LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
Data File : BF111792.D
Acq On : 28 Dec 2018 16:50
Operator : JU/SJ
Sample : J6193-13 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-122718-B

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-BF121918.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	2.193	14	18	23	rVB	72200	90121	4.96%	0.446%
2	5.110	511	514	522	rVB	96981	115004	6.34%	0.570%
3	5.540	582	587	590	rBV	1817226	1666065	91.78%	8.254%
4	6.540	753	757	763	rBV	1822527	1815344	100.00%	8.994%
5	6.675	776	780	784	rBV	1911533	1775288	97.79%	8.795%
6	6.904	815	819	822	rBV	1150001	921955	50.79%	4.568%
7	7.063	842	846	849	rBV	1526887	1346391	74.17%	6.670%
8	7.457	905	913	916	rBV	1267578	1061905	58.50%	5.261%
9	8.187	1031	1037	1040	rBV	1350630	1095450	60.34%	5.427%
10	8.245	1043	1047	1050	rVB3	16618	21861	1.20%	0.108%
11	8.775	1134	1137	1141	rBV	31902	26878	1.48%	0.133%
12	9.257	1215	1219	1222	rBV	2108150	1647551	90.76%	8.162%
13	9.339	1229	1233	1238	rBV2	41582	45120	2.49%	0.224%
14	9.528	1261	1265	1269	rVB5	12813	20385	1.12%	0.101%
15	9.645	1283	1285	1290	rVB	206580	178673	9.84%	0.885%
16	9.869	1319	1323	1326	rVB	33920	29971	1.65%	0.148%
17	9.939	1331	1335	1339	rVV	1160421	994943	54.81%	4.929%
18	9.975	1339	1341	1344	rVB	27540	24479	1.35%	0.121%
19	10.145	1365	1370	1374	rVB3	21522	26791	1.48%	0.133%
20	10.369	1406	1408	1411	rVB2	37476	26931	1.48%	0.133%
21	10.486	1425	1428	1435	rVB2	29078	31368	1.73%	0.155%
22	10.592	1441	1446	1449	rVB3	16793	21046	1.16%	0.104%
23	10.728	1465	1469	1473	rBV	1055059	870219	47.94%	4.311%
24	10.839	1486	1488	1490	rBV	35372	35264	1.94%	0.175%
25	11.286	1561	1564	1567	rBV	28926	32975	1.82%	0.163%
26	11.322	1567	1570	1576	rVB	30652	31167	1.72%	0.154%
27	11.428	1584	1588	1590	rBV	1013674	848718	46.75%	4.205%
28	11.451	1590	1592	1595	rVV	111938	96728	5.33%	0.479%
29	11.504	1598	1601	1604	rVB	39601	37161	2.05%	0.184%
30	11.716	1634	1637	1640	rBV2	30714	25612	1.41%	0.127%
31	11.816	1650	1654	1656	rBV	119609	104914	5.78%	0.520%
32	11.928	1670	1673	1675	rBV	27554	27801	1.53%	0.138%
33	11.957	1675	1678	1681	rVB	39125	38877	2.14%	0.193%
34	12.039	1689	1692	1694	rBV2	50579	47715	2.63%	0.236%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
Data File : BF111792.D
Acq On : 28 Dec 2018 16:50
Operator : JU/SJ
Sample : J6193-13 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-122718-B

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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.063	1694	1696	1700	rVB	24331	20780	1.14%	0.103%
36	12.122	1704	1706	1710	rVB2	22355	20773	1.14%	0.103%
37	12.498	1767	1770	1772	rBV	432751	377531	20.80%	1.870%
38	12.522	1772	1774	1779	rVB2	333402	283606	15.62%	1.405%
39	12.604	1785	1788	1791	rBV2	55555	50201	2.77%	0.249%
40	12.639	1791	1794	1798	rVV	195680	158052	8.71%	0.783%
41	12.869	1828	1833	1840	rVB	189702	204342	11.26%	1.012%
42	13.010	1853	1857	1860	rBV	1604243	1369905	75.46%	6.787%
43	13.180	1883	1886	1887	rBV3	21006	25109	1.38%	0.124%
44	13.192	1887	1888	1891	rVB2	43275	36034	1.98%	0.179%
45	13.239	1894	1896	1898	rVV2	32381	27636	1.52%	0.137%
46	13.263	1898	1900	1904	rVB	29207	25881	1.43%	0.128%
47	13.304	1904	1907	1910	rBV2	32030	40808	2.25%	0.202%
48	13.422	1925	1927	1930	rBV	24337	22319	1.23%	0.111%
49	13.580	1952	1954	1957	rBV	34978	34538	1.90%	0.171%
50	13.910	2007	2010	2015	rVB2	93889	106383	5.86%	0.527%
51	14.069	2032	2037	2040	rBV	1165241	1155380	63.65%	5.724%
52	14.092	2040	2041	2043	rVB	94048	45528	2.51%	0.226%
53	14.227	2062	2064	2066	rBV	62258	41959	2.31%	0.208%
54	14.539	2114	2117	2122	rBV2	87999	120679	6.65%	0.598%
55	15.563	2286	2291	2295	rBV	635675	836324	46.07%	4.143%

Sum of corrected areas: 20184439

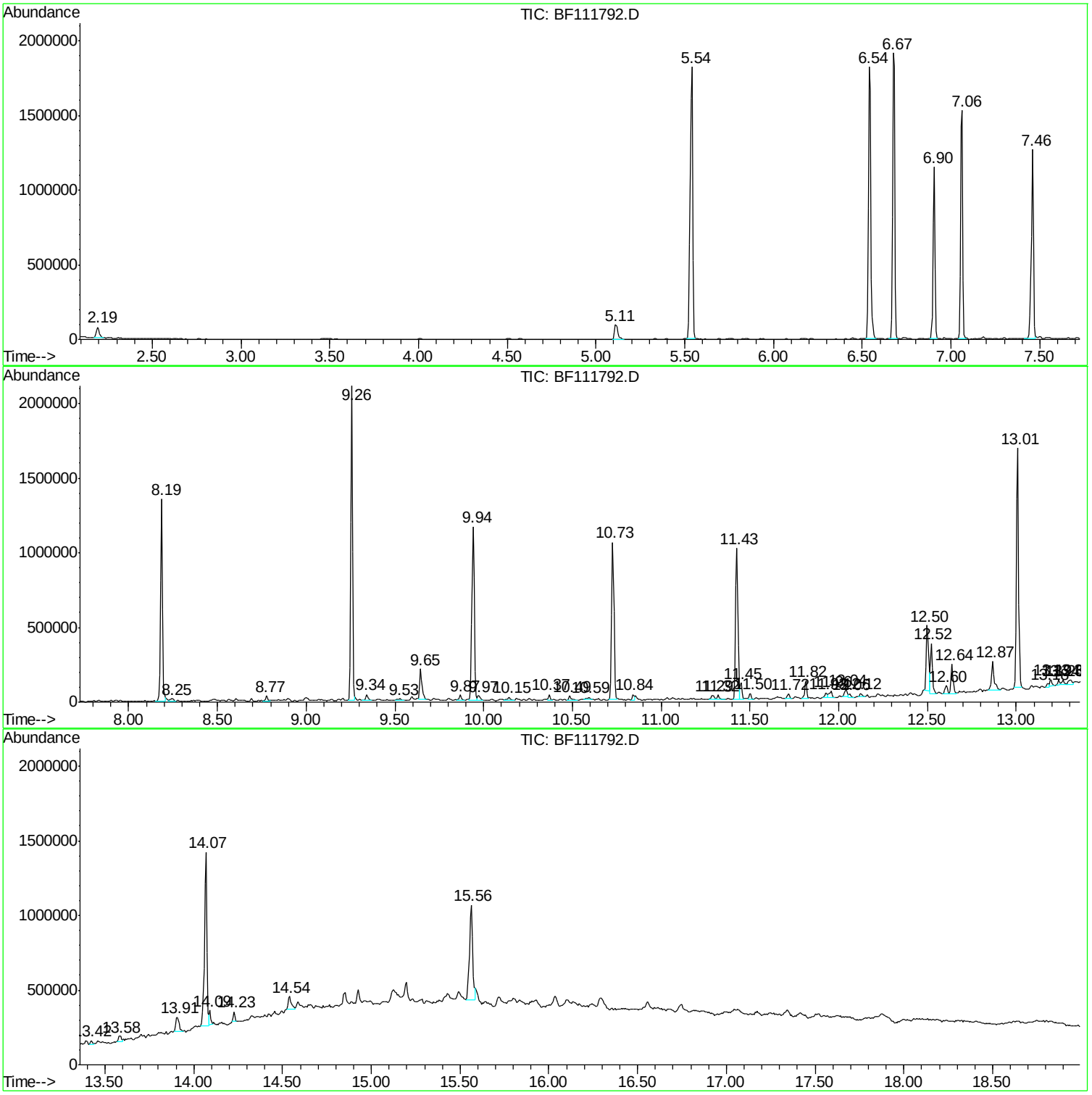
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
Data File : BF111792.D
Acq On : 28 Dec 2018 16:50
Operator : JU/SJ
Sample : J6193-13 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-122718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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\BF122818\
Data File : BF111792.D
Acq On : 28 Dec 2018 16:50
Operator : JU/SJ
Sample : J6193-13 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-122718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

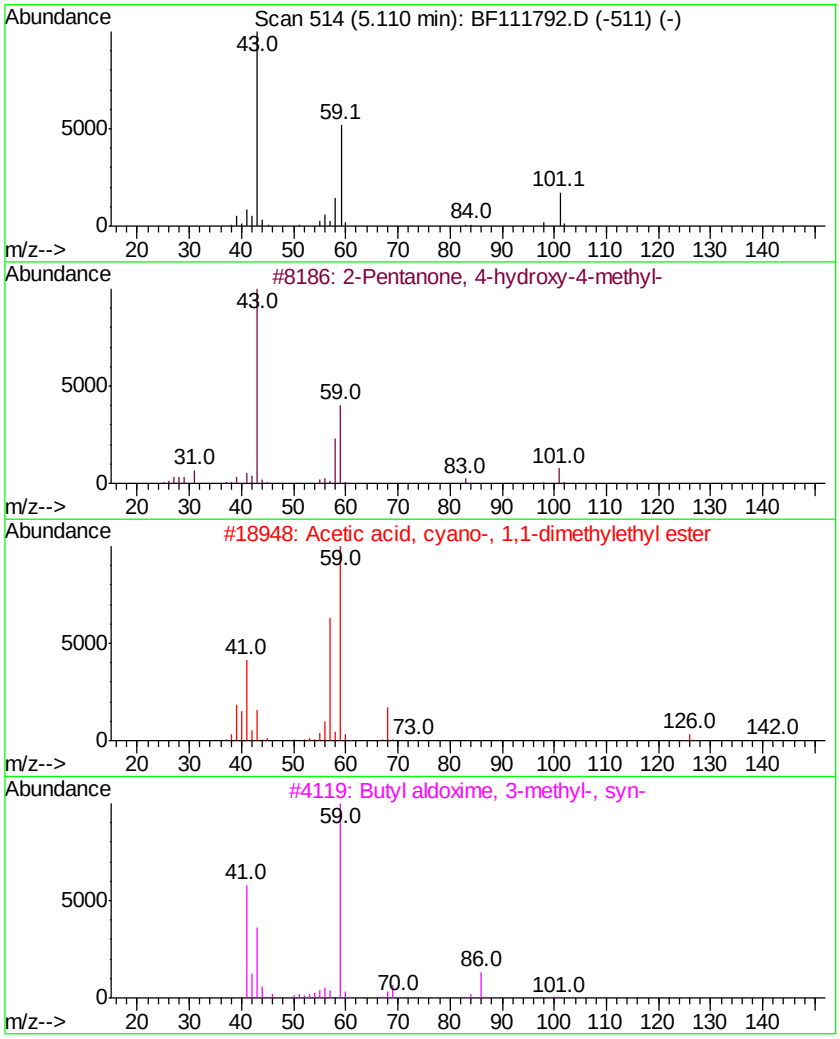
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

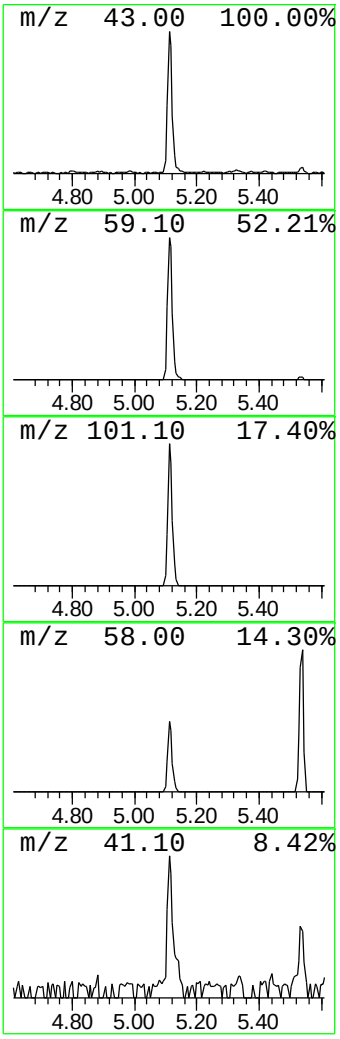
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	2.49 ng	115004	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
Data File : BF111792.D
Acq On : 28 Dec 2018 16:50
Operator : JU/SJ
Sample : J6193-13 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-122718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

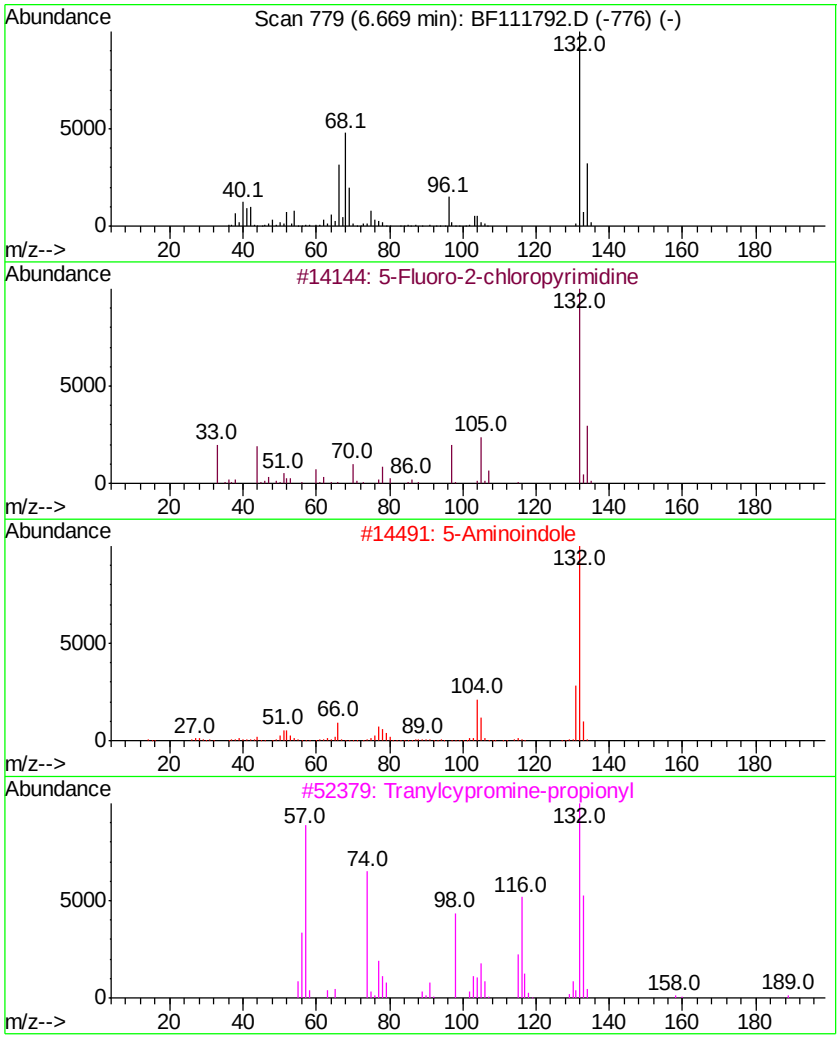
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

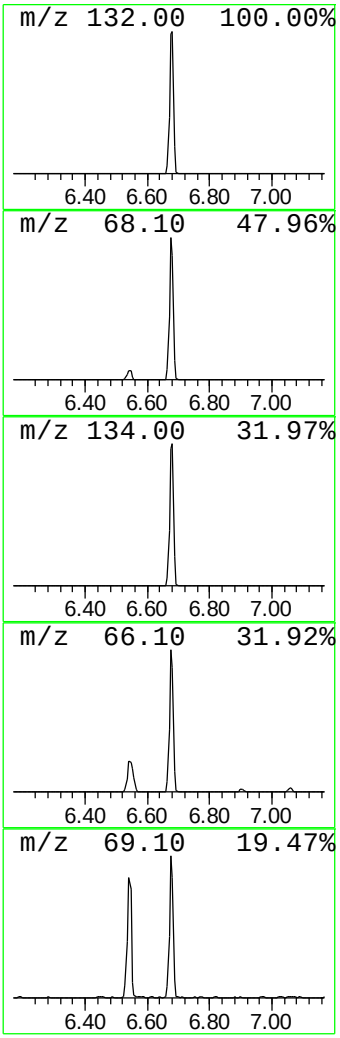
****

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	38.51 ng	1775290	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
Data File : BF111792.D
Acq On : 28 Dec 2018 16:50
Operator : JU/SJ
Sample : J6193-13 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-122718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

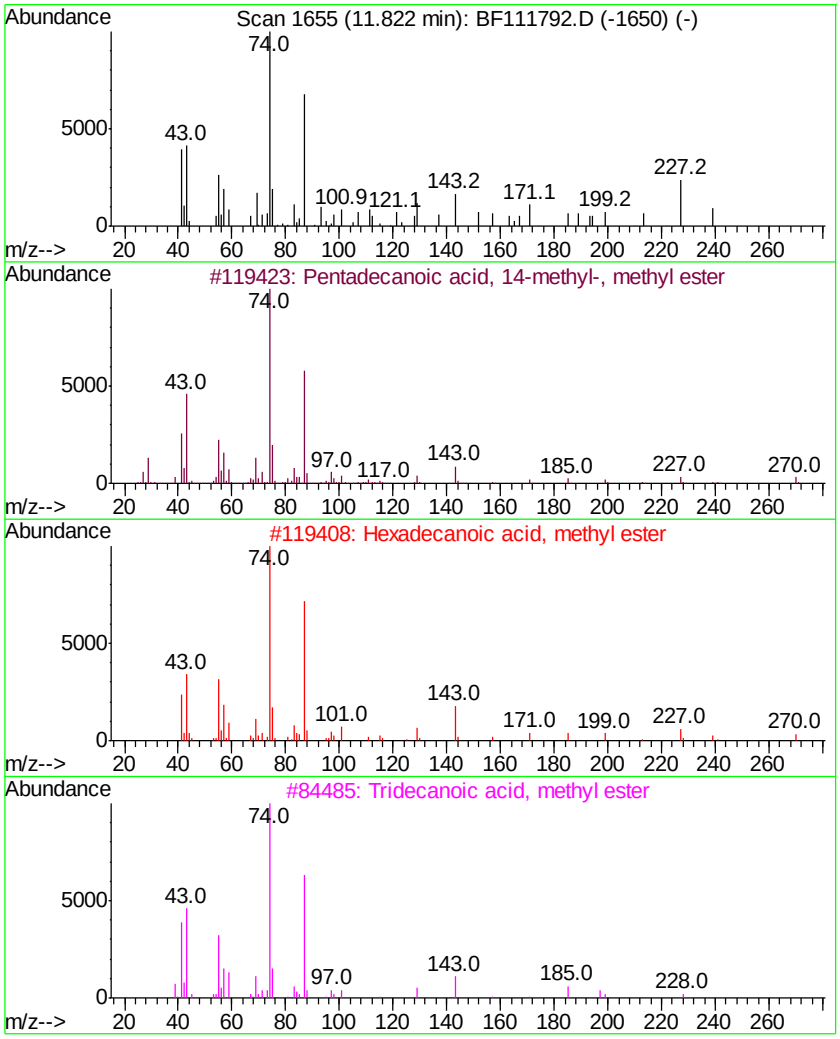
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

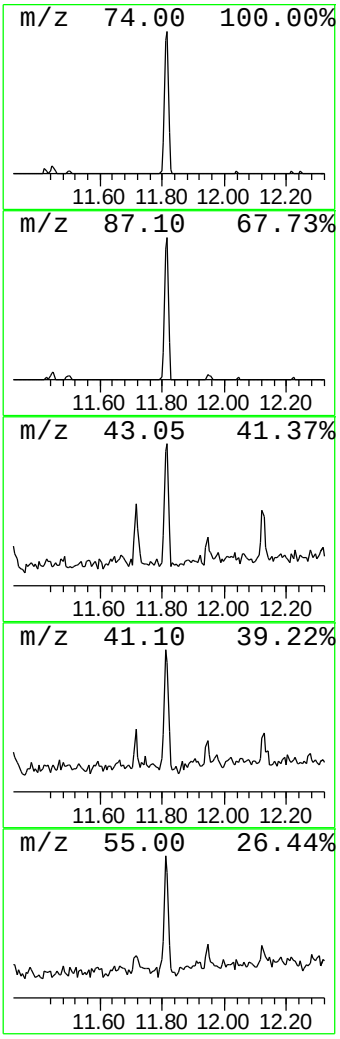
****

Peak Number 4 Pentadecanoic acid, 14-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.47 ng	104914	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
Data File : BF111792.D
Acq On : 28 Dec 2018 16:50
Operator : JU/SJ
Sample : J6193-13 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-122718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

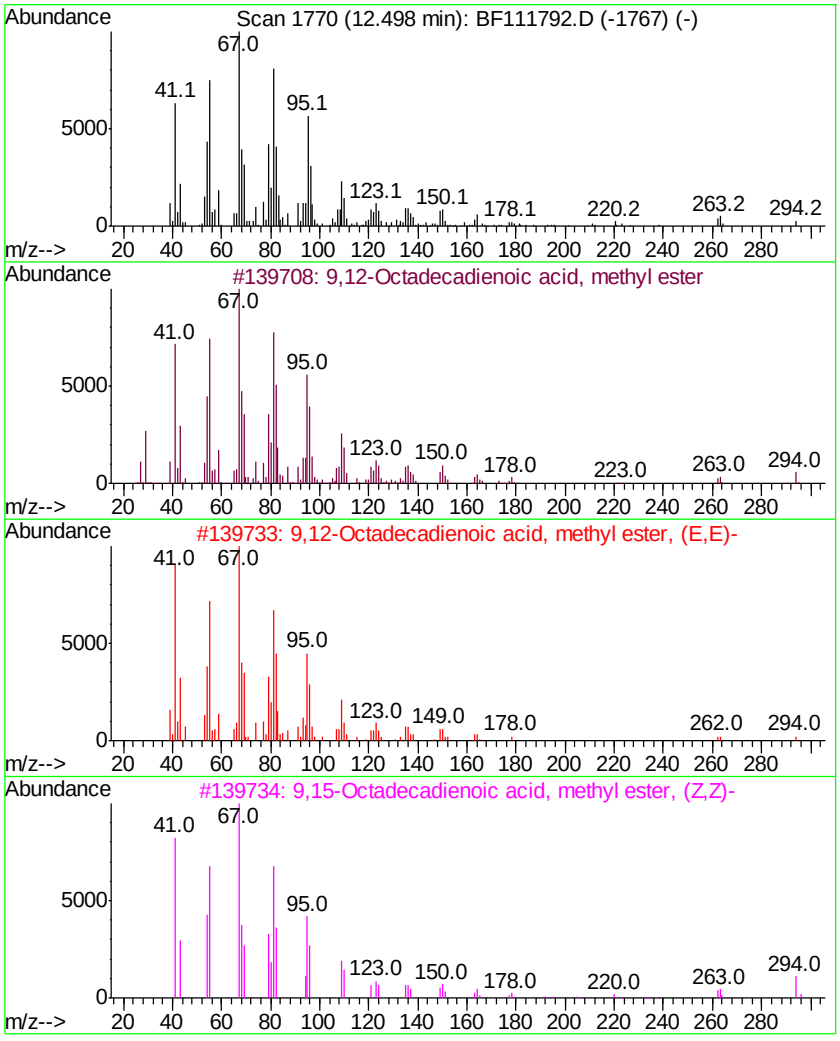
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

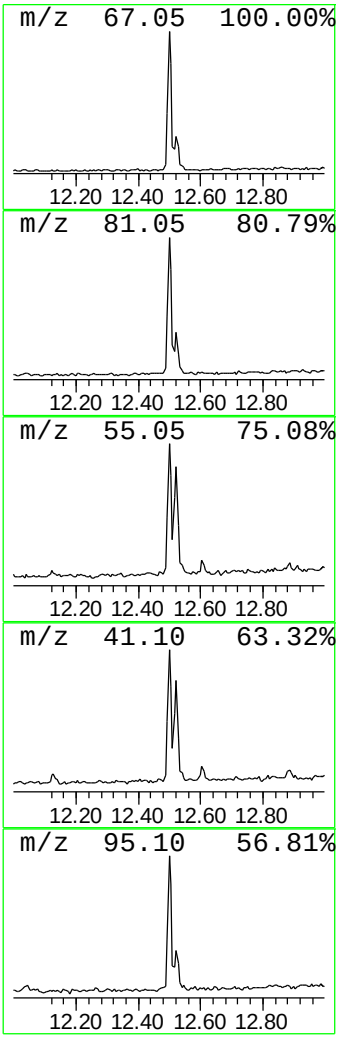
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	8.90 ng	377531	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
5	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
Data File : BF111792.D
Acq On : 28 Dec 2018 16:50
Operator : JU/SJ
Sample : J6193-13 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-122718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

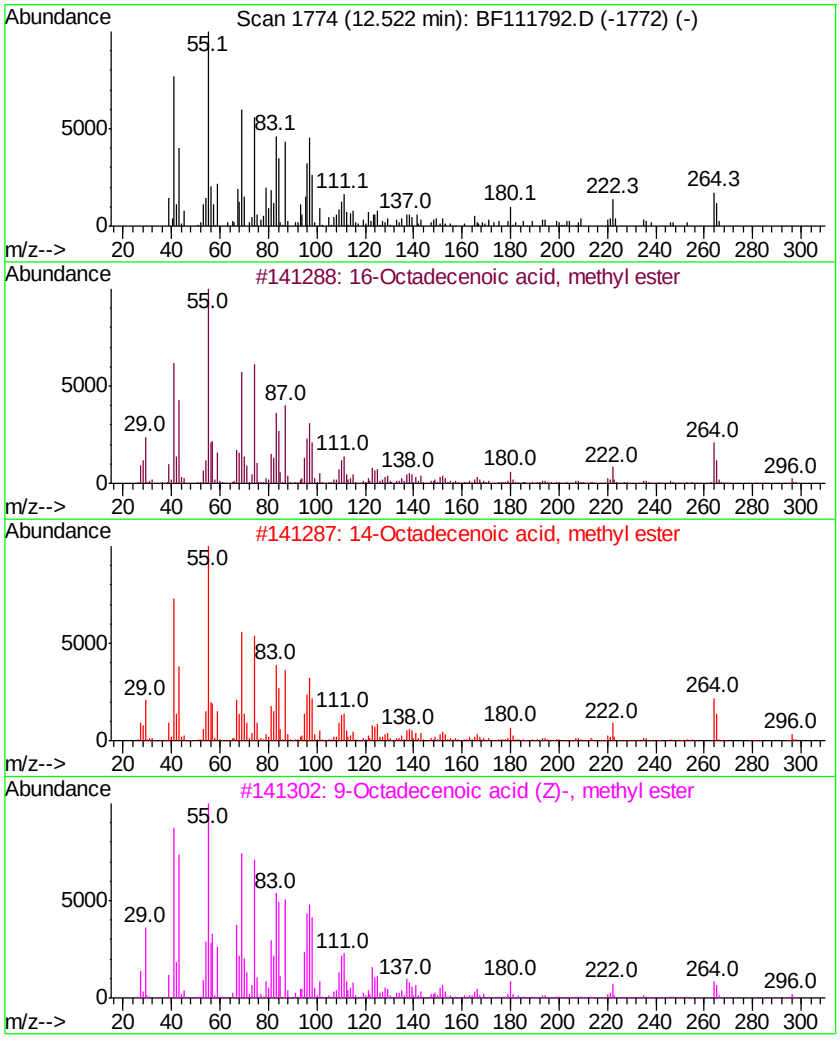
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

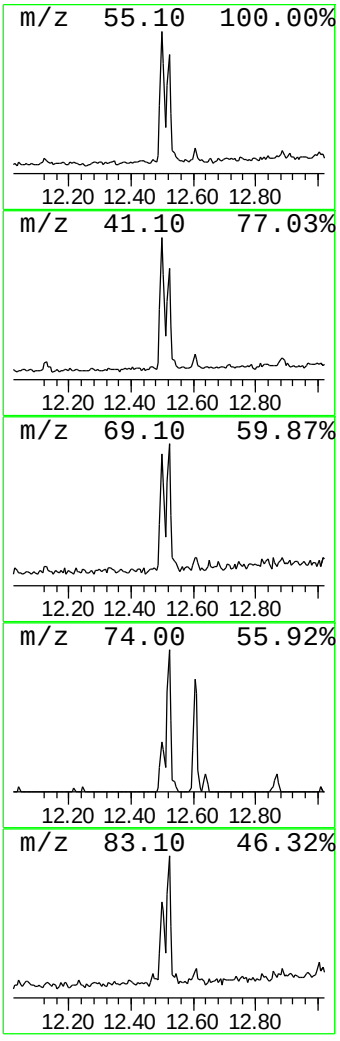
****

Peak Number 6 16-Octadecenoic acid, methy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	6.68 ng	283606	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	91
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	87
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	87
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	86
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
Data File : BF111792.D
Acq On : 28 Dec 2018 16:50
Operator : JU/SJ
Sample : J6193-13 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-122718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

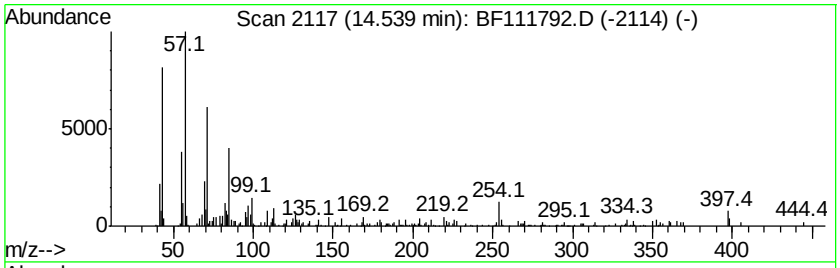
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

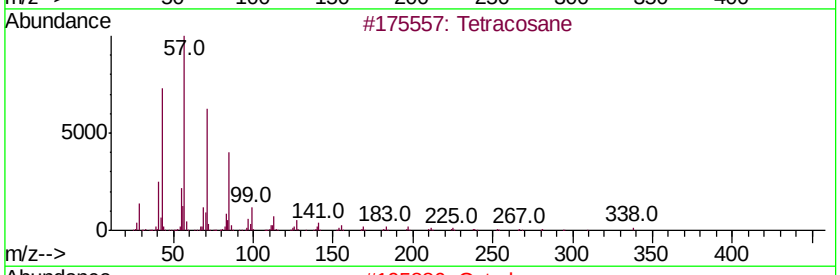
****

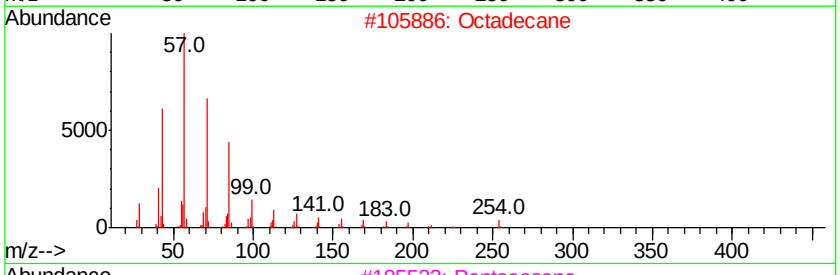
Peak Number 7 Tetracosane Concentration Rank 7

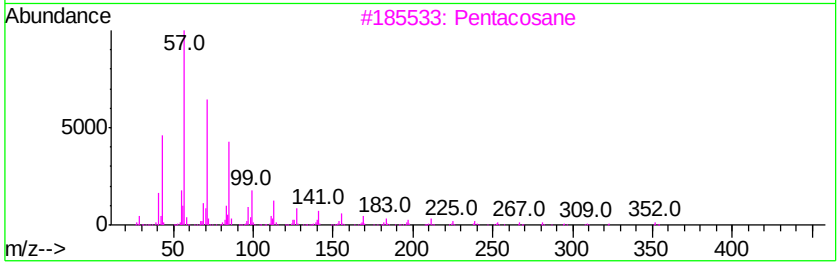
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	2.09 ng	120679	Chrysene-d12	14.07

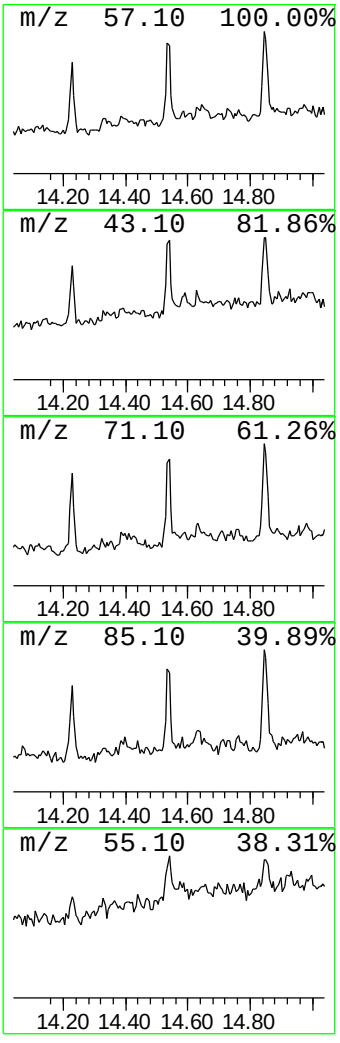
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Octadecane	254	C18H38	000593-45-3	91
3	Pentacosane	352	C25H52	000629-99-2	90
4	Hexadecane	226	C16H34	000544-76-3	89
5	Nonadecane	268	C19H40	000629-92-5	76











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122818\
Data File : BF111792.D
Acq On : 28 Dec 2018 16:50
Operator : JU/SJ
Sample : J6193-13 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-122718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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
2-Pentanone, 4-hy...	5.11	2.5	ng	115004	1	6.90	921955	20.0
unknown6.67	6.67	38.5	ng	1775290	1	6.90	921955	20.0
Pentadecanoic aci...	11.82	2.5	ng	104914	4	11.43	848718	20.0
9,12-Octadecadien...	12.50	8.9	ng	377531	4	11.43	848718	20.0
16-Octadecenoic a...	12.52	6.7	ng	283606	4	11.43	848718	20.0
Tetracosane	14.54	2.1	ng	120679	5	14.07	1155380	20.0