

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092528.D
 Acq On : 26 Jan 2017 16:22
 Operator : SJ/MA
 Sample : I1312-05 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-02-0-2

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-BF012417.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	2.293	17	18	27	rVB	35731	63014	1.21%	0.224%
2	4.567	214	217	220	rBV2	36663	54620	1.05%	0.194%
3	5.139	265	267	270	rBV	512779	522297	10.03%	1.856%
4	5.561	301	304	306	rBV	1422977	1353954	26.00%	4.811%
5	5.744	317	320	321	rBV	148527	175114	3.36%	0.622%
6	6.590	392	394	396	rBV	1575321	1429831	27.46%	5.080%
7	6.739	404	407	409	rBV	1301557	1344339	25.82%	4.776%
8	6.967	425	427	430	rBV	723885	1016465	19.52%	3.612%
9	7.127	439	441	444	rVB	1119953	984544	18.91%	3.498%
10	7.379	460	463	467	rVB3	54237	90737	1.74%	0.322%
11	7.539	474	477	478	rVB	610820	677209	13.00%	2.406%
12	7.630	483	485	487	rVV2	80760	139792	2.68%	0.497%
13	7.676	487	489	492	rVV3	79727	139782	2.68%	0.497%
14	7.767	495	497	502	rVB3	27973	83077	1.60%	0.295%
15	8.087	521	525	527	rBV5	29823	60634	1.16%	0.215%
16	8.145	527	530	531	rBV2	53086	55984	1.08%	0.199%
17	8.213	533	536	538	rBV4	23766	56373	1.08%	0.200%
18	8.270	538	541	543	rVV	1283362	1318326	25.32%	4.684%
19	8.327	545	546	547	rVB	136155	93402	1.79%	0.332%
20	8.362	547	549	552	rVB3	29179	67907	1.30%	0.241%
21	8.442	552	556	557	rBV2	35690	73416	1.41%	0.261%
22	8.476	557	559	560	rVB	84872	75456	1.45%	0.268%
23	8.556	563	566	569	rBV3	53885	128651	2.47%	0.457%
24	8.613	569	571	573	rBV3	44589	66682	1.28%	0.237%
25	8.693	576	578	579	rBV	191401	175556	3.37%	0.624%
26	8.819	587	589	591	rBV2	44255	89777	1.72%	0.319%
27	8.865	591	593	595	rVV	91331	89213	1.71%	0.317%
28	8.956	600	601	605	rVB2	70792	89880	1.73%	0.319%
29	9.025	605	607	608	rBV2	53379	63365	1.22%	0.225%
30	9.150	616	618	620	rBV3	37409	66901	1.28%	0.238%
31	9.299	629	631	633	rVB	190173	187996	3.61%	0.668%
32	9.345	633	635	638	rBV	1221929	1191946	22.89%	4.235%
33	9.436	640	643	645	rBV	171708	247766	4.76%	0.880%
34	9.493	645	648	651	rVB5	34810	88857	1.71%	0.316%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

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-BF012417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.619	654	659	661 rBV4	50234	132737	2.55%	0.472%
36	9.688	664	665	668 rBV3	40466	56646	1.09%	0.201%
37	9.745	668	670	672 rBV2	313018	398180	7.65%	1.415%
38	9.848	677	679	682 rVB4	45307	79838	1.53%	0.284%
39	9.905	682	684	685 rBV	50201	82860	1.59%	0.294%
40	9.962	685	689	691 rVV	116103	143368	2.75%	0.509%
41	10.031	693	695	697 rVB	1441259	1213679	23.31%	4.312%
42	10.225	710	712	716 rVB4	56375	76212	1.46%	0.271%
43	10.385	724	726	729 rVB3	31977	64836	1.25%	0.230%
44	10.465	729	733	734 rVB2	129446	176773	3.39%	0.628%
45	10.671	749	751	755 rBV2	312008	382224	7.34%	1.358%
46	10.819	761	764	766 rBV	641009	618730	11.88%	2.198%
47	10.876	766	769	771 rVV	766587	866454	16.64%	3.079%
48	10.945	773	775	779 rVB	305622	487593	9.36%	1.732%
49	11.071	784	786	789 rBV4	49760	79980	1.54%	0.284%
50	11.391	811	814	815 rBV	126501	174500	3.35%	0.620%
51	11.414	815	816	819 rVB	297532	303575	5.83%	1.079%
52	11.516	823	825	828 rBV2	1003752	1193505	22.92%	4.241%
53	11.745	843	845	846 rBV	133241	163256	3.14%	0.580%
54	11.814	849	851	853 rVV	219935	215587	4.14%	0.766%
55	12.225	885	887	888 rBV	155127	124696	2.39%	0.443%
56	12.511	910	912	914 rBV	254286	350905	6.74%	1.247%
57	12.968	950	952	953 rBV	572633	591360	11.36%	2.101%
58	13.117	962	965	967 rBV	850081	1456010	27.96%	5.173%
59	14.820	1111	1114	1126 rVB	1747081	5207468	100.00%	18.502%
60	16.854	1290	1292	1301 rVB	480680	1141310	21.92%	4.055%

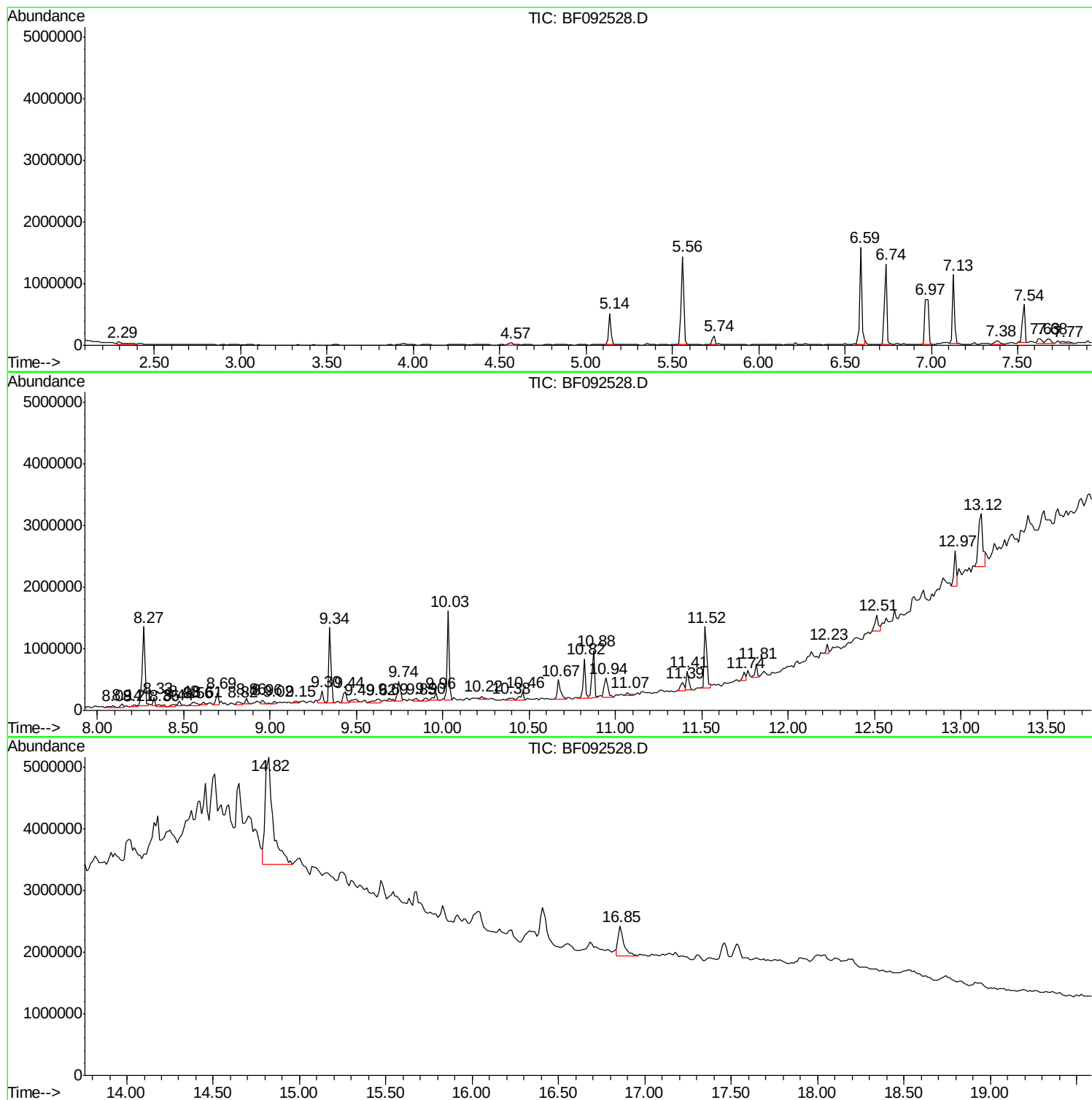
Sum of corrected areas: 28145145

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.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\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

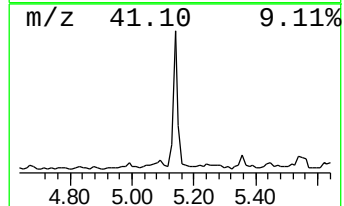
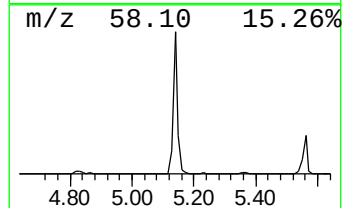
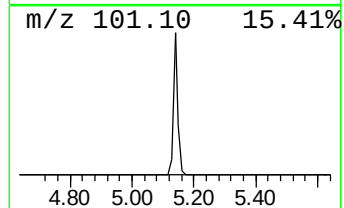
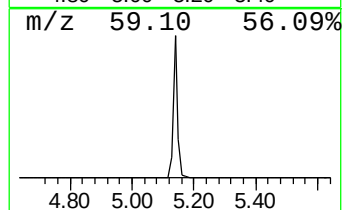
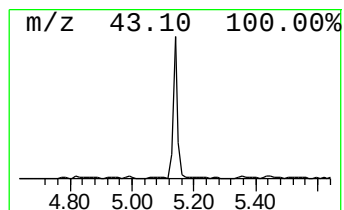
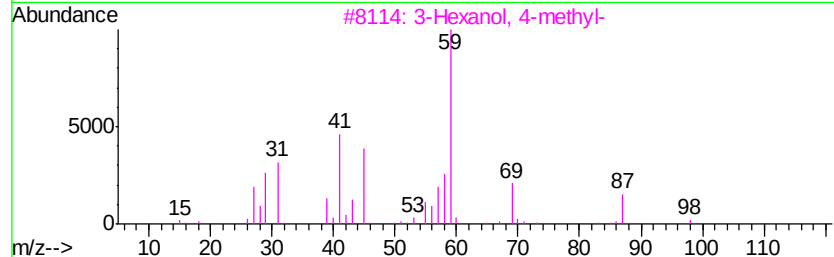
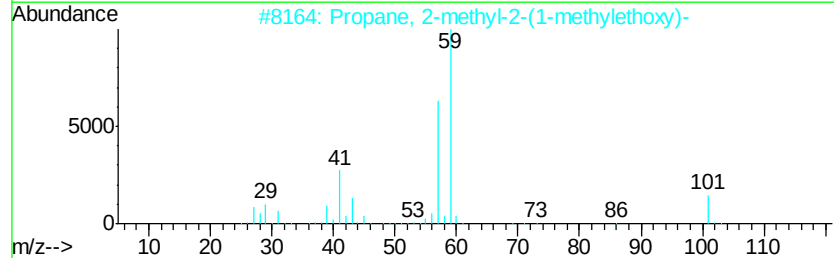
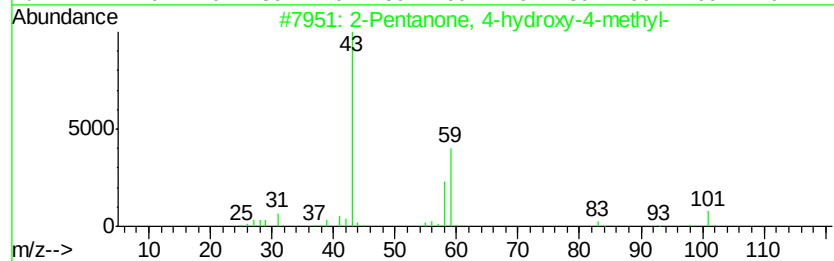
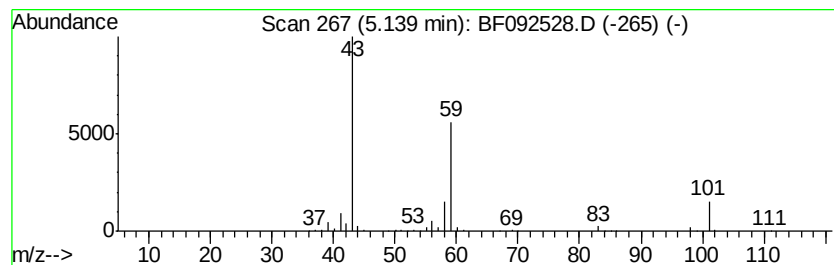
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	10.28 ng	522297	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

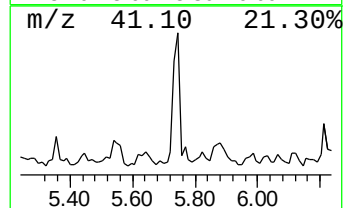
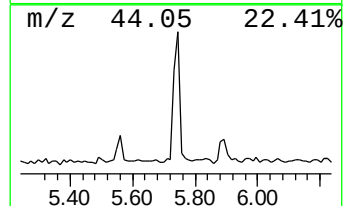
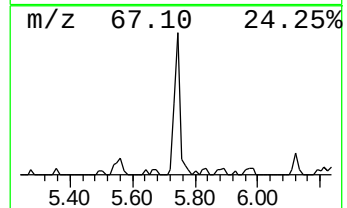
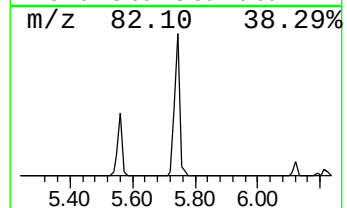
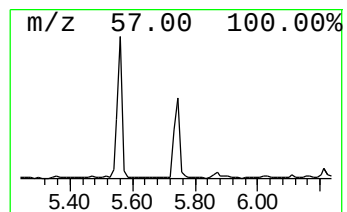
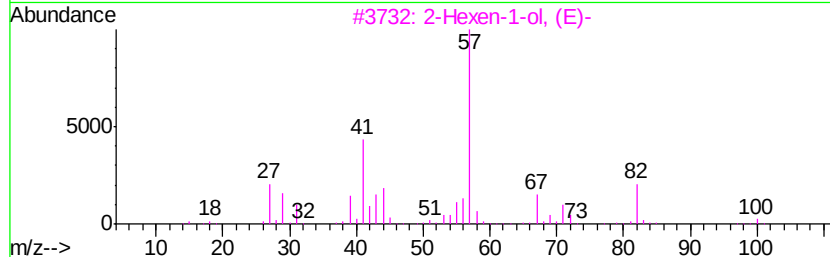
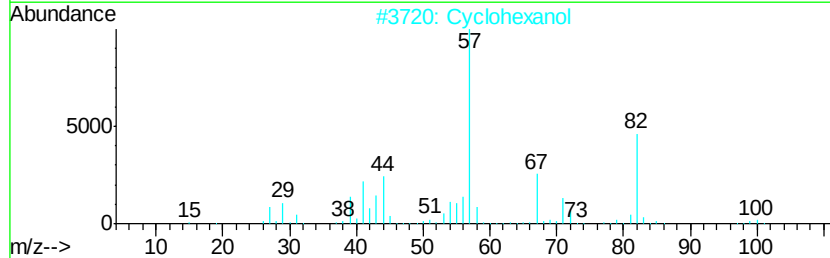
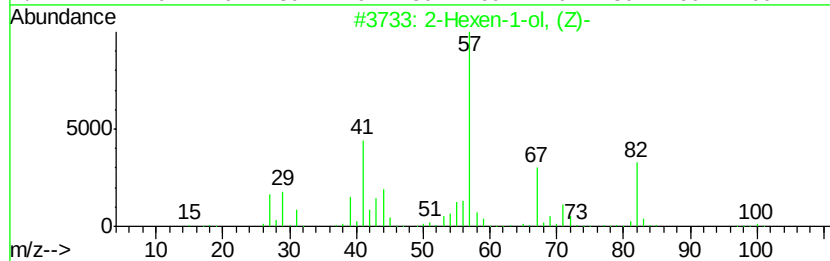
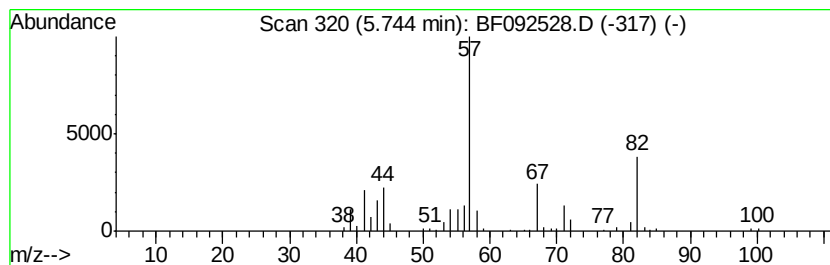
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Hexen-1-ol, (Z)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	3.45 ng	175114	1,4-Dichlorobenzene-d4	6.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	91
2			Cyclohexanol	100	C6H12O	000108-93-0	91
3			2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	59
4			Cyclopentanol, 2-methyl-	100	C6H12O	024070-77-7	47
5			Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

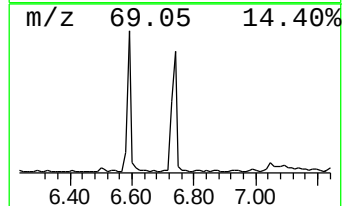
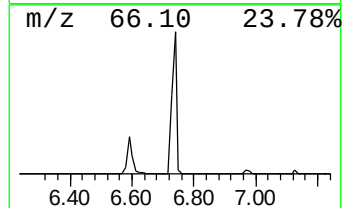
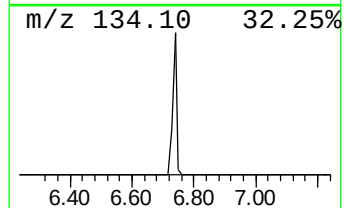
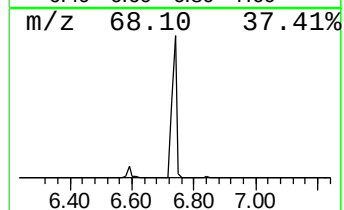
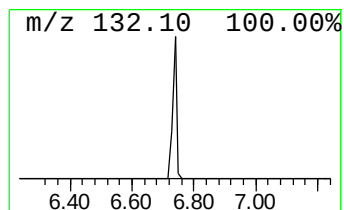
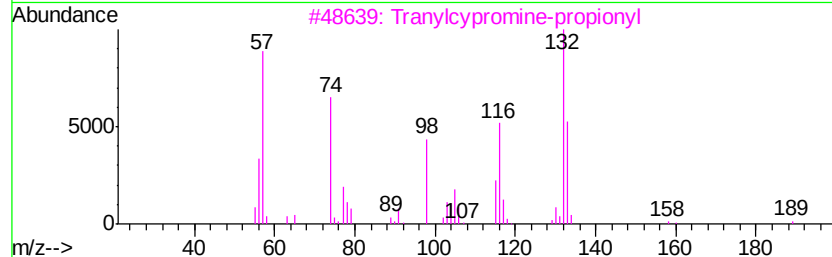
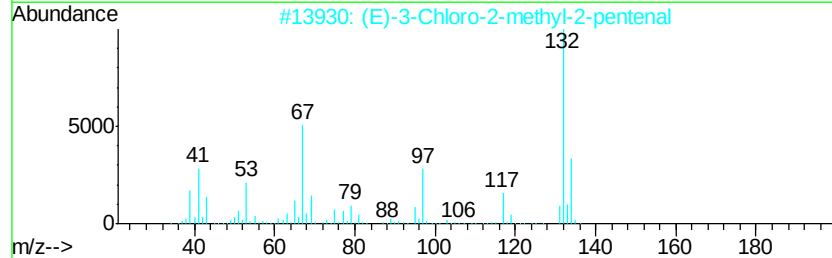
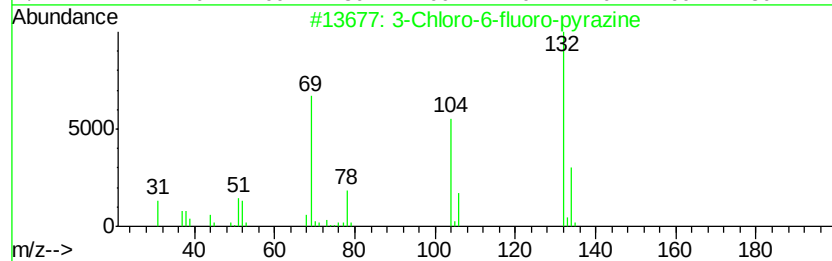
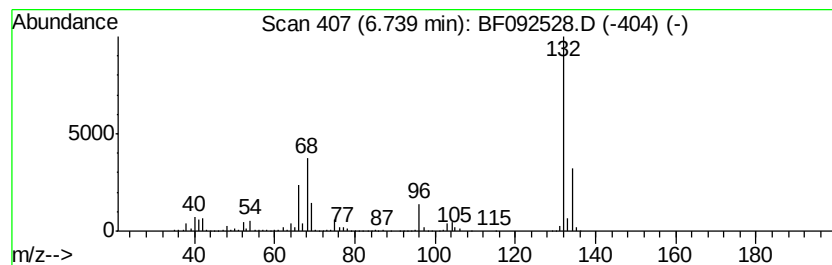
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	26.45 ng	1344340	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

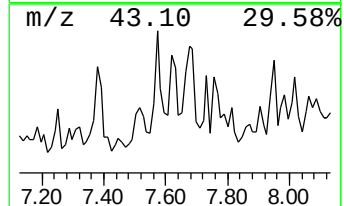
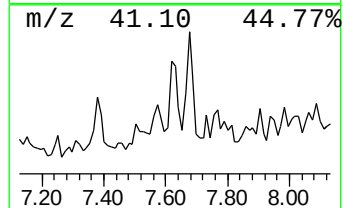
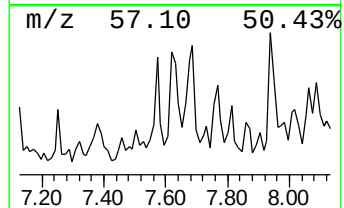
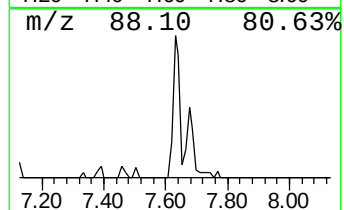
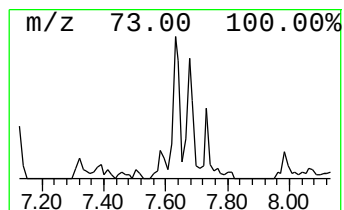
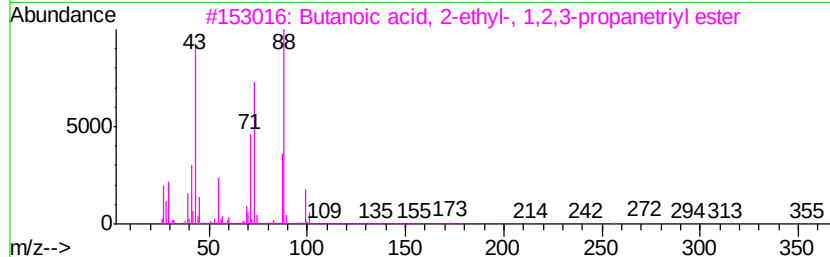
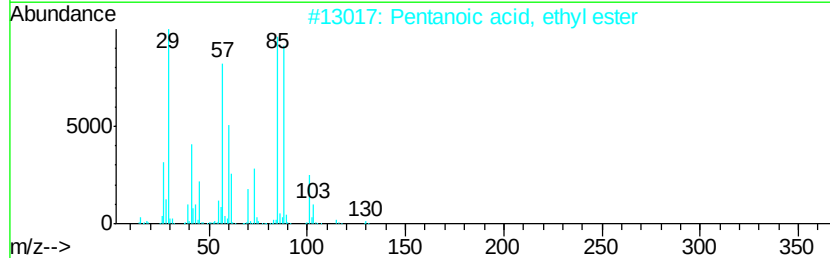
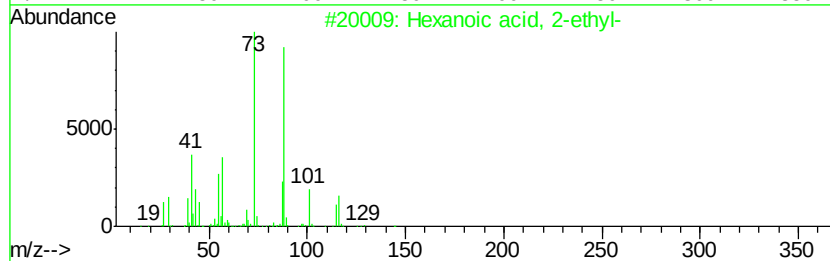
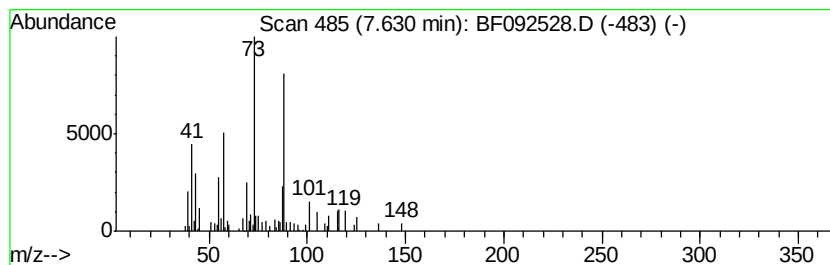
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	2.12 ng	139792	Naphthalene-d8	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80
2		Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	47
3		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	40
4		Hydroxypivalic acid	118	C5H10O3	004835-90-9	38
5		Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

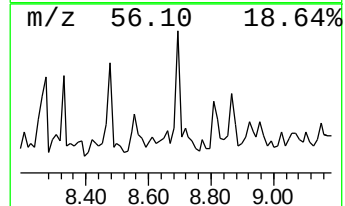
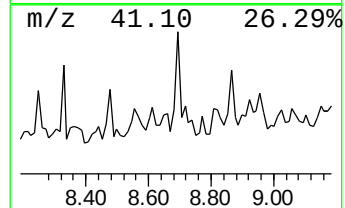
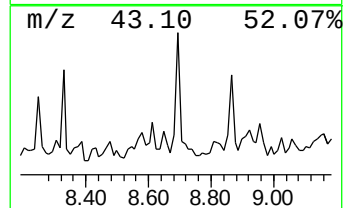
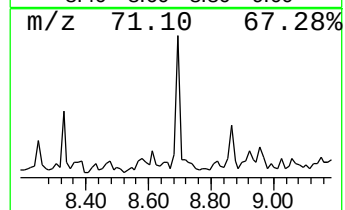
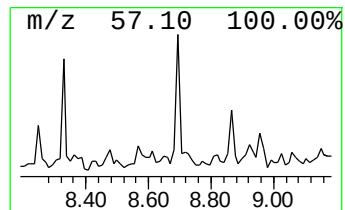
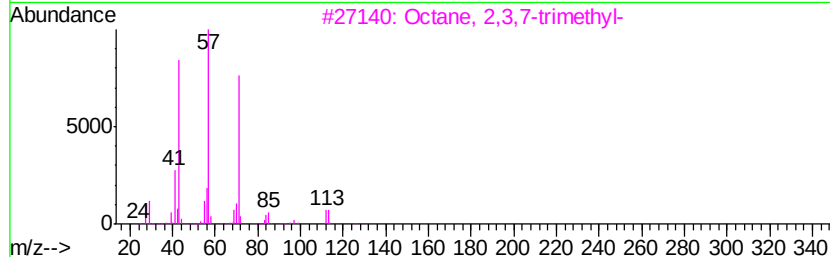
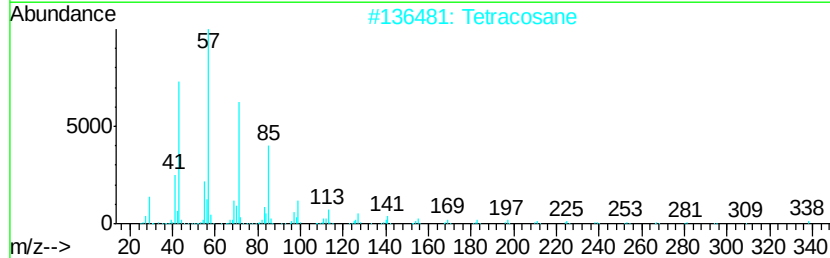
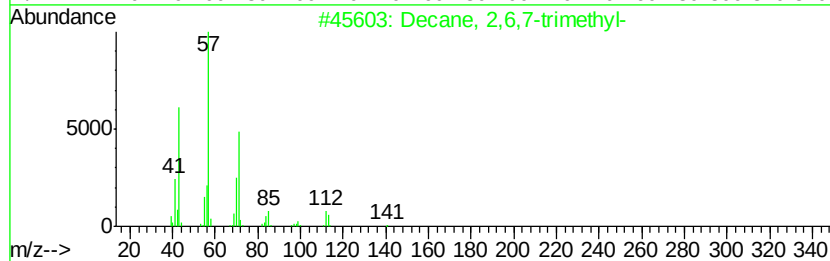
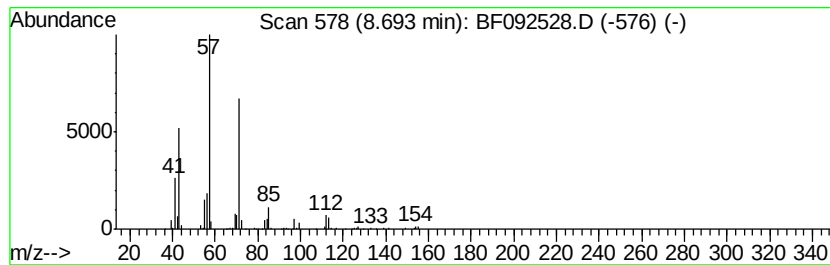
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	2.66 ng	175556	Naphthalene-d8	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2		Tetracosane	338	C24H50	000646-31-1	64
3		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
5		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

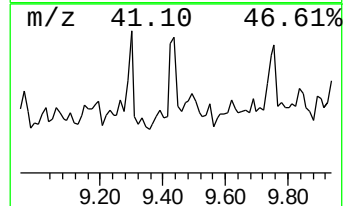
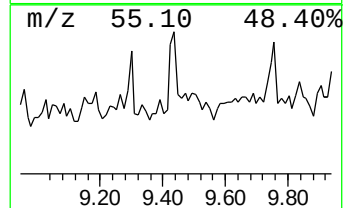
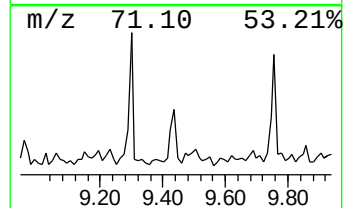
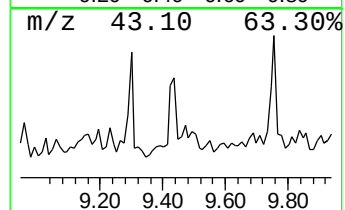
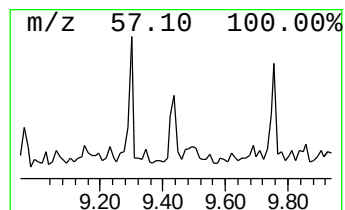
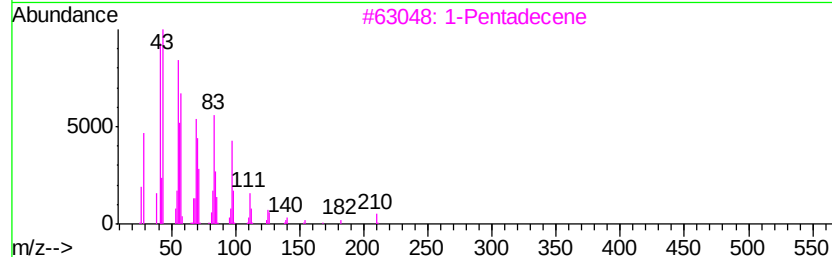
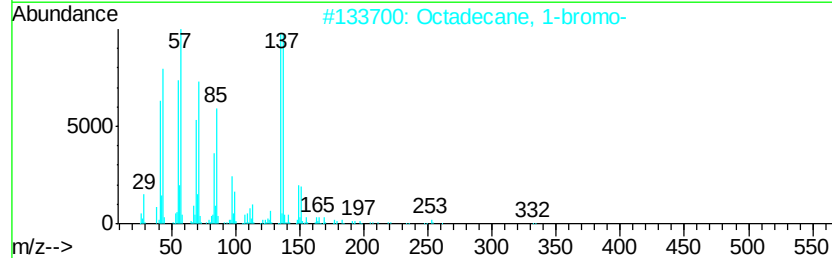
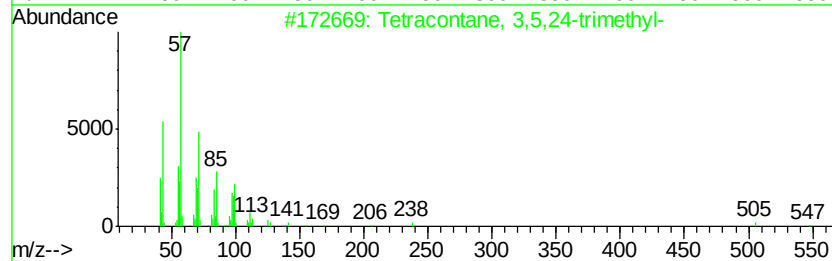
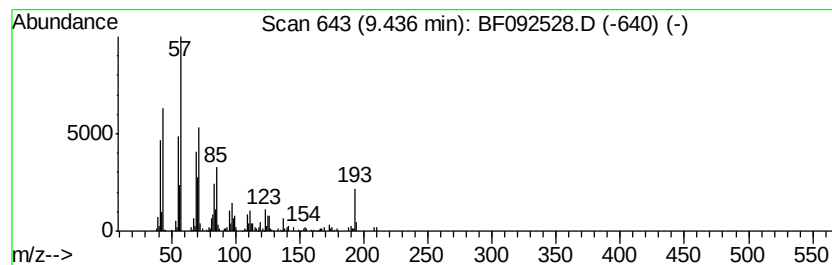
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracontane, 3,5,24-trimet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	4.08 ng	247766	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	52
2		Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	47
3		1-Pentadecene	210	C15H30	013360-61-7	42
4		Hexadecane	226	C16H34	000544-76-3	38
5		Tridecane	184	C13H28	000629-50-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

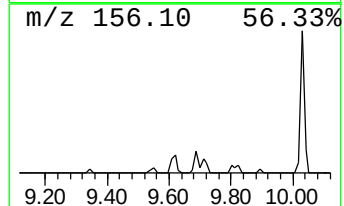
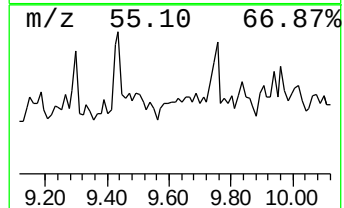
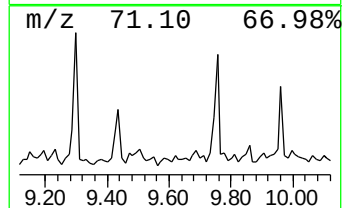
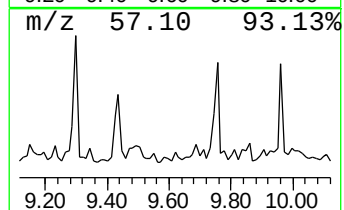
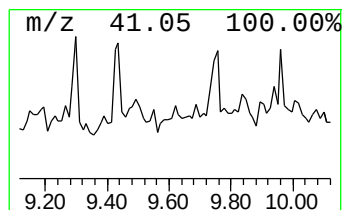
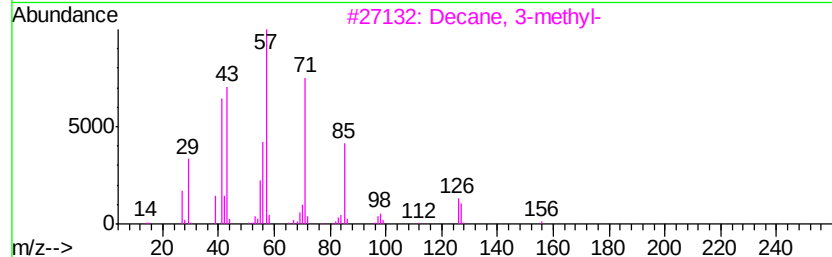
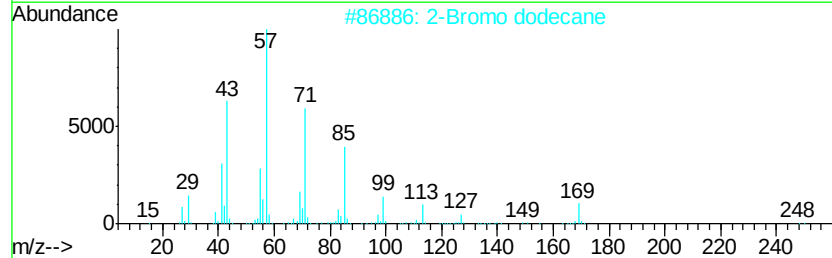
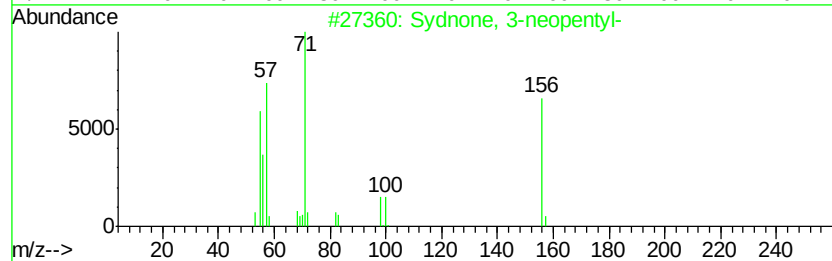
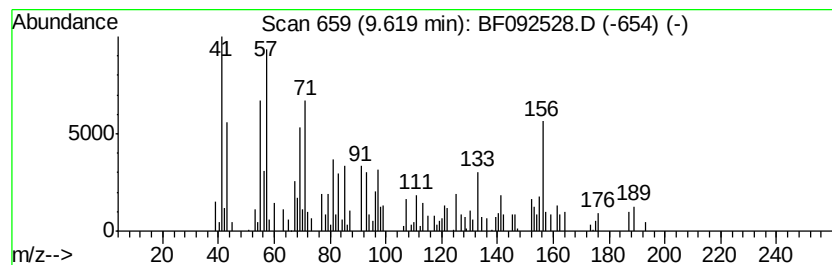
Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.62 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.62	2.19 ng	132737	Acenaphthene-d10	10.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Svdnone, 3-neopentyl-	156	C7H12N2O2	026537-48-4	25
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	14
3	Decane, 3-methyl-	156	C11H24	013151-34-3	14
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	11
5	2-Fluoro-5-nitroaniline	156	C6H5FN2O2	000369-36-8	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

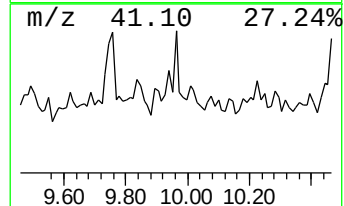
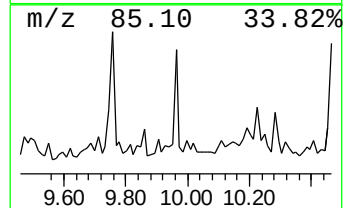
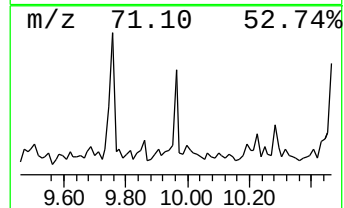
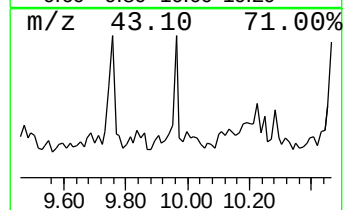
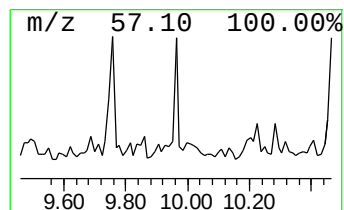
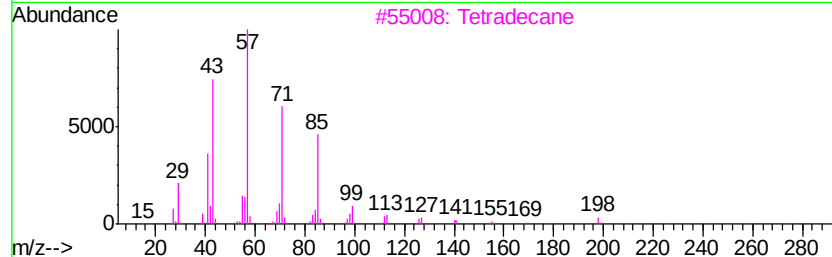
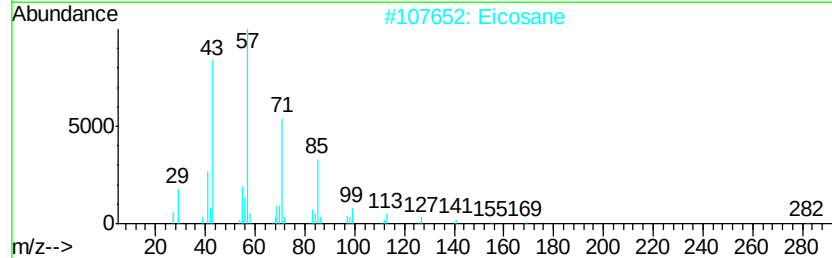
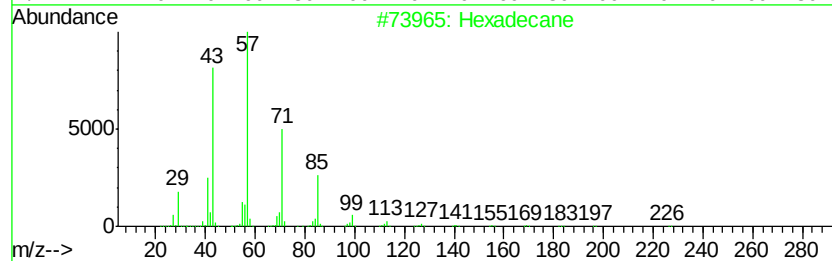
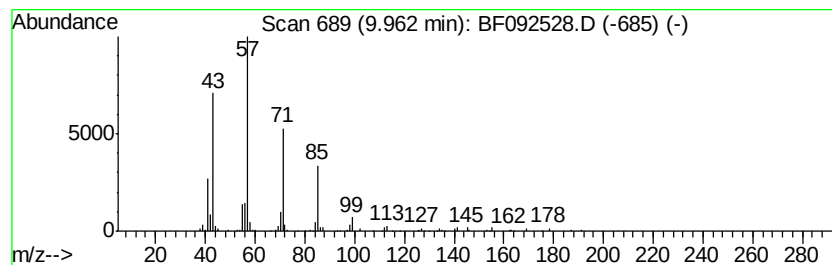
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	2.36 ng	143368	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Eicosane	282	C20H42	000112-95-8	86
3		Tetradecane	198	C14H30	000629-59-4	86
4		Pentadecane	212	C15H32	000629-62-9	83
5		Heptadecane	240	C17H36	000629-78-7	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

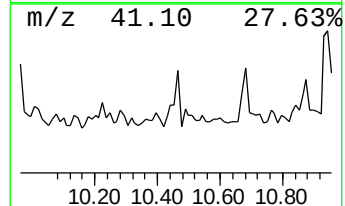
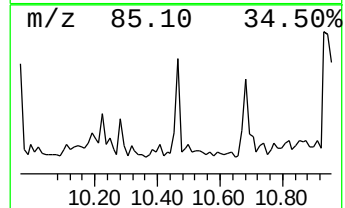
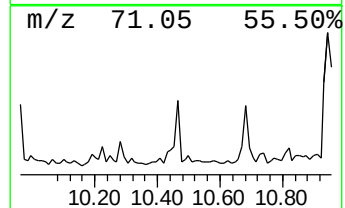
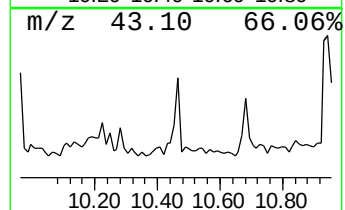
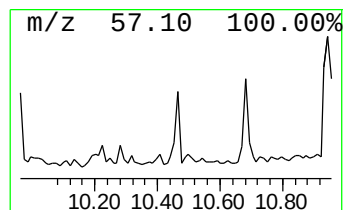
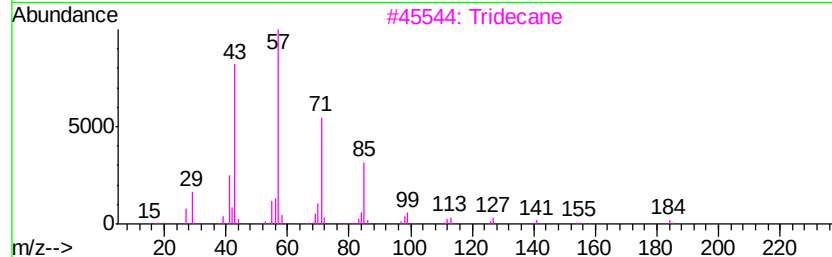
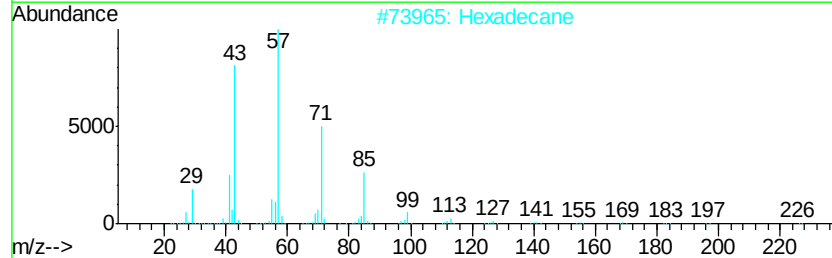
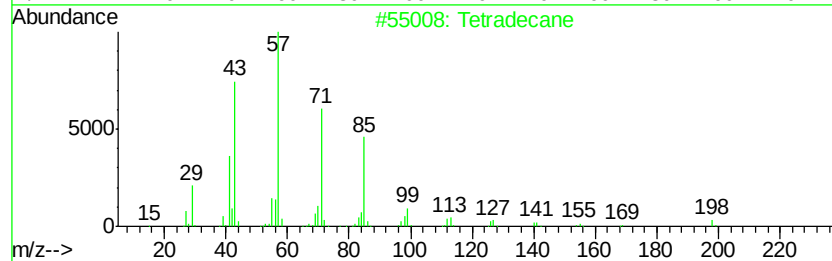
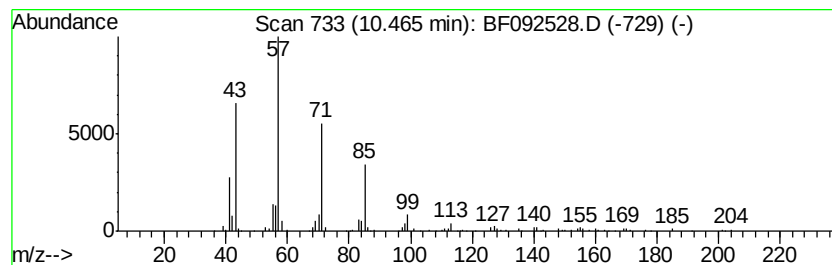
Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	2.91 ng	176773	Acenaphthene-d10	10.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 91
2		Hexadecane	226 C16H34	000544-76-3 90
3		Tridecane	184 C13H28	000629-50-5 90
4		Dodecane	170 C12H26	000112-40-3 90
5		Octane, 5-ethyl-2-methyl-	156 C11H24	062016-18-6 80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

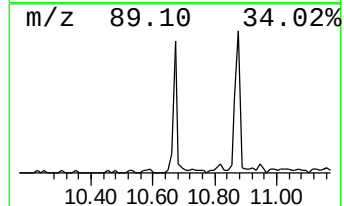
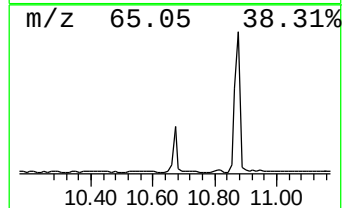
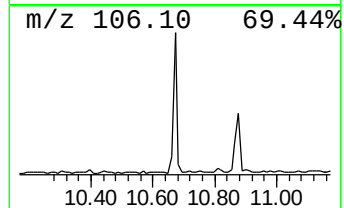
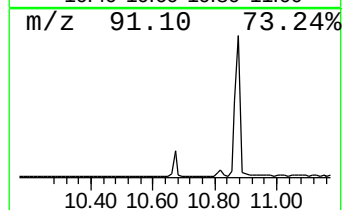
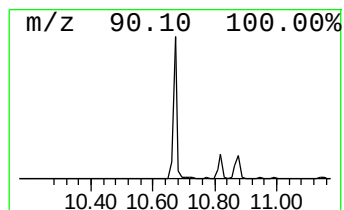
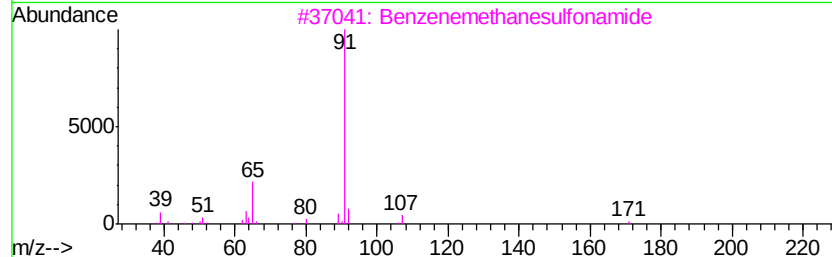
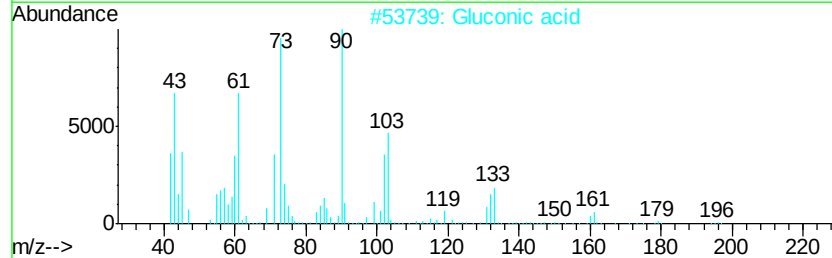
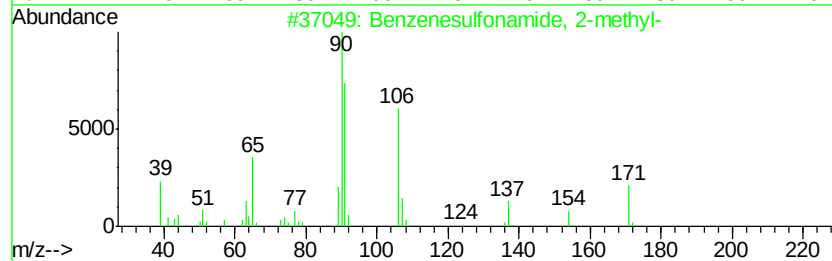
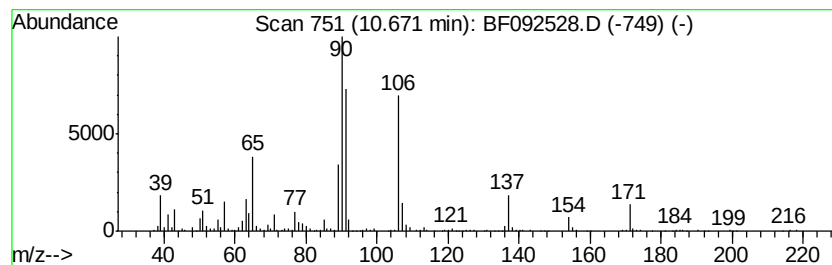
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzenesulfonamide, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	6.30 ng	382224	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	97
2		Gluconic acid	196	C6H12O7	000526-95-4	38
3		Benzenemethanesulfonamide	171	C7H9NO2S	004563-33-1	30
4		Benzene, 1-methyl-3-nitro-	137	C7H7NO2	000099-08-1	25
5		Benzene, 1-methyl-4-nitro-	137	C7H7NO2	000099-99-0	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

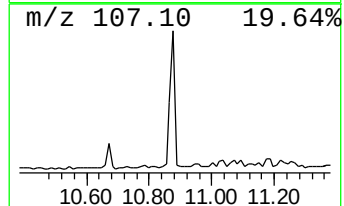
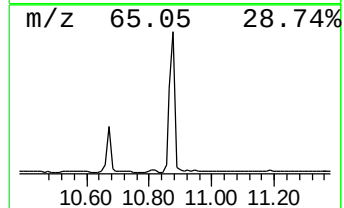
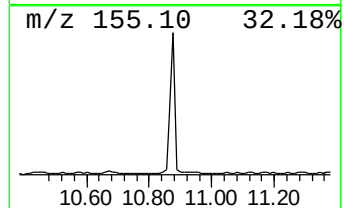
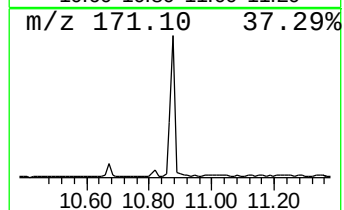
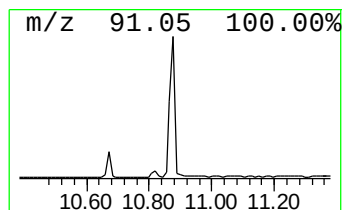
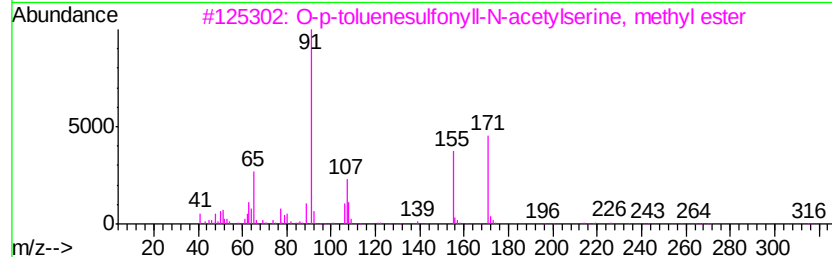
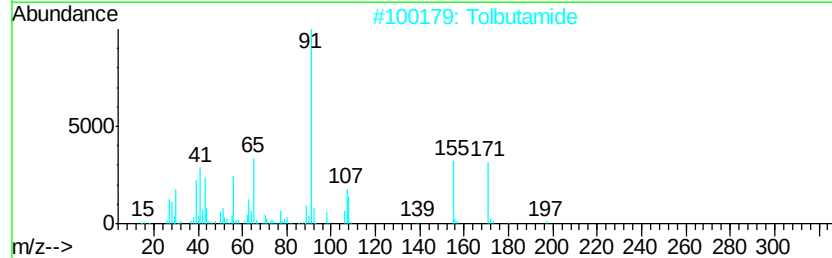
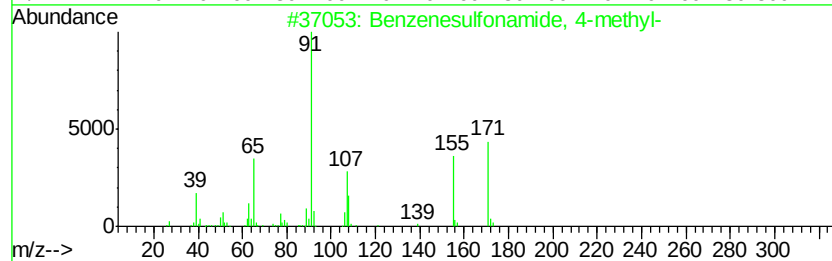
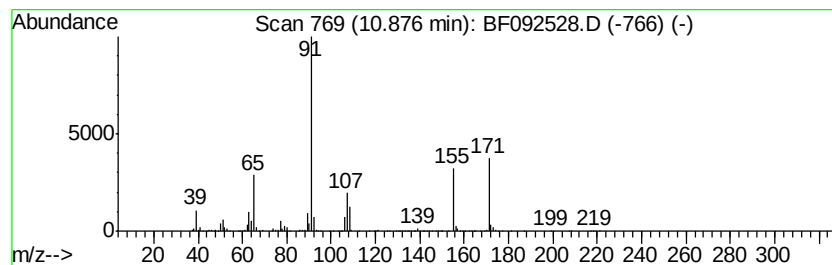
Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzenesulfonamide, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.88	14.52 ng	866454	Phenanthrene-d10	11.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	98
2	Tolbutamide	270	C12H18N2O3S	000064-77-7	78
3	O-p-toluenesulfonyll-N-acetylser...	315	C13H17NO6S	1000126-44-8	74
4	Benzenemethanesulfonamide	171	C7H9NO2S	004563-33-1	52
5	Pyridine-2-carbonitrile, 3,5,6-t...	375	C13H8Cl3N3O2S	255713-77-0	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

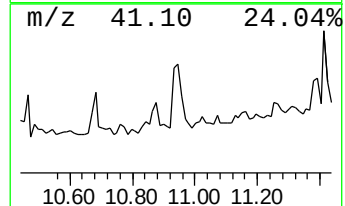
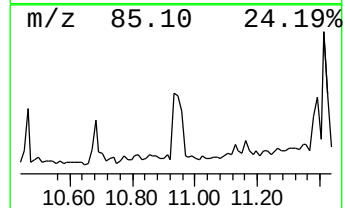
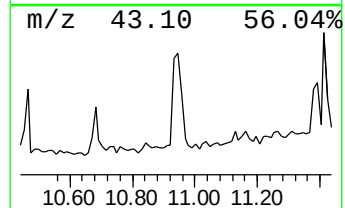
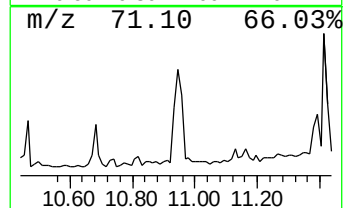
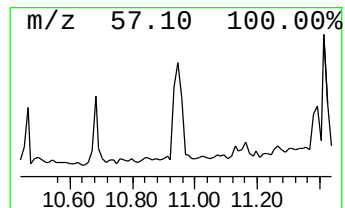
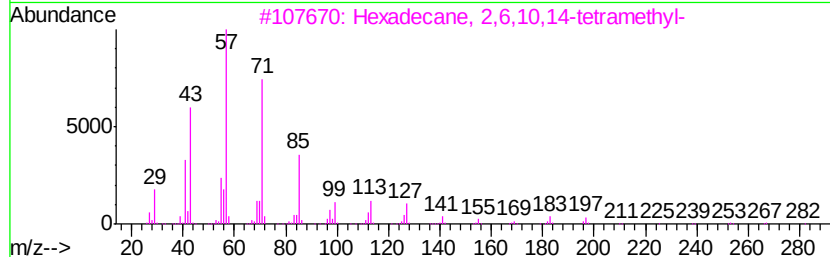
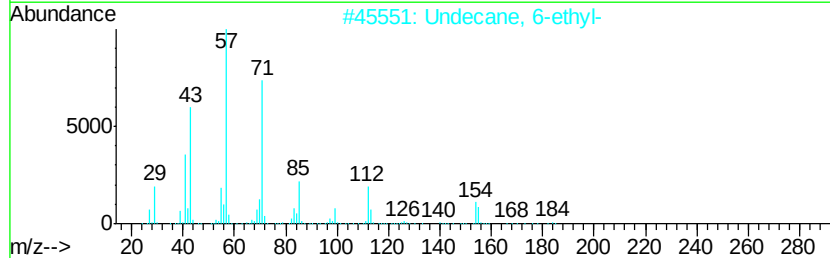
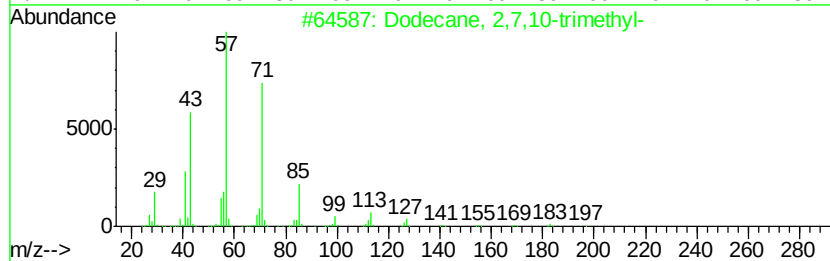
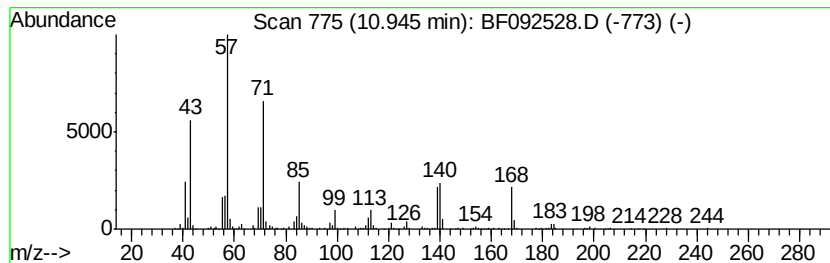
Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.94 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.94	8.17 ng	487593	Phenanthrene-d10		11.52
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	49
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	49
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	49
5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

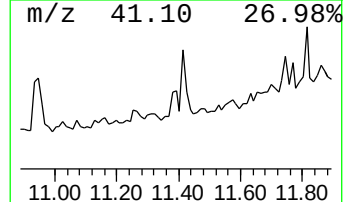
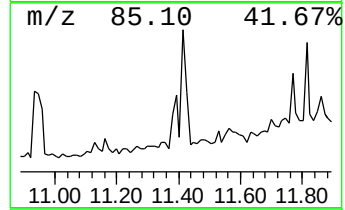
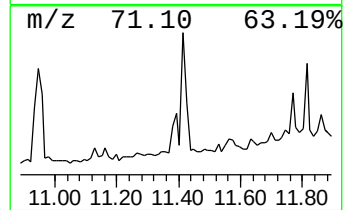
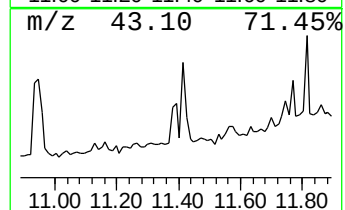
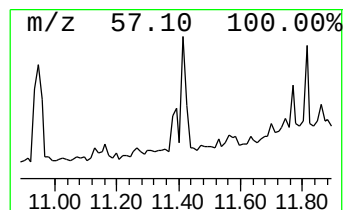
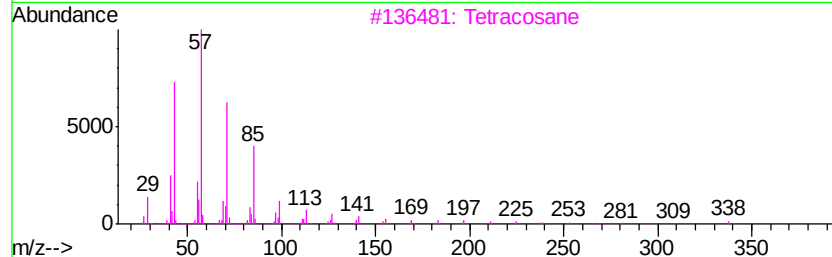
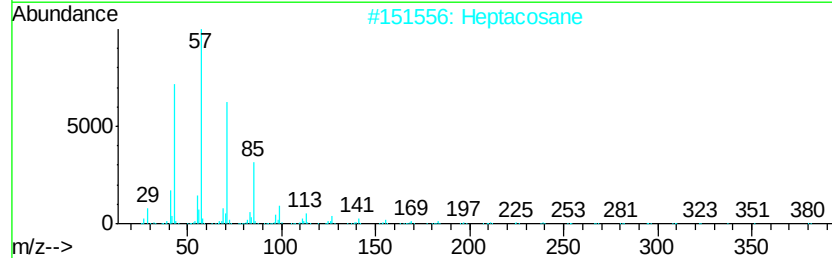
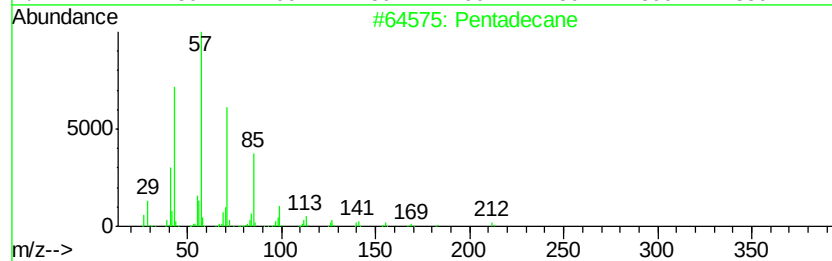
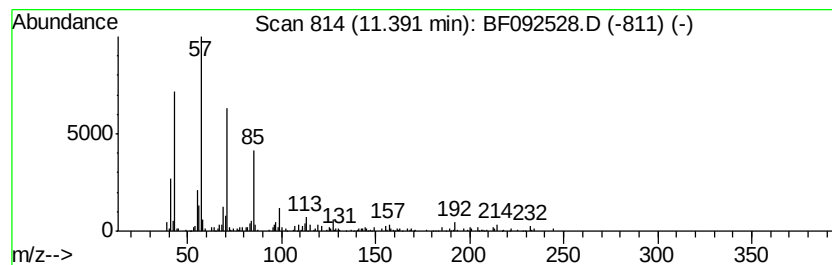
Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	2.92 ng	174500	Phenanthrene-d10	11.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	91
2	Heptacosane	380 C27H56	000593-49-7	83
3	Tetracosane	338 C24H50	000646-31-1	80
4	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	80
5	Eicosane	282 C20H42	000112-95-8	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

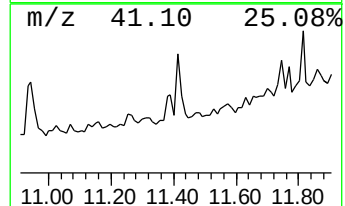
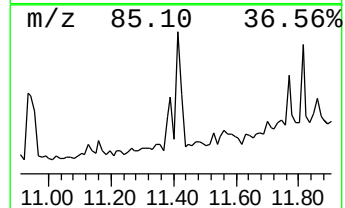
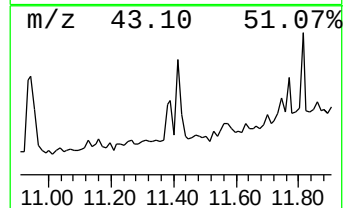
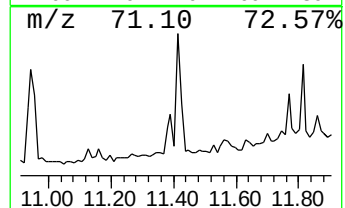
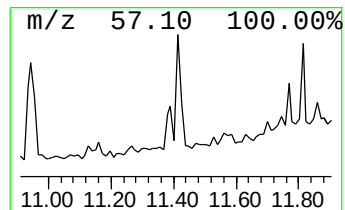
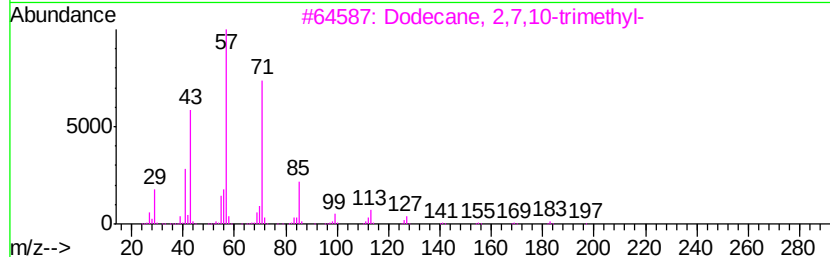
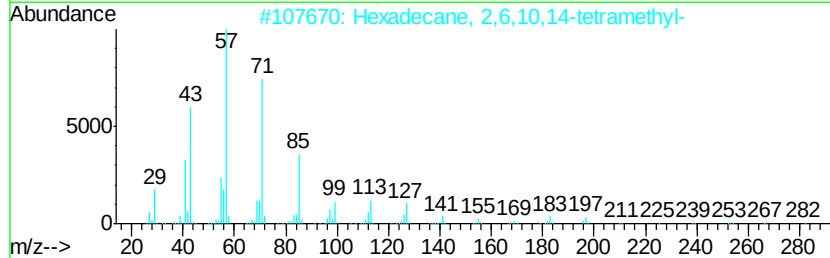
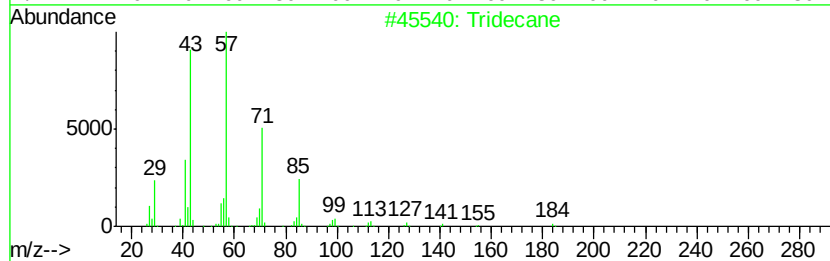
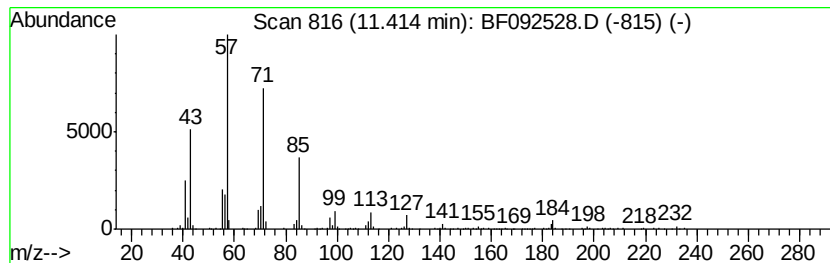
Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.41	5.09 ng	303575	Phenanthrene-d10	11.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

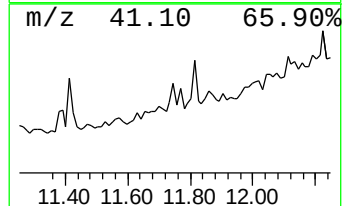
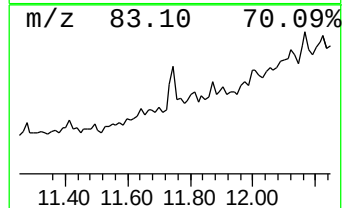
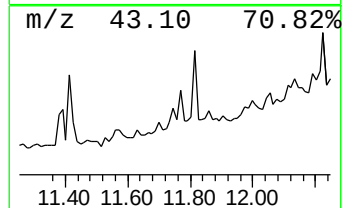
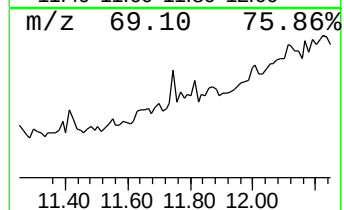
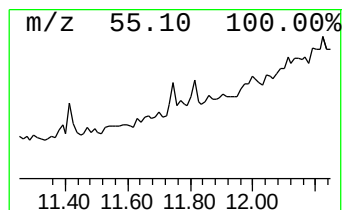
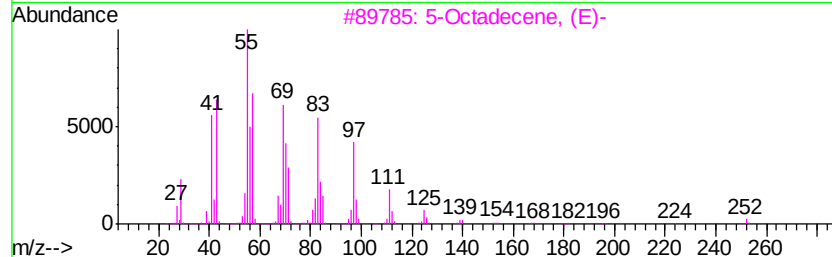
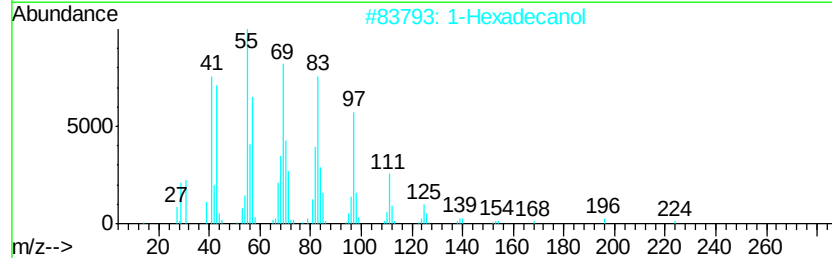
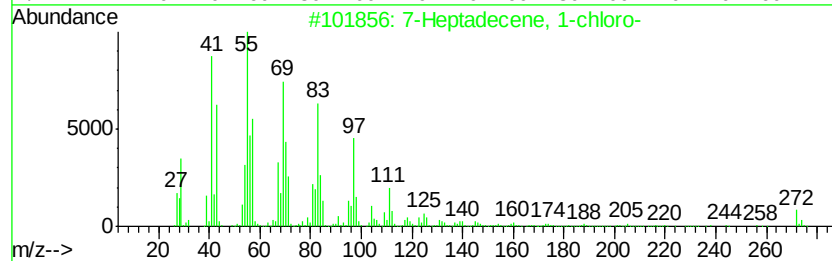
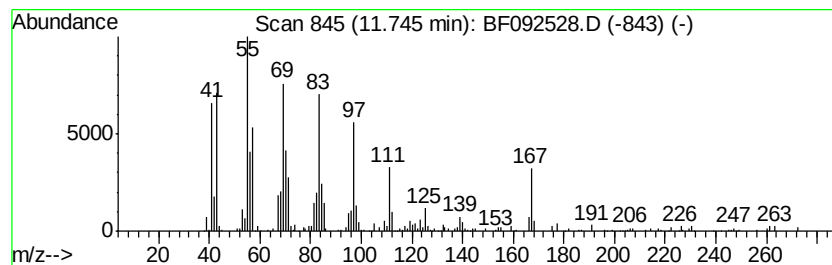
Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 7-Heptadecene, 1-chloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	2.74 ng	163256	Phenanthrene-d10	11.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	87
2	1-Hexadecanol	242	C16H34O	036653-82-4	87
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	87
4	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	87
5	1-Octadecanol	270	C18H38O	000112-92-5	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

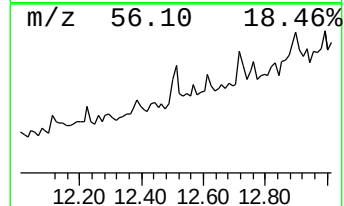
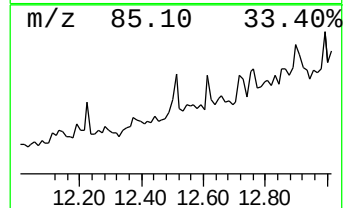
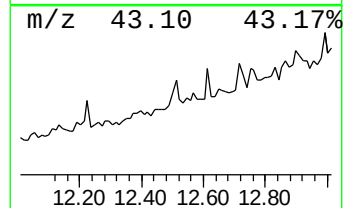
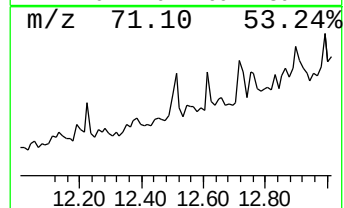
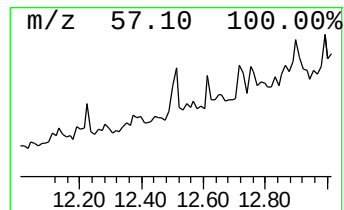
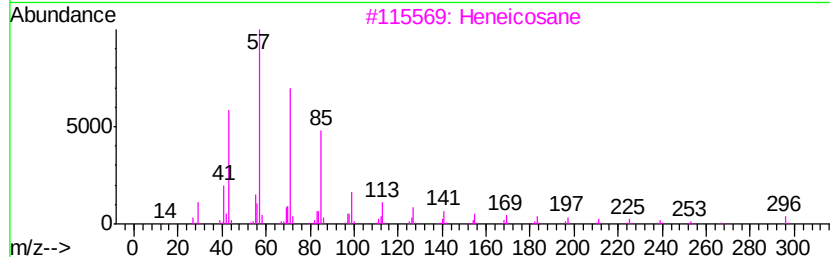
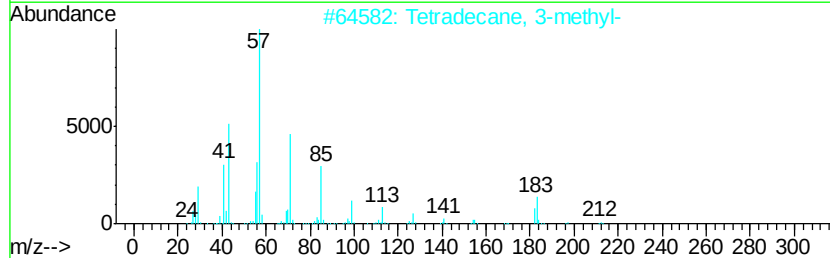
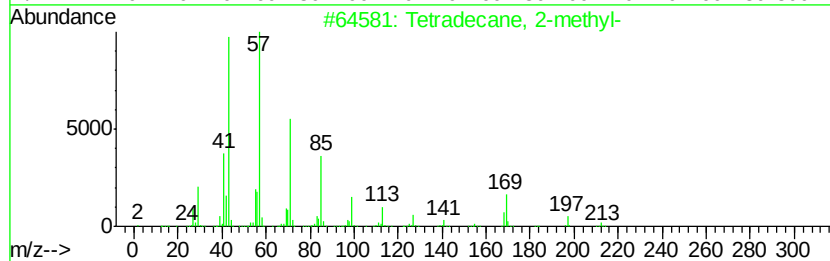
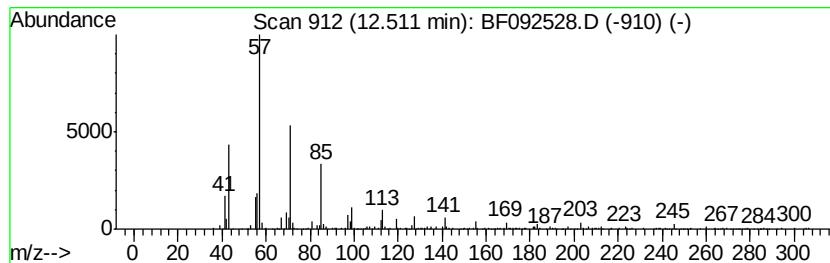
Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.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, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.51	5.88 ng	350905	Phenanthrene-d10	11.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	87
2	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	86
3	Heneicosane	296	C21H44	000629-94-7	83
4	Hexacosane	366	C26H54	000630-01-3	83
5	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

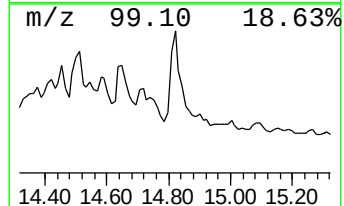
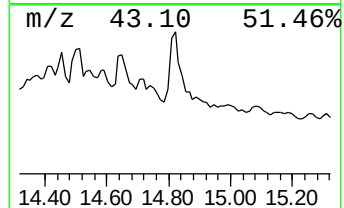
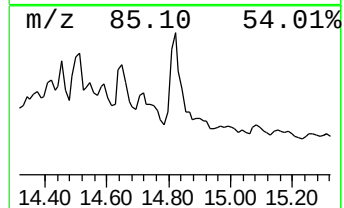
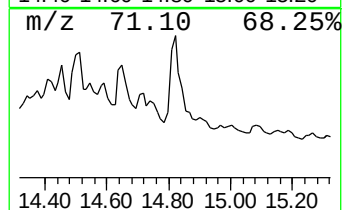
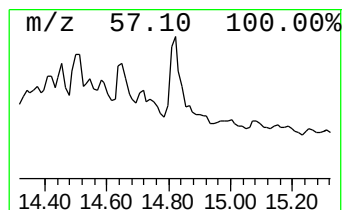
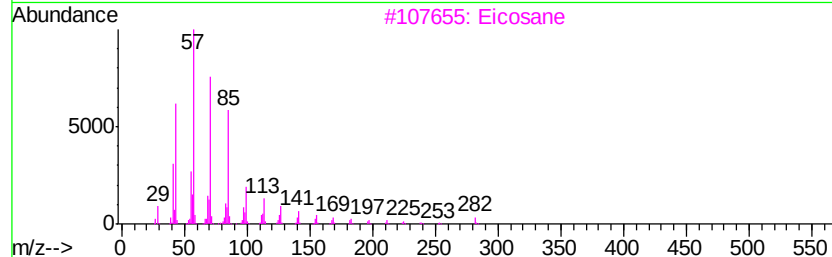
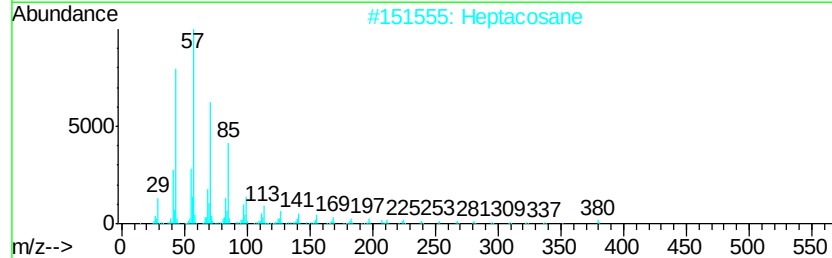
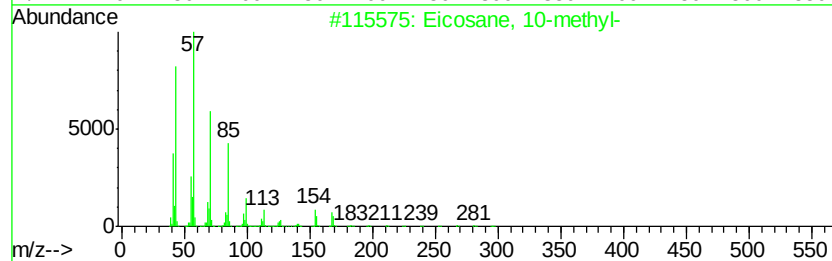
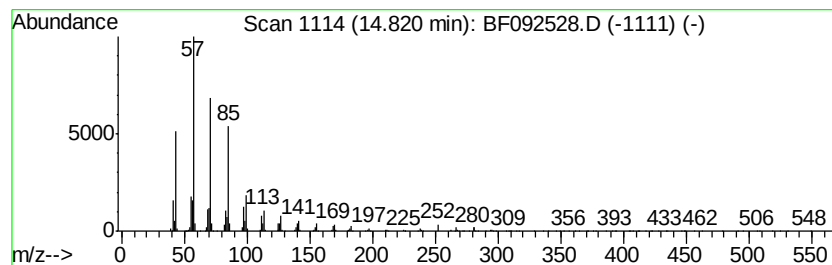
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane, 10-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	20.00 ng	5207470	Chrysene-d12	14.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Eicosane	282	C20H42	000112-95-8	90
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092528.D
Acq On : 26 Jan 2017 16:22
Operator : SJ/MA
Sample : I1312-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

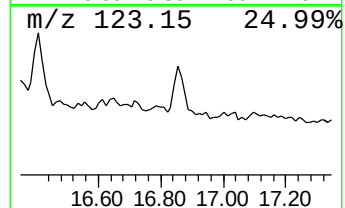
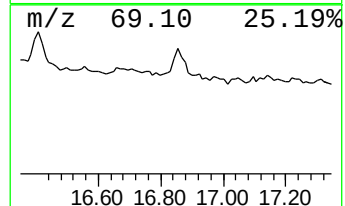
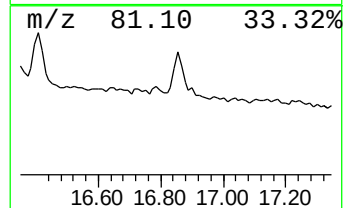
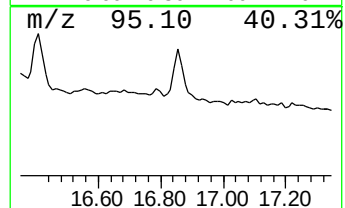
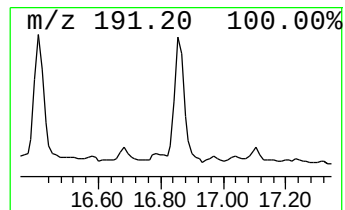
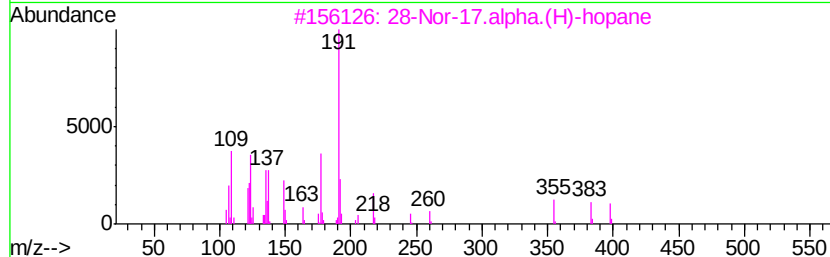
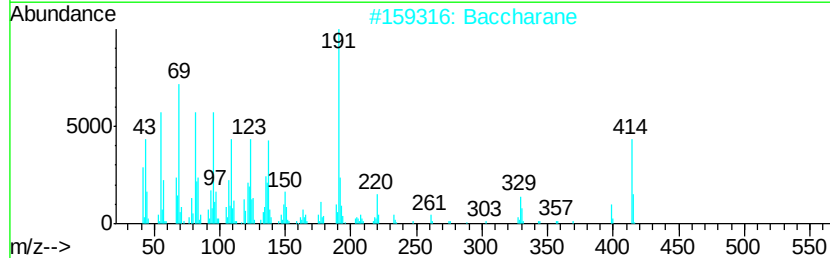
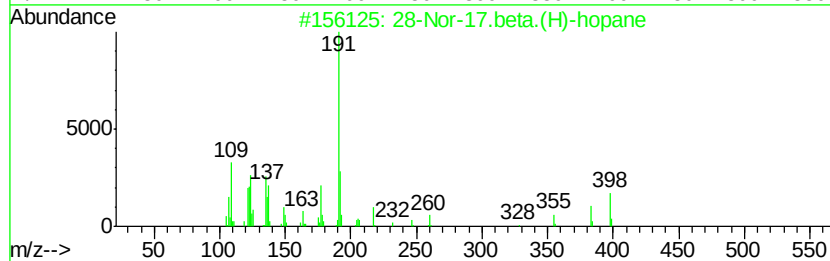
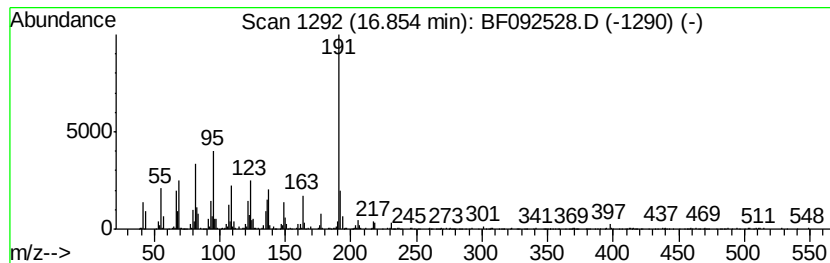
Instrument :
BNA_F
ClientSampleId :
CAS-SB-02-0-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 28-Nor-17.beta.(H)-hopane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.85	4.38 ng	1141310	Perylene-d12	15.68	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	50
2	Baccharane	414	C30H54	036441-74-4	47
3	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	42
4	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	42
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092528.D
 Acq On : 26 Jan 2017 16:22
 Operator : SJ/MA
 Sample : I1312-05 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-02-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.14	10.3	ng	522297	1	6.98	1016470	20.0
2-Hexen-1-ol, (Z)-	5.74	3.5	ng	175114	1	6.98	1016470	20.0
unknown6.74	6.74	26.4	ng	1344340	1	6.98	1016470	20.0
Hexanoic acid, 2-...	7.63	2.1	ng	139792	2	8.27	1318330	20.0
Decane, 2,6,7-tri...	8.69	2.7	ng	175556	2	8.27	1318330	20.0
Tetracontane, 3,5...	9.44	4.1	ng	247766	3	10.03	1213680	20.0
unknown9.62	9.62	2.2	ng	132737	3	10.03	1213680	20.0
Hexadecane	9.96	2.4	ng	143368	3	10.03	1213680	20.0
Tetradecane	10.46	2.9	ng	176773	3	10.03	1213680	20.0
Benzenesulfonamid...	10.67	6.3	ng	382224	3	10.03	1213680	20.0
Benzenesulfonamid...	10.88	14.5	ng	866454	4	11.52	1193510	20.0
unknown10.94	10.94	8.2	ng	487593	4	11.52	1193510	20.0
Pentadecane	11.39	2.9	ng	174500	4	11.52	1193510	20.0
Tridecane	11.41	5.1	ng	303575	4	11.52	1193510	20.0
7-Heptadecene, 1-...	11.75	2.7	ng	163256	4	11.52	1193510	20.0
Tetradecane, 2-me...	12.51	5.9	ng	350905	4	11.52	1193510	20.0
Eicosane, 10-methyl-	14.82	20.0	ng	5207470	5	14.18	5207470	20.0
28-Nor-17.beta.(H...	16.85	4.4	ng	1141310	6	15.68	5207470	20.0