

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
 Data File : BF079395.D
 Acq On : 20 May 2015 23:18
 Operator : TP/IZ
 Sample : G2314-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC051915-SOIL

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-BF043015.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	1.233	3	4	7	rVB	3015842	3124148	100.00%	12.865%
2	1.358	12	15	27	rVB	108234	279427	8.94%	1.151%
3	1.518	27	29	32	rVB	159641	183822	5.88%	0.757%
4	1.621	36	38	46	rVB	184086	317835	10.17%	1.309%
5	1.736	46	48	80	rVB	1703679	3039811	97.30%	12.518%
6	4.833	317	319	328	rVB	104244	141664	4.53%	0.583%
7	5.370	364	366	378	rVB	659690	992926	31.78%	4.089%
8	6.673	477	480	482	rBV	758450	1017591	32.57%	4.190%
9	6.799	489	491	494	rBV	983649	1071548	34.30%	4.413%
10	7.085	514	516	519	rBV	356500	427882	13.70%	1.762%
11	7.279	530	533	535	rBV	719918	835034	26.73%	3.439%
12	7.782	575	577	580	rBV	638843	600012	19.21%	2.471%
13	8.662	652	654	657	rBV	540760	587929	18.82%	2.421%
14	10.011	770	772	775	rBV	1384482	1320748	42.28%	5.439%
15	10.525	814	817	819	rBV	66901	79644	2.55%	0.328%
16	10.662	826	829	831	rBV	61093	65764	2.11%	0.271%
17	10.834	842	844	847	rVB	680232	664738	21.28%	2.737%
18	11.817	927	930	933	rBV	825936	858985	27.50%	3.537%
19	11.977	941	944	946	rBV	86613	81119	2.60%	0.334%
20	12.022	946	948	952	rVB	21661	40676	1.30%	0.168%
21	12.674	1002	1005	1007	rBV	758090	799683	25.60%	3.293%
22	12.708	1007	1008	1010	rVV	117118	82255	2.63%	0.339%
23	12.765	1011	1013	1015	rVB	66745	72271	2.31%	0.298%
24	13.302	1058	1060	1062	rBV	33234	34702	1.11%	0.143%
25	13.337	1062	1063	1066	rVB	48736	46589	1.49%	0.192%
26	13.405	1066	1069	1070	rBV2	39987	59644	1.91%	0.246%
27	13.440	1070	1072	1073	rBV	46028	64966	2.08%	0.268%
28	13.680	1091	1093	1094	rBV	28070	32554	1.04%	0.134%
29	13.988	1117	1120	1122	rBV2	37867	52503	1.68%	0.216%
30	14.091	1127	1129	1132	rVB2	25748	52674	1.69%	0.217%
31	14.182	1134	1137	1139	rBV	297946	402159	12.87%	1.656%
32	14.297	1145	1147	1149	rVB	34342	34258	1.10%	0.141%
33	14.457	1158	1161	1163	rBV	412631	449665	14.39%	1.852%
34	14.537	1166	1168	1173	rVB3	56355	102134	3.27%	0.421%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
 Data File : BF079395.D
 Acq On : 20 May 2015 23:18
 Operator : TP/IZ
 Sample : G2314-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC051915-SOIL

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-BF043015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.674	1177	1180	1182	rBV	1280855	1599651	51.20%	6.587%
36	14.743	1182	1186	1188	rVB2	26358	46240	1.48%	0.190%
37	14.880	1192	1198	1200	rBV2	47183	125976	4.03%	0.519%
38	14.960	1203	1205	1207	rBV	33543	40261	1.29%	0.166%
39	15.005	1207	1209	1212	rVB2	52497	75464	2.42%	0.311%
40	15.108	1216	1218	1220	rBV	28547	36525	1.17%	0.150%
41	15.154	1220	1222	1224	rBV	32724	41900	1.34%	0.173%
42	15.314	1232	1236	1237	rBV2	51285	78230	2.50%	0.322%
43	15.508	1251	1253	1256	rVB	35512	46366	1.48%	0.191%
44	15.645	1262	1265	1267	rBV	52179	83391	2.67%	0.343%
45	15.703	1267	1270	1272	rVV2	31278	61562	1.97%	0.254%
46	15.851	1281	1283	1288	rBV3	178476	271457	8.69%	1.118%
47	15.965	1289	1293	1295	rBV2	773188	1231691	39.42%	5.072%
48	16.000	1295	1296	1301	rVB2	180733	229124	7.33%	0.944%
49	16.137	1305	1308	1310	rBV2	48688	108077	3.46%	0.445%
50	16.274	1317	1320	1324	rBV4	39812	90621	2.90%	0.373%
51	17.268	1404	1407	1413	rBV	249225	568644	18.20%	2.342%
52	17.589	1433	1435	1439	rBV	122165	183072	5.86%	0.754%
53	17.657	1439	1441	1444	rBV	215216	258501	8.27%	1.065%
54	17.726	1444	1447	1451	rBV	616239	910410	29.14%	3.749%
55	19.086	1564	1566	1571	rVB2	103409	178998	5.73%	0.737%

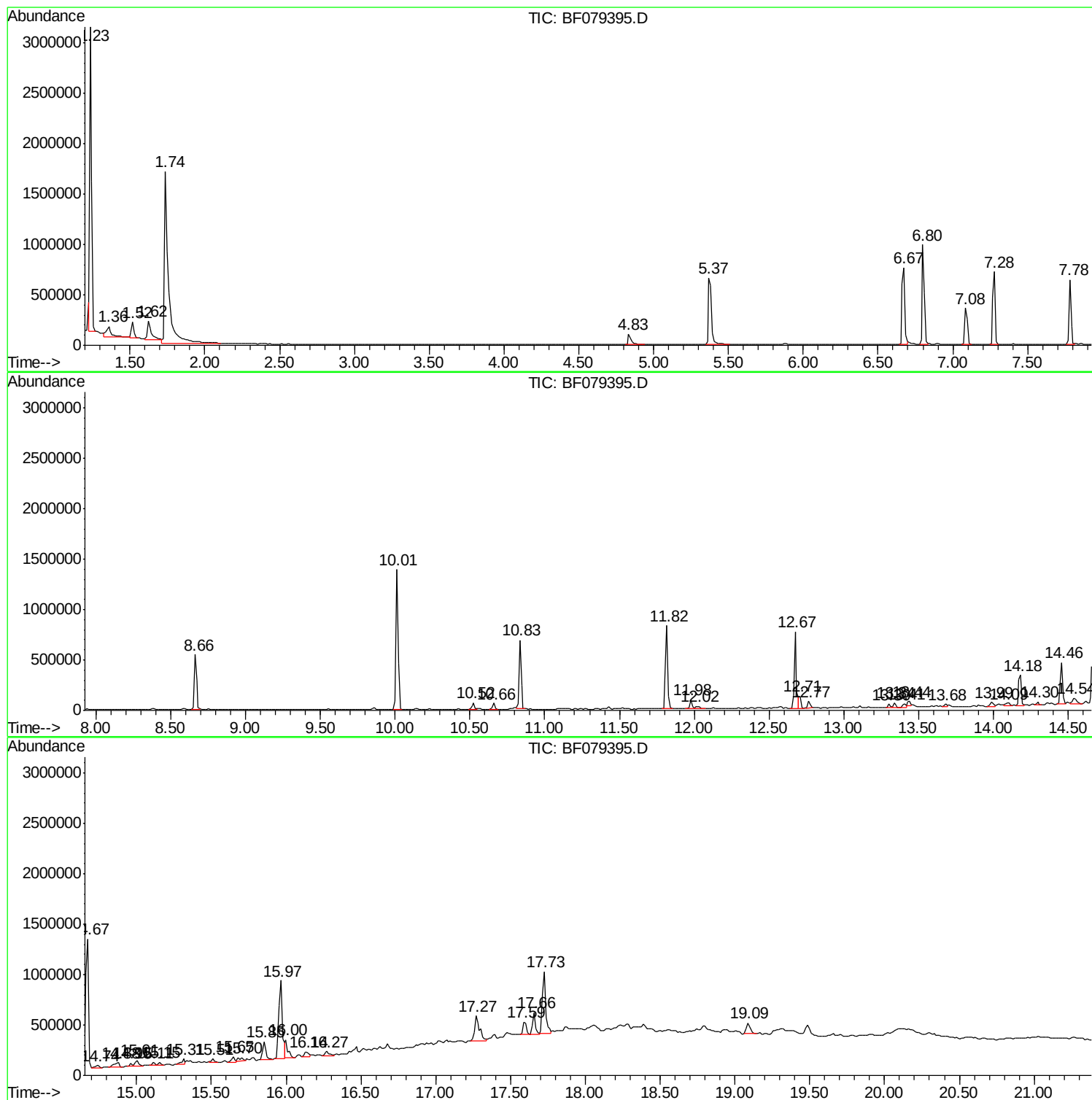
Sum of corrected areas: 24283521

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079395.D
Acq On : 20 May 2015 23:18
Operator : TP/IZ
Sample : G2314-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC051915-SOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.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\BF052015\
Data File : BF079395.D
Acq On : 20 May 2015 23:18
Operator : TP/IZ
Sample : G2314-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC051915-SOIL

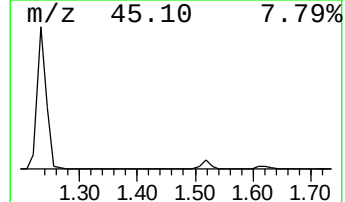
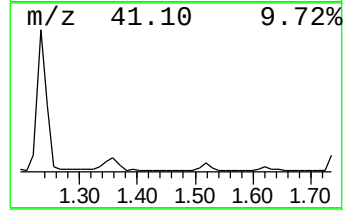
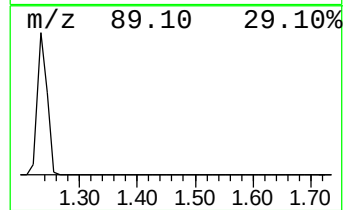
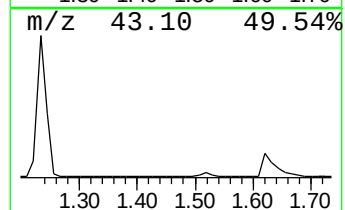
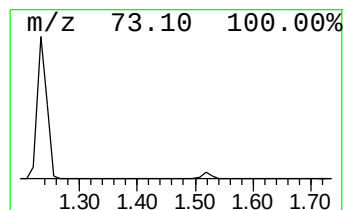
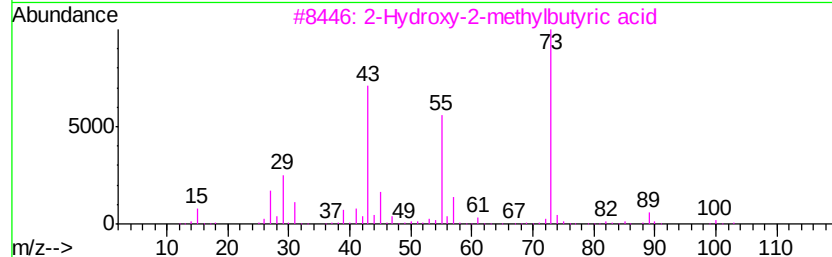
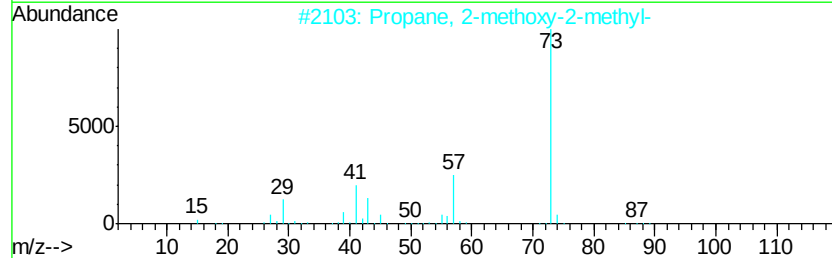
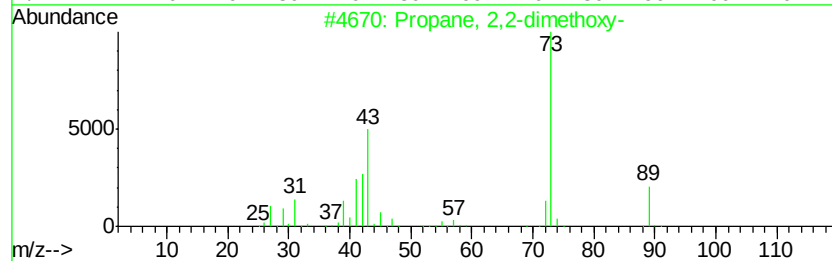
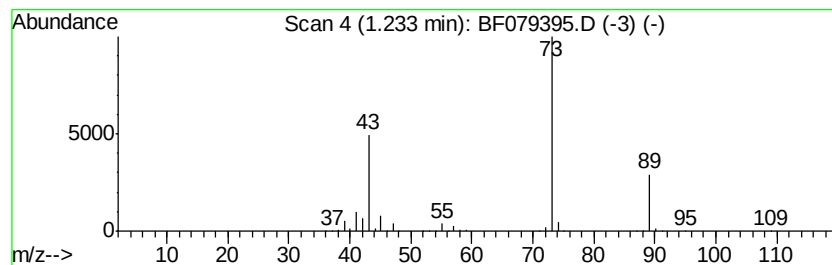
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	146.03 ng	3124150	1,4-Dichlorobenzene-d4	7.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	5



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079395.D
Acq On : 20 May 2015 23:18
Operator : TP/IZ
Sample : G2314-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC051915-SOIL

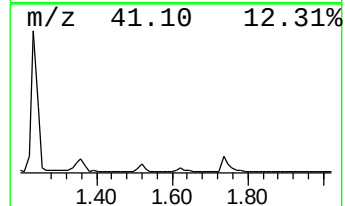
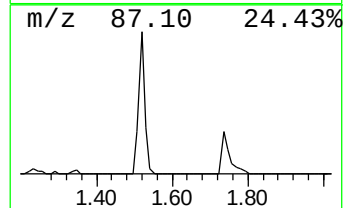
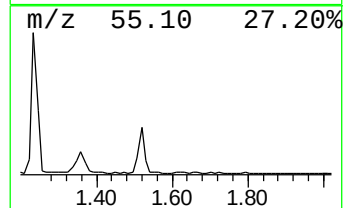
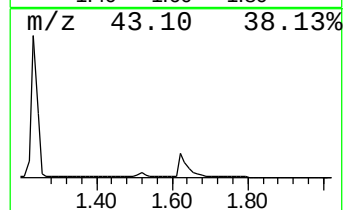
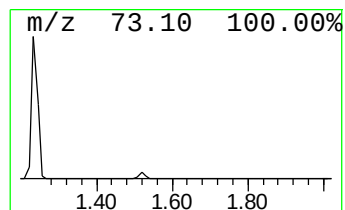
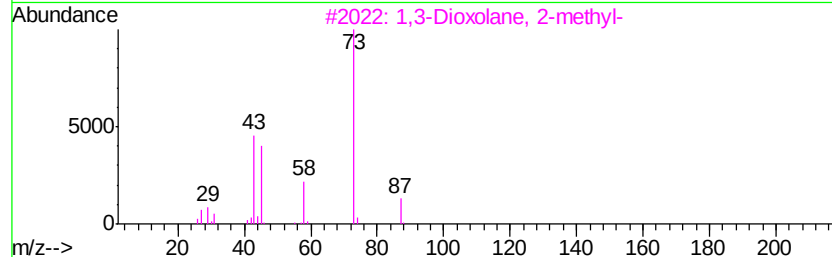
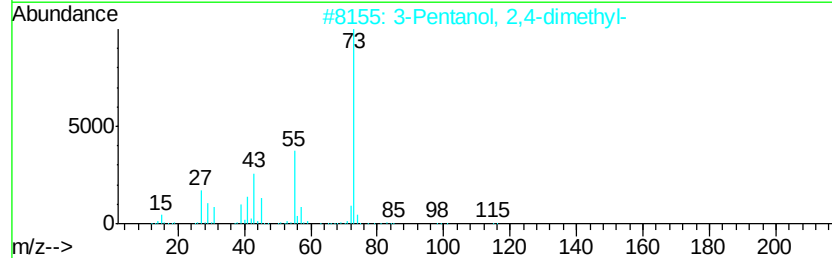
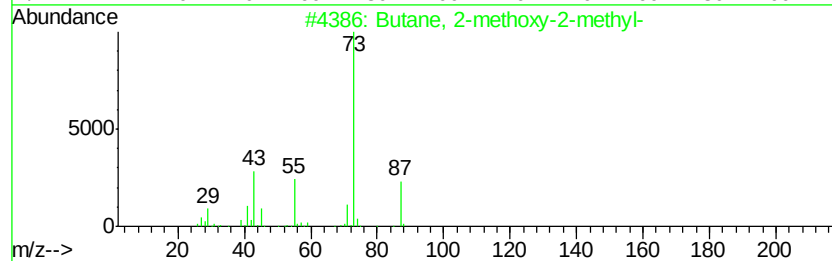
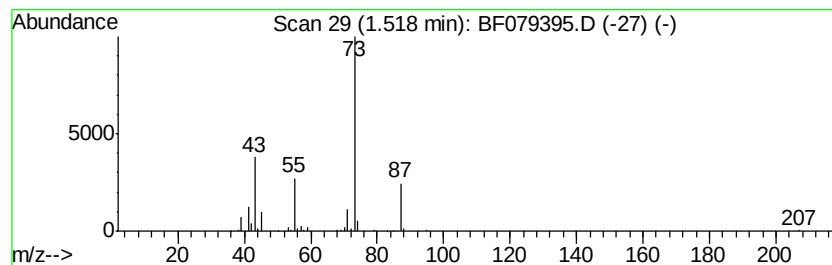
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.52	8.59 ng	183822	1,4-Dichlorobenzene-d4	7.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079395.D
Acq On : 20 May 2015 23:18
Operator : TP/IZ
Sample : G2314-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC051915-SOIL

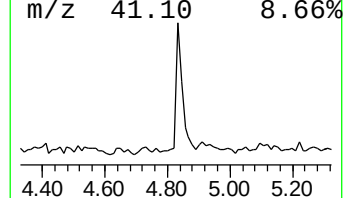
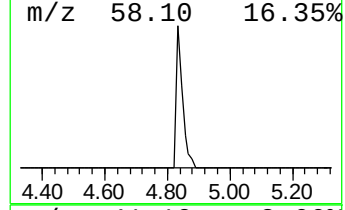
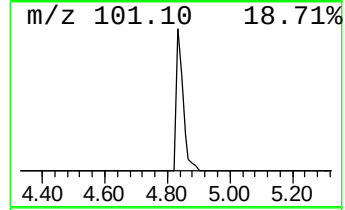
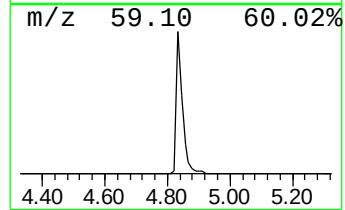
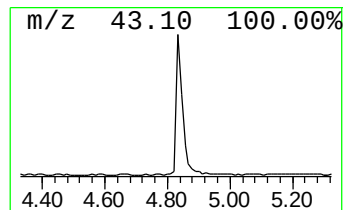
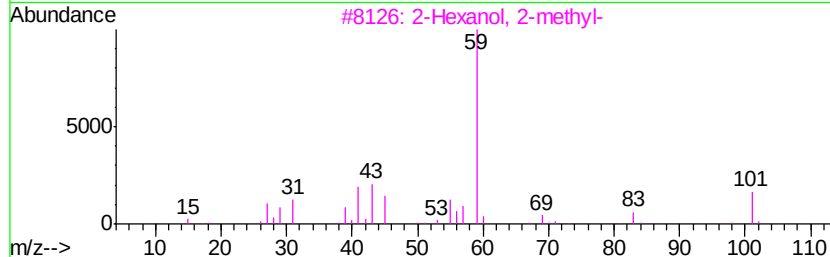
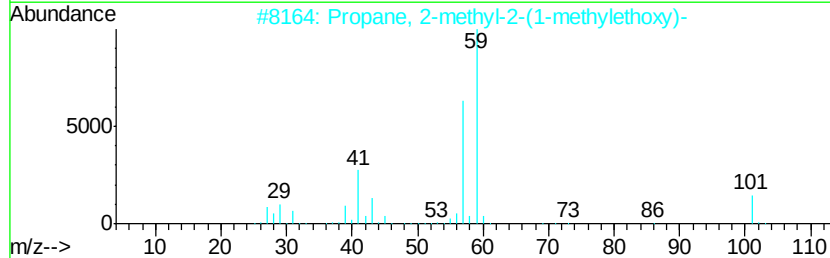
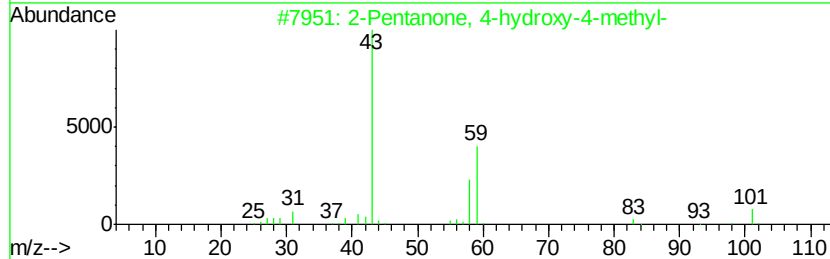
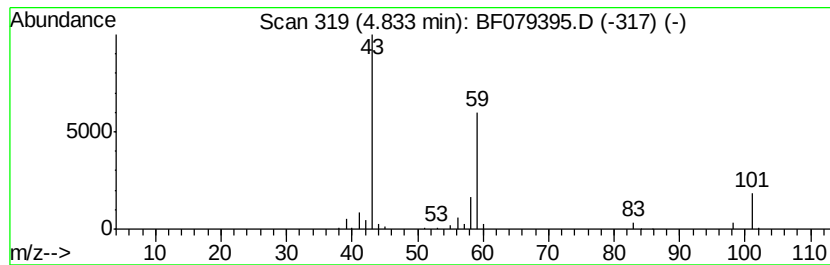
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	6.62 ng	141664	1,4-Dichlorobenzene-d4	7.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079395.D
Acq On : 20 May 2015 23:18
Operator : TP/IZ
Sample : G2314-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC051915-SOIL

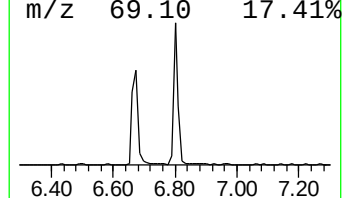
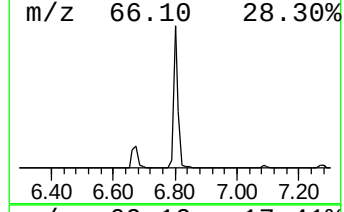
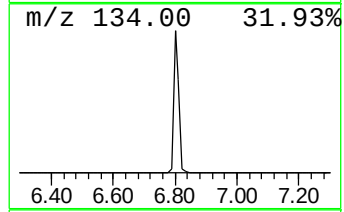
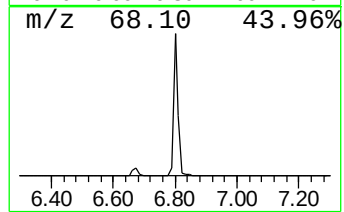
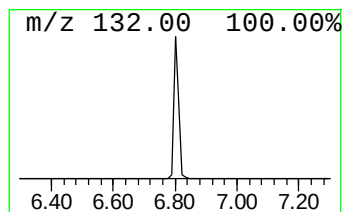
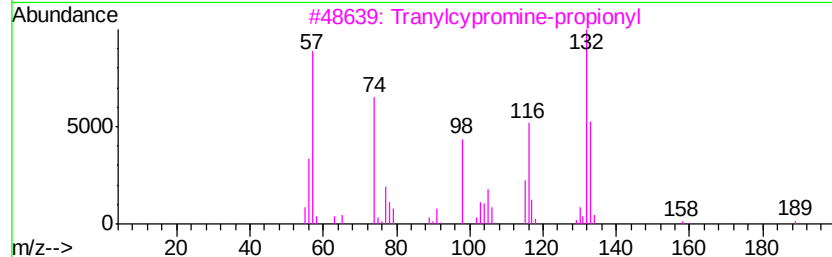
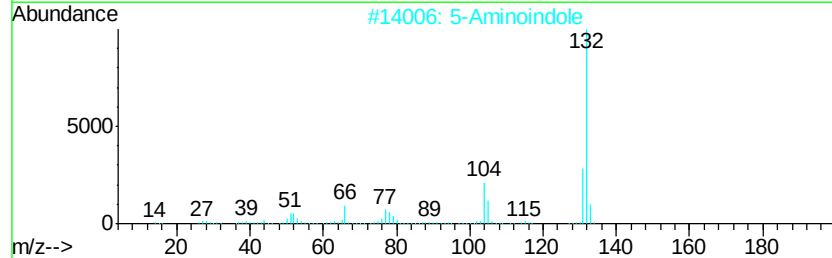
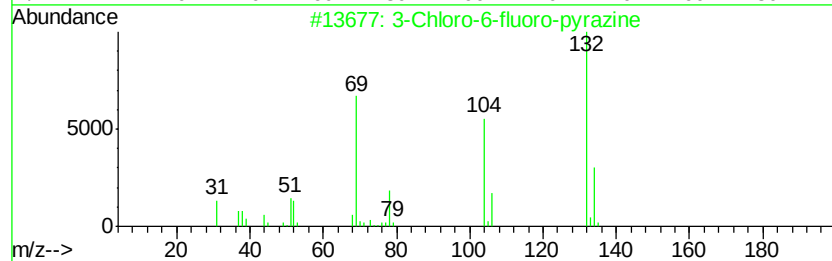
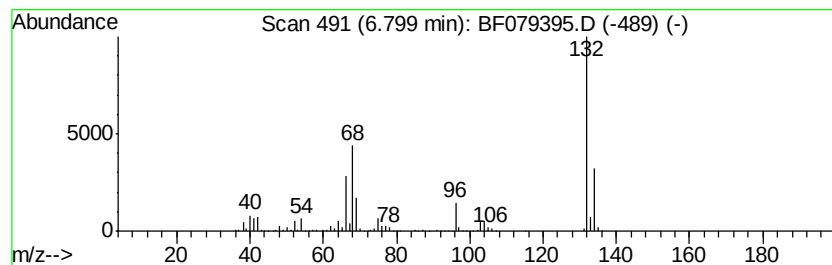
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.80 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	50.09 ng	1071550	1,4-Dichlorobenzene-d4	7.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5	Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079395.D
Acq On : 20 May 2015 23:18
Operator : TP/IZ
Sample : G2314-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC051915-SOIL

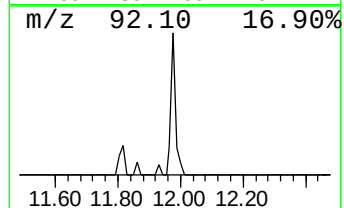
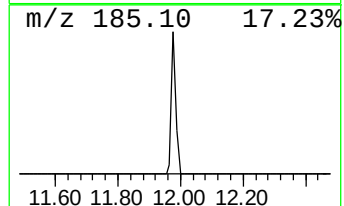
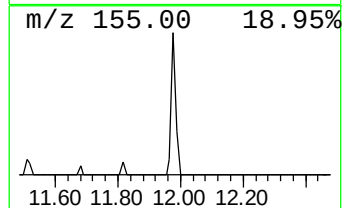
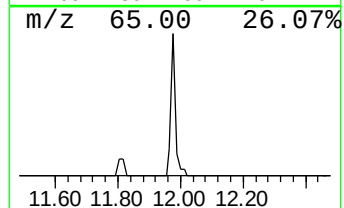
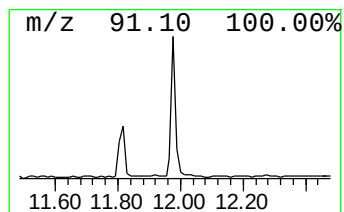
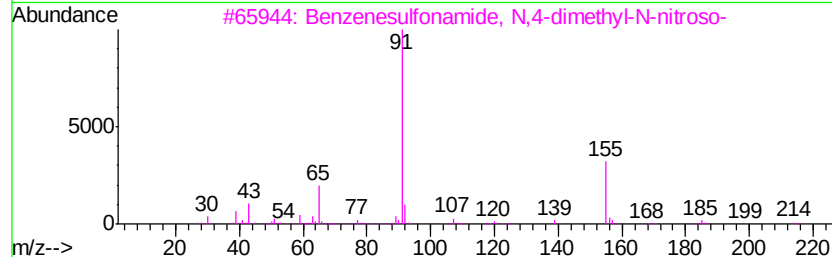
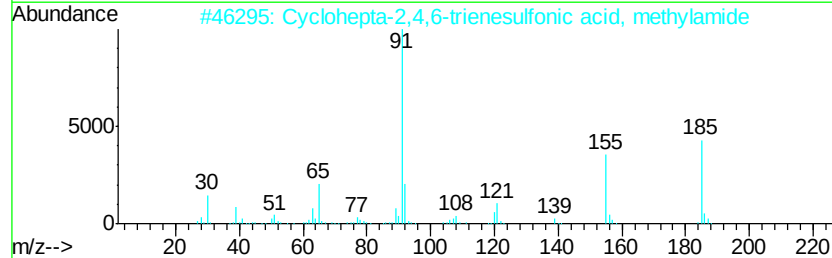
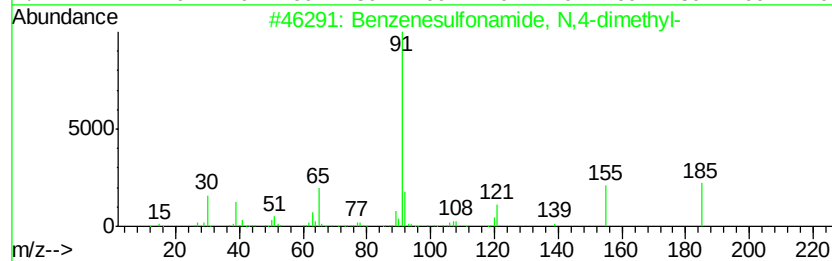
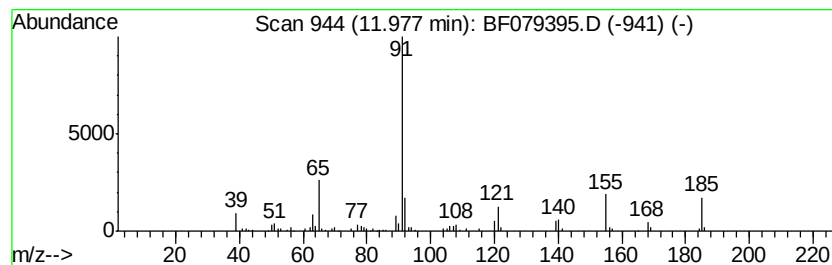
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzenesulfonamide, N,4-dim... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.03 ng	81119	Phenanthrene-d10	12.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	93
2		Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	62
3		Benzenesulfonamide, N,4-dimethyl...	214	C8H10N2O3S	000080-11-5	50
4		p-Toluenesulfonylacetone nitrile	195	C9H9NO2S	005697-44-9	47
5		4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079395.D
Acq On : 20 May 2015 23:18
Operator : TP/IZ
Sample : G2314-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC051915-SOIL

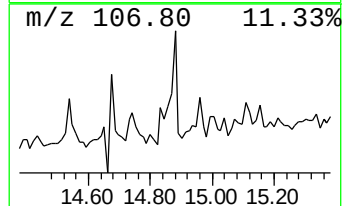
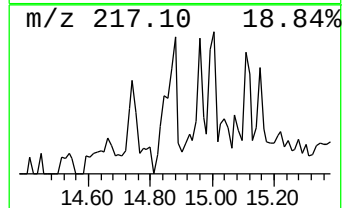
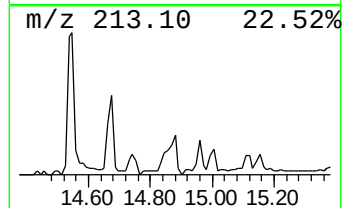
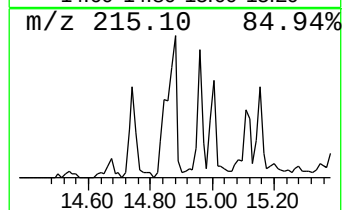
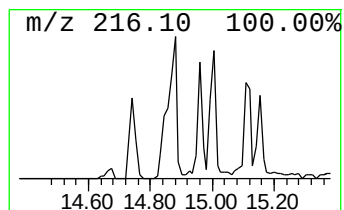
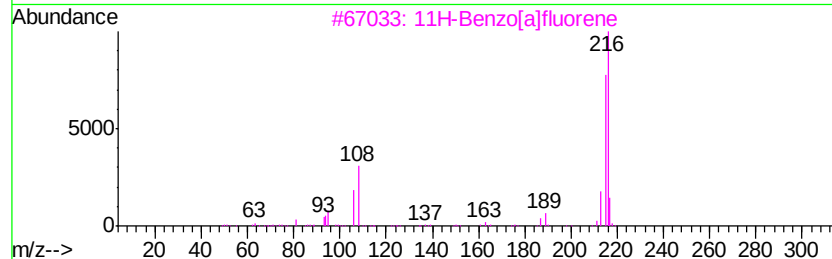
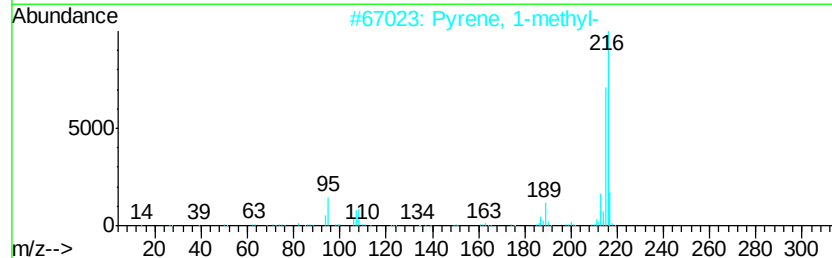
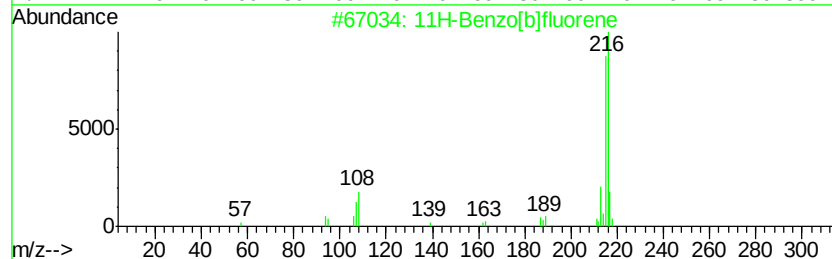
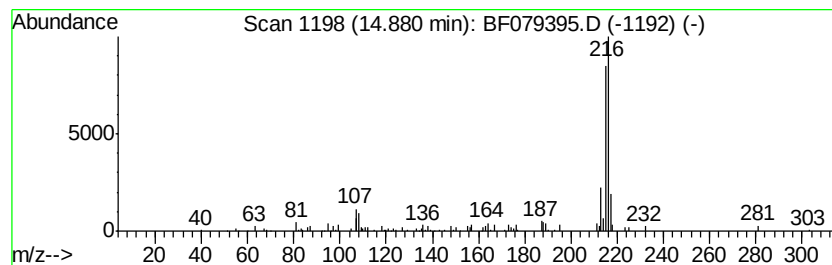
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	2.05 ng	125976	Chrysene-d12	15.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079395.D
Acq On : 20 May 2015 23:18
Operator : TP/IZ
Sample : G2314-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC051915-SOIL

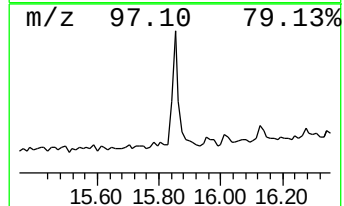
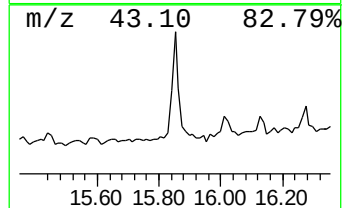
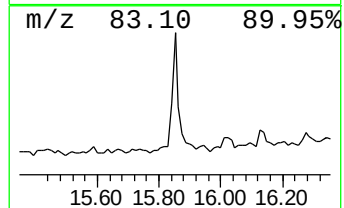
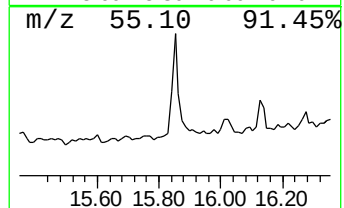
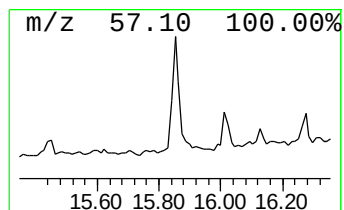
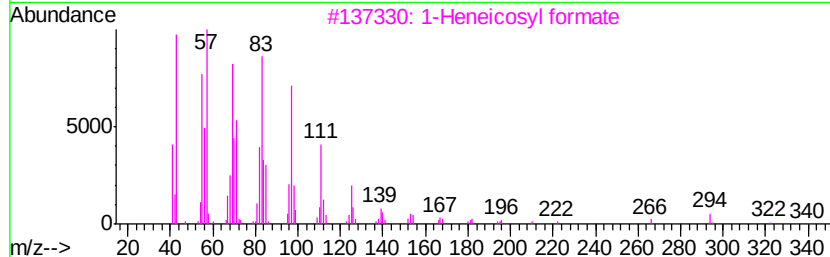
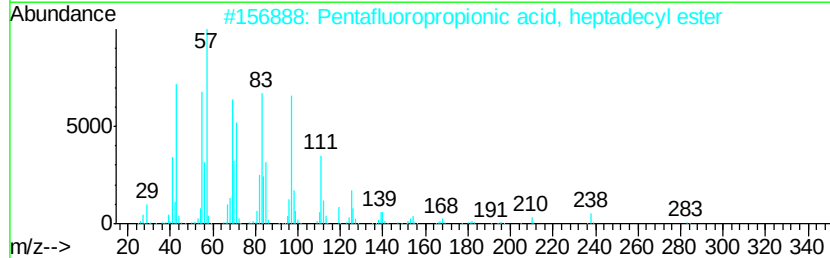
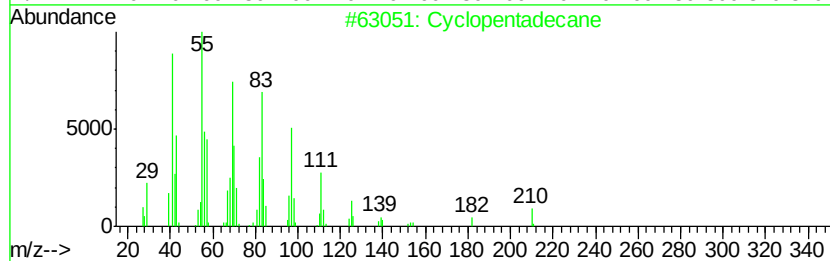
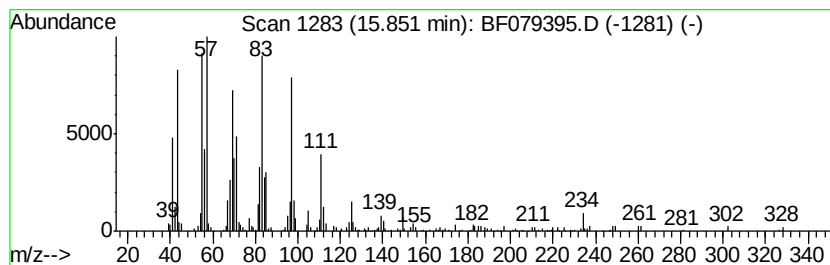
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	4.41 ng	271457	Chrysene-d12	15.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	97
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	94
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
4		10-Heneicosene (c,t)	294	C21H42	095008-11-0	91
5		1-Tricosene	322	C23H46	018835-32-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
Data File : BF079395.D
Acq On : 20 May 2015 23:18
Operator : TP/IZ
Sample : G2314-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC051915-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Propane, 2,2-dime...	1.23	146.0	ng	3124150	1	7.08	427882	20.0
Butane, 2-methoxy...	1.52	8.6	ng	183822	1	7.08	427882	20.0
2-Pentanone, 4-hy...	4.83	6.6	ng	141664	1	7.08	427882	20.0
unknown6.80	6.80	50.1	ng	1071550	1	7.08	427882	20.0
Benzenesulfonamid...	11.98	2.0	ng	81119	4	12.67	799683	20.0
11H-Benzo[b]fluorene	14.88	2.0	ng	125976	5	15.97	1231690	20.0
Cyclopentadecane	15.85	4.4	ng	271457	5	15.97	1231690	20.0