LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100051.D
Acq On : 1 Nov 2017 18:39
Operator : SJ/JU
Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

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:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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	5.404	561	564	588	rBV	170233	296471	4.39%	1.126%
2	6.428	735	738	753	rBV	195589	312670	4.63%	1.187%
3	6.551	757	759	766	rVB	338897	359087	5.31%	1.363%
4	6.775	794	797	811	rBV	511291	450900	6.67%	1.712%
5	6.934	821	824	832	rBV	272239	269382	3.99%	1.023%
6	7.351	892	895	913	rBV	153375	214844	3.18%	0.816%
7	8.057	1012	1015	1021	rBV	680961	599334	8.87%	2.275%
8	9.128	1194	1197	1205	rVB	478349	420787	6.23%	1.598%
9	9.398	1240	1243	1251	rBV	86529	84933	1.26%	0.322%
10	9.533	1259	1266	1272	rBV	75721	79770	1.18%	0.303%
11	9.816	1310	1314	1317	rBV	706378	632717	9.36%	2.402%
12	10.610	1446	1449	1457	rBV	198134	185034	2.74%	0.703%
13	10.810	1480	1483	1487	rVB	188155	150919	2.23%	0.573%
14	11.310	1564	1568	1576	rVB	575995	545785	8.08%	2.072%
15	11.604	1612	1618	1623	rVB	338735	338247	5.01%	1.284%
16	11.692	1627	1633	1636	rBV	3575079	4088743	60.51%	15.524%
17	11.827	1652	1656	1663	rBV	108989	120461	1.78%	0.457%
18	12.086	1697	1700	1706	rVB	110837	86190	1.28%	0.327%
19	12.380	1741	1750	1752	rBV	2968054	4529932	67.04%	17.199%
20	12.416	1752	1756	1760	rVV	4354885	6756876	100.00%	25.653%
21	12.480	1764	1767	1771	rVB	2350168	2260413	33.45%	8.582%
22	12.533	1771	1776	1784	rBV	242106	376418	5.57%	1.429%
23	12.768	1810	1816	1822	rBV5	51624	83307	1.23%	0.316%
24	12.892	1833	1837	1840	rBV	336350	283620	4.20%	1.077%
25	13.074	1860	1868	1871	rBV5	93276	238929	3.54%	0.907%
26	13.121	1871	1876	1883	rVB2	273153	381887	5.65%	1.450%
27	13.198	1886	1889	1892	rBV	206914	195022	2.89%	0.740%
28	13.316	1905	1909	1913	rBV	204451	207658	3.07%	0.788%
29	13.368	1915	1918	1921	rVV	108925	120666	1.79%	0.458%
30	13.398	1921	1923	1929	rVB2	82117	95641	1.42%	0.363%
31	13.639	1959	1964	1968	rVB2	372970	512196	7.58%	1.945%
32	13.868	2000	2003	2007	rVB	182801	158290	2.34%	0.601%
33	13.963	2015	2019	2028	rBV	499316	464116	6.87%	1.762%
34	15.439	2266	2270	2278	rVB	348320	437782	6.48%	1.662%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100051.D
Acq On : 1 Nov 2017 18:39
Operator : SJ/JU
Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

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:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 26339027

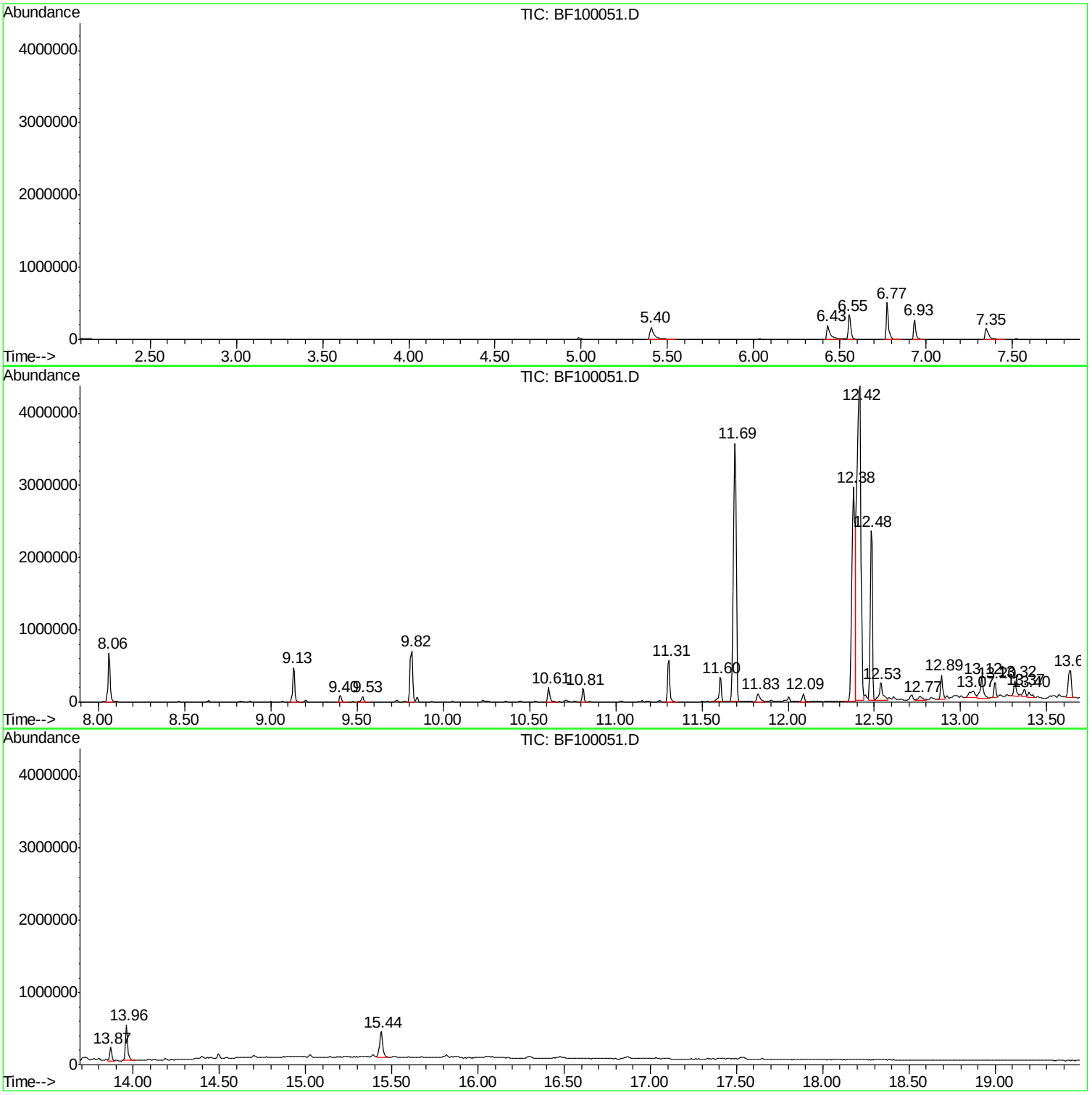
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100051.D
Acq On : 1 Nov 2017 18:39
Operator : SJ/JU
Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-103017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100051.D
Acq On : 1 Nov 2017 18:39
Operator : SJ/JU
Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

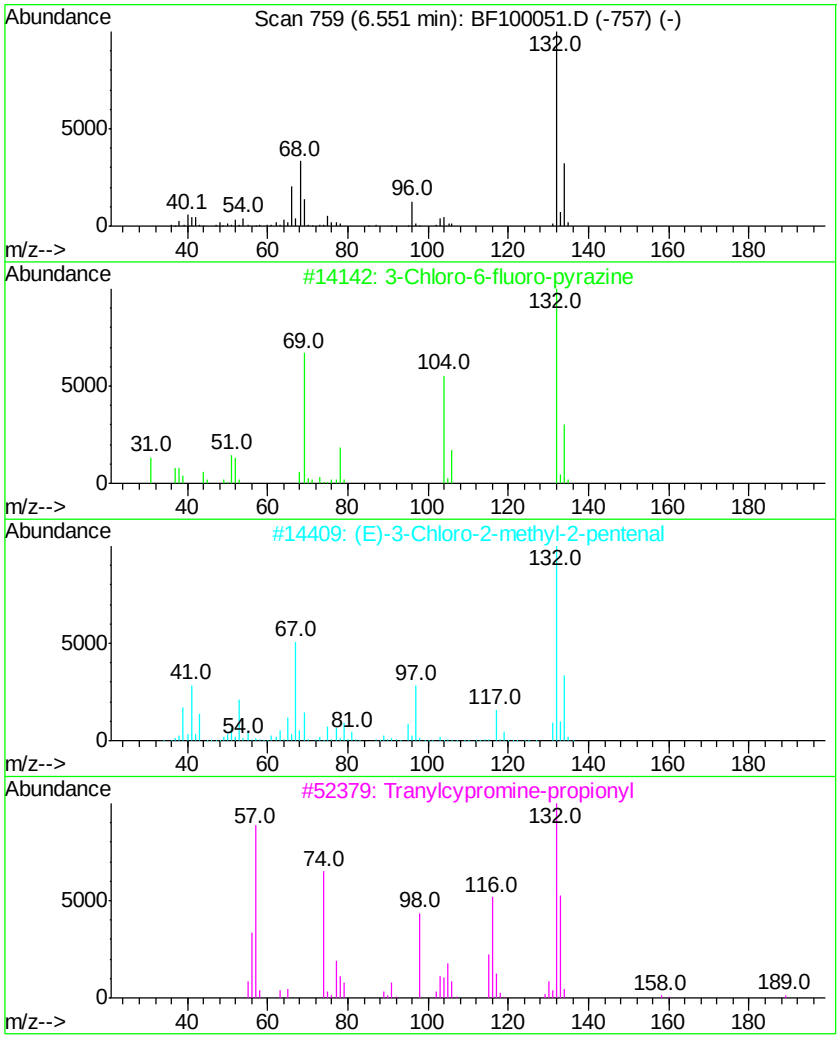
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

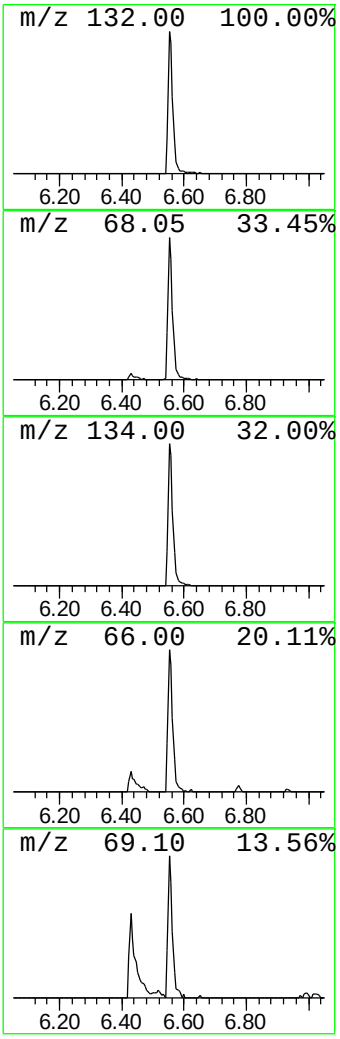
****

Peak Number 1 unknown6.55 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	15.93 ng	359087	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100051.D
Acq On : 1 Nov 2017 18:39
Operator : SJ/JU
Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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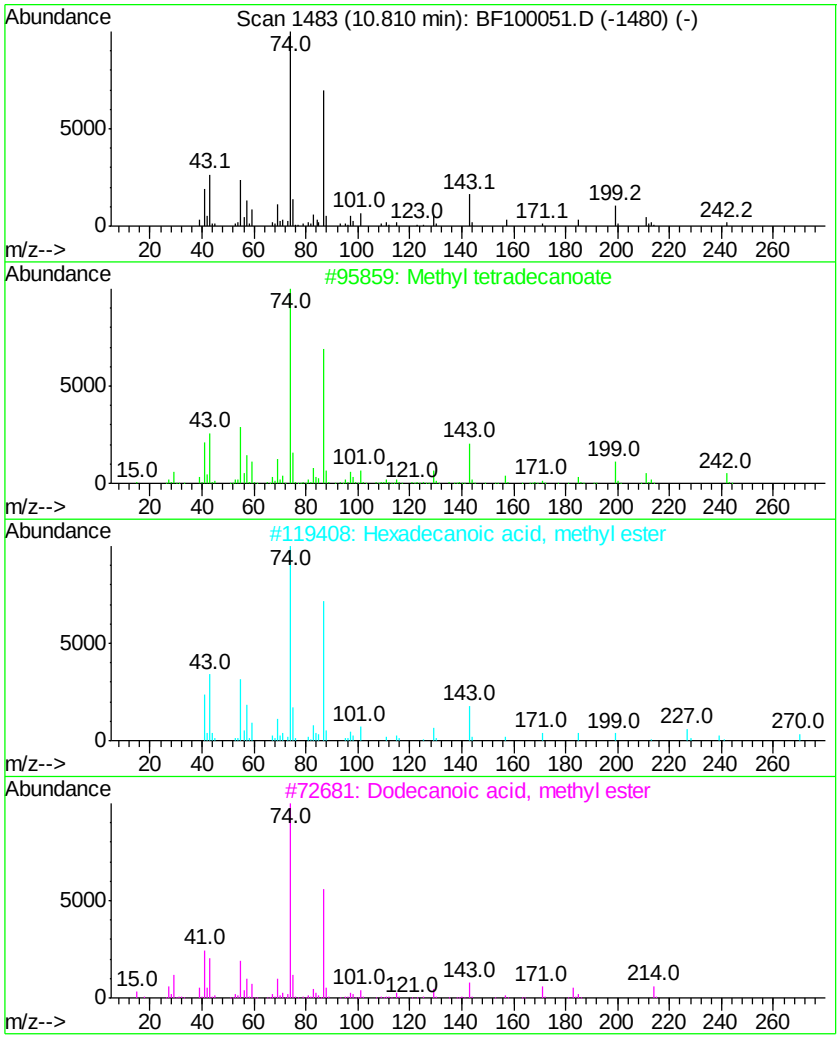
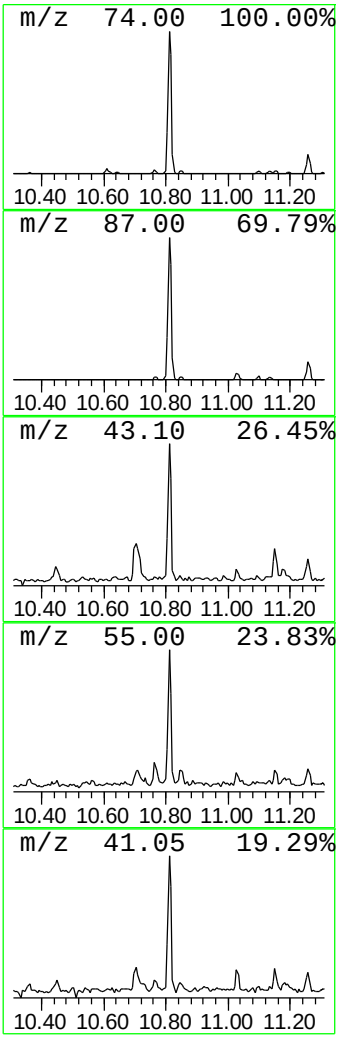
Peak Number 3 Methyl tetradecanoate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	5.53 ng	150919	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	80





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100051.D
Acq On : 1 Nov 2017 18:39
Operator : SJ/JU
Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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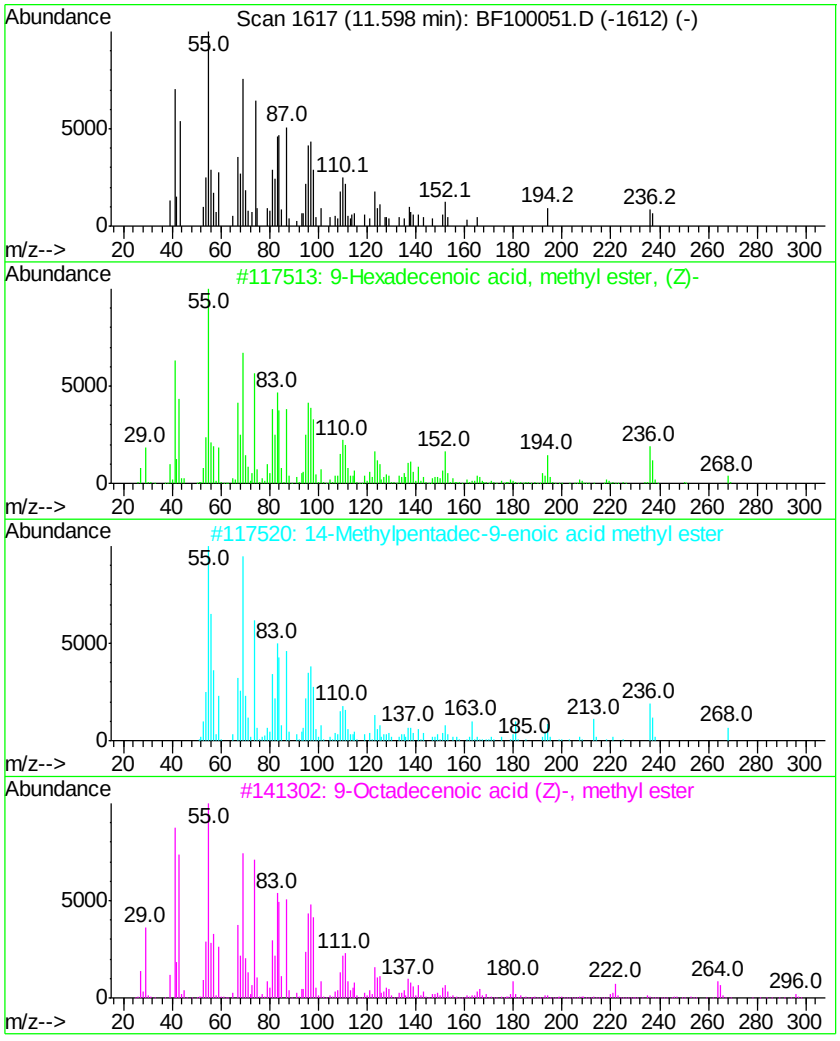
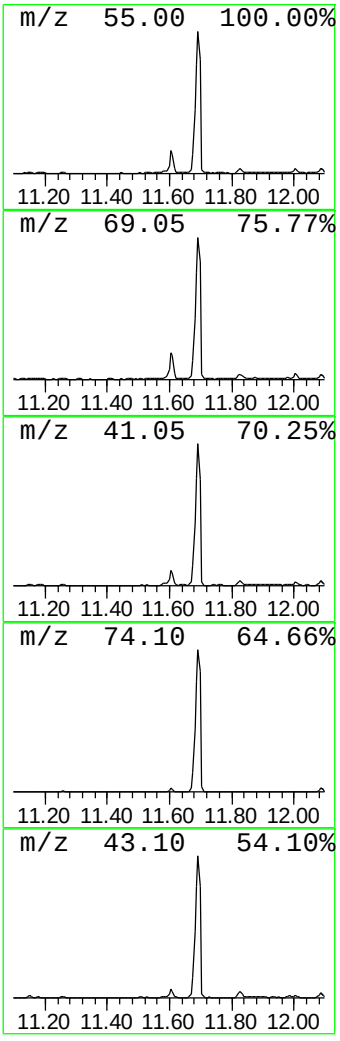
Peak Number 4 9-Hexadecenoic acid, methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	12.39 ng	338247	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	14-Methylpentadec-9-enoic acid m...	268	C17H32O2	1000365-89-7	93
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
4	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	91
5	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	90





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100051.D
Acq On : 1 Nov 2017 18:39
Operator : SJ/JU
Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

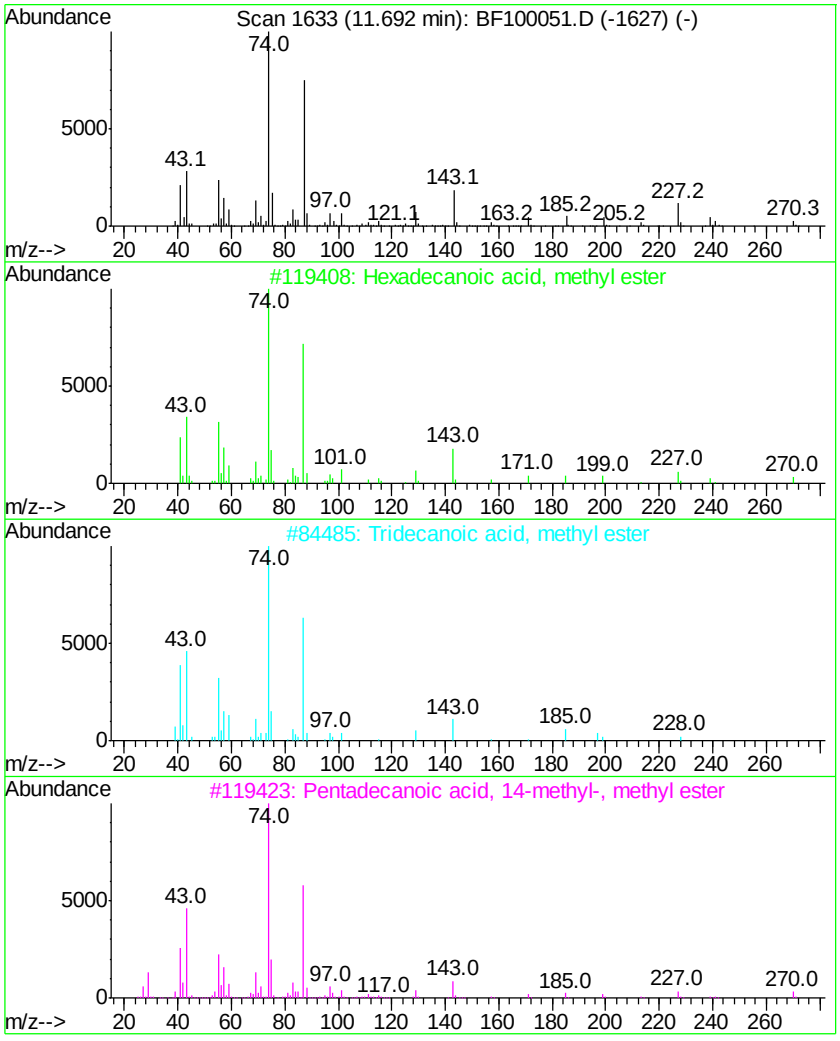
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

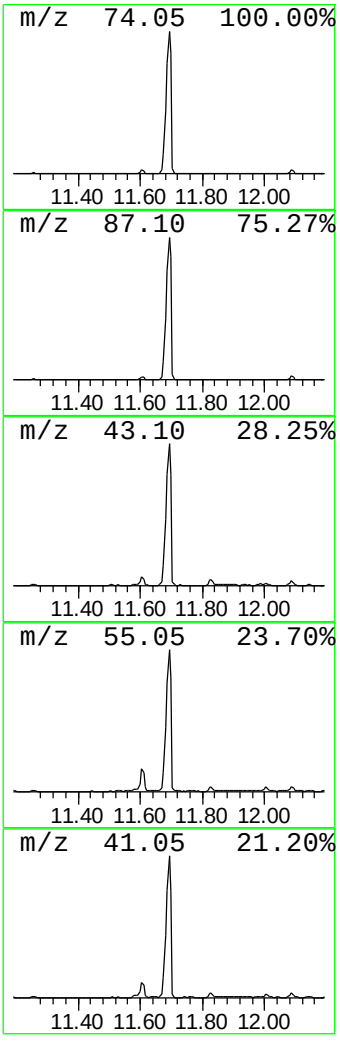
****

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	149.83 ng	4088740	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100051.D
Acq On : 1 Nov 2017 18:39
Operator : SJ/JU
Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

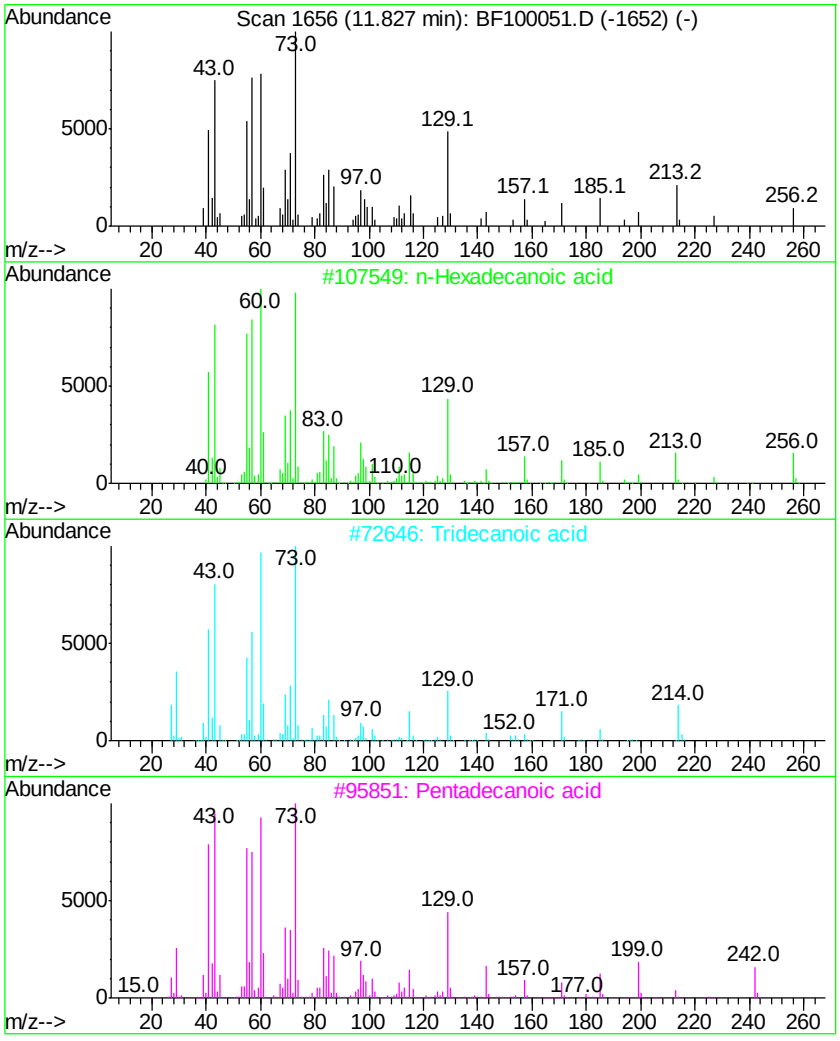
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

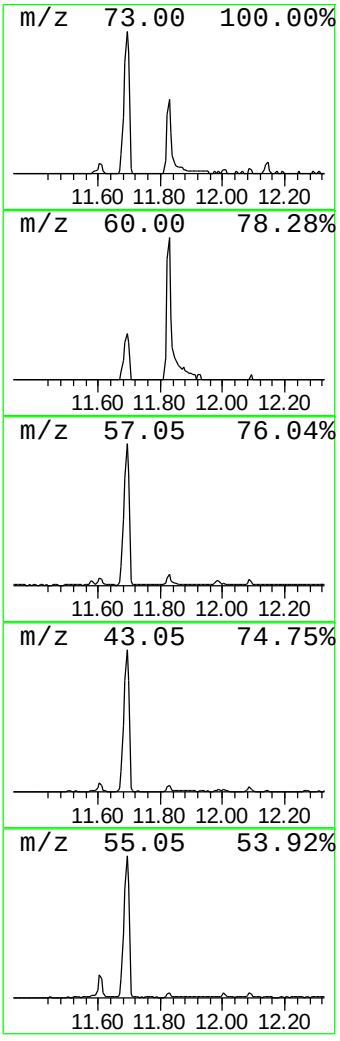
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	4.41 ng	120461	Phenanthrene-d10	11.31

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	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100051.D
Acq On : 1 Nov 2017 18:39
Operator : SJ/JU
Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

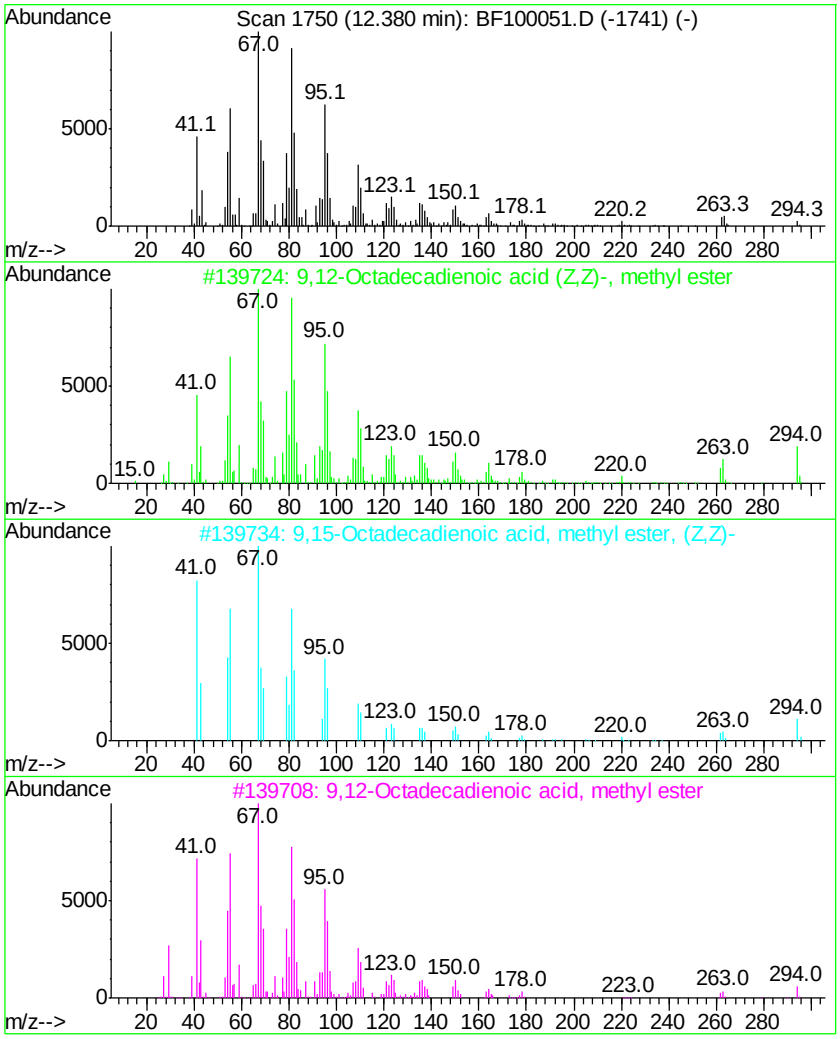
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

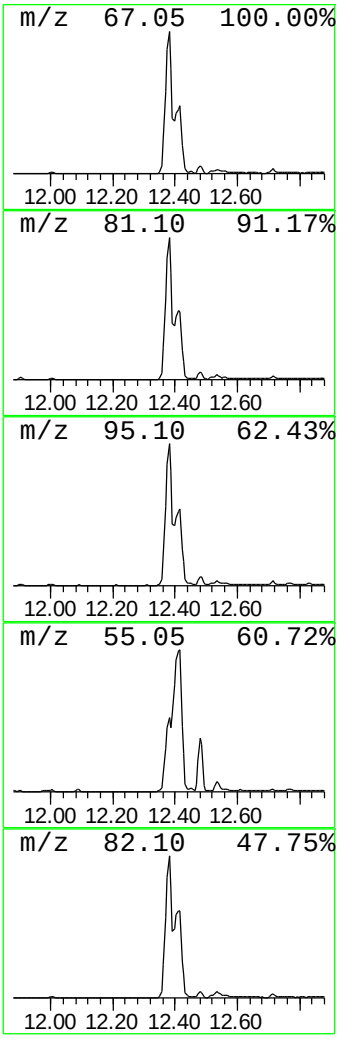
****

Peak Number 8 9,12-Octadecadienoic acid (... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	166.00 ng	4529930	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100051.D
Acq On : 1 Nov 2017 18:39
Operator : SJ/JU
Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

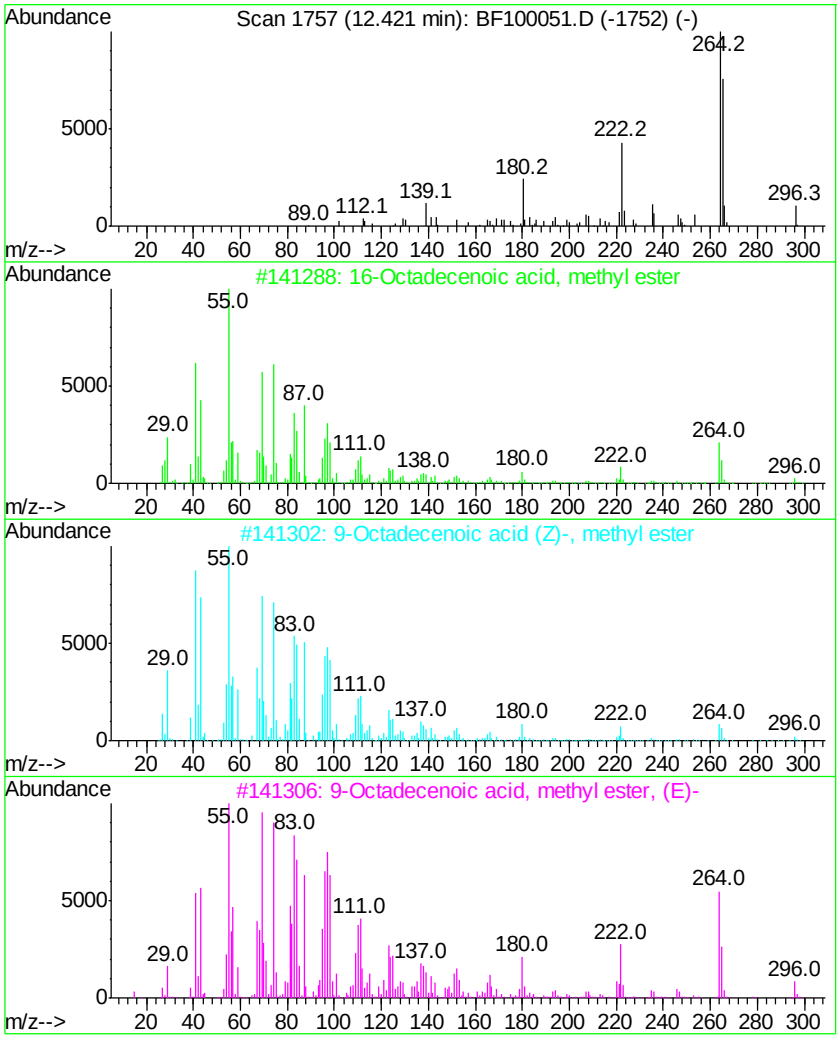
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

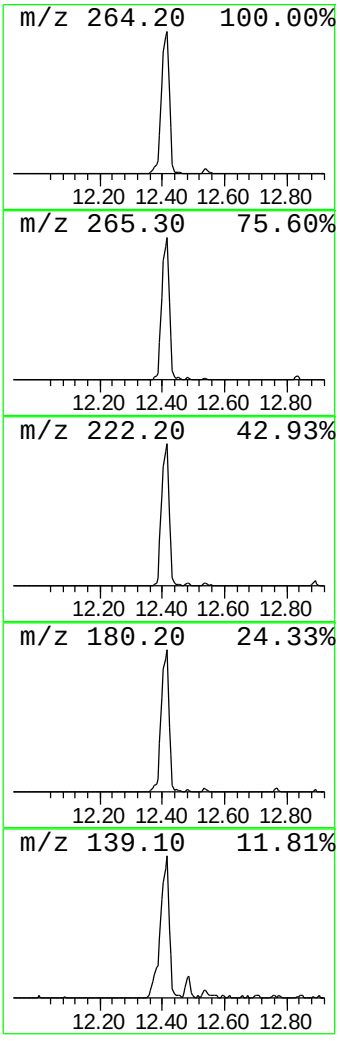
****

Peak Number 9 16-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	247.60 ng	6756880	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
4	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	90
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	90





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100051.D
Acq On : 1 Nov 2017 18:39
Operator : SJ/JU
Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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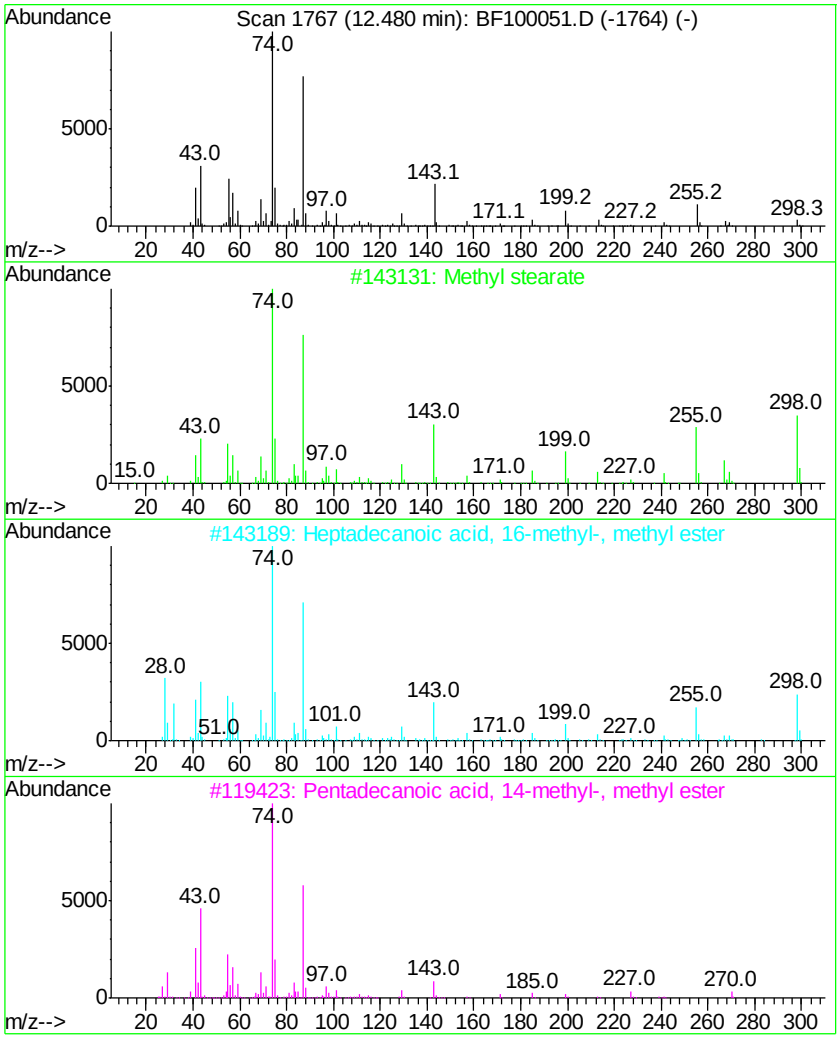
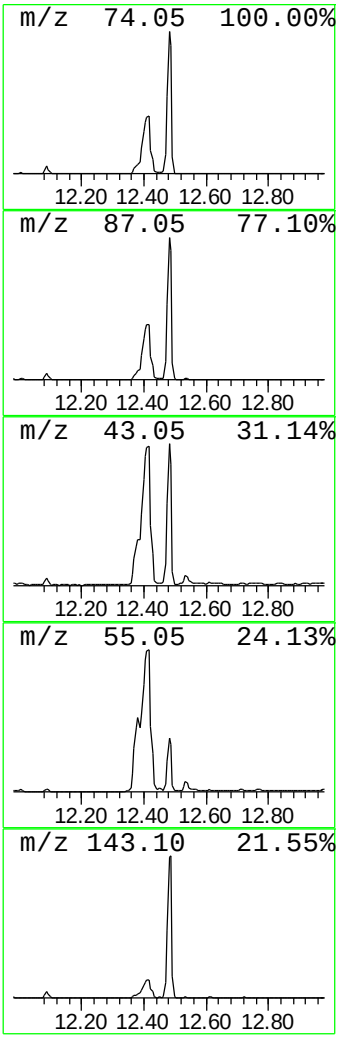
Peak Number 10 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	82.83 ng	2260410	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100051.D
Acq On : 1 Nov 2017 18:39
Operator : SJ/JU
Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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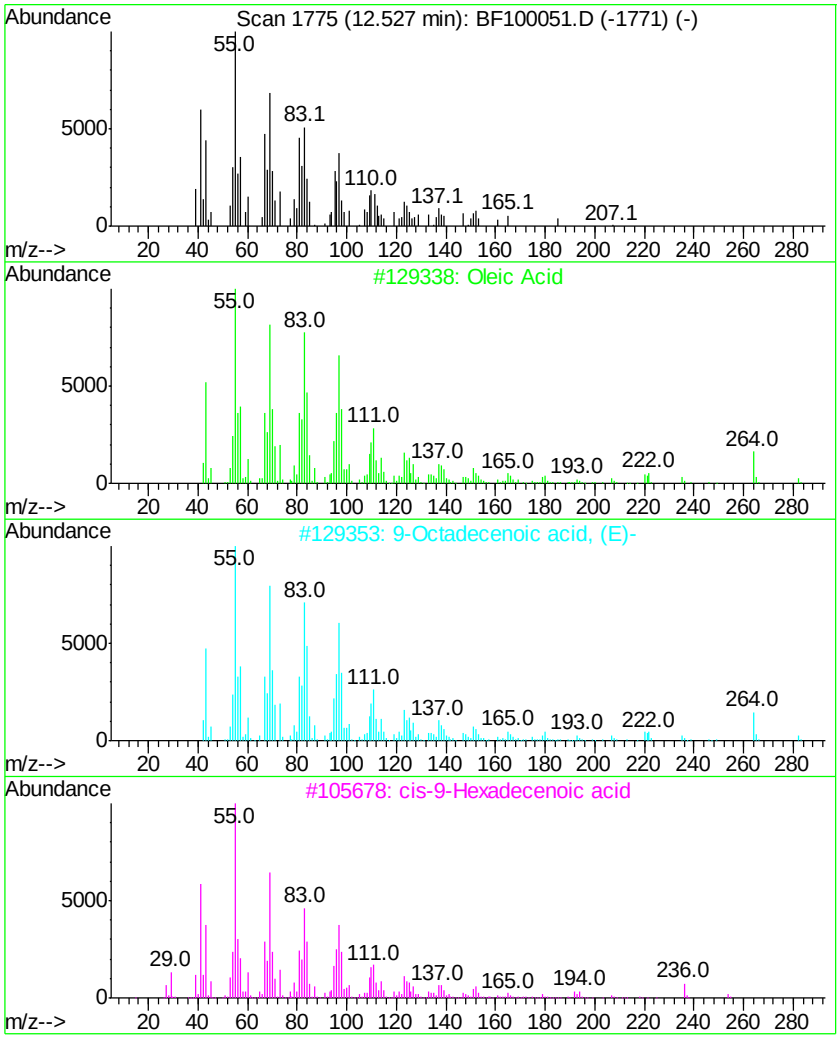
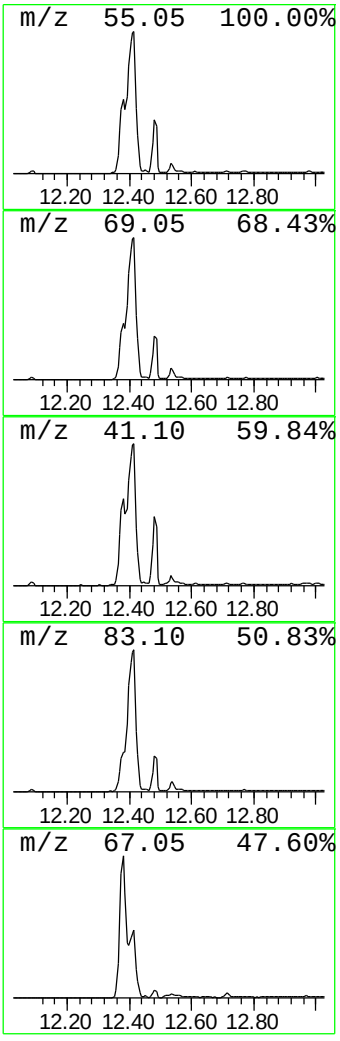
Peak Number 11 Oleic Acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	13.79 ng	376418	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	90
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	90
3	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	64
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	64
5	1-Dodecanol	186	C12H26O	000112-53-8	64





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Acq On : 1 Nov 2017 18:39
Operator : SJ/JU
Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

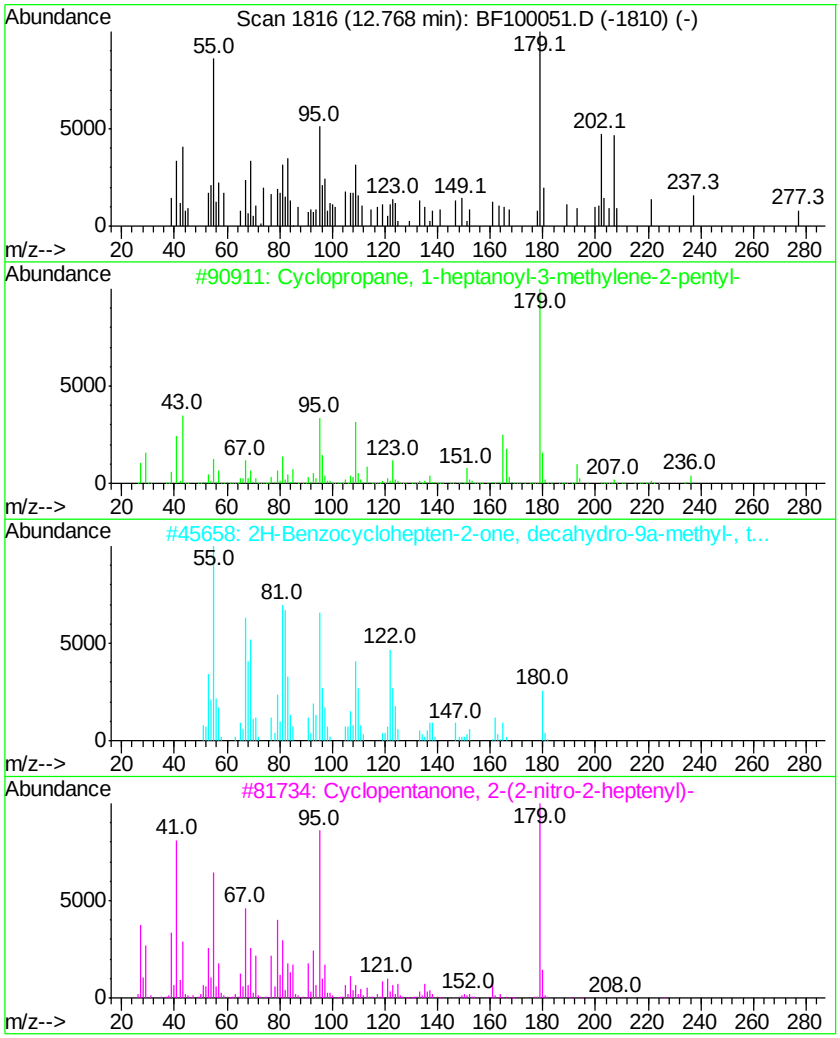
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

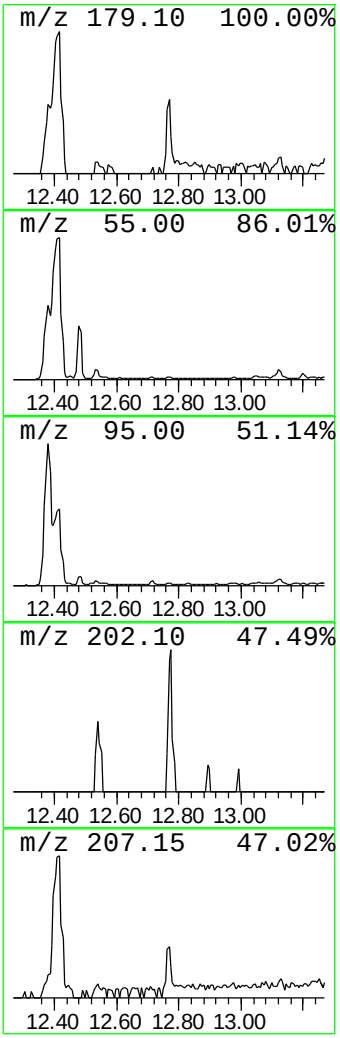
****

Peak Number 12 unknown12.77 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	3.59 ng	83307	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-heptanoyl-3-meth...	236	C16H28O	1000157-26-0	37
2	2H-Benzocyclohepten-2-one, decah...	180	C12H20O	055103-67-8	30
3	Cyclopentanone, 2-(2-nitro-2-hep...	225	C12H19NO3	104313-57-7	25
4	N-Isopropyl-3-[1-methyl-5-nitro-...	237	C11H15N3O3	023876-29-1	22
5	Benzonitrile, 4-(2,2-dicyanoethe...	179	C11H5N3	036937-92-5	14





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Acq On : 1 Nov 2017 18:39
Operator : SJ/JU
Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

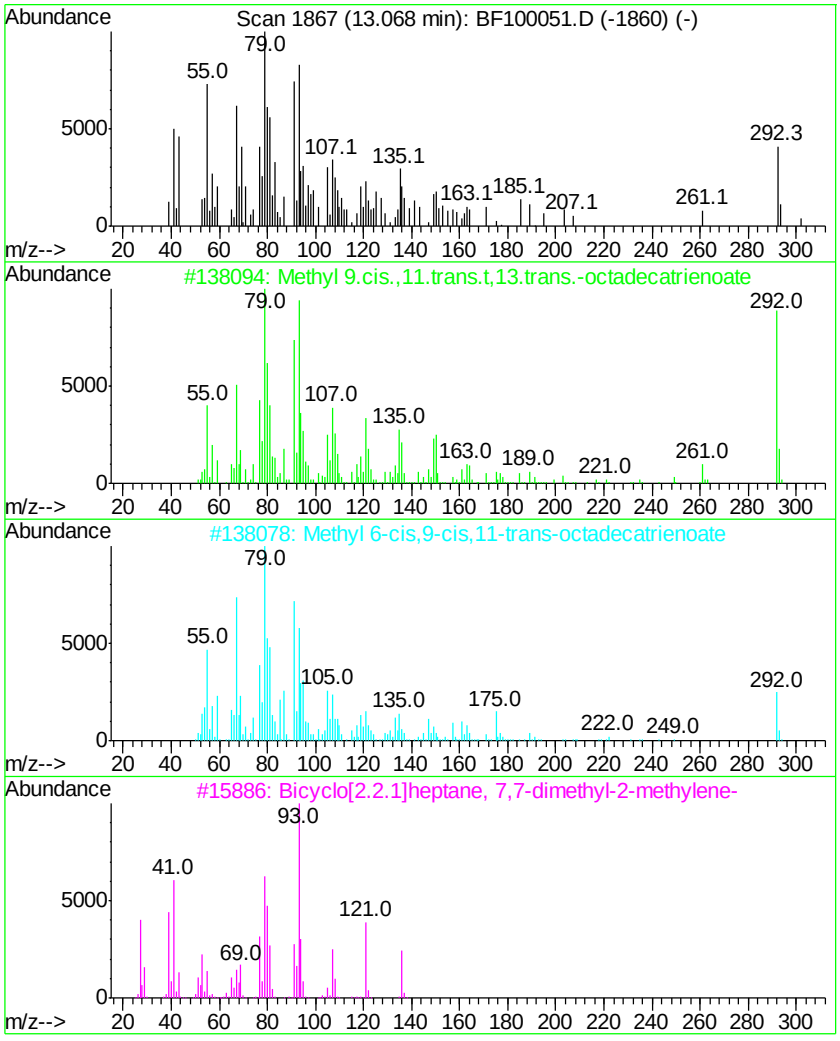
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

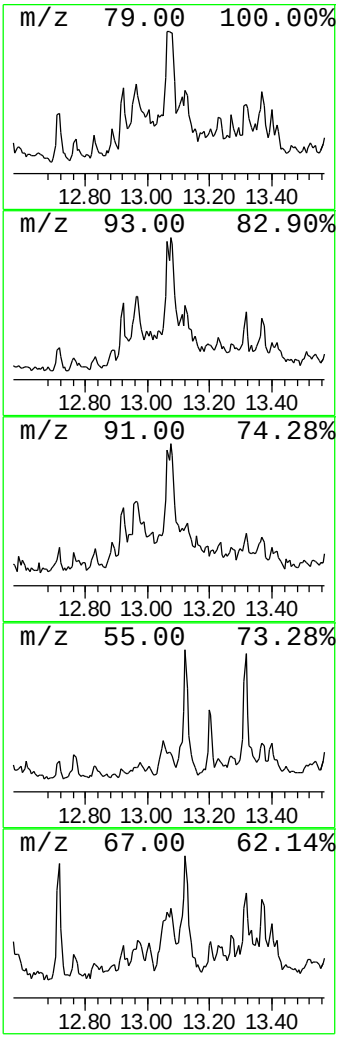
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	10.30 ng	238929	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	87
2	Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	86
3	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	70
4	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	58
5	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	58





Library Search Compound Report

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Operator : SJ/JU
Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

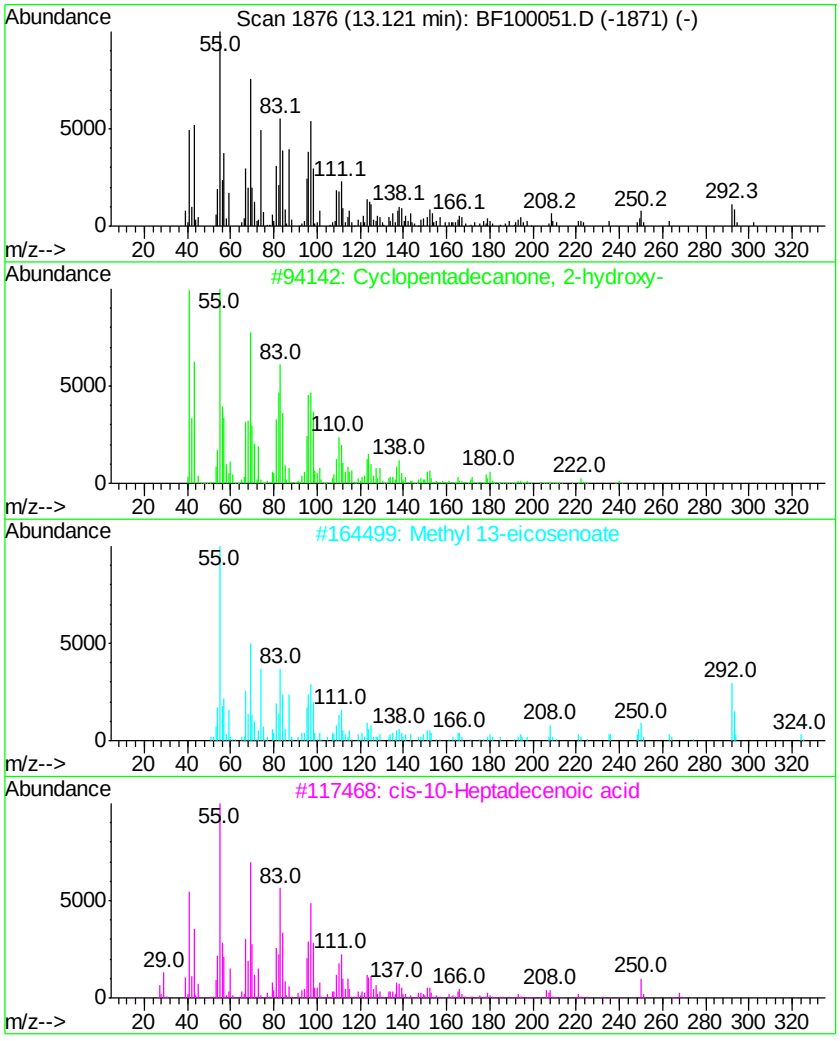
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

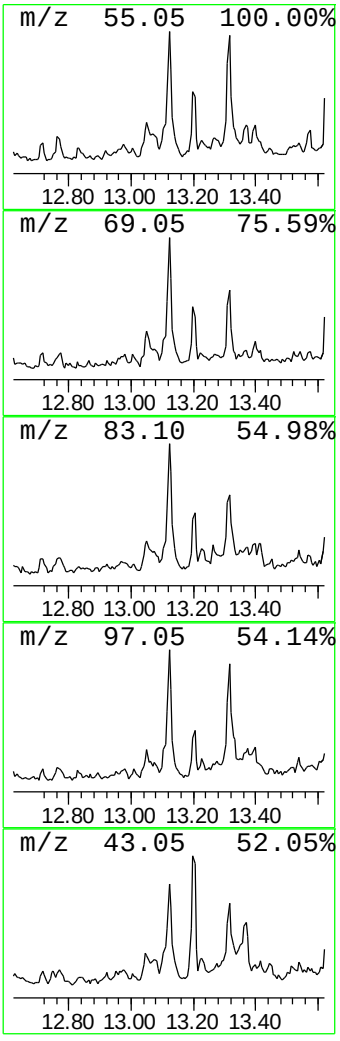
****

Peak Number 14 Cyclopentadecanone, 2-hydroxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	16.46 ng	381887	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	64
2	Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	64
3	cis-10-Heptadecenoic acid	268	C17H32O2	029743-97-3	60
4	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	55
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	53





Library Search Compound Report

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Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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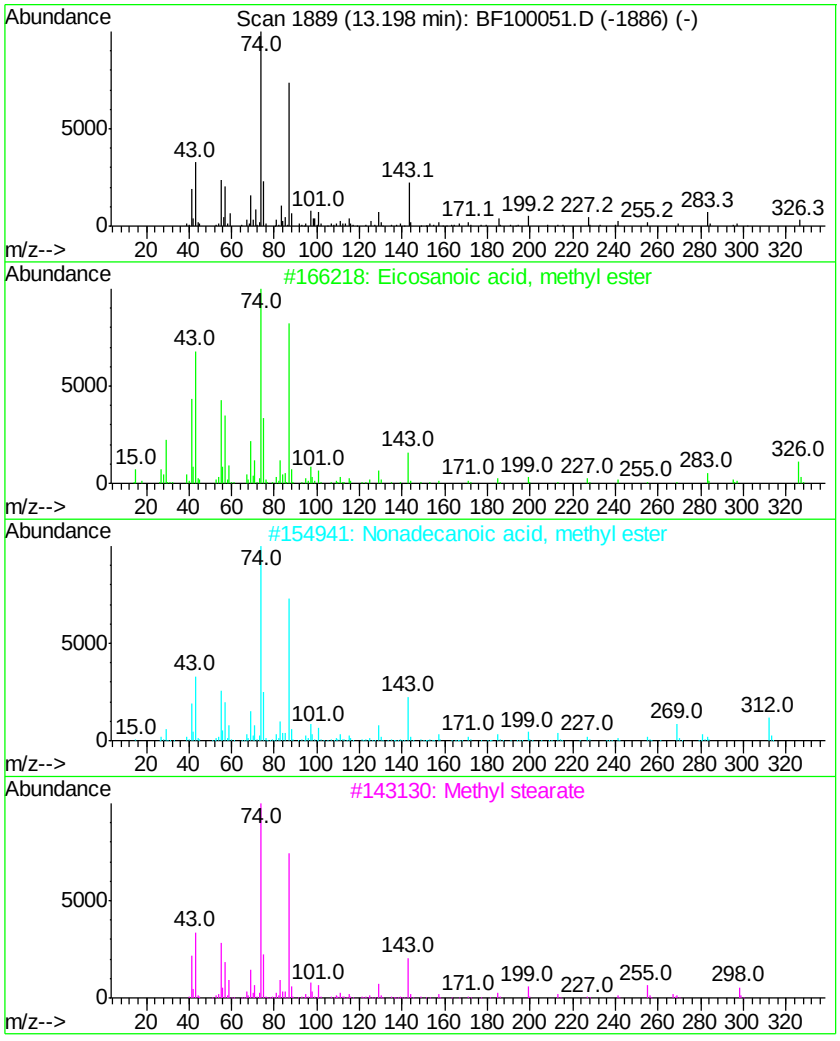
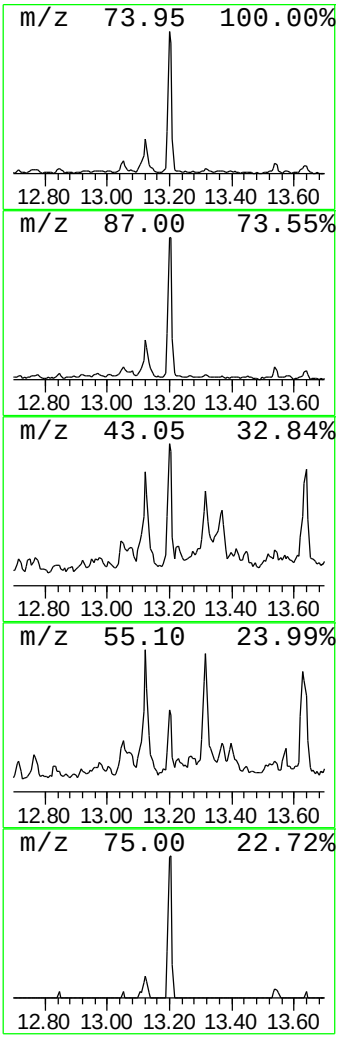
Peak Number 15 Eicosanoic acid, methyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	8.40 ng	195022	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	93
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90
3	Methyl stearate	298	C19H38O2	000112-61-8	87
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	83
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





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Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

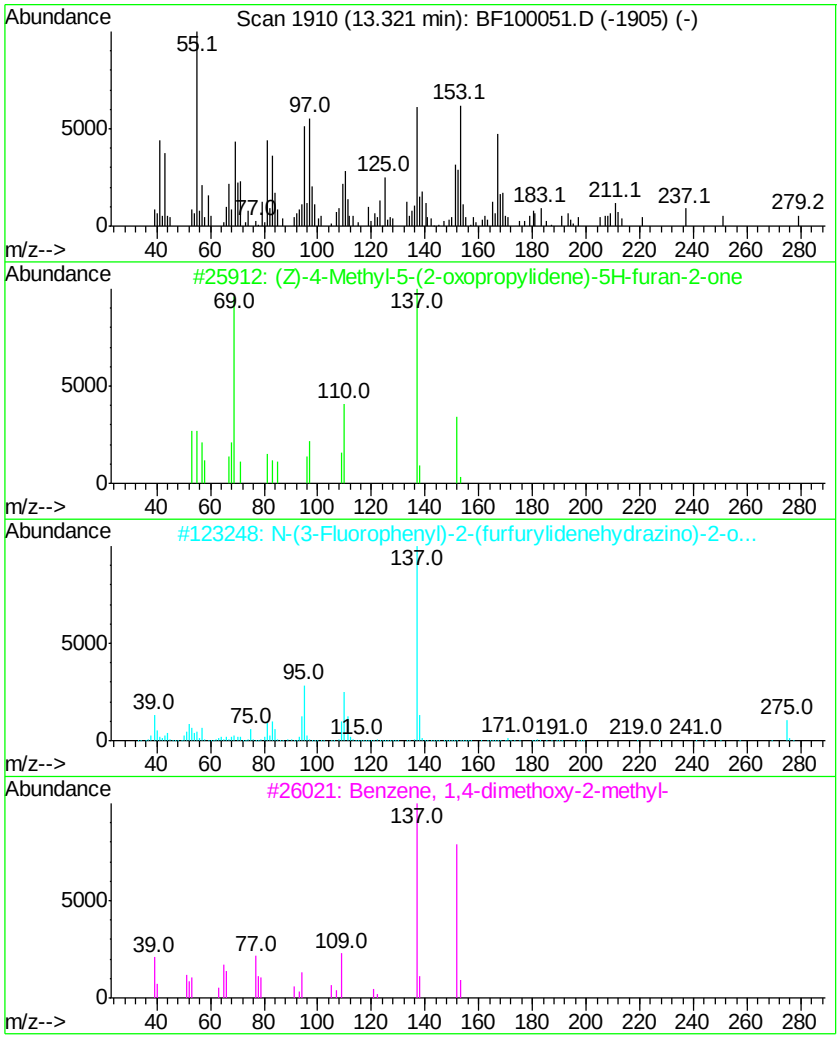
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

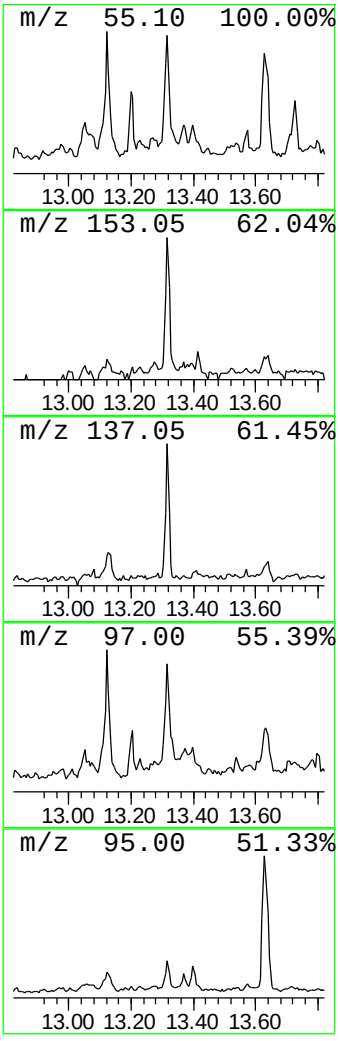
****

Peak Number 16 unknown13.32 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	8.95 ng	207658	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-4-Methyl-5-(2-oxopropylidene...	152	C8H8O3	026474-45-3	25
2	N-(3-Fluorophenyl)-2-(furfurylid...	275	C13H10FN3O3	328030-94-0	22
3	Benzene, 1,4-dimethoxy-2-methyl-	152	C9H12O2	024599-58-4	14
4	2,4,4-Trimethyl-3-(3-methylbutyl...	208	C14H24O	088725-82-0	14
5	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	14





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Acq On : 1 Nov 2017 18:39
Operator : SJ/JU
Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

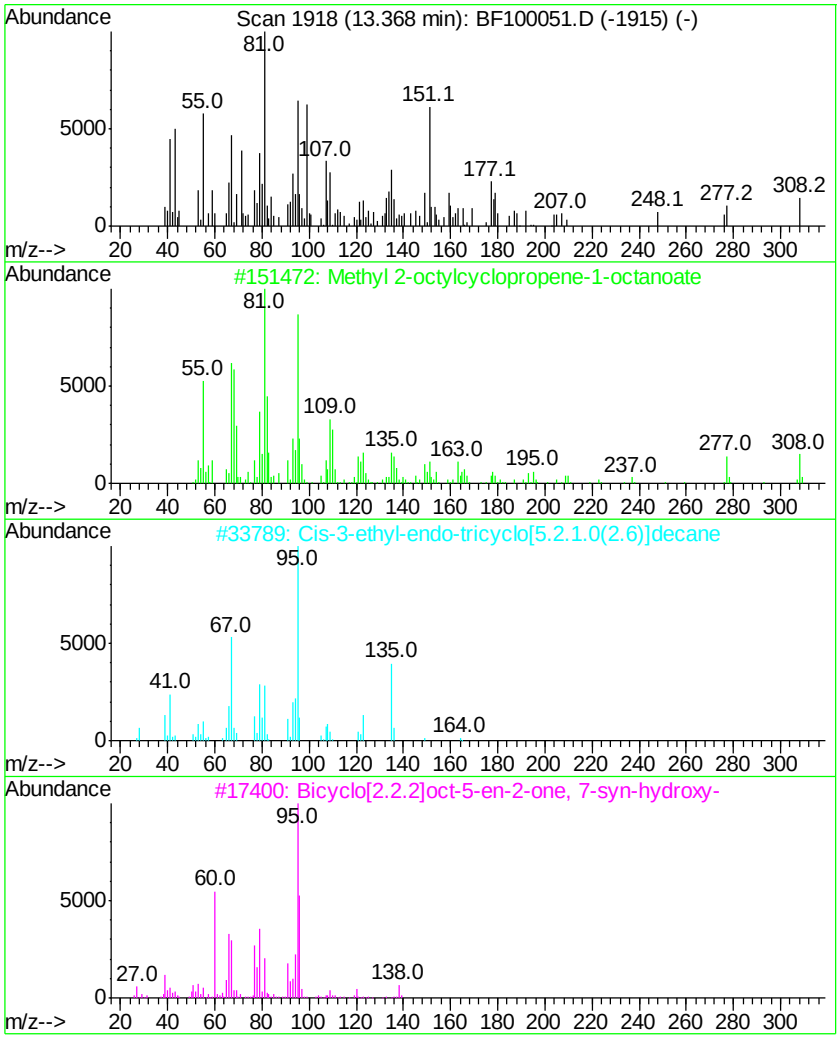
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

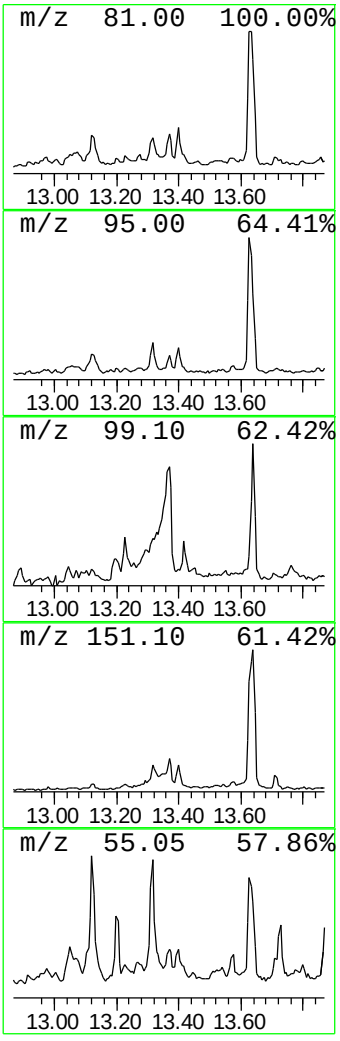
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Methyl 2-octylcyclopropene-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	5.20 ng	120666	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	60
2	Cis-3-ethyl-endo-tricyclo[5.2.1....	164	C12H20	1000215-29-1	27
3	Bicyclo[2.2.2]oct-5-en-2-one, 7-...	138	C8H10O2	1000153-14-9	25
4	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	22
5	Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	22





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Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

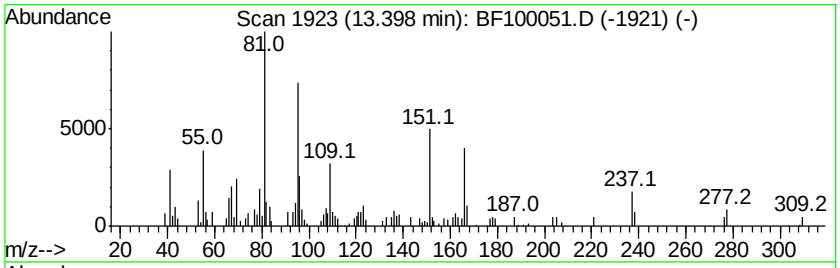
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

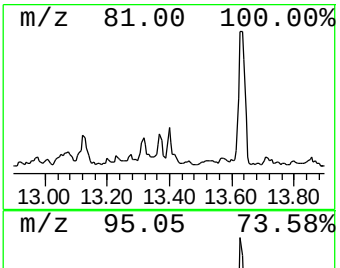
****

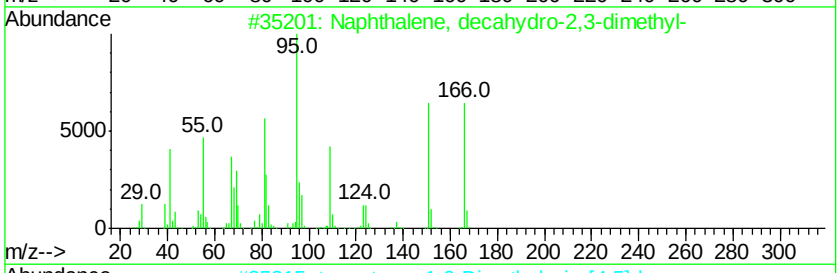
Peak Number 18 unknown13.40 Concentration Rank 18

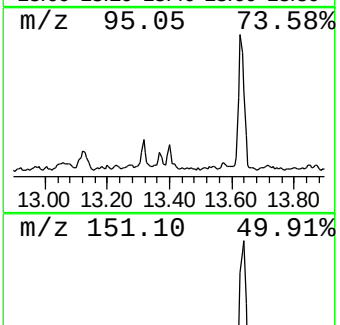
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	4.12 ng	95641	Chrysene-d12	13.96

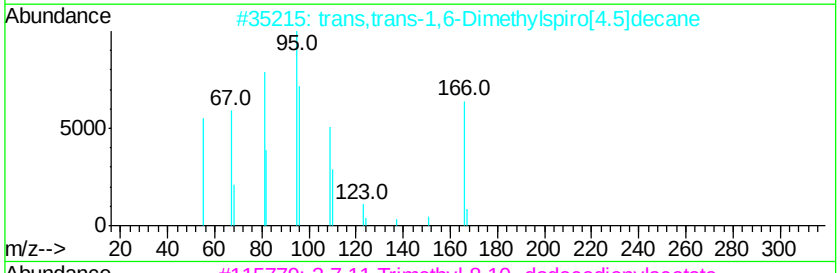
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	47
2	trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	43
3	3,7,11,Trimethyl-8,10- dodecedie...	266	C17H30O2	1000374-10-3	43
4	cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	43
5	Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	38

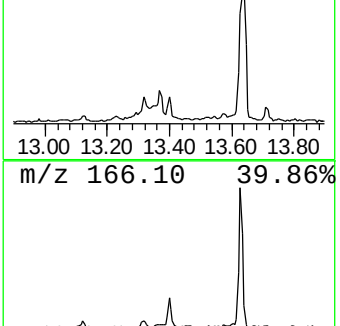


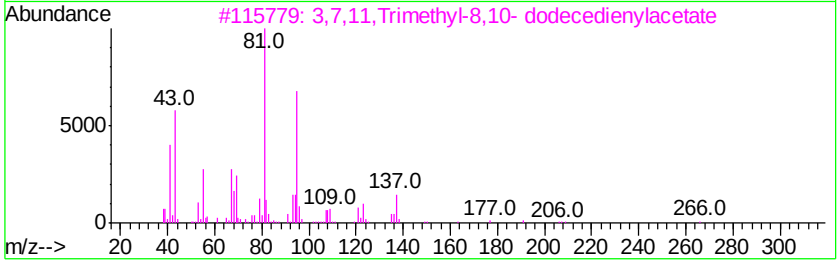












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Acq On : 1 Nov 2017 18:39
Operator : SJ/JU
Sample : I6231-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-103017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

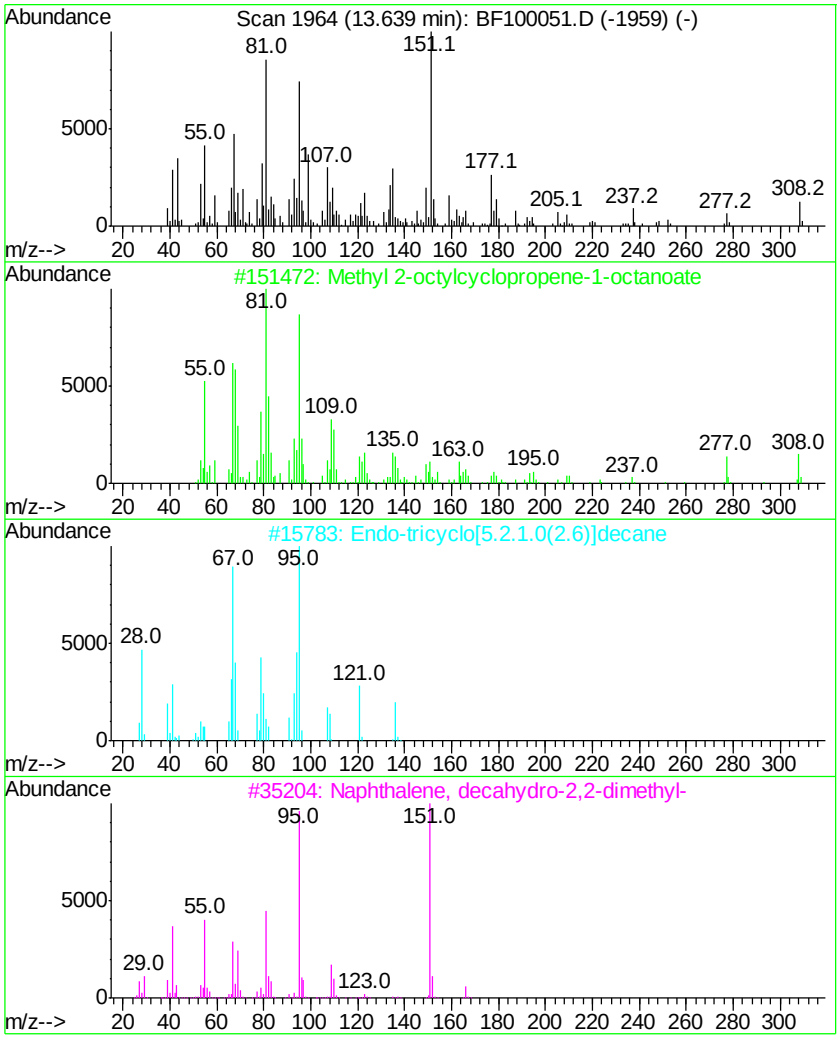
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

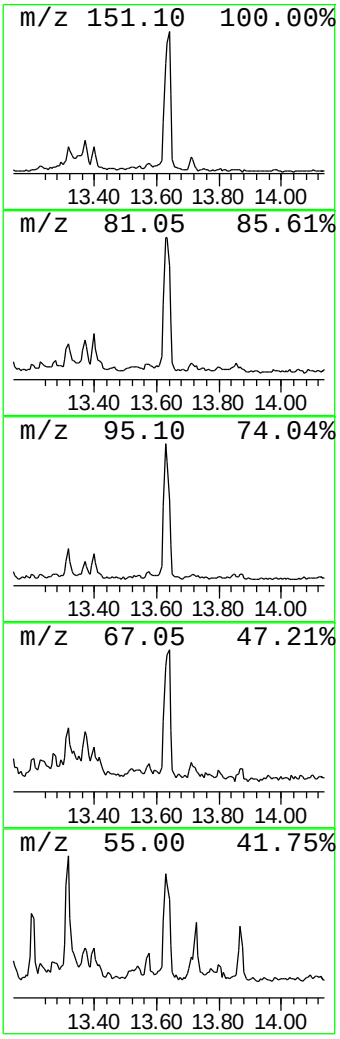
****

Peak Number 19 unknown13.64 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	22.07 ng	512196	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	35
2	Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	30
3	Naphthalene, decahydro-2,2-dimet...	166	C12H22	031124-85-3	27
4	Bicyclo[2.2.1]heptane, 2-(2-meth...	150	C11H18	061142-27-6	27
5	2(5H)-Furanone, 4-methyl-5,5-bis...	206	C13H18O2	099202-98-9	25





Library Search Compound Report

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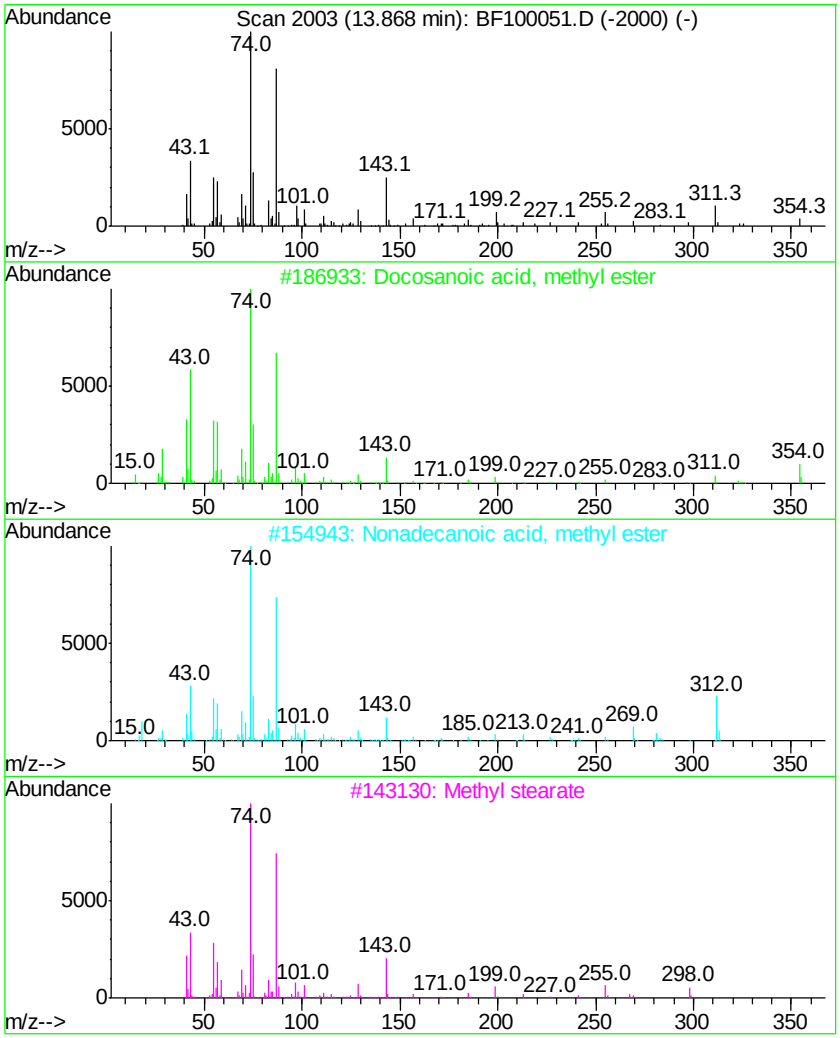
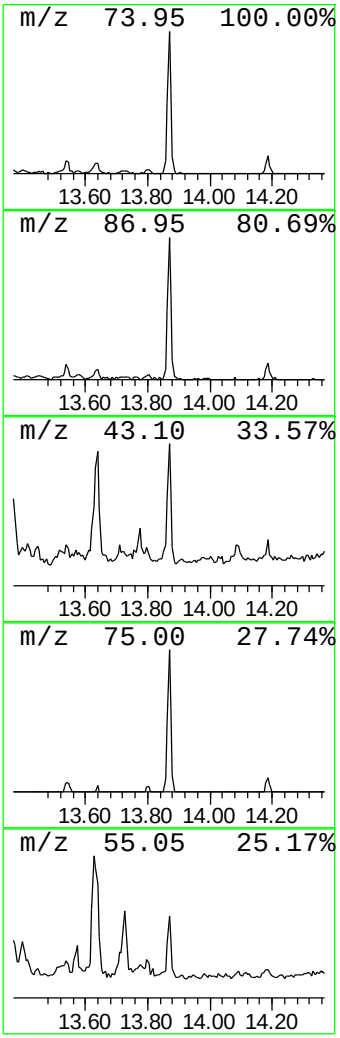
****

Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	6.82 ng	158290	Chrysene-d12	13.96

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	91
3	Methyl stearate	298	C19H38O2	000112-61-8	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86





Tentatively Identified Compound (LSC) summary

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Data File : BF100051.D
Acq On : 1 Nov 2017 18:39
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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
unknown6.55	6.55	15.9	ng	359087	1	6.77	450900	20.0
Methyl tetradecan...	10.81	5.5	ng	150919	4	11.31	545785	20.0
9-Hexadecenoic ac...	11.60	12.4	ng	338247	4	11.31	545785	20.0
Hexadecanoic acid...	11.69	149.8	ng	4088740	4	11.31	545785	20.0
n-Hexadecanoic acid	11.83	4.4	ng	120461	4	11.31	545785	20.0
9,12-Octadecadien...	12.38	166.0	ng	4529930	4	11.31	545785	20.0
16-Octadecenoic a...	12.42	247.6	ng	6756880	4	11.31	545785	20.0
Methyl stearate	12.48	82.8	ng	2260410	4	11.31	545785	20.0
Oleic Acid	12.53	13.8	ng	376418	4	11.31	545785	20.0
unknown12.77	12.77	3.6	ng	83307	5	13.96	464116	20.0
Methyl 9.cis.,11....	13.07	10.3	ng	238929	5	13.96	464116	20.0
Cyclopentadecanon...	13.12	16.5	ng	381887	5	13.96	464116	20.0
Eicosanoic acid, ...	13.20	8.4	ng	195022	5	13.96	464116	20.0
unknown13.32	13.32	8.9	ng	207658	5	13.96	464116	20.0
Methyl 2-octylcyc...	13.37	5.2	ng	120666	5	13.96	464116	20.0
unknown13.40	13.40	4.1	ng	95641	5	13.96	464116	20.0
unknown13.64	13.64	22.1	ng	512196	5	13.96	464116	20.0
Docosanoic acid, ...	13.87	6.8	ng	158290	5	13.96	464116	20.0