

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010123.D
 Acq On : 23 May 2017 03:35
 Operator : SJ/MA
 Sample : I3222-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-18

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_M\METHODS\8270-BM051917.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	5.081	334	339	349	rVB	239940	334635	3.24%	0.657%
2	5.540	411	417	428	rBV	2664891	3858321	37.35%	7.575%
3	7.151	684	691	710	rBV	2391388	3830807	37.08%	7.521%
4	7.504	743	751	769	rBV	2570029	4079745	39.49%	8.010%
5	7.963	822	829	840	rBV	553550	910571	8.81%	1.788%
6	8.281	876	883	893	rBV	2060478	3274559	31.70%	6.429%
7	9.145	1024	1030	1045	rBV	1363295	2280617	22.07%	4.477%
8	10.769	1299	1306	1317	rBV	661476	1103074	10.68%	2.166%
9	13.216	1712	1722	1733	rBV	3987987	5686460	55.04%	11.164%
10	14.051	1859	1864	1872	rVB	322814	444949	4.31%	0.874%
11	14.592	1949	1956	1966	rVB2	988328	1486711	14.39%	2.919%
12	16.080	2203	2209	2220	rBV	3337254	4544292	43.99%	8.922%
13	17.339	2416	2423	2434	rBV	1280792	1925503	18.64%	3.780%
14	18.186	2562	2567	2572	rBV	220346	320870	3.11%	0.630%
15	19.451	2778	2782	2787	rBV4	99218	152420	1.48%	0.299%
16	19.939	2859	2865	2872	rBV	8611921	10331425	100.00%	20.284%
17	21.492	3125	3129	3137	rBV	2323634	3039042	29.42%	5.966%
18	23.862	3526	3532	3542	rVB	1701540	3331102	32.24%	6.540%

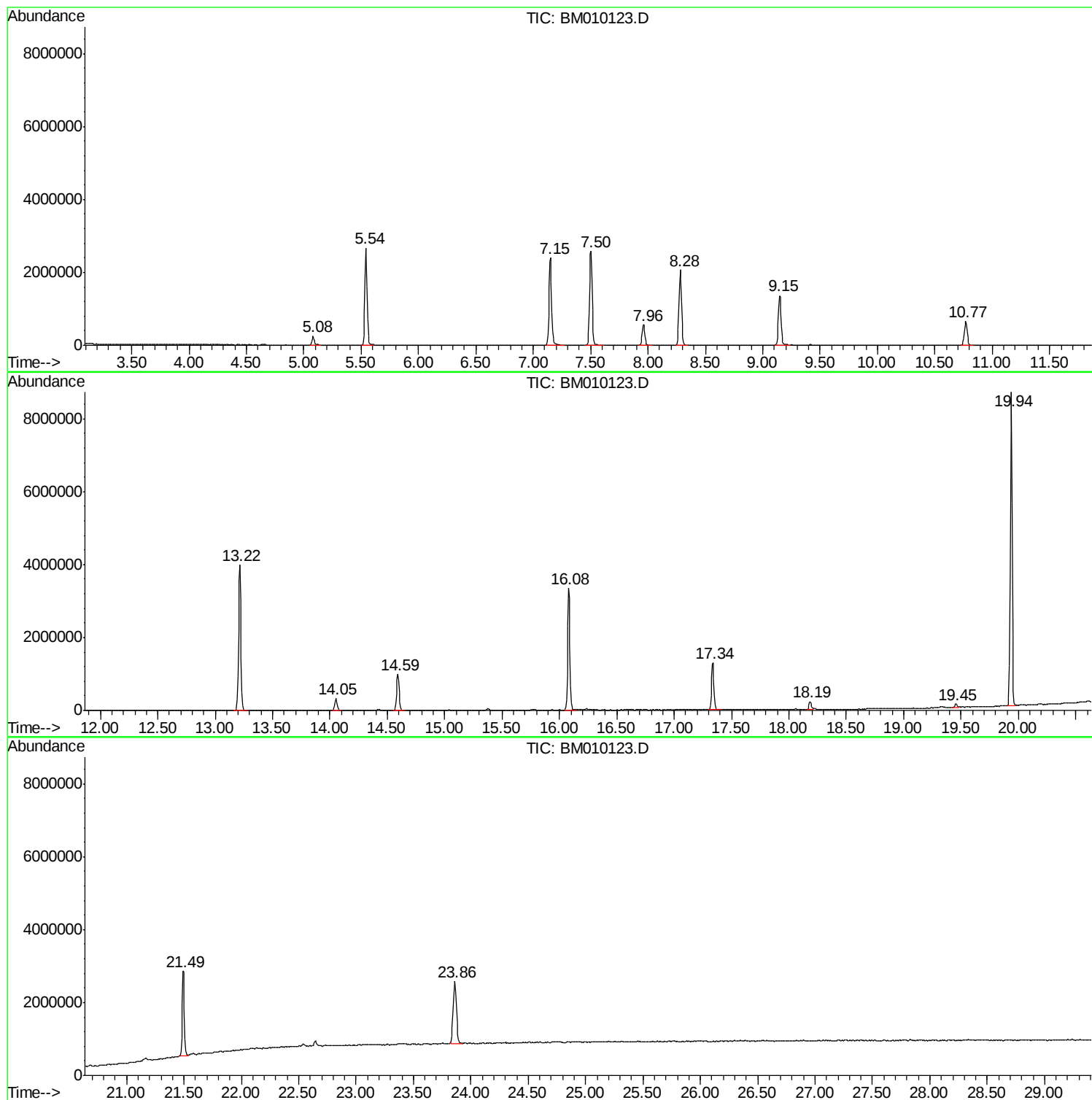
Sum of corrected areas: 50935103

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010123.D
Acq On : 23 May 2017 03:35
Operator : SJ/MA
Sample : I3222-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
EX-18

Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.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 M\DATA\BM052217\
Data File : BM010123.D
Acq On : 23 May 2017 03:35
Operator : SJ/MA
Sample : I3222-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EX-18

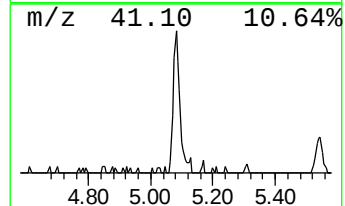
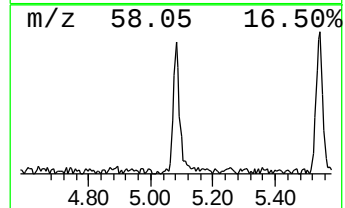
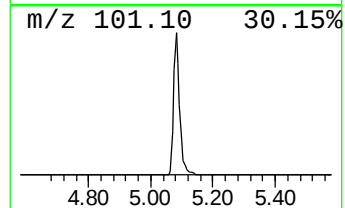
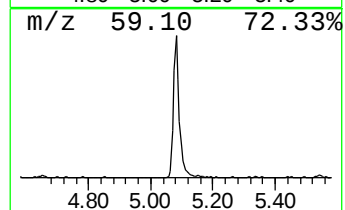
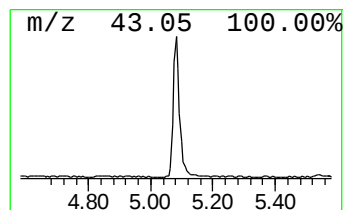
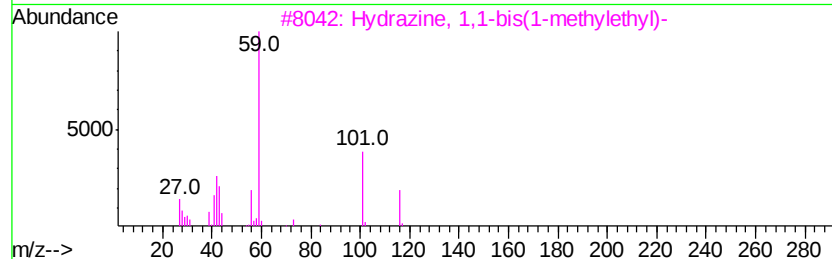
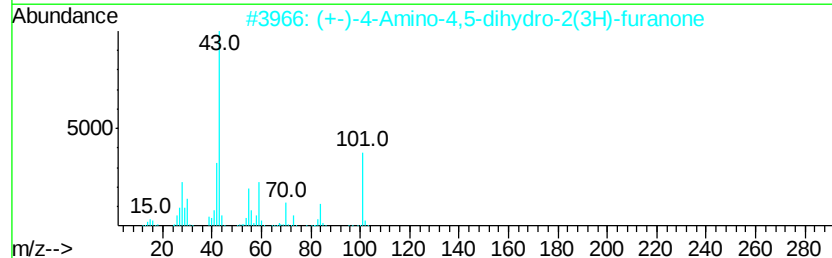
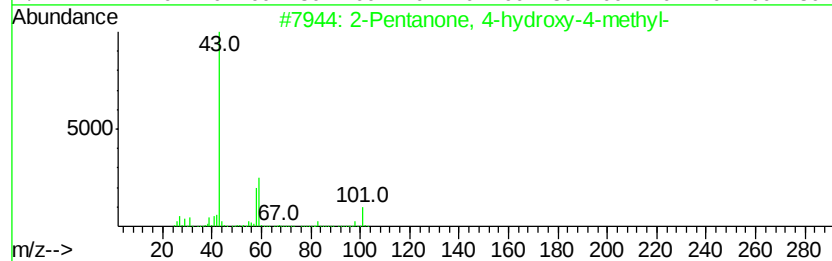
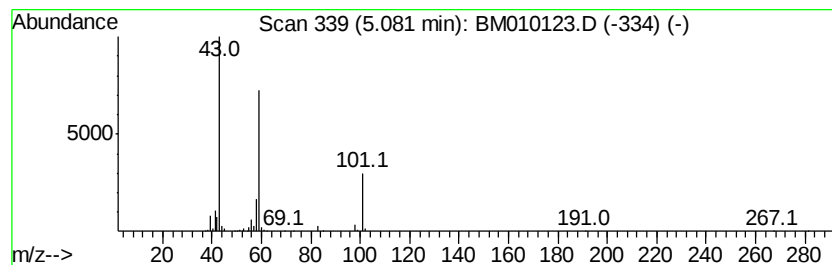
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.08	7.35 ng	334635	1,4-Dichlorobenzene-d4	7.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	47
3			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	47
4			Guanidine	59	CH5N3	000113-00-8	43
5			Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010123.D
Acq On : 23 May 2017 03:35
Operator : SJ/MA
Sample : I3222-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EX-18

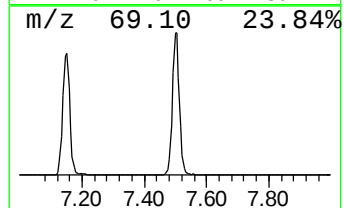
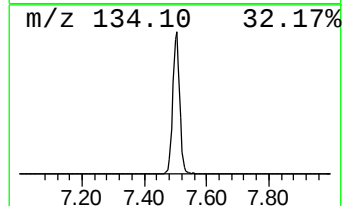
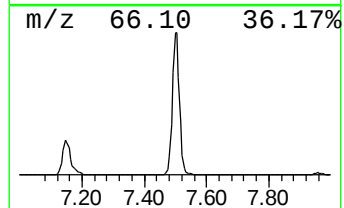
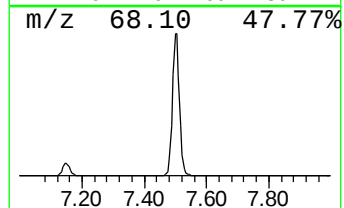
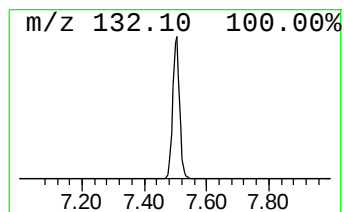
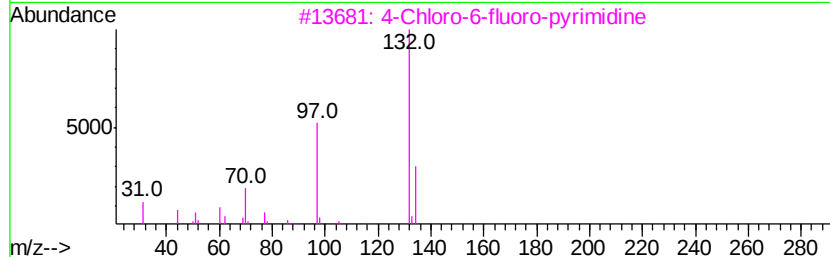
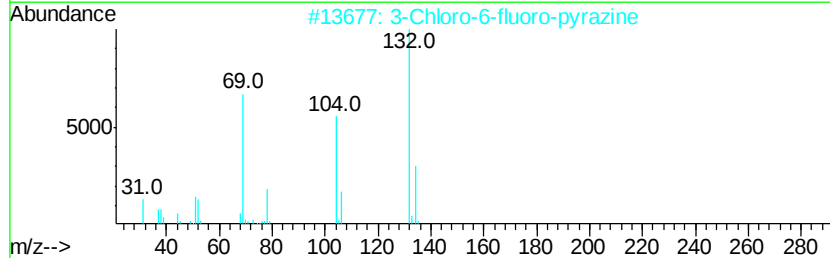
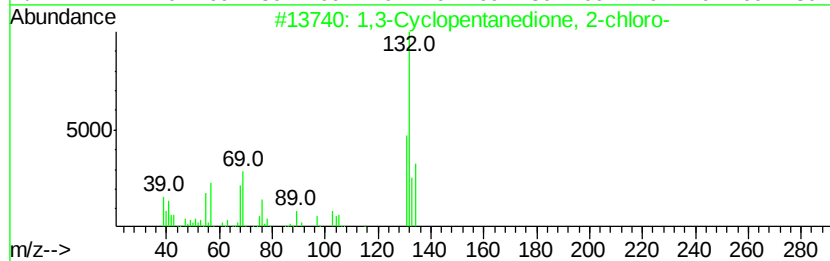
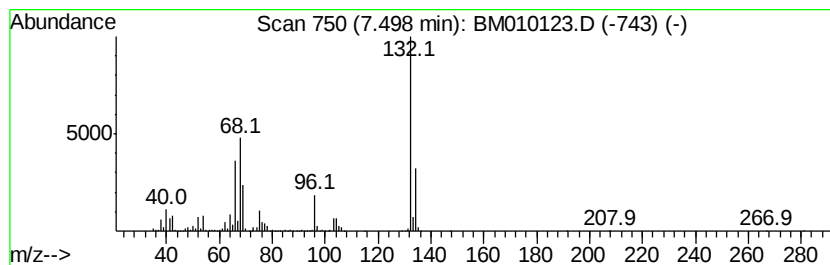
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	89.61 ng	4079750	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010123.D
Acq On : 23 May 2017 03:35
Operator : SJ/MA
Sample : I3222-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

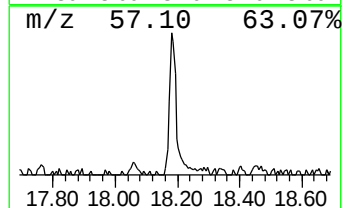
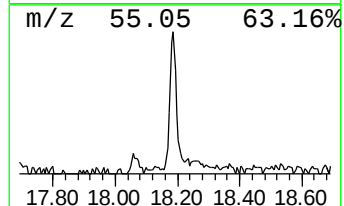
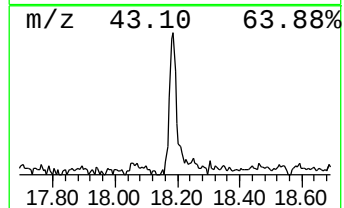
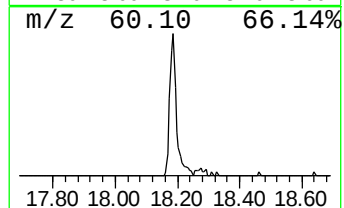
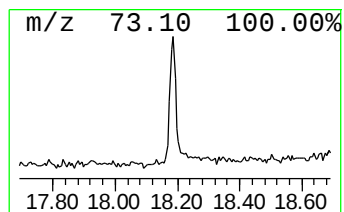
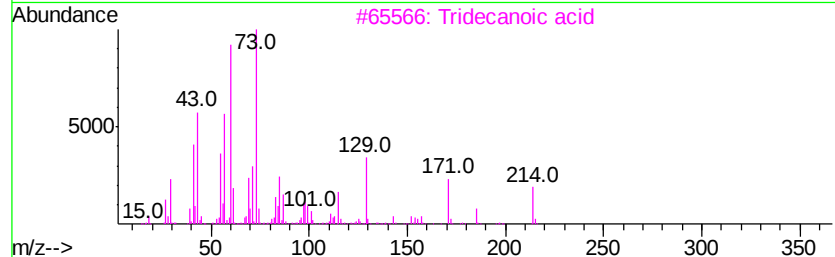
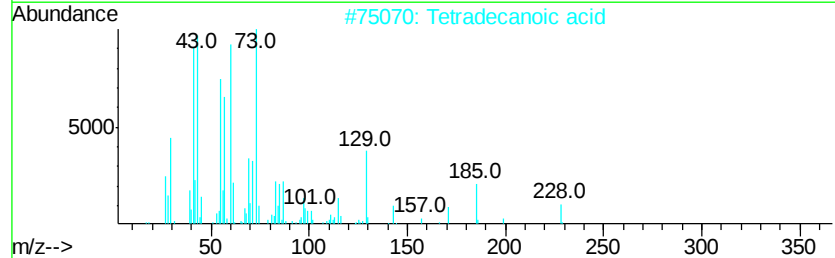
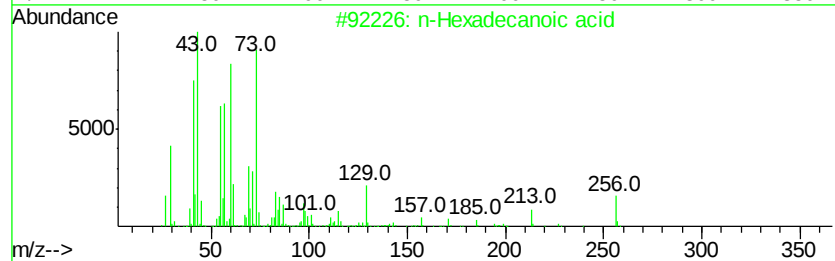
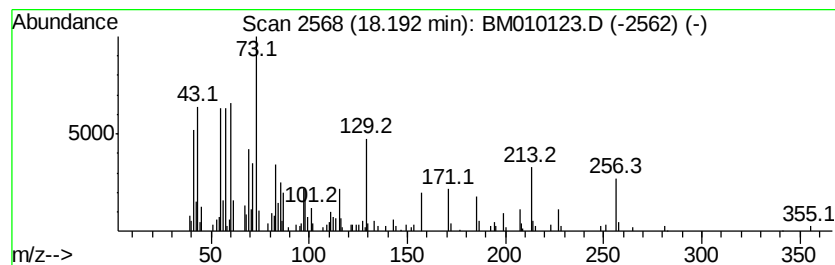
Instrument :
BNA_M
ClientSampleId :
EX-18

Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.19	3.33 ng	320870	Phenanthrene-d10	17.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052217\
Data File : BM010123.D
Acq On : 23 May 2017 03:35
Operator : SJ/MA
Sample : I3222-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EX-18

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.08	7.3	ng	334635	1	7.96	910571	20.0
unknown7.50	7.50	89.6	ng	4079750	1	7.96	910571	20.0
n-Hexadecanoic acid	18.19	3.3	ng	320870	4	17.33	1925500	20.0