LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087398.D
Acq On : 26 May 2016 6:28
Operator : UM/SJ
Sample : H3220-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-37-COMP

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-BF052316.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	1.644	4	5	53	rVB	2553791	4955839	100.00%	13.290%
2	4.787	278	280	297	rBV	177435	478916	9.66%	1.284%
3	5.450	335	338	358	rBV	2636602	3940833	79.52%	10.568%
4	7.096	478	482	484	rBV	2612951	4005104	80.82%	10.741%
5	7.187	487	490	505	rVB	2982107	4152371	83.79%	11.136%
6	7.519	516	519	524	rBV	529002	684232	13.81%	1.835%
7	7.759	537	540	543	rBV	2356398	2938446	59.29%	7.880%
8	8.433	596	599	602	rBV	1530389	2507871	50.60%	6.725%
9	9.553	694	697	709	rBV	608739	815104	16.45%	2.186%
10	11.336	849	853	855	rBV	2855074	3946962	79.64%	10.585%
11	12.022	910	913	916	rBV	671394	796122	16.06%	2.135%
12	12.376	941	944	950	rBV	625750	799659	16.14%	2.144%
13	13.211	1015	1017	1020	rVB	38261	56025	1.13%	0.150%
14	13.679	1054	1058	1060	rBV	1256735	2032835	41.02%	5.452%
15	13.988	1082	1085	1090	rBV	68030	108466	2.19%	0.291%
16	14.777	1151	1154	1161	rVB	556132	688709	13.90%	1.847%
17	16.983	1344	1347	1349	rBV	44546	58266	1.18%	0.156%
18	17.131	1357	1360	1363	rBV	2541063	2947664	59.48%	7.905%
19	18.388	1467	1470	1475	rBV	85577	153212	3.09%	0.411%
20	18.468	1475	1477	1480	rVV	553652	638802	12.89%	1.713%
21	18.537	1480	1483	1485	rVB	31370	54691	1.10%	0.147%
22	19.509	1565	1568	1569	rBV	61869	88346	1.78%	0.237%
23	20.137	1621	1623	1628	rBV	337960	440530	8.89%	1.181%

Sum of corrected areas: 37289005

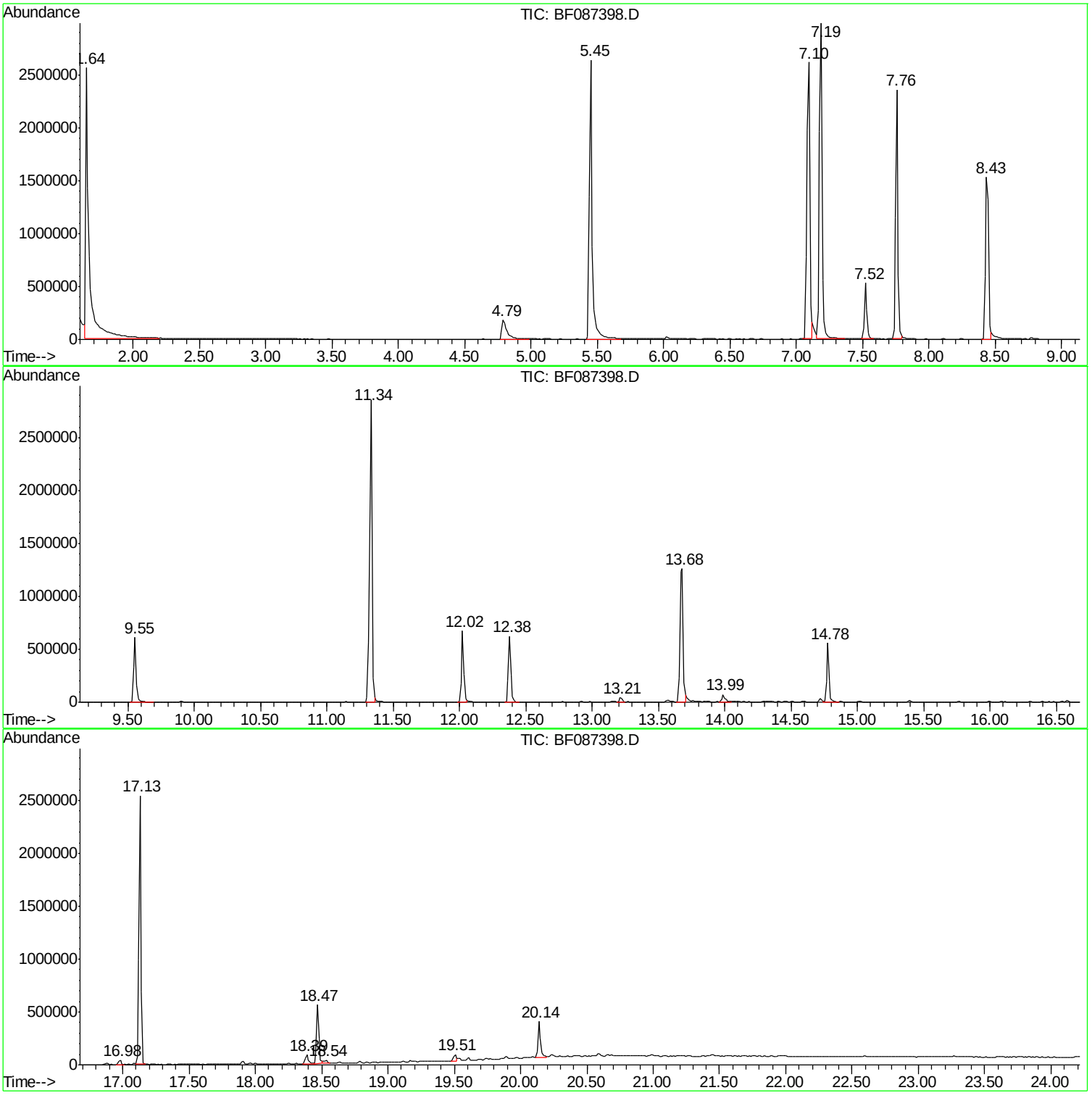
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087398.D
Acq On : 26 May 2016 6:28
Operator : UM/SJ
Sample : H3220-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-37-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087398.D
Acq On : 26 May 2016 6:28
Operator : UM/SJ
Sample : H3220-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-37-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

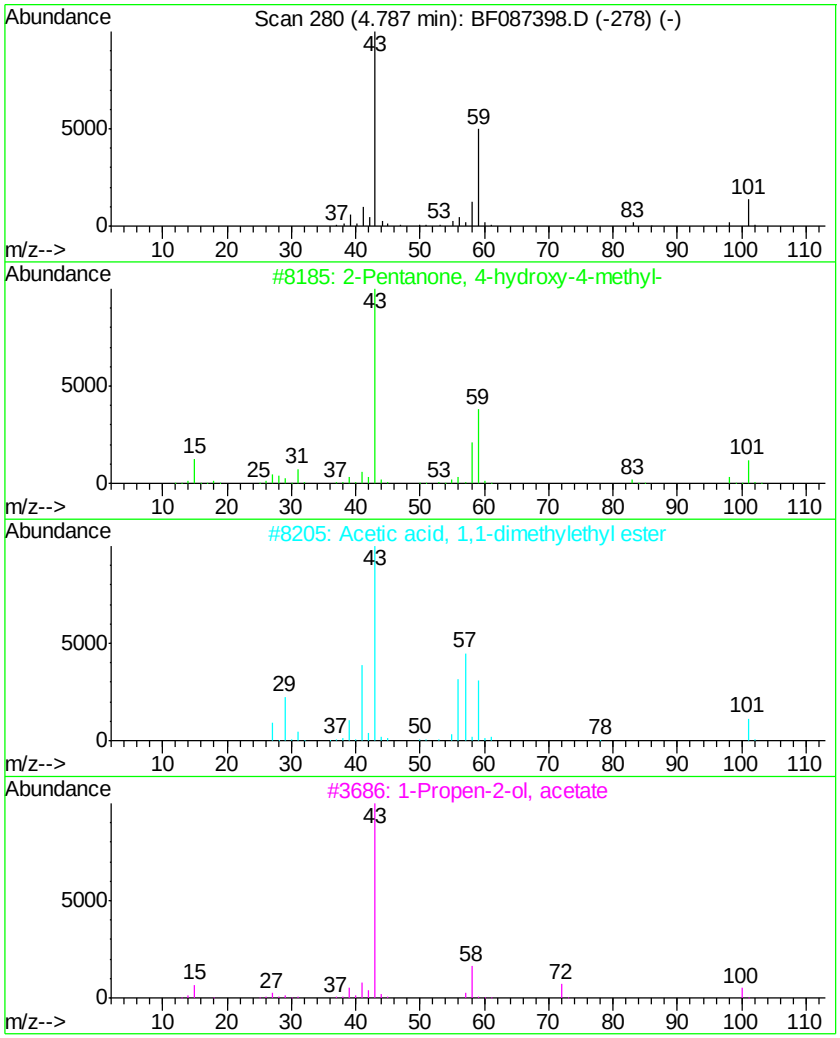
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

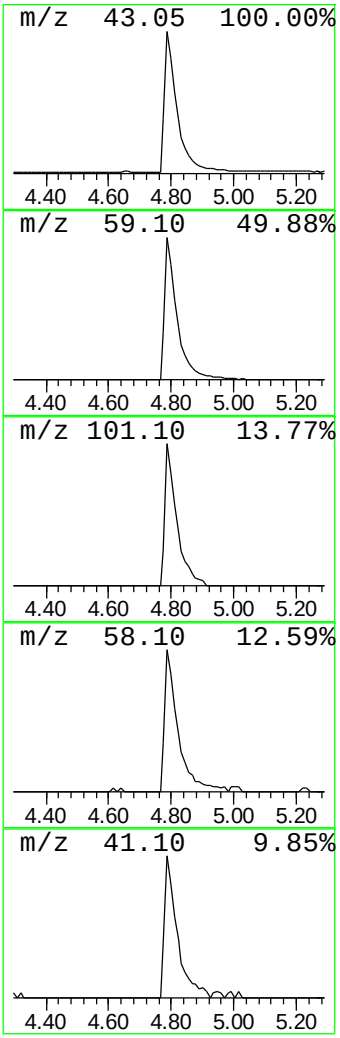
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	14.00 ng	478916	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane	58	C4H10	000106-97-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087398.D
Acq On : 26 May 2016 6:28
Operator : UM/SJ
Sample : H3220-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-37-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

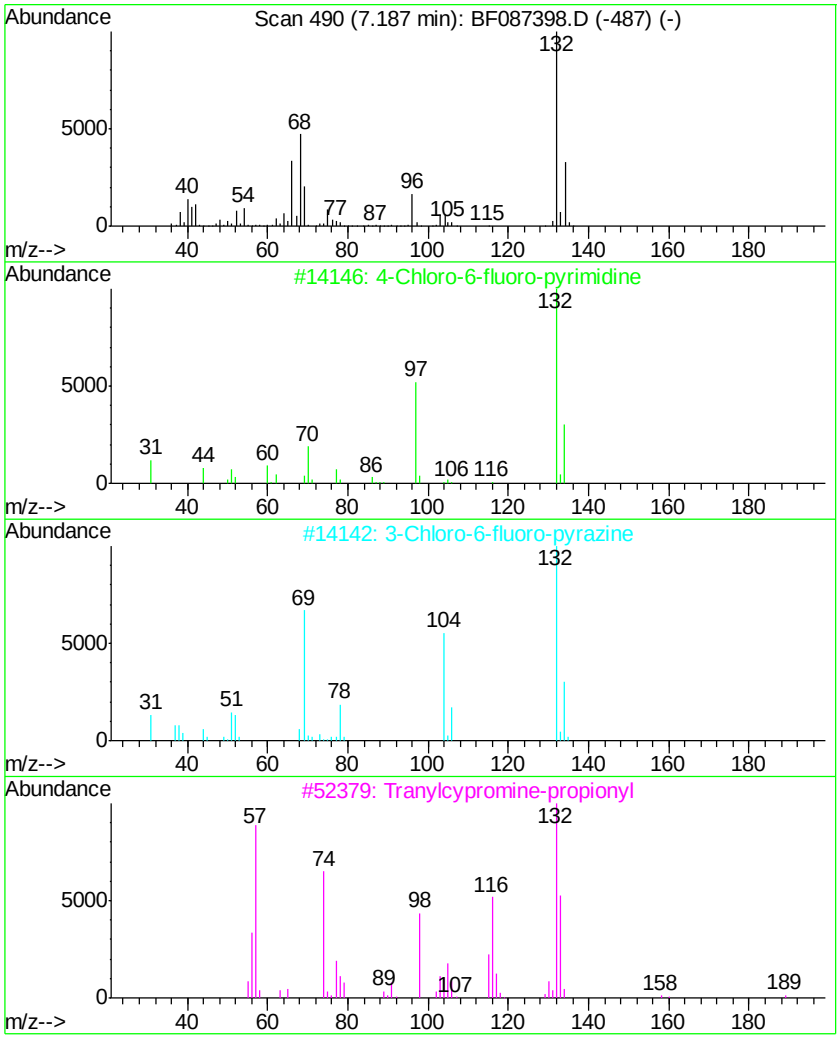
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

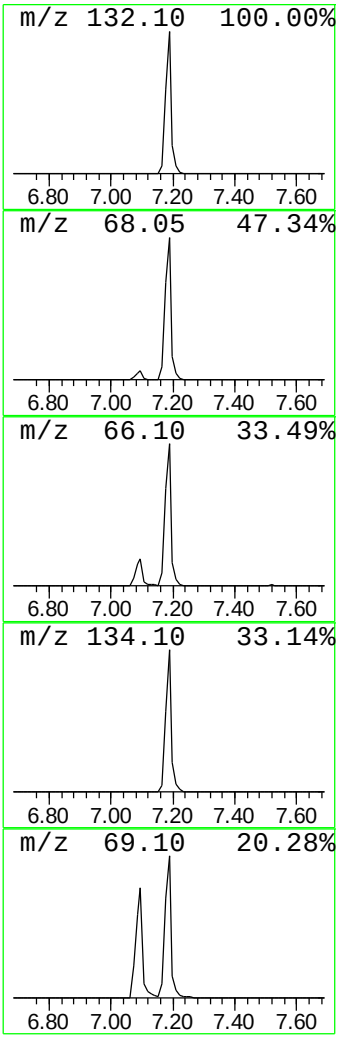
****

Peak Number 3 unknown7.19 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	121.37 ng	4152370	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087398.D
Acq On : 26 May 2016 6:28
Operator : UM/SJ
Sample : H3220-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-37-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

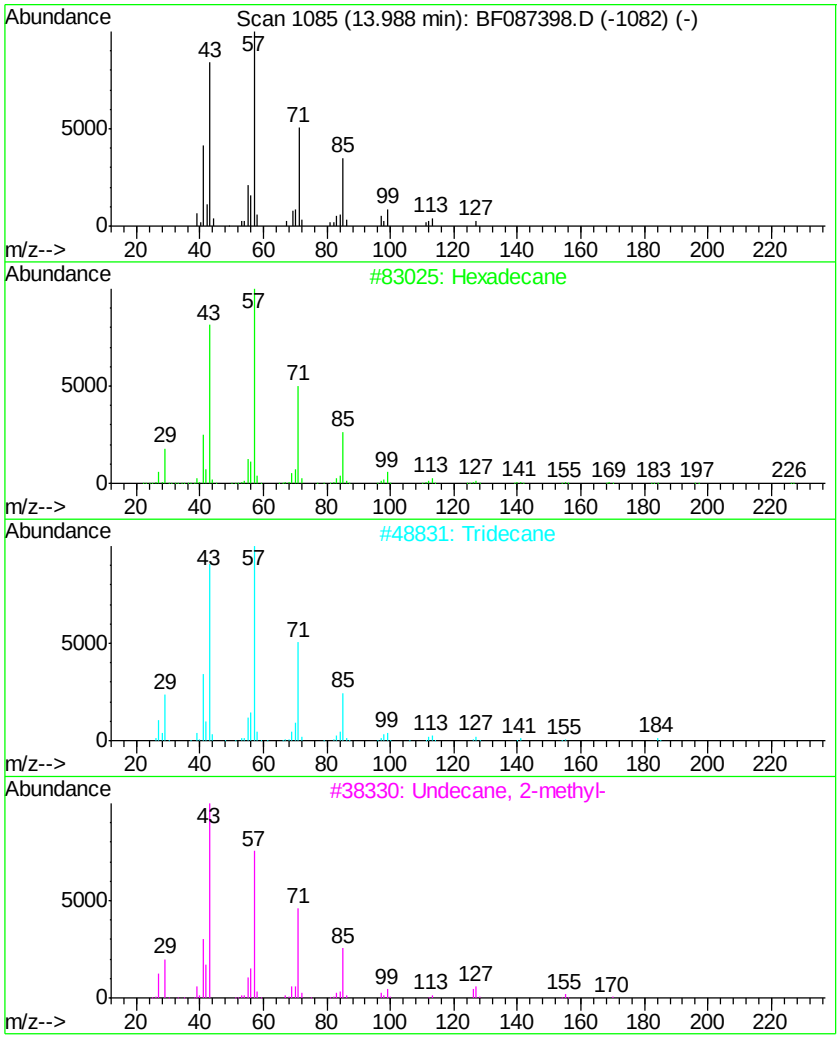
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

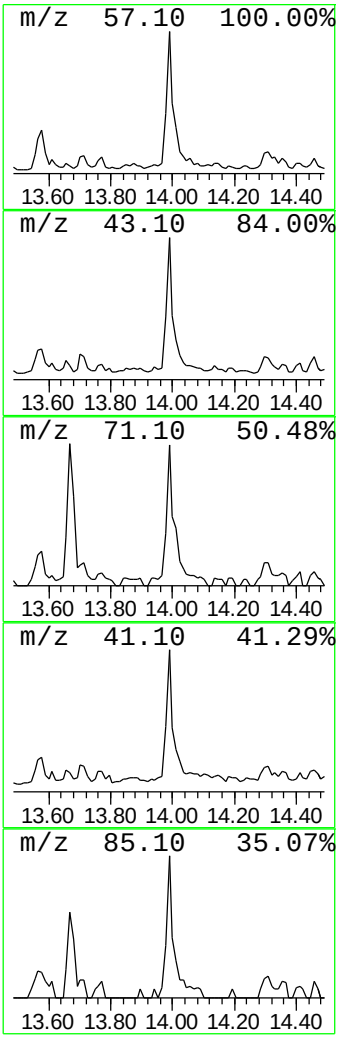
****

Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	3.15 ng	108466	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	83
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	78
4	Eicosane	282	C20H42	000112-95-8	78
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087398.D
Acq On : 26 May 2016 6:28
Operator : UM/SJ
Sample : H3220-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-37-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

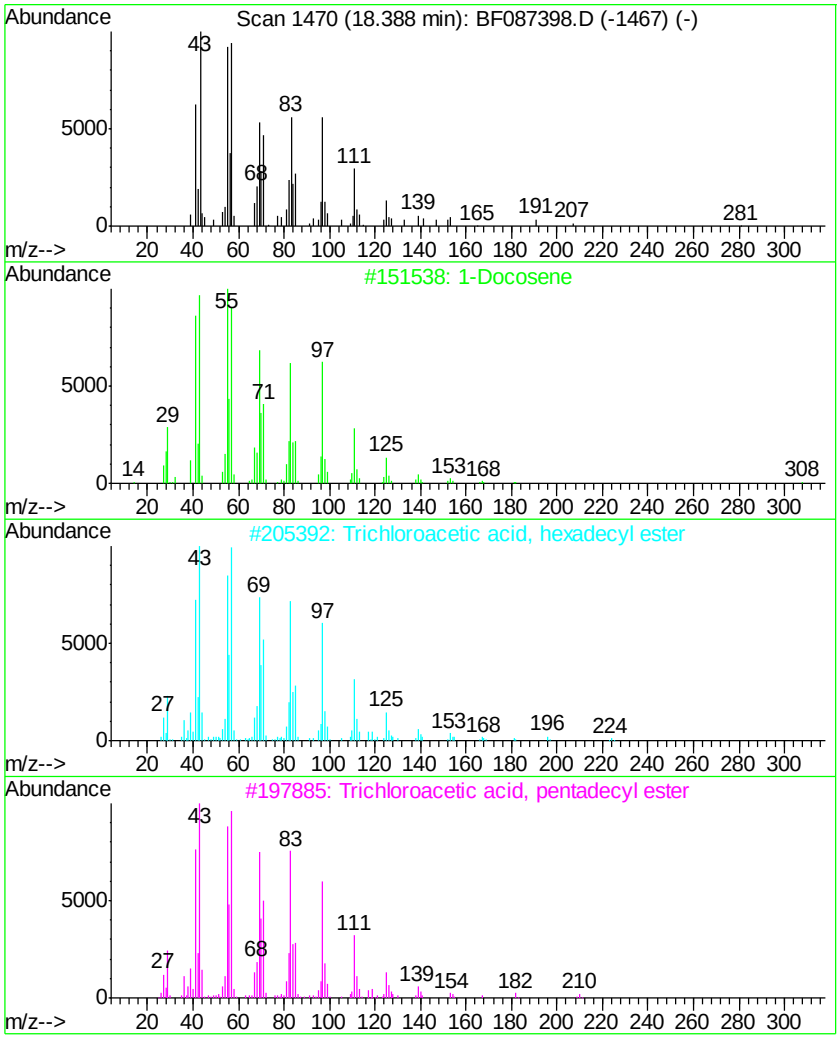
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

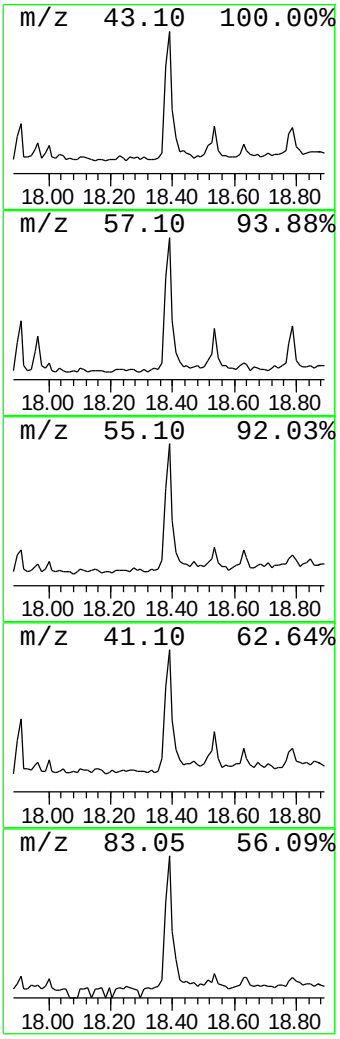
****

Peak Number 6 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	4.80 ng	153212	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087398.D
Acq On : 26 May 2016 6:28
Operator : UM/SJ
Sample : H3220-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-37-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

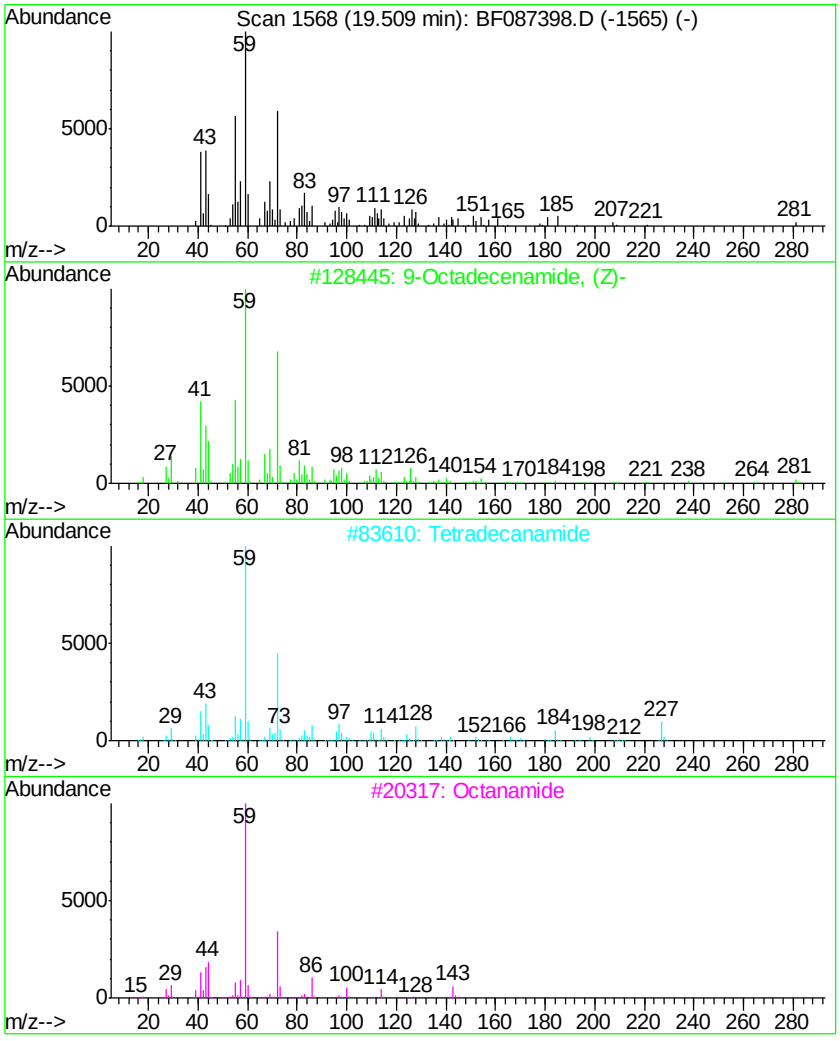
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

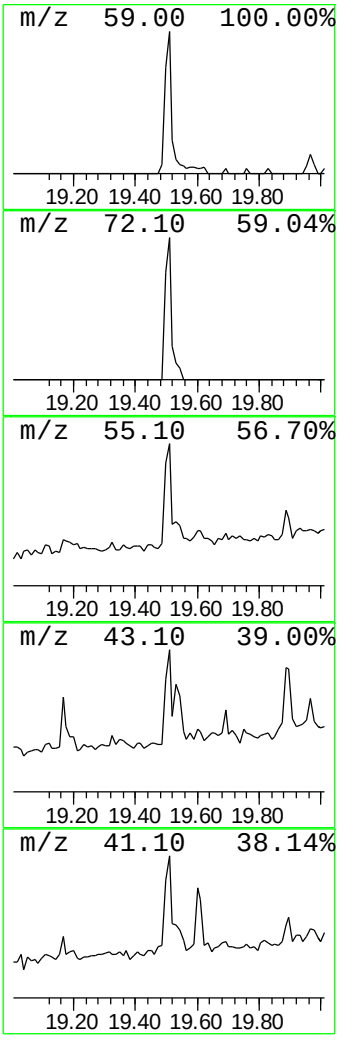
****

Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	4.01 ng	88346	Perylene-d12	20.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	Tetradecanamide	227	C14H29NO	000638-58-4	78
3	Octanamide	143	C8H17NO	000629-01-6	53
4	Decanamide-	171	C10H21NO	002319-29-1	53
5	Acetic acid, cyanohydroxyimino-,...	128	C4H4N2O3	061295-92-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087398.D
Acq On : 26 May 2016 6:28
Operator : UM/SJ
Sample : H3220-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-37-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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...	4.79	14.0	ng	478916	1	7.52	684232	20.0
unknown7.19	7.19	121.4	ng	4152370	1	7.52	684232	20.0
Hexadecane	13.99	3.1	ng	108466	4	14.78	688709	20.0
1-Docosene	18.39	4.8	ng	153212	5	18.47	638802	20.0
9-Octadecenamide,...	19.51	4.0	ng	88346	6	20.14	440530	20.0