LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
Data File : BF093931.D
Acq On : 25 Mar 2017 2:36
Operator : SJ/MA
Sample : I2379-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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-BF032217.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	4.116	375	379	388	rVB	421894	575318	11.55%	1.416%
2	4.504	438	445	448	rBV	3974642	4795297	96.27%	11.802%
3	5.563	618	625	628	rBV	3729208	4980883	100.00%	12.259%
4	5.710	644	650	653	rBV	4367248	4934527	99.07%	12.145%
5	5.957	689	692	696	rBV	1030960	1002311	20.12%	2.467%
6	6.140	718	723	727	rBV	3530110	3778297	75.86%	9.299%
7	6.610	796	803	806	rBV	2567306	3175743	63.76%	7.816%
8	6.739	818	825	831	rBV	59087	87152	1.75%	0.215%
9	7.463	943	948	952	rBV	1402289	1338995	26.88%	3.296%
10	8.792	1166	1174	1177	rBV	4355936	4942674	99.23%	12.165%
11	9.281	1252	1257	1261	rBV	425509	377572	7.58%	0.929%
12	9.604	1308	1312	1317	rVB2	1314134	1325999	26.62%	3.264%
13	10.192	1408	1412	1416	rBV	91608	86038	1.73%	0.212%
14	10.469	1452	1459	1462	rBV	32278	53621	1.08%	0.132%
15	10.580	1472	1478	1481	rBV	2213044	2494905	50.09%	6.141%
16	10.780	1508	1512	1514	rBV	105870	115934	2.33%	0.285%
17	11.333	1603	1606	1609	rBV	89560	81182	1.63%	0.200%
18	11.427	1618	1622	1626	rBV	1070986	1091008	21.90%	2.685%
19	11.769	1676	1680	1684	rBV	95260	95565	1.92%	0.235%
20	11.863	1693	1696	1703	rVB	59759	60288	1.21%	0.148%
21	12.921	1872	1876	1880	rVB	81463	72707	1.46%	0.179%
22	13.198	1919	1923	1926	rBV	72198	79517	1.60%	0.196%
23	13.410	1954	1959	1963	rBV	2896876	3088501	62.01%	7.602%
24	14.563	2151	2155	2162	rBV	145727	181410	3.64%	0.446%
25	14.680	2170	2175	2179	rBV	879751	949903	19.07%	2.338%
26	15.351	2286	2289	2292	rBV2	52987	58475	1.17%	0.144%
27	16.315	2449	2453	2462	rVB	631838	806016	16.18%	1.984%

Sum of corrected areas: 40629838

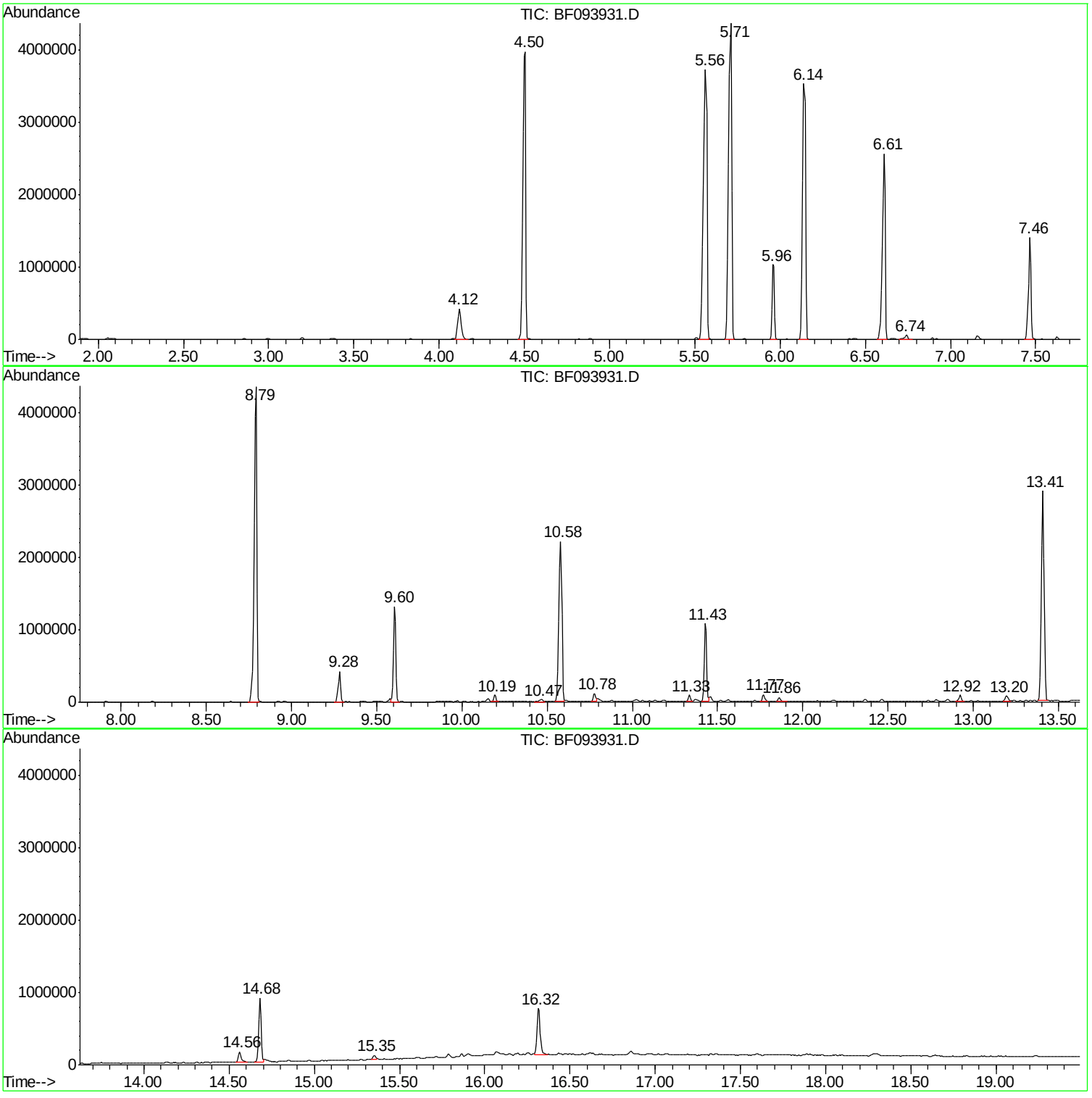
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
Data File : BF093931.D
Acq On : 25 Mar 2017 2:36
Operator : SJ/MA
Sample : I2379-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
Data File : BF093931.D
Acq On : 25 Mar 2017 2:36
Operator : SJ/MA
Sample : I2379-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

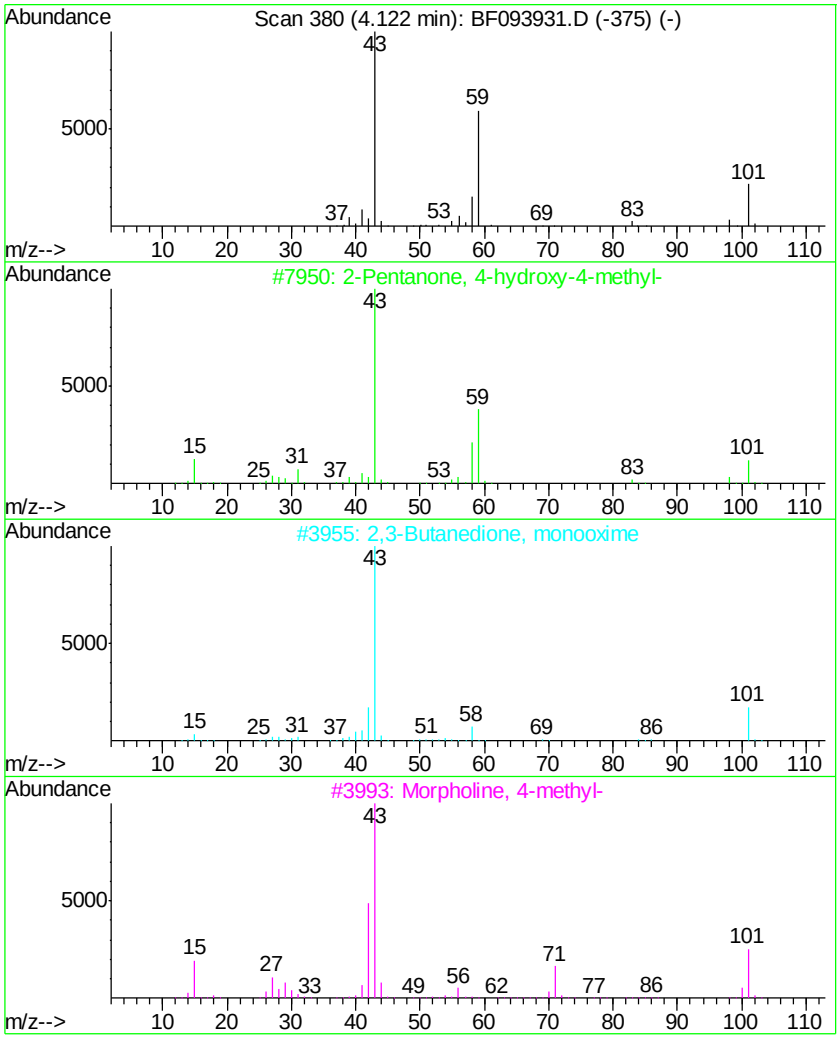
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

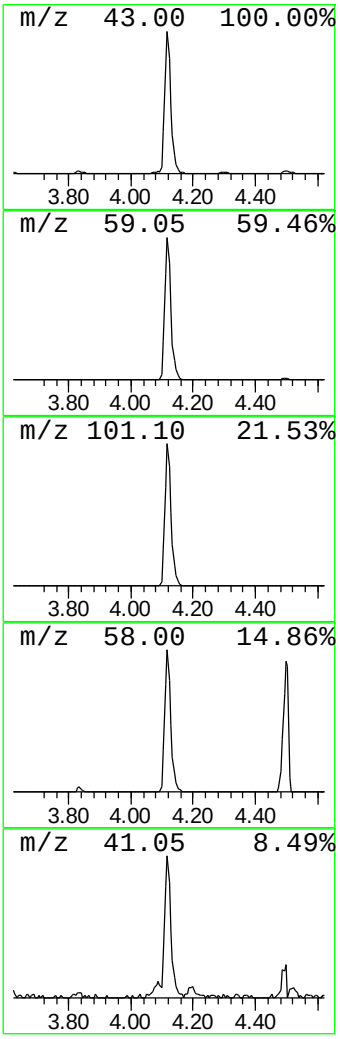
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	11.48 ng	575318	1,4-Dichlorobenzene-d4	5.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	9
5	3-Hexanol	102	C6H14O	000623-37-0	9





Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
Data File : BF093931.D
Acq On : 25 Mar 2017 2:36
Operator : SJ/MA
Sample : I2379-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

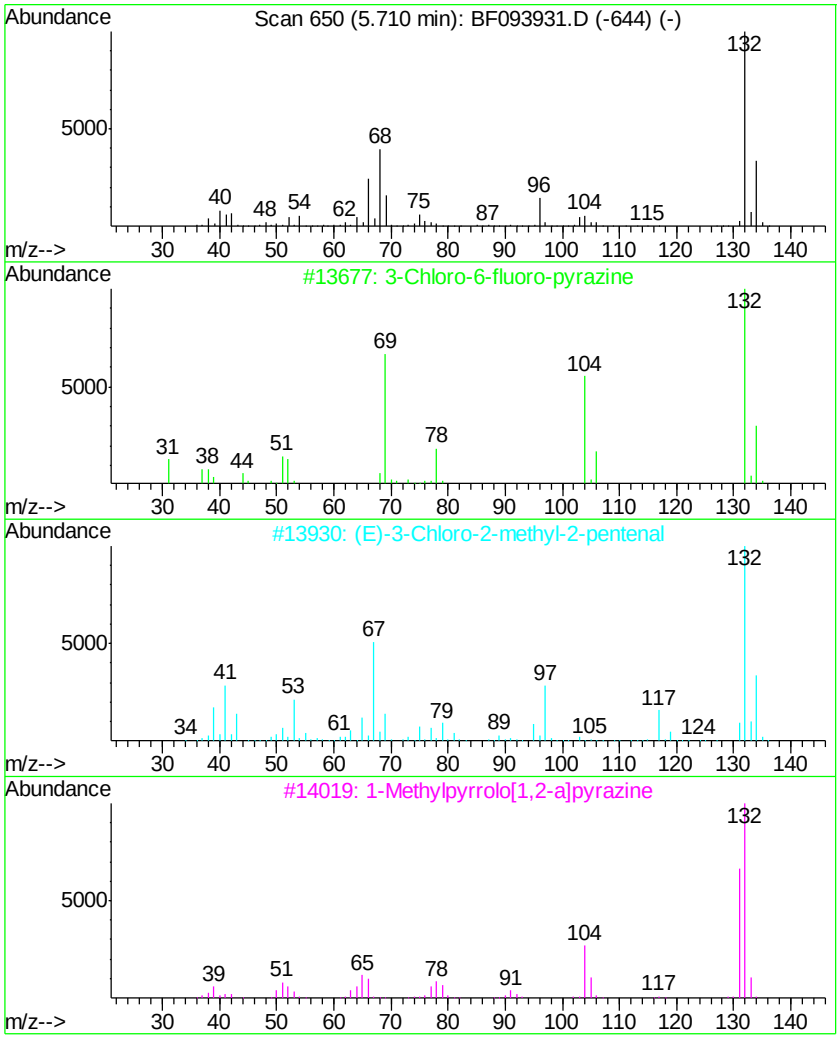
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

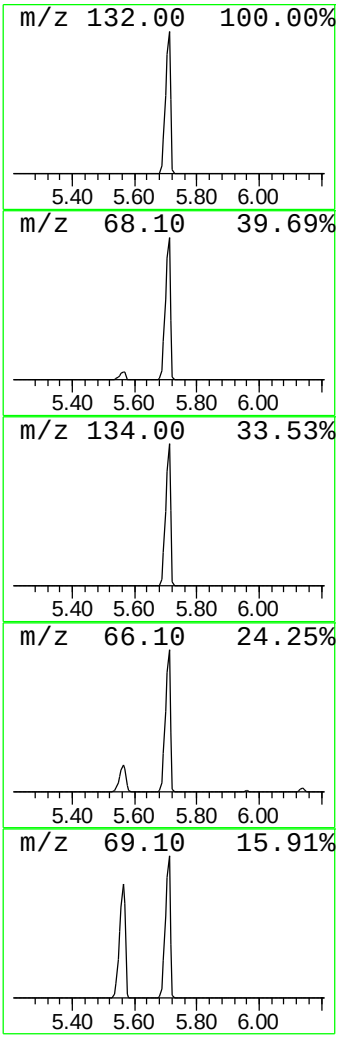
****

Peak Number 2 unknown5.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	98.46 ng	4934530	1,4-Dichlorobenzene-d4	5.96

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	16
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9





Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
Data File : BF093931.D
Acq On : 25 Mar 2017 2:36
Operator : SJ/MA
Sample : I2379-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

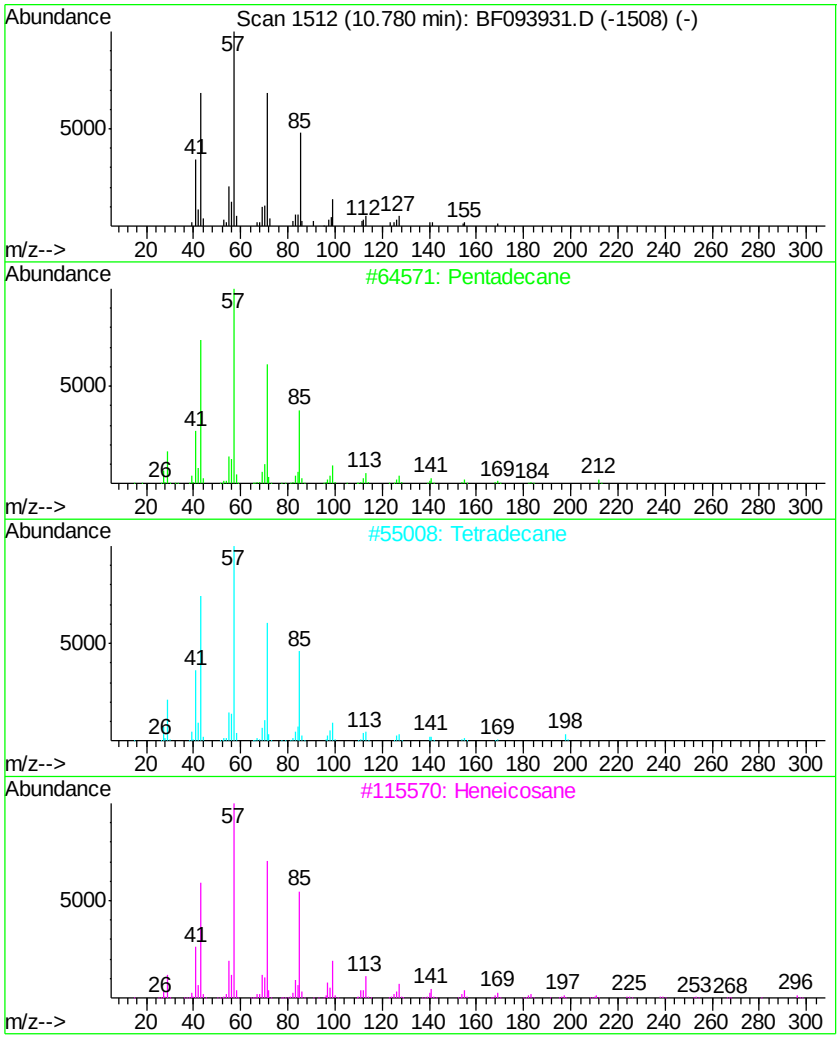
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

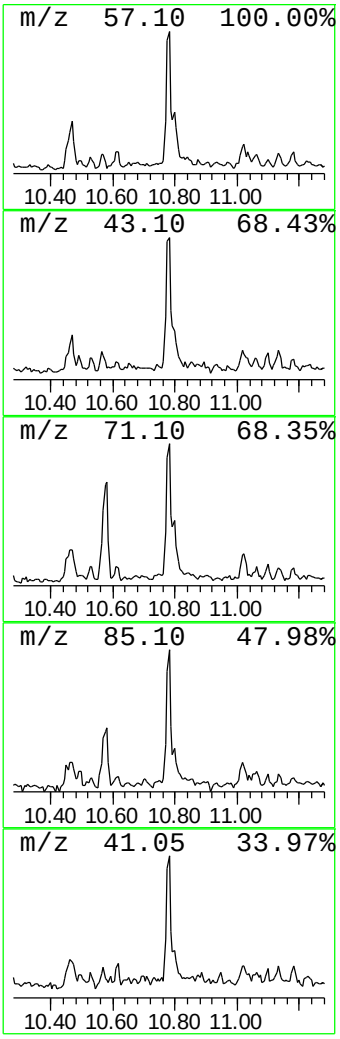
****

Peak Number 4 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.13 ng	115934	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Heneicosane	296	C21H44	000629-94-7	78
4	Hexadecane	226	C16H34	000544-76-3	72
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64





Data Path : Z:\HPCHEM1\BNA F\Data\BF032417\
Data File : BF093931.D
Acq On : 25 Mar 2017 2:36
Operator : SJ/MA
Sample : I2379-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

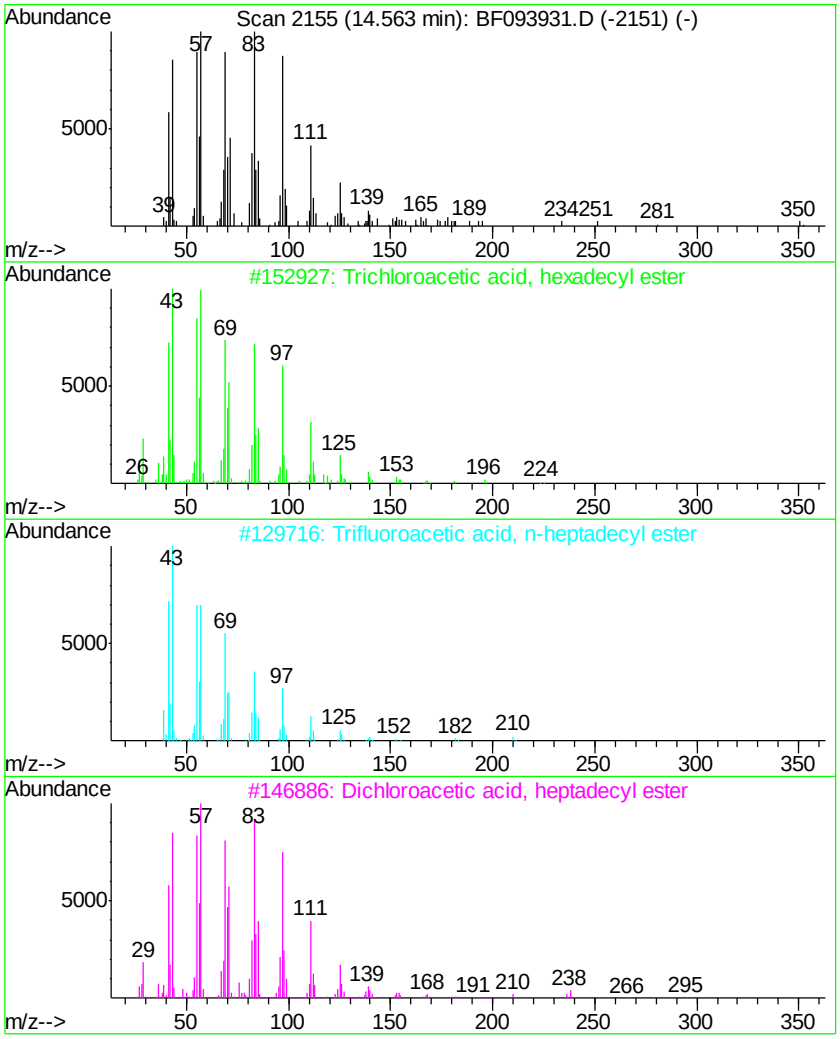
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

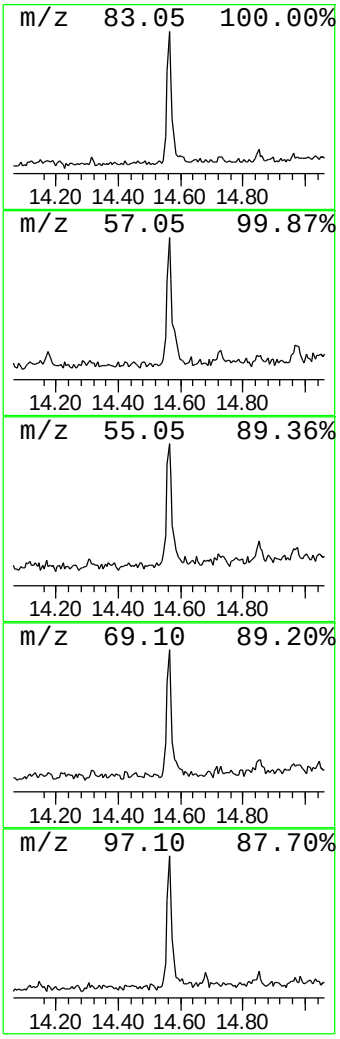
****

Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	3.82 ng	181410	Chrysene-d12	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
4	Cyclotetracosane	336	C24H48	000297-03-0	81
5	1-Octadecanol	270	C18H38O	000112-92-5	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\Data\BF032417\
Data File : BF093931.D
Acq On : 25 Mar 2017 2:36
Operator : SJ/MA
Sample : I2379-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.12	11.5	ng	575318	1	5.96	1002310	20.0
unknown5.71	5.71	98.5	ng	4934530	1	5.96	1002310	20.0
Pentadecane	10.78	2.1	ng	115934	4	11.43	1091010	20.0
Trichloroacetic a...	14.56	3.8	ng	181410	5	14.68	949903	20.0