

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079186.D
 Acq On : 13 May 2015 6:45
 Operator : TP/IZ
 Sample : G2194-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-18-2.5

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	1.347	13	14	21	rVB2	26023	45401	1.84%	0.194%
2	1.564	30	33	39	rVB	118363	249152	10.11%	1.063%
3	1.747	46	49	52	rBV2	345780	543022	22.04%	2.317%
4	1.850	56	58	69	rBV	671590	1035605	42.02%	4.419%
5	5.084	339	341	347	rVB	63951	101437	4.12%	0.433%
6	5.587	383	385	388	rBV	1675087	1871065	75.93%	7.984%
7	6.856	493	496	498	rBV	2008269	2025355	82.19%	8.642%
8	6.993	506	508	511	rBV	1500827	2024256	82.14%	8.638%
9	7.279	531	533	535	rBV	314363	336368	13.65%	1.435%
10	7.473	547	550	552	rVB	1454945	1544629	62.68%	6.591%
11	7.976	591	594	596	rBV	1424990	1271124	51.58%	5.424%
12	8.765	661	663	666	rBV	46180	42317	1.72%	0.181%
13	8.856	669	671	674	rBV	504815	464016	18.83%	1.980%
14	10.045	773	775	782	rBV	40423	57168	2.32%	0.244%
15	10.205	786	789	791	rBV	2570420	2273086	92.24%	9.699%
16	10.708	831	833	836	rBV	397454	345378	14.02%	1.474%
17	10.856	845	846	848	rVB	31752	28279	1.15%	0.121%
18	11.039	859	862	864	rVB	386151	510274	20.71%	2.177%
19	11.382	889	892	895	rBV	56564	106323	4.31%	0.454%
20	11.611	910	912	914	rVB2	23638	26030	1.06%	0.111%
21	11.714	919	921	926	rVB	17151	25355	1.03%	0.108%
22	12.011	945	947	950	rBV2	1268642	1569673	63.70%	6.698%
23	12.205	962	964	969	rVB	33577	51922	2.11%	0.222%
24	12.765	1011	1013	1014	rBV	40060	35845	1.45%	0.153%
25	12.799	1014	1016	1018	rVB	22093	24845	1.01%	0.106%
26	12.879	1020	1023	1025	rBV	580435	553345	22.45%	2.361%
27	13.211	1050	1052	1058	rBV	144376	196498	7.97%	0.838%
28	13.302	1058	1060	1063	rVB	35204	50280	2.04%	0.215%
29	13.508	1075	1078	1080	rBV2	19820	28677	1.16%	0.122%
30	13.588	1083	1085	1087	rBV2	43550	65340	2.65%	0.279%
31	13.645	1087	1090	1091	rVV2	17258	31537	1.28%	0.135%
32	13.805	1102	1104	1106	rBV	38733	42180	1.71%	0.180%
33	13.908	1109	1113	1117	rBV4	16200	42441	1.72%	0.181%
34	14.240	1140	1142	1145	rBV	159997	235814	9.57%	1.006%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079186.D
 Acq On : 13 May 2015 6:45
 Operator : TP/IZ
 Sample : G2194-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-18-2.5

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

35	14.297	1145	1147	1152	rVV3	43073	83475	3.39%	0.356%
36	14.388	1153	1155	1157	rVV	93565	98430	3.99%	0.420%
37	14.480	1160	1163	1164	rVB	41327	57931	2.35%	0.247%
38	14.663	1177	1179	1181	rBV	83127	109992	4.46%	0.469%
39	14.880	1195	1198	1200	rBV	2200324	2464265	100.00%	10.515%
40	14.925	1200	1202	1203	rVB	32971	38218	1.55%	0.163%
41	15.085	1214	1216	1219	rVB	22524	28302	1.15%	0.121%
42	15.177	1221	1224	1225	rBV2	23077	32620	1.32%	0.139%
43	15.211	1225	1227	1229	rVB2	32663	44274	1.80%	0.189%
44	15.325	1235	1237	1239	rBV	20941	30192	1.23%	0.129%
45	15.360	1239	1240	1244	rVB2	22916	31754	1.29%	0.135%
46	15.463	1247	1249	1253	rBV2	27197	44043	1.79%	0.188%
47	15.588	1258	1260	1262	rBV3	12513	27204	1.10%	0.116%
48	16.046	1298	1300	1305	rBV	237574	387791	15.74%	1.655%
49	16.183	1309	1312	1314	rBV	514447	723538	29.36%	3.087%
50	16.217	1314	1315	1320	rVB	80843	86064	3.49%	0.367%
51	16.308	1320	1323	1324	rBV2	14816	33154	1.35%	0.141%
52	16.343	1324	1326	1330	rVB4	30535	38306	1.55%	0.163%
53	16.468	1335	1337	1340	rBV2	26991	48622	1.97%	0.207%
54	16.891	1371	1374	1381	rVB	125368	247056	10.03%	1.054%
55	17.497	1425	1427	1429	rBV	44903	82409	3.34%	0.352%
56	17.691	1442	1444	1445	rBV	46881	64363	2.61%	0.275%
57	17.829	1454	1456	1459	rVB	38887	53857	2.19%	0.230%
58	17.897	1460	1462	1465	rVB	48509	49432	2.01%	0.211%
59	17.966	1465	1468	1471	rBV	493105	606844	24.63%	2.589%
60	18.537	1516	1518	1521	rVB3	43473	69153	2.81%	0.295%

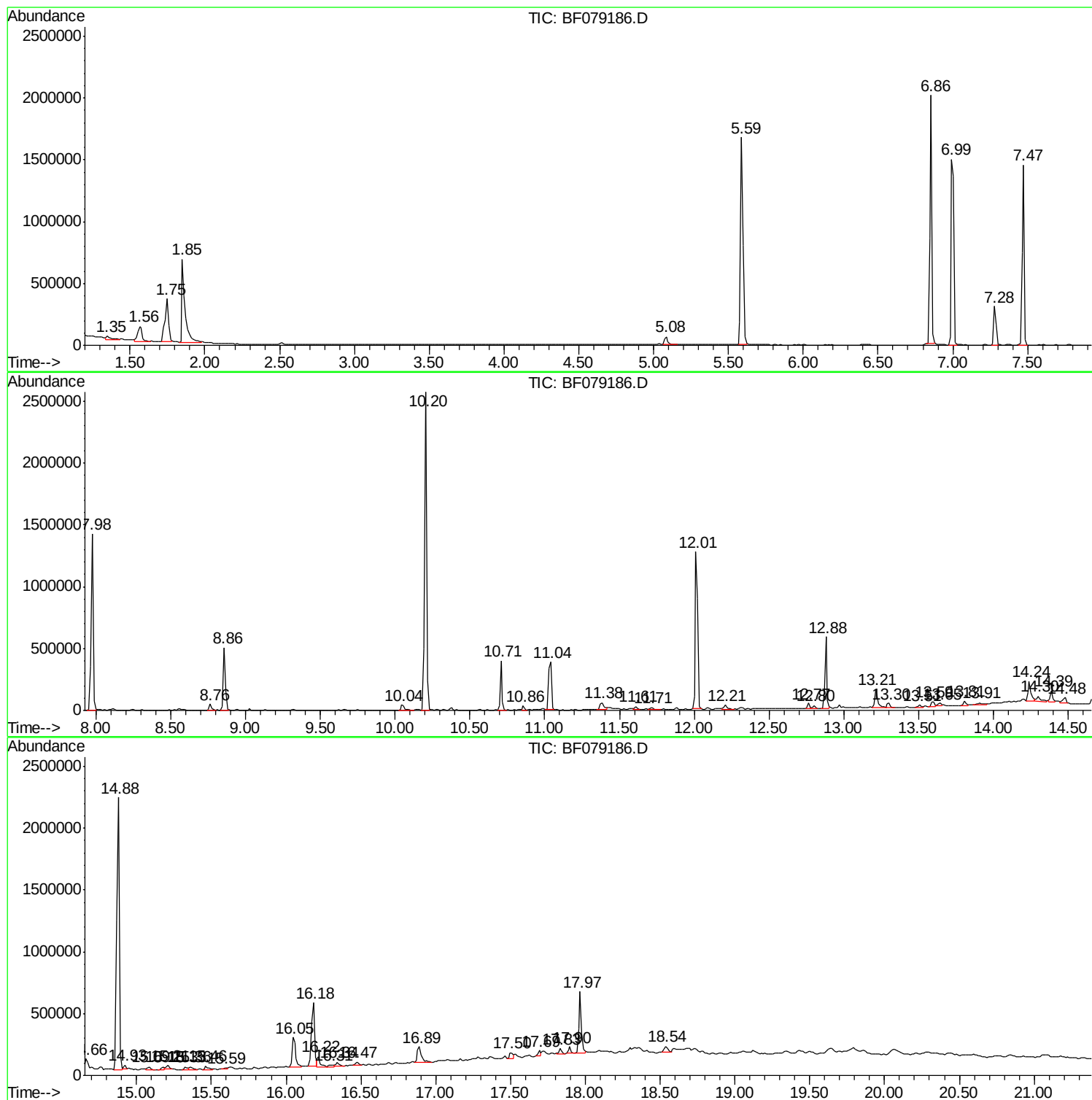
Sum of corrected areas: 23435326

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

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\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

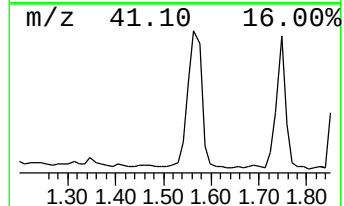
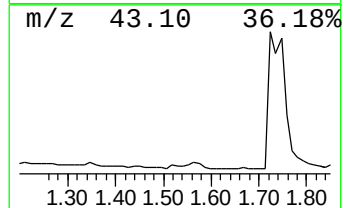
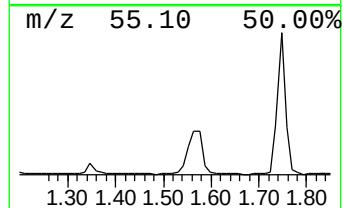
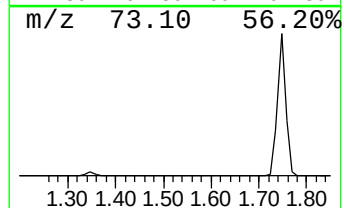
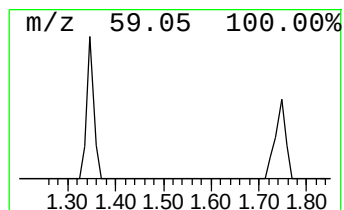
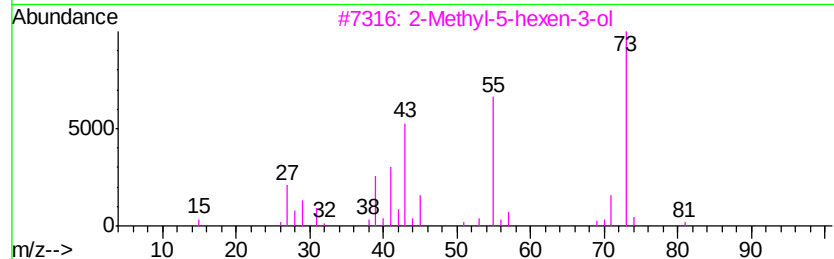
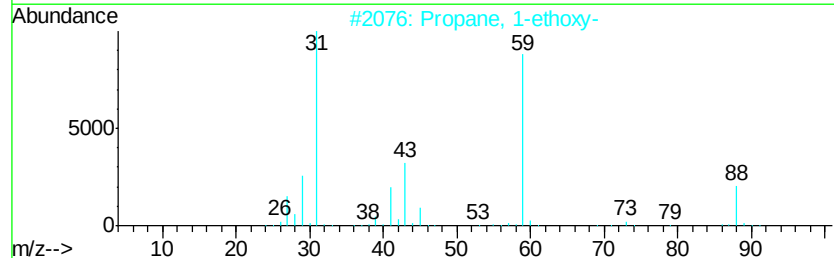
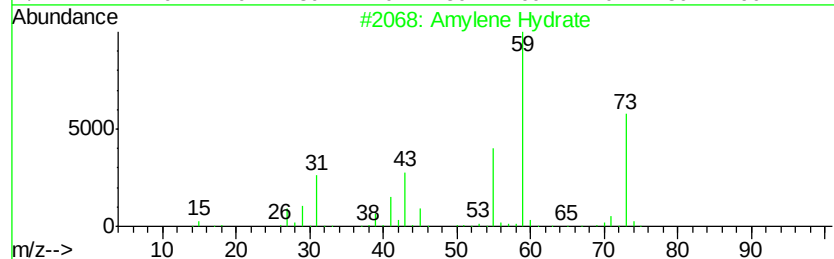
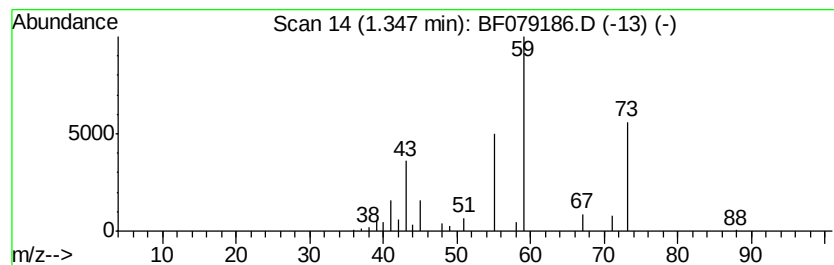
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Amylene Hydrate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.35	2.70 ng	45401	1,4-Dichlorobenzene-d4	7.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Amylene Hydrate	88	C5H12O	000075-85-4	56
2			Propane, 1-ethoxy-	88	C5H12O	000628-32-0	9
3			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
4			3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9
5			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

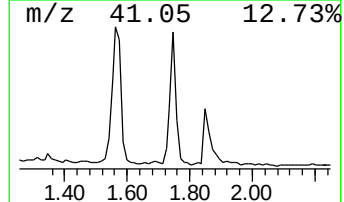
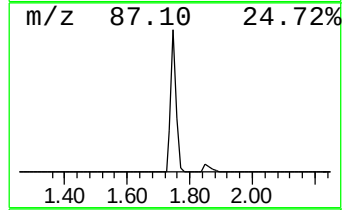
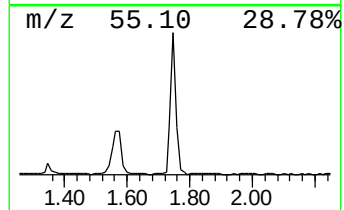
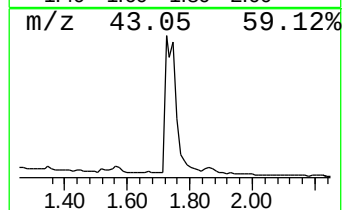
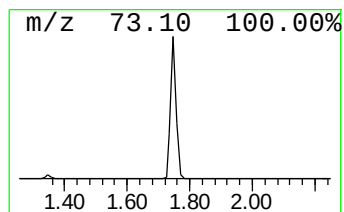
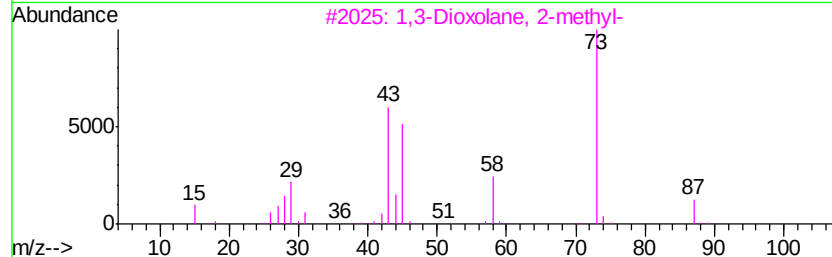
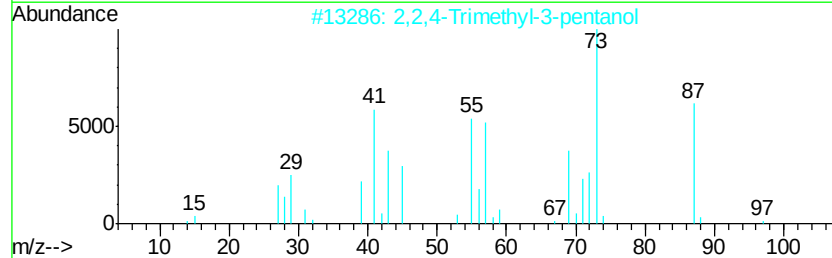
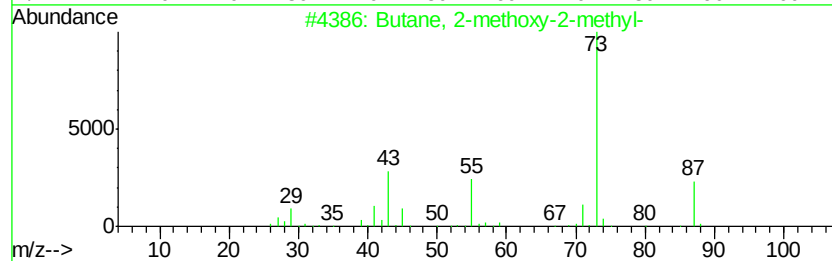
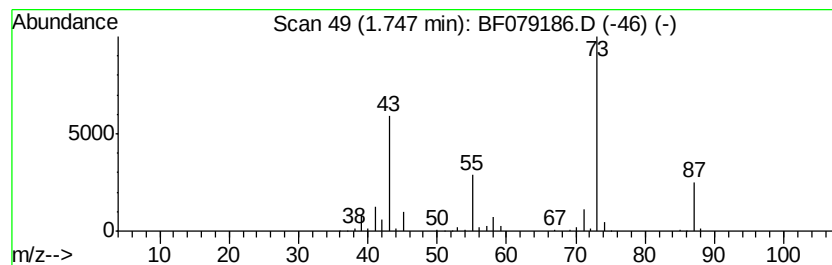
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.75	32.29 ng	543022	1,4-Dichlorobenzene-d4	7.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

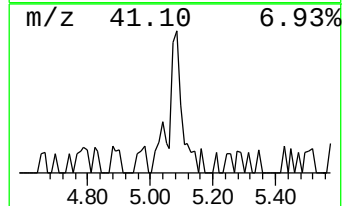
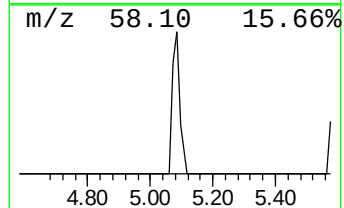
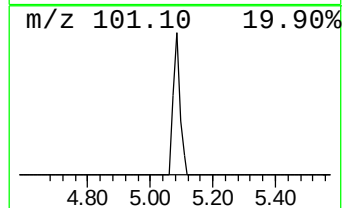
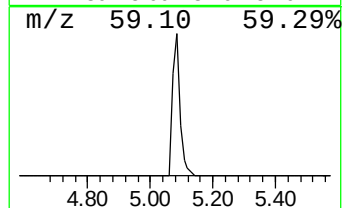
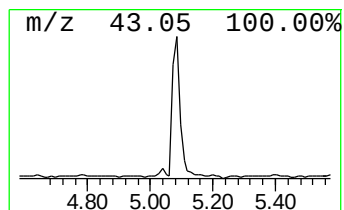
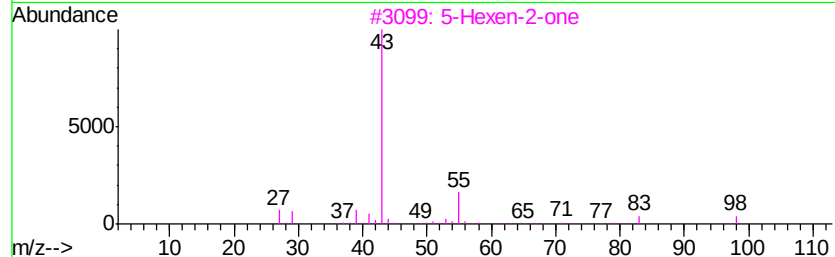
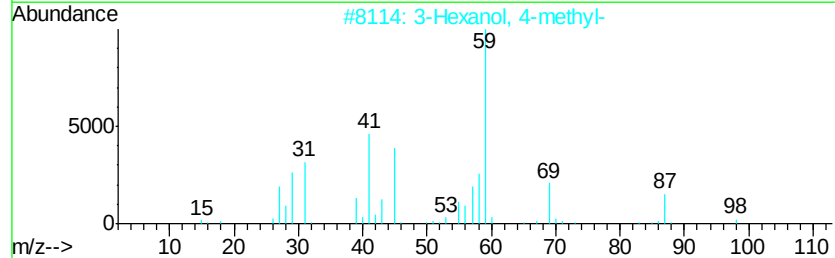
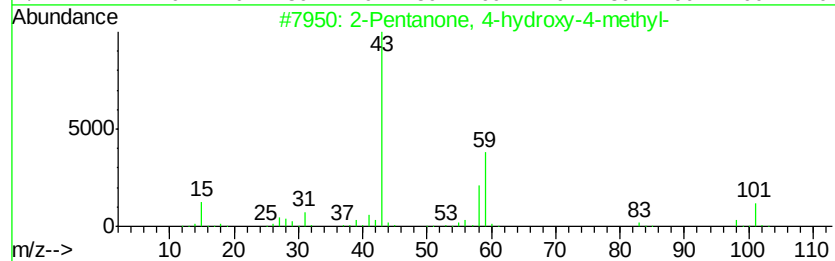
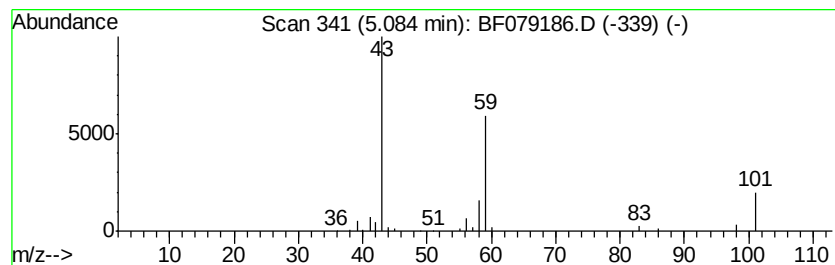
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	6.03 ng	101437	1,4-Dichlorobenzene-d4	7.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28		
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
5	Guanidine	59	CH5N3	000113-00-8	9		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

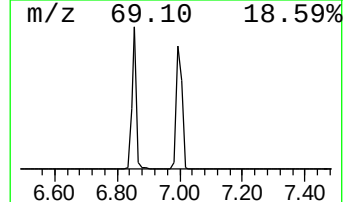
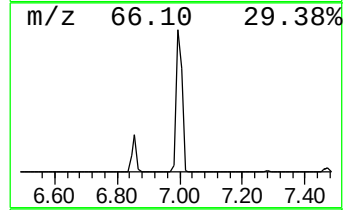
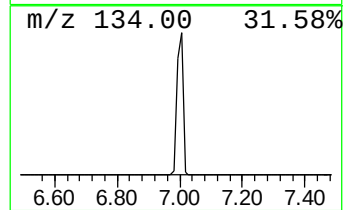
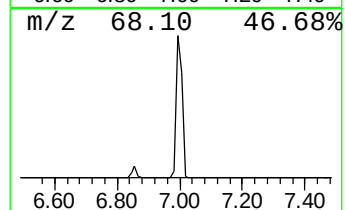
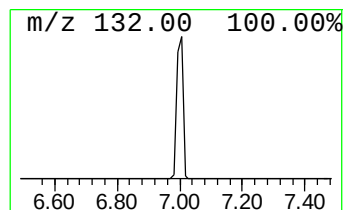
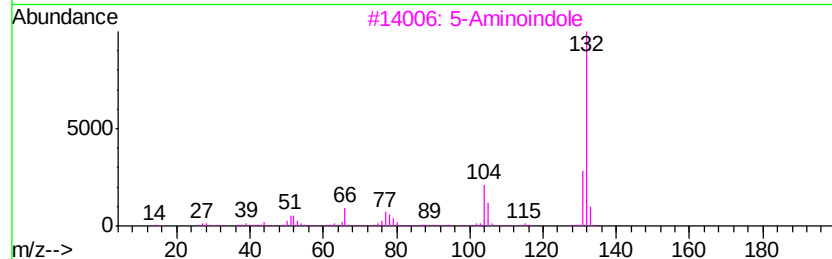
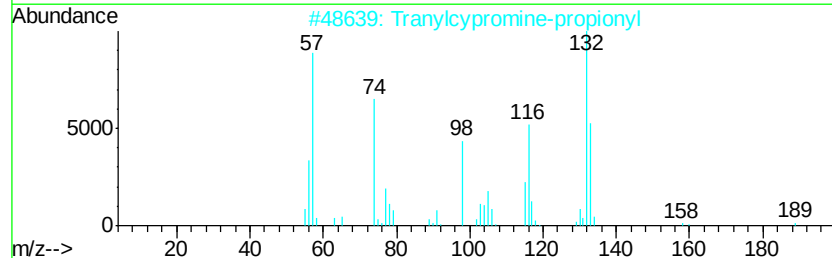
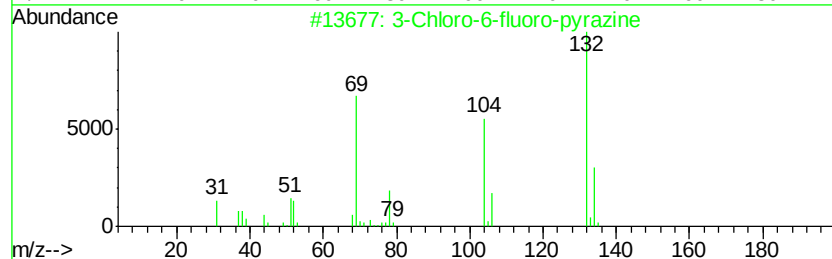
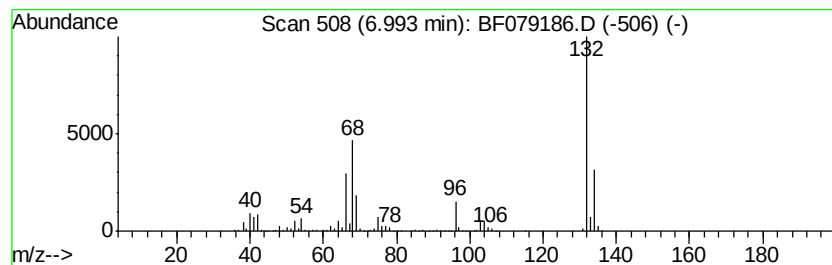
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	120.36 ng	2024260	1,4-Dichlorobenzene-d4	7.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		5-Aminoindole	132	C8H8N2	005192-03-0	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\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

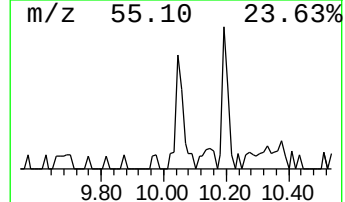
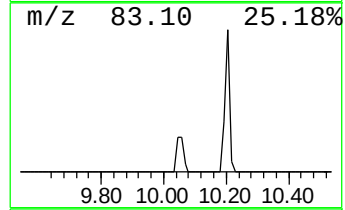
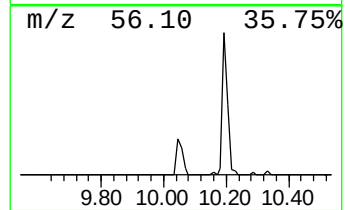
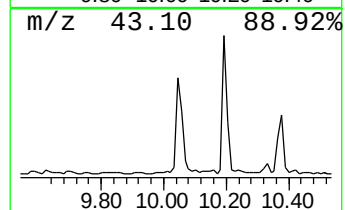
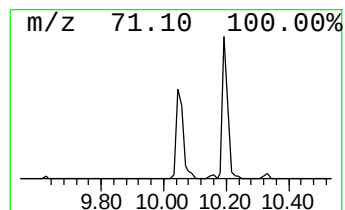
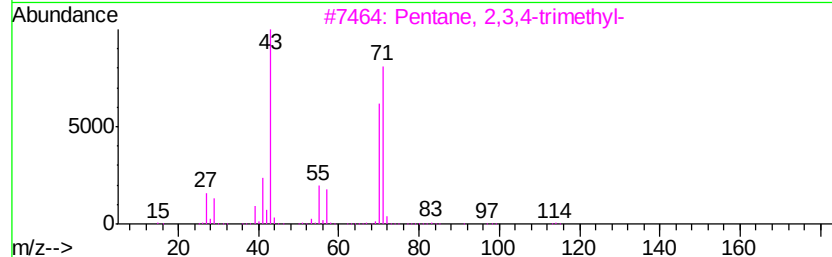
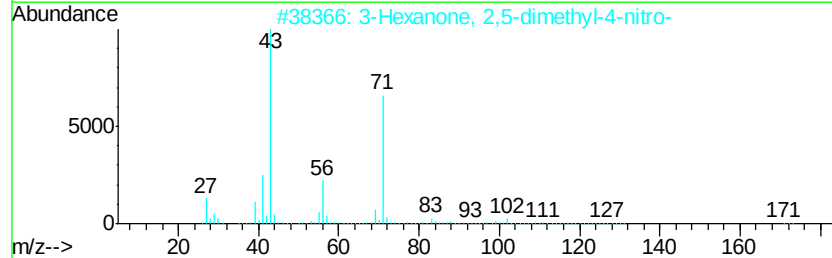
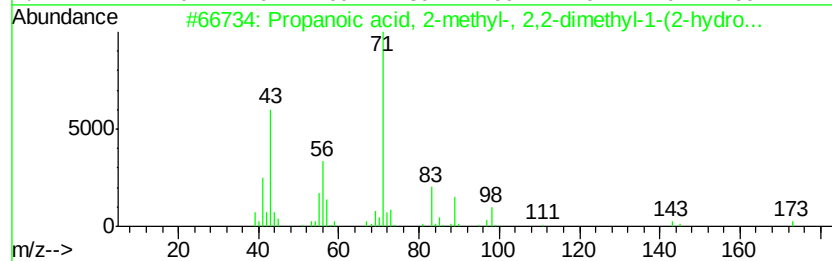
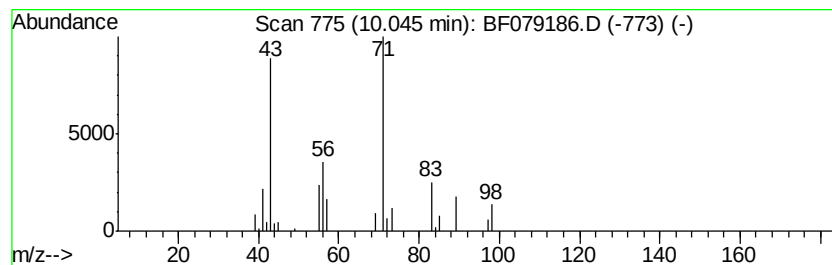
Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

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 8 Propanoic acid, 2-methyl-, ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.04	2.24 ng	57168	Acenaphthene-d10	11.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	90
2	3-Hexanone, 2,5-dimethyl-4-nitro-	173	C8H15NO3	059906-54-6	50
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	38
4	Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	38
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	33



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

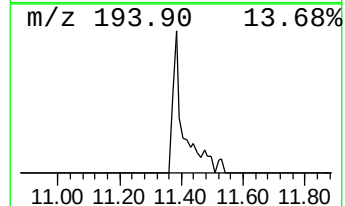
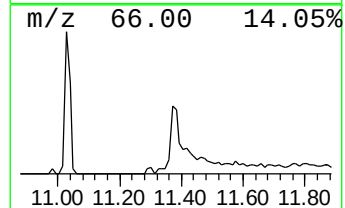
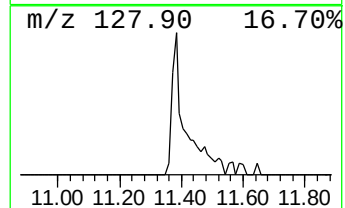
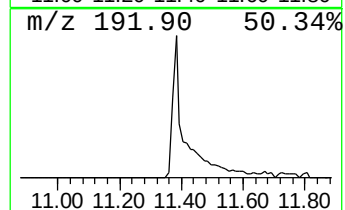
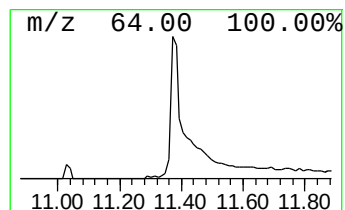
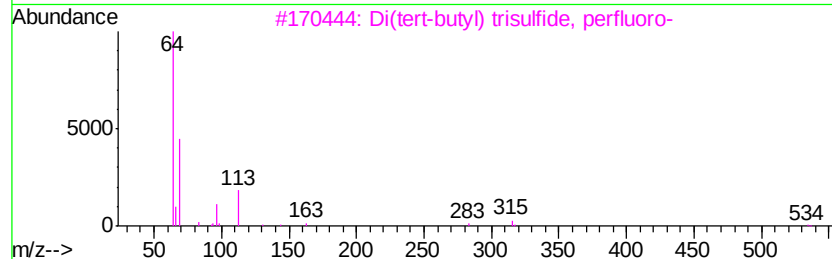
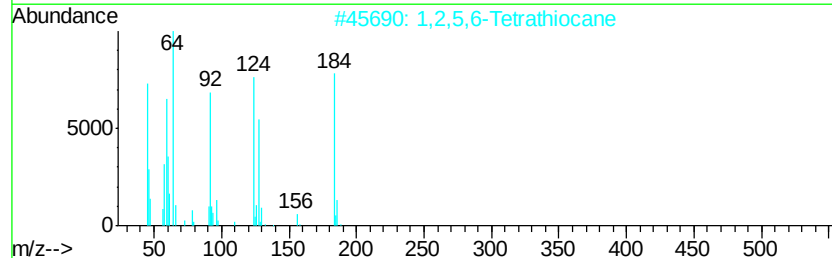
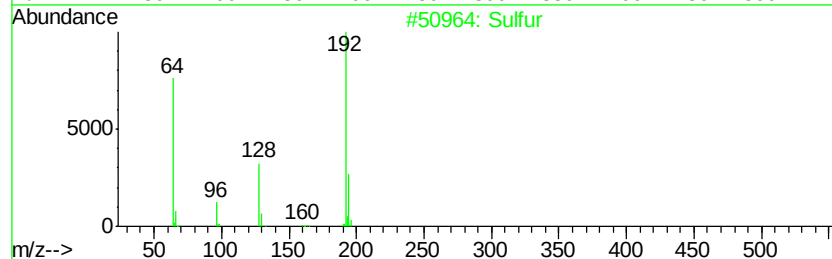
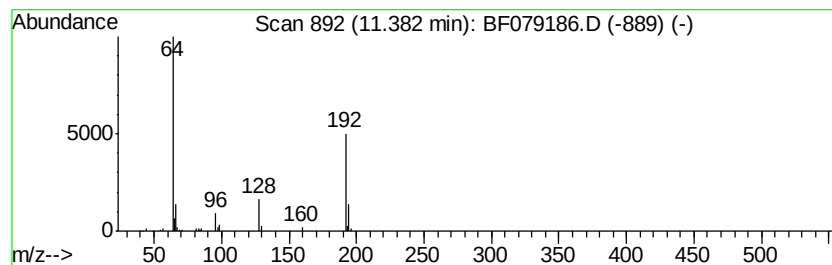
Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

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 Sulfur Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	4.17 ng	106323	Acenaphthene-d10	11.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur		192 S6	013798-23-7 91
2	1,2,5,6-Tetrathiocane		184 C4H8S4	001940-01-8 39
3	Di(tert-butyl) trisulfide, perfl...		534 C8F18S3	016005-64-4 9
4	1,2-Phenylene diisothiocyanate		192 C8H4N2S2	071105-17-4 7
5	Ethyl Chloride		64 C2H5Cl	000075-00-3 4



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

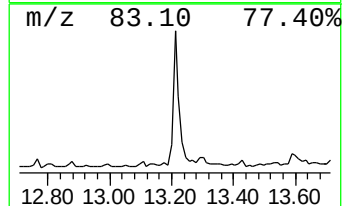
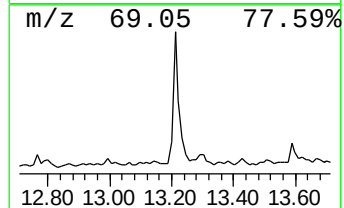
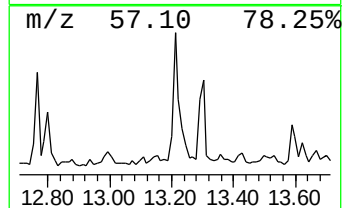
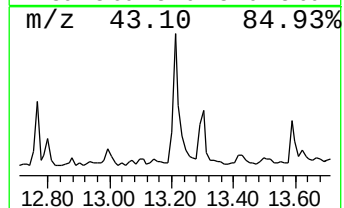
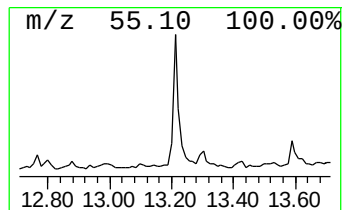
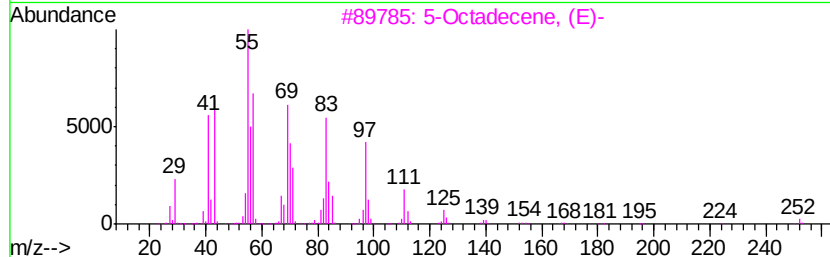
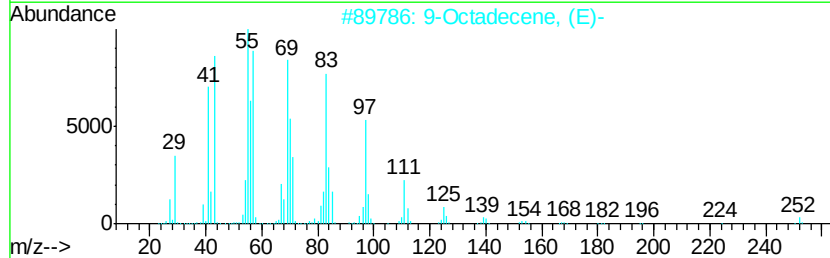
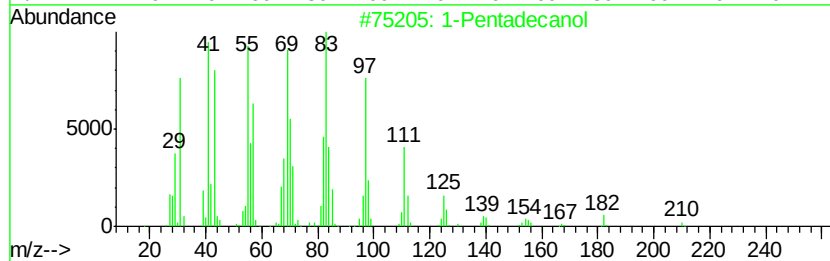
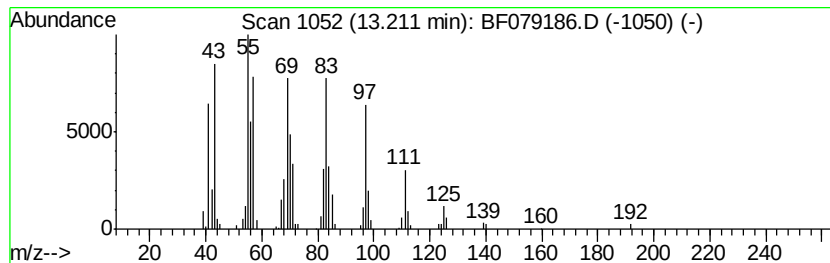
Instrument :
BNA_F
ClientSampled :
TU021-SB-18-2.5

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 1-Pentadecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.21	7.10 ng	196498	Phenanthrene-d10	12.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecanol	228	C15H32O	000629-76-5	91
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

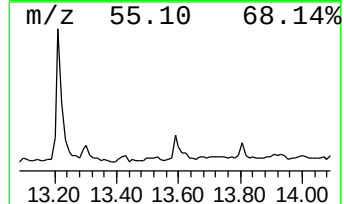
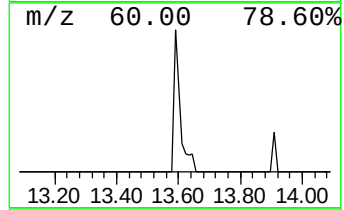
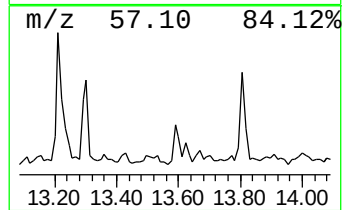
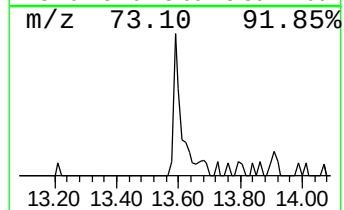
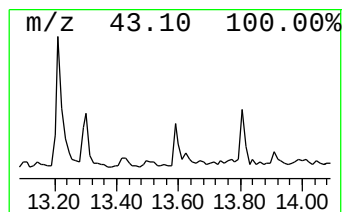
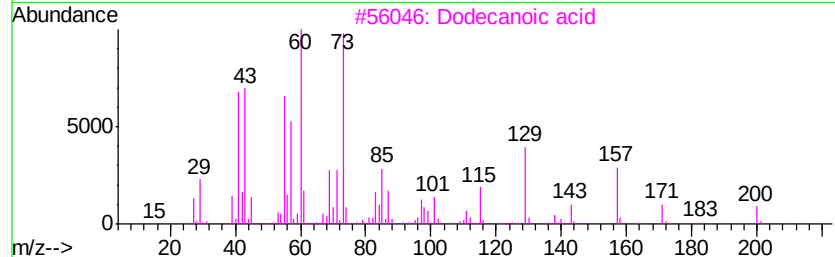
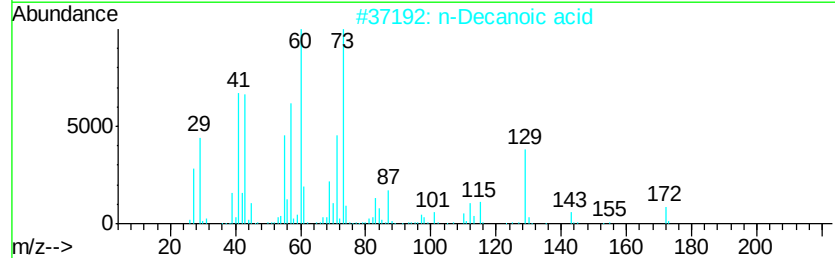
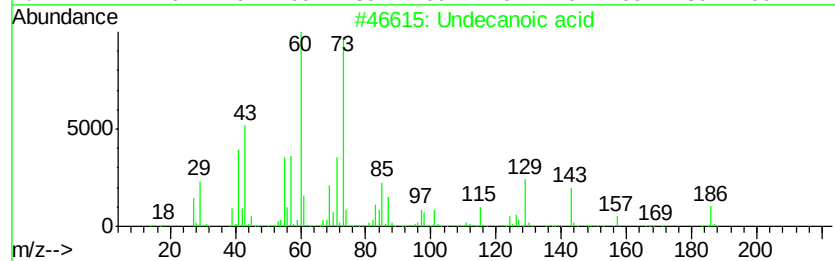
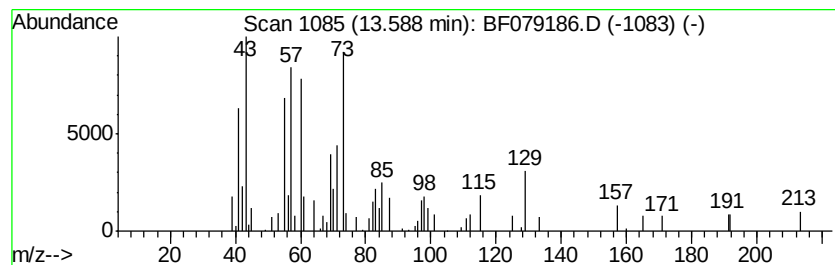
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	2.36 ng	65340	Phenanthrene-d10	12.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecanoic acid	186	C11H22O2	000112-37-8	64
2		n-Decanoic acid	172	C10H20O2	000334-48-5	53
3		Dodecanoic acid	200	C12H24O2	000143-07-7	50
4		Nonanoic acid	158	C9H18O2	000112-05-0	43
5		Tetradecane	198	C14H30	000629-59-4	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

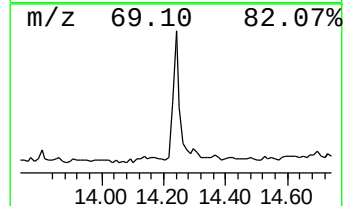
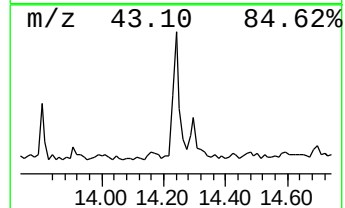
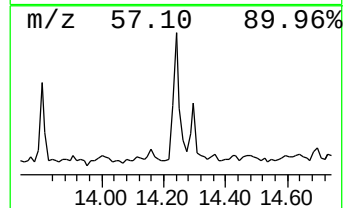
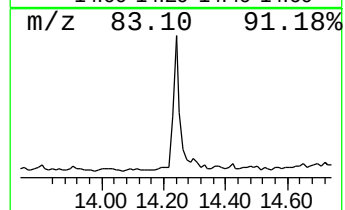
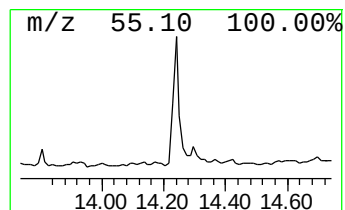
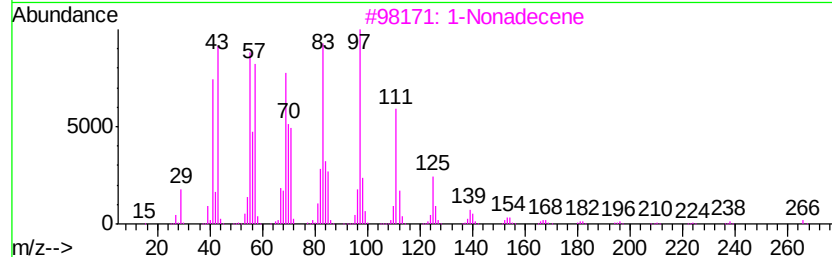
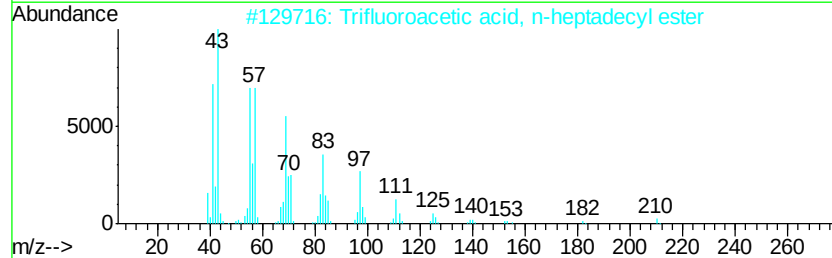
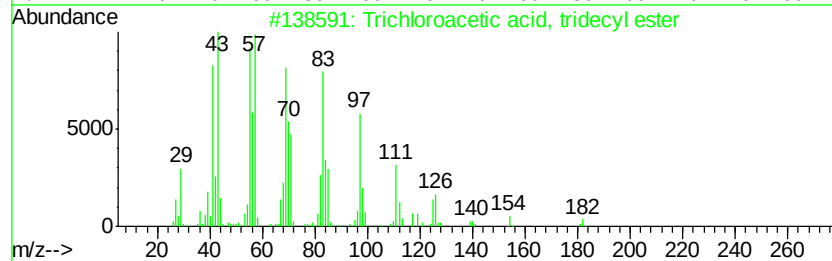
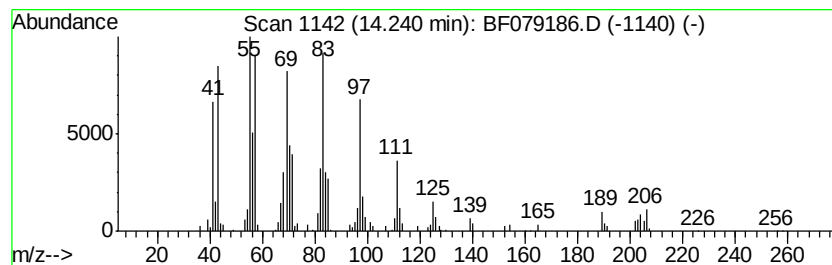
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Trichloroacetic acid, tridec... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	8.52 ng	235814	Phenanthrene-d10	12.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	91
2			Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
3			1-Nonadecene	266	C19H38	018435-45-5	91
4			Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
5			1-Hexadecanol	242	C16H34O	036653-82-4	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

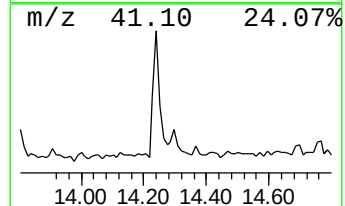
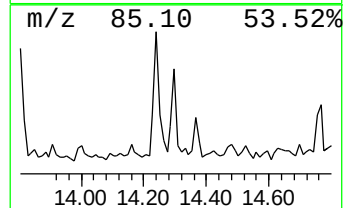
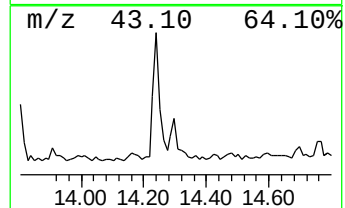
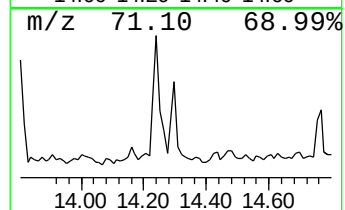
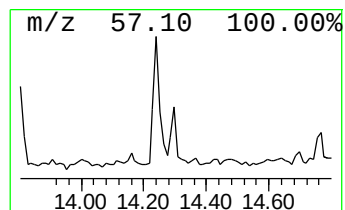
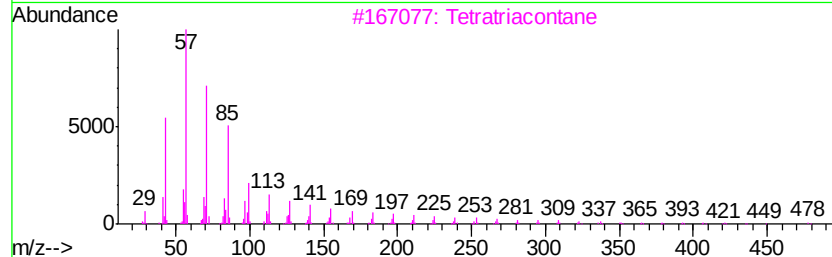
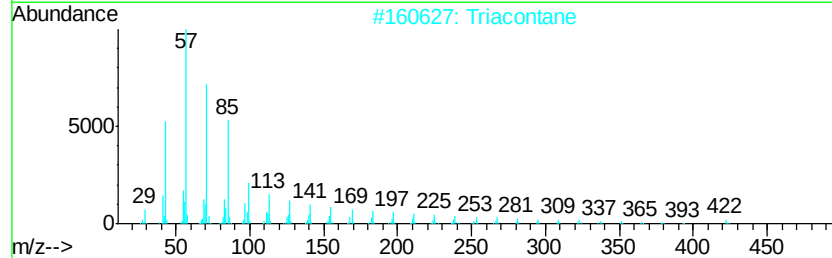
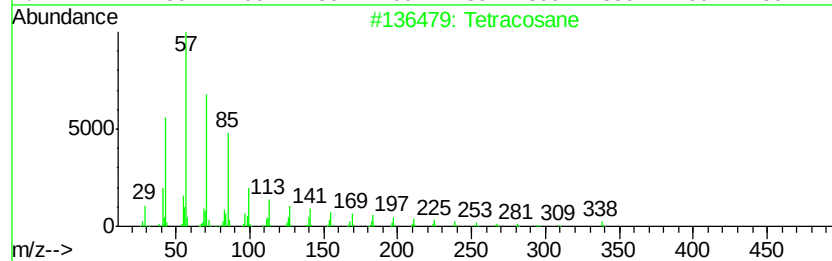
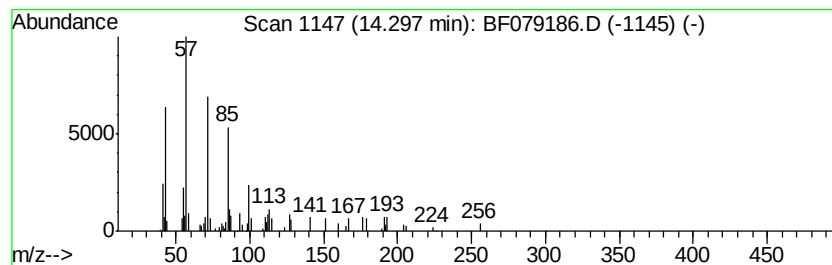
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	3.02 ng	83475	Phenanthrene-d10	12.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	64
2		Triacontane	422	C30H62	000638-68-6	64
3		Tetratriacontane	479	C34H70	014167-59-0	64
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59
5		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

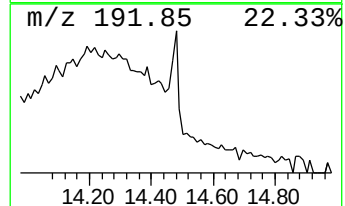
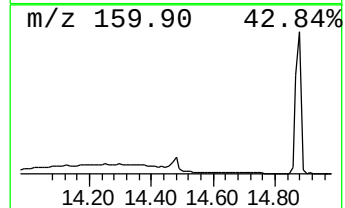
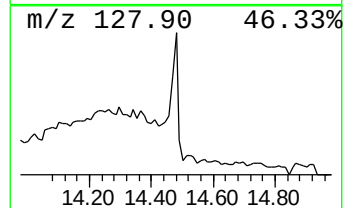
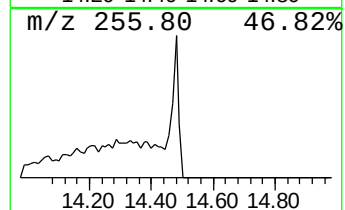
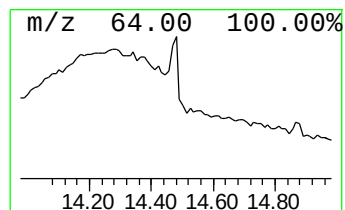
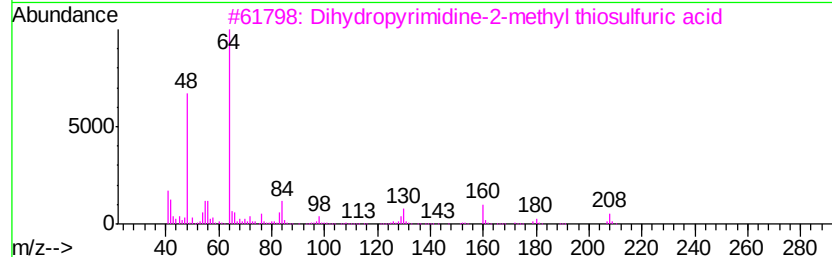
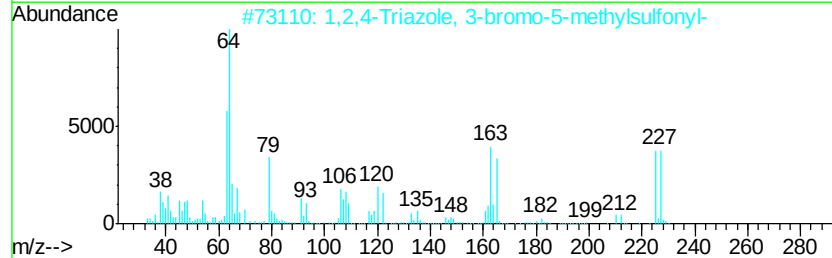
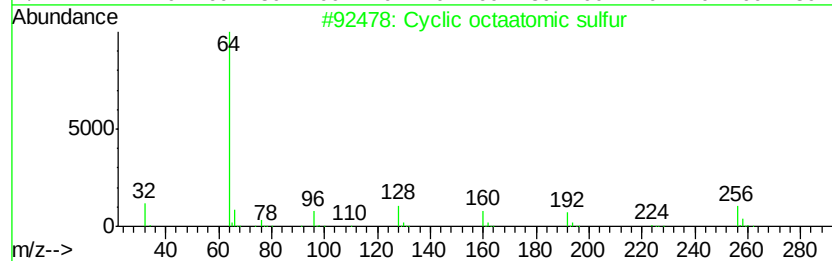
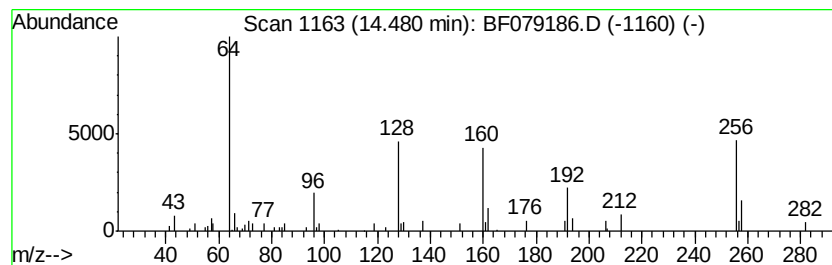
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclic octaatomic sulfur Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	2.09 ng	57931	Phenanthrene-d10	12.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclic octaatomic sulfur	256	S8	010544-50-0	78
2		1,2,4-Triazole, 3-bromo-5-methyl...	225	C3H4BrN3O2S	312512-38-2	33
3		Dihydropyrimidine-2-methyl thios...	208	C5H8N2O3S2	1000256-28-8	9
4		2-Norbornanone, 1-(epithioethyl)...	228	C11H16O3S	001782-93-0	9
5		7-Amino-7H-S-triazolo[5,1-c]-S-t...	156	C3H4N6S	013728-28-4	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

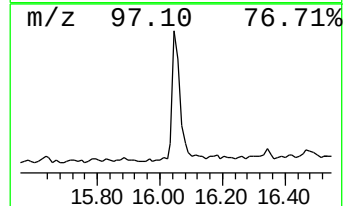
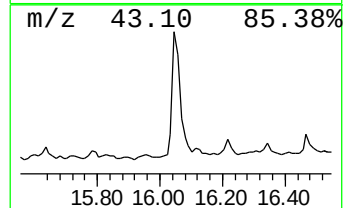
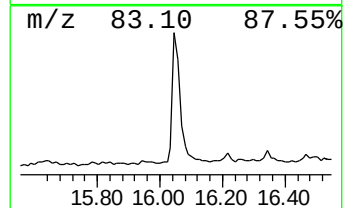
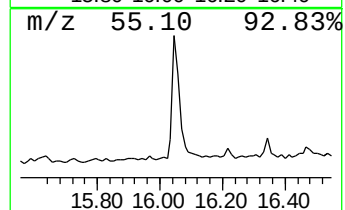
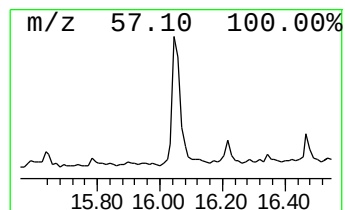
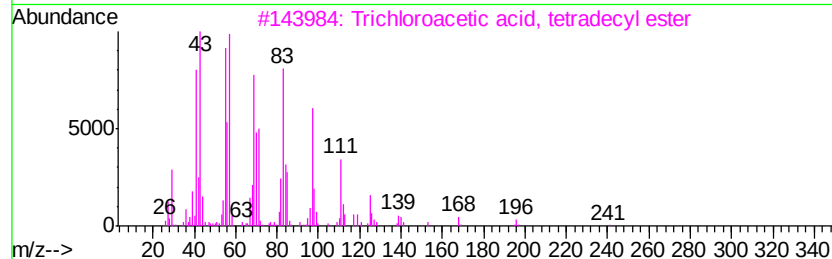
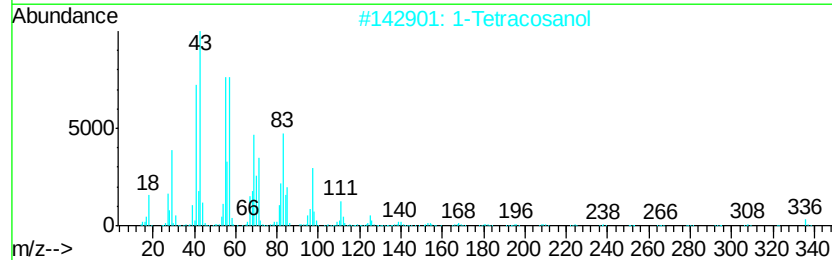
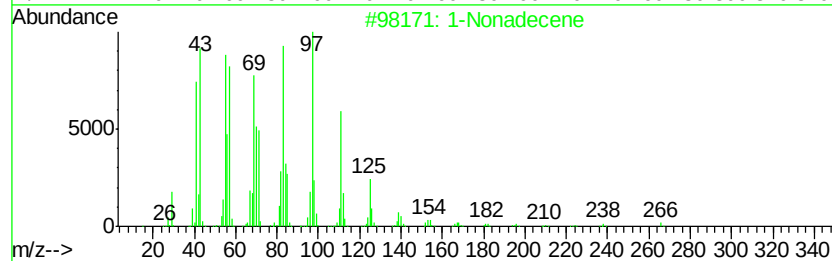
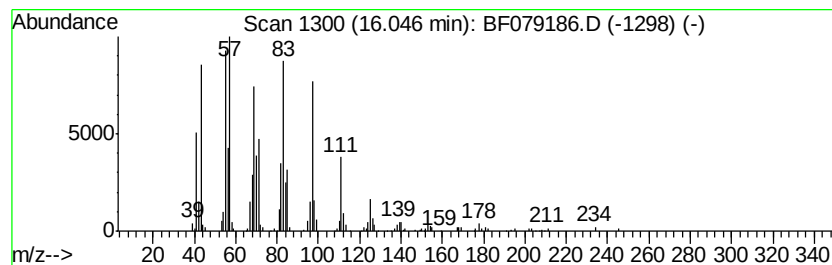
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	10.72 ng	387791	Chrysene-d12	16.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	91
2		1-Tetracosanol	354	C24H50O	000506-51-4	91
3		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

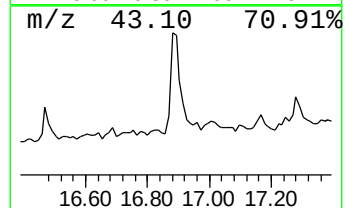
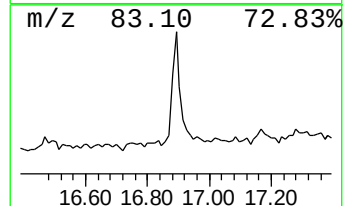
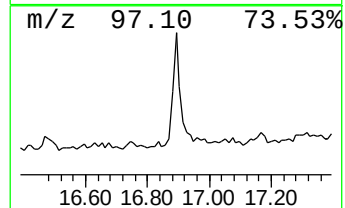
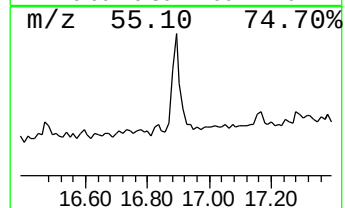
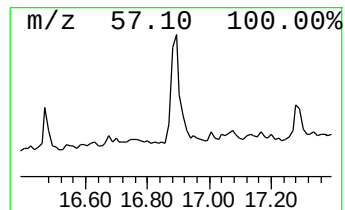
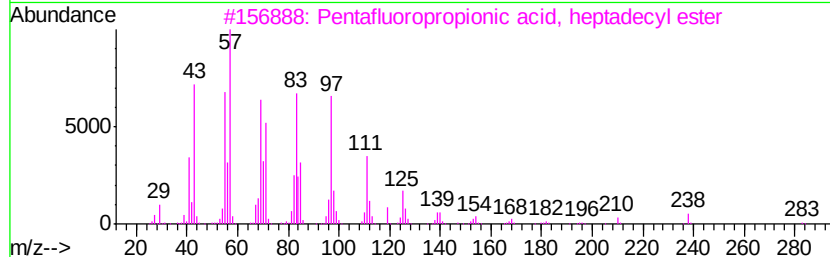
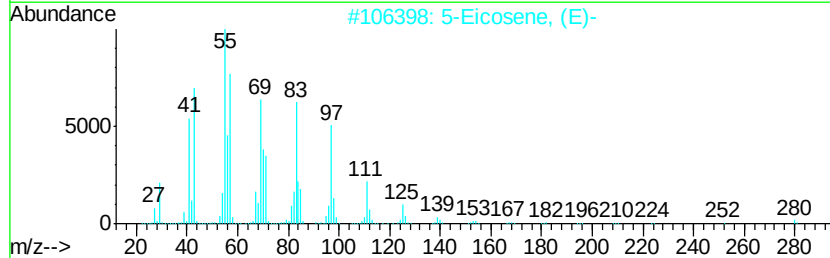
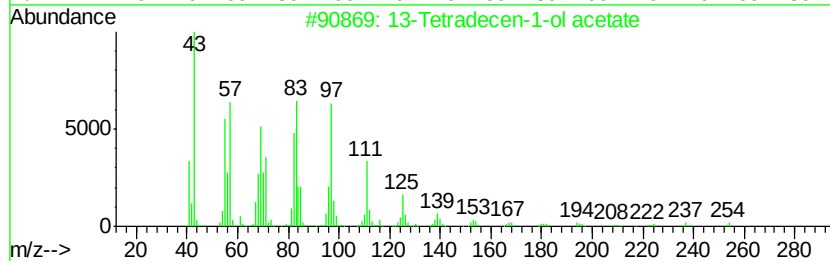
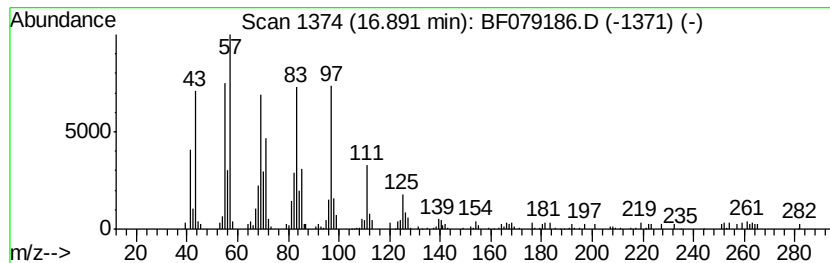
Instrument :
BNA_F
ClientSampleID :
TU021-SB-18-2.5

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 16 13-Tetradecen-1-ol acetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.89	6.83 ng	247056	Chrysene-d12	16.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	91
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	81
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

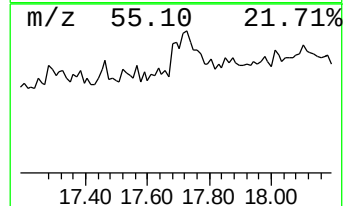
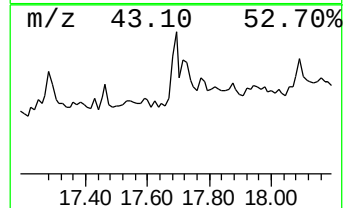
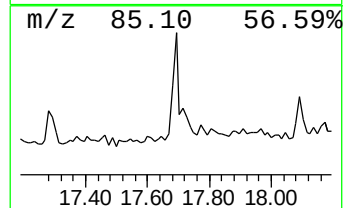
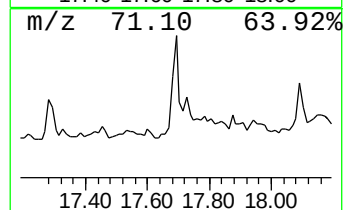
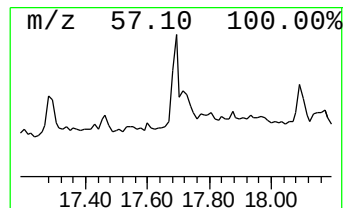
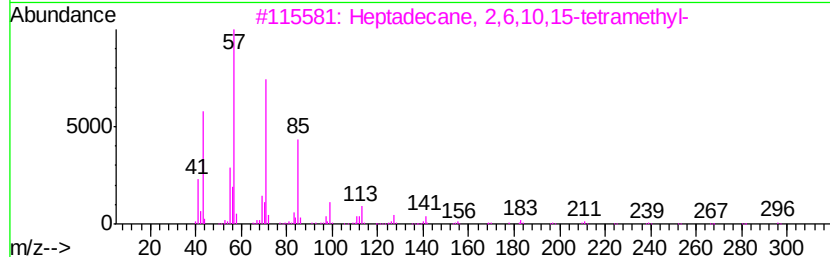
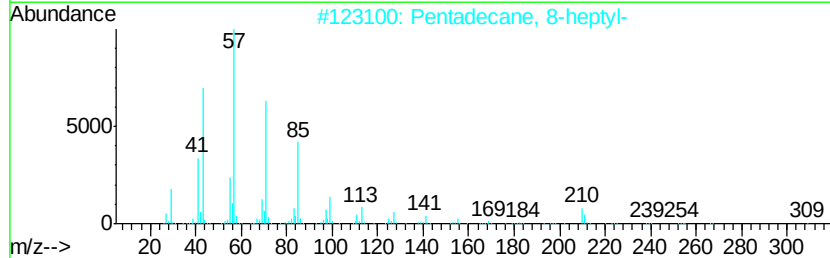
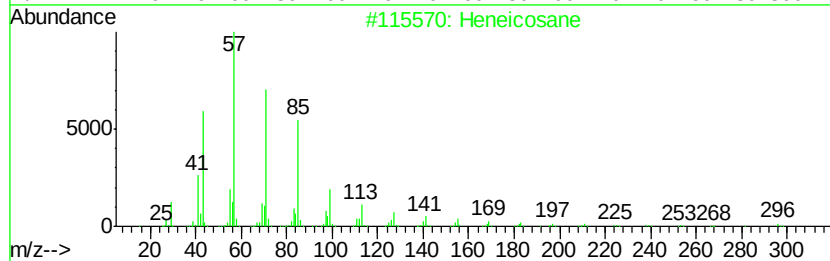
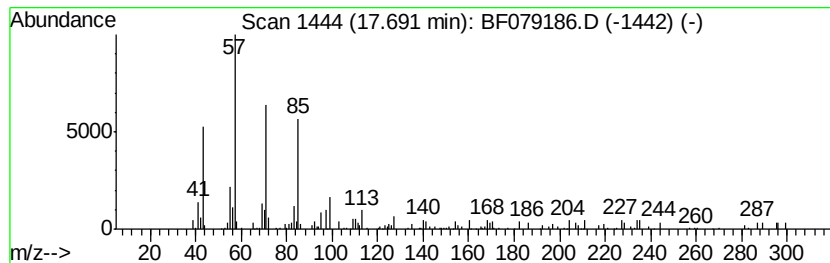
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	2.12 ng	64363	Perylene-d12	17.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	70
2			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	58
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	55
4			8-Hydroxy-2,2,8-trimethyldeca-5,...	210	C13H22O2	083040-92-0	52
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

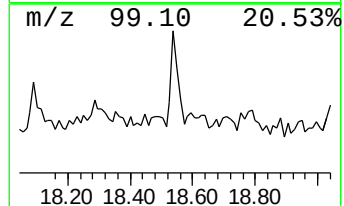
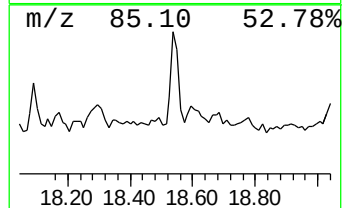
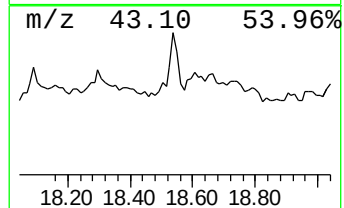
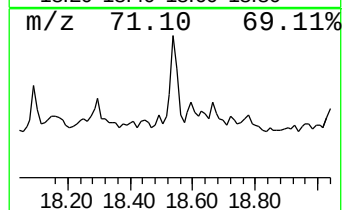
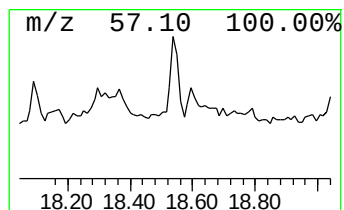
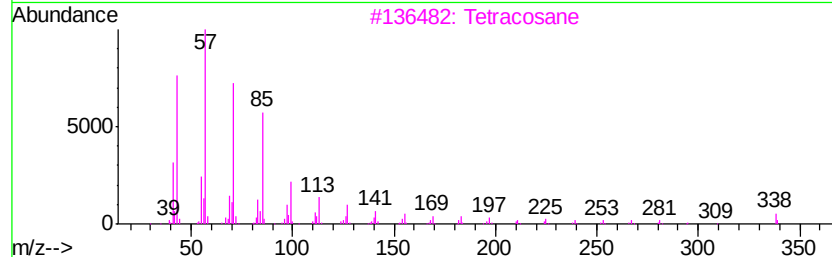
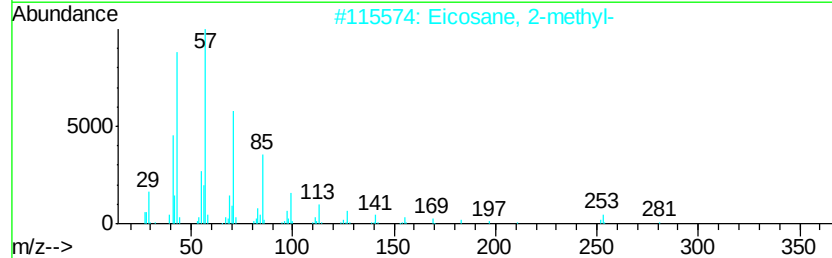
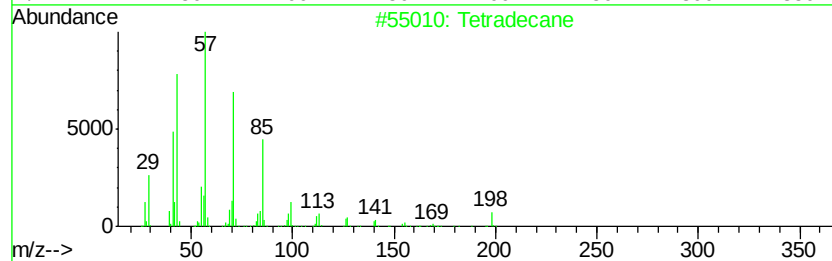
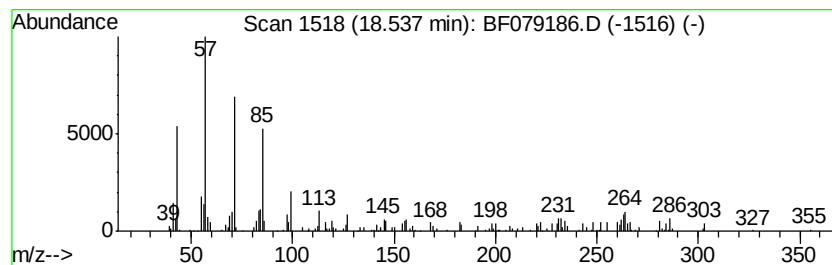
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	2.28 ng	69153	Perylene-d12	17.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	62
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	58
3		Tetracosane	338	C24H50	000646-31-1	53
4		Eicosane	282	C20H42	000112-95-8	53
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

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
Amylene Hydrate	1.35	2.7	ng	45401	1	7.28	336368	20.0
Butane, 2-methoxy...	1.75	32.3	ng	543022	1	7.28	336368	20.0
2-Pentanone, 4-hy...	5.08	6.0	ng	101437	1	7.28	336368	20.0
unknown6.99	6.99	120.4	ng	2024260	1	7.28	336368	20.0
Propanoic acid, 2...	10.04	2.2	ng	57168	3	11.04	510274	20.0
Sulfur	11.38	4.2	ng	106323	3	11.04	510274	20.0
1-Pentadecanol	13.21	7.1	ng	196498	4	12.88	553345	20.0
Undecanoic acid	13.59	2.4	ng	65340	4	12.88	553345	20.0
Trichloroacetic a...	14.24	8.5	ng	235814	4	12.88	553345	20.0
Tetracosane	14.30	3.0	ng	83475	4	12.88	553345	20.0
Cyclic octaatomic...	14.48	2.1	ng	57931	4	12.88	553345	20.0
1-Nonadecene	16.05	10.7	ng	387791	5	16.18	723538	20.0
13-Tetradecen-1-o...	16.89	6.8	ng	247056	5	16.18	723538	20.0
Heneicosane	17.69	2.1	ng	64363	6	17.97	606844	20.0
Tetradecane	18.54	2.3	ng	69153	6	17.97	606844	20.0