

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096293.D
 Acq On : 29 Jun 2017 15:54
 Operator : SJ/MA
 Sample : I3928-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH-14

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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	3.175	183	185	201	rBV	69085	133162	3.40%	0.378%
2	3.810	287	293	299	rBV	546895	760762	19.43%	2.158%
3	4.340	379	383	391	rVB	347241	391909	10.01%	1.112%
4	4.981	485	492	495	rBV	2587942	3318489	84.74%	9.413%
5	5.387	556	561	565	rBV	3093302	3080360	78.66%	8.737%
6	6.404	728	734	740	rBV	3705728	3915891	100.00%	11.107%
7	6.540	752	757	760	rBV	3488312	3236534	82.65%	9.180%
8	6.769	793	796	800	rBV	1151501	1032044	26.36%	2.927%
9	6.928	819	823	827	rBV	3247564	2992442	76.42%	8.488%
10	7.016	835	838	841	rBV	108302	86253	2.20%	0.245%
11	7.175	859	865	868	rBV	145229	127696	3.26%	0.362%
12	7.328	886	891	894	rBV	2485152	2489754	63.58%	7.062%
13	7.822	970	975	980	rVB2	55255	87241	2.23%	0.247%
14	8.051	1010	1014	1017	rBV	1537880	1323661	33.80%	3.755%
15	9.128	1192	1197	1201	rBV	3591718	3597424	91.87%	10.204%
16	9.522	1260	1264	1266	rBV	287195	250706	6.40%	0.711%
17	9.751	1297	1303	1306	rBV	80151	62517	1.60%	0.177%
18	9.804	1307	1312	1316	rBV	1316170	1116682	28.52%	3.167%
19	10.245	1384	1387	1391	rVB	101616	91099	2.33%	0.258%
20	10.469	1420	1425	1427	rBV	36893	45369	1.16%	0.129%
21	10.586	1441	1445	1449	rVB	1024258	854065	21.81%	2.423%
22	10.722	1464	1468	1476	rVB	115456	139326	3.56%	0.395%
23	11.169	1536	1544	1547	rBV2	74126	77953	1.99%	0.221%
24	11.286	1560	1564	1566	rBV	1007848	890197	22.73%	2.525%
25	11.304	1566	1567	1571	rVB	70747	54096	1.38%	0.153%
26	11.592	1611	1616	1619	rBV	37835	40354	1.03%	0.114%
27	12.492	1765	1769	1772	rBV	61288	52252	1.33%	0.148%
28	12.722	1802	1808	1812	rVV	58545	69143	1.77%	0.196%
29	12.757	1812	1814	1822	rVB2	45499	47111	1.20%	0.134%
30	12.869	1829	1833	1837	rBV	2635993	2639149	67.40%	7.486%
31	13.116	1872	1875	1879	rVB	52143	43264	1.10%	0.123%
32	13.769	1983	1986	1995	rBV	373303	381278	9.74%	1.081%
33	13.916	2007	2011	2014	rBV	1059461	970251	24.78%	2.752%
34	14.404	2091	2094	2096	rBV	60077	55599	1.42%	0.158%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062917\
Data File : BF096293.D
Acq On : 29 Jun 2017 15:54
Operator : SJ/MA
Sample : I3928-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

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-BF062717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.339	2248	2253	2259	rBV	591965	748577	19.12%	2.123%
36	15.851	2338	2340	2347	rVB6	42747	52701	1.35%	0.149%

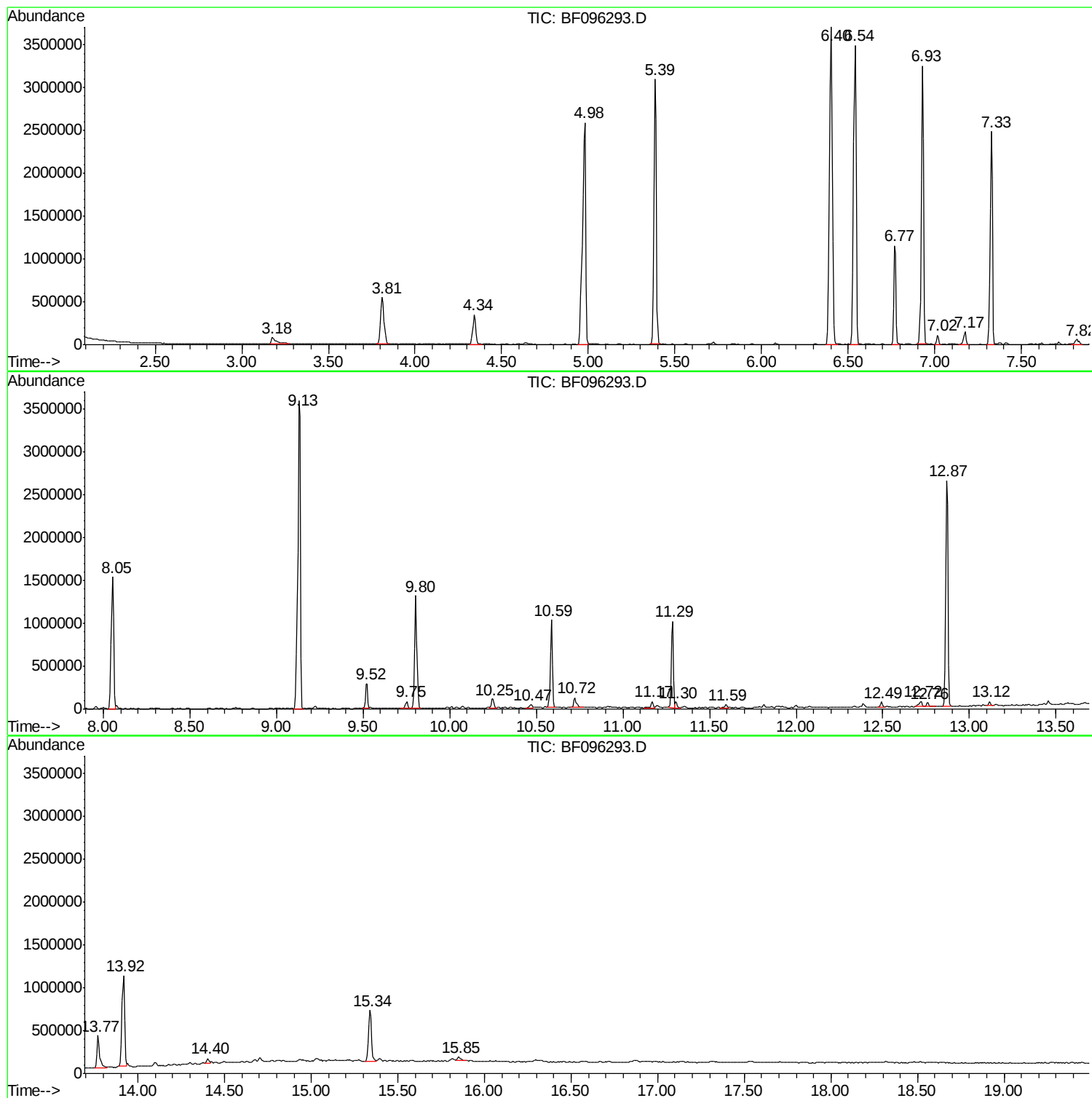
Sum of corrected areas: 35255311

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096293.D
Acq On : 29 Jun 2017 15:54
Operator : SJ/MA
Sample : I3928-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.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\BF062917\
Data File : BF096293.D
Acq On : 29 Jun 2017 15:54
Operator : SJ/MA
Sample : I3928-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

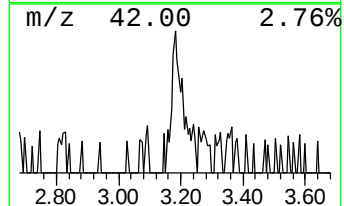
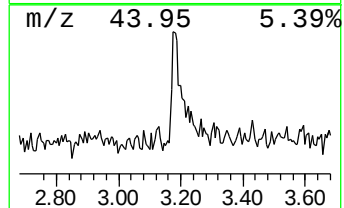
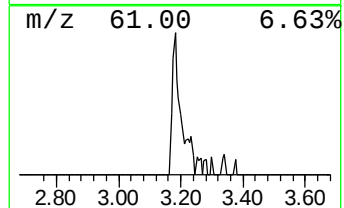
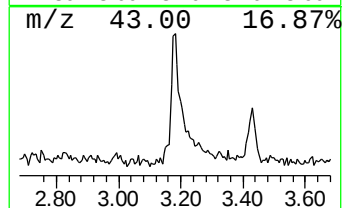
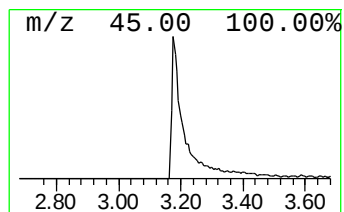
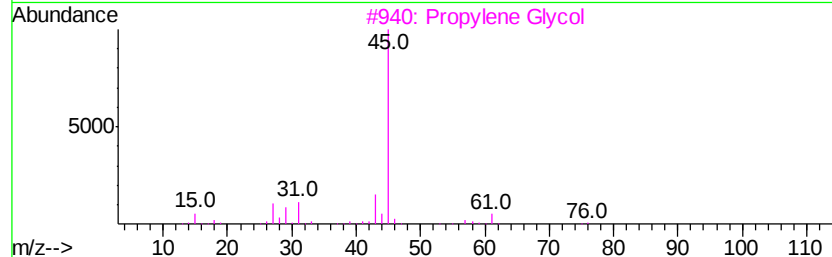
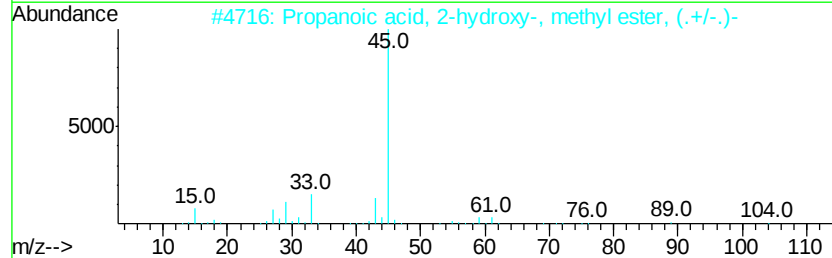
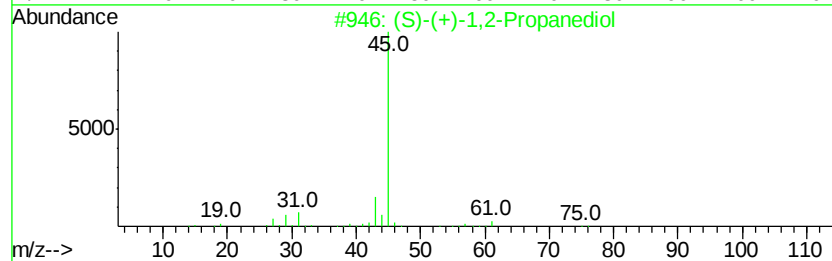
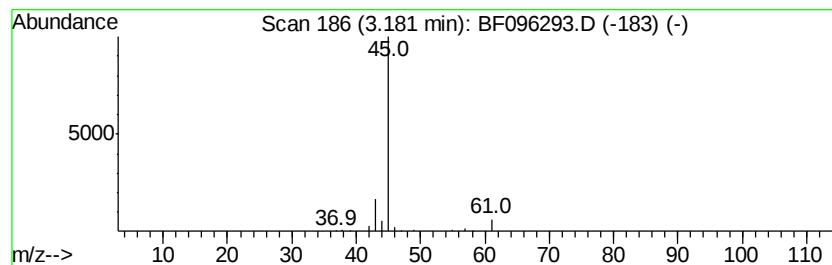
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown3.18 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	2.58 ng	133162	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
2		Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9
3		Propylene Glycol	76	C3H8O2	000057-55-6	9
4		Formamide	45	CH3NO	000075-12-7	7
5		Ethylamine	45	C2H7N	000075-04-7	4



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062917\
Data File : BF096293.D
Acq On : 29 Jun 2017 15:54
Operator : SJ/MA
Sample : I3928-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

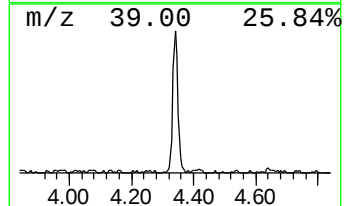
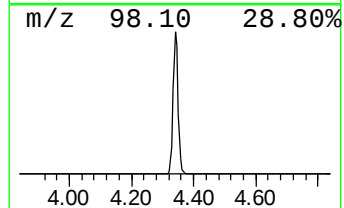
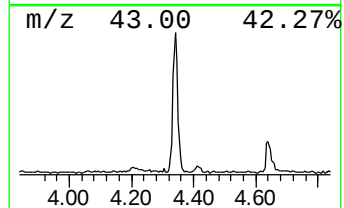
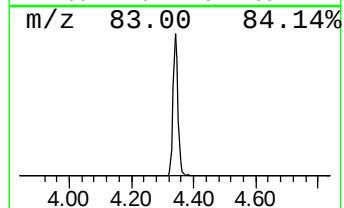
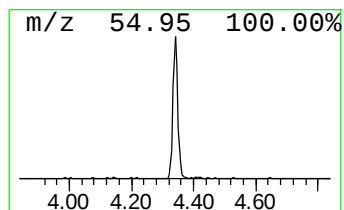
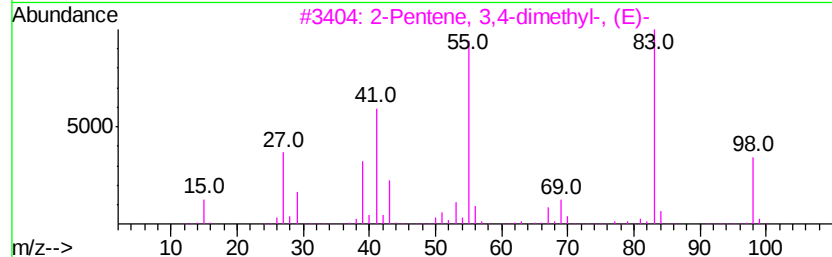
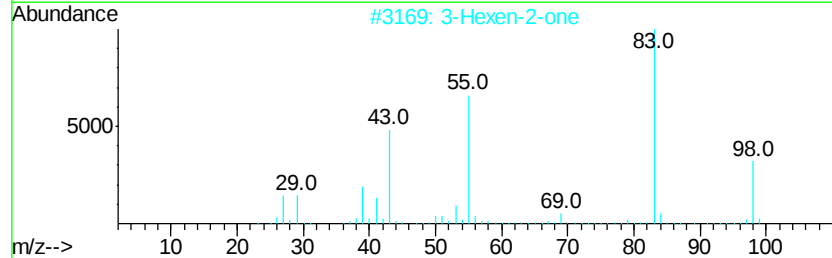
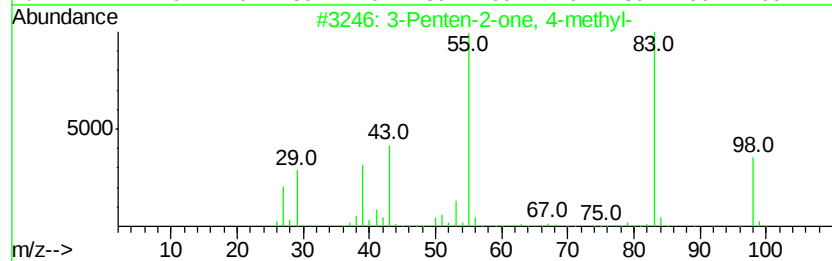
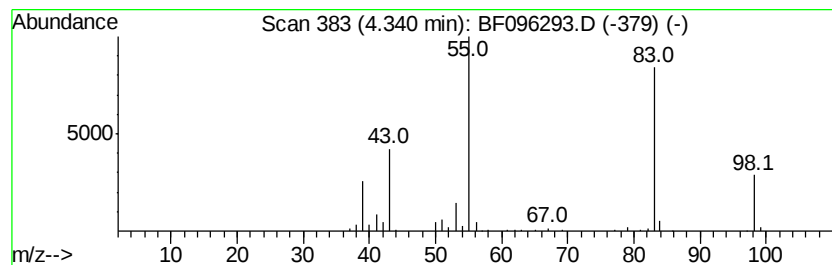
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	7.59 ng	391909	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	86
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5		2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096293.D
Acq On : 29 Jun 2017 15:54
Operator : SJ/MA
Sample : I3928-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

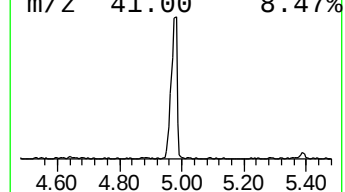
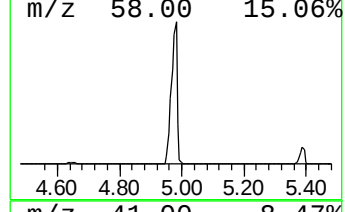
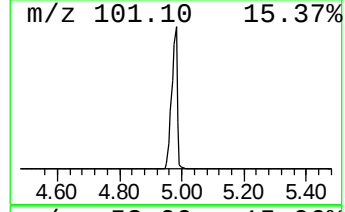
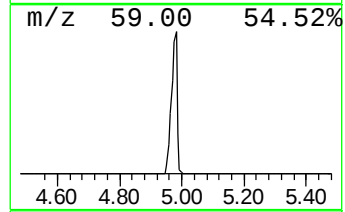
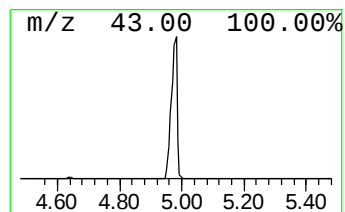
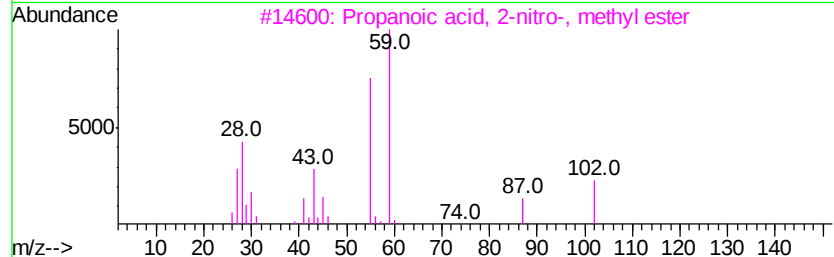
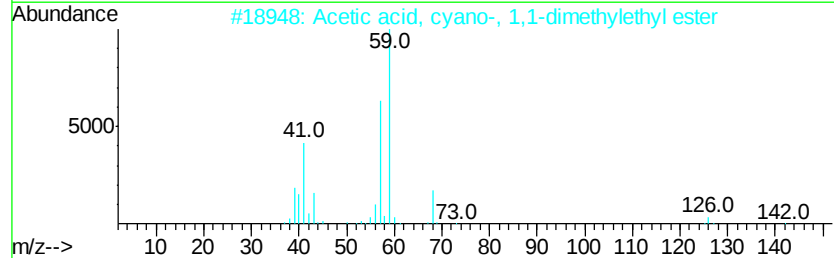
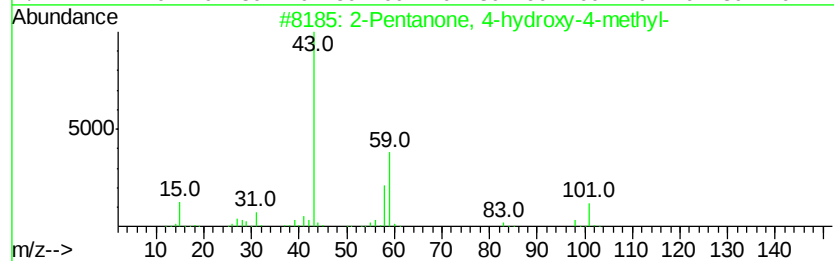
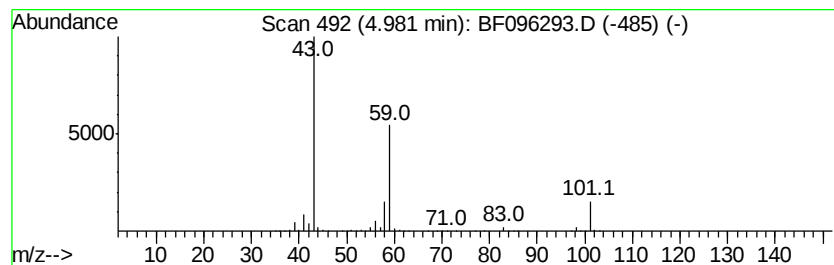
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown4.98 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	64.31 ng	3318490	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3			Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9
4			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9
5			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096293.D
Acq On : 29 Jun 2017 15:54
Operator : SJ/MA
Sample : I3928-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

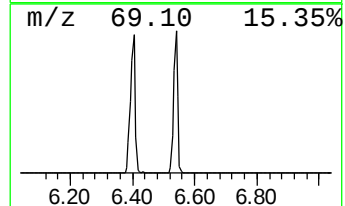
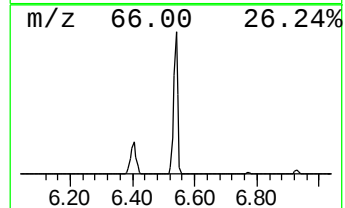
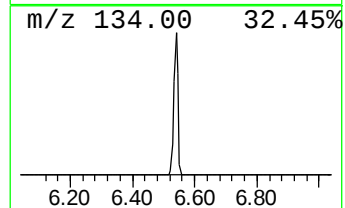
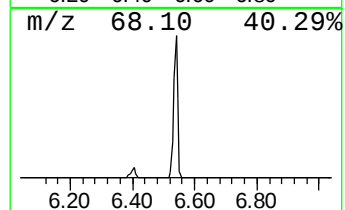
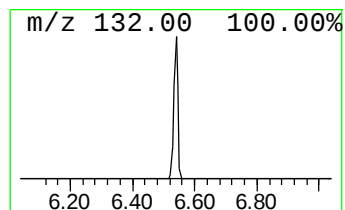
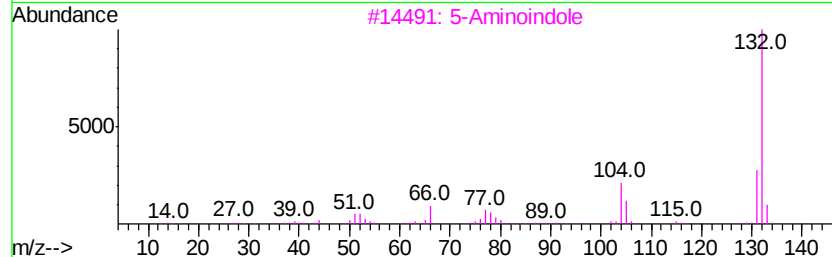
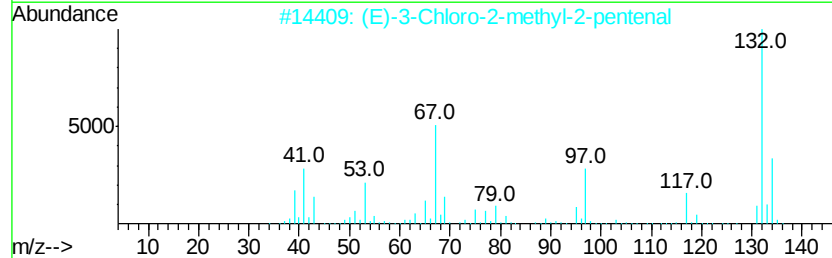
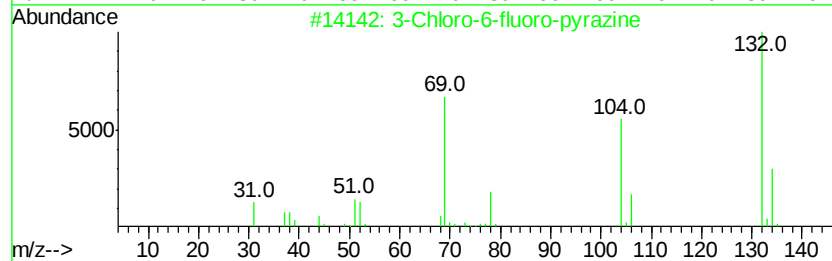
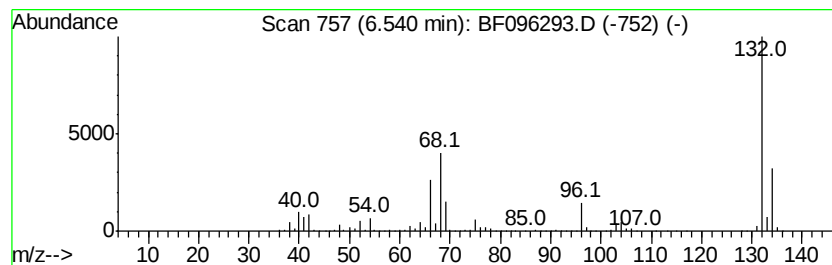
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	62.72 ng	3236530	1,4-Dichlorobenzene-d4	6.77

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	17
3	5-Aminoindole			132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl			189	C12H15NO	1000123-86-3	10
5	Amphetaminil			250	C17H18N2	017590-01-1	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062917\
Data File : BF096293.D
Acq On : 29 Jun 2017 15:54
Operator : SJ/MA
Sample : I3928-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

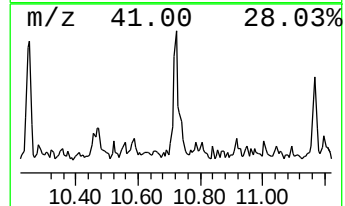
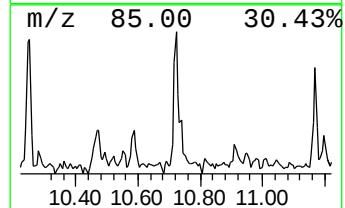
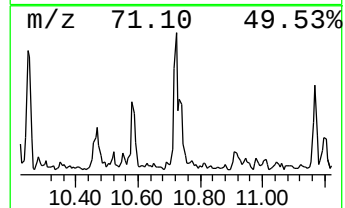
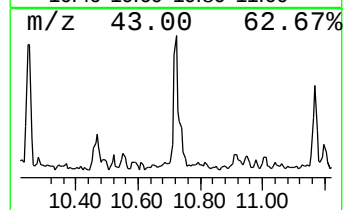
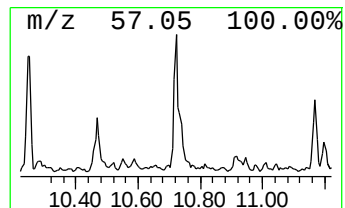
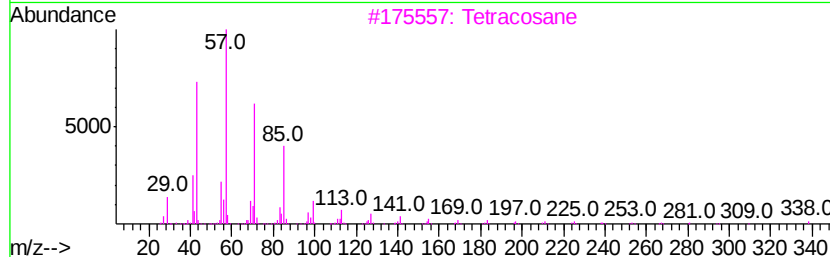
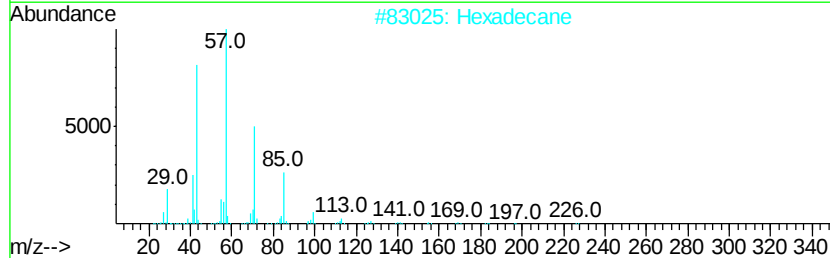
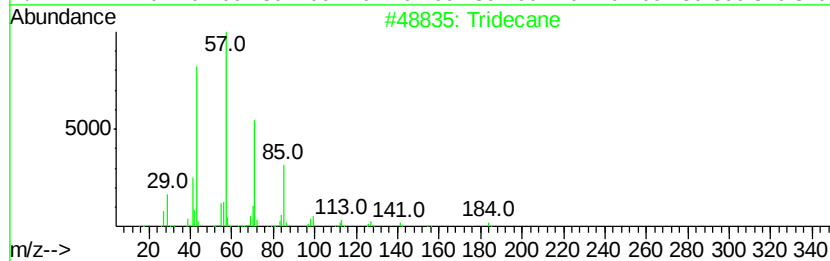
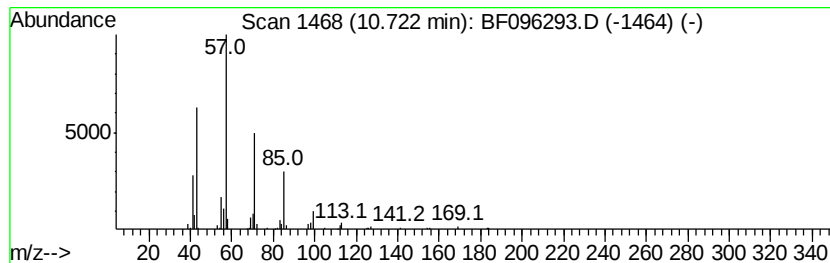
Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.72	3.13 ng	139326	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetracosane	338	C24H50	000646-31-1	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096293.D
Acq On : 29 Jun 2017 15:54
Operator : SJ/MA
Sample : I3928-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

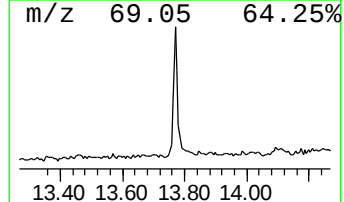
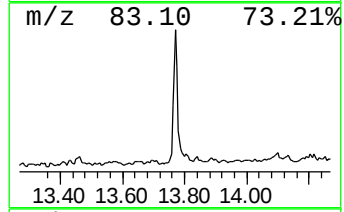
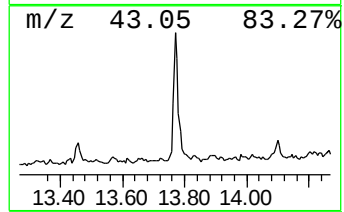
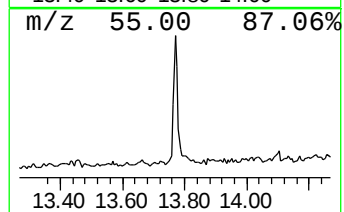
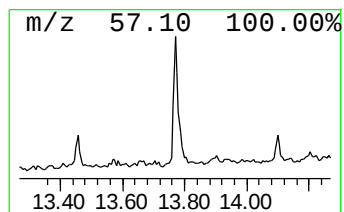
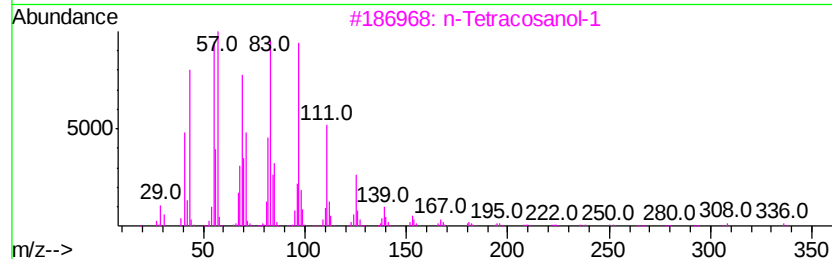
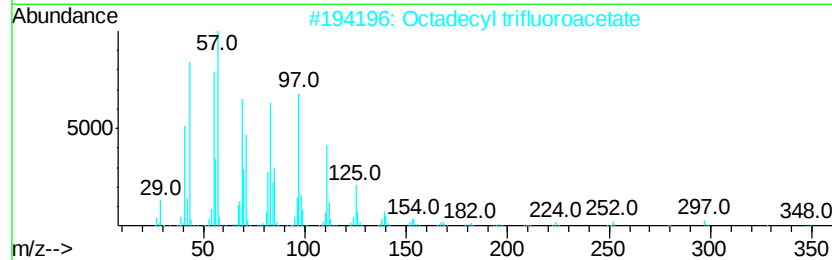
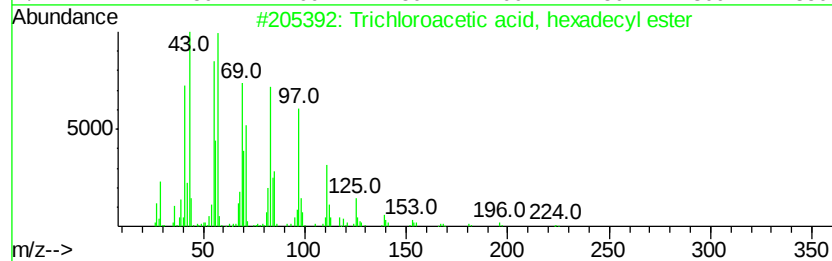
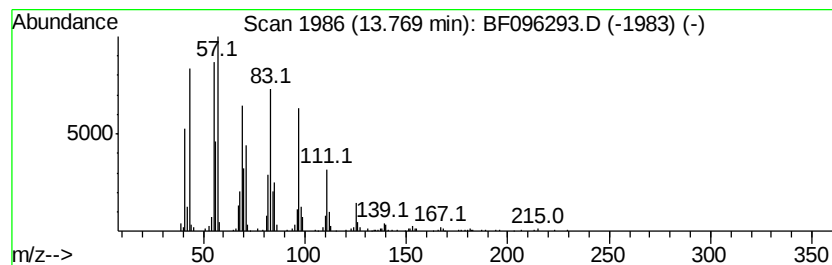
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	7.86 ng	381278	Chrysene-d12	13.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4		1-Octadecanol	270	C18H38O	000112-92-5	90
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062917\
Data File : BF096293.D
Acq On : 29 Jun 2017 15:54
Operator : SJ/MA
Sample : I3928-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown3.18	3.18	2.6	ng	133162	1	6.77	1032040	20.0
3-Penten-2-one, 4...	4.34	7.6	ng	391909	1	6.77	1032040	20.0
unknown4.98	4.98	64.3	ng	3318490	1	6.77	1032040	20.0
unknown6.54	6.54	62.7	ng	3236530	1	6.77	1032040	20.0
Tridecane	10.72	3.1	ng	139326	4	11.29	890197	20.0
Trichloroacetic a...	13.77	7.9	ng	381278	5	13.92	970251	20.0