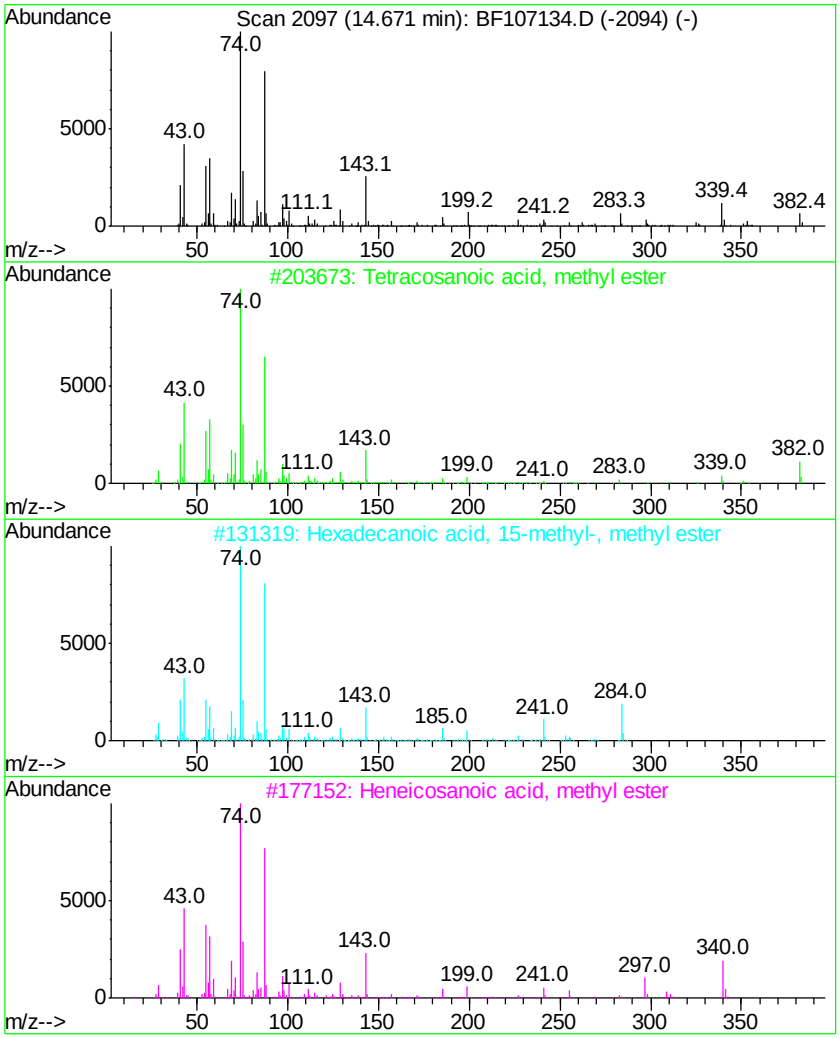
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

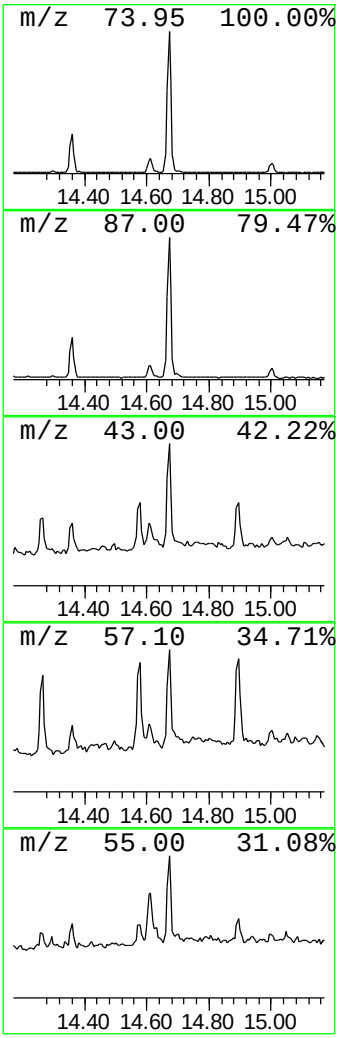
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Tetracosanoic acid, methyl ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	11.20 ng	269572	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	98
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
3	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	90
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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
unknown6.72	6.72	35.6	ng	635137	1	6.95	356685	20.0
Nonanoic acid, 9-...	9.56	9.5	ng	241032	3	9.99	506595	20.0
Methyl tetradecan...	10.98	10.6	ng	218306	4	11.48	410911	20.0
9-Hexadecenoic ac...	11.78	22.6	ng	464865	4	11.48	410911	20.0
Hexadecanoic acid...	11.88	243.8	ng	5008910	4	11.48	410911	20.0
Cyclopropaneoctan...	12.17	8.3	ng	171125	4	11.48	410911	20.0
Heptadecanoic aci...	12.25	9.1	ng	186702	4	11.48	410911	20.0
9,12-Octadecadien...	12.58	381.9	ng	7845800	4	11.48	410911	20.0
Methyl 10-trans,1...	12.89	10.9	ng	262039	5	14.15	481335	20.0
Methyl 9.cis.,11....	13.14	22.5	ng	542194	5	14.15	481335	20.0
Benzene, 1,3-dime...	13.18	7.5	ng	180563	5	14.15	481335	20.0
Methyl 9-eicosenoate	13.30	50.9	ng	1224480	5	14.15	481335	20.0
Eicosanoic acid, ...	13.37	30.9	ng	744137	5	14.15	481335	20.0
unknown13.49	13.49	14.7	ng	354115	5	14.15	481335	20.0
unknown13.54	13.54	8.4	ng	201183	5	14.15	481335	20.0
unknown13.81	13.81	45.5	ng	1093910	5	14.15	481335	20.0
Docosanoic acid, ...	14.04	23.6	ng	568232	5	14.15	481335	20.0
Tetracosanoic aci...	14.67	11.2	ng	269572	5	14.15	481335	20.0