LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

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-BF012218.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	5.316	546	549	565	rBV	1823320	2014520	5.34%	2.067%
2	6.351	722	725	742	rBV	1868419	2073973	5.50%	2.128%
3	6.475	743	746	752	rVV	2181726	2060842	5.46%	2.114%
4	6.704	782	785	791	rBV	1036572	856169	2.27%	0.878%
5	6.857	806	811	820	rBV	1718500	1572161	4.17%	1.613%
6	7.275	878	882	884	rBV	1187906	1144894	3.03%	1.175%
7	7.986	1001	1003	1009	rVV	1223737	1076900	2.85%	1.105%
8	9.063	1182	1186	1193	rBV	2032355	1828470	4.85%	1.876%
9	9.327	1228	1231	1236	rBV	467887	420358	1.11%	0.431%
10	9.739	1297	1301	1304	rVV	1148124	977529	2.59%	1.003%
11	10.527	1432	1435	1440	rBV	826685	841736	2.23%	0.864%
12	11.221	1550	1553	1556	rBV	849217	861129	2.28%	0.884%
13	11.245	1556	1557	1564	rVB	455763	397747	1.05%	0.408%
14	11.533	1604	1606	1611	rVV2	554852	507688	1.35%	0.521%
15	11.639	1615	1624	1627	rBV	7787299	14527314	38.50%	14.905%
16	11.933	1668	1674	1678	rBV2	413441	457283	1.21%	0.469%
17	12.016	1685	1688	1694	rBV2	432133	492102	1.30%	0.505%
18	12.368	1729	1748	1749	rBV5	8469947	37733522	100.00%	38.715%
19	12.433	1755	1759	1762	rVV	6226898	7662251	20.31%	7.862%
20	12.474	1762	1766	1767	rVV	670597	805362	2.13%	0.826%
21	12.492	1767	1769	1774	rVV2	1212065	1184322	3.14%	1.215%
22	12.651	1792	1796	1799	rBV	786370	729198	1.93%	0.748%
23	12.704	1799	1805	1810	rVB3	588538	1108686	2.94%	1.138%
24	12.821	1821	1825	1827	rBV	1710921	1507034	3.99%	1.546%
25	12.851	1827	1830	1832	rVV	687959	642963	1.70%	0.660%
26	12.892	1832	1837	1841	rVB2	610683	866957	2.30%	0.890%
27	13.010	1851	1857	1859	rVB3	1325105	2107802	5.59%	2.163%
28	13.051	1859	1864	1870	rVB2	1133591	1645792	4.36%	1.689%
29	13.133	1872	1878	1880	rBV2	1462853	1531551	4.06%	1.571%
30	13.157	1880	1882	1887	rVV4	630309	709570	1.88%	0.728%
31	13.198	1887	1889	1893	rVV2	641187	722728	1.92%	0.742%
32	13.239	1894	1896	1901	rVV4	300579	523071	1.39%	0.537%
33	13.298	1903	1906	1908	rVV	566693	606567	1.61%	0.622%
34	13.562	1947	1951	1956	rVB2	1099325	1556955	4.13%	1.597%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

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-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.798	1987	1991	1994	rBV	1563383	1434037	3.80%	1.471%
36	13.868	1999	2003	2006	rVV2	945005	1200218	3.18%	1.231%
37	14.409	2092	2095	2099	rBV	493379	462722	1.23%	0.475%
38	15.292	2241	2245	2249	rBV2	461111	611784	1.62%	0.628%

Sum of corrected areas: 97463907

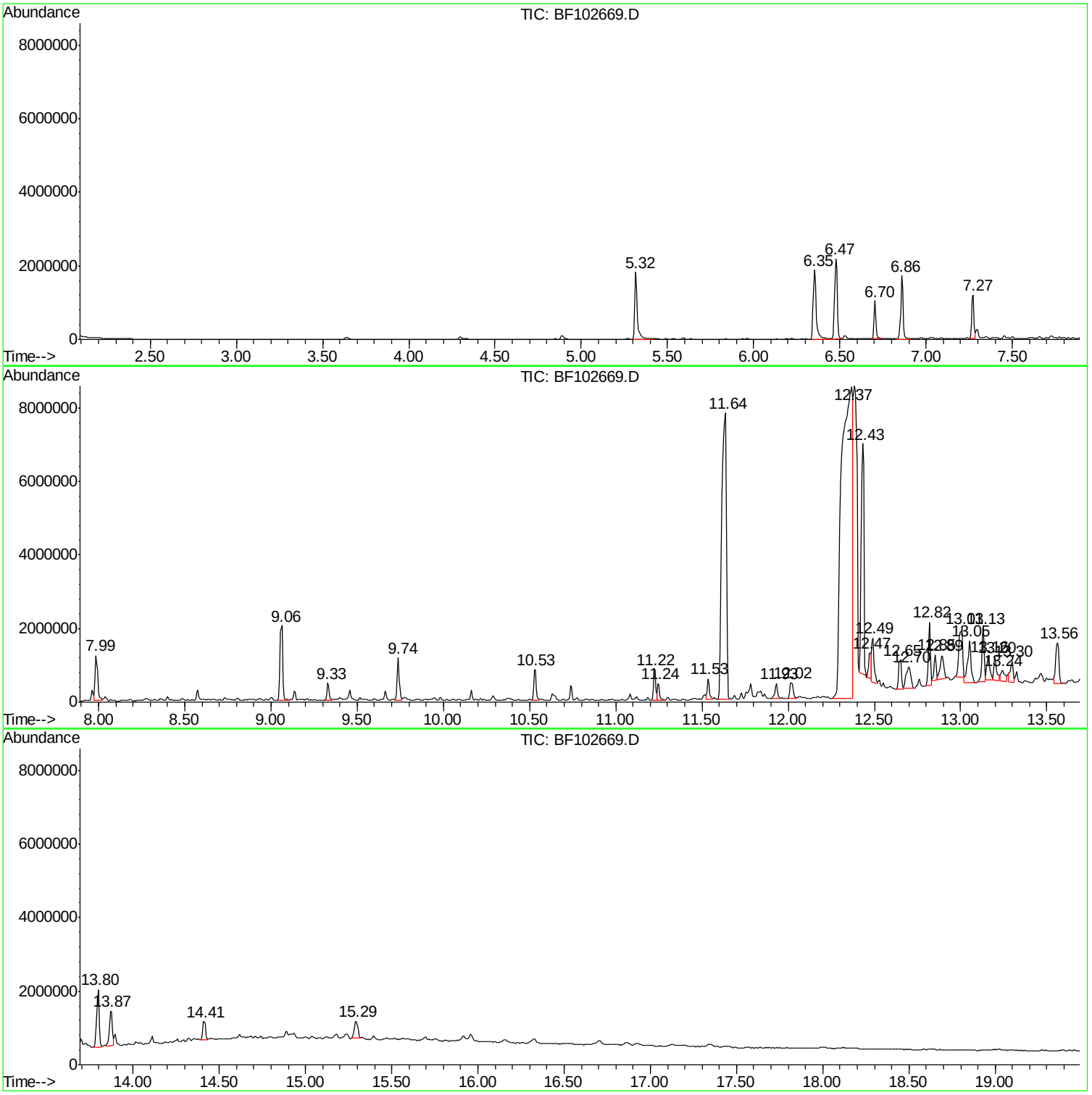
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

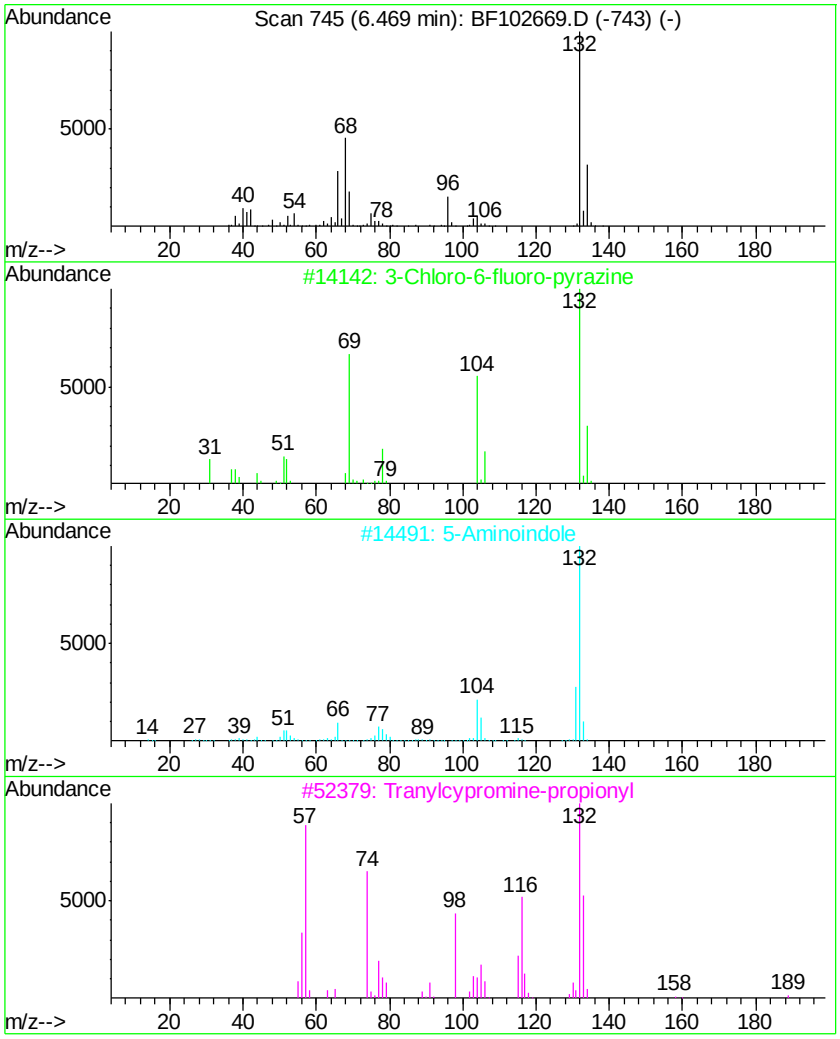
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

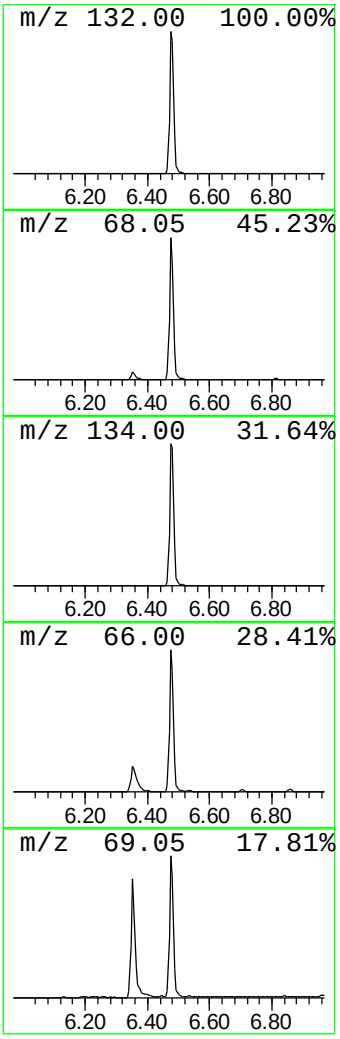
****

Peak Number 1 unknown6.47 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	48.14 ng	2060840	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

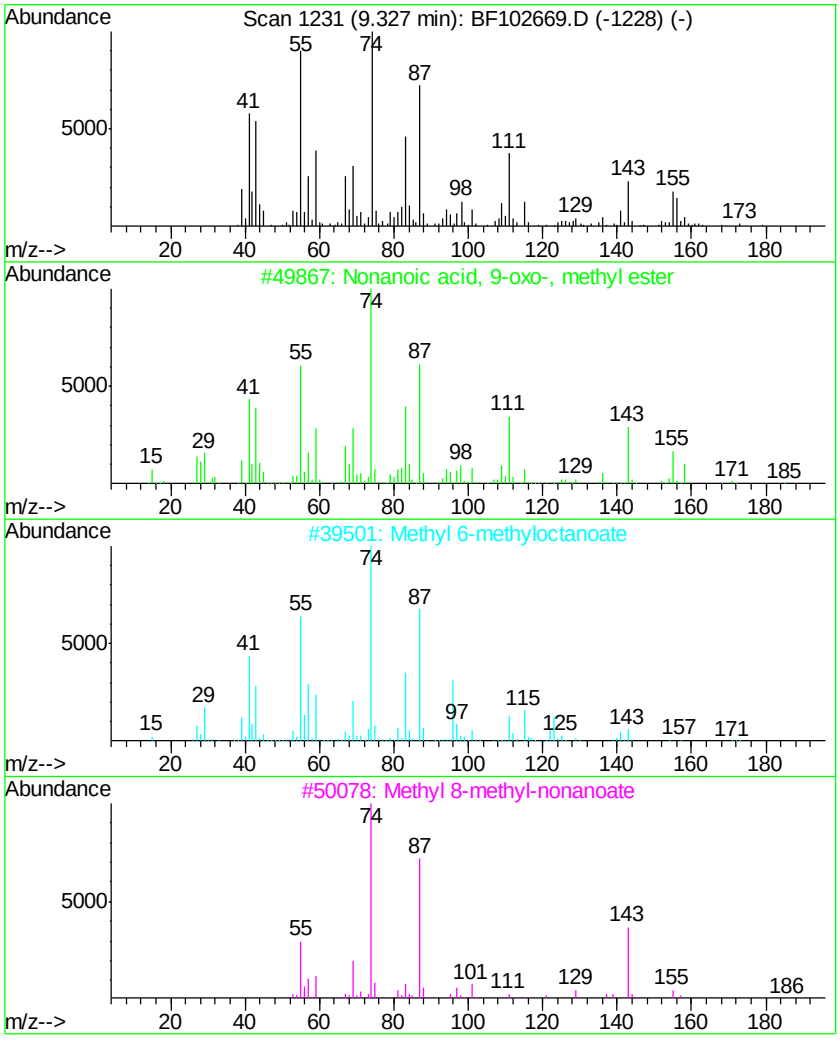
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

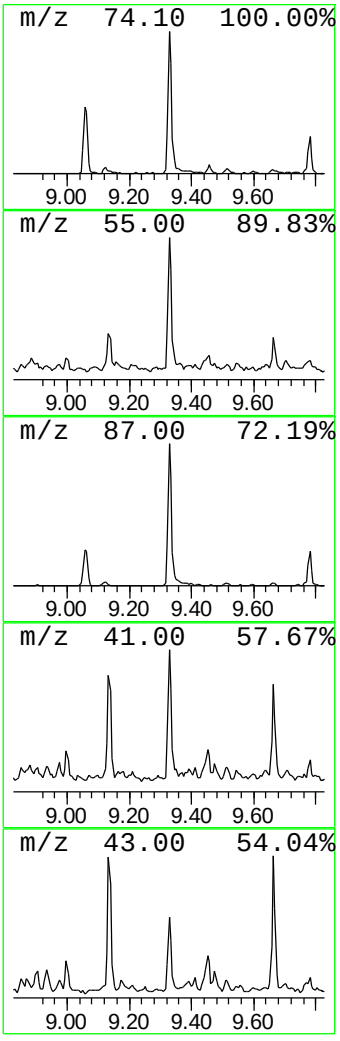
****

Peak Number 3 Nonanoic acid, 9-oxo-, meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	8.60 ng	420358	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid, 9-oxo-, methyl ester	186	C10H18O3	001931-63-1	87
2	Methyl 6-methyloctanoate	172	C10H20O2	005129-62-4	53
3	Methyl 8-methyl-nonanoate	186	C11H22O2	1000336-43-6	43
4	Methyl isovalerate	116	C6H12O2	000556-24-1	42
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

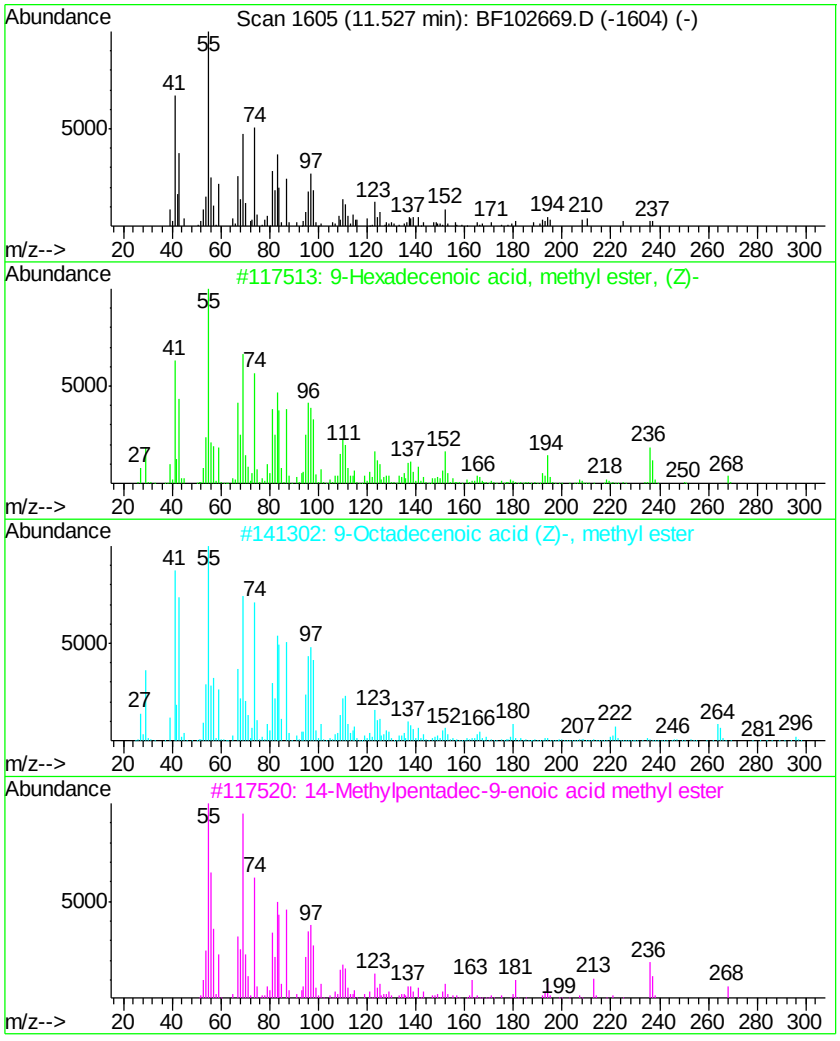
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

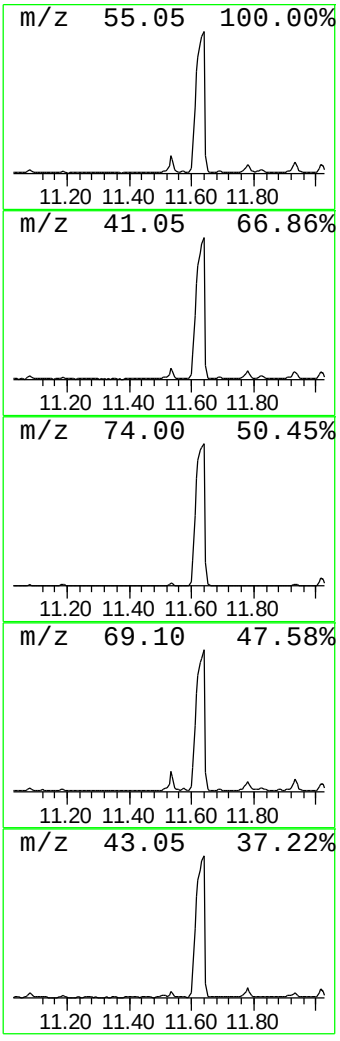
****

Peak Number 4 9-Hexadecenoic acid, methyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	11.79 ng	507688	Phenanthrene-d10	11.23

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	94
3	14-Methylpentadec-9-enoic acid m...	268	C17H32O2	1000365-89-7	94
4	Methyl 11-hexadecenoate	268	C17H32O2	1000336-35-5	91
5	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

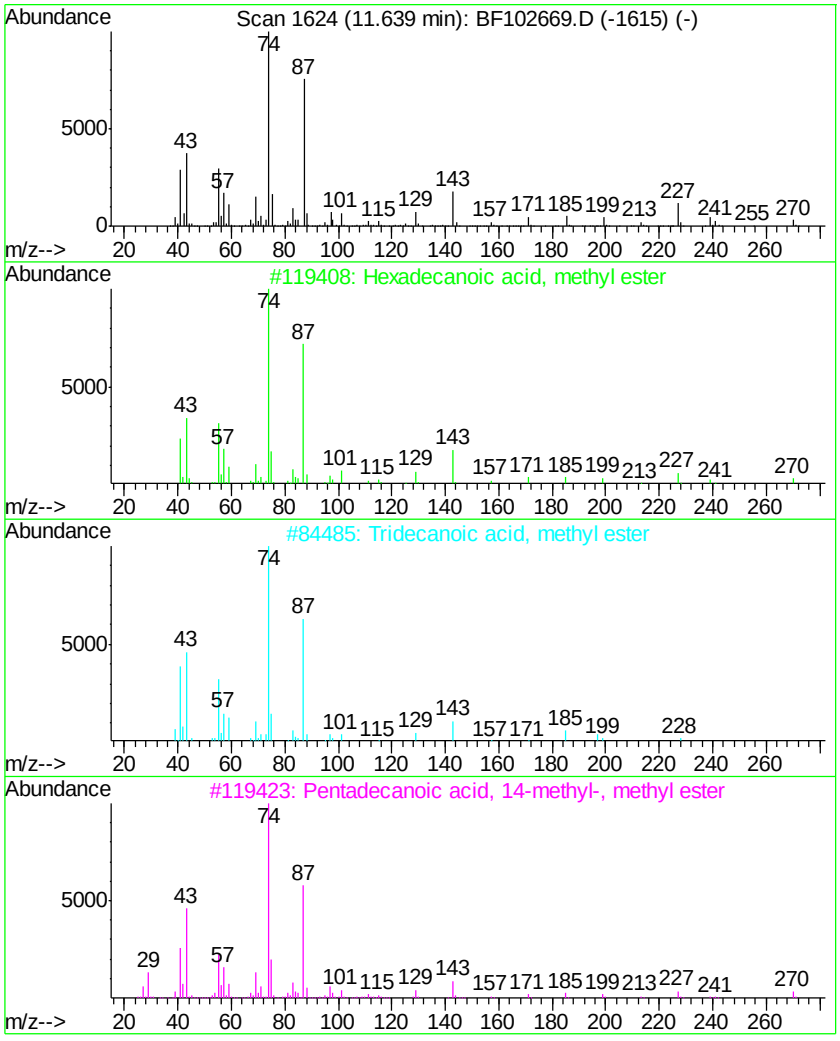
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

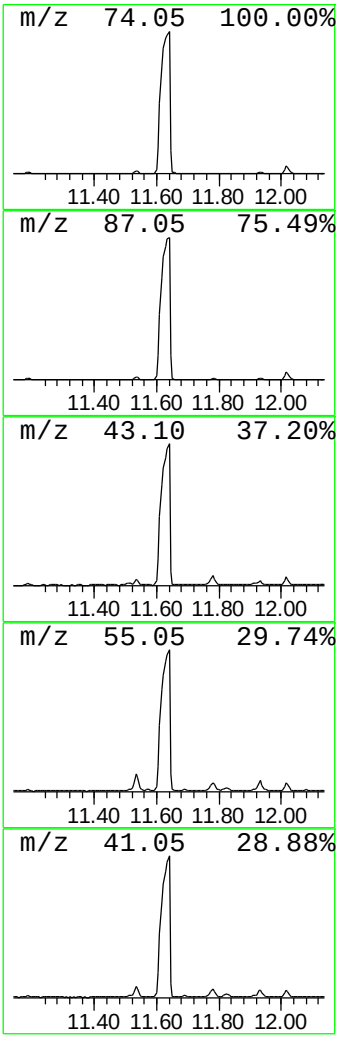
****

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	337.40 ng	14527300	Phenanthrene-d10	11.23

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	96
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

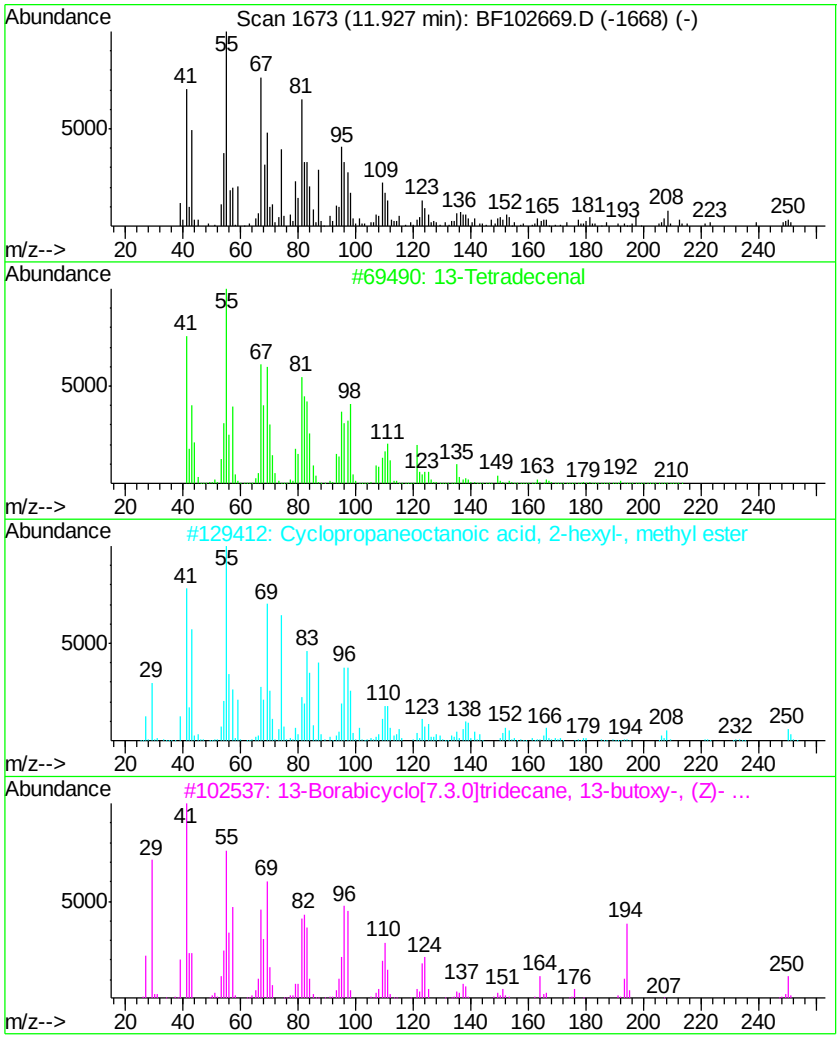
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

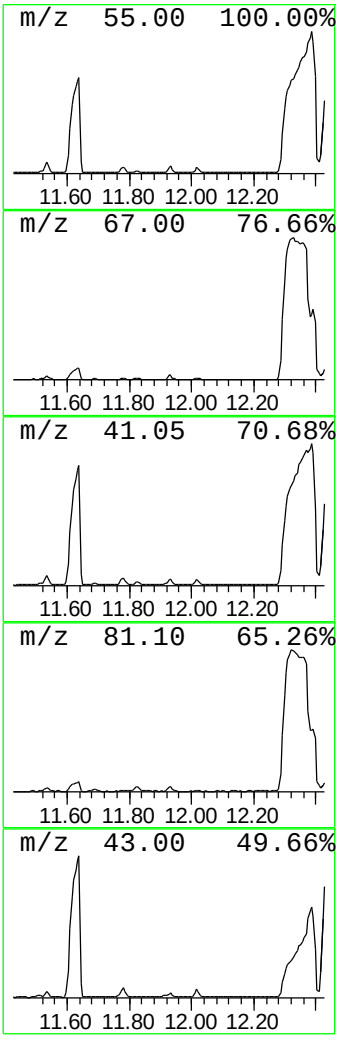
****

Peak Number 6 13-Tetradecenal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	10.62 ng	457283	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecenal	210	C14H26O	085896-31-7	70
2	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	68
3	13-Borabicyclo[7.3.0]tridecane, ...	250	C16H31BO	1000156-41-8	53
4	8-Hexadecenal, 14-methyl-, (Z)-	252	C17H32O	060609-53-2	50
5	1-Cyclohexylnonene	208	C15H28	114614-84-5	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

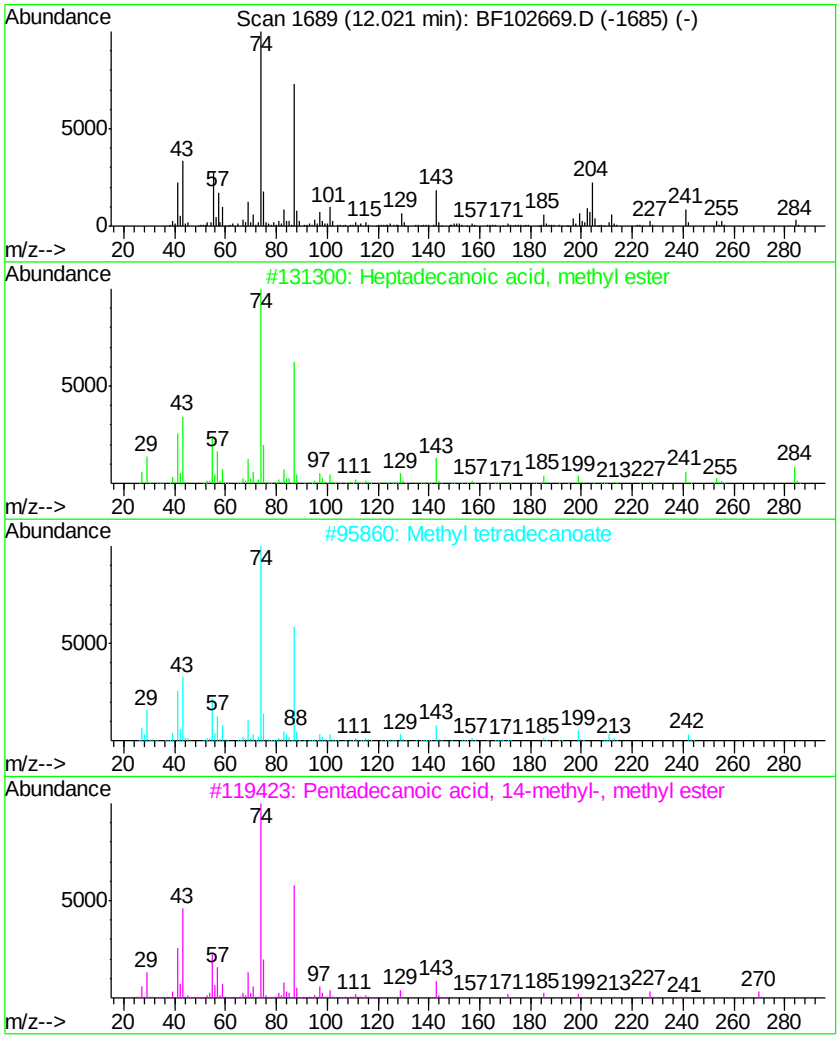
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

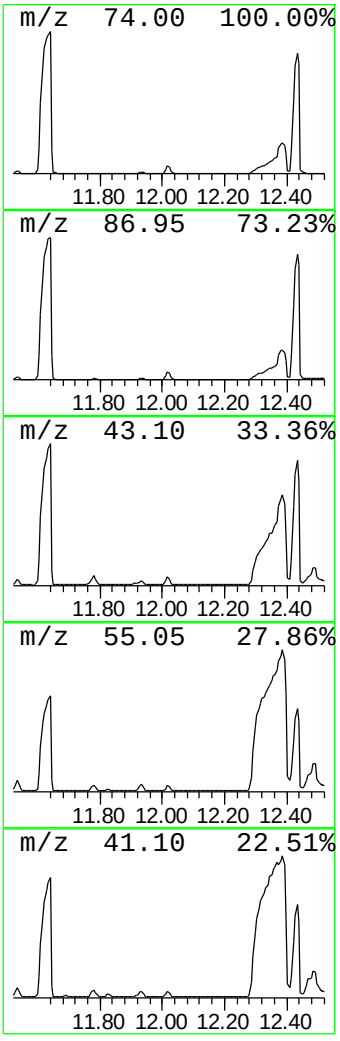
****

Peak Number 7 Heptadecanoic acid, methyl ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	11.43 ng	492102	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	96
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	83
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	83
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

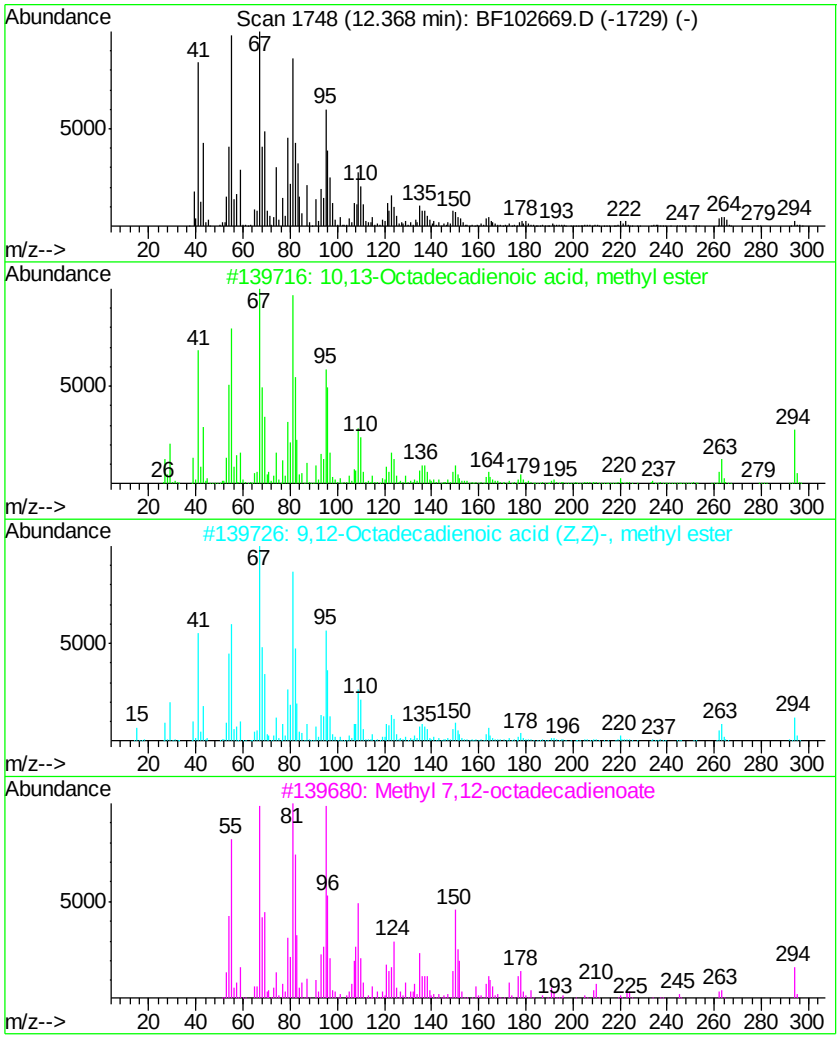
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

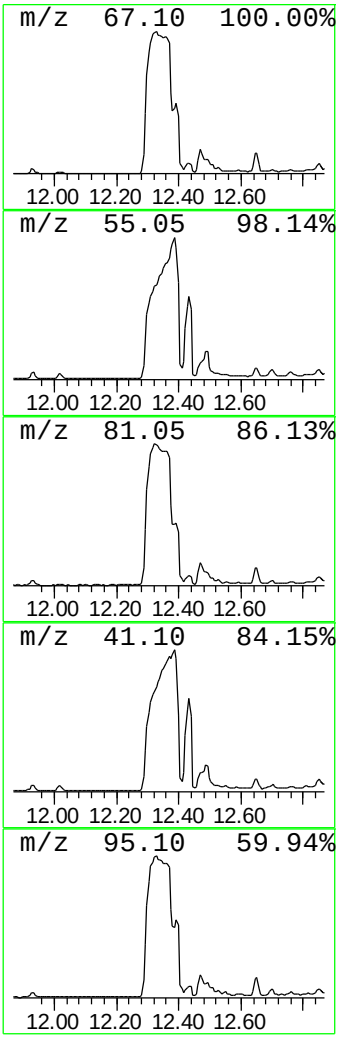
****

Peak Number 8 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	876.37 ng	37733500	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	Methyl 7,12-octadecadienoate	294	C19H34O2	1000336-43-8	97
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97
5	Z,E-2,13-Octadecadien-1-ol	266	C18H34O	1000131-10-3	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

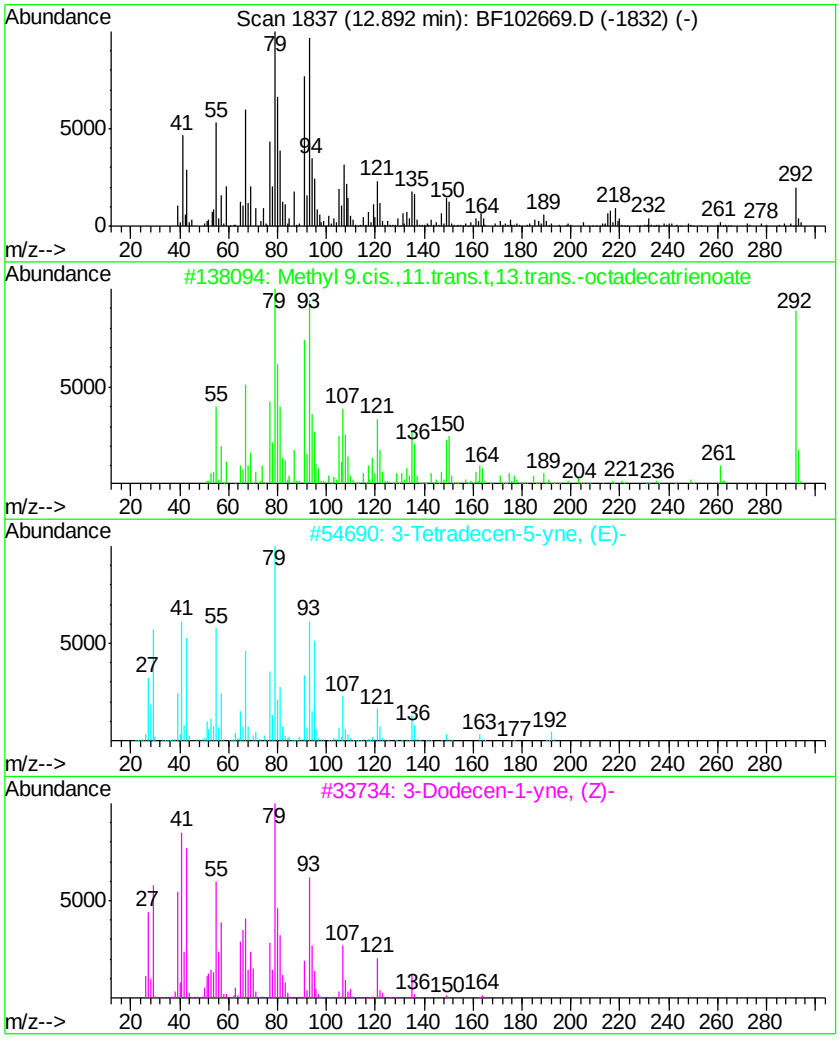
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

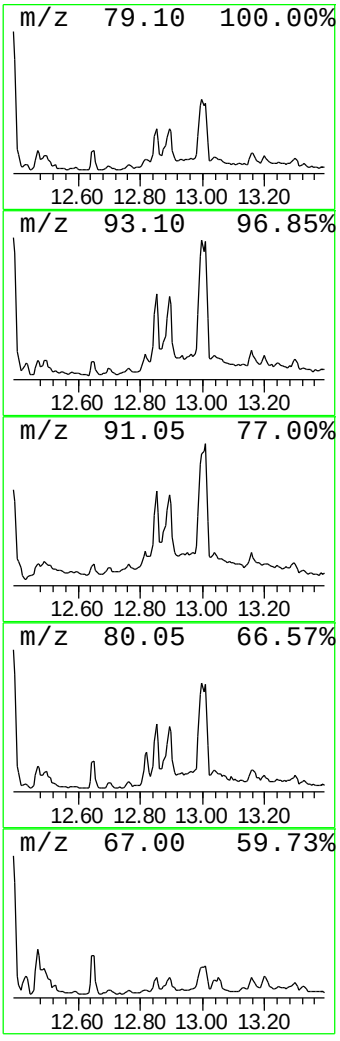
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Methyl 9.cis.,11.trans.t,13... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	14.45 ng	866957	Chrysene-d12	13.87

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	3-Tetradecen-5-yne, (E)-	192	C14H24	074744-44-8	76
3	3-Dodecen-1-yne, (Z)-	164	C12H20	025091-24-1	70
4	4-Hexadecen-6-yne, (E)-	220	C16H28	074744-51-7	64
5	Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

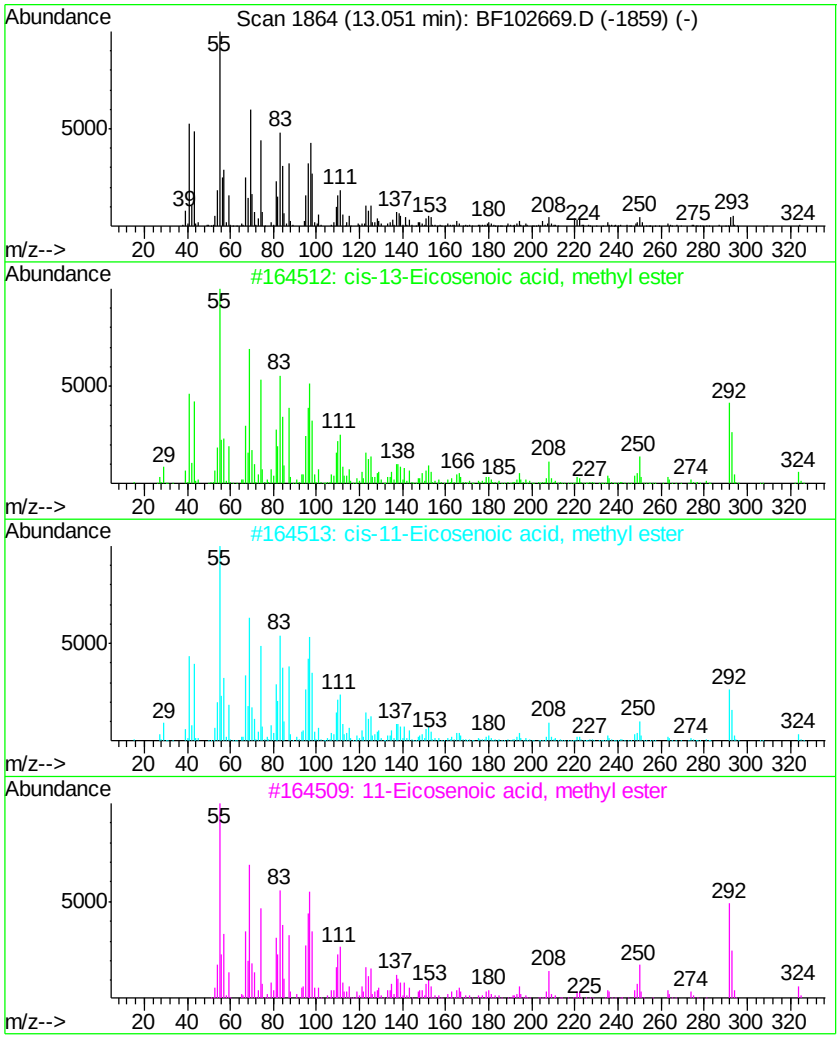
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

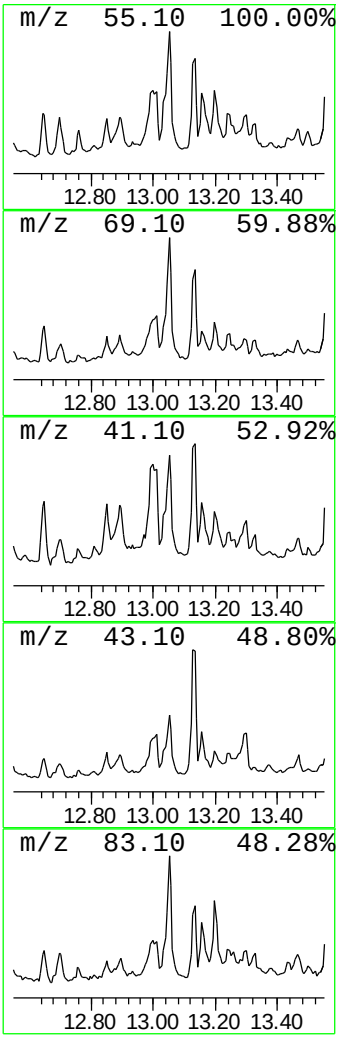
****

Peak Number 11 cis-13-Eicosenoic acid, met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	27.42 ng	1645790	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	99
2	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	99
3	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	90
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

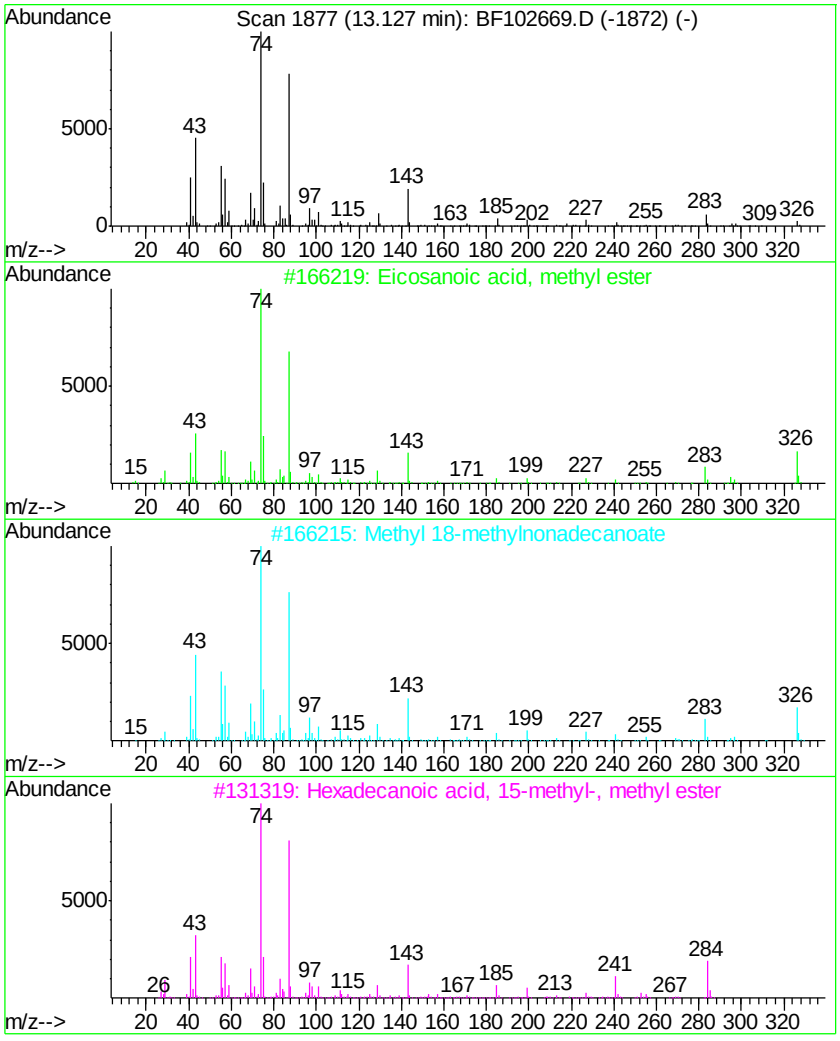
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

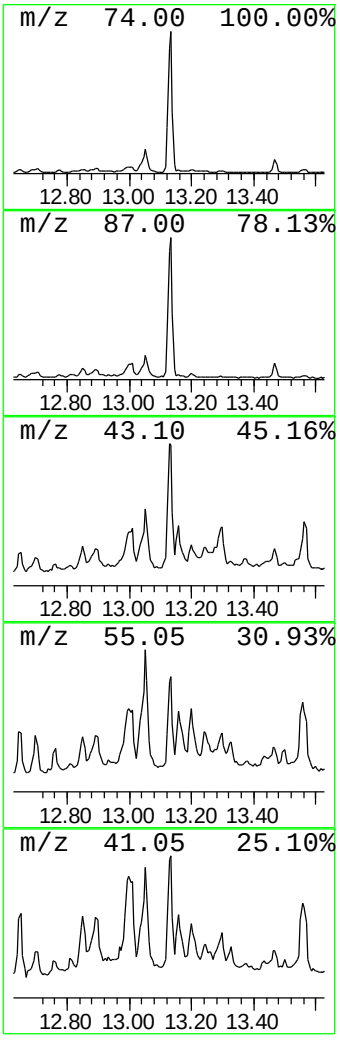
****

Peak Number 12 Eicosanoic acid, methyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	25.52 ng	1531550	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	94
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
4	Methyl stearate	298	C19H38O2	000112-61-8	90
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

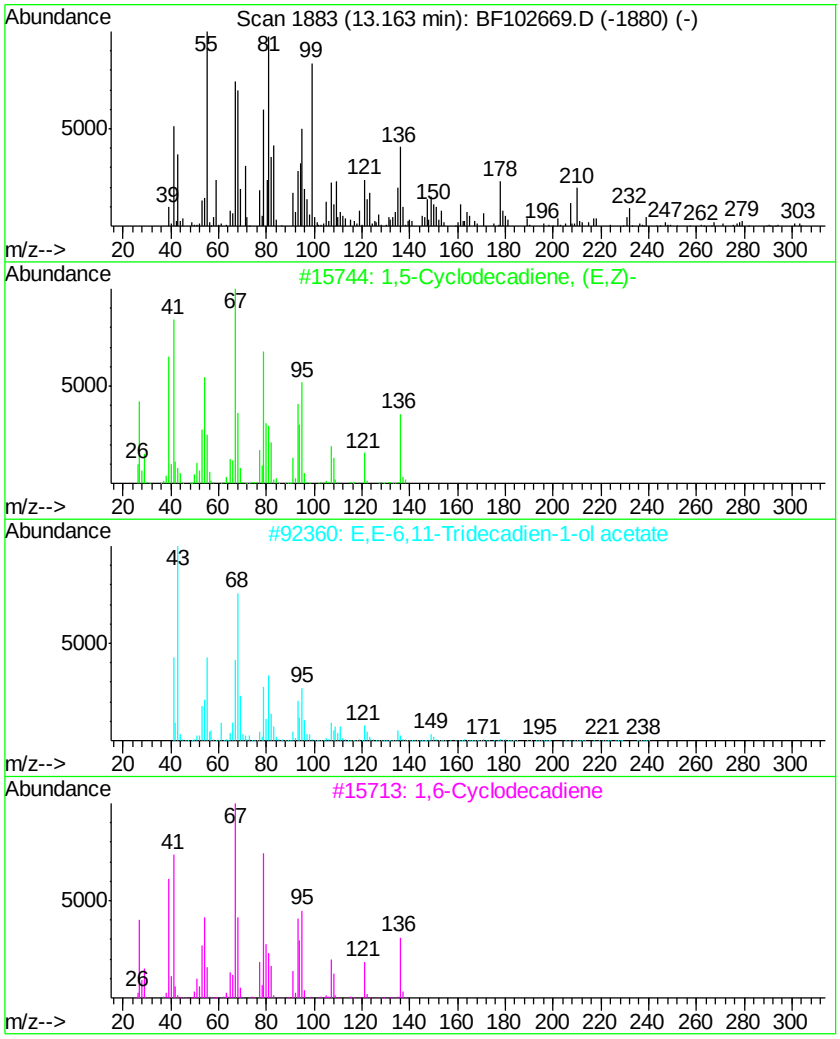
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

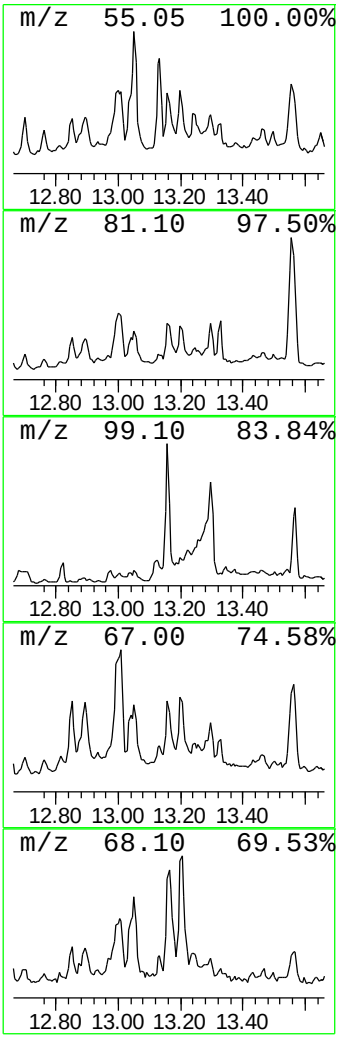
****

Peak Number 13 1,5-Cyclodecadiene, (E,Z)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	11.82 ng	709570	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	50
2	E,E-6,11-Tridecadien-1-ol acetate	238	C15H26O2	1000130-97-2	42
3	1,6-Cyclodecadiene	136	C10H16	007049-13-0	42
4	2H-Pyran-2-one, tetrahydro-6-octyl-	212	C13H24O2	007370-92-5	35
5	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

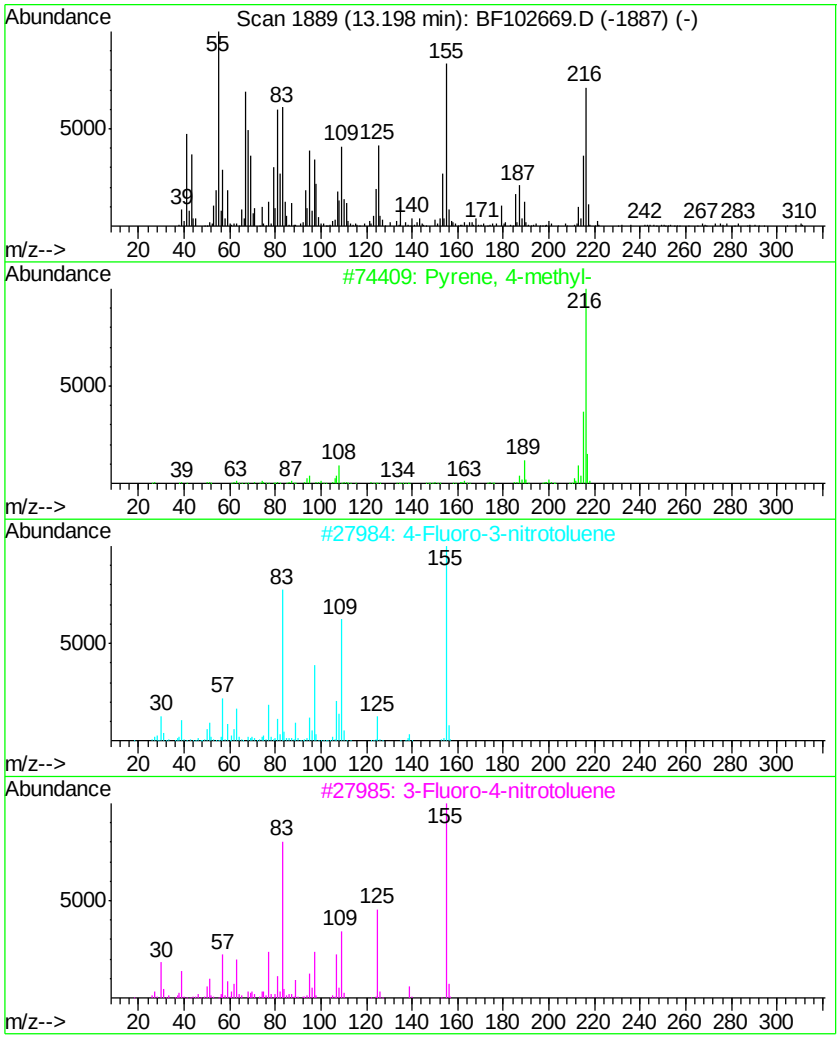
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

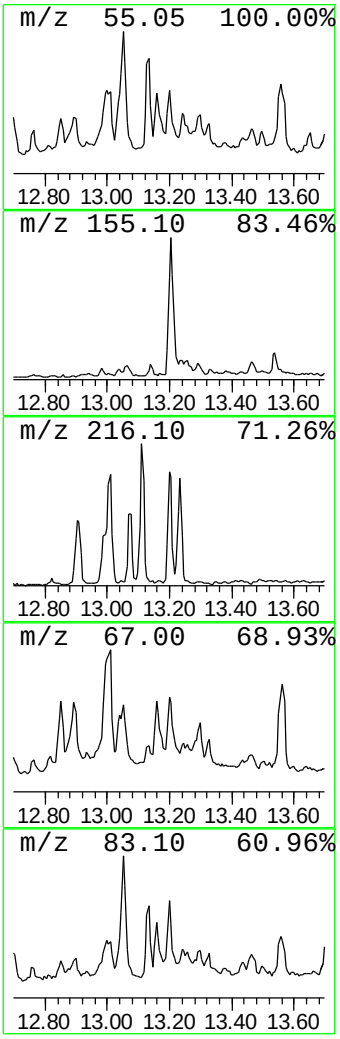
****

Peak Number 14 unknown13.20 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	12.04 ng	722728	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	44
2	4-Fluoro-3-nitrotoluene	155	C7H6FNO2	000446-11-7	41
3	3-Fluoro-4-nitrotoluene	155	C7H6FNO2	000446-34-4	38
4	Benzenethiol, 4-nitro-	155	C6H5NO2S	001849-36-1	35
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

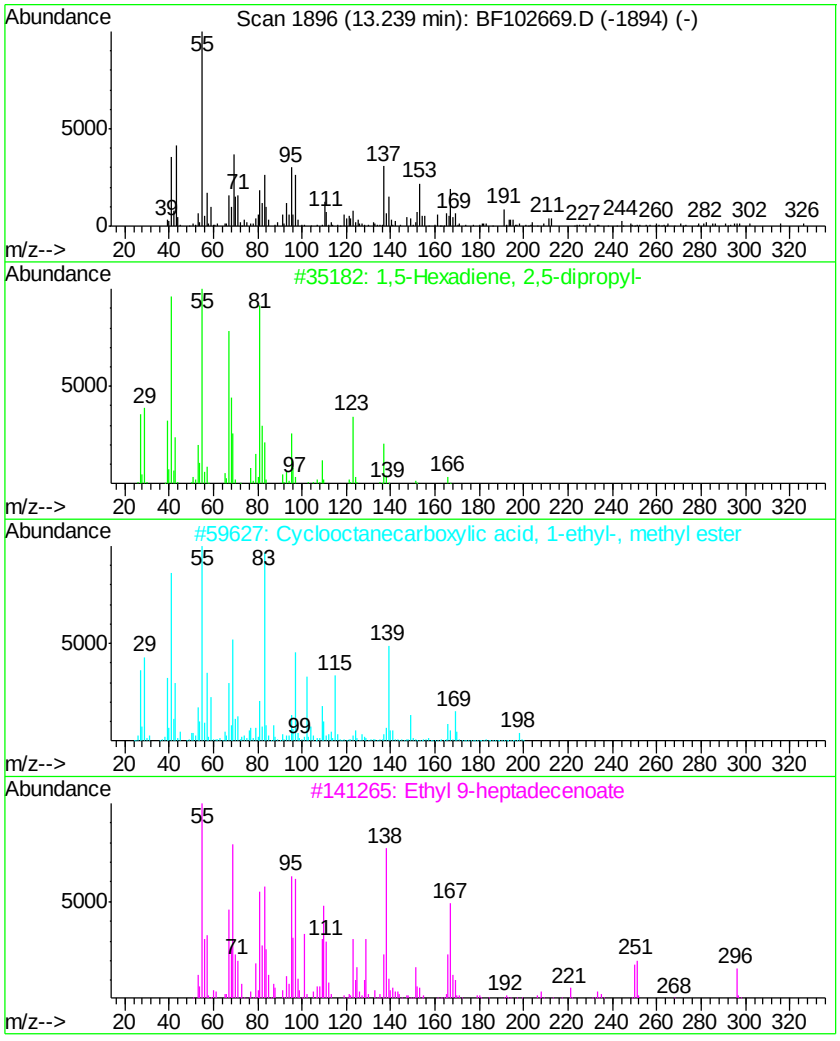
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

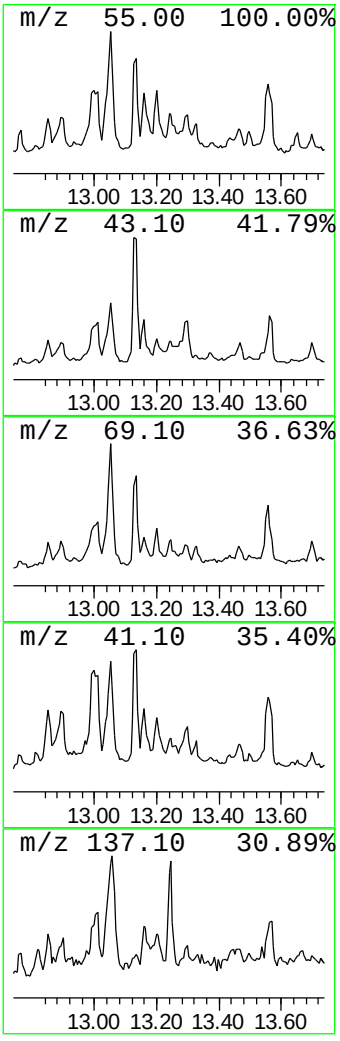
****

Peak Number 15 unknown13.24 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	8.72 ng	523071	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadiene, 2,5-dipropyl-	166	C12H22	1000158-33-4	27
2	Cyclooctanecarboxylic acid, 1-et...	198	C12H22O2	007393-18-2	25
3	Ethyl 9-heptadecenoate	296	C19H36O2	1000336-70-5	25
4	1,19-Eicosadiene	278	C20H38	014811-95-1	22
5	Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

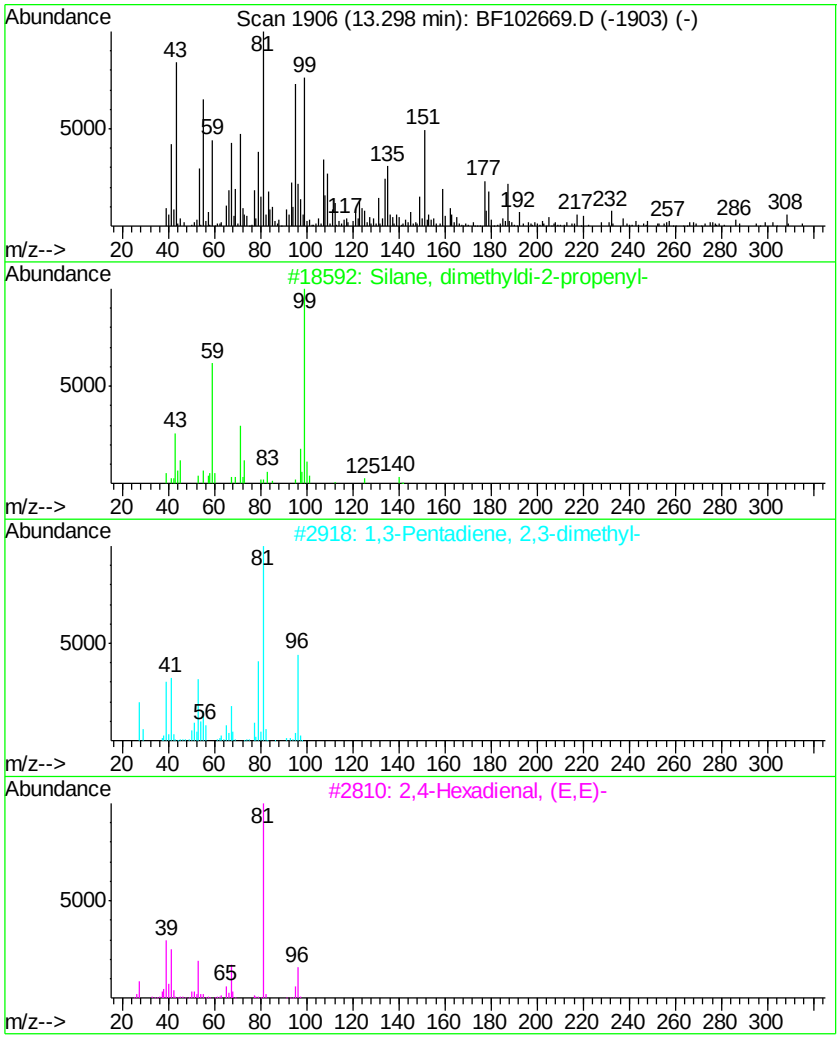
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

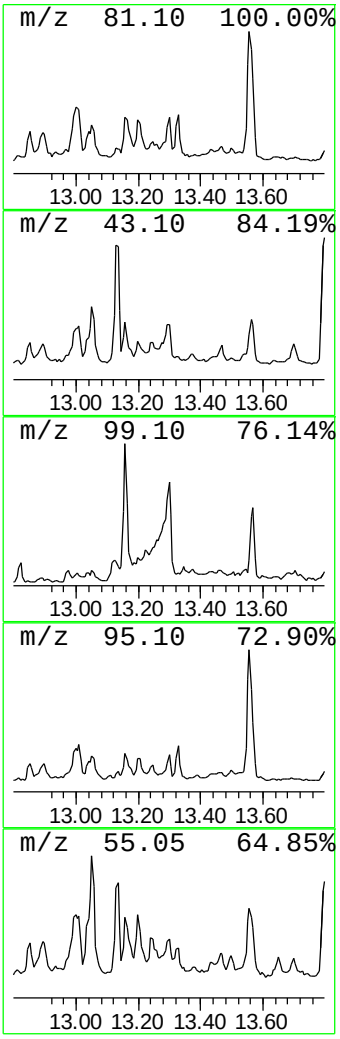
****

Peak Number 16 unknown13.30 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	10.11 ng	606567	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dimethyldi-2-propenyl-	140	C8H16Si	001113-12-8	14
2	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	11
3	2,4-Hexadienal, (E,E)-	96	C6H8O	000142-83-6	11
4	Cyclopropane, 1-chloro-2-ethenyl...	116	C6H9Cl	062337-93-3	11
5	2,5,9-Tetradecatriene, 3,12-diet...	248	C18H32	074685-87-3	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

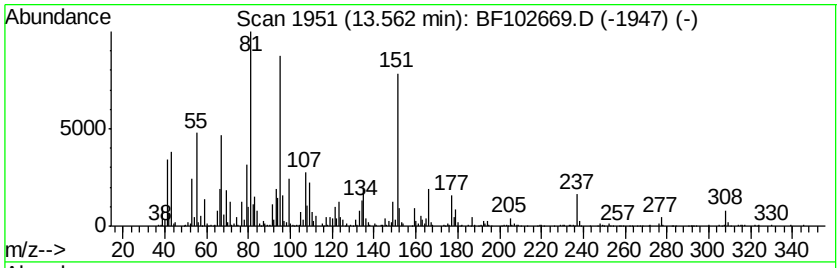
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

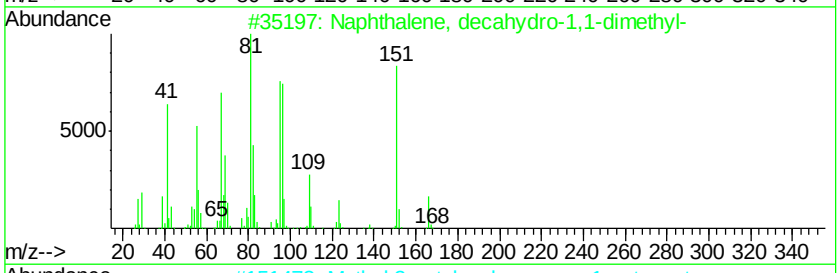
****

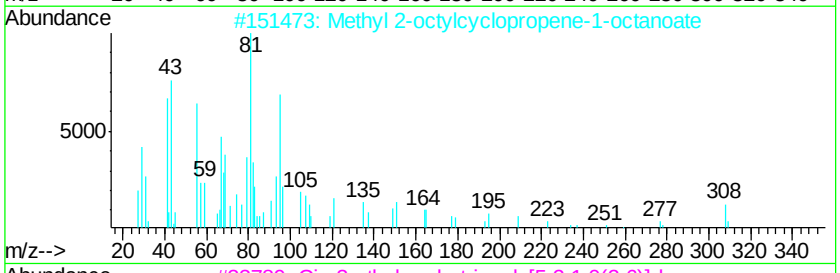
Peak Number 17 unknown13.56 Concentration Rank 7

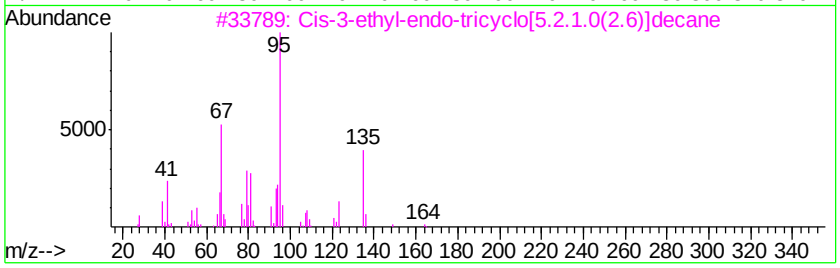
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	25.94 ng	1556960	Chrysene-d12	13.87

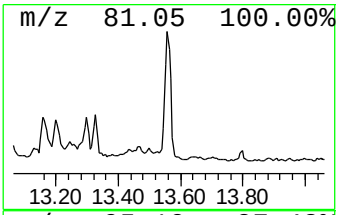
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	45
2	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	20
3	Cis-3-ethyl-endo-tricyclo[5.2.1....	164	C12H20	1000215-29-1	18
4	2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	18
5	Tricyclo[5.2.1.0(2,6)]dec-8-ene-...	262	C15H18O4	1000150-64-5	15

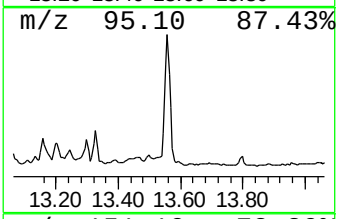


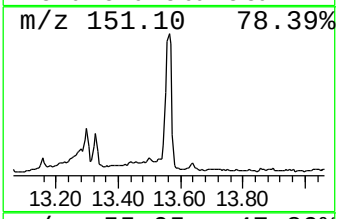


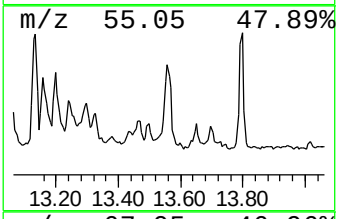


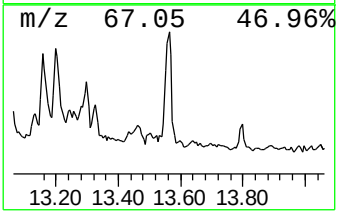












Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

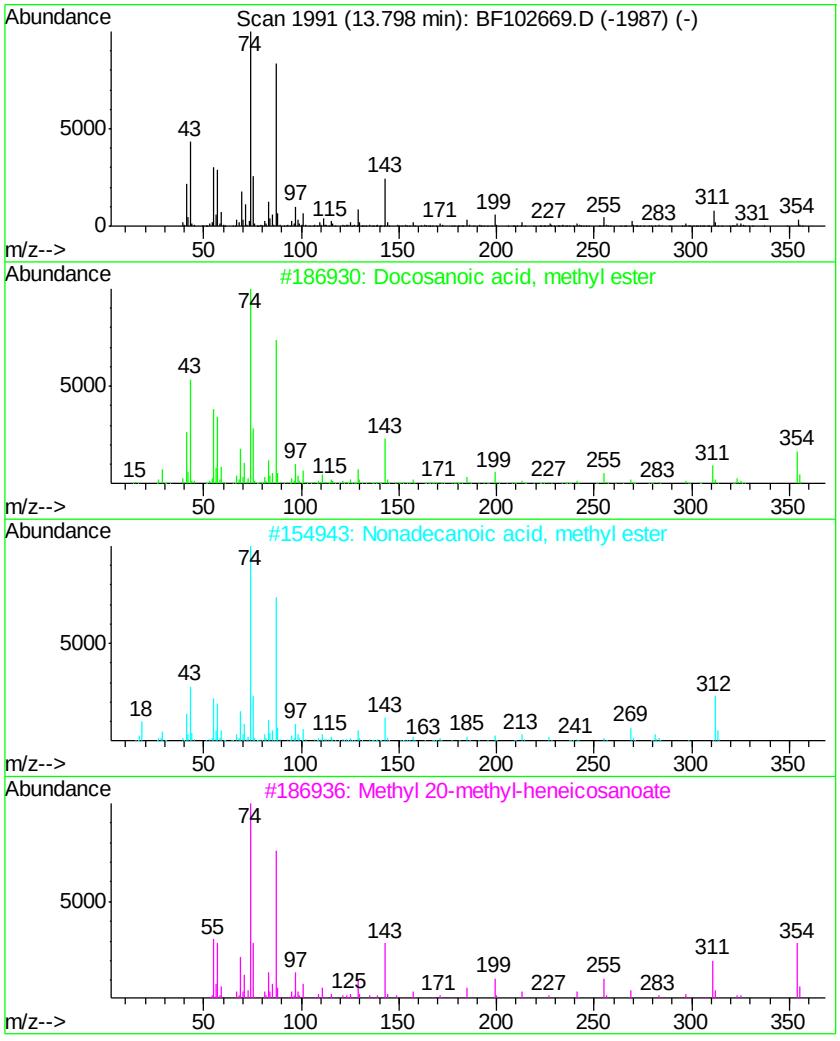
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

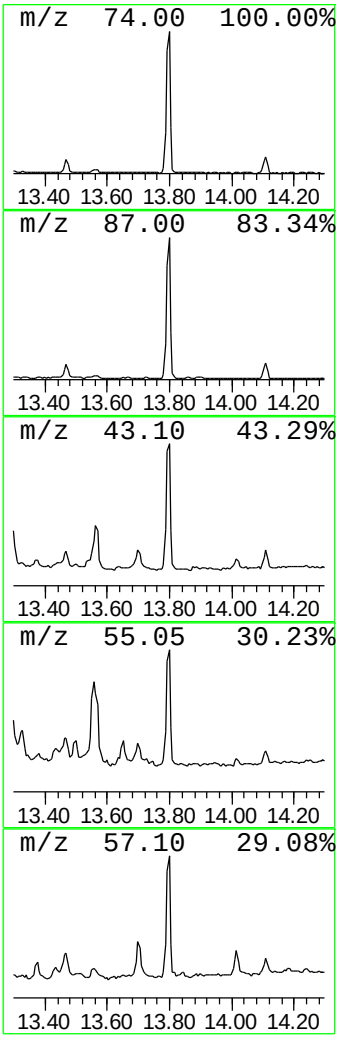
****

Peak Number 18 Docosanoic acid, methyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	23.90 ng	1434040	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	95
3	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	91
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

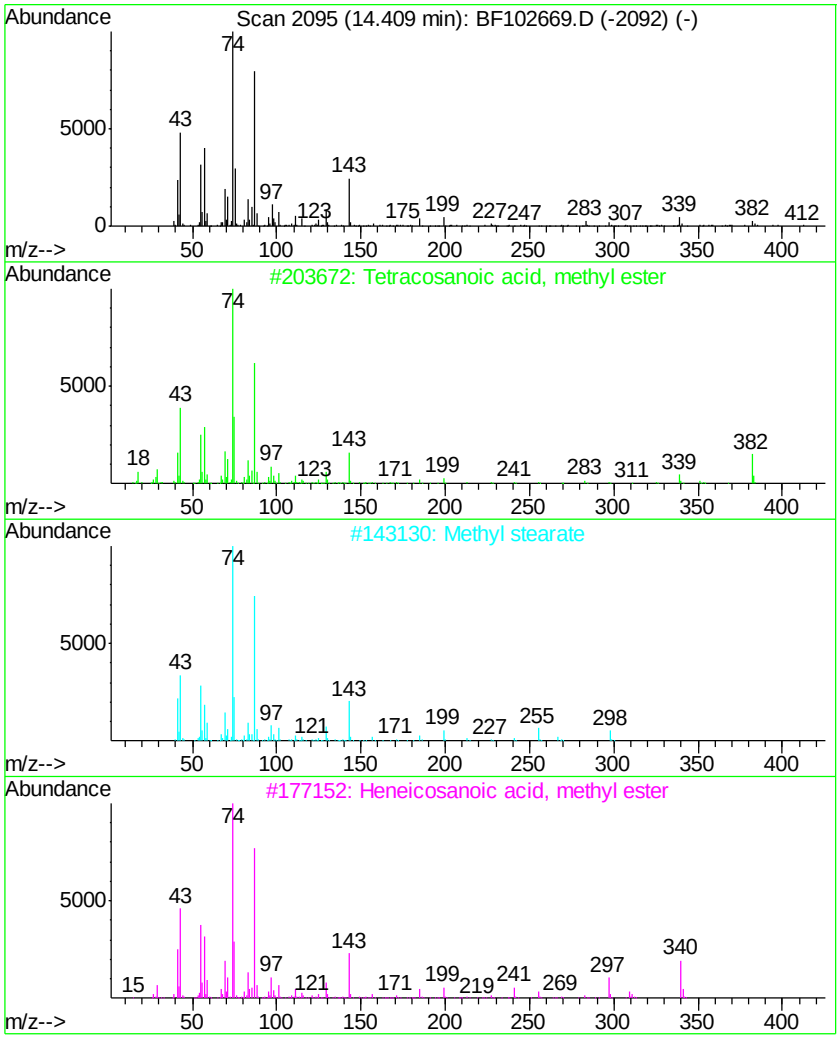
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

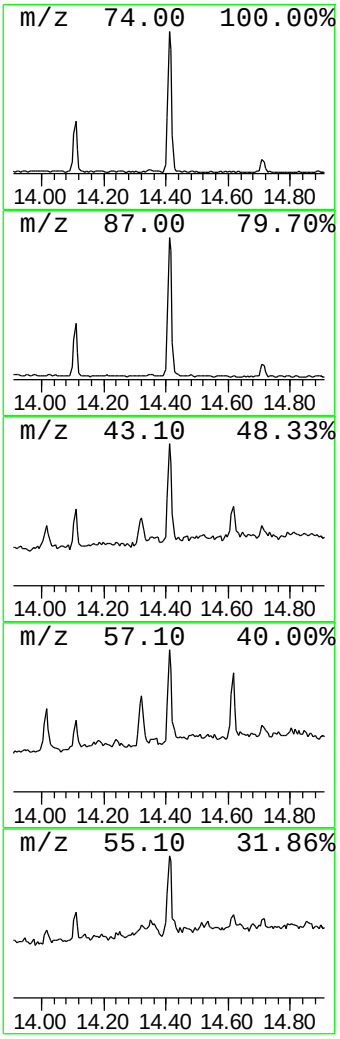
****

Peak Number 19 Tetracosanoic acid, methyl ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	7.71 ng	462722	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	99
2	Methyl stearate	298	C19H38O2	000112-61-8	93
3	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	90
4	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
5	Hexacosanoic acid, methyl ester	410	C27H54O2	005802-82-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
unknown6.47	6.47	48.1	ng	2060840	1	6.70	856169	20.0
Nonanoic acid, 9-...	9.33	8.6	ng	420358	3	9.74	977529	20.0
9-Hexadecenoic ac...	11.53	11.8	ng	507688	4	11.23	861129	20.0
Hexadecanoic acid...	11.64	337.4	ng	14527300	4	11.23	861129	20.0
13-Tetradecenal	11.93	10.6	ng	457283	4	11.23	861129	20.0
Heptadecanoic aci...	12.02	11.4	ng	492102	4	11.23	861129	20.0
10,13-Octadecadie...	12.37	876.4	ng	37733500	4	11.23	861129	20.0
Methyl 9.cis.,11....	12.89	14.4	ng	866957	5	13.87	1200220	20.0
cis-13-Eicosenoic...	13.05	27.4	ng	1645790	5	13.87	1200220	20.0
Eicosanoic acid, ...	13.13	25.5	ng	1531550	5	13.87	1200220	20.0
1,5-Cyclodecadien...	13.16	11.8	ng	709570	5	13.87	1200220	20.0
unknown13.20	13.20	12.0	ng	722728	5	13.87	1200220	20.0
unknown13.24	13.24	8.7	ng	523071	5	13.87	1200220	20.0
unknown13.30	13.30	10.1	ng	606567	5	13.87	1200220	20.0
unknown13.56	13.56	25.9	ng	1556960	5	13.87	1200220	20.0
Docosanoic acid, ...	13.80	23.9	ng	1434040	5	13.87	1200220	20.0
Tetracosanoic aci...	14.41	7.7	ng	462722	5	13.87	1200220	20.0