LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104110.D
Acq On : 30 Mar 2018 23:06
Operator : JU/SJ
Sample : J2112-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-COMP

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-BF032818.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	2.275	28	32	43	rVB	46332	64186	2.38%	0.319%
2	5.187	523	527	535	rBV	37103	49774	1.84%	0.247%
3	5.587	592	595	628	rBV	702064	1208838	44.74%	6.006%
4	6.587	762	765	786	rBV	702548	1269361	46.98%	6.307%
5	6.728	786	789	820	rVB	1099449	1523311	56.37%	7.569%
6	6.957	825	828	850	rVV	397328	634780	23.49%	3.154%
7	7.110	850	854	876	rVV	965502	1064125	39.38%	5.287%
8	7.522	921	924	948	rBV	450264	848289	31.39%	4.215%
9	8.239	1042	1046	1077	rBV	641164	913014	33.79%	4.536%
10	9.310	1224	1228	1237	rBV	1214609	1388004	51.37%	6.896%
11	9.375	1237	1239	1244	rVB	38748	43283	1.60%	0.215%
12	9.698	1289	1294	1301	rVB	75238	93766	3.47%	0.466%
13	9.904	1325	1329	1332	rVB	45863	35210	1.30%	0.175%
14	9.992	1341	1344	1357	rBV	775890	885478	32.77%	4.400%
15	10.404	1411	1414	1417	rVB	53920	40400	1.50%	0.201%
16	10.786	1476	1479	1492	rBV	611610	831419	30.77%	4.131%
17	10.874	1492	1494	1505	rVB	45923	76871	2.84%	0.382%
18	11.492	1595	1599	1610	rBV	609198	818776	30.30%	4.068%
19	11.857	1658	1661	1669	rBV	840799	700803	25.94%	3.482%
20	11.998	1682	1685	1688	rBV2	43134	56421	2.09%	0.280%
21	12.551	1775	1779	1781	rBV	2564629	2702135	100.00%	13.426%
22	12.568	1781	1782	1789	rVV2	1982516	1533744	56.76%	7.620%
23	12.651	1793	1796	1801	rVV	411291	350219	12.96%	1.740%
24	12.710	1803	1806	1813	rVV	81502	101065	3.74%	0.502%
25	12.939	1840	1845	1852	rBV	77833	115818	4.29%	0.575%
26	13.074	1864	1868	1878	rBV	1016337	1111446	41.13%	5.522%
27	13.268	1893	1901	1905	rBV7	30505	85271	3.16%	0.424%
28	13.374	1916	1919	1922	rVB	36560	36516	1.35%	0.181%
29	13.451	1929	1932	1937	rBV4	30390	52295	1.94%	0.260%
30	13.951	2014	2017	2023	rBV	102303	120251	4.45%	0.597%
31	14.045	2031	2033	2038	rBV2	31587	48872	1.81%	0.243%
32	14.145	2045	2050	2059	rBV	564010	795932	29.46%	3.955%
33	15.680	2307	2311	2322	rVB2	315500	527060	19.51%	2.619%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104110.D
Acq On : 30 Mar 2018 23:06
Operator : JU/SJ
Sample : J2112-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-COMP

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-BF032818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 20126733

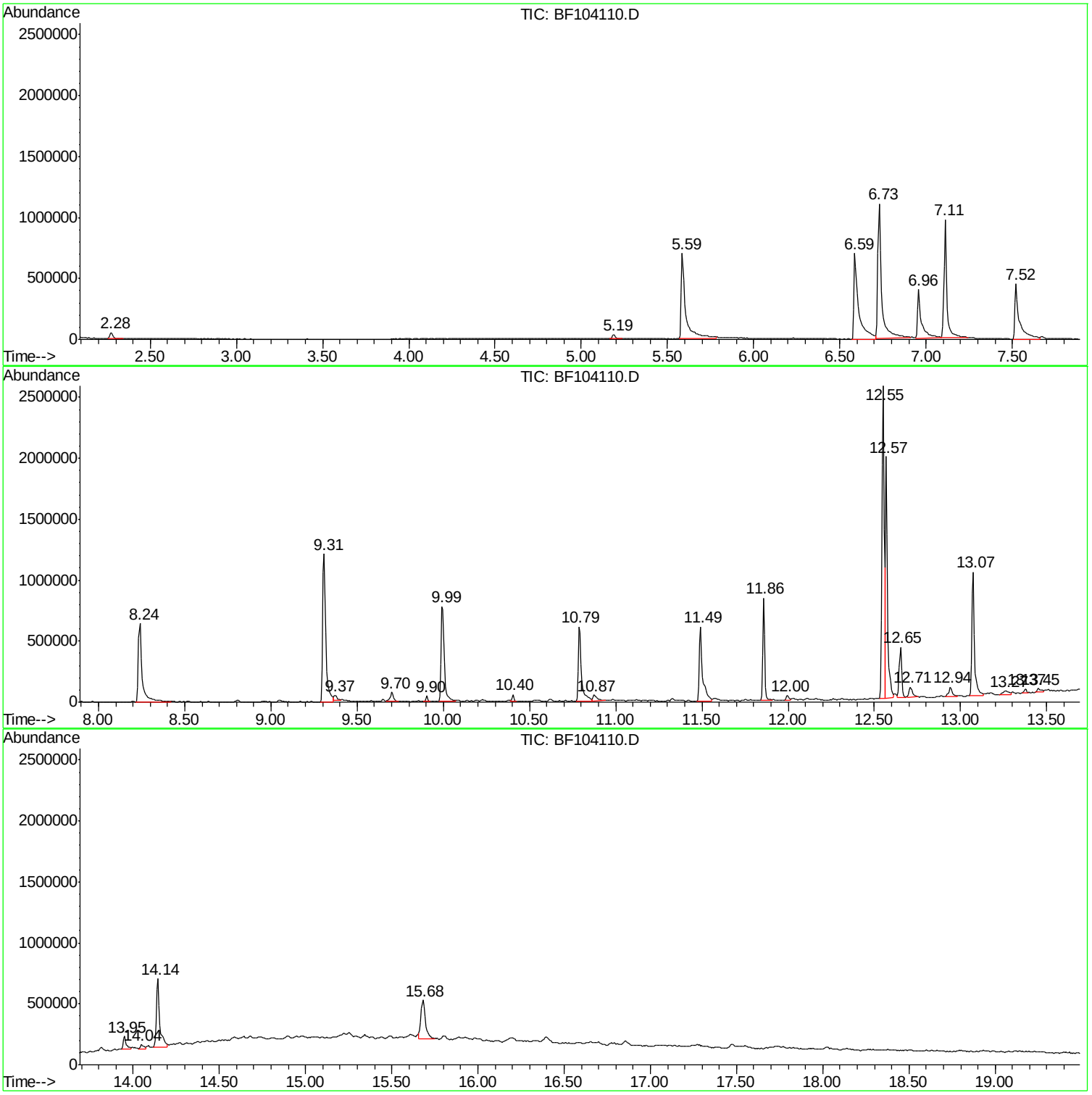
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104110.D
Acq On : 30 Mar 2018 23:06
Operator : JU/SJ
Sample : J2112-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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\BF033018\
Data File : BF104110.D
Acq On : 30 Mar 2018 23:06
Operator : JU/SJ
Sample : J2112-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

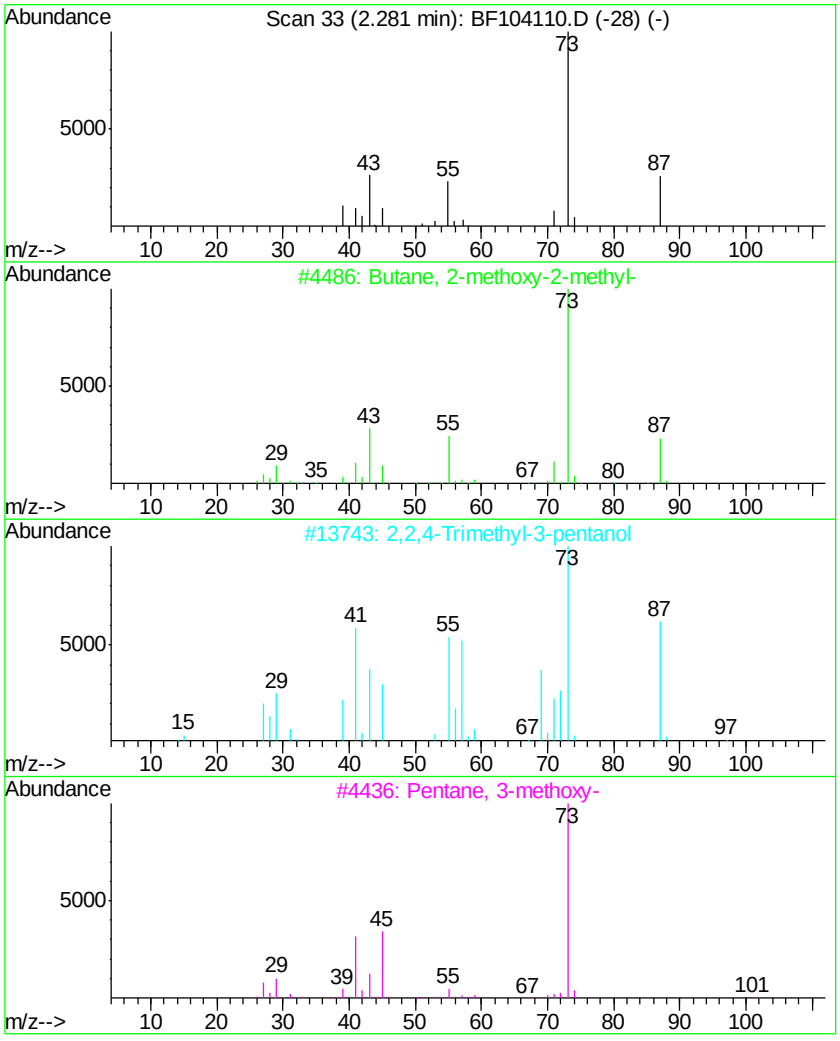
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

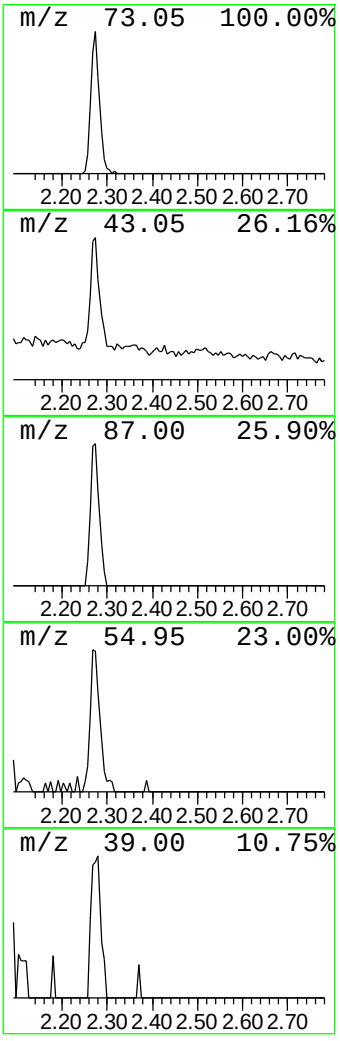
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.28	2.02 ng	64186	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104110.D
Acq On : 30 Mar 2018 23:06
Operator : JU/SJ
Sample : J2112-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

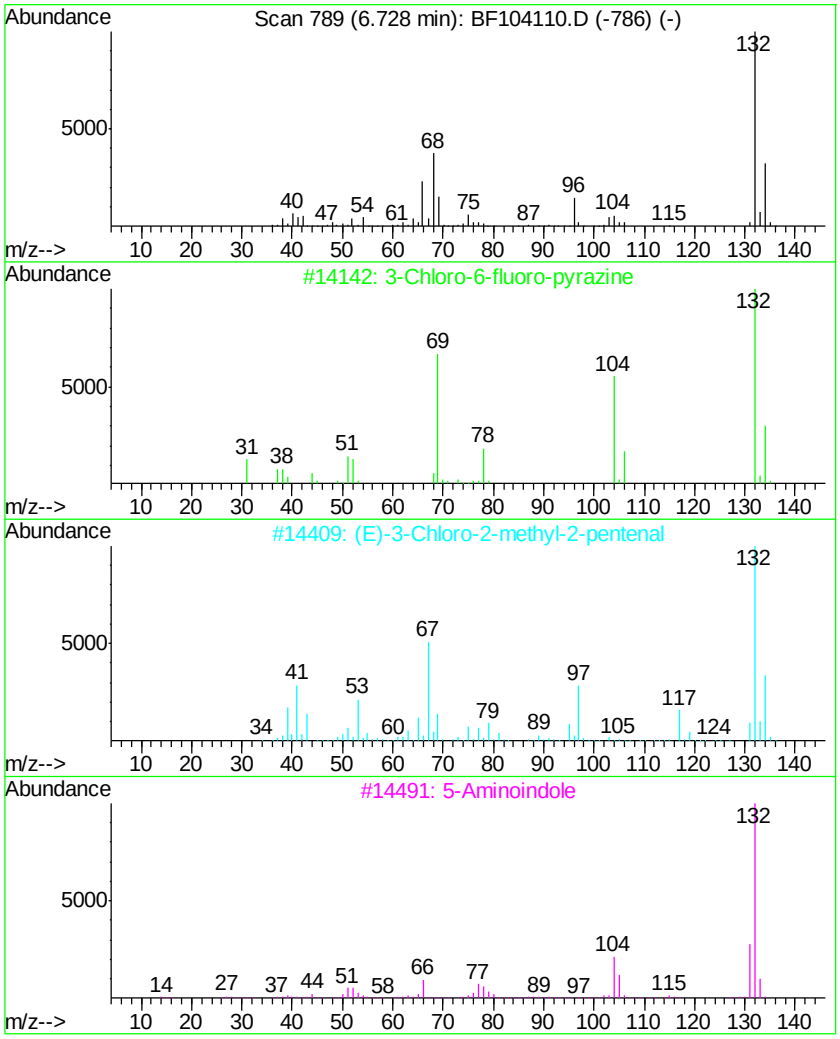
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

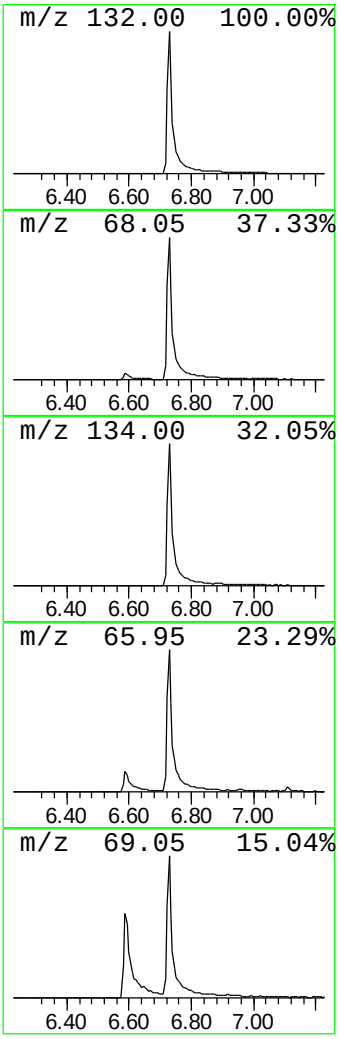
****

Peak Number 2 unknown6.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	47.99 ng	1523310	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104110.D
Acq On : 30 Mar 2018 23:06
Operator : JU/SJ
Sample : J2112-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

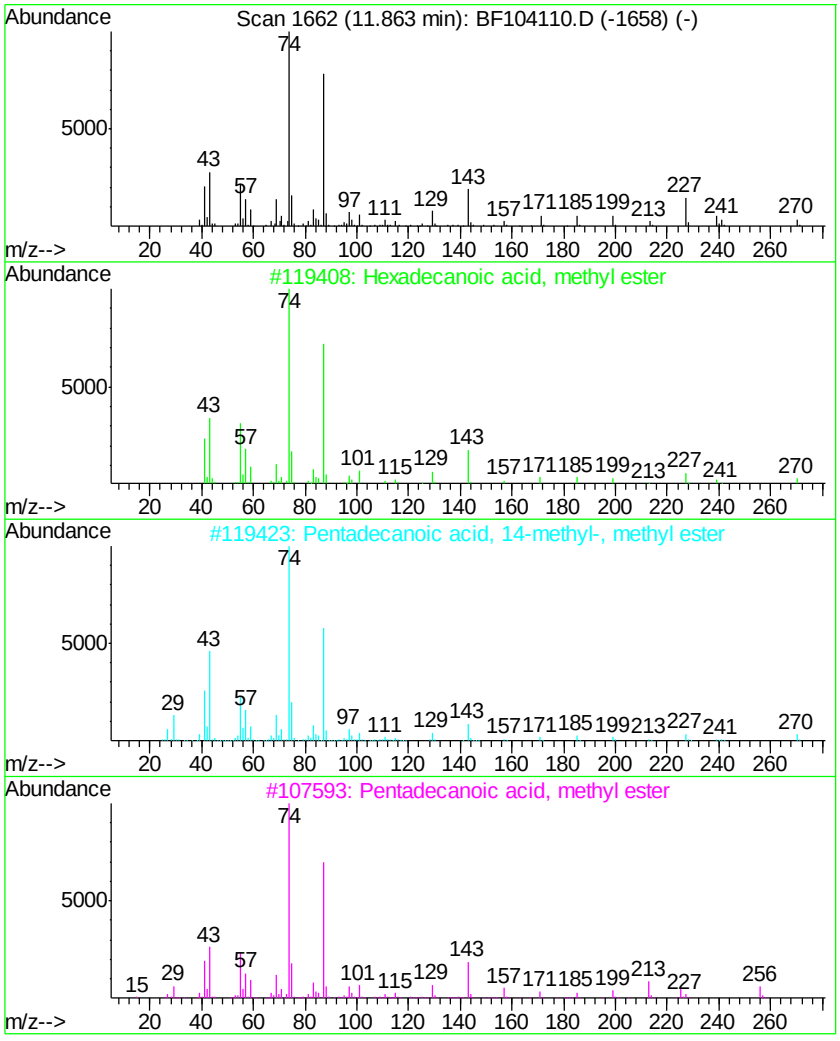
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

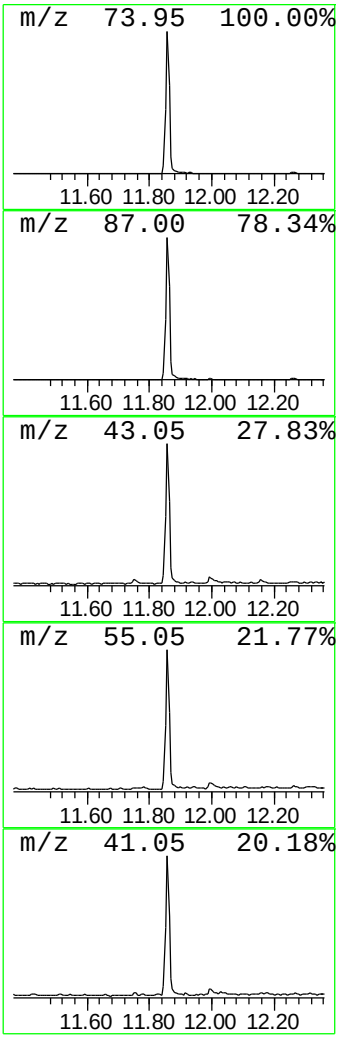
****

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	17.12 ng	700803	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104110.D
Acq On : 30 Mar 2018 23:06
Operator : JU/SJ
Sample : J2112-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

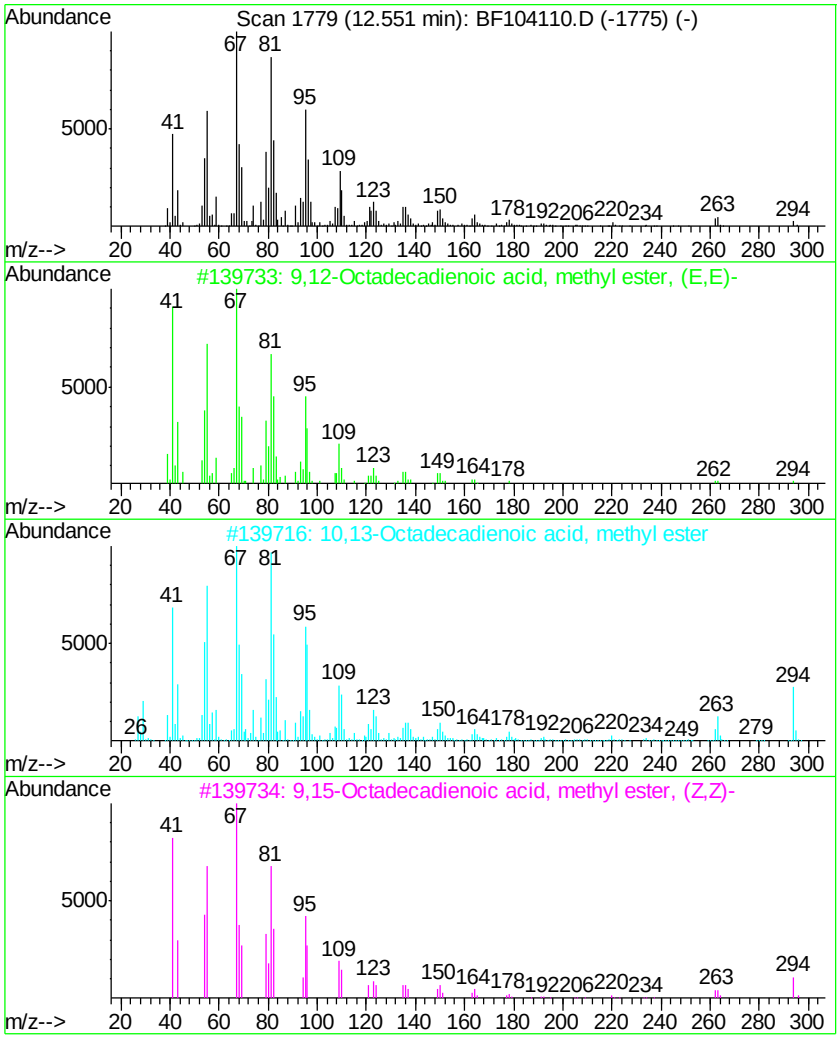
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

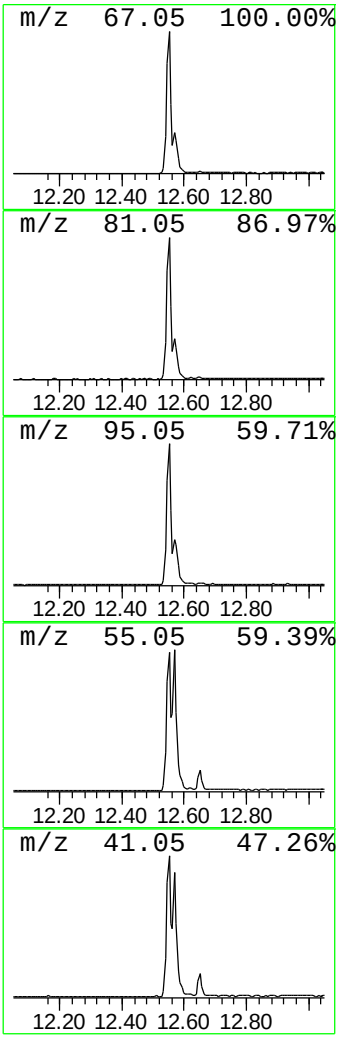
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	66.00 ng	2702140	Phenanthrene-d10	11.49

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





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104110.D
Acq On : 30 Mar 2018 23:06
Operator : JU/SJ
Sample : J2112-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

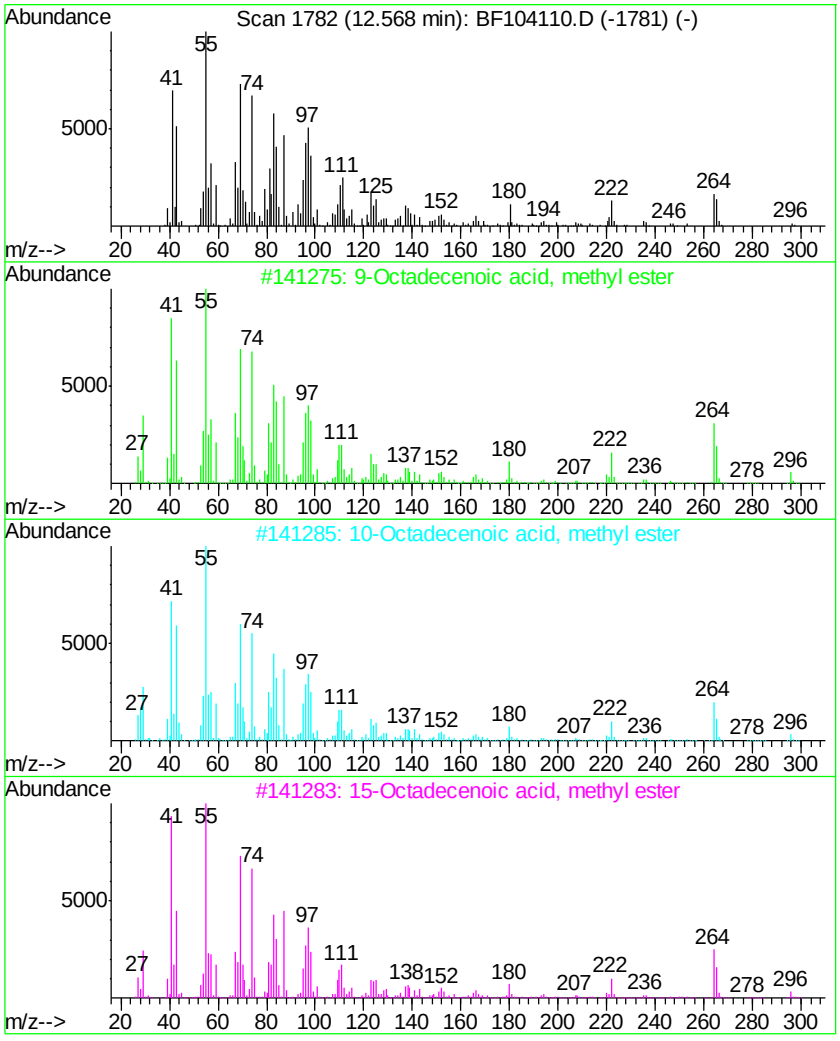
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

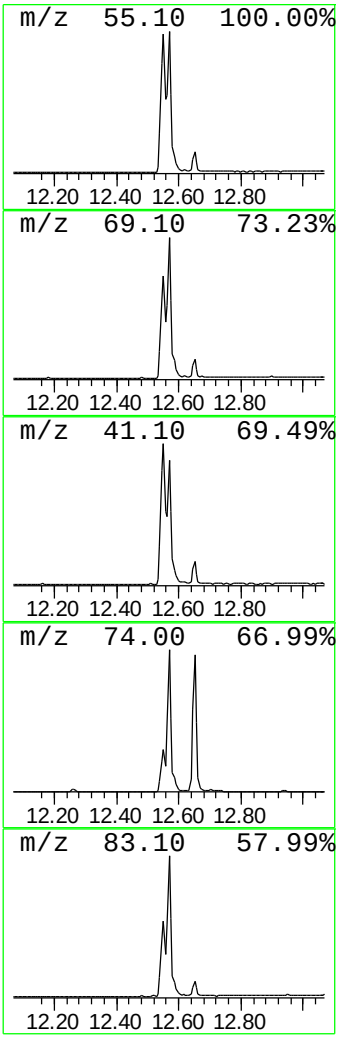
****

Peak Number 6 9-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	37.46 ng	1533740	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104110.D
Acq On : 30 Mar 2018 23:06
Operator : JU/SJ
Sample : J2112-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

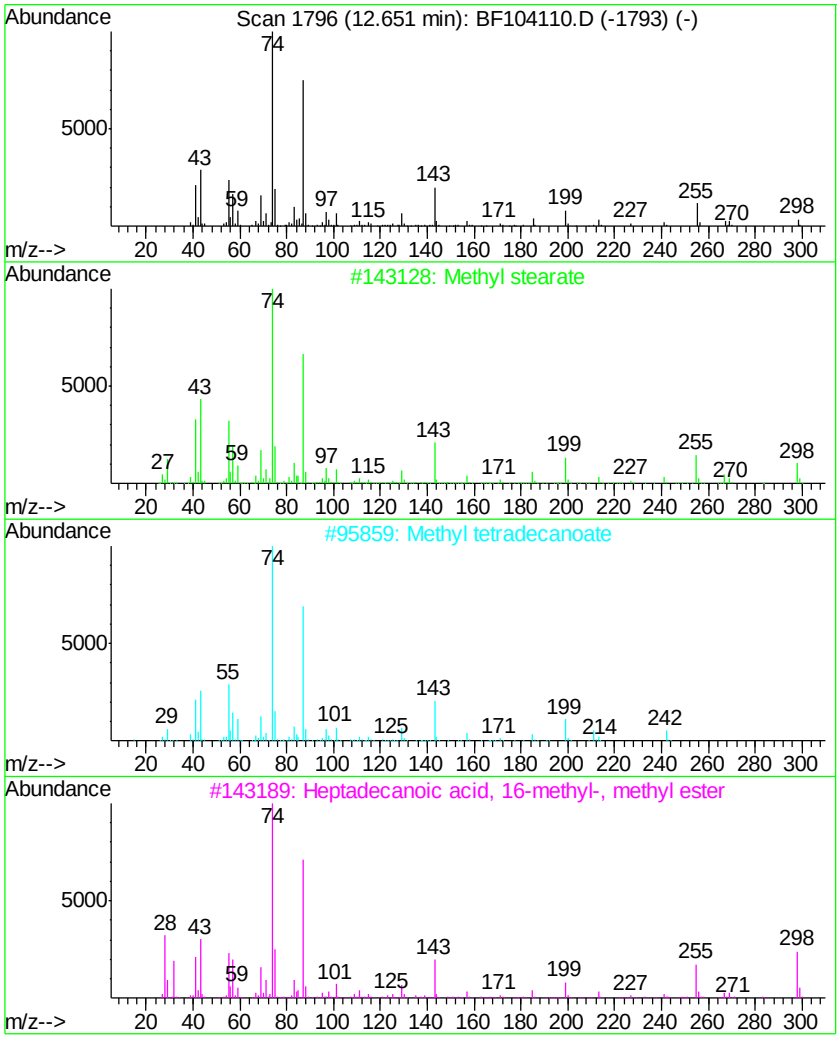
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

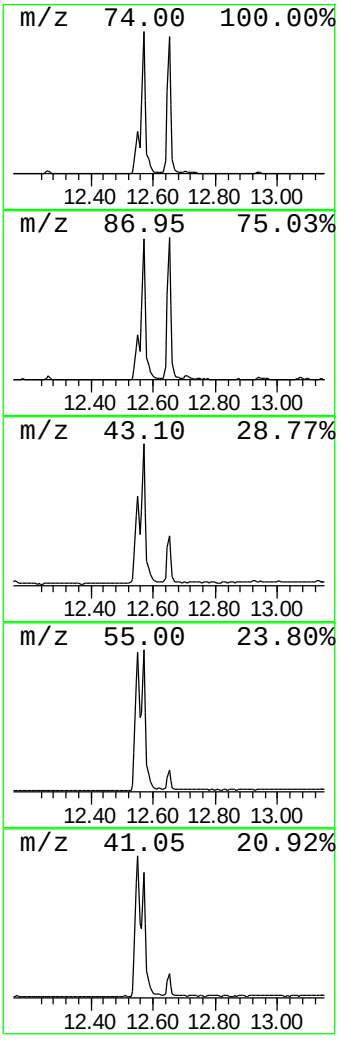
****

Peak Number 7 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	8.55 ng	350219	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
4	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	87
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104110.D
Acq On : 30 Mar 2018 23:06
Operator : JU/SJ
Sample : J2112-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

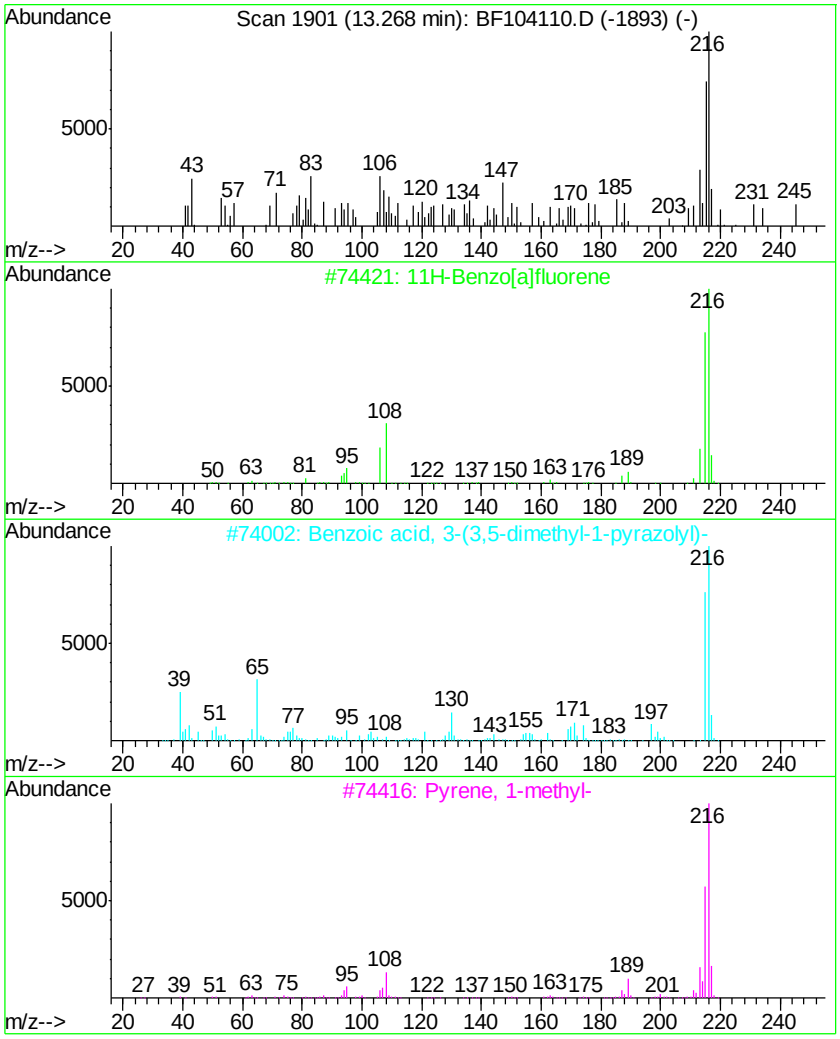
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

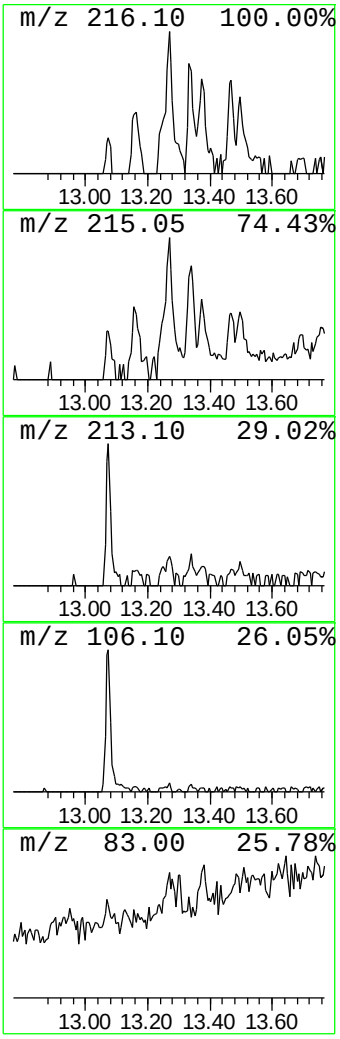
****

Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.14 ng	85271	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
2	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	53
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	53
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	52
5	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	50





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104110.D
Acq On : 30 Mar 2018 23:06
Operator : JU/SJ
Sample : J2112-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

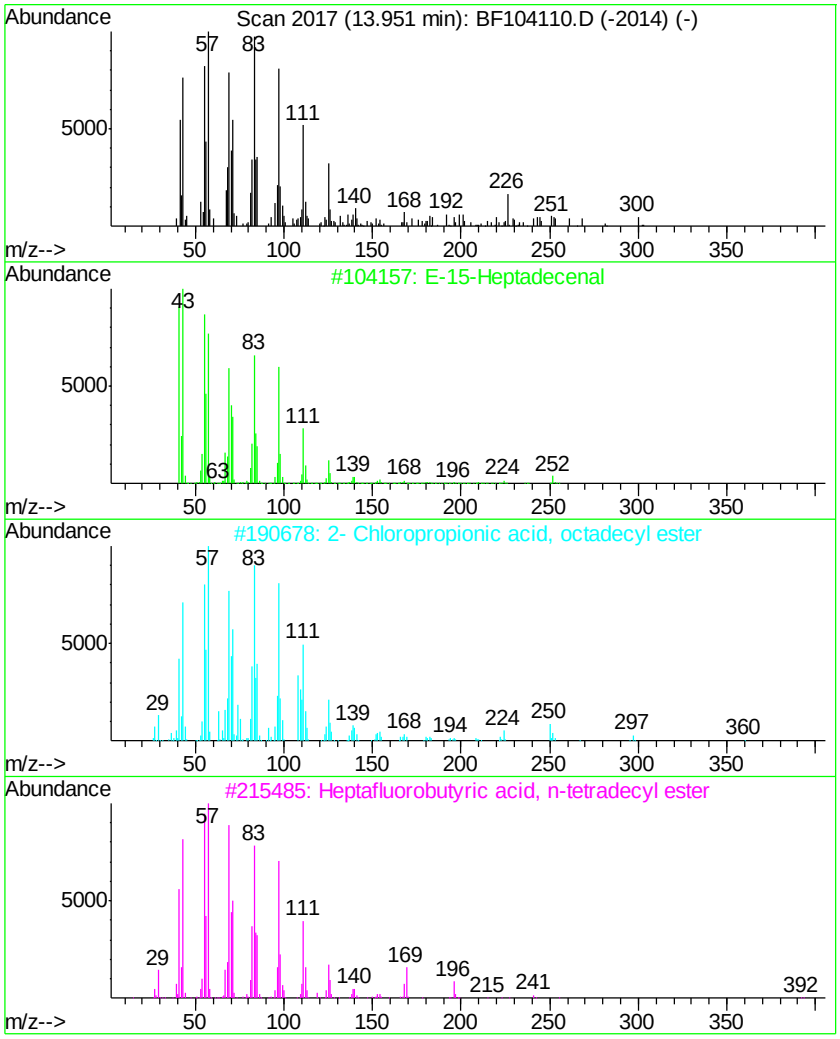
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

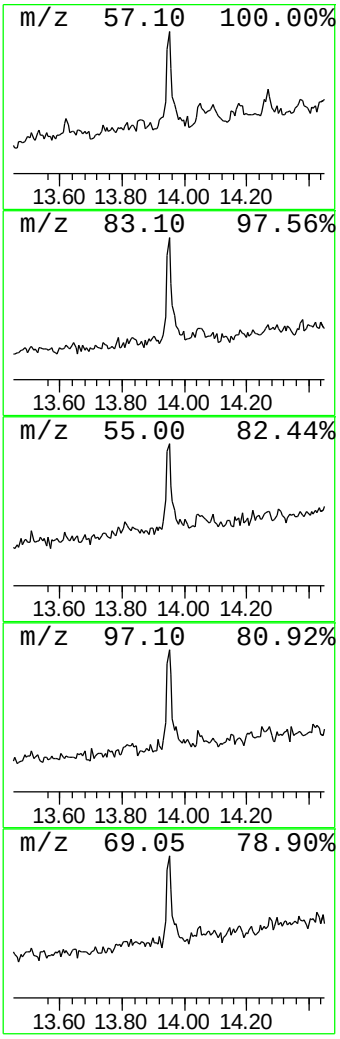
****

Peak Number 9 E-15-Heptadecenal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.02 ng	120251	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF033018\
Data File : BF104110.D
Acq On : 30 Mar 2018 23:06
Operator : JU/SJ
Sample : J2112-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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
Butane, 2-methoxy...	2.28	2.0	ng	64186	1	6.96	634780	20.0
unknown6.73	6.73	48.0	ng	1523310	1	6.96	634780	20.0
Hexadecanoic acid...	11.86	17.1	ng	700803	4	11.49	818776	20.0
9,12-Octadecadien...	12.55	66.0	ng	2702140	4	11.49	818776	20.0
9-Octadecenoic ac...	12.57	37.5	ng	1533740	4	11.49	818776	20.0
Methyl stearate	12.65	8.6	ng	350219	4	11.49	818776	20.0
11H-Benzo[a]fluorene	13.27	2.1	ng	85271	5	14.14	795932	20.0
E-15-Heptadecenal	13.95	3.0	ng	120251	5	14.14	795932	20.0