LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110623.D
Acq On : 9 Nov 2018 13:13
Operator : JU/SJ
Sample : J5762-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-110518

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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	2.228	19	24	30	rVB	129991	171664	15.90%	1.545%
2	5.169	521	524	534	rBV	15770	20109	1.86%	0.181%
3	5.557	587	590	613	rBV	917863	944273	87.46%	8.498%
4	6.563	757	761	783	rBV	982402	1079673	100.00%	9.717%
5	6.710	783	786	794	rBV	1167322	1029497	95.35%	9.265%
6	6.945	822	826	832	rBV	564936	500559	46.36%	4.505%
7	7.098	848	852	868	rVB	886006	760756	70.46%	6.847%
8	7.504	918	921	932	rBV	567873	612221	56.70%	5.510%
9	8.228	1040	1044	1054	rBV	680404	626055	57.99%	5.634%
10	8.751	1131	1133	1137	rBV3	14334	16771	1.55%	0.151%
11	8.910	1156	1160	1163	rVB5	7905	12571	1.16%	0.113%
12	8.963	1163	1169	1171	rBV4	11378	15411	1.43%	0.139%
13	9.175	1199	1205	1208	rBV7	8375	19030	1.76%	0.171%
14	9.210	1208	1211	1213	rBV2	11082	12692	1.18%	0.114%
15	9.298	1222	1226	1232	rBV	1243717	1022257	94.68%	9.200%
16	9.369	1235	1238	1242	rVB3	28445	31627	2.93%	0.285%
17	9.692	1287	1293	1299	rBV	122776	145870	13.51%	1.313%
18	9.839	1315	1318	1320	rBV3	20834	16837	1.56%	0.152%
19	9.886	1323	1326	1329	rVB2	29371	27742	2.57%	0.250%
20	9.986	1339	1343	1351	rVB	663084	582833	53.98%	5.245%
21	10.386	1407	1411	1414	rBV2	11918	15022	1.39%	0.135%
22	10.775	1474	1477	1486	rBV	426063	410168	37.99%	3.691%
23	10.881	1491	1495	1503	rVB2	14346	20067	1.86%	0.181%
24	11.480	1593	1597	1605	rBV	542921	490609	45.44%	4.415%
25	11.845	1657	1659	1663	rVB	45961	34766	3.22%	0.313%
26	11.986	1679	1683	1691	rBV7	11286	23591	2.19%	0.212%
27	12.533	1773	1776	1778	rBV	88657	85666	7.93%	0.771%
28	12.557	1778	1780	1788	rVB	151481	135219	12.52%	1.217%
29	12.639	1791	1794	1799	rVB	39443	31731	2.94%	0.286%
30	12.698	1802	1804	1808	rBV	13867	12938	1.20%	0.116%
31	12.769	1813	1816	1822	rBV3	22993	32921	3.05%	0.296%
32	12.933	1841	1844	1849	rVB	17940	21937	2.03%	0.197%
33	13.063	1862	1866	1869	rBV	829104	786452	72.84%	7.078%
34	13.610	1957	1959	1962	rBV4	15343	17651	1.63%	0.159%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110623.D
Acq On : 9 Nov 2018 13:13
Operator : JU/SJ
Sample : J5762-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-110518

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.945	2012	2016	2023	rBV3	58508	113791	10.54%	1.024%
36	14.127	2043	2047	2052	rBV	519621	546678	50.63%	4.920%
37	14.257	2067	2069	2072	rBV2	24531	19977	1.85%	0.180%
38	14.563	2118	2121	2127	rVB	40105	43608	4.04%	0.392%
39	14.874	2171	2174	2179	rVB2	58521	71164	6.59%	0.640%
40	15.227	2231	2234	2239	rVB	61114	75025	6.95%	0.675%
41	15.627	2298	2302	2304	rBV	59438	86926	8.05%	0.782%
42	15.657	2304	2307	2314	rVB	262686	325605	30.16%	2.930%
43	16.080	2376	2379	2383	rVB2	49141	61272	5.68%	0.551%

Sum of corrected areas: 11111232

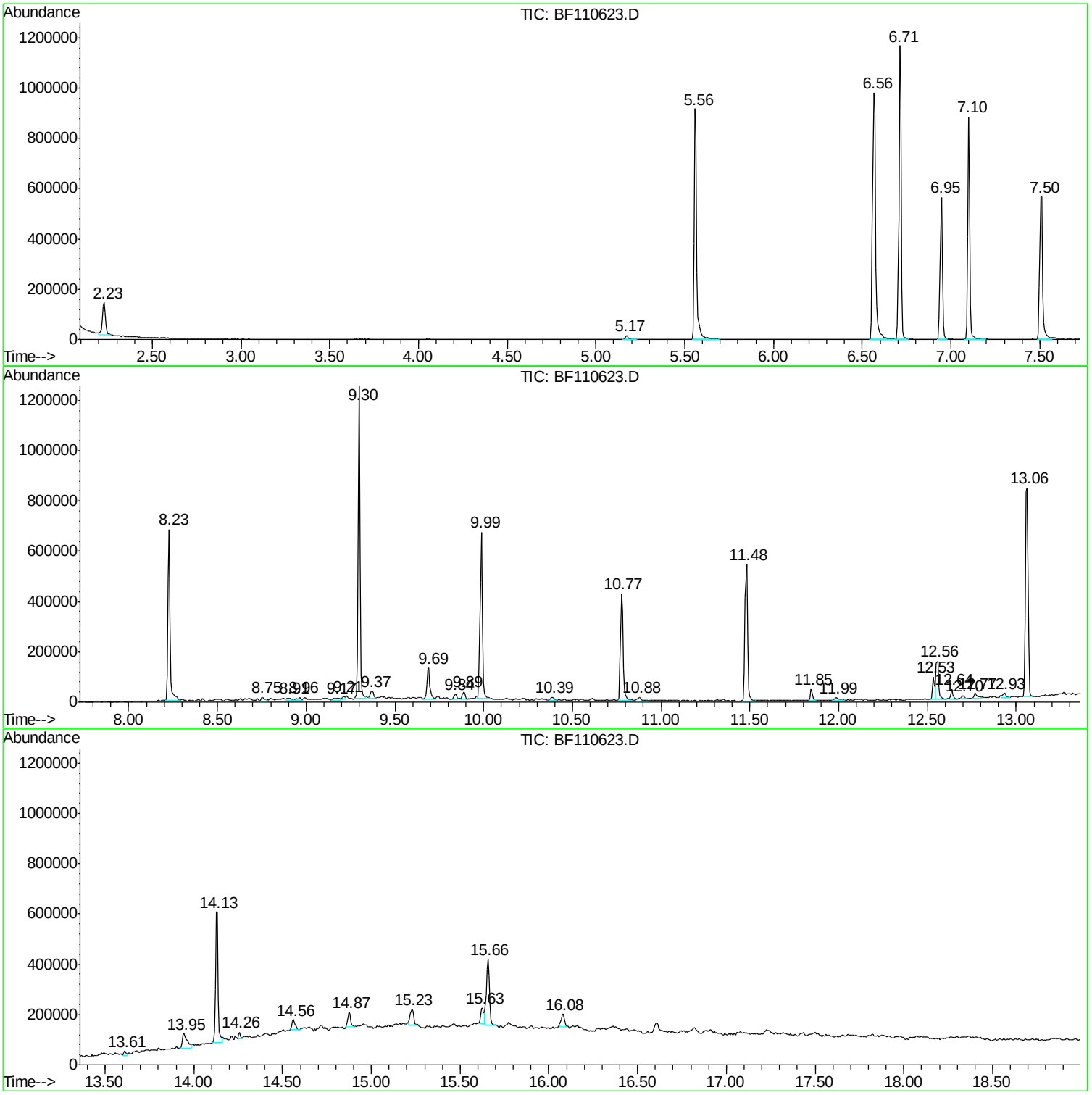
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110623.D
Acq On : 9 Nov 2018 13:13
Operator : JU/SJ
Sample : J5762-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-110518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110623.D
Acq On : 9 Nov 2018 13:13
Operator : JU/SJ
Sample : J5762-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-110518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

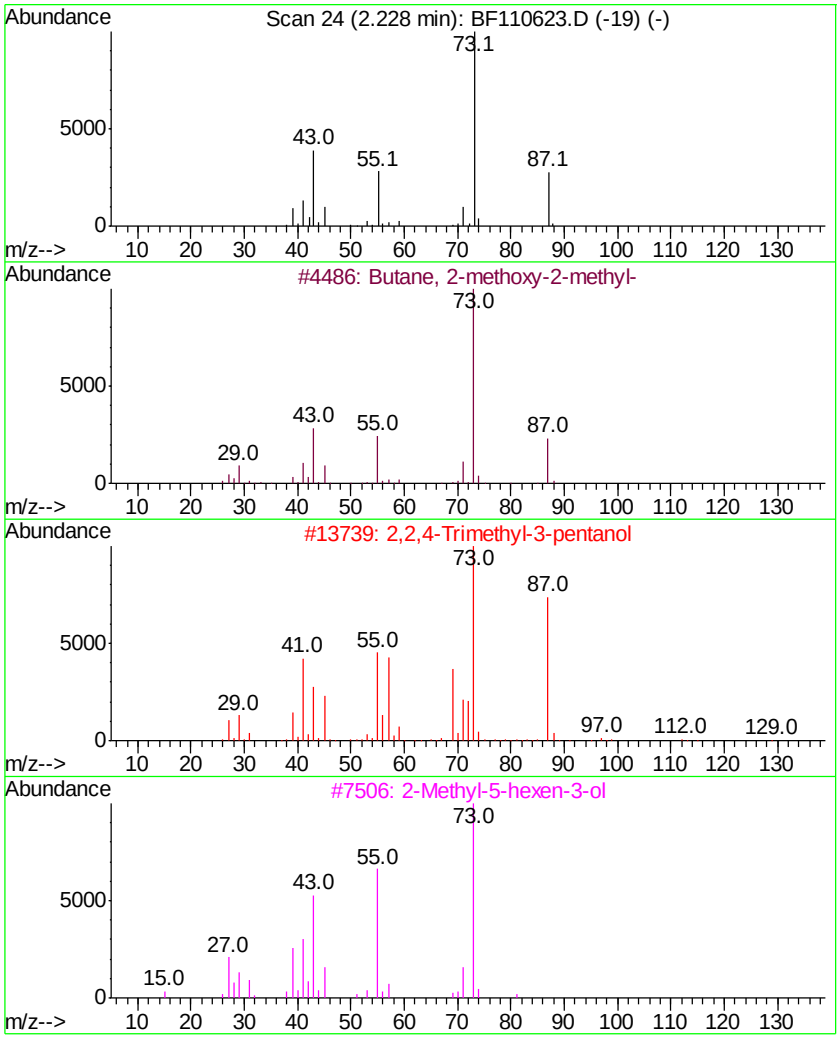
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

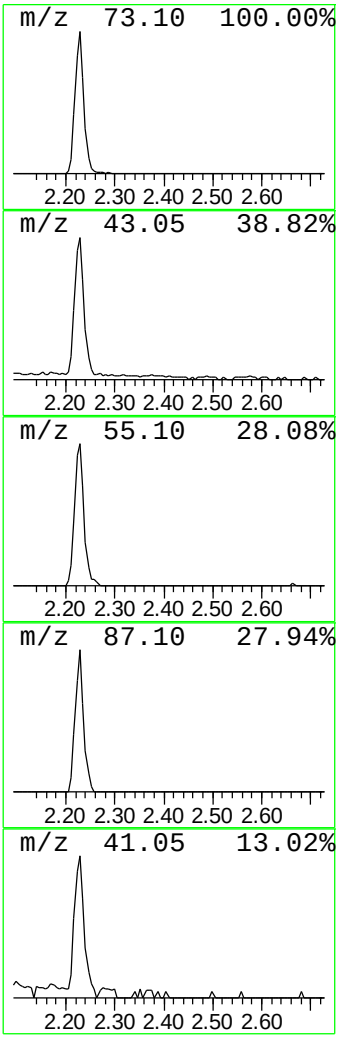
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	6.86 ng	171664	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110623.D
Acq On : 9 Nov 2018 13:13
Operator : JU/SJ
Sample : J5762-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-110518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

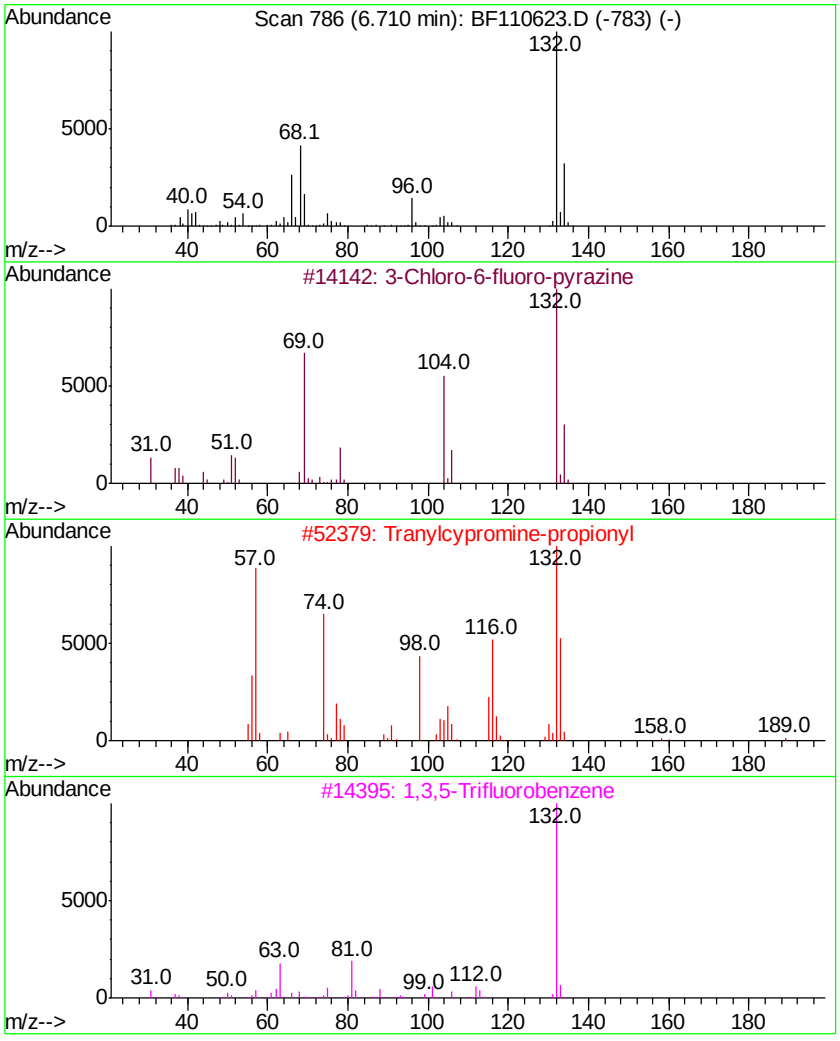
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

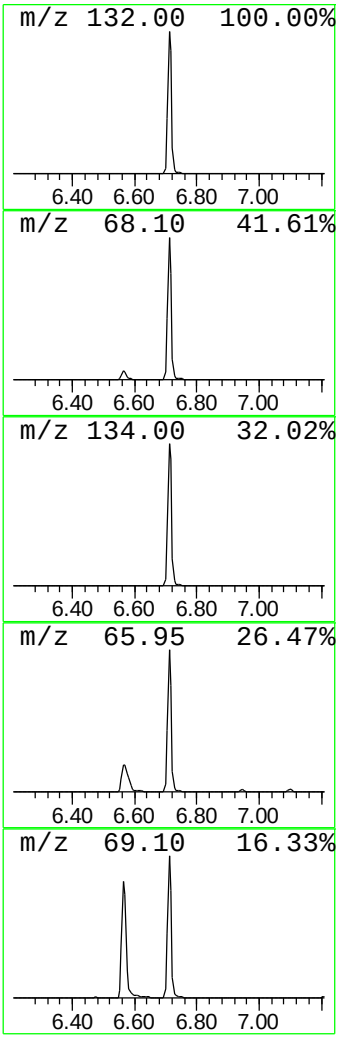
****

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	41.13 ng	1029500	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110623.D
Acq On : 9 Nov 2018 13:13
Operator : JU/SJ
Sample : J5762-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-110518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

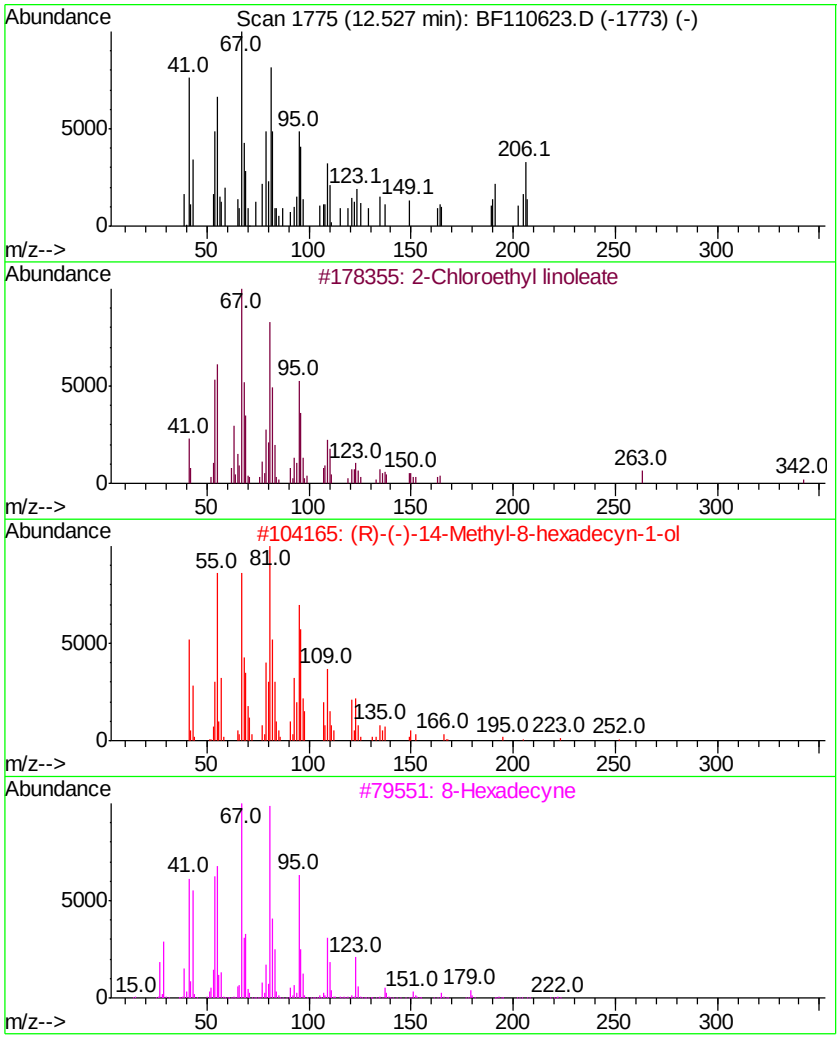
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

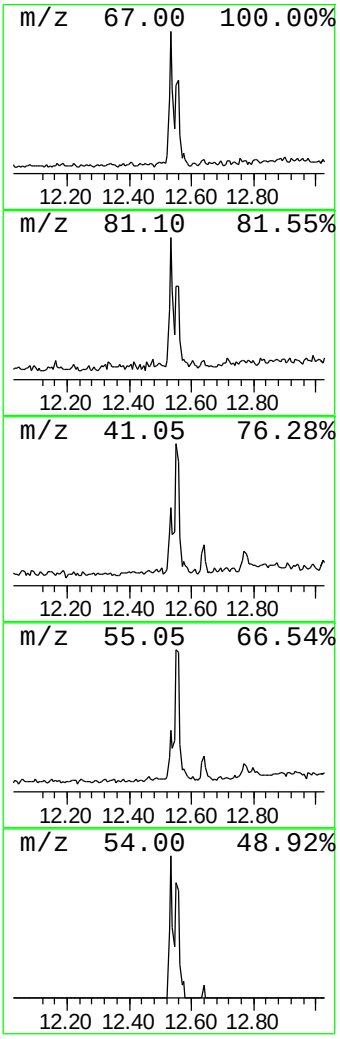
****

Peak Number 4 2-Chloroethyl linoleate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	3.49 ng	85666	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	90
2	(R)-(-)-14-Methyl-8-hexadecyn-1-ol	252	C17H32O	064566-18-3	74
3	8-Hexadecyne	222	C16H30	019781-86-3	74
4	11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	70
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110623.D
Acq On : 9 Nov 2018 13:13
Operator : JU/SJ
Sample : J5762-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-110518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

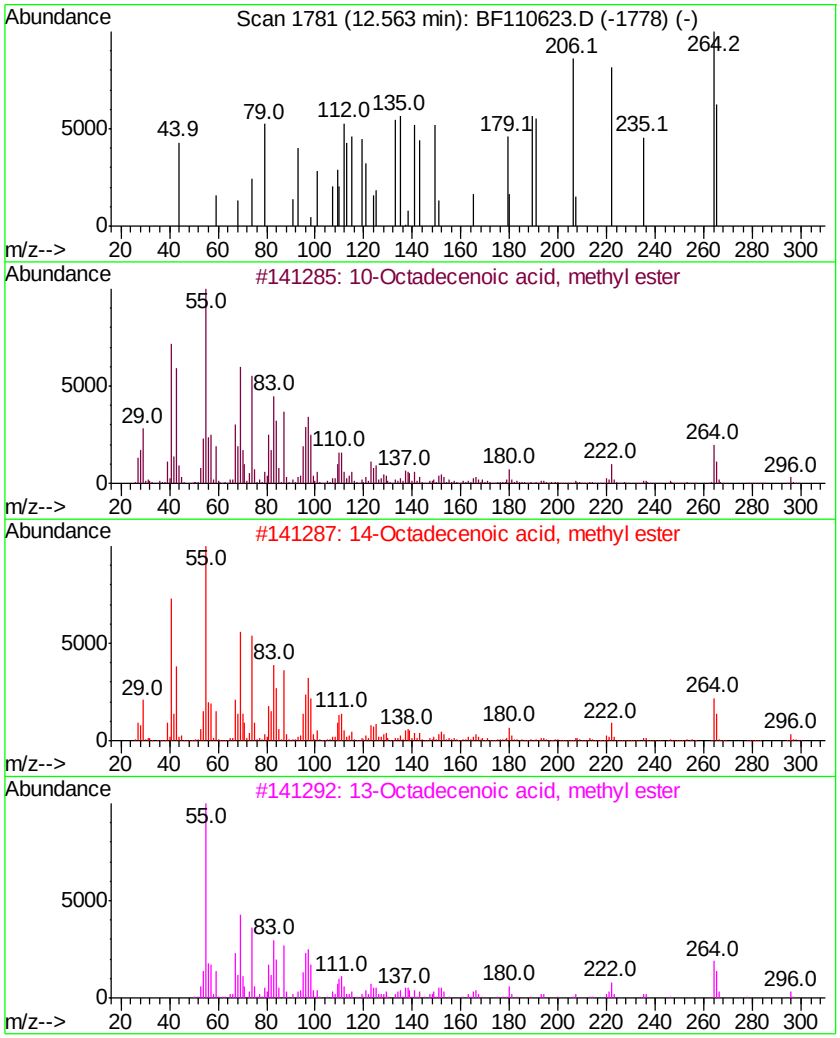
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

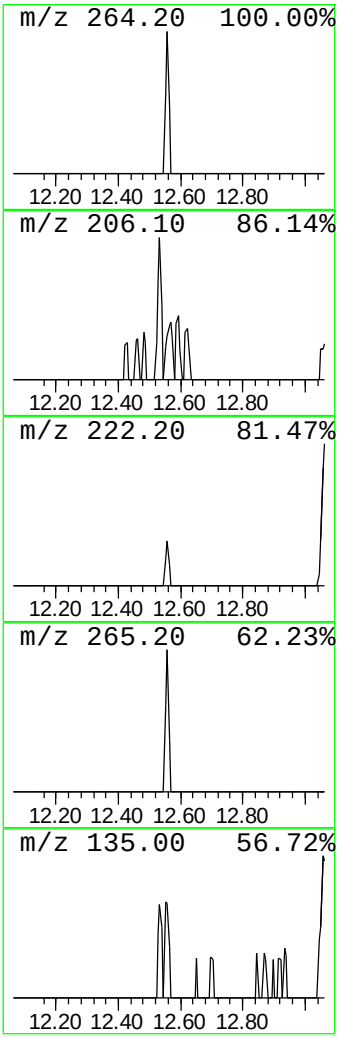
****

Peak Number 5 10-Octadecenoic acid, methy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	5.51 ng	135219	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	95
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	94
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	90
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110623.D
Acq On : 9 Nov 2018 13:13
Operator : JU/SJ
Sample : J5762-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-110518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

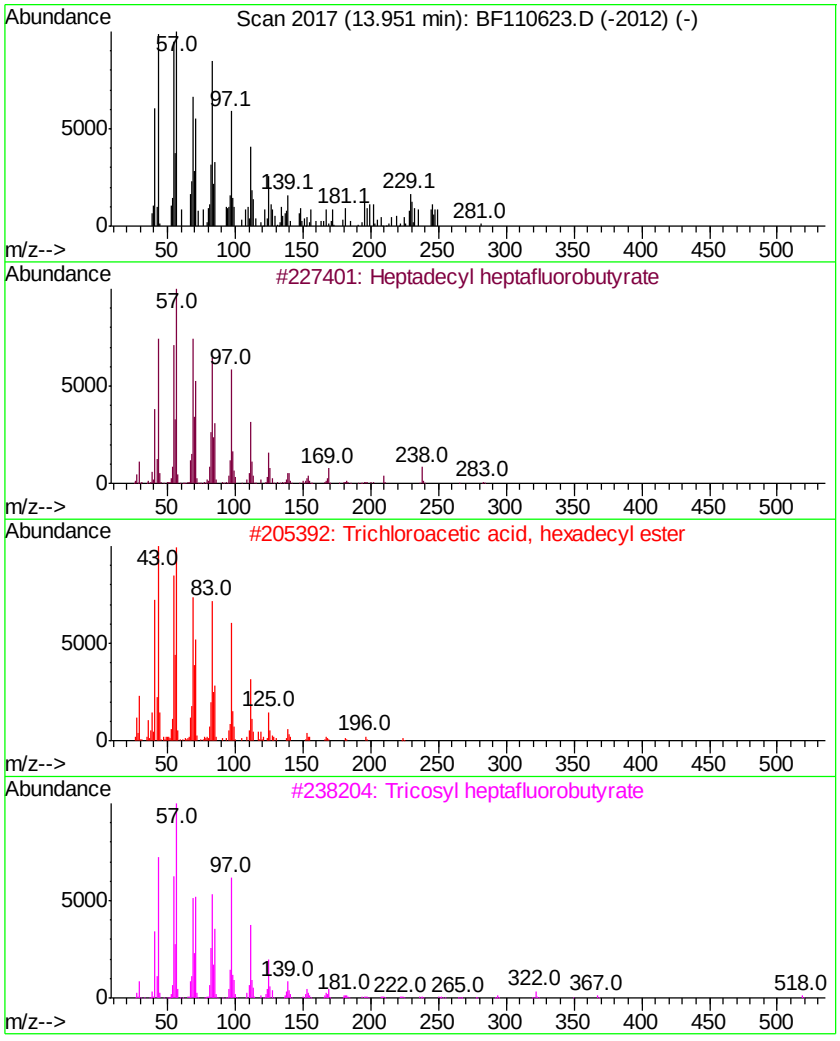
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

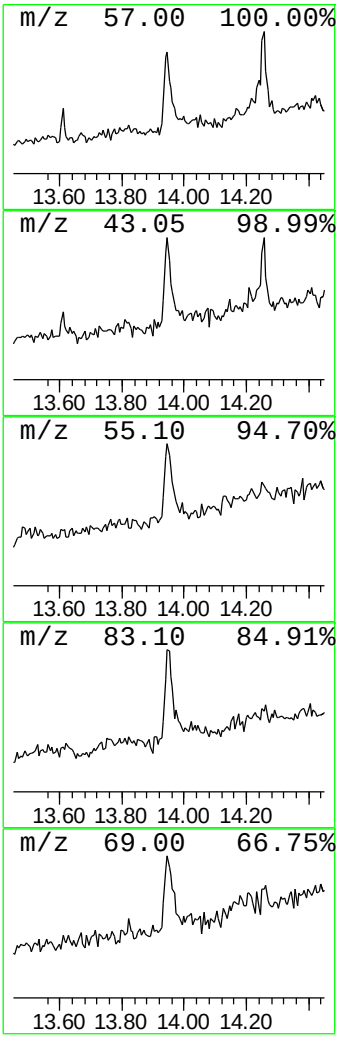
****

Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.16 ng	113791	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	83
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	83
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110623.D
Acq On : 9 Nov 2018 13:13
Operator : JU/SJ
Sample : J5762-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-110518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

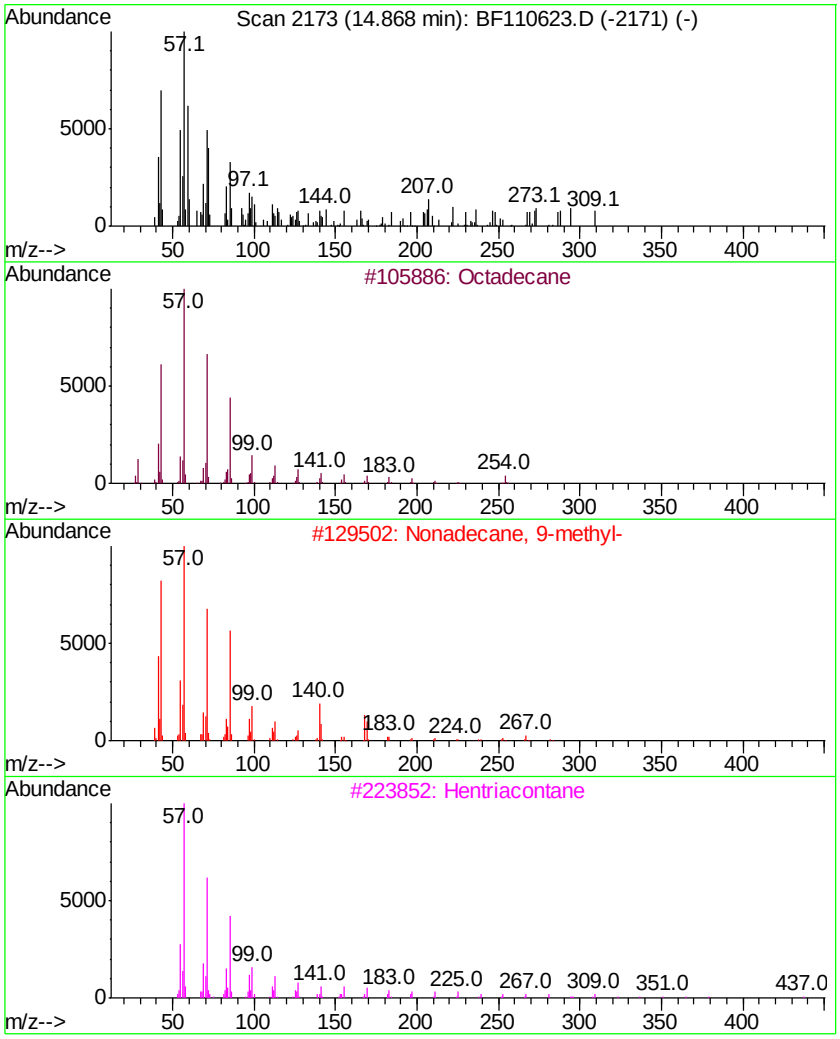
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

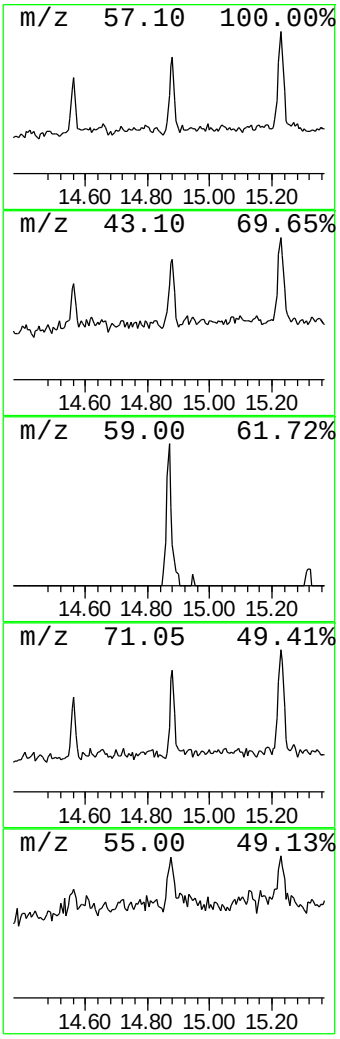
****

Peak Number 7 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.60 ng	71164	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
3	Hentriacontane	437	C31H64	000630-04-6	70
4	Tridecane	184	C13H28	000629-50-5	64
5	Hexadecane	226	C16H34	000544-76-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110623.D
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Operator : JU/SJ
Sample : J5762-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-110518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

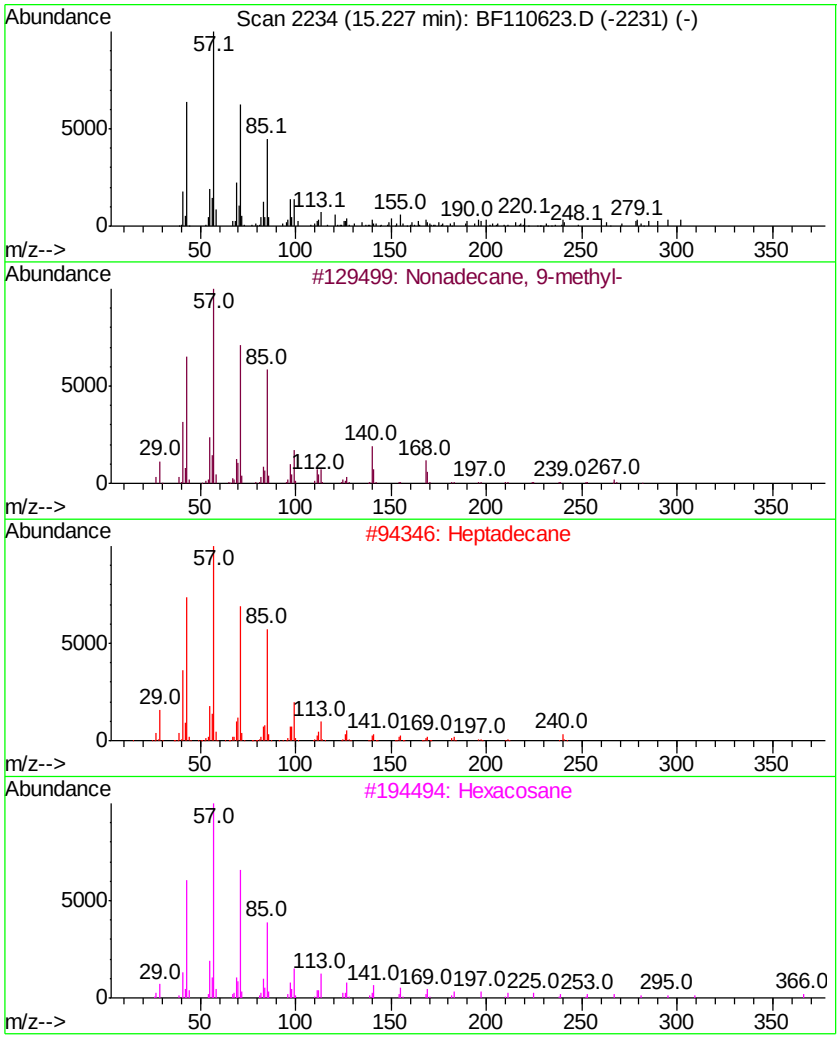
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

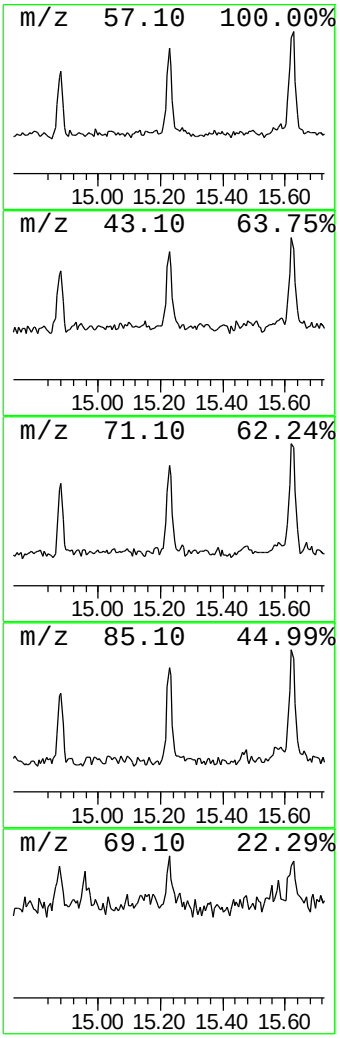
****

Peak Number 8 Nonadecane, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	4.61 ng	75025	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexacosane	366	C26H54	000630-01-3	86
4	Octacosane	394	C28H58	000630-02-4	83
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110623.D
Acq On : 9 Nov 2018 13:13
Operator : JU/SJ
Sample : J5762-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-110518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

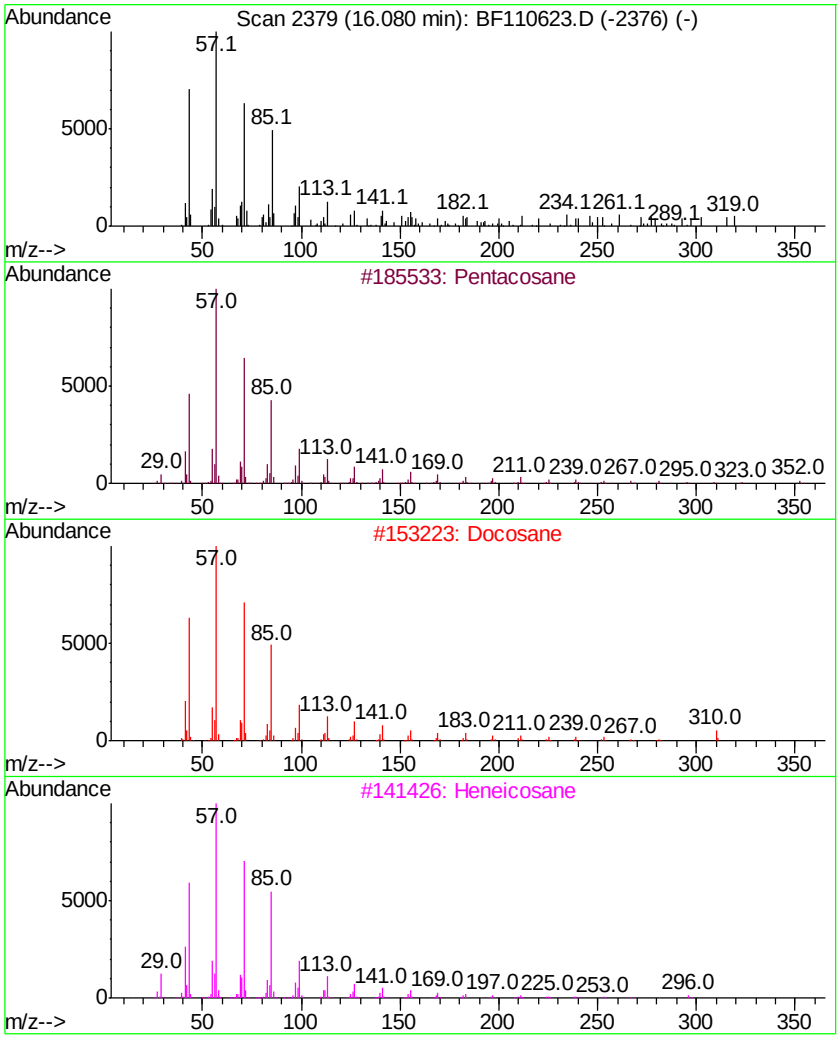
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

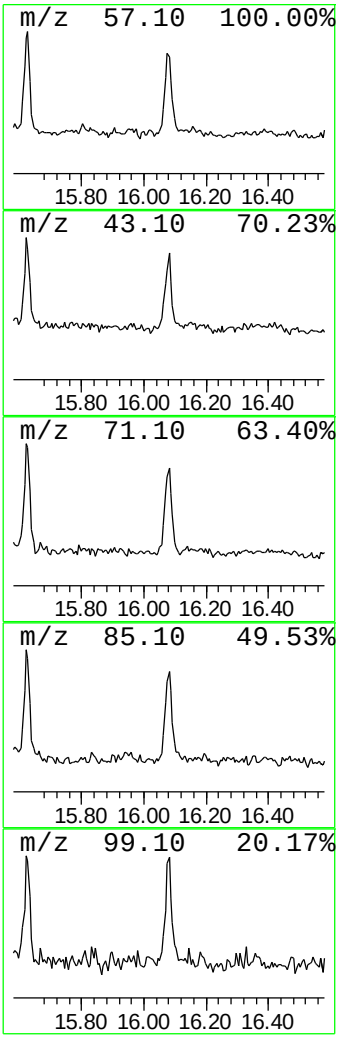
****

Peak Number 9 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	3.76 ng	61272	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	76
2	Docosane	310	C22H46	000629-97-0	68
3	Heneicosane	296	C21H44	000629-94-7	68
4	Heptadecane	240	C17H36	000629-78-7	68
5	Eicosane	282	C20H42	000112-95-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110918\
Data File : BF110623.D
Acq On : 9 Nov 2018 13:13
Operator : JU/SJ
Sample : J5762-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-110518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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...	2.23	6.9	ng	171664	1	6.95	500559	20.0
unknown6.71	6.71	41.1	ng	1029500	1	6.95	500559	20.0
2-Chloroethyl lin...	12.53	3.5	ng	85666	4	11.48	490609	20.0
10-Octadecenoic a...	12.56	5.5	ng	135219	4	11.48	490609	20.0
Heptadecyl heptaf...	13.95	4.2	ng	113791	5	14.13	546678	20.0
Octadecane	14.87	2.6	ng	71164	5	14.13	546678	20.0
Nonadecane, 9-met...	15.23	4.6	ng	75025	6	15.66	325605	20.0
Pentacosane	16.08	3.8	ng	61272	6	15.66	325605	20.0