LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104108.D
Acq On : 30 Mar 2018 22:13
Operator : JU/SJ
Sample : J1752-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-032918-C

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\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	2.287	29	34	40	rVB	86682	111979	4.01%	0.409%
2	4.093	336	341	363	rBV	523125	900456	32.26%	3.288%
3	5.198	525	529	541	rBV	68576	102367	3.67%	0.374%
4	5.592	592	596	628	rBV	1506435	2324025	83.27%	8.487%
5	6.592	762	766	785	rBV	1642615	2429897	87.07%	8.874%
6	6.728	785	789	825	rVB	2120285	2790850	100.00%	10.192%
7	6.957	825	828	849	rBV	417343	635090	22.76%	2.319%
8	7.110	850	854	870	rBV	1727318	1799196	64.47%	6.571%
9	7.522	920	924	947	rBV	1047536	1591390	57.02%	5.812%
10	7.675	947	950	956	rVB2	27237	32224	1.15%	0.118%
11	8.239	1042	1046	1073	rBV	669858	954102	34.19%	3.484%
12	9.310	1224	1228	1237	rBV	2594058	2699457	96.73%	9.858%
13	9.374	1237	1239	1243	rVB	55288	59004	2.11%	0.215%
14	9.698	1288	1294	1301	rBV	149212	178114	6.38%	0.650%
15	9.904	1325	1329	1333	rBV	94792	80875	2.90%	0.295%
16	9.992	1341	1344	1357	rBV	906296	966260	34.62%	3.529%
17	10.404	1411	1414	1417	rVB	126651	95582	3.42%	0.349%
18	10.621	1446	1451	1454	rBV	47543	54419	1.95%	0.199%
19	10.786	1475	1479	1492	rBV	1237044	1639957	58.76%	5.989%
20	10.874	1492	1494	1504	rVB	125942	174252	6.24%	0.636%
21	11.327	1567	1571	1573	rBV	63448	57920	2.08%	0.212%
22	11.357	1573	1576	1582	rVB2	32466	38600	1.38%	0.141%
23	11.492	1595	1599	1610	rBV	658881	876461	31.40%	3.201%
24	11.751	1640	1643	1646	rVB	53691	38296	1.37%	0.140%
25	11.857	1657	1661	1669	rBV	671326	547539	19.62%	2.000%
26	11.992	1681	1684	1689	rBV3	34113	43691	1.57%	0.160%
27	12.157	1709	1712	1718	rVB	34334	36980	1.33%	0.135%
28	12.545	1774	1778	1780	rBV	1240004	1148622	41.16%	4.195%
29	12.563	1780	1781	1793	rVV2	999956	989462	35.45%	3.613%
30	12.651	1793	1796	1800	rVB	249460	211608	7.58%	0.773%
31	13.074	1864	1868	1884	rBV	2089929	2137306	76.58%	7.805%
32	13.215	1889	1892	1894	rBV3	26514	28133	1.01%	0.103%
33	13.304	1904	1907	1912	rVB4	39405	56903	2.04%	0.208%
34	13.374	1916	1919	1922	rBV	29572	28885	1.03%	0.105%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104108.D
Acq On : 30 Mar 2018 22:13
Operator : JU/SJ
Sample : J1752-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-032918-C

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	13.492	1935	1939	1943	rBV4	37361	51392	1.84%	0.188%
36	13.945	2013	2016	2022	rBV	102050	116571	4.18%	0.426%
37	14.139	2045	2049	2059	rBV	570420	734473	26.32%	2.682%
38	15.674	2305	2310	2322	rVB	358300	620376	22.23%	2.266%

Sum of corrected areas: 27382714

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104108.D
Acq On : 30 Mar 2018 22:13
Operator : JU/SJ
Sample : J1752-07
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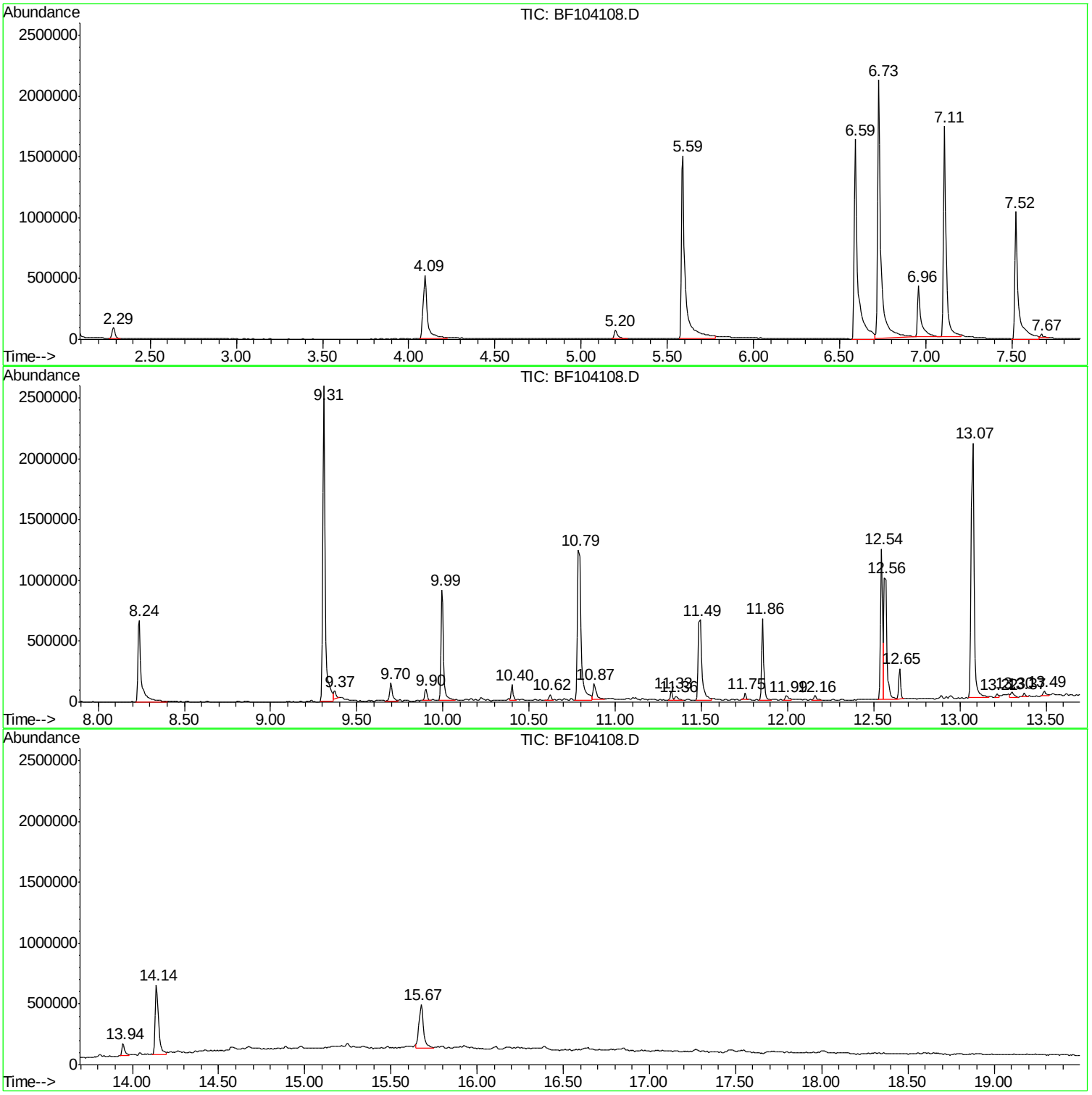
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-01-032918-C

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 : BF104108.D
Acq On : 30 Mar 2018 22:13
Operator : JU/SJ
Sample : J1752-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-032918-C

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

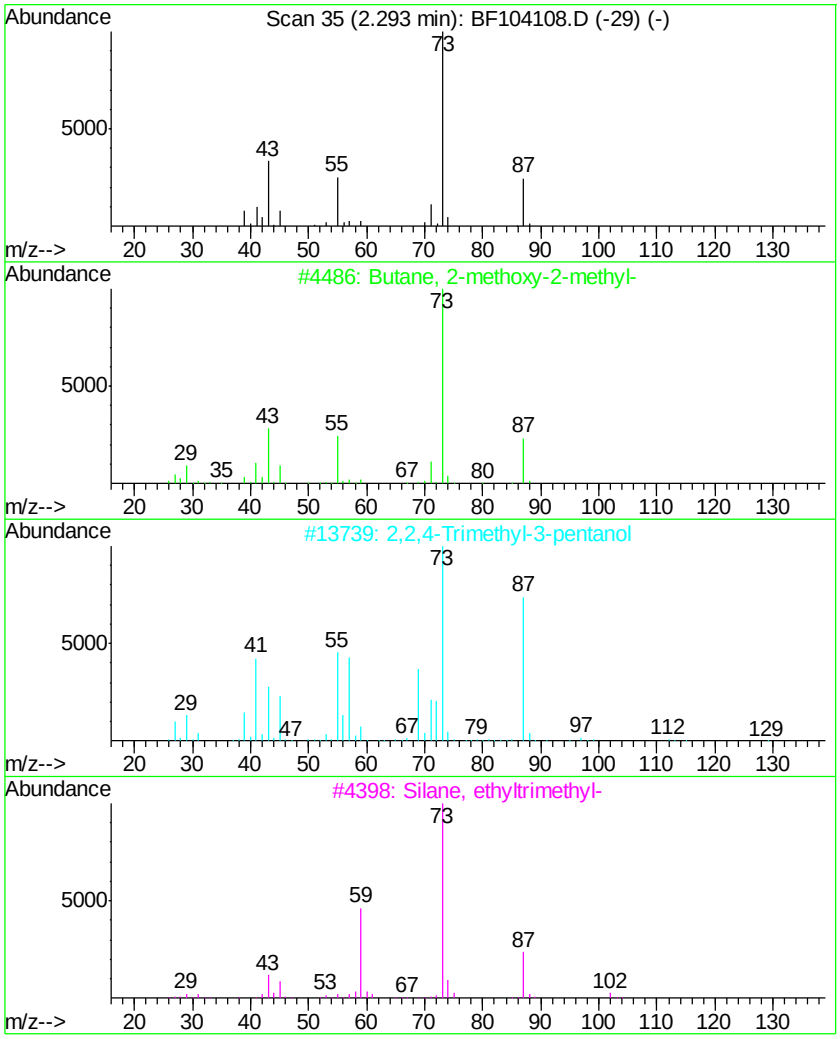
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

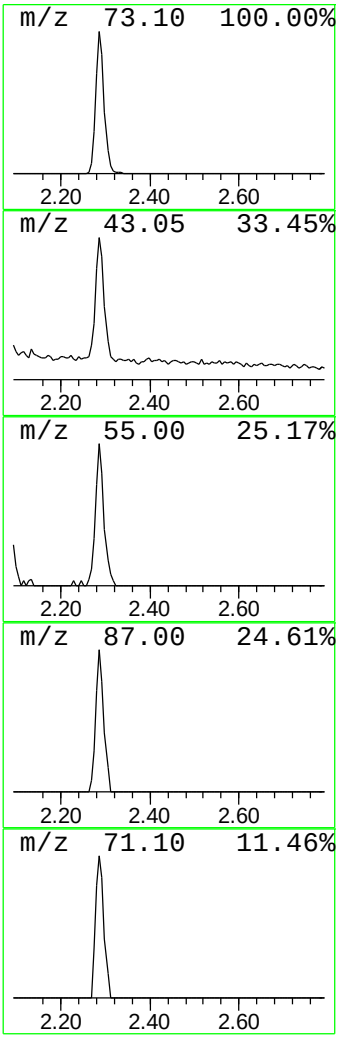
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	3.53 ng	111979	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	86
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104108.D
Acq On : 30 Mar 2018 22:13
Operator : JU/SJ
Sample : J1752-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-032918-C

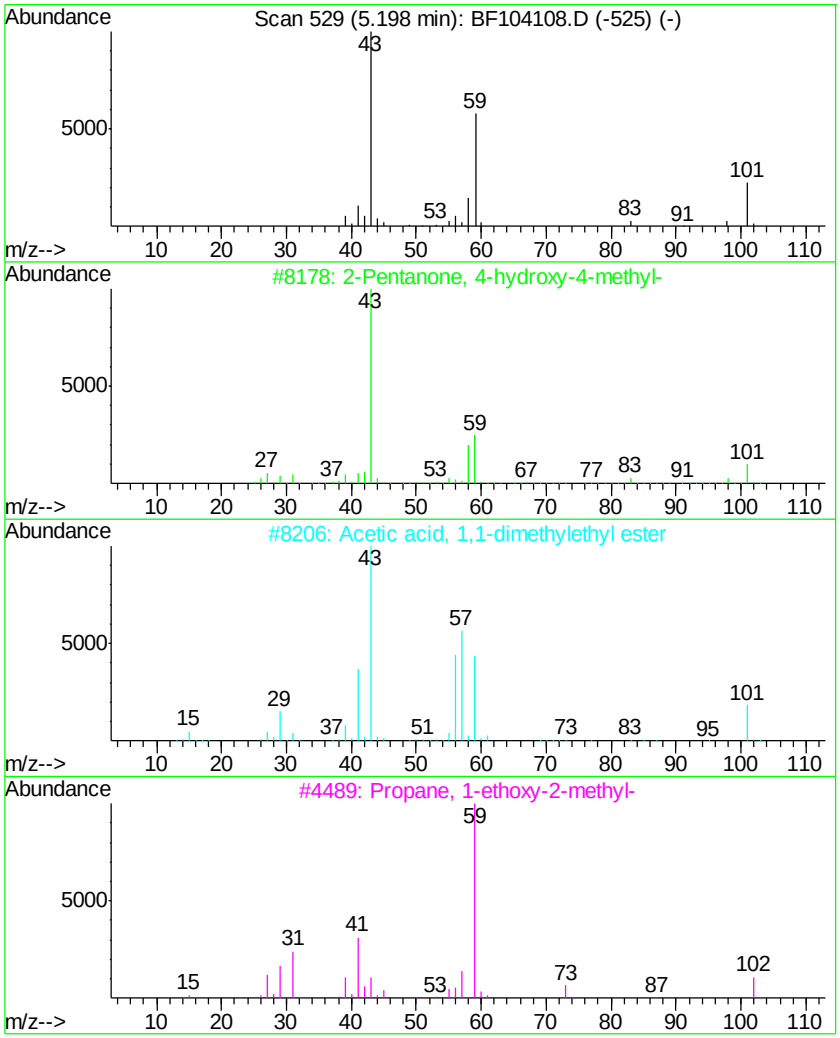
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

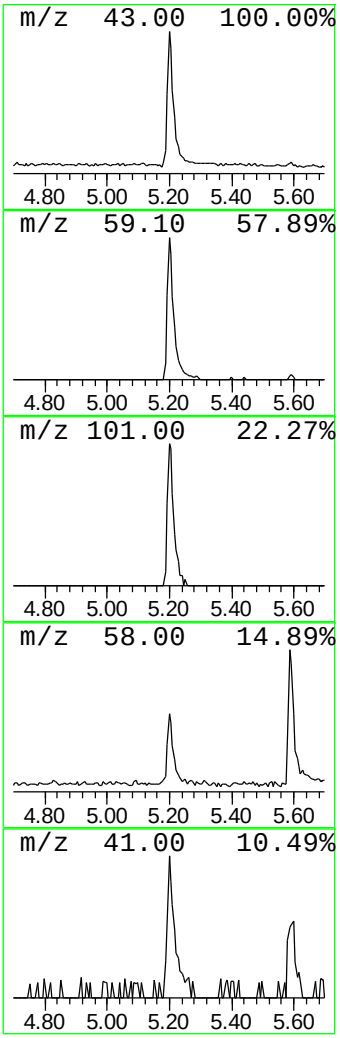
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.22 ng	102367	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
5	3-Hexanol	102	C6H14O	000623-37-0	28





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104108.D
Acq On : 30 Mar 2018 22:13
Operator : JU/SJ
Sample : J1752-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-032918-C

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

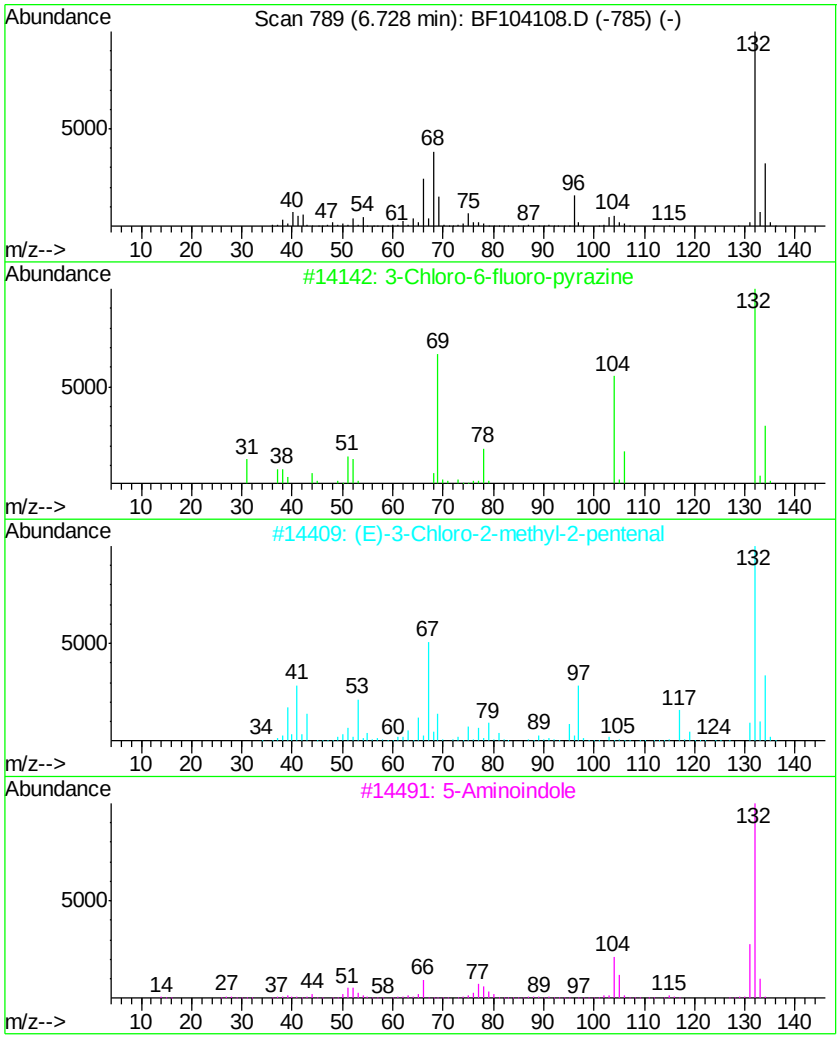
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

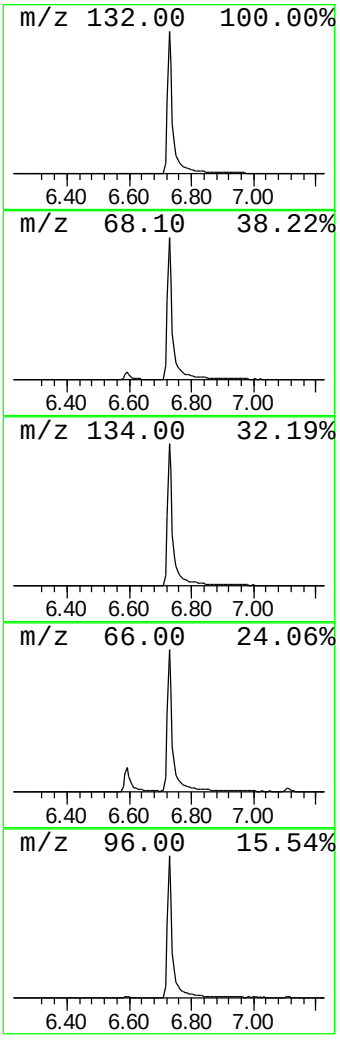
****

Peak Number 4 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	87.89 ng	2790850	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	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104108.D
Acq On : 30 Mar 2018 22:13
Operator : JU/SJ
Sample : J1752-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-032918-C

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

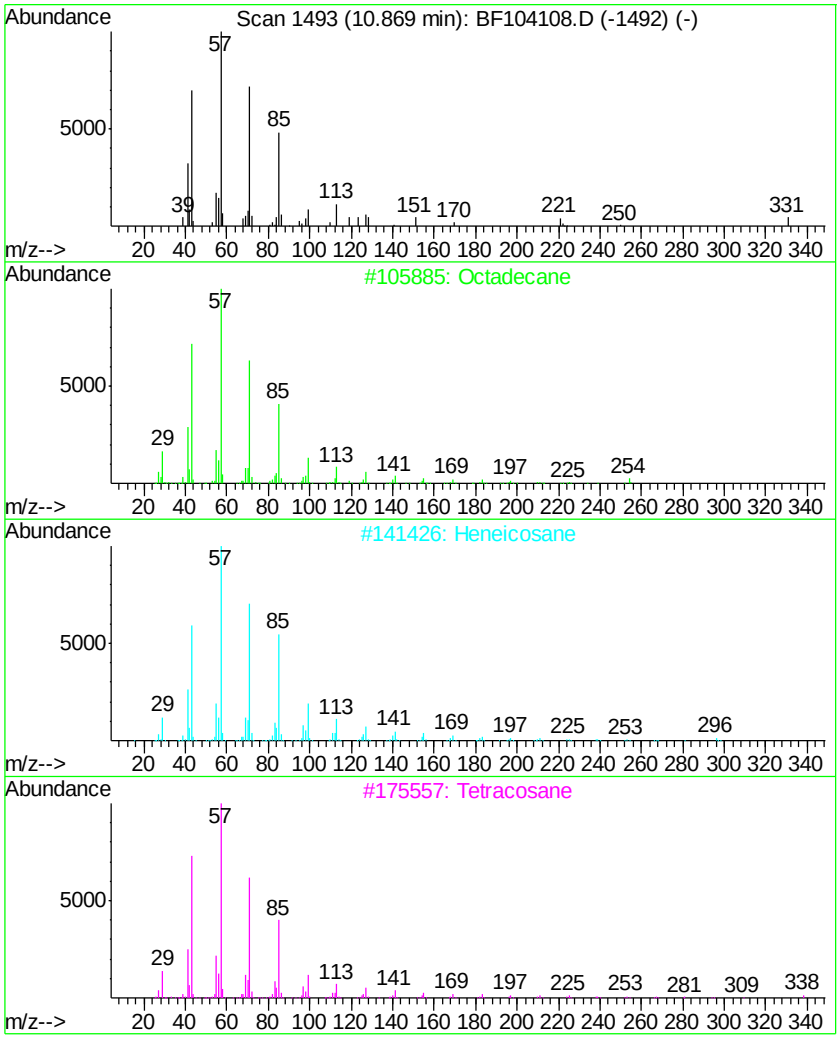
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

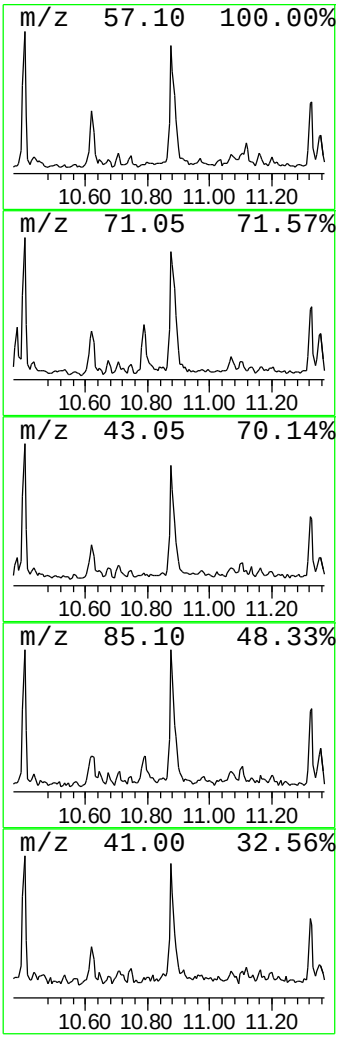
****

Peak Number 6 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	3.98 ng	174252	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104108.D
Acq On : 30 Mar 2018 22:13
Operator : JU/SJ
Sample : J1752-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-032918-C

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

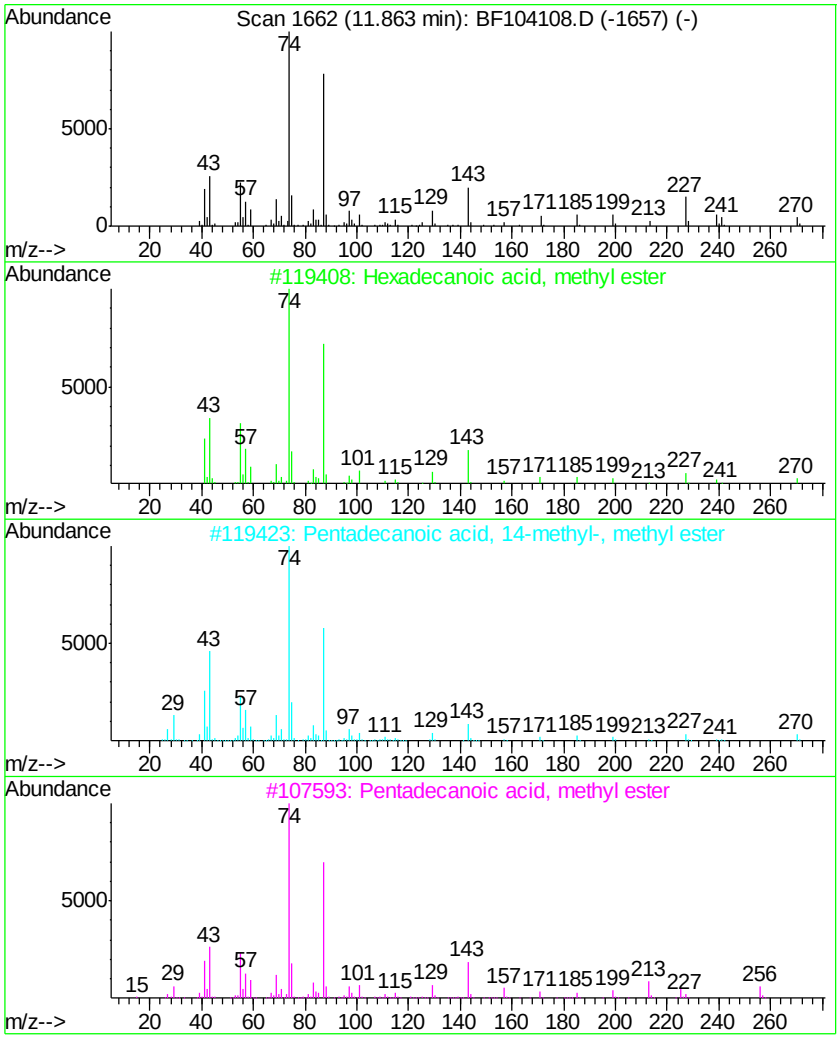
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

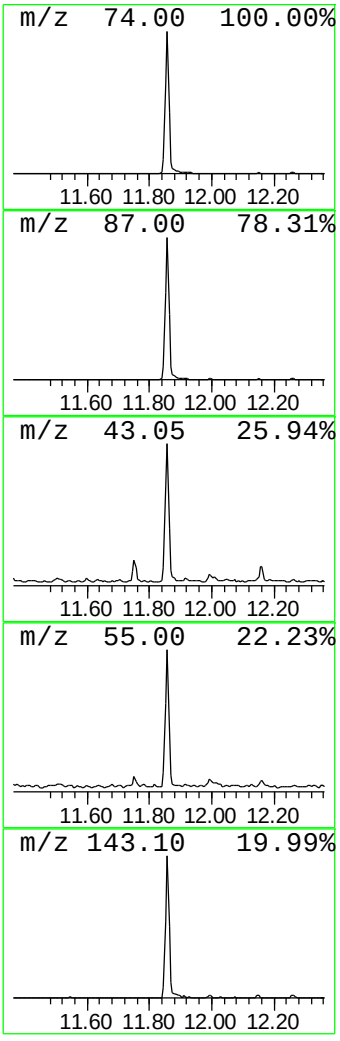
****

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	12.49 ng	547539	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	92
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





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Data File : BF104108.D
Acq On : 30 Mar 2018 22:13
Operator : JU/SJ
Sample : J1752-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-032918-C

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

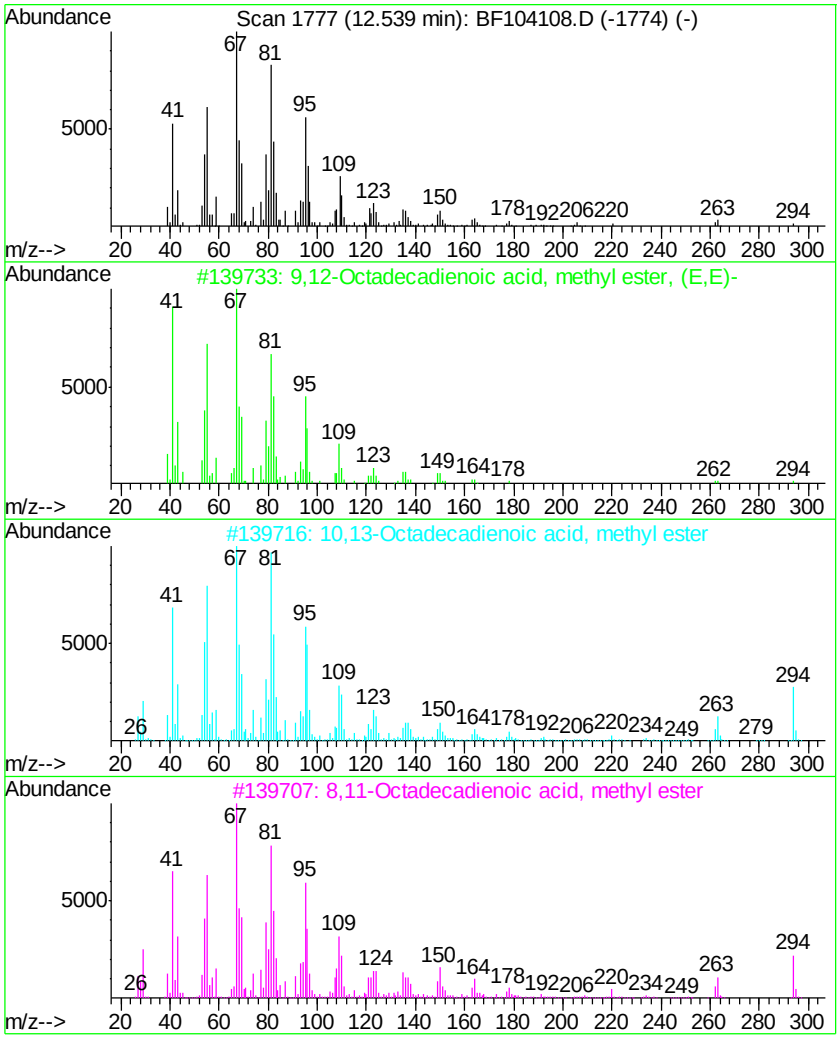
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

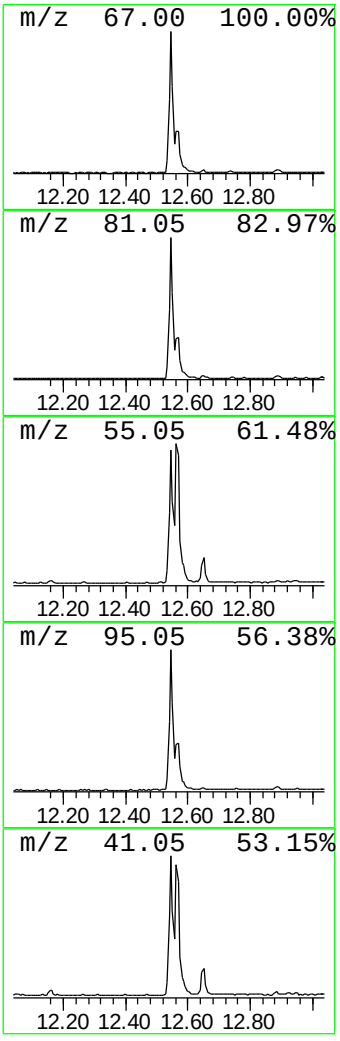
****

Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	26.21 ng	1148620	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	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	97





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Operator : JU/SJ
Sample : J1752-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-032918-C

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

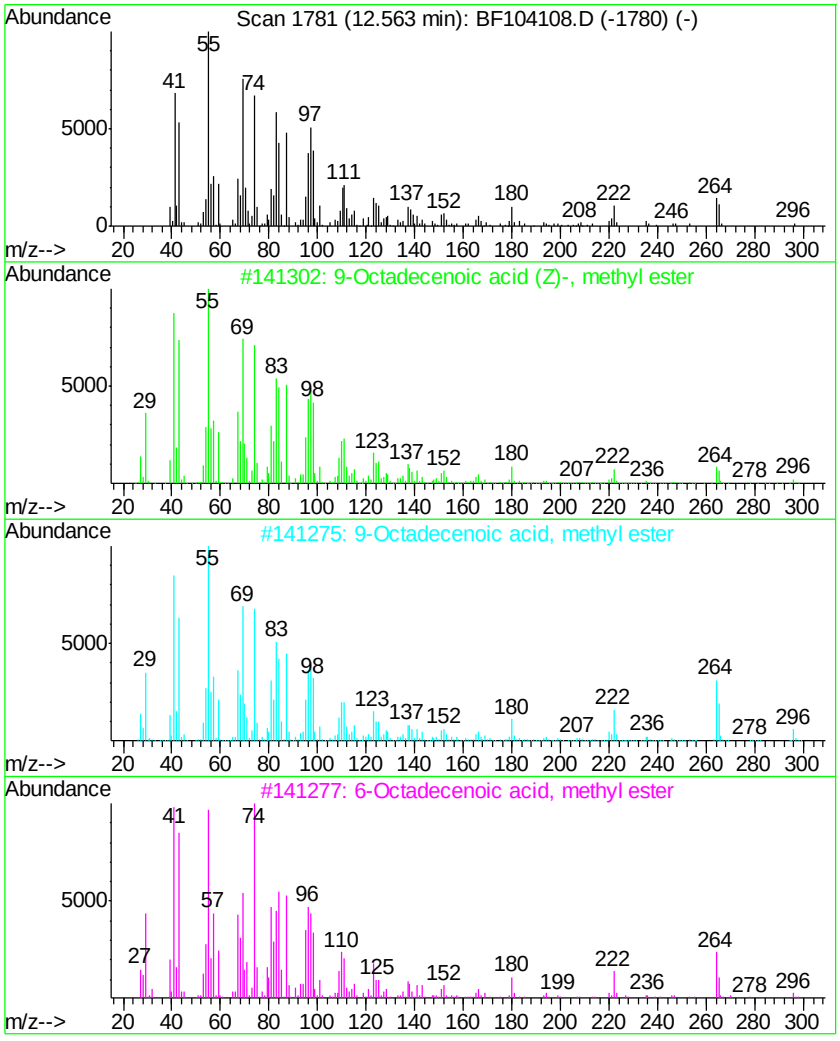
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

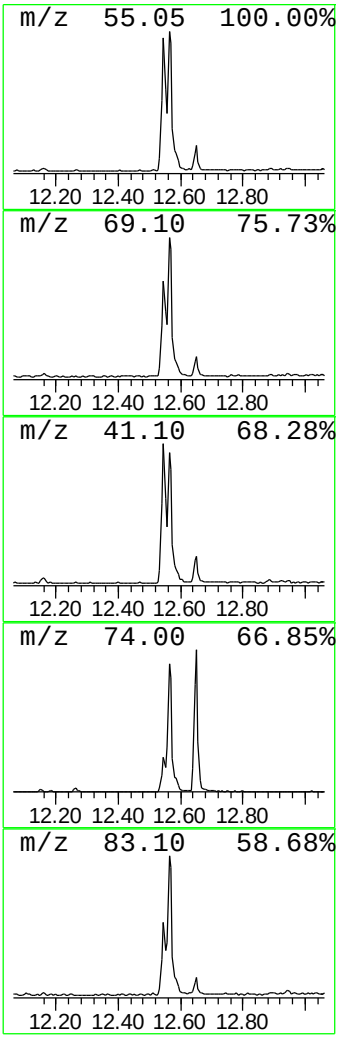
****

Peak Number 9 9-Octadecenoic acid (Z)-, m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	22.58 ng	989462	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	95
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	91
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	89
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	89





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Acq On : 30 Mar 2018 22:13
Operator : JU/SJ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-032918-C

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

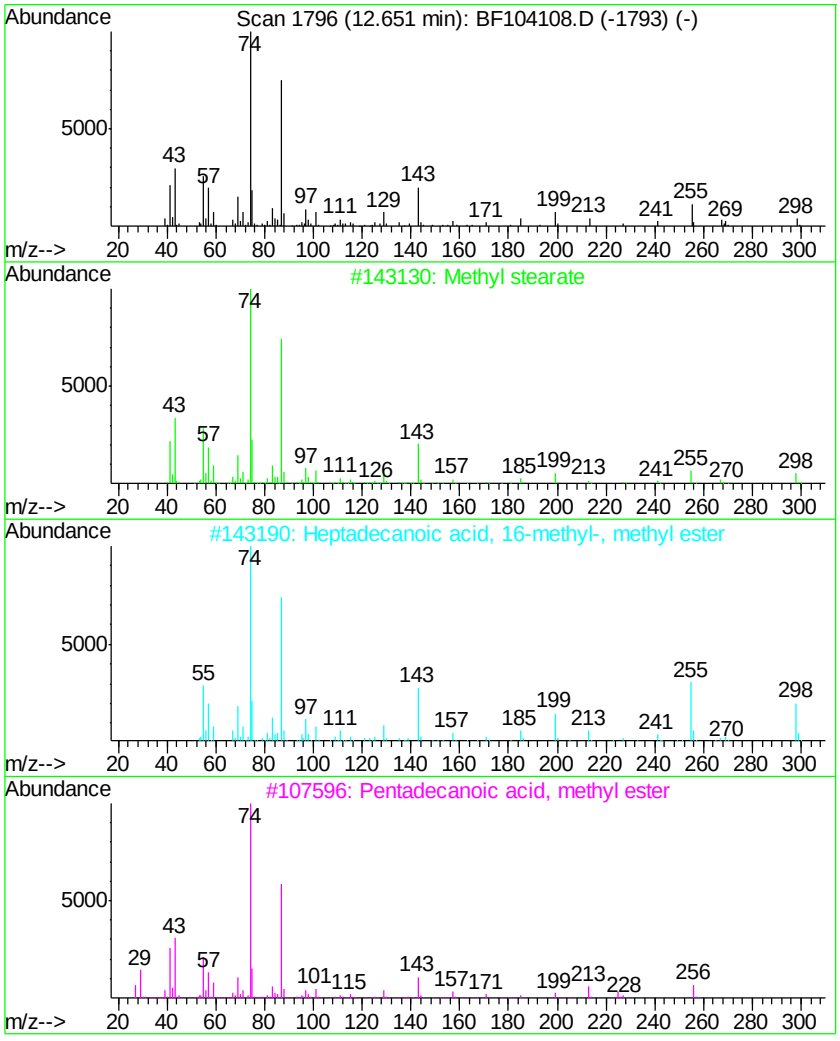
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

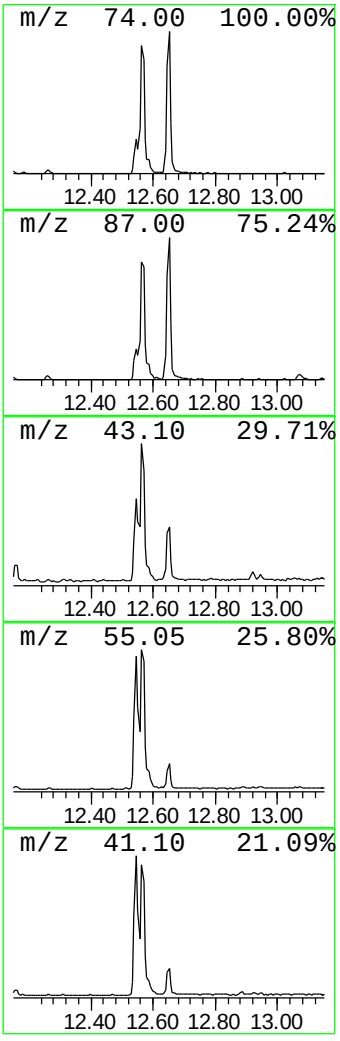
****

Peak Number 10 Methyl stearate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	4.83 ng	211608	Phenanthrene-d10	11.49

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	95
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
4	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	87
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	80





Library Search Compound Report

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Data File : BF104108.D
Acq On : 30 Mar 2018 22:13
Operator : JU/SJ
Sample : J1752-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-032918-C

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

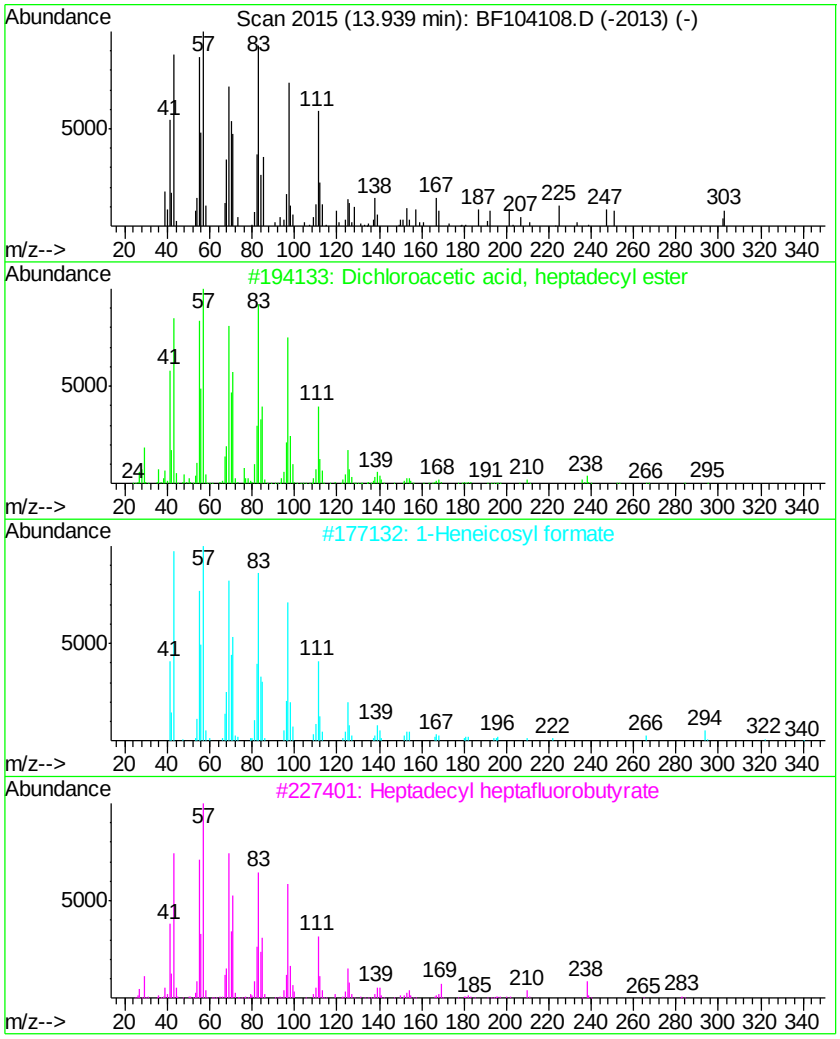
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

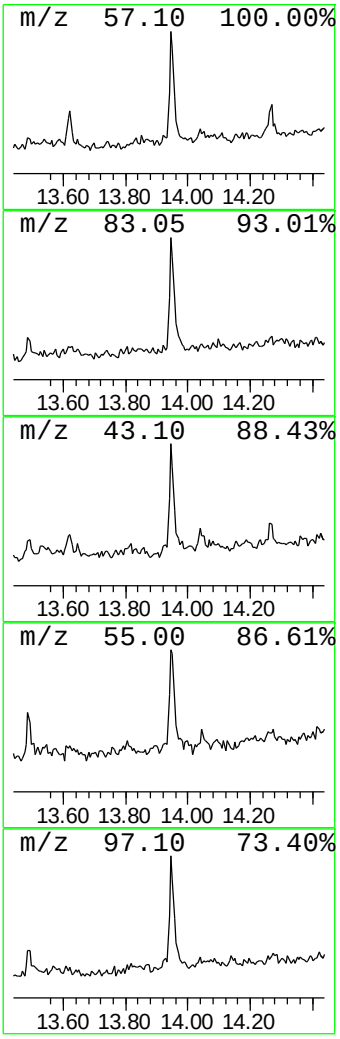
****

Peak Number 11 Dichloroacetic acid, heptad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.17 ng	116571	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF033018\
Data File : BF104108.D
Acq On : 30 Mar 2018 22:13
Operator : JU/SJ
Sample : J1752-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-032918-C

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...	2.29	3.5	ng	111979	1	6.96	635090	20.0
2-Pentanone, 4-hy...	5.20	3.2	ng	102367	1	6.96	635090	20.0
unknown6.73	6.73	87.9	ng	2790850	1	6.96	635090	20.0
Octadecane	10.87	4.0	ng	174252	4	11.49	876461	20.0
Hexadecanoic acid...	11.86	12.5	ng	547539	4	11.49	876461	20.0
9,12-Octadecadien...	12.54	26.2	ng	1148620	4	11.49	876461	20.0
9-Octadecenoic ac...	12.56	22.6	ng	989462	4	11.49	876461	20.0
Methyl stearate	12.65	4.8	ng	211608	4	11.49	876461	20.0
Dichloroacetic ac...	13.94	3.2	ng	116571	5	14.14	734473	20.0