LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108811.D
Acq On : 6 Sep 2018 8:31
Operator : JU/SJ
Sample : J4724-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-04

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-BF090518.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	4.937	438	442	452	rVB	135185	176457	3.80%	0.420%
2	5.348	507	512	515	rBV	4144582	3900746	83.99%	9.277%
3	6.366	680	685	692	rBV	3918288	4225397	90.98%	10.049%
4	6.507	704	709	712	rBV	4148736	4153199	89.43%	9.877%
5	6.737	744	748	751	rBV	2130559	1660715	35.76%	3.950%
6	6.895	771	775	778	rBV	3780660	3289784	70.84%	7.824%
7	7.295	838	843	846	rBV	2896793	2562091	55.17%	6.093%
8	8.019	962	966	969	rBV	2471378	2102369	45.27%	5.000%
9	9.095	1144	1149	1152	rBV	5364885	4644100	100.00%	11.045%
10	9.219	1167	1170	1173	rVB	326154	263326	5.67%	0.626%
11	9.483	1211	1215	1218	rBV	1642955	1344343	28.95%	3.197%
12	9.766	1259	1263	1267	rBV2	2525011	2145708	46.20%	5.103%
13	10.548	1392	1396	1399	rBV	2715017	2262347	48.71%	5.380%
14	11.242	1510	1514	1516	rBV	2307850	1783322	38.40%	4.241%
15	11.266	1516	1518	1521	rVB	199192	154075	3.32%	0.366%
16	11.313	1521	1526	1529	rBV2	55902	55254	1.19%	0.131%
17	11.783	1601	1606	1609	rBV2	162286	182842	3.94%	0.435%
18	12.448	1716	1719	1722	rBV	174915	141989	3.06%	0.338%
19	12.566	1736	1739	1742	rBV4	53374	65013	1.40%	0.155%
20	12.671	1752	1757	1762	rBV	161941	184478	3.97%	0.439%
21	12.824	1779	1783	1786	rBV	3768923	3284207	70.72%	7.811%
22	13.730	1934	1937	1944	rVB2	195963	219637	4.73%	0.522%
23	13.866	1956	1960	1963	rBV	1891626	1724549	37.13%	4.101%
24	15.271	2195	2199	2204	rVB	1336247	1522476	32.78%	3.621%

Sum of corrected areas: 42048424

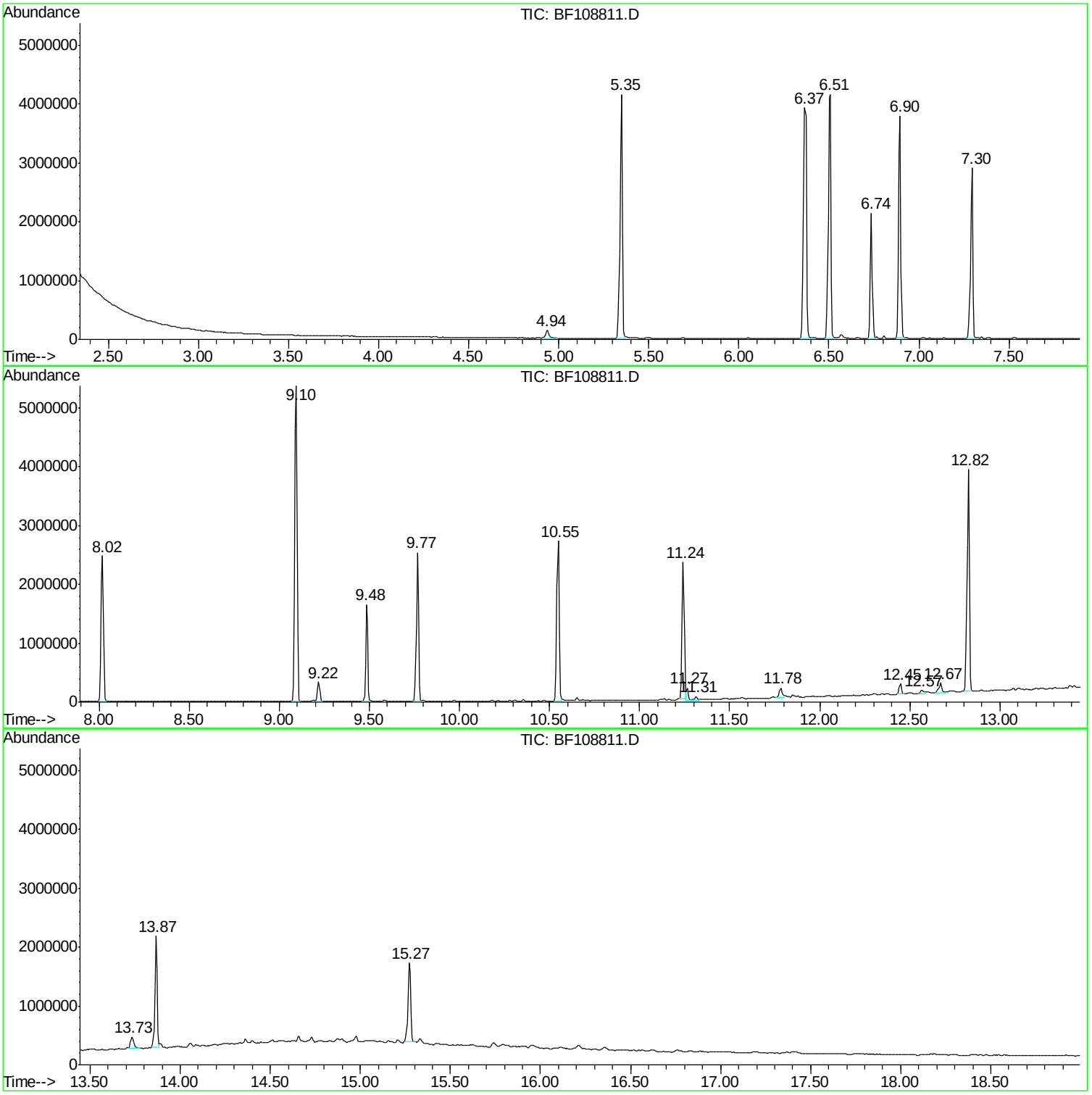
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108811.D
Acq On : 6 Sep 2018 8:31
Operator : JU/SJ
Sample : J4724-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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\BF090518\
Data File : BF108811.D
Acq On : 6 Sep 2018 8:31
Operator : JU/SJ
Sample : J4724-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

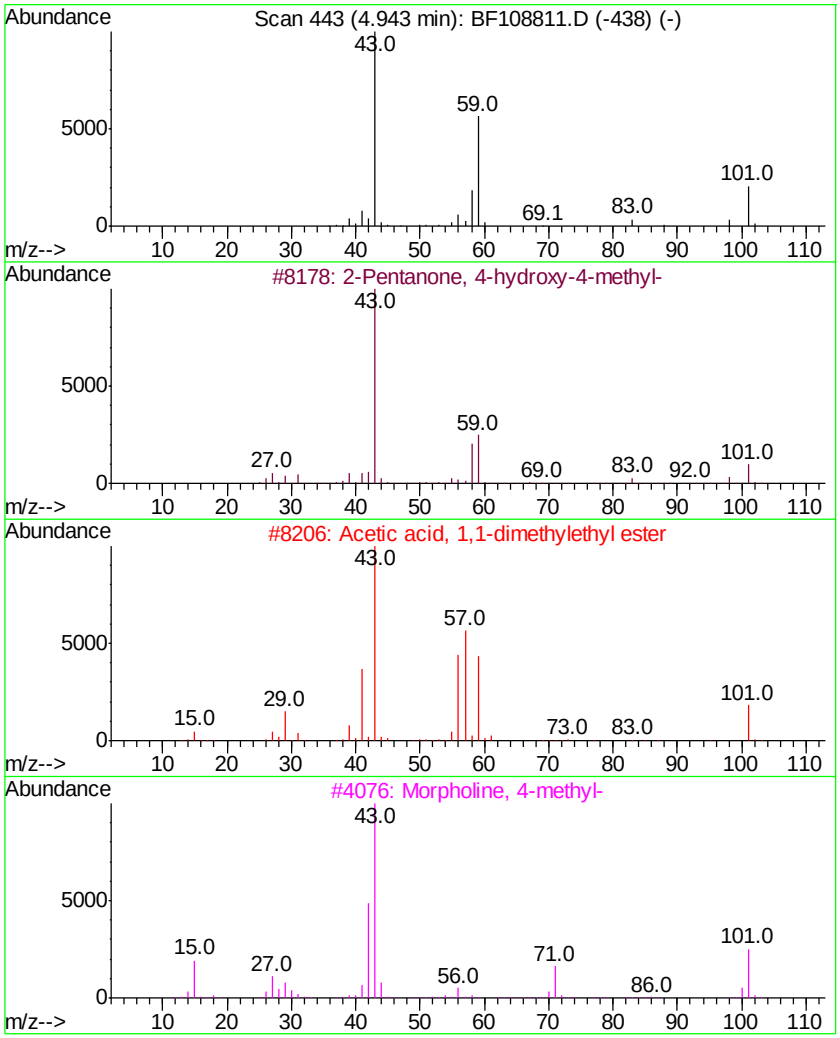
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

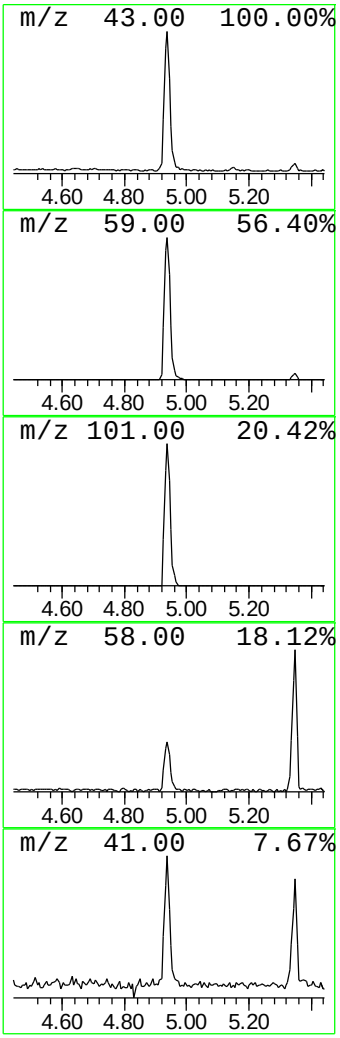
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	2.13 ng	176457	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108811.D
Acq On : 6 Sep 2018 8:31
Operator : JU/SJ
Sample : J4724-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

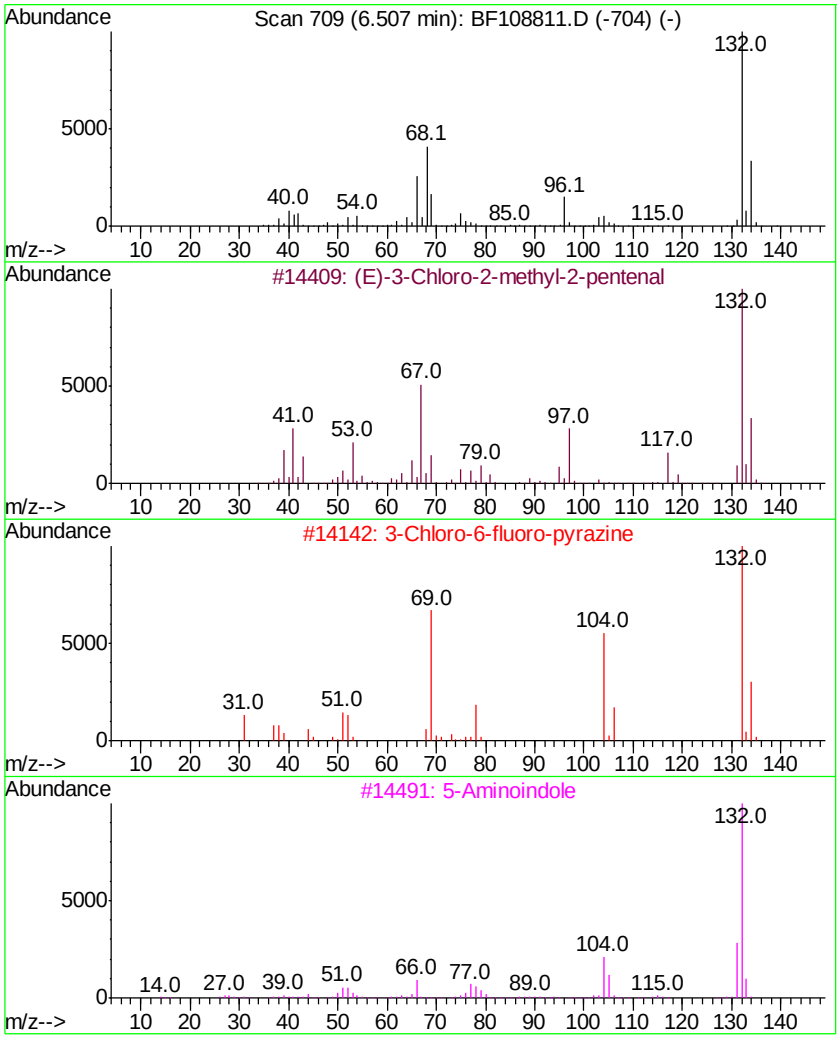
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

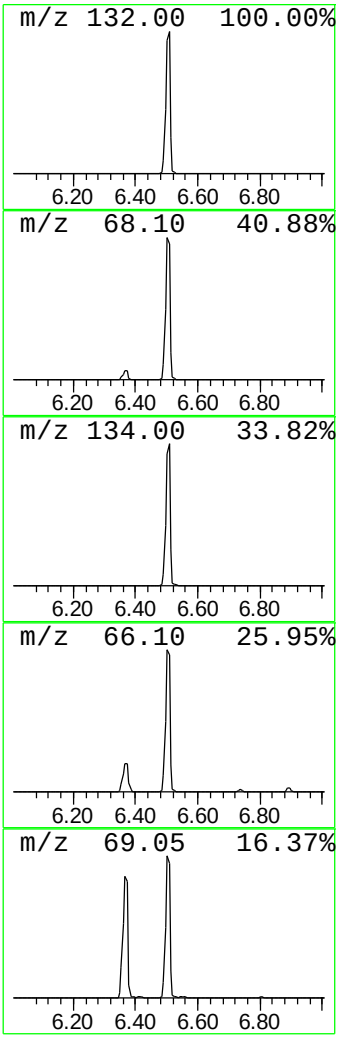
****

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	50.02 ng	4153200	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108811.D
Acq On : 6 Sep 2018 8:31
Operator : JU/SJ
Sample : J4724-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

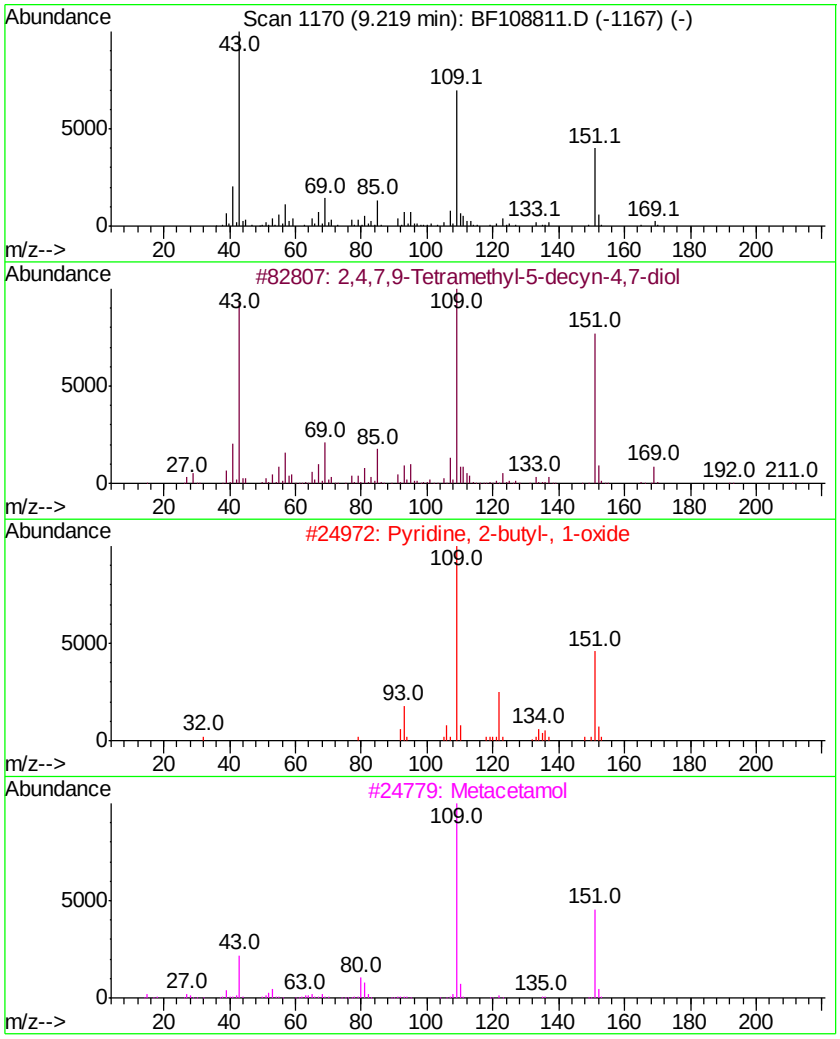
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

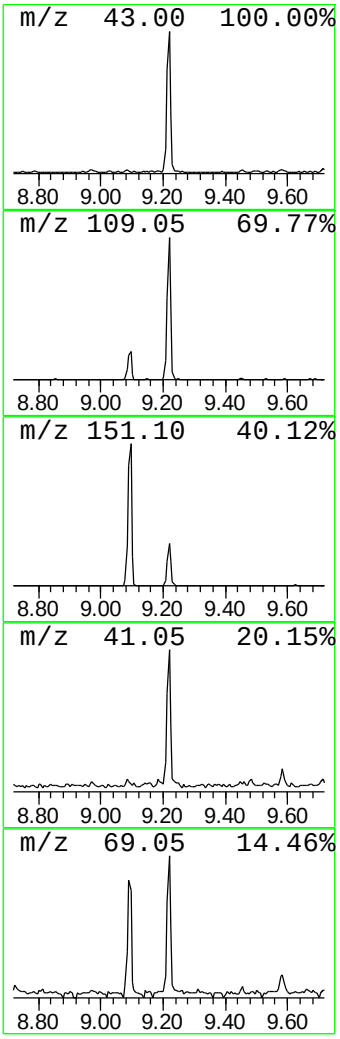
****

Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	2.45 ng	263326	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	Metacetamol	151	C8H9NO2	000621-42-1	53
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108811.D
Acq On : 6 Sep 2018 8:31
Operator : JU/SJ
Sample : J4724-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

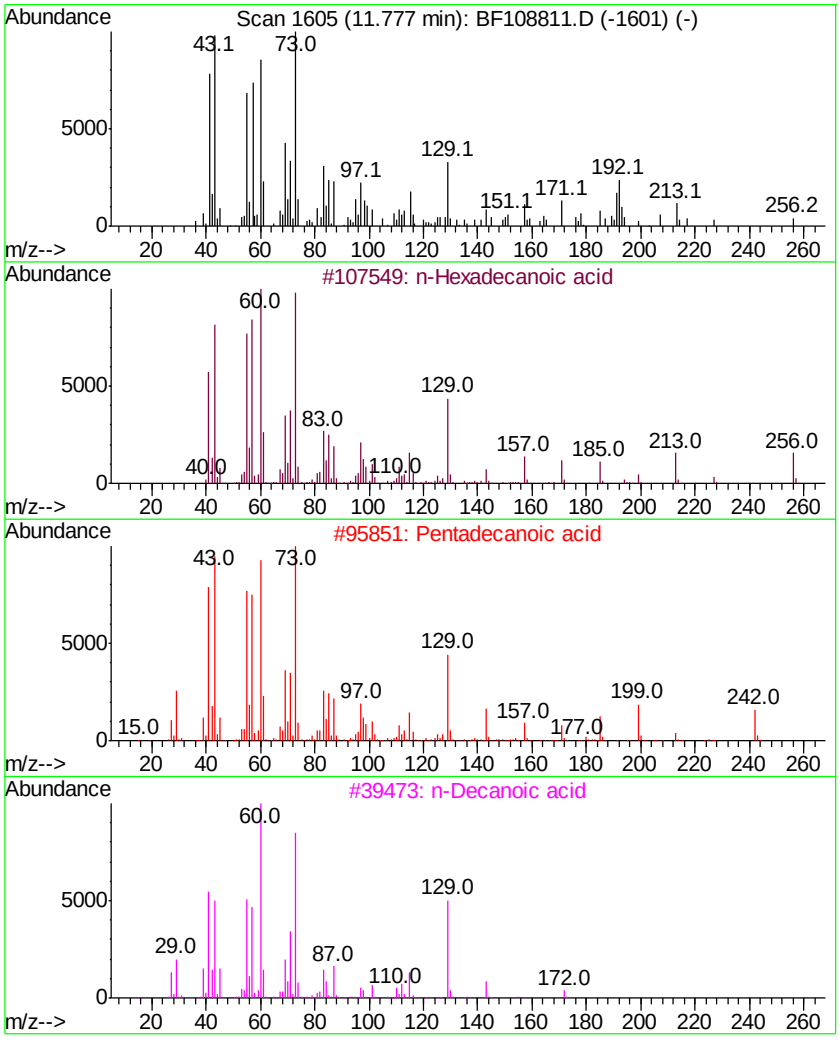
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

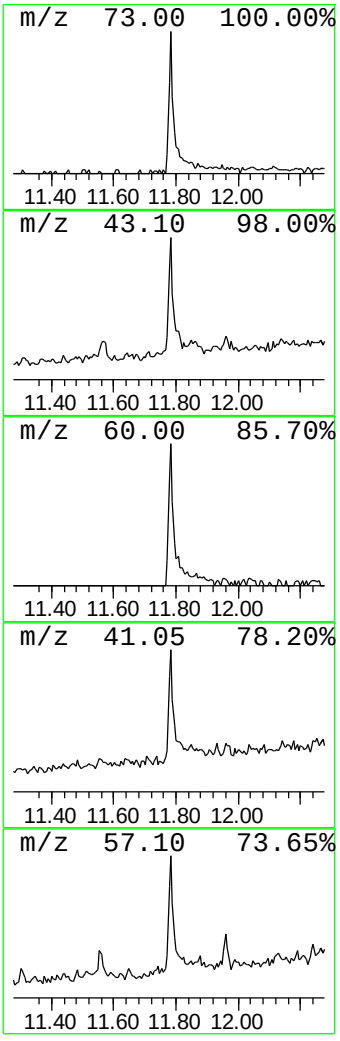
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.05 ng	182842	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	Tridecanoic acid	214	C13H26O2	000638-53-9	49
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108811.D
Acq On : 6 Sep 2018 8:31
Operator : JU/SJ
Sample : J4724-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

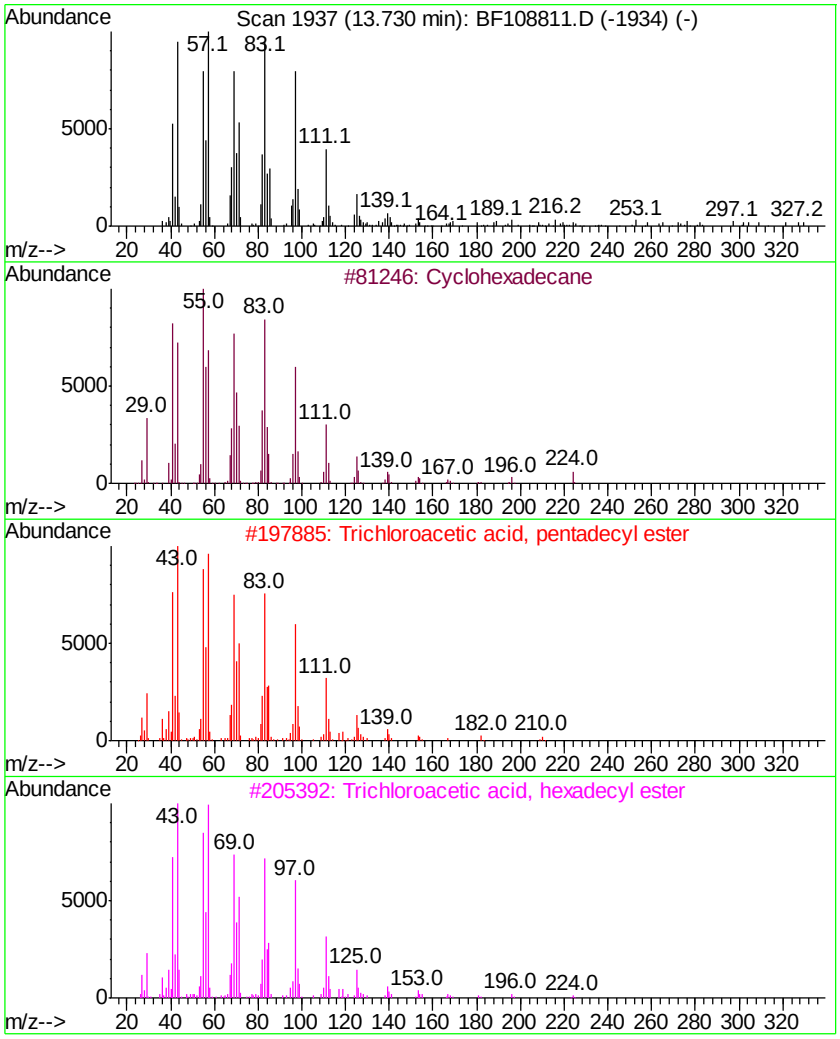
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

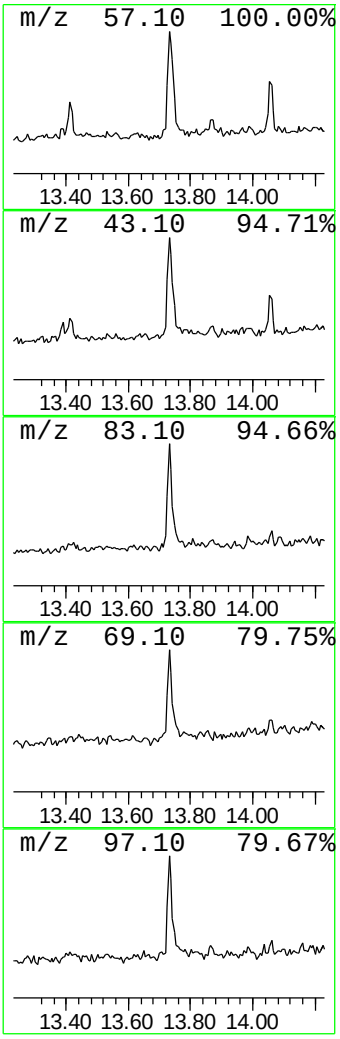
****

Peak Number 7 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.55 ng	219637	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	99
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090518\
Data File : BF108811.D
Acq On : 6 Sep 2018 8:31
Operator : JU/SJ
Sample : J4724-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-UST-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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...	4.94	2.1	ng	176457	1	6.74	1660720	20.0
unknown6.51	6.51	50.0	ng	4153200	1	6.74	1660720	20.0
2,4,7,9-Tetrameth...	9.22	2.5	ng	263326	3	9.77	2145710	20.0
n-Hexadecanoic acid	11.78	2.0	ng	182842	4	11.24	1783320	20.0
Cyclohexadecane	13.73	2.5	ng	219637	5	13.87	1724550	20.0