

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094223.D
 Acq On : 6 Apr 2017 12:53
 Operator : SJ/MA
 Sample : I2511-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-SW

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	2.804	151	156	162	rVB	367267	409804	2.85%	0.862%
2	3.487	260	272	275	rBV	6378798	14360349	100.00%	30.221%
3	4.028	352	364	367	rBV	4156041	9642277	67.15%	20.292%
4	4.381	421	424	431	rVB	153979	148227	1.03%	0.312%
5	5.445	601	605	612	rBV	1159315	1148615	8.00%	2.417%
6	5.593	626	630	634	rVB	327090	294790	2.05%	0.620%
7	5.851	670	674	678	rBV	1015450	901540	6.28%	1.897%
8	6.028	699	704	708	rBV	2676697	2777332	19.34%	5.845%
9	6.216	732	736	740	rBV	298818	259585	1.81%	0.546%
10	6.498	778	784	787	rBV	2025816	2284274	15.91%	4.807%
11	7.351	924	929	933	rBV	1245479	1242412	8.65%	2.615%
12	8.681	1148	1155	1158	rBV	3875889	4238349	29.51%	8.920%
13	9.169	1234	1238	1242	rBV	243668	243518	1.70%	0.512%
14	9.492	1285	1293	1297	rBV2	1385975	1441892	10.04%	3.034%
15	10.669	1489	1493	1495	rBV	158563	155931	1.09%	0.328%
16	11.316	1598	1603	1606	rBV	1384657	1390407	9.68%	2.926%
17	12.804	1852	1856	1863	rVB	141179	161934	1.13%	0.341%
18	13.298	1934	1940	1943	rBV	3432032	3943463	27.46%	8.299%
19	14.457	2133	2137	2146	rBV3	217741	386673	2.69%	0.814%
20	14.563	2150	2155	2158	rBV	1138627	1212611	8.44%	2.552%
21	16.186	2427	2431	2440	rVB	704707	873402	6.08%	1.838%

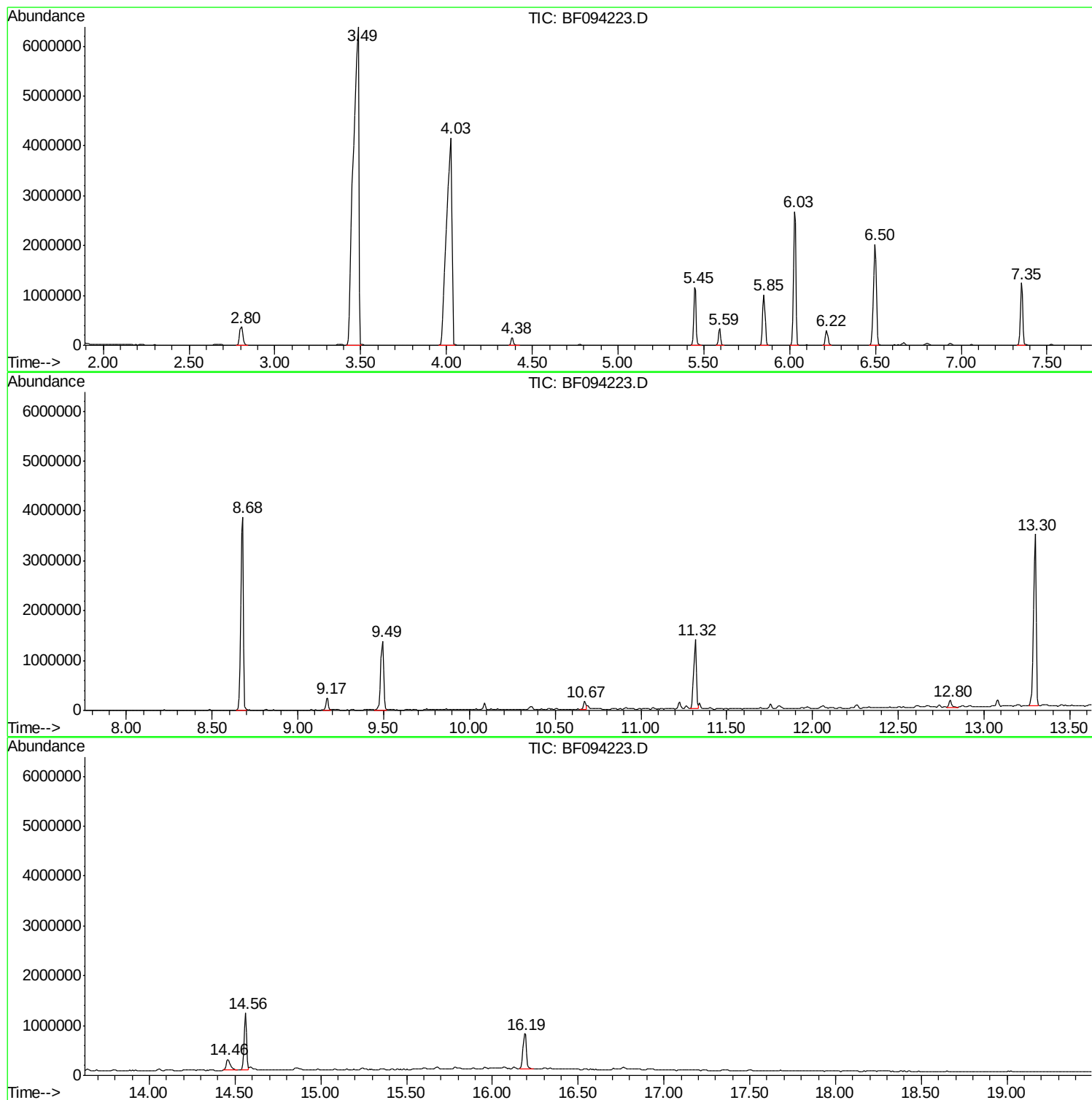
Sum of corrected areas: 47517385

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094223.D
Acq On : 6 Apr 2017 12:53
Operator : SJ/MA
Sample : I2511-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-SW

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\BF040617\
Data File : BF094223.D
Acq On : 6 Apr 2017 12:53
Operator : SJ/MA
Sample : I2511-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-SW

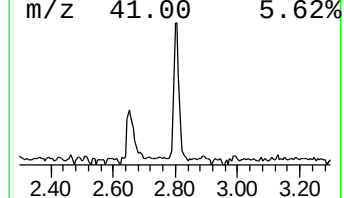
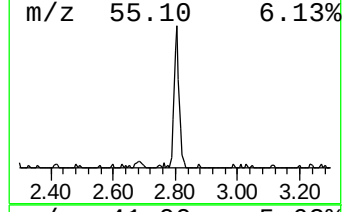
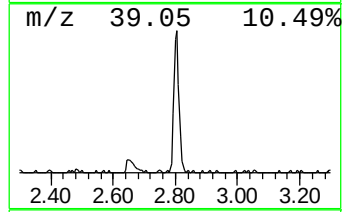
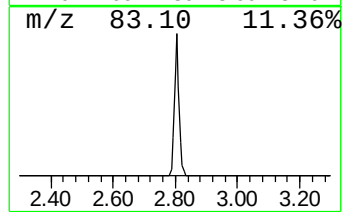
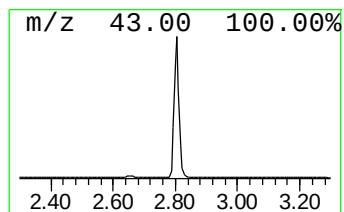
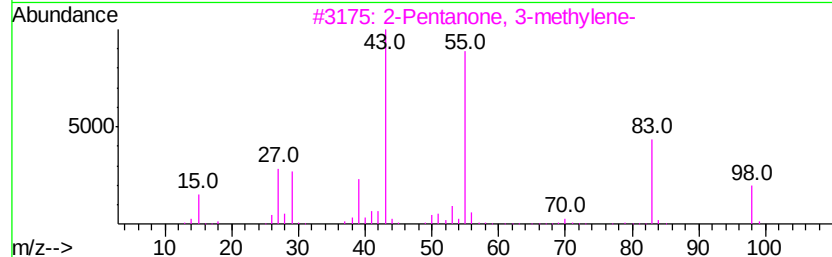
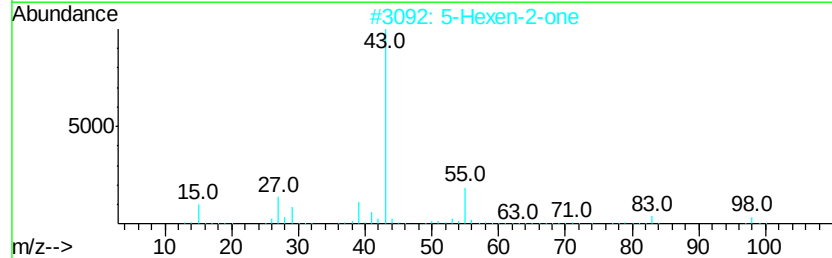
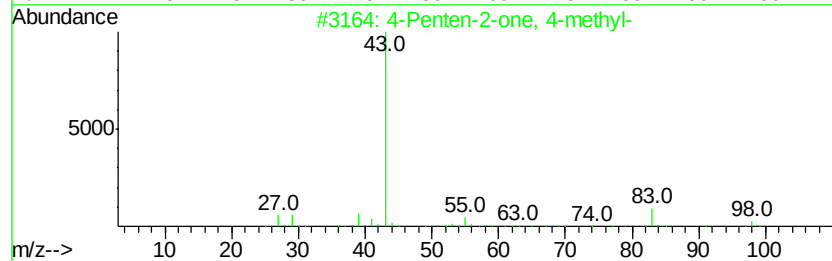
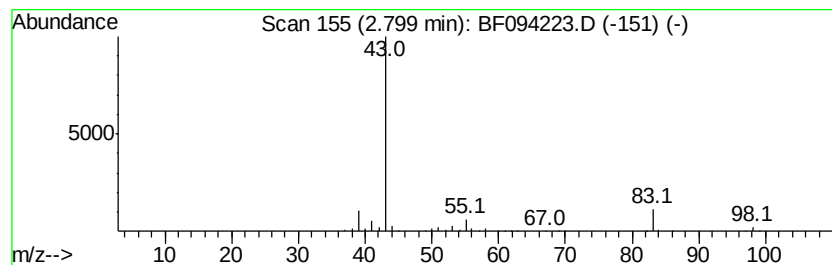
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	9.09 ng	409804	1,4-Dichlorobenzene-d4	5.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	86
2			5-Hexen-2-one	98	C6H10O	000109-49-9	47
3			2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	17
4			4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	9
5			Pent-3-enylamine	85	C5H11N	087156-70-5	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094223.D
Acq On : 6 Apr 2017 12:53
Operator : SJ/MA
Sample : I2511-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-SW

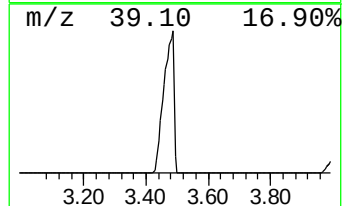
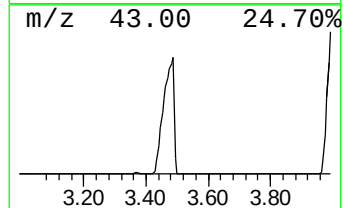
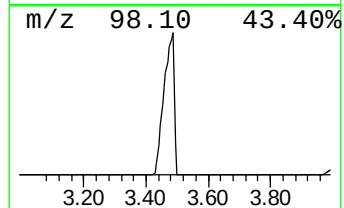
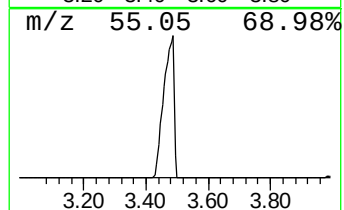
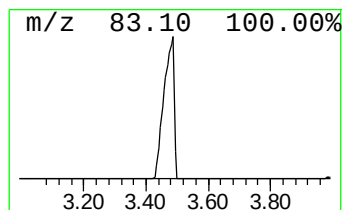
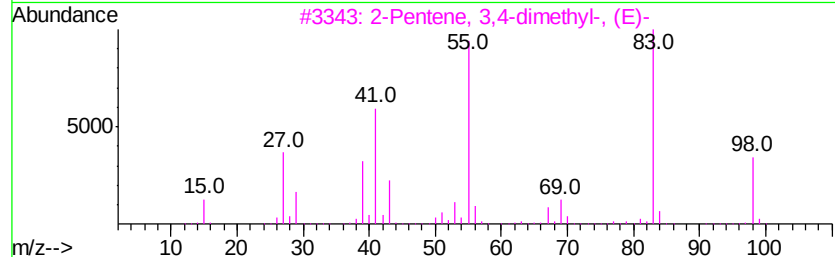
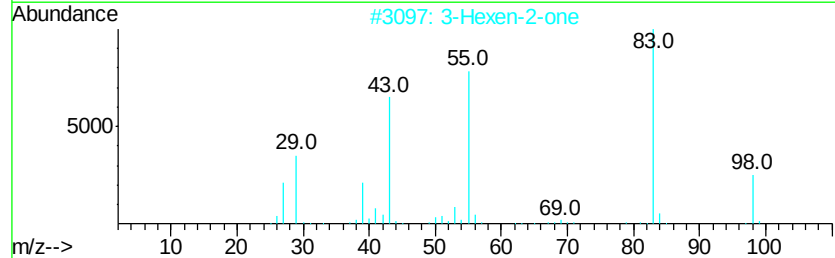
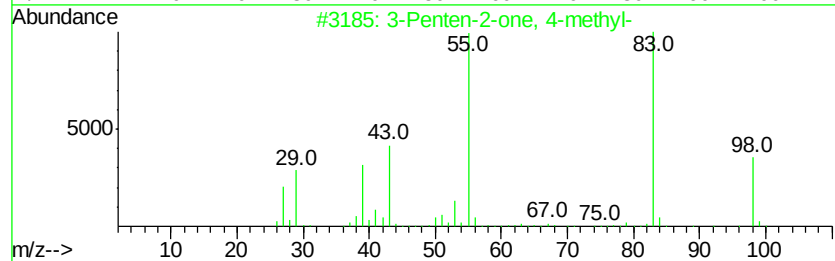
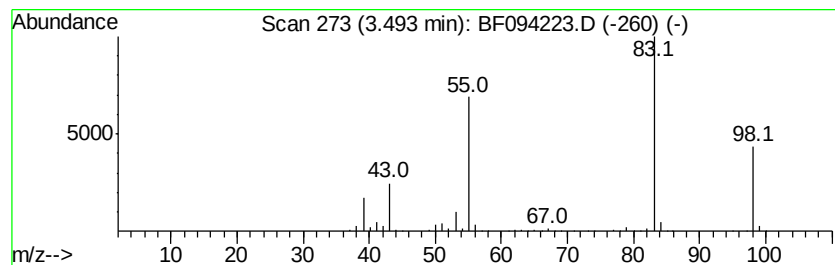
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.49	318.57 ng	14360300	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094223.D
Acq On : 6 Apr 2017 12:53
Operator : SJ/MA
Sample : I2511-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-SW

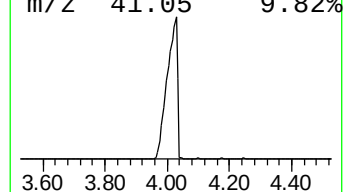
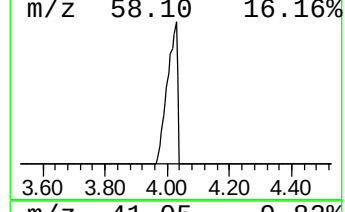
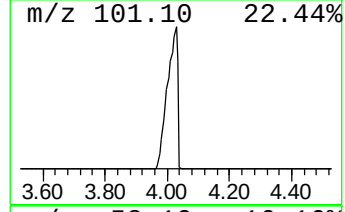
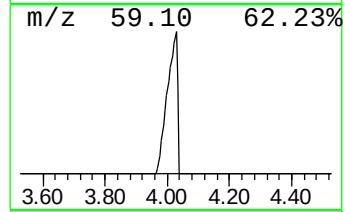
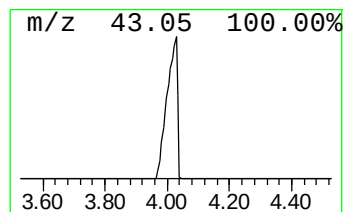
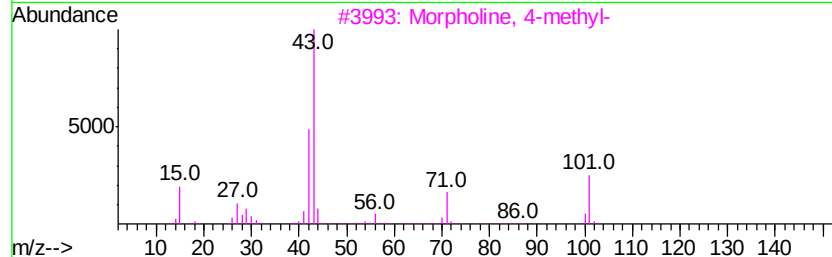
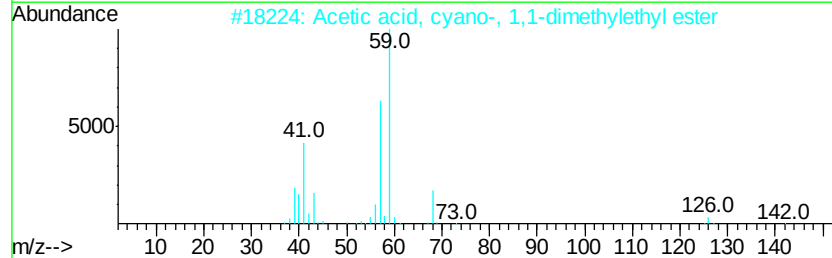
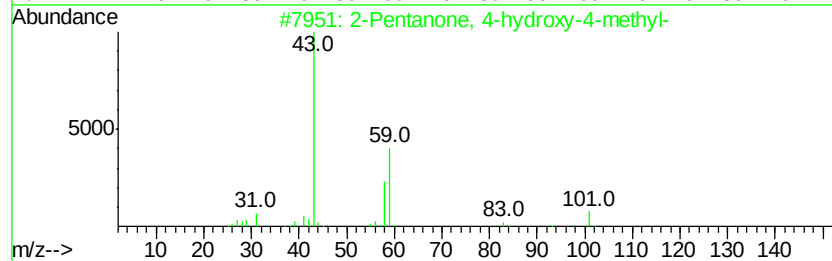
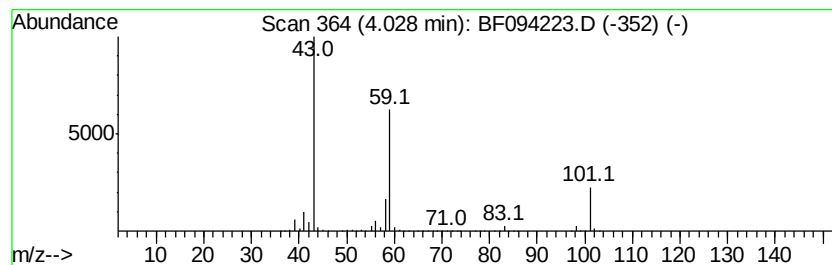
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	213.91 ng	9642280	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094223.D
Acq On : 6 Apr 2017 12:53
Operator : SJ/MA
Sample : I2511-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-SW

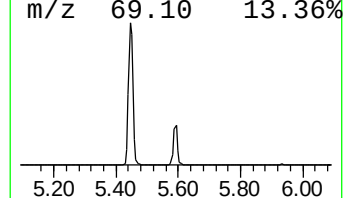
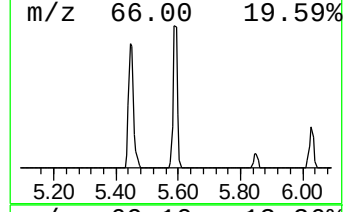
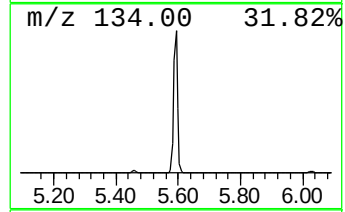
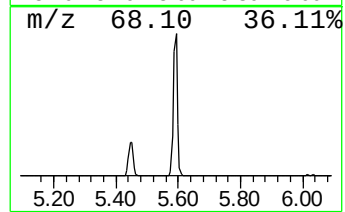
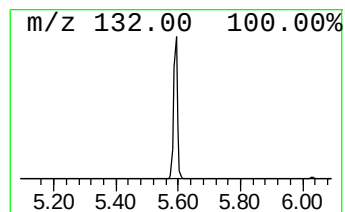
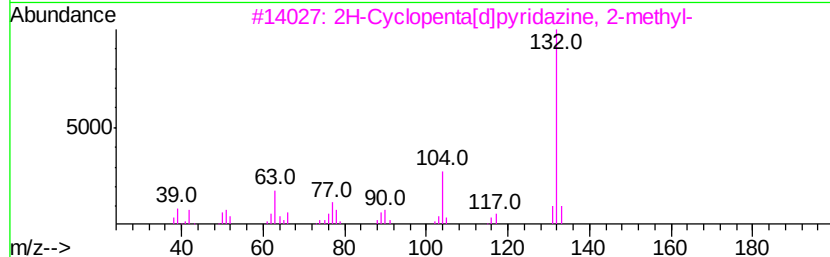
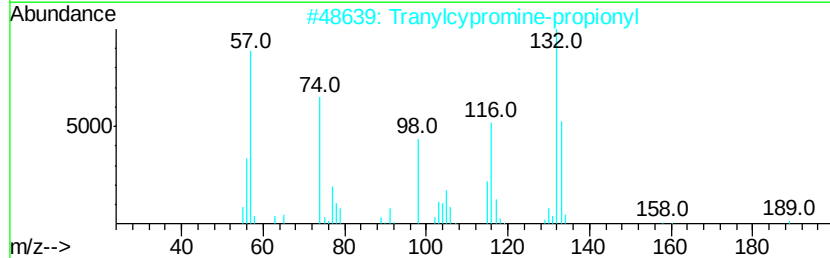
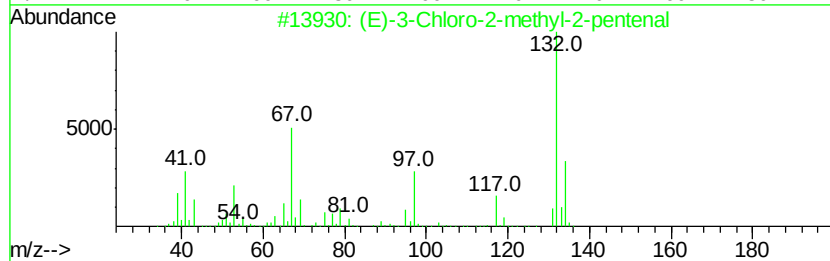
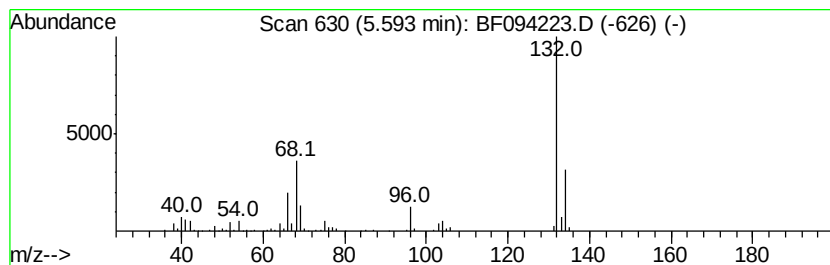
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown5.59 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	6.54 ng	294790	1,4-Dichlorobenzene-d4	5.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17	
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12	
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9	
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9	
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094223.D
Acq On : 6 Apr 2017 12:53
Operator : SJ/MA
Sample : I2511-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-SW

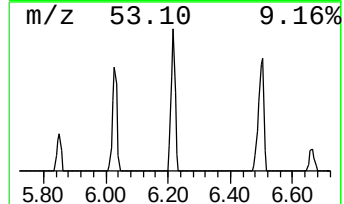
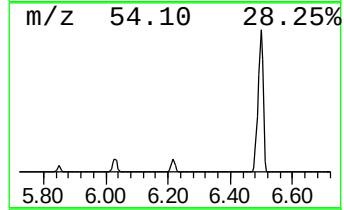
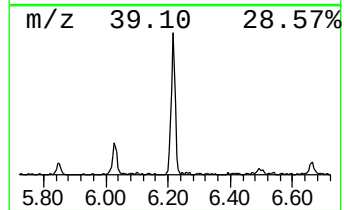
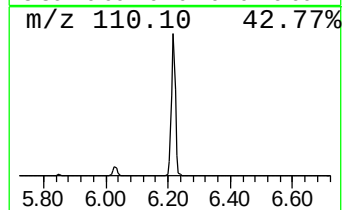
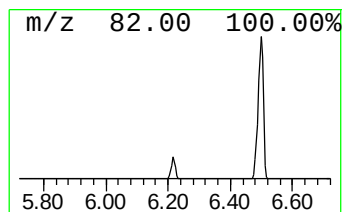
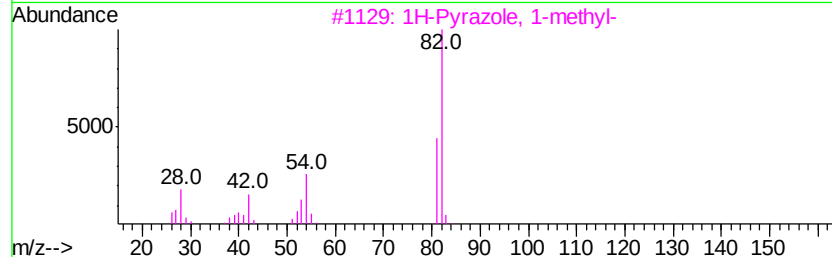
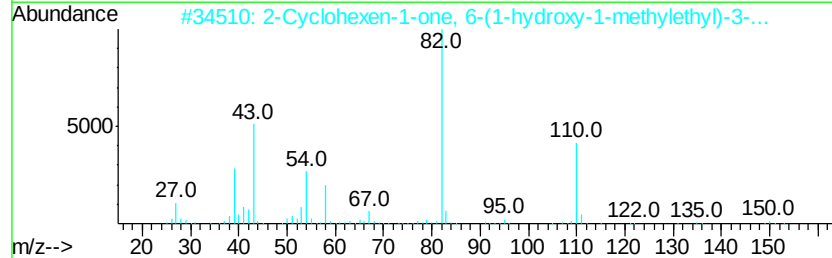
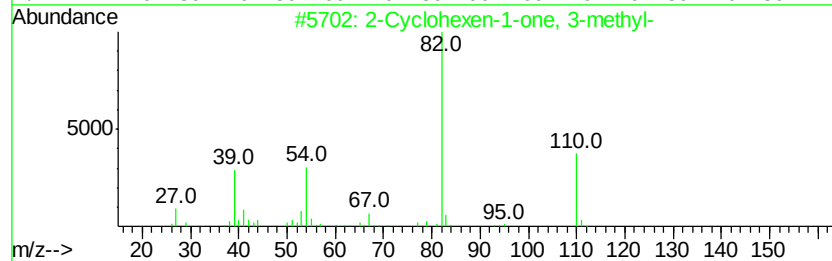
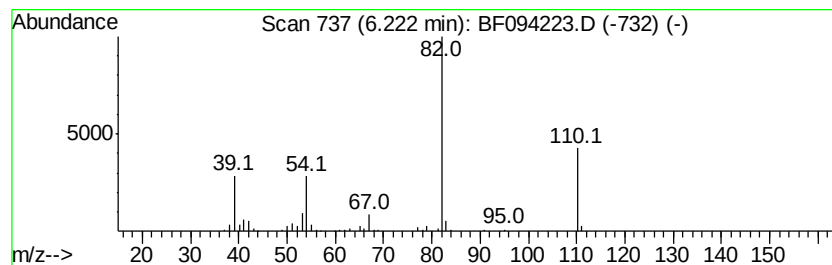
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	5.76 ng	259585	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	91
2		2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	72
3		1H-Pyrazole, 1-methyl-	82	C4H6N2	000930-36-9	47
4		1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	42
5		Betazole	111	C5H9N3	000105-20-4	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
Data File : BF094223.D
Acq On : 6 Apr 2017 12:53
Operator : SJ/MA
Sample : I2511-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

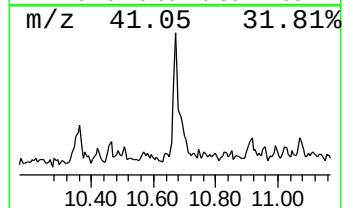
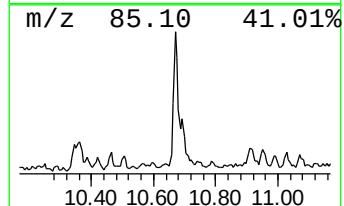
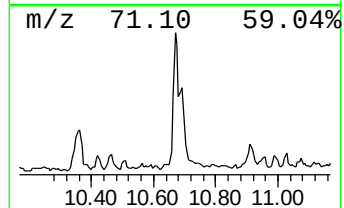
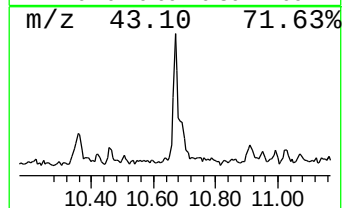
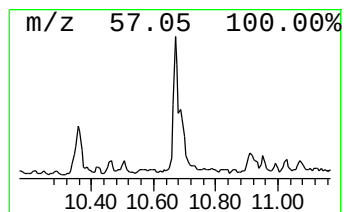
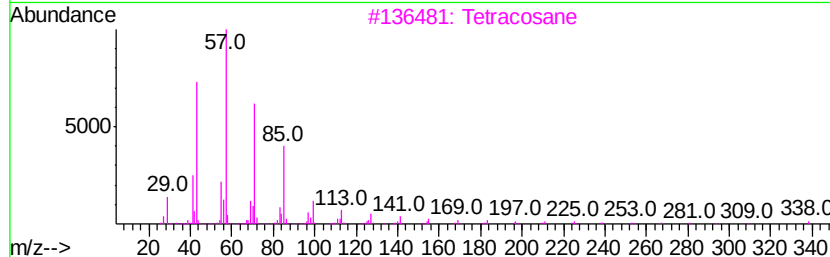
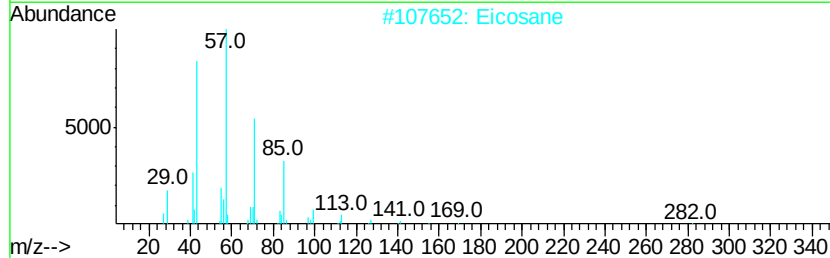
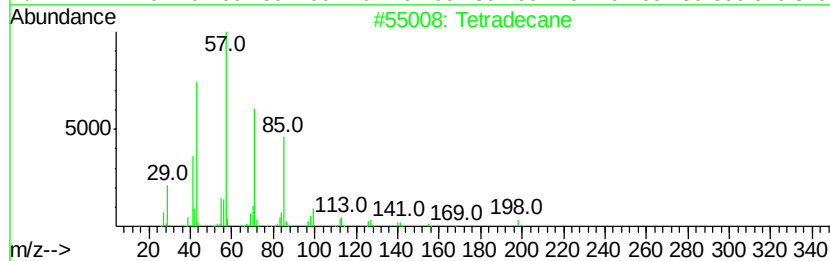
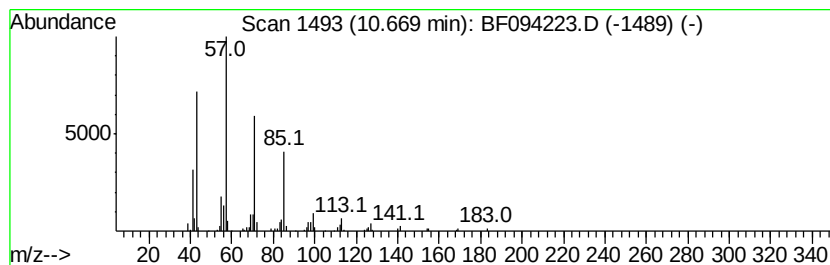
Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-SW

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 7 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.67	2.24 ng	155931	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094223.D
Acq On : 6 Apr 2017 12:53
Operator : SJ/MA
Sample : I2511-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

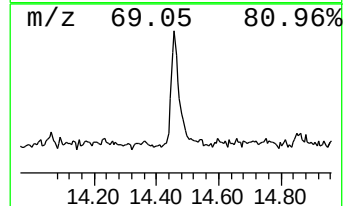
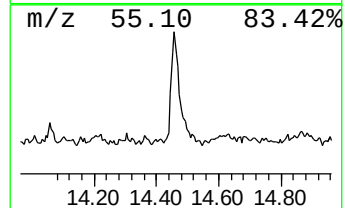
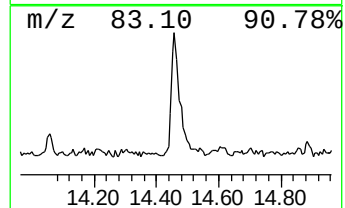
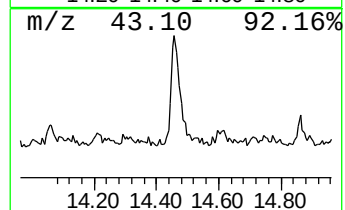
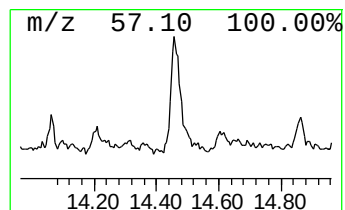
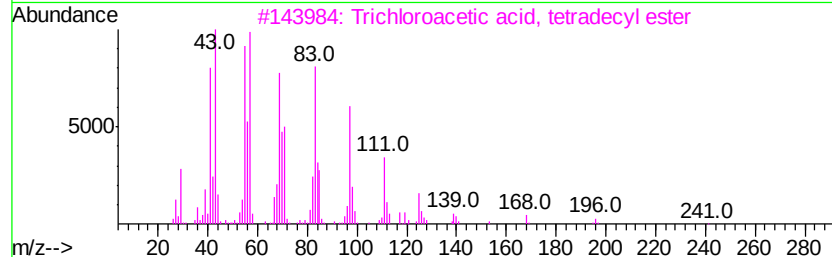
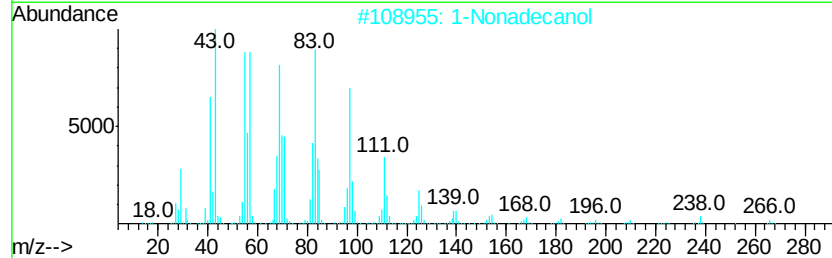
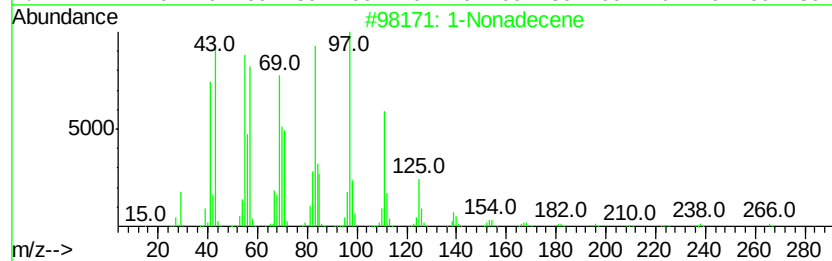
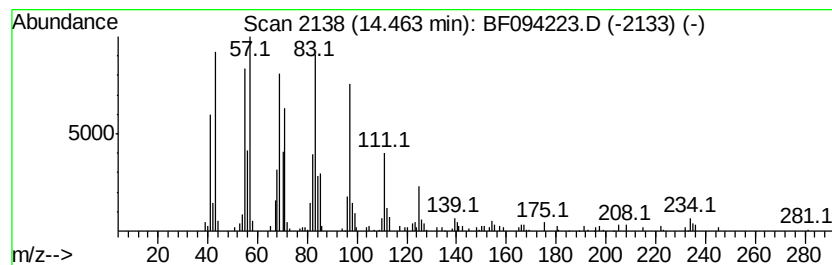
Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-SW

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 9 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.46	6.38 ng	386673	Chrysene-d12	14.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	1-Nonadecanol	284	C19H40O	001454-84-8	87
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87
4	1-Octadecanol	270	C18H38O	000112-92-5	87
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
Data File : BF094223.D
Acq On : 6 Apr 2017 12:53
Operator : SJ/MA
Sample : I2511-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-SW

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4-Penten-2-one, 4...	2.80	9.1 ng		409804	1	5.85	901540	20.0
3-Penten-2-one, 4...	3.49	318.6 ng		14360300	1	5.85	901540	20.0
2-Pentanone, 4-hy...	4.03	213.9 ng		9642280	1	5.85	901540	20.0
unknown5.59	5.59	6.5 ng		294790	1	5.85	901540	20.0
2-Cyclohexen-1-on...	6.22	5.8 ng		259585	1	5.85	901540	20.0
Tetradecane	10.67	2.2 ng		155931	4	11.32	1390410	20.0
1-Nonadecene	14.46	6.4 ng		386673	5	14.56	1212610	20.0