LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110424.D
Acq On : 2 Nov 2018 20:57
Operator : JU/SJ
Sample : J5767-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-110118-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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	2.257	25	29	36	rVB	89469	115748	7.22%	1.075%
2	5.569	588	592	602	rBV	436992	420560	26.24%	3.905%
3	6.569	759	762	775	rBV	450615	466814	29.12%	4.335%
4	6.722	784	788	796	rBV	512295	472553	29.48%	4.388%
5	6.951	824	827	843	rVB	558232	526957	32.87%	4.893%
6	7.110	850	854	865	rBV	376474	357182	22.28%	3.317%
7	7.516	919	923	935	rBV	240554	278301	17.36%	2.584%
8	8.239	1041	1046	1062	rVB	624070	674063	42.05%	6.259%
9	9.310	1224	1228	1237	rBV	475765	467807	29.18%	4.344%
10	9.704	1290	1295	1300	rBV	52826	62026	3.87%	0.576%
11	9.910	1326	1330	1335	rBV	19045	17265	1.08%	0.160%
12	9.998	1341	1345	1357	rVB	641877	655215	40.87%	6.084%
13	10.404	1409	1414	1417	rBV	39856	35885	2.24%	0.333%
14	10.627	1446	1452	1454	rBV4	13894	17835	1.11%	0.166%
15	10.786	1476	1479	1487	rBV	174920	185718	11.59%	1.724%
16	10.880	1492	1495	1505	rVV	34666	44517	2.78%	0.413%
17	11.327	1569	1571	1574	rBV	28885	22297	1.39%	0.207%
18	11.486	1594	1598	1601	rBV	540832	518282	32.33%	4.813%
19	11.751	1640	1643	1646	rBV	23229	18179	1.13%	0.169%
20	11.857	1657	1661	1665	rBV	511147	389759	24.31%	3.619%
21	11.992	1681	1684	1686	rBV	19601	19233	1.20%	0.179%
22	12.104	1700	1703	1705	rBV2	21337	21543	1.34%	0.200%
23	12.163	1710	1713	1718	rBV	18040	17237	1.08%	0.160%
24	12.545	1774	1778	1780	rBV	1800043	1603005	100.00%	14.885%
25	12.568	1780	1782	1789	rVV2	958764	889092	55.46%	8.256%
26	12.645	1792	1795	1799	rVB	178724	160171	9.99%	1.487%
27	12.704	1801	1805	1809	rBV	149333	129317	8.07%	1.201%
28	12.933	1838	1844	1850	rBV	131666	156562	9.77%	1.454%
29	13.062	1863	1866	1875	rVB	338085	328372	20.48%	3.049%
30	13.262	1893	1900	1905	rBV3	20448	48618	3.03%	0.451%
31	13.368	1913	1918	1921	rBV3	28954	36533	2.28%	0.339%
32	13.951	2012	2017	2021	rBV4	36420	62850	3.92%	0.584%
33	14.039	2030	2032	2036	rBV3	18112	21190	1.32%	0.197%
34	14.133	2043	2048	2051	rBV2	560729	601733	37.54%	5.587%

LSC Area Percent Report

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Data File : BF110424.D
Acq On : 2 Nov 2018 20:57
Operator : JU/SJ
Sample : J5767-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-110118-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.156	2051	2052	2059	rVB	84825	72142	4.50%	0.670%
36	14.886	2173	2176	2178	rVB	31470	31722	1.98%	0.295%
37	15.204	2226	2230	2233	rBV	50651	79100	4.93%	0.734%
38	15.233	2233	2235	2240	rVB	71055	74006	4.62%	0.687%
39	15.521	2281	2284	2288	rVB	40907	48440	3.02%	0.450%
40	15.586	2291	2295	2299	rBV	51158	79977	4.99%	0.743%
41	15.656	2300	2307	2312	rVV	257217	381905	23.82%	3.546%
42	16.086	2376	2380	2386	rVB	49159	72321	4.51%	0.672%
43	16.621	2465	2471	2476	rBV4	37156	87408	5.45%	0.812%

Sum of corrected areas: 10769440

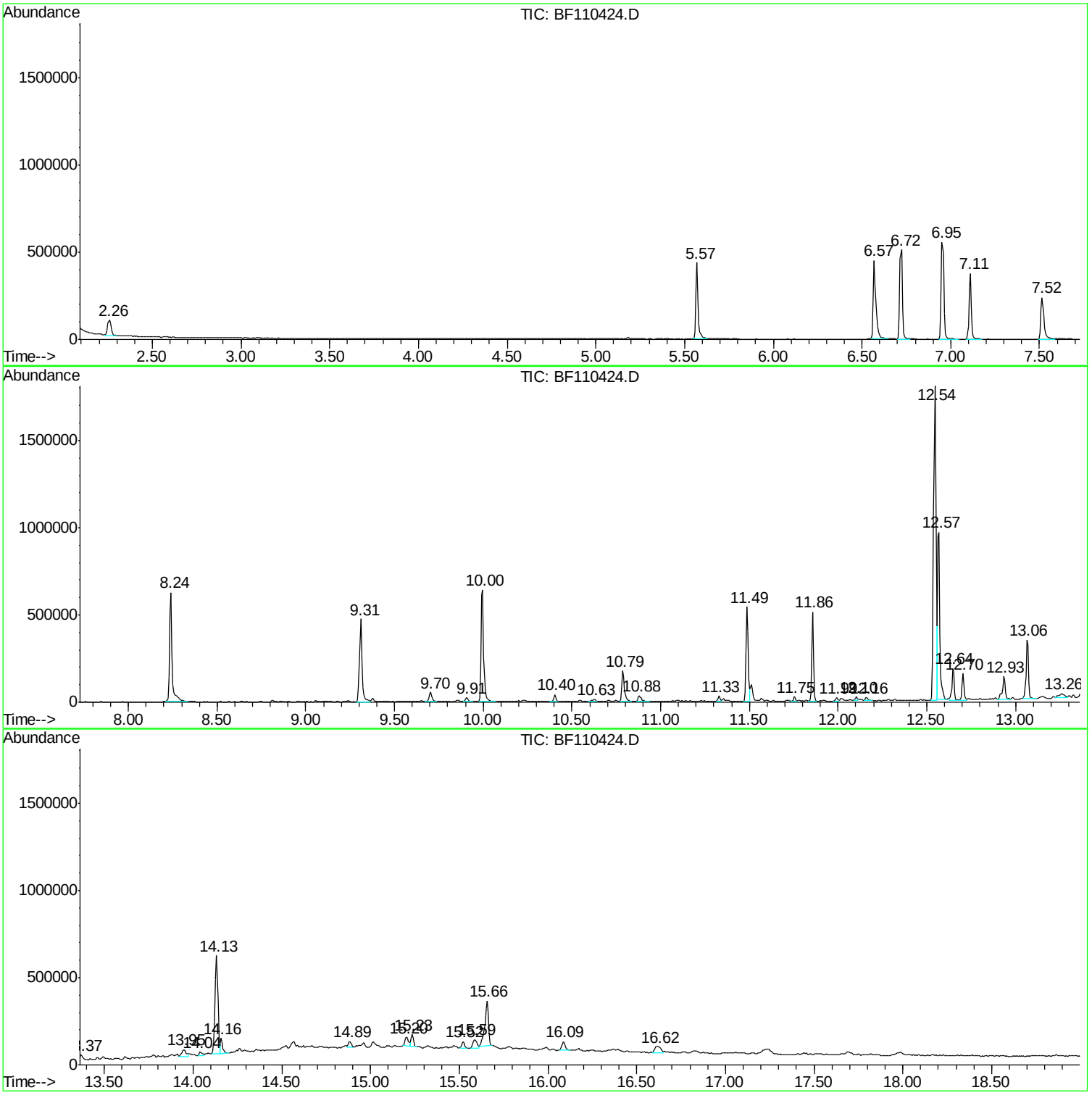
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110424.D
Acq On : 2 Nov 2018 20:57
Operator : JU/SJ
Sample : J5767-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-110118-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110424.D
Acq On : 2 Nov 2018 20:57
Operator : JU/SJ
Sample : J5767-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-110118-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

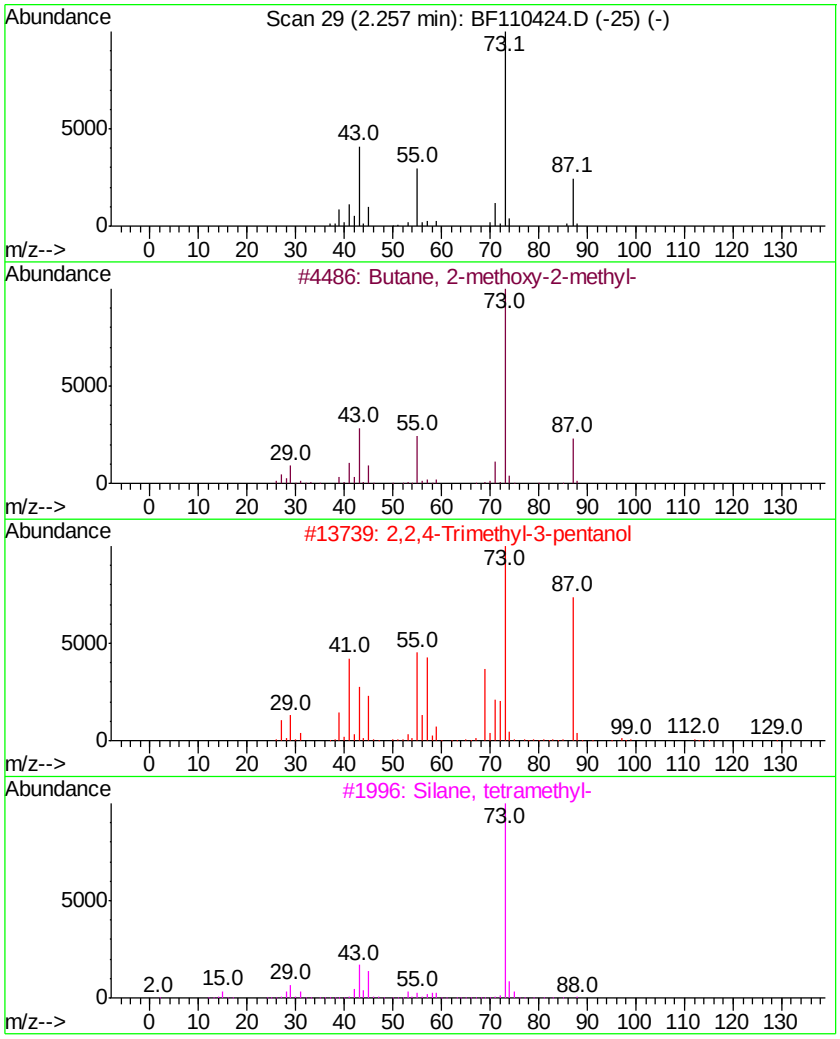
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

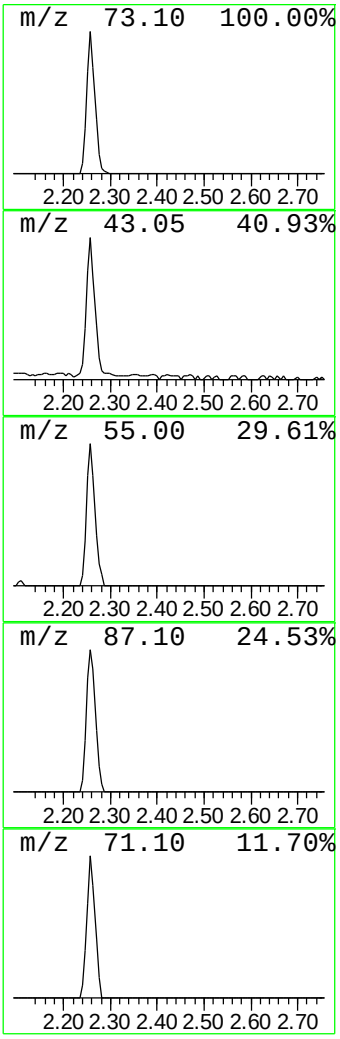
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	4.39 ng	115748	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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110424.D
Acq On : 2 Nov 2018 20:57
Operator : JU/SJ
Sample : J5767-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-110118-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

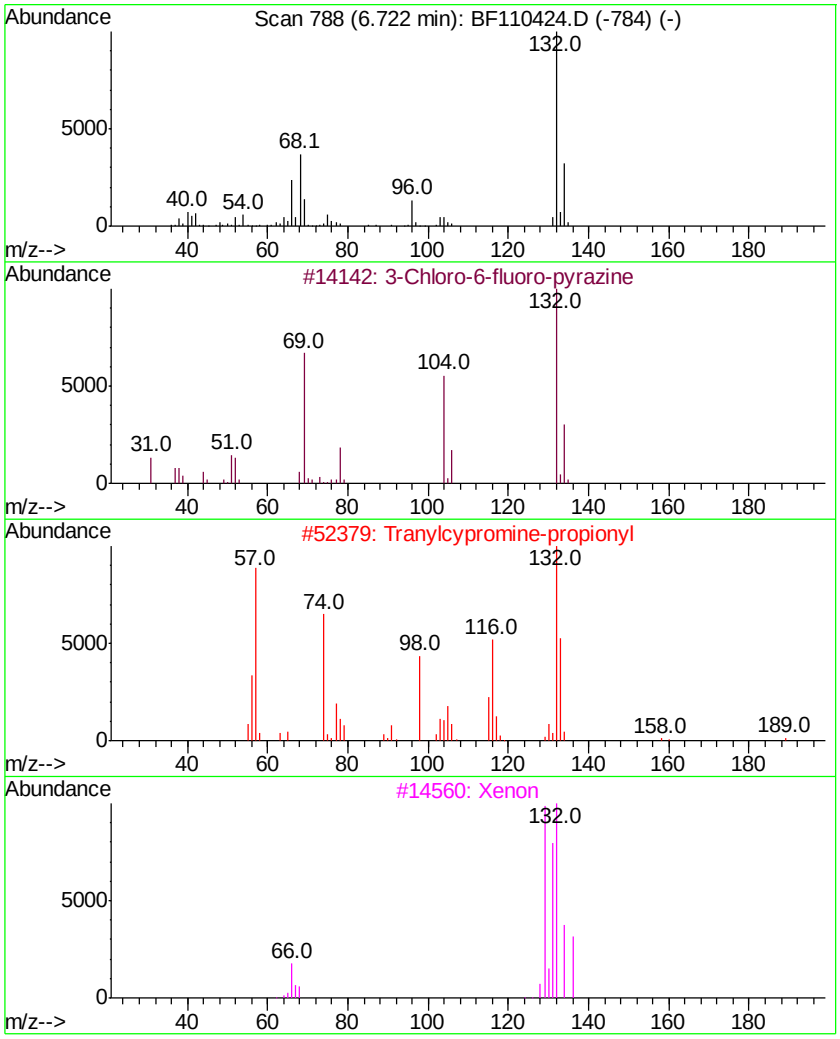
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

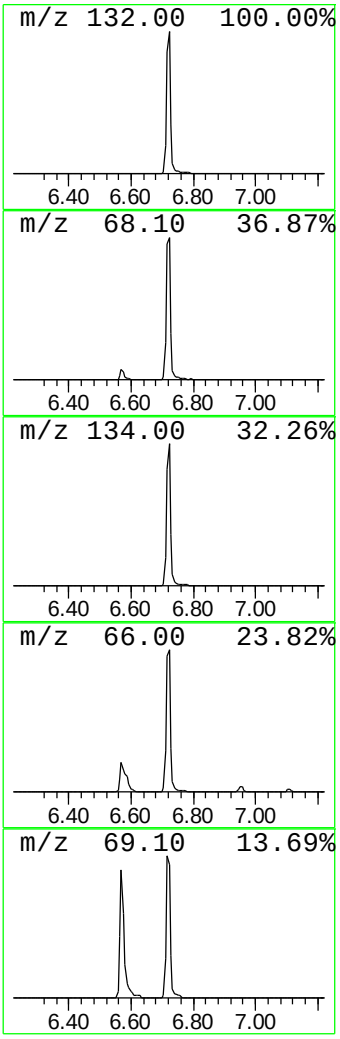
****

Peak Number 2 unknown6.72 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	17.94 ng	472553	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	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110424.D
Acq On : 2 Nov 2018 20:57
Operator : JU/SJ
Sample : J5767-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-110118-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

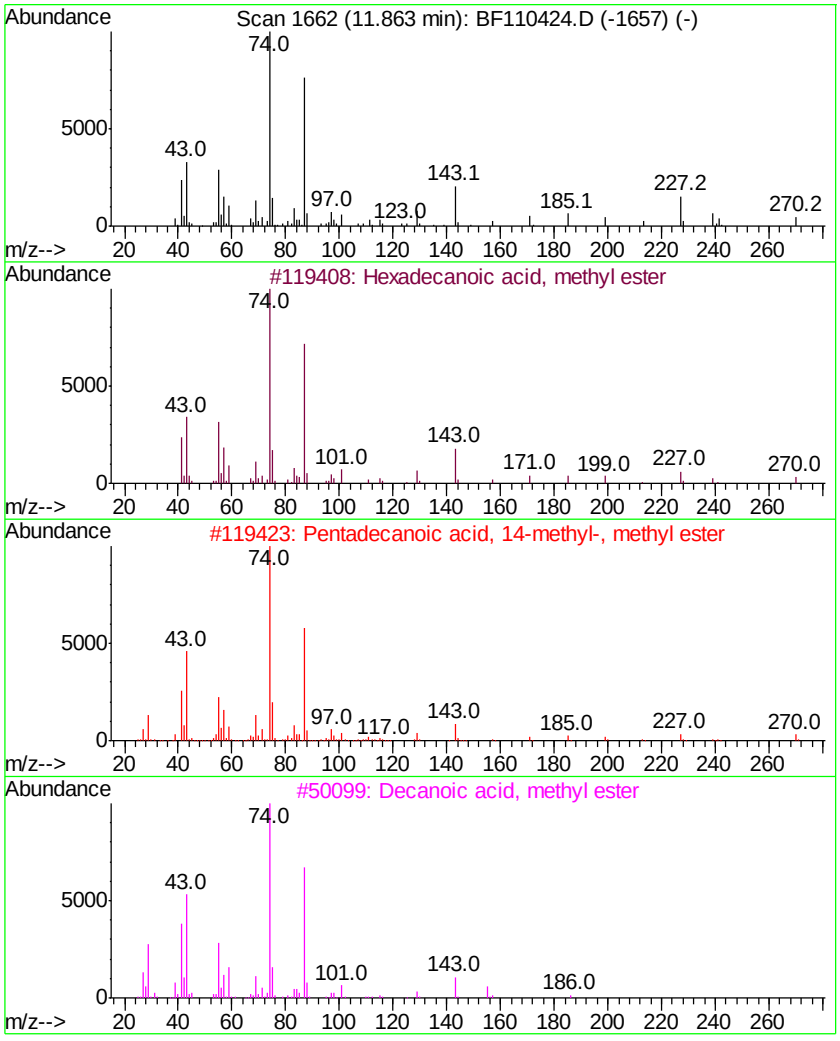
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

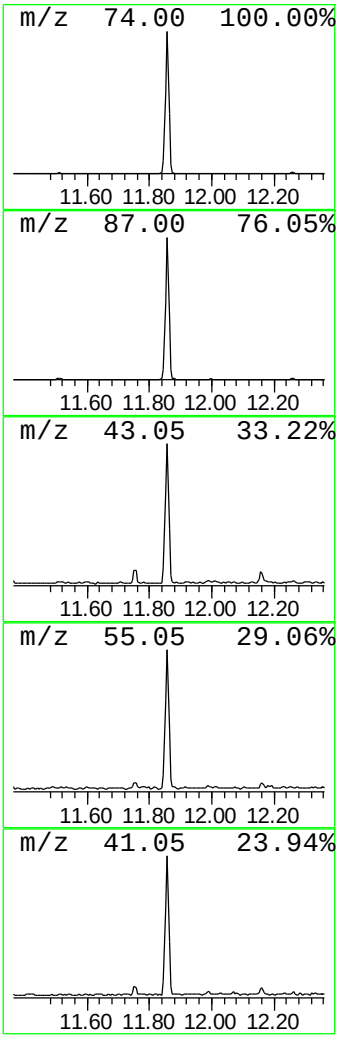
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	15.04 ng	389759	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110424.D
Acq On : 2 Nov 2018 20:57
Operator : JU/SJ
Sample : J5767-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-110118-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

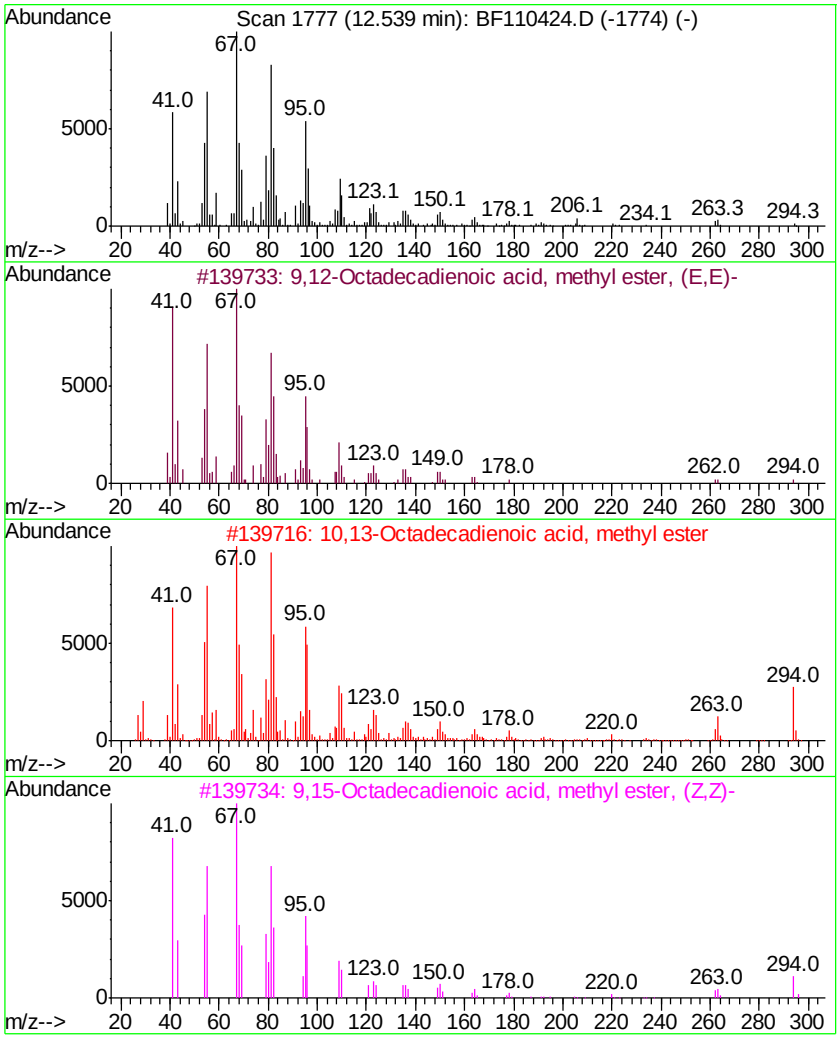
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

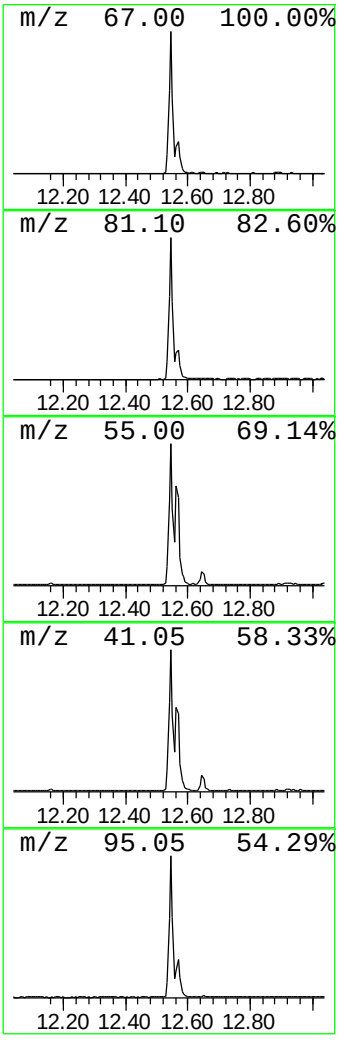
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	61.86 ng	1603010	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	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
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Acq On : 2 Nov 2018 20:57
Operator : JU/SJ
Sample : J5767-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-110118-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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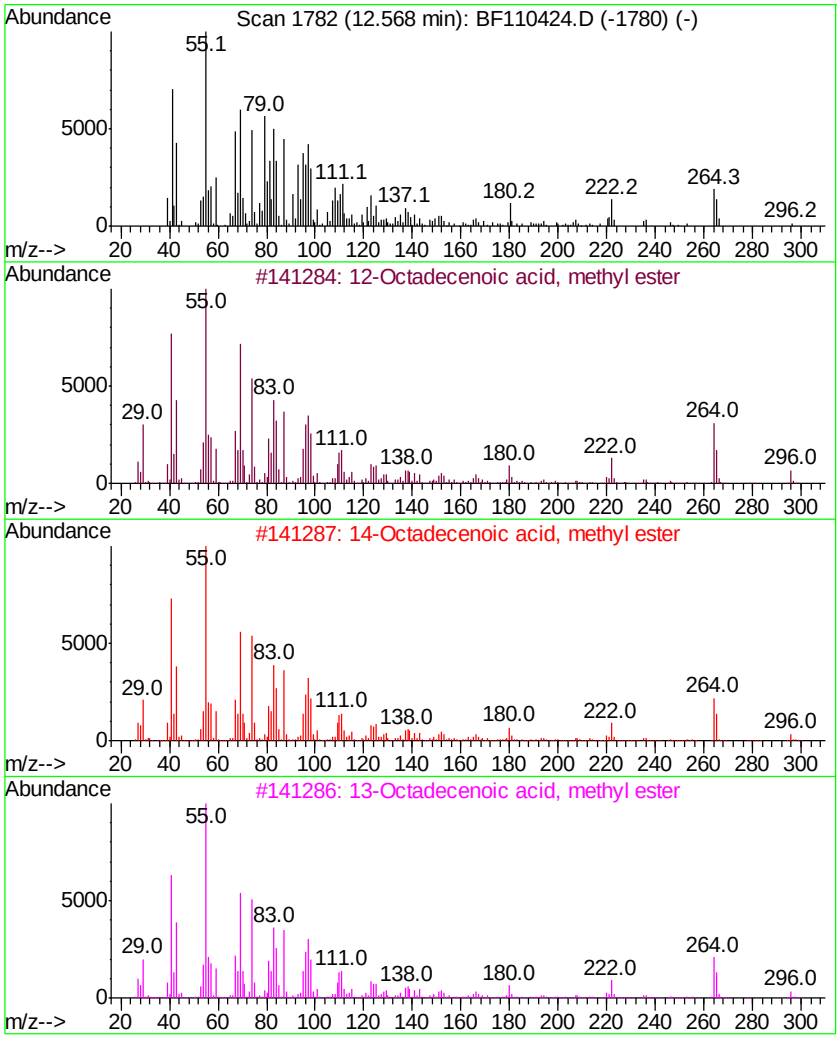
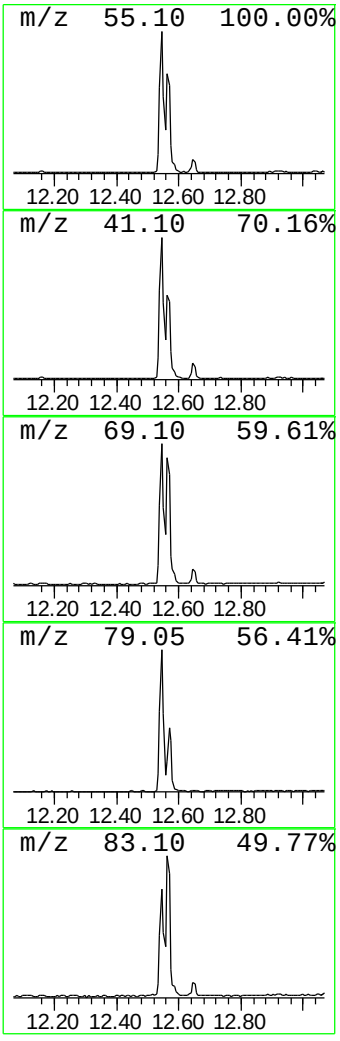
****

Peak Number 6 12-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	34.31 ng	889092	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	98
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	98
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95





Library Search Compound Report

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Data File : BF110424.D
Acq On : 2 Nov 2018 20:57
Operator : JU/SJ
Sample : J5767-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-110118-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

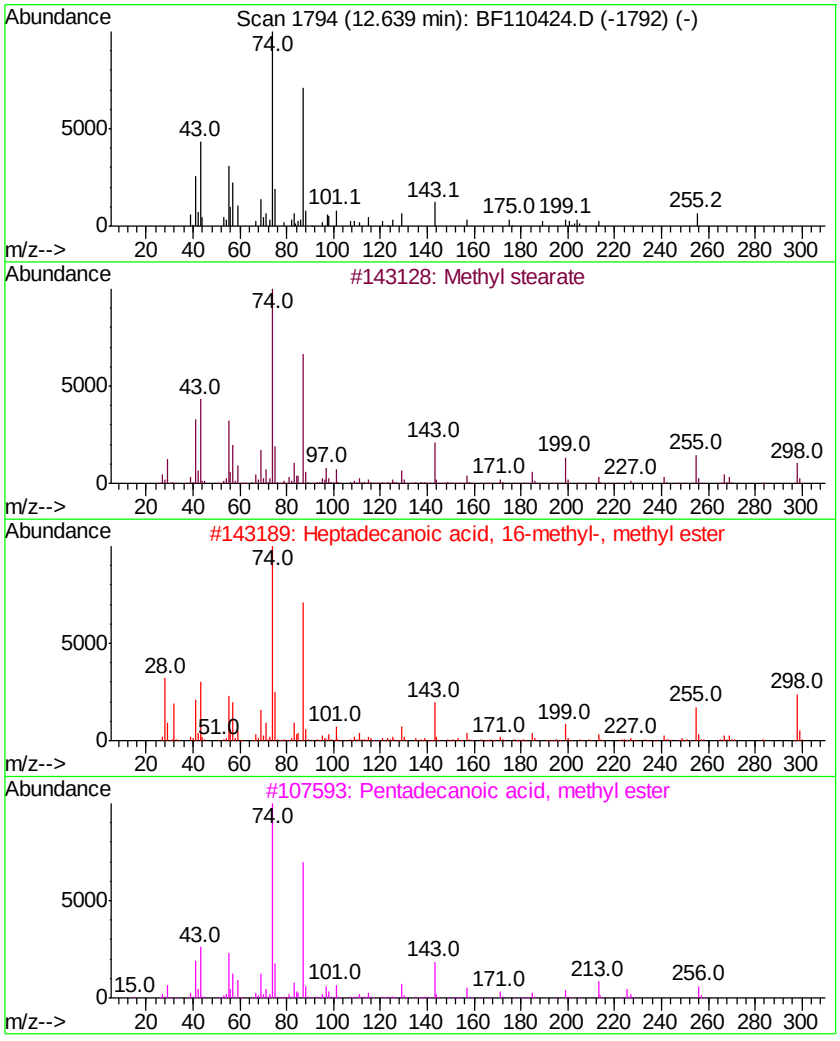
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

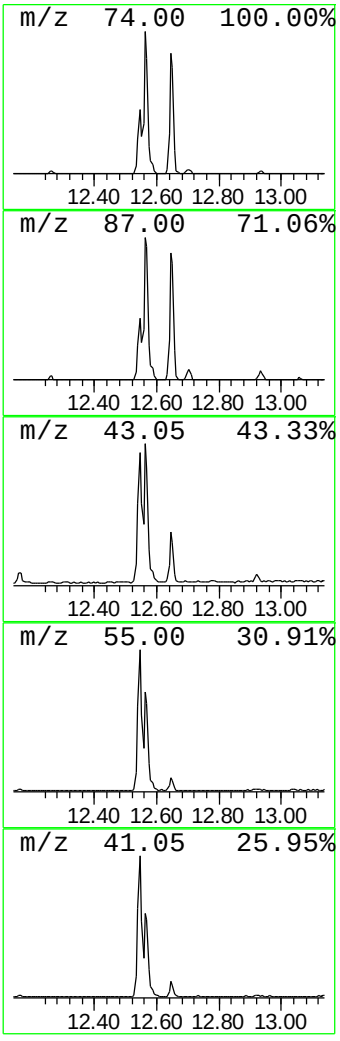
****

Peak Number 7 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	6.18 ng	160171	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	96
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	91
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
5	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90





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Operator : JU/SJ
Sample : J5767-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-110118-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

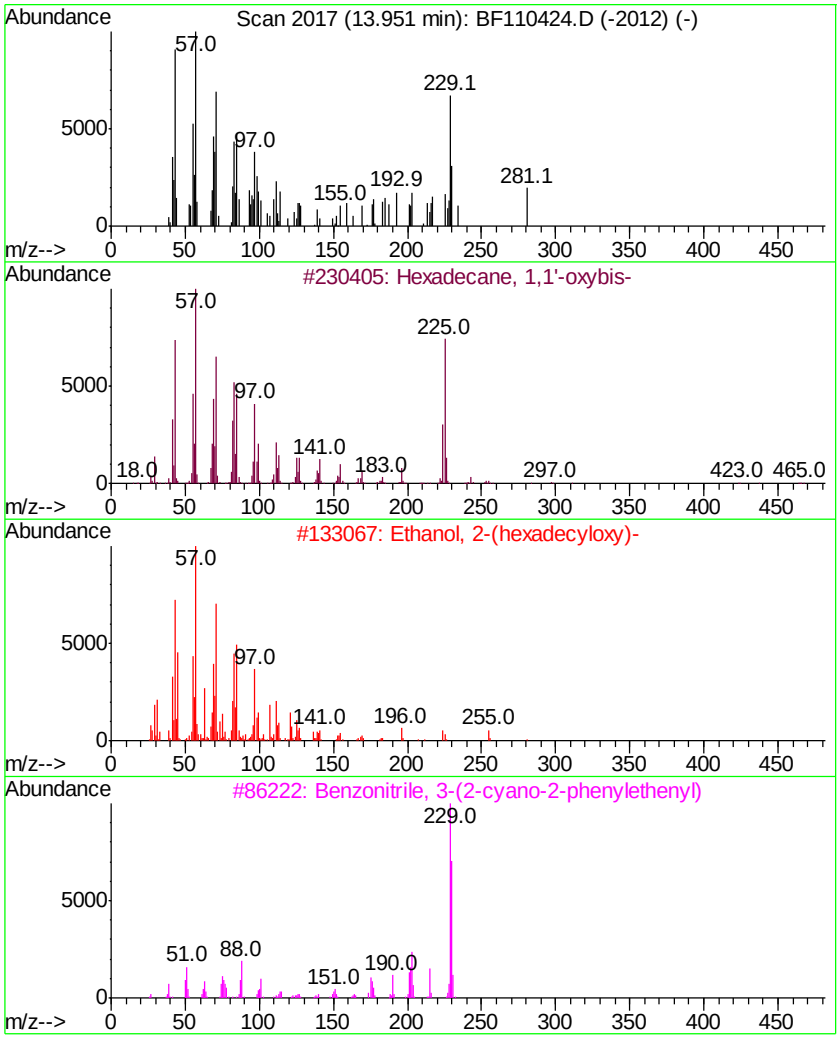
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

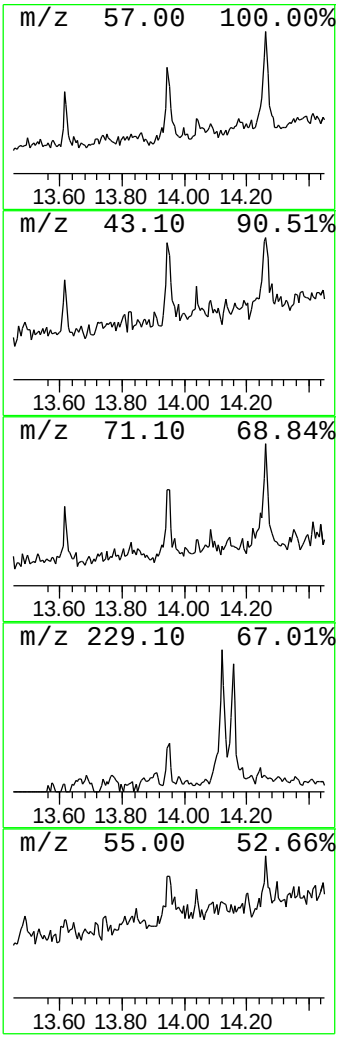
****

Peak Number 8 unknown13.95 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.09 ng	62850	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1,1'-oxybis-	467	C32H66O	004113-12-6	38
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	27
3	Benzonitrile, 3-(2-cyano-2-phenv...	230	C16H10N2	147728-29-8	18
4	3(2H)-Furanone, dihydro-5-isopro...	128	C7H12O2	034004-69-8	15
5	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	11





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110424.D
Acq On : 2 Nov 2018 20:57
Operator : JU/SJ
Sample : J5767-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-110118-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

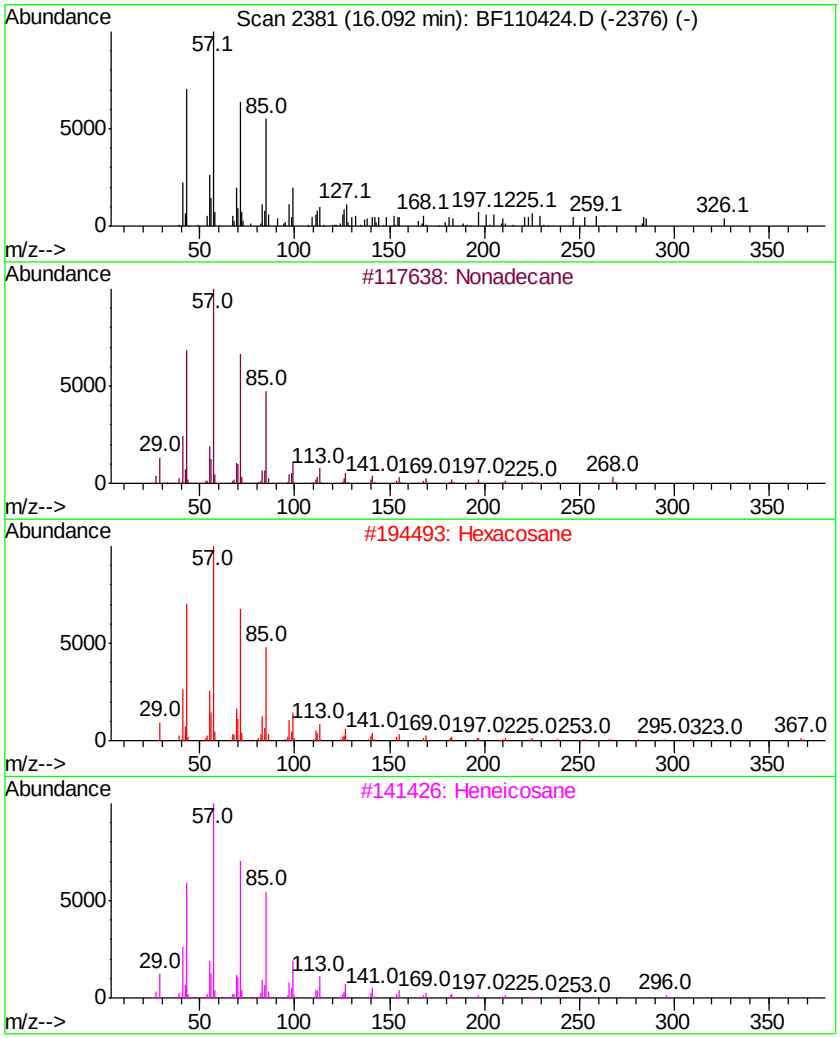
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

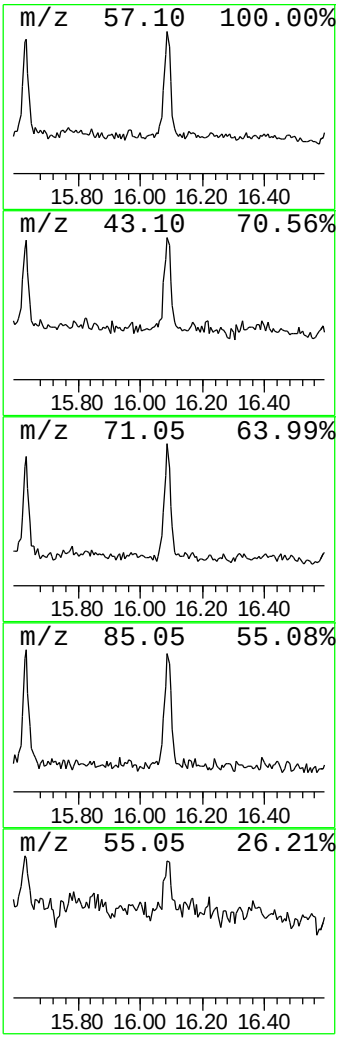
****

Peak Number 10 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	3.79 ng	72321	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	83
5	Pentacosane	352	C25H52	000629-99-2	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110424.D
Acq On : 2 Nov 2018 20:57
Operator : JU/SJ
Sample : J5767-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-110118-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

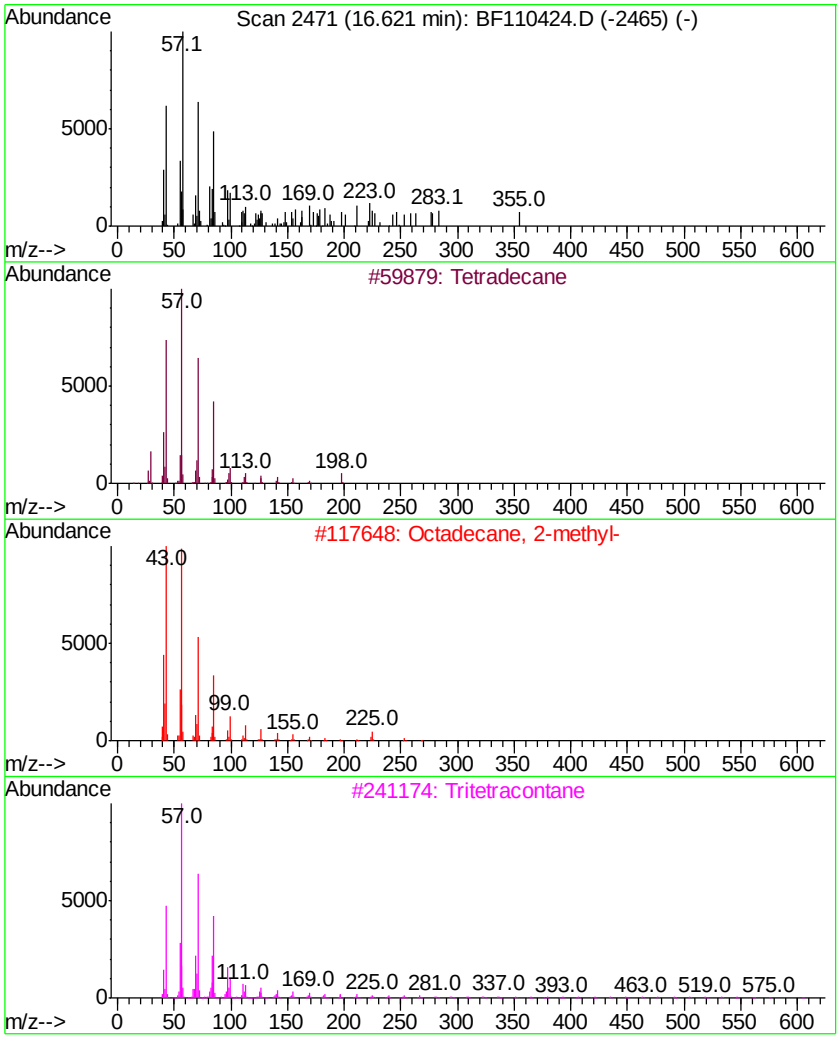
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

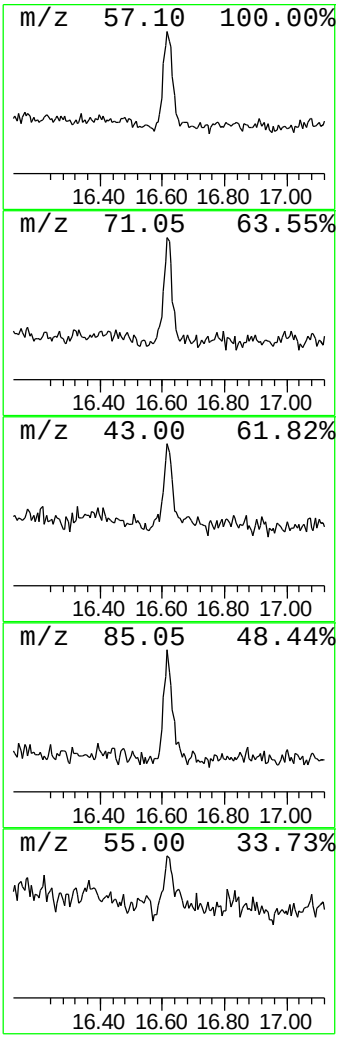
****

Peak Number 11 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	4.58 ng	87408	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	49
3	Tritetracontane	605	C43H88	007098-21-7	49
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49
5	Tetracosane	338	C24H50	000646-31-1	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110218\
Data File : BF110424.D
Acq On : 2 Nov 2018 20:57
Operator : JU/SJ
Sample : J5767-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-110118-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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...	2.26	4.4	ng	115748	1	6.95	526957	20.0
unknown6.72	6.72	17.9	ng	472553	1	6.95	526957	20.0
Hexadecanoic acid...	11.86	15.0	ng	389759	4	11.49	518282	20.0
9,12-Octadecadien...	12.54	61.9	ng	1603010	4	11.49	518282	20.0
12-Octadecenoic a...	12.57	34.3	ng	889092	4	11.49	518282	20.0
Methyl stearate	12.64	6.2	ng	160171	4	11.49	518282	20.0
unknown13.95	13.95	2.1	ng	62850	5	14.13	601733	20.0
Nonadecane	16.09	3.8	ng	72321	6	15.66	381905	20.0
Tetradecane	16.62	4.6	ng	87408	6	15.66	381905	20.0