

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
 Data File : BF093276.D
 Acq On : 1 Mar 2017 6:25
 Operator : SJ/MA
 Sample : I1972-02 2X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2B15-BASE-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-BF013017.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	2.190	5	9	18	rVB	17682	42673	1.34%	0.107%
2	3.733	142	144	153	rBV	22638	58026	1.82%	0.146%
3	4.350	196	198	204	rVB	86311	133467	4.19%	0.336%
4	4.956	249	251	262	rBV	608408	741792	23.27%	1.868%
5	5.356	283	286	289	rBV	200334	306112	9.60%	0.771%
6	5.413	289	291	301	rVV	1362663	1962610	61.57%	4.942%
7	5.584	304	306	308	rBV	58778	84613	2.65%	0.213%
8	6.464	381	383	390	rBV	1755081	2174180	68.21%	5.475%
9	6.579	390	393	396	rVV2	1618150	2149073	67.42%	5.412%
10	6.636	396	398	401	rVB	28022	49108	1.54%	0.124%
11	6.807	411	413	415	rBV	984583	844024	26.48%	2.125%
12	6.967	424	427	429	rBV	1302589	1454622	45.63%	3.663%
13	7.207	446	448	450	rBV3	22080	51651	1.62%	0.130%
14	7.253	450	452	458	rVB	117425	216920	6.81%	0.546%
15	7.379	461	463	465	rBV	1129615	1127688	35.38%	2.840%
16	7.905	506	509	513	rVB4	21884	45603	1.43%	0.115%
17	8.099	523	526	530	rBV2	705282	1372644	43.06%	3.457%
18	8.156	530	531	535	rVB2	29547	42866	1.34%	0.108%
19	8.465	556	558	561	rBV3	27968	50348	1.58%	0.127%
20	8.510	561	562	568	rVB2	25141	47471	1.49%	0.120%
21	8.807	586	588	590	rBV	115815	91834	2.88%	0.231%
22	8.910	595	597	598	rVB	38641	48840	1.53%	0.123%
23	9.116	611	615	617	rBV2	38885	85335	2.68%	0.215%
24	9.173	617	620	622	rVV	1269990	1639700	51.44%	4.129%
25	9.436	640	643	645	rBV	65206	82725	2.60%	0.208%
26	9.505	647	649	650	rVV	75191	75911	2.38%	0.191%
27	9.562	653	654	658	rVB	132762	156792	4.92%	0.395%
28	9.642	658	661	663	rBV4	80201	120822	3.79%	0.304%
29	9.710	665	667	669	rVB	76664	71299	2.24%	0.180%
30	9.779	671	673	674	rVV	79598	70961	2.23%	0.179%
31	9.848	676	679	680	rVV	1032461	985704	30.92%	2.482%
32	9.870	680	681	684	rVB2	118397	168077	5.27%	0.423%
33	9.996	690	692	694	rBV2	29089	51971	1.63%	0.131%
34	10.053	694	697	699	rVV	119093	151192	4.74%	0.381%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
 Data File : BF093276.D
 Acq On : 1 Mar 2017 6:25
 Operator : SJ/MA
 Sample : I1972-02 2X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2B15-BASE-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-BF013017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.168	705	707	708 rBV	33934	56134	1.76%	0.141%
36	10.248	712	714	715 rVV2	52382	63781	2.00%	0.161%
37	10.271	715	716	718 rVB	111691	113421	3.56%	0.286%
38	10.396	724	727	730 rBV	152106	192458	6.04%	0.485%
39	10.499	733	736	739 rBV	118897	218844	6.87%	0.551%
40	10.545	739	740	742 rBV2	43400	45728	1.43%	0.115%
41	10.636	746	748	750 rVV	811553	748619	23.49%	1.885%
42	10.762	756	759	761 rBV	363468	526969	16.53%	1.327%
43	10.945	773	775	776 rBV	66526	95650	3.00%	0.241%
44	11.196	795	797	798 rBV	227272	203929	6.40%	0.514%
45	11.231	798	800	802 rVB	280151	371823	11.66%	0.936%
46	11.333	807	809	810 rBV	949673	914862	28.70%	2.304%
47	11.356	810	811	813 rVV	1009823	811700	25.46%	2.044%
48	11.413	813	816	817 rVB	170332	205833	6.46%	0.518%
49	11.448	817	819	820 rBV2	92931	120361	3.78%	0.303%
50	11.573	828	830	832 rBV	216197	281470	8.83%	0.709%
51	11.631	832	835	836 rVV	147855	232926	7.31%	0.587%
52	11.836	851	853	854 rBV	156314	160752	5.04%	0.405%
53	11.974	861	865	867 rBV2	586807	853313	26.77%	2.149%
54	12.054	869	872	873 rVV2	2453393	3167542	99.37%	7.976%
55	12.076	873	874	877 rVV	3380556	2958315	92.81%	7.450%
56	12.168	880	882	886 rVB2	1529692	3187575	100.00%	8.027%
57	12.316	893	895	896 rBV	172953	184062	5.77%	0.464%
58	12.362	897	899	900 rBV	356919	317968	9.98%	0.801%
59	12.556	914	916	917 rBV	1030444	1039722	32.62%	2.618%
60	12.591	917	919	922 rVB4	82010	116840	3.67%	0.294%
61	12.785	933	936	939 rBV	1015534	1508940	47.34%	3.800%
62	12.922	945	948	950 rBV	1165711	1274062	39.97%	3.208%
63	13.116	963	965	966 rVB	410293	462194	14.50%	1.164%
64	13.974	1038	1040	1044 rBV2	749790	1524086	47.81%	3.838%
65	15.414	1163	1166	1173 rVB2	503082	994430	31.20%	2.504%

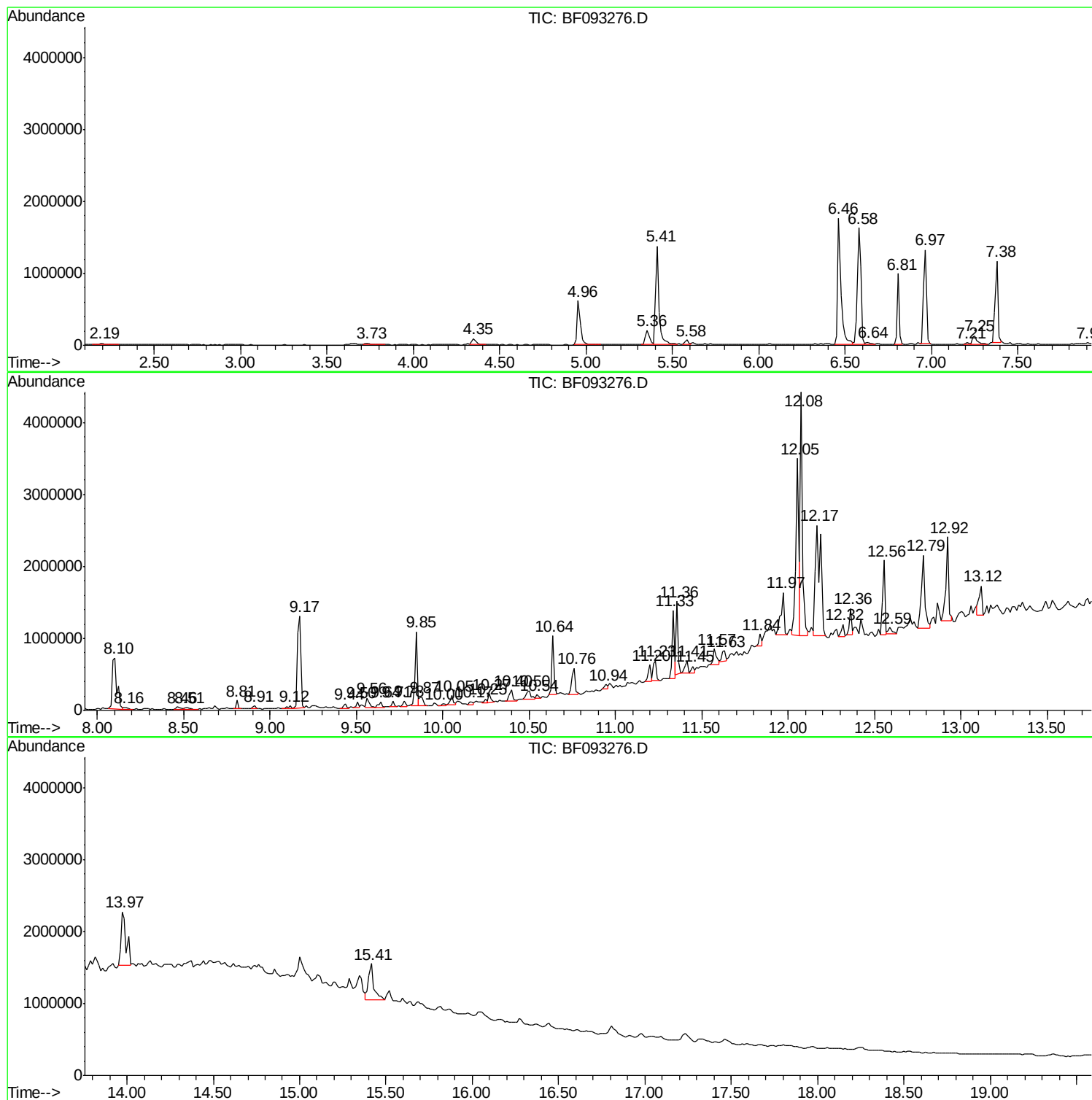
Sum of corrected areas: 39710963

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

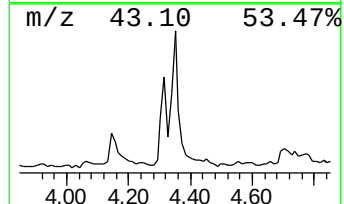
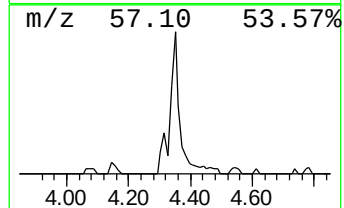
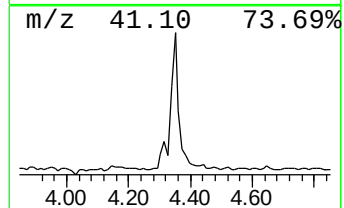
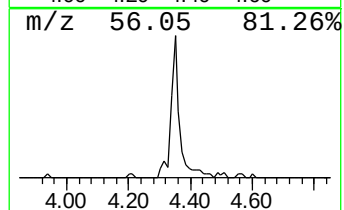
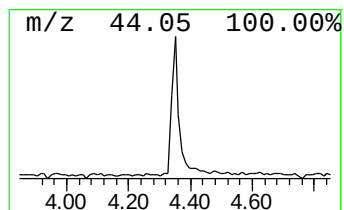
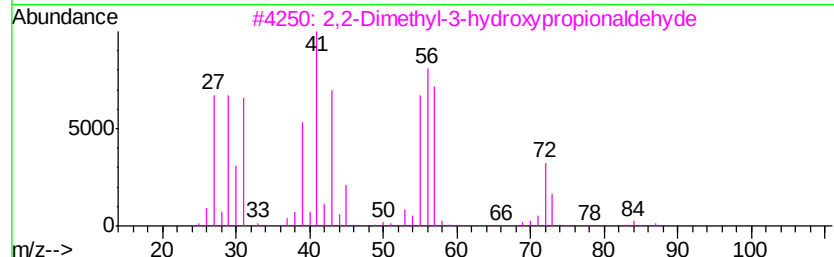
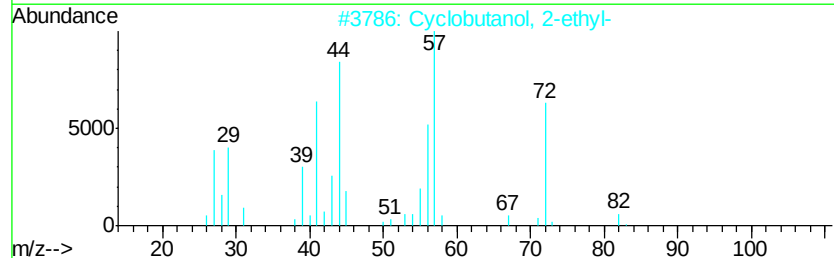
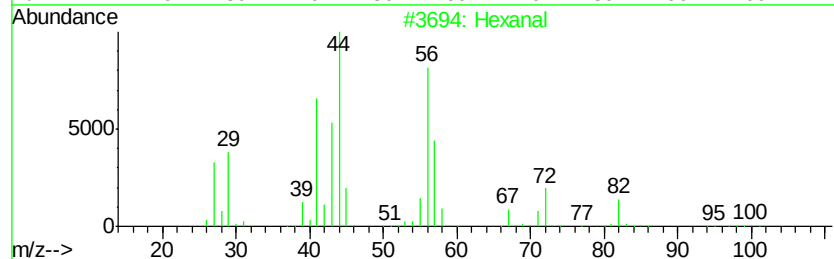
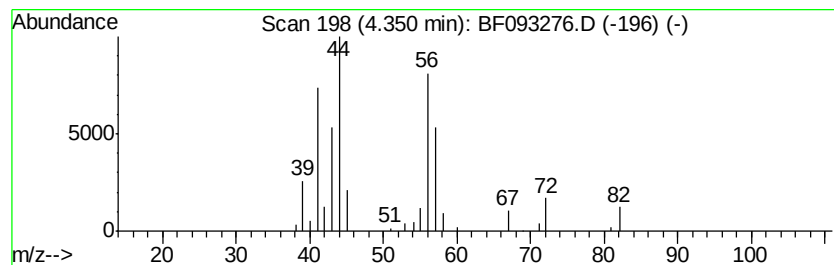
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Hexanal Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	3.16 ng	133467	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanal	100	C6H12O	000066-25-1	90
2			Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	64
3			2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	32
4			Cyclobutane, ethyl-	84	C6H12	004806-61-5	17
5			Pentane, 3-methyl-	86	C6H14	000096-14-0	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

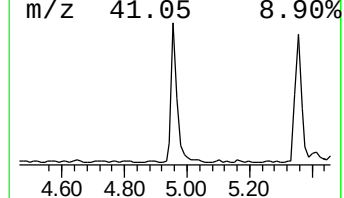
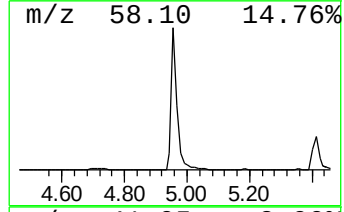
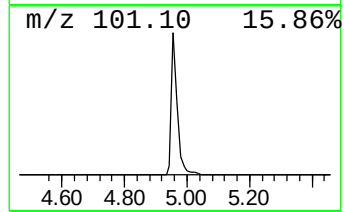
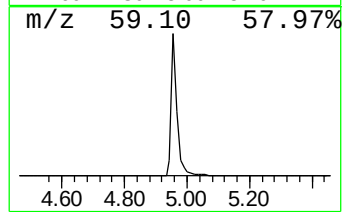
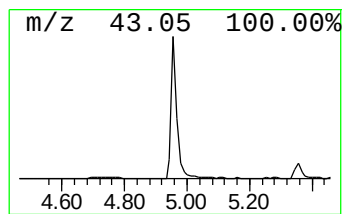
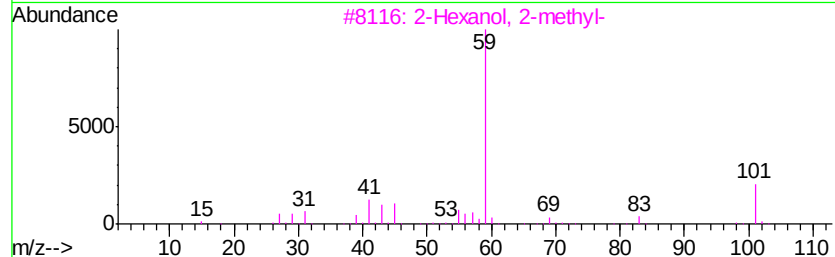
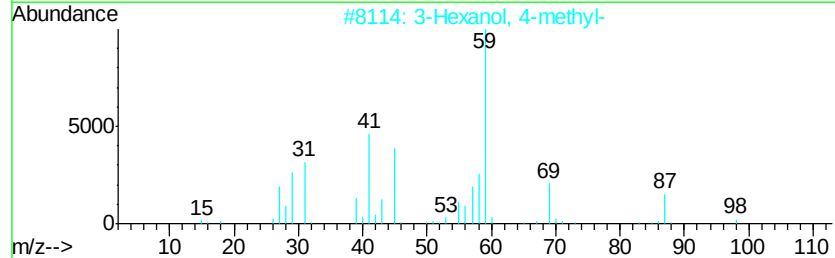
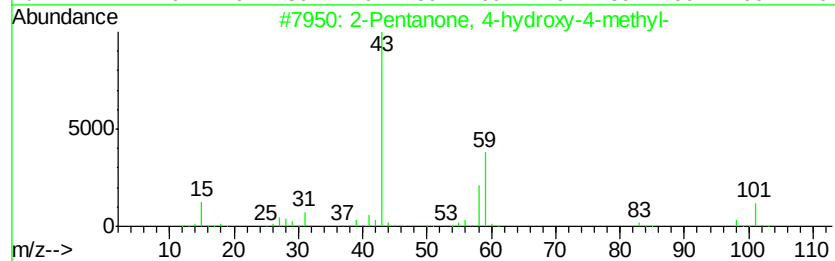
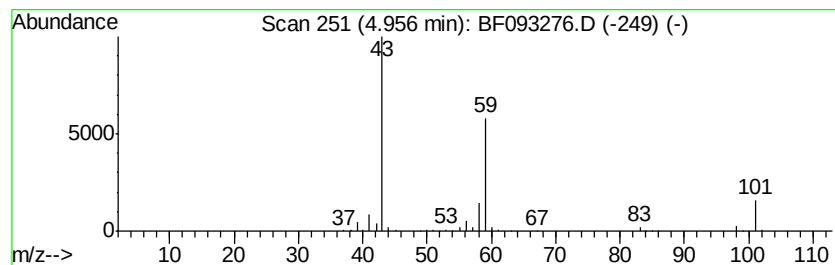
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	17.58 ng	741792	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

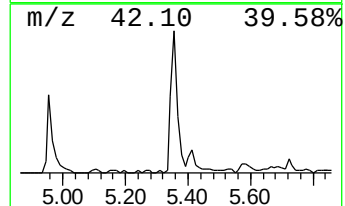
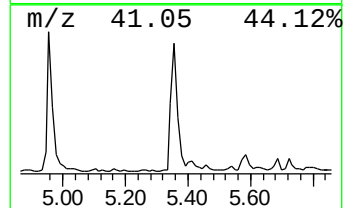
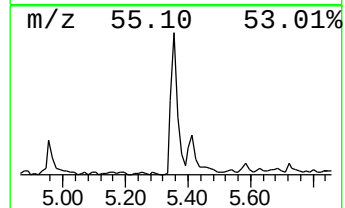
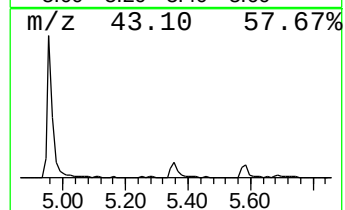
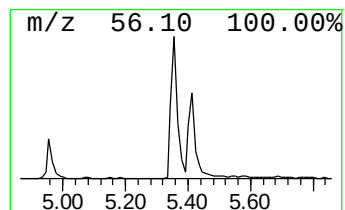
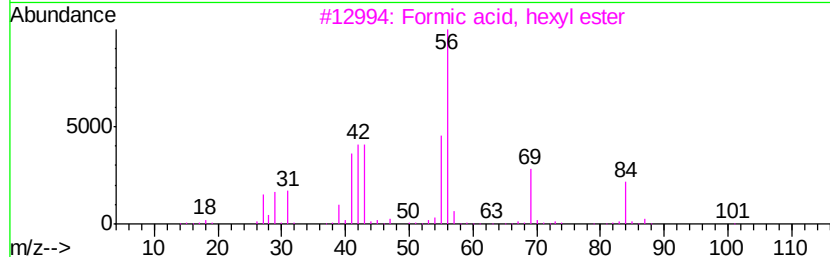
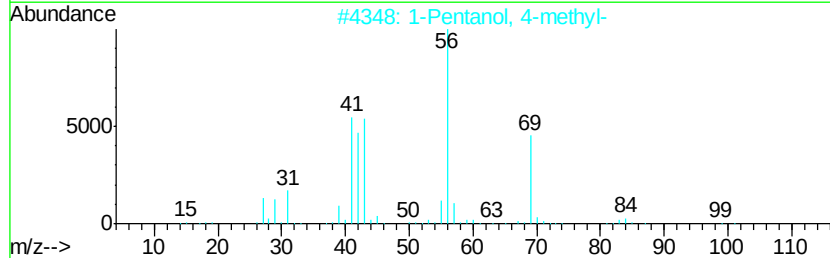
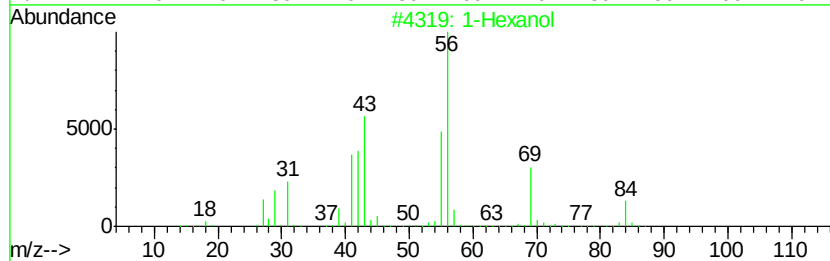
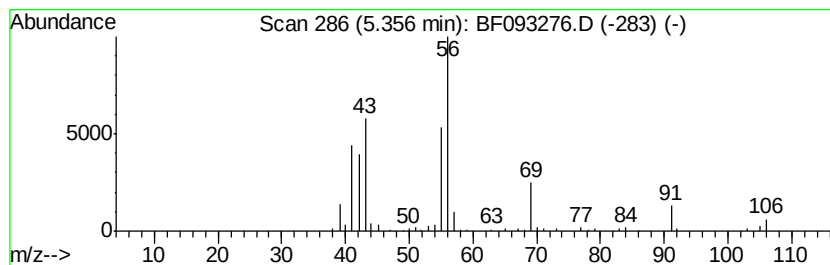
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1-Hexanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	7.25 ng	306112	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol	102	C6H14O	000111-27-3	72
2	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	59
3	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	56
4	1-Butanol	74	C4H10O	000071-36-3	39
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	36



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

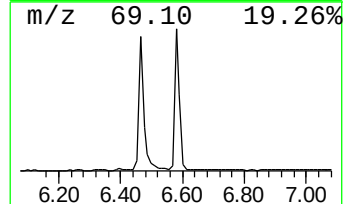
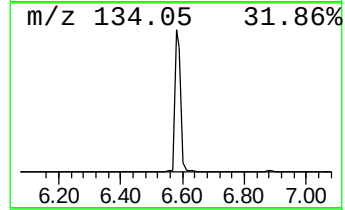
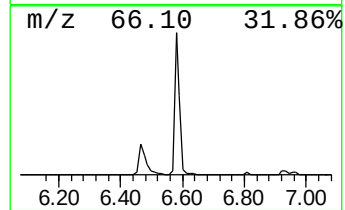
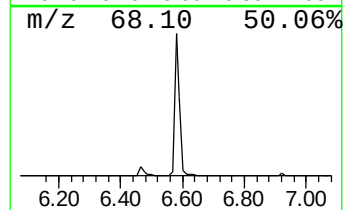
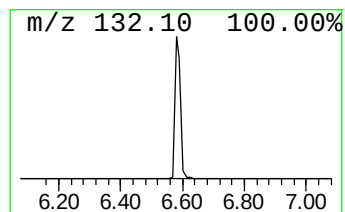
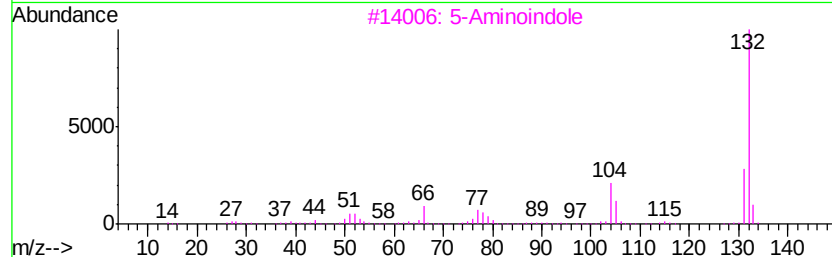
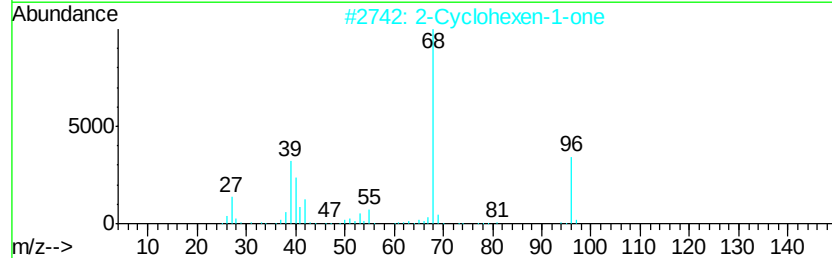
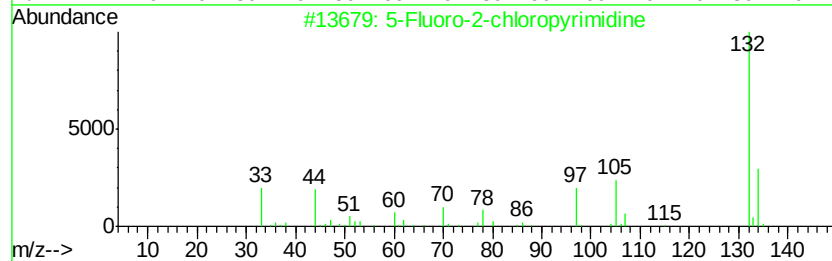
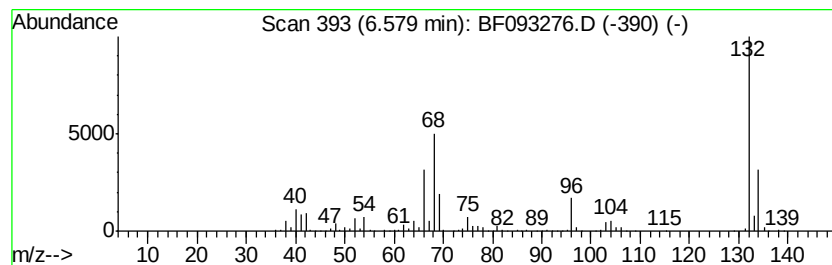
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.58 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	50.92 ng	2149070	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
3		5-Aminoindole	132	C8H8N2	005192-03-0	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		Limonene	136	C10H16	000138-86-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

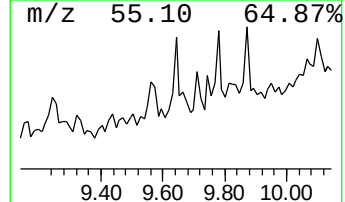
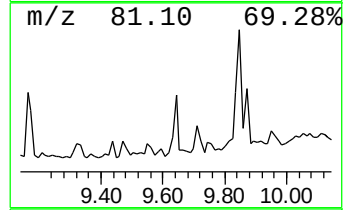
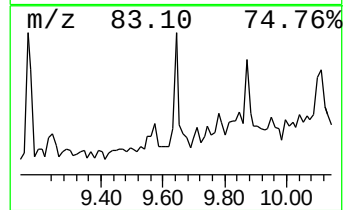
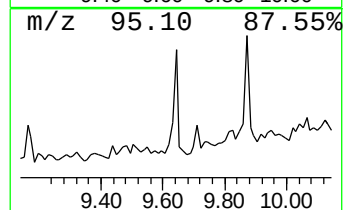
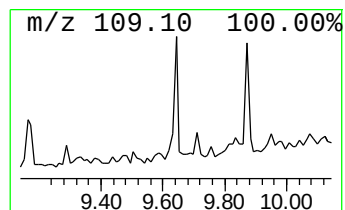
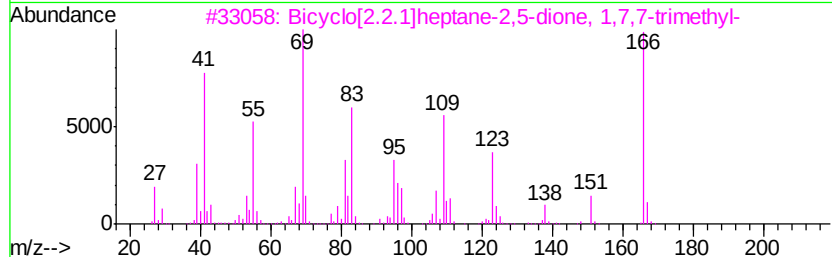
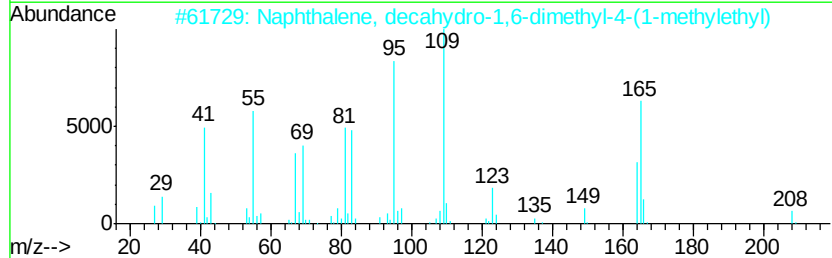
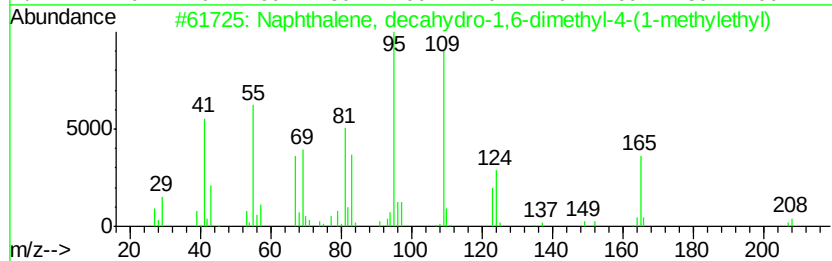
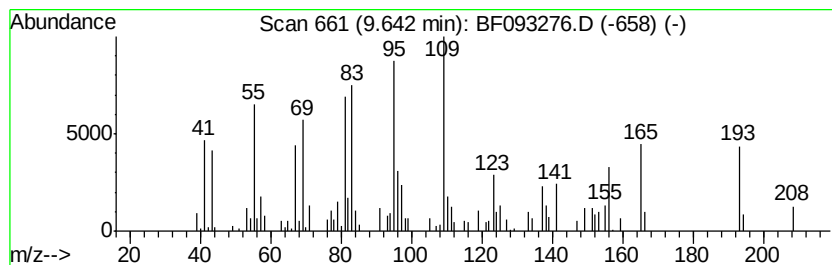
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, decahydro-1,6-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	2.45 ng	120822	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-1,6-dimet...	208	C15H28	034315-85-0	55
2		Naphthalene, decahydro-1,6-dimet...	208	C15H28	029788-41-8	50
3		Bicyclo[2.2.1]heptane-2,5-dione,...	166	C10H14O2	004230-32-4	38
4		Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	25
5		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

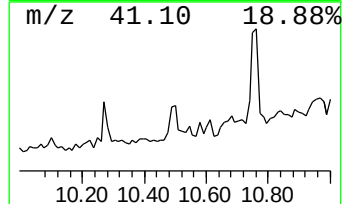
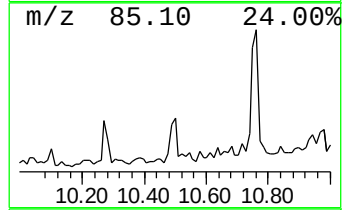
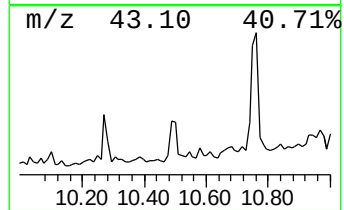
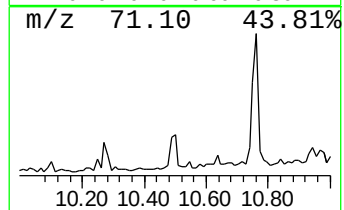
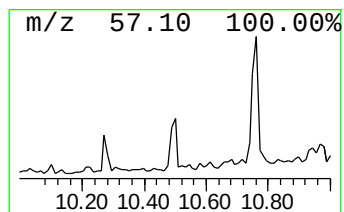
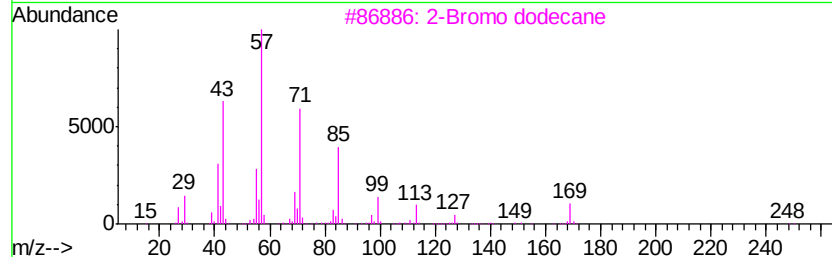
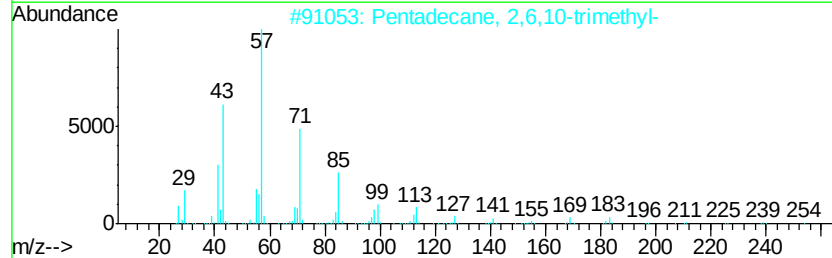
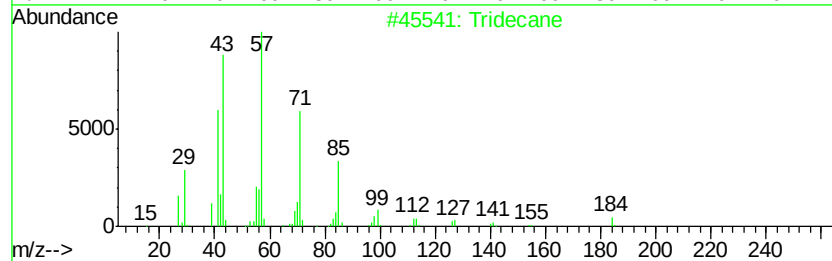
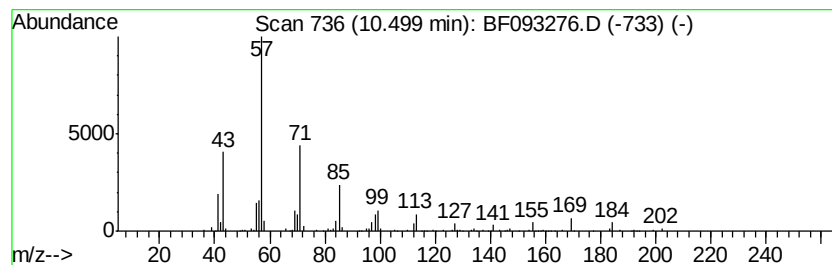
Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.50	4.44 ng	218844	Acenaphthene-d10		9.85
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4	Octacosane	394	C28H58	000630-02-4	72
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

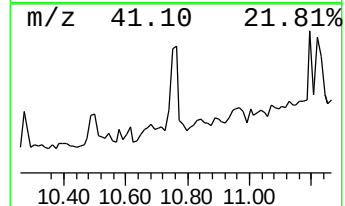
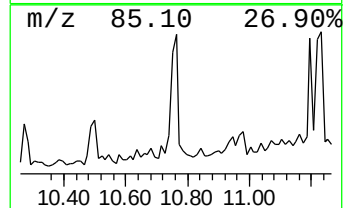
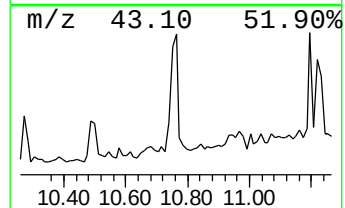
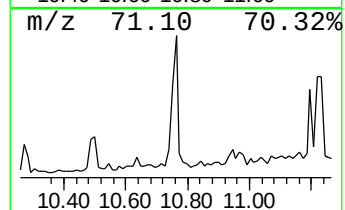
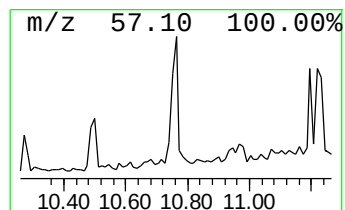
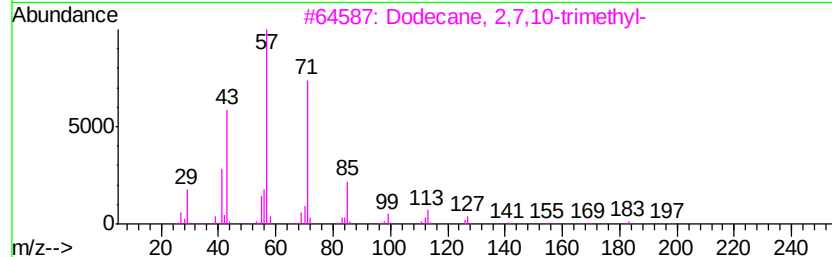
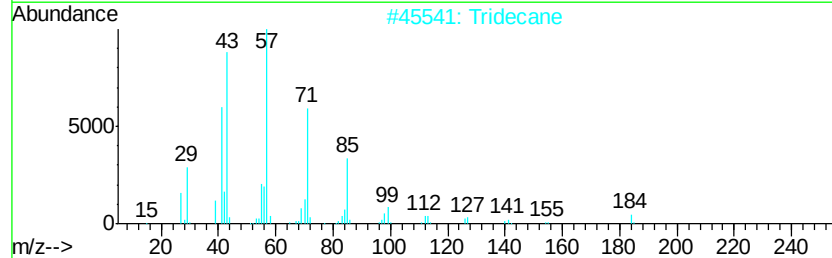
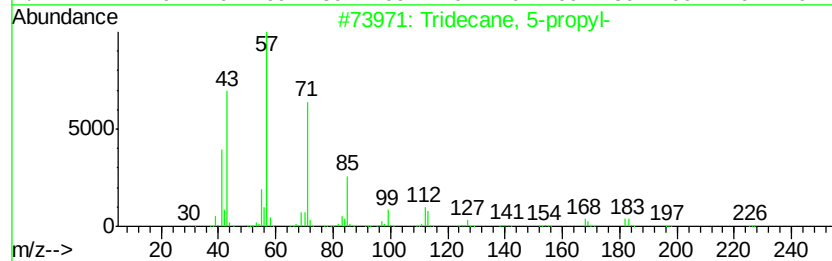
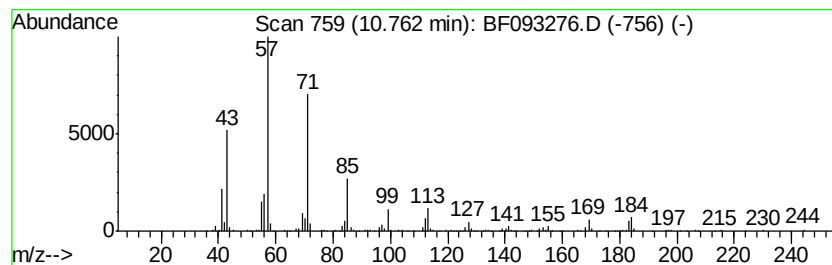
Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 5-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.76	11.52 ng	526969	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
2	Tridecane	184	C13H28	000629-50-5	80
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

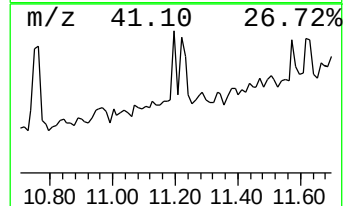
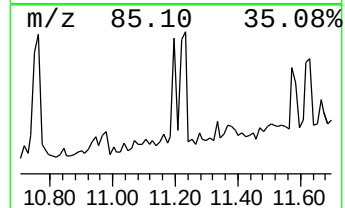
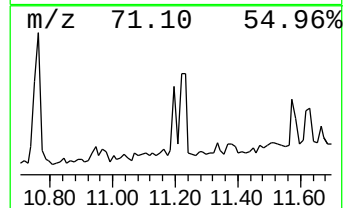
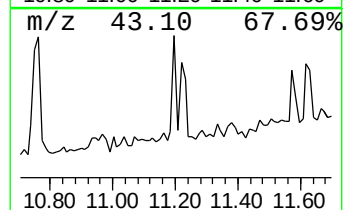
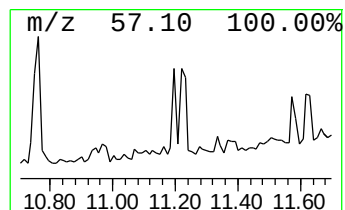
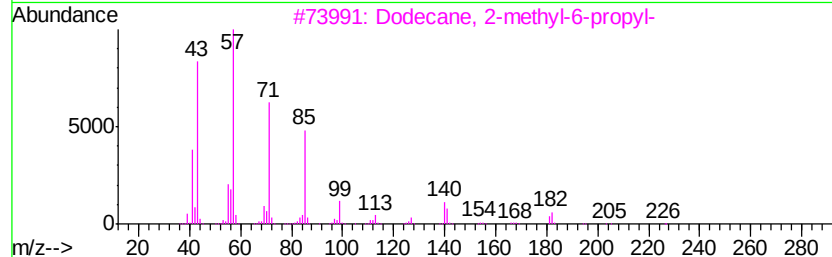
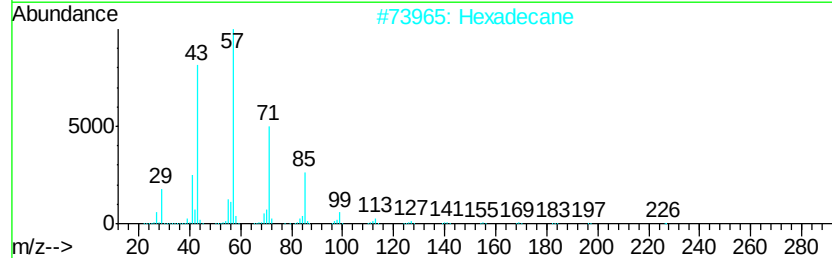
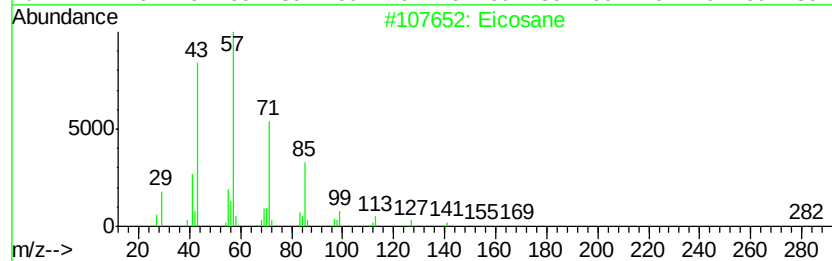
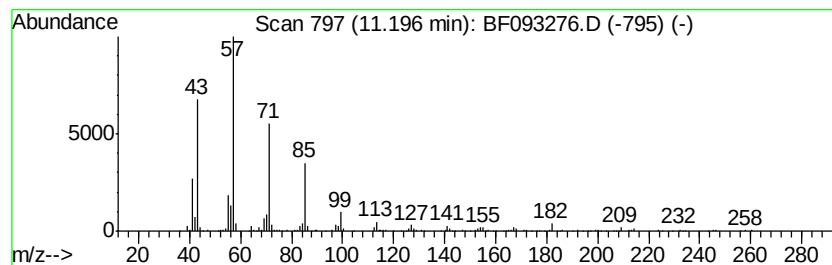
Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	4.46 ng	203929	Phenanthrene-d10	11.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	90
2	Hexadecane	226 C16H34	000544-76-3	86
3	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	80
4	2-Bromo dodecane	248 C12H25Br	013187-99-0	80
5	Tetradecane, 2-methyl-	212 C15H32	001560-95-8	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

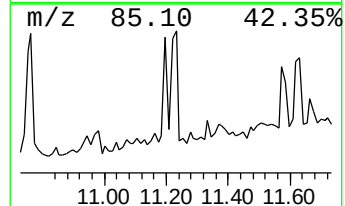
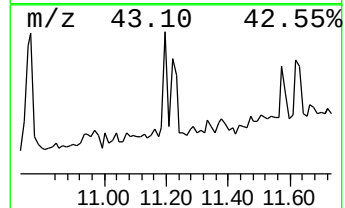
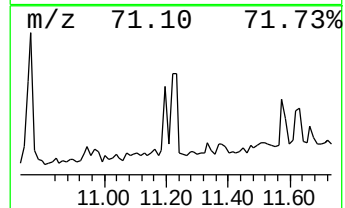
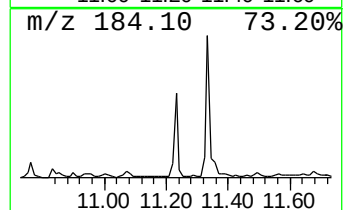
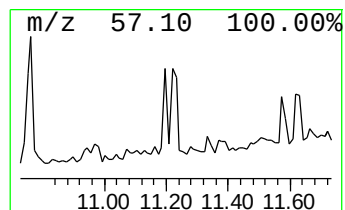
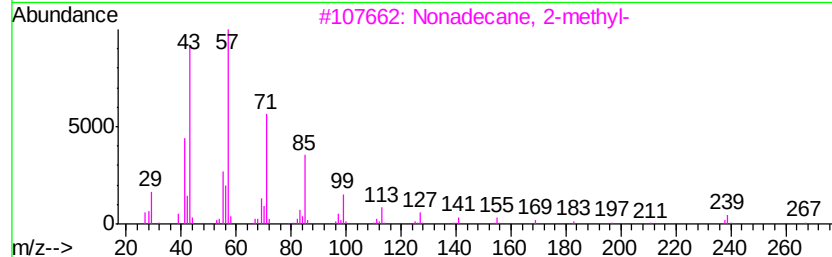
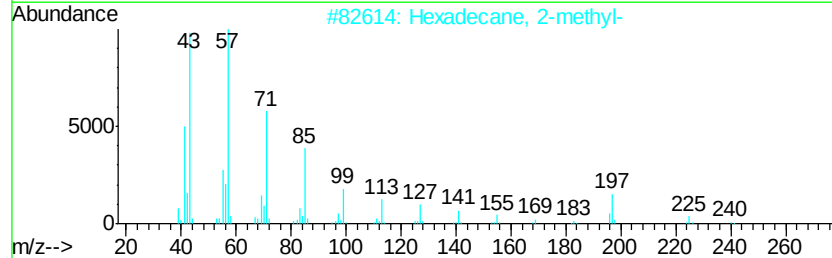
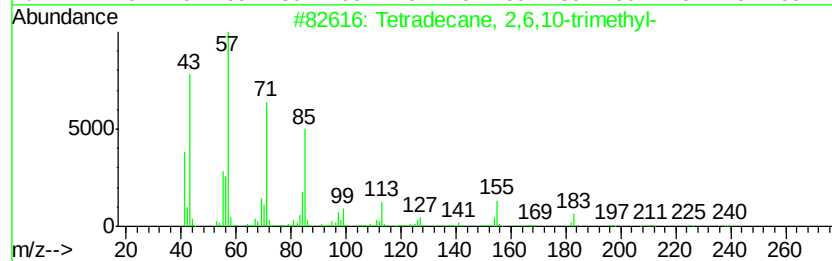
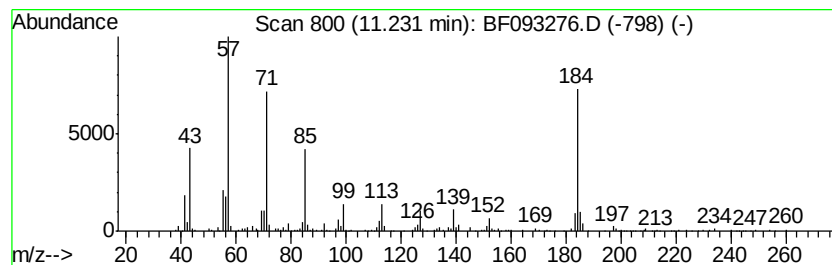
Instrument :
BNA_F
ClientSampled :
E2B15-BASE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.23	8.13 ng	371823	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	50
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	49
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	46
4	Octadecane	254	C18H38	000593-45-3	46
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

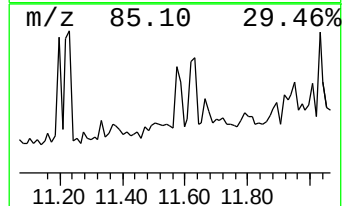
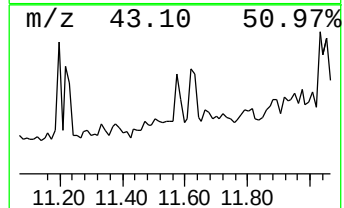
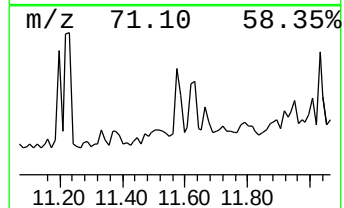
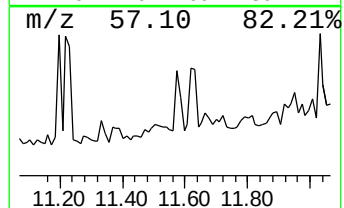
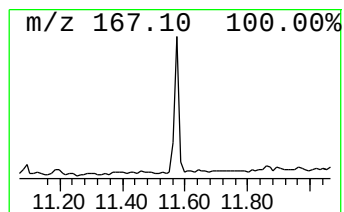
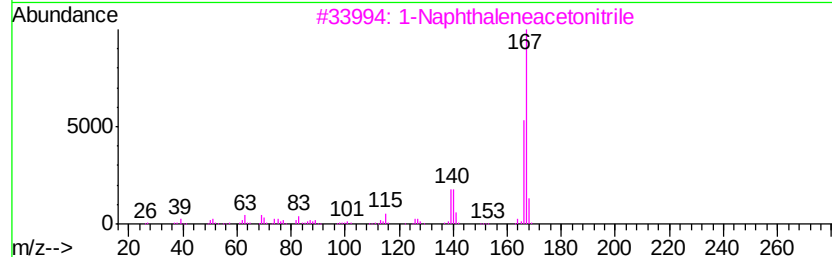
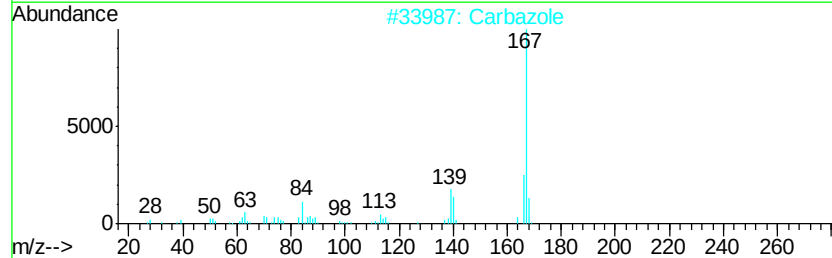
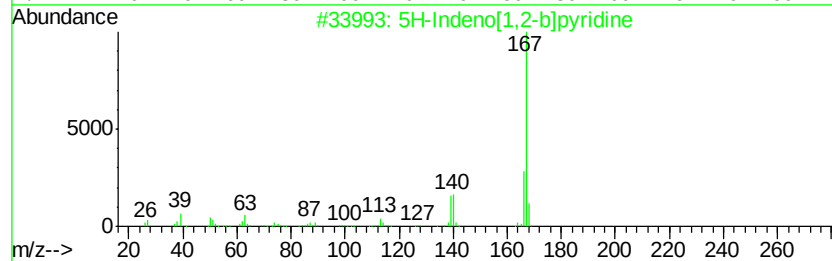
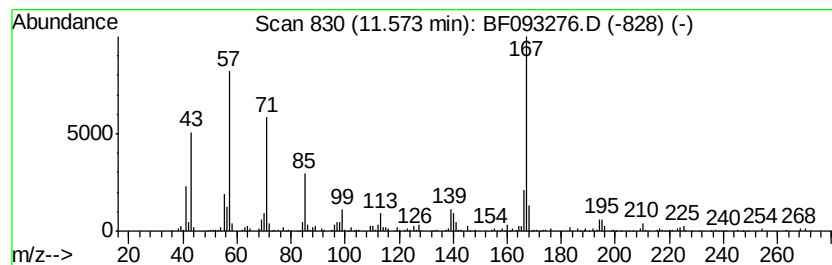
Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 5H-Indeno[1,2-b]pyridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.57	6.15 ng	281470	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	60
2	Carbazole	167	C12H9N	000086-74-8	49
3	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	46
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	42
5	Octadecane	254	C18H38	000593-45-3	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

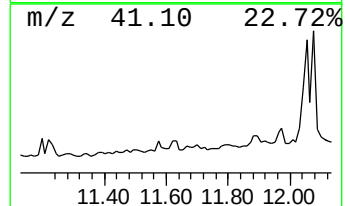
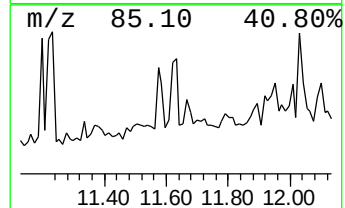
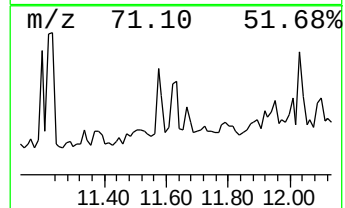
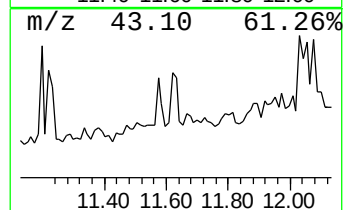
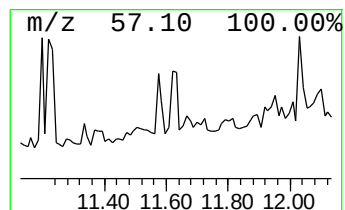
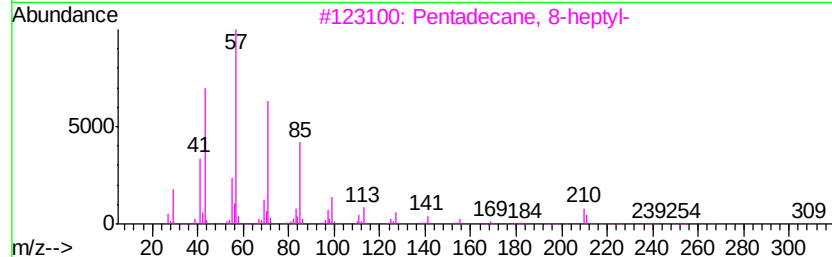
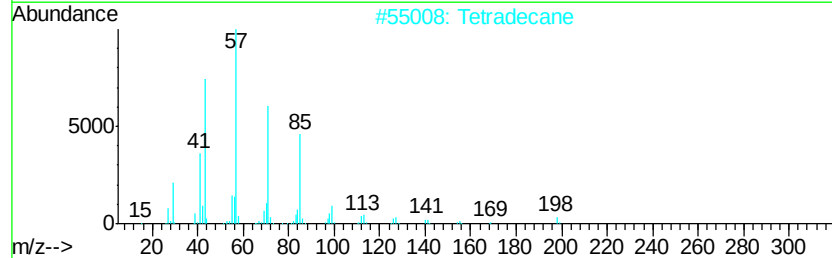
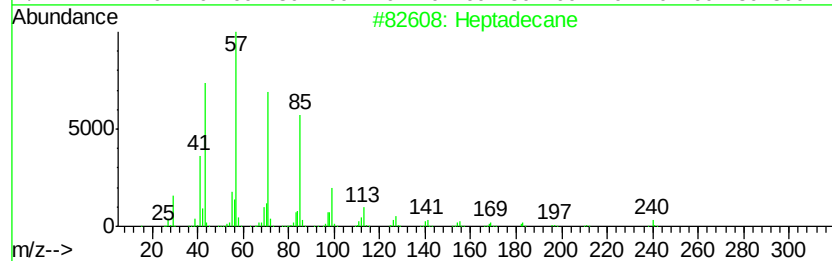
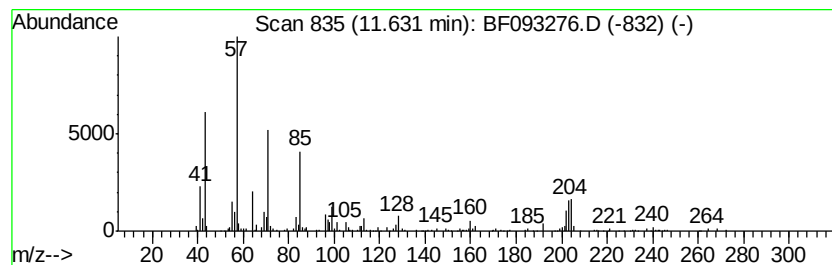
Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.63	5.09 ng	232926	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	78
2	Tetradecane	198	C14H30	000629-59-4	52
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	52
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	47
5	Octacosane	394	C28H58	000630-02-4	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

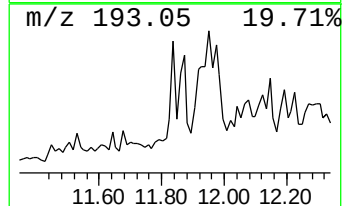
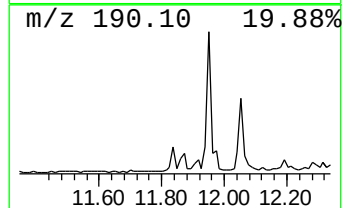
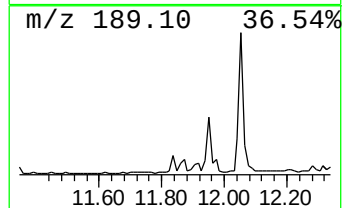
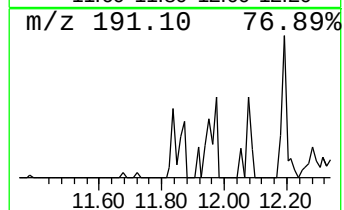
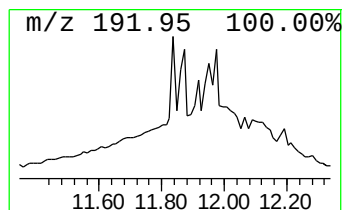
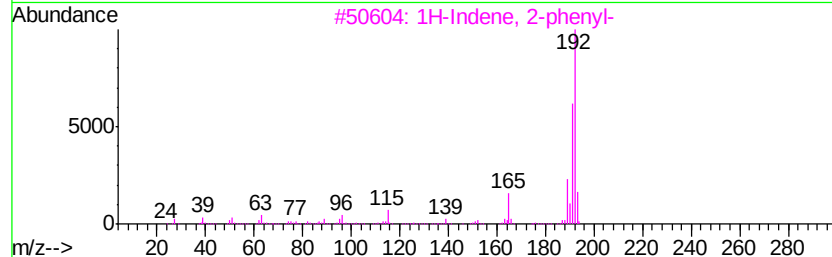
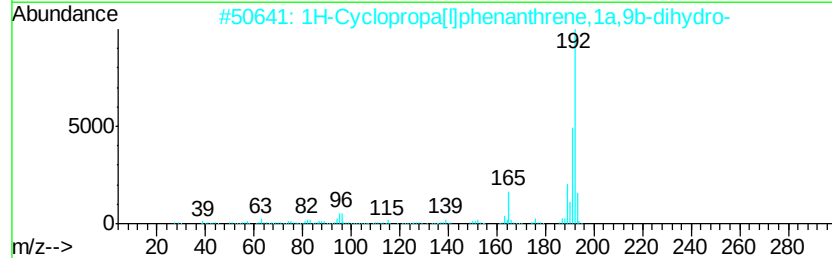
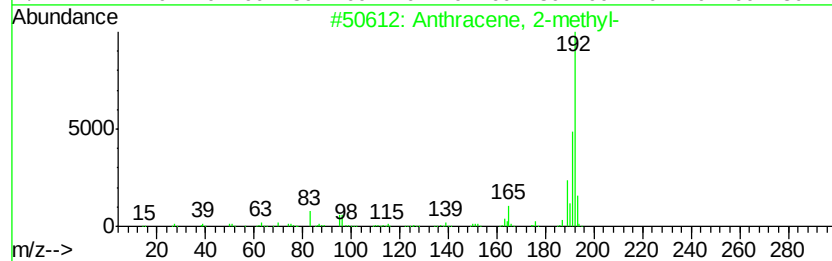
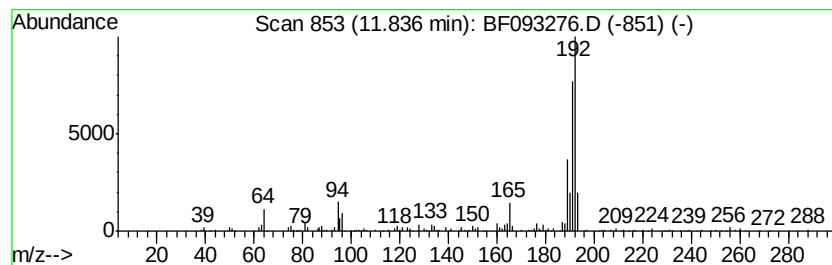
Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.84	3.51 ng	160752	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

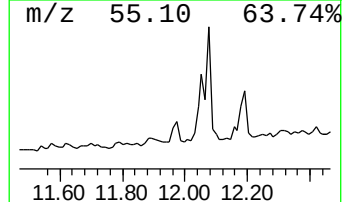
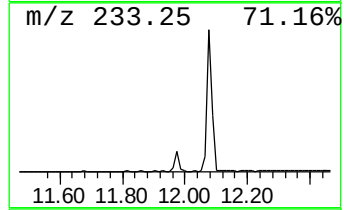
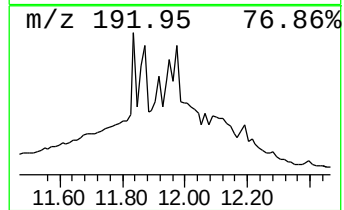
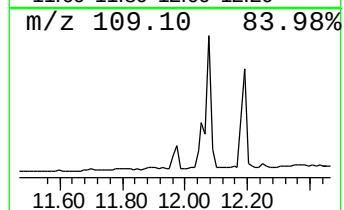
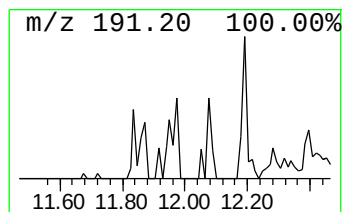
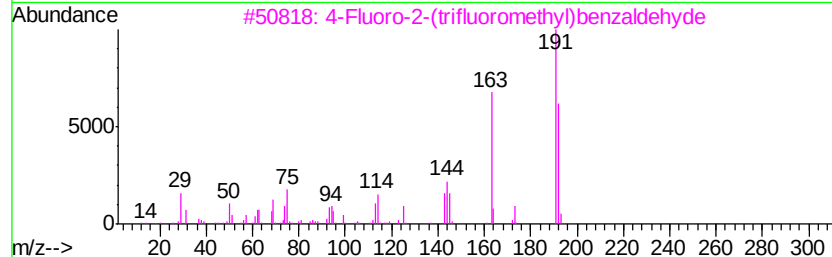
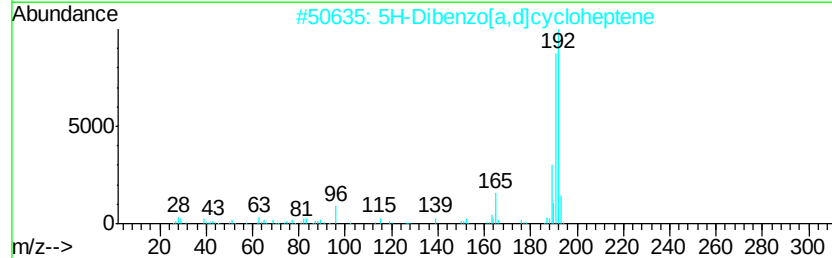
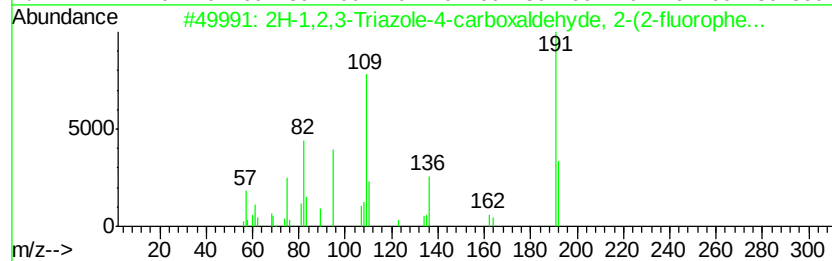
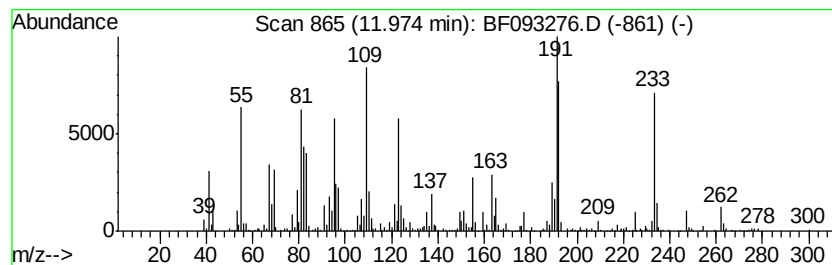
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown11.97 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	18.65 ng	853313	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	43
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3		4-Fluoro-2-(trifluoromethyl)benz...	192	C8H4F4O	090176-80-0	30
4		Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	30
5		4-Fluoro-3-(trifluoromethyl)benz...	192	C8H4F4O	067515-60-0	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

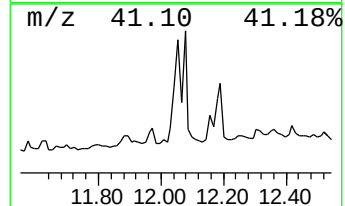
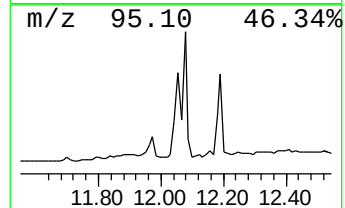
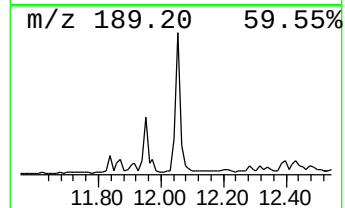
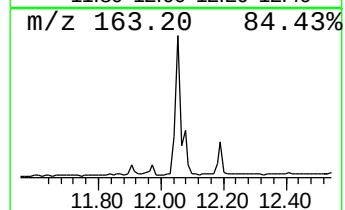
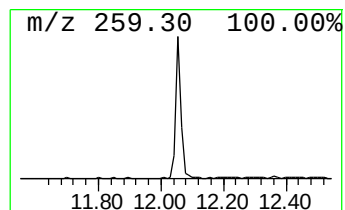
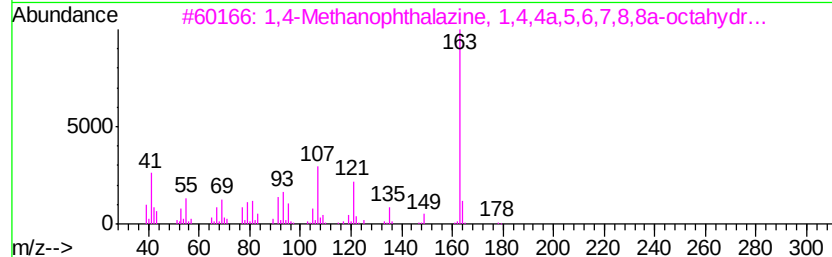
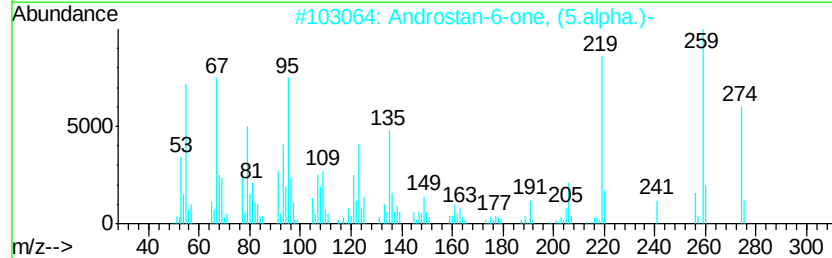
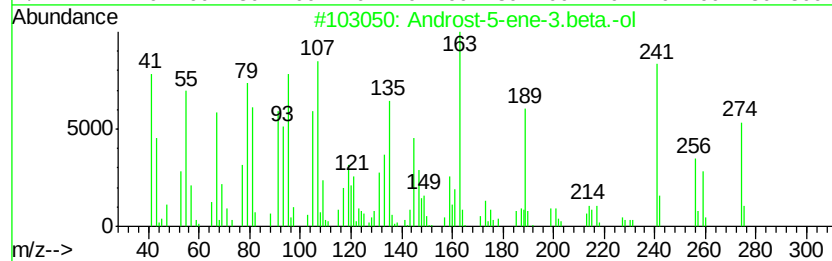
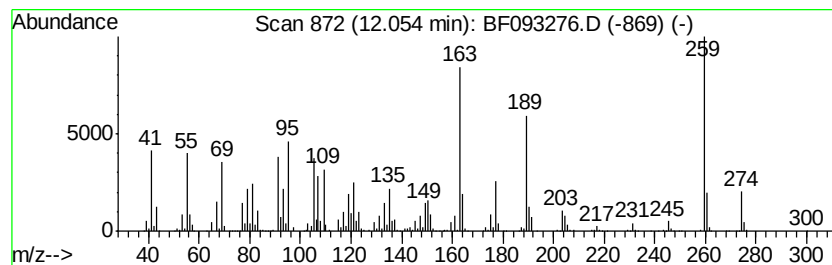
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown12.05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	69.25 ng	3167540	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Androst-5-ene-3.beta.-ol	274	C19H30O	001476-64-8	44
2		Androstan-6-one, (5.alpha.)-	274	C19H30O	003676-06-0	32
3		1,4-Methanophthalazine, 1,4,4a,5...	206	C13H22N2	109746-14-7	14
4		1-(p-Tolyl)benz[cd]indol-2(1H)-one	259	C18H13NO	001710-21-0	14
5		Benz[a]anthracen-7(12H)-one, 12-...	274	C19H14O2	017513-39-2	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

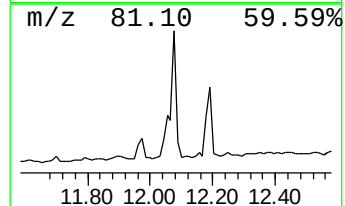
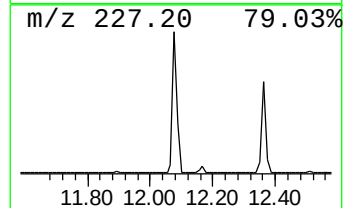
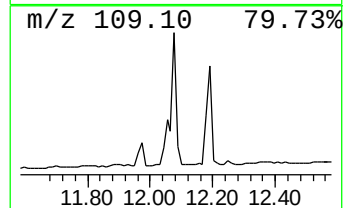
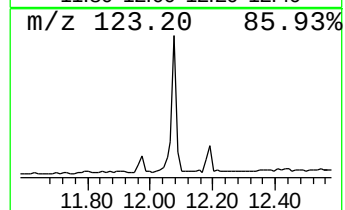
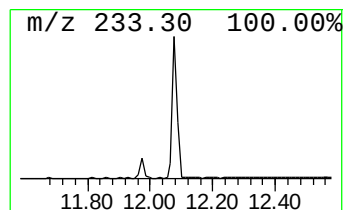
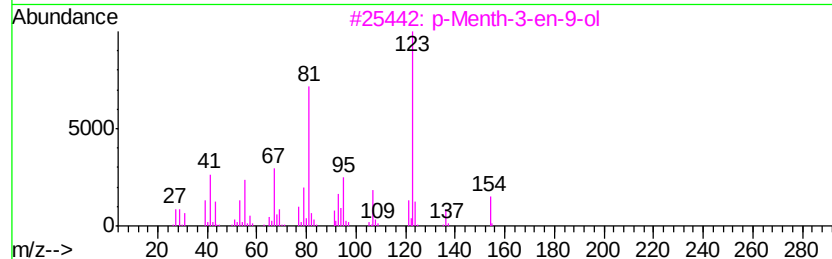
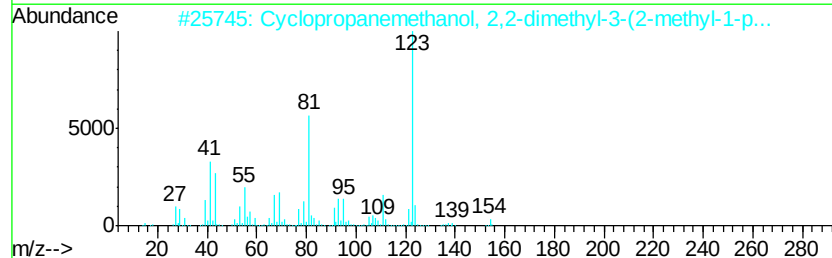
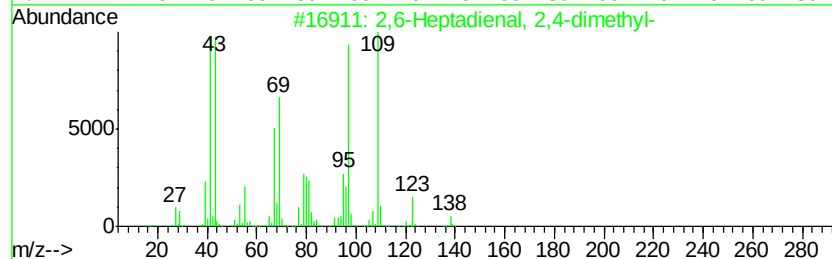
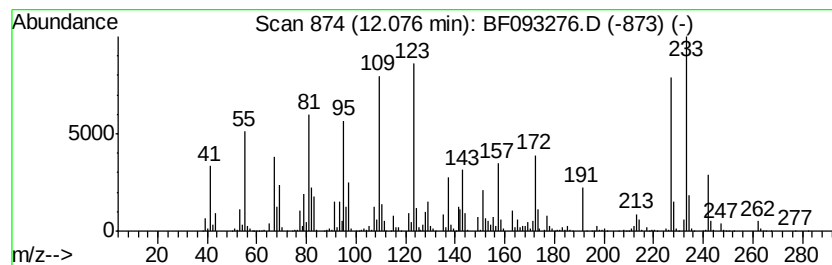
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	64.67 ng	2958320	Phenanthrene-d10	11.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	15		
2	Cyclopropanemethanol, 2,2-dimeth...	154	C10H18O	005617-92-5	15		
3	p-Menth-3-en-9-ol	154	C10H18O	015714-10-0	15		
4	Bicyclo[3.1.1]hept-3-en-2-ol, 4,...	152	C10H16O	000473-67-6	11		
5	Methyl 4-fluorobenzoate	154	C8H7FO2	000403-33-8	11		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

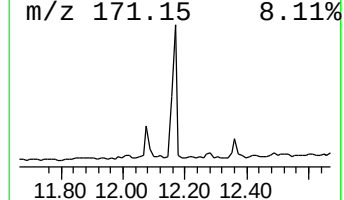
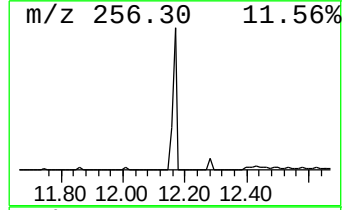
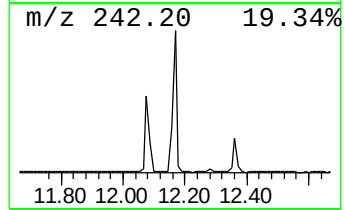
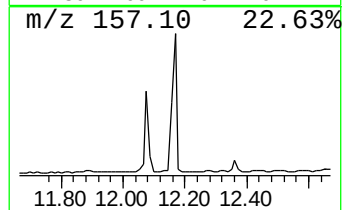
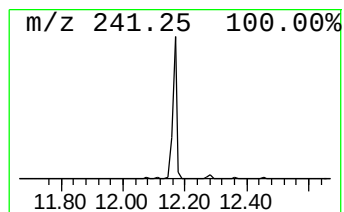
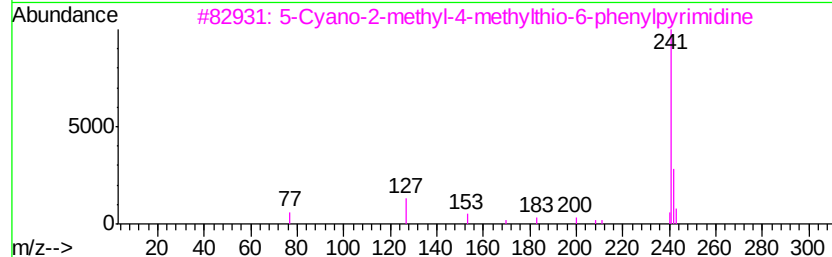
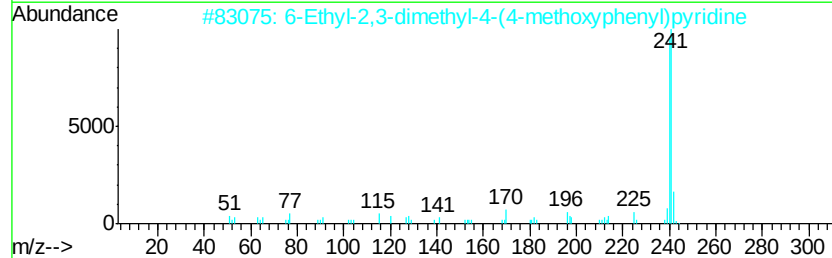
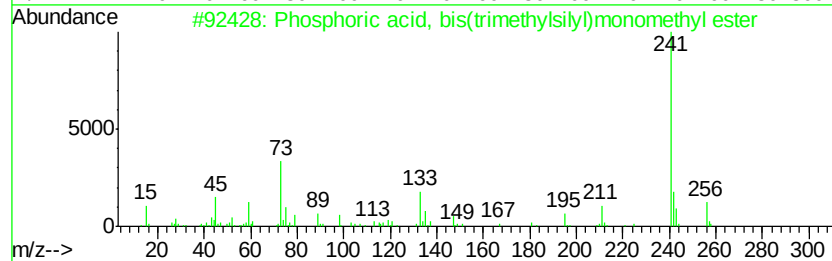
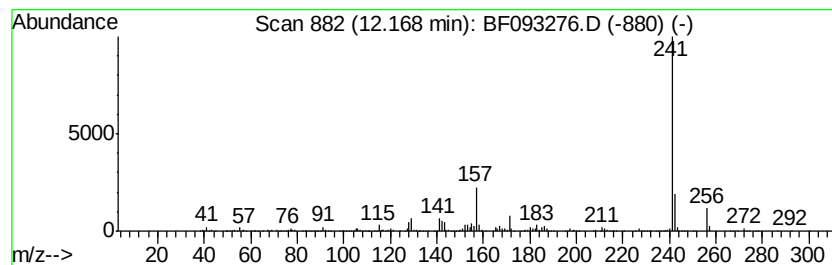
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phosphoric acid, bis(trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	69.68 ng	3187580	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphoric acid, bis(trimethylsi...	256	C7H2104PSi2	018291-81-1	64
2		6-Ethyl-2,3-dimethyl-4-(4-methox...	241	C16H19NO	073669-45-1	40
3		5-Cyano-2-methyl-4-methylthio-6-...	241	C13H11N3S	068364-38-5	40
4		1-Chloro-2-tripropyl-silyloxyben...	284	C15H25ClOSi	1000292-68-4	39
5		1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

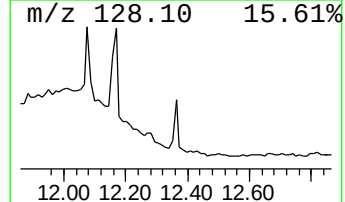
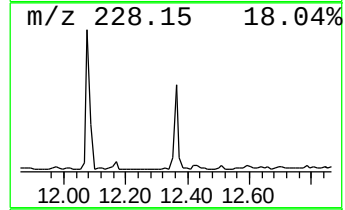
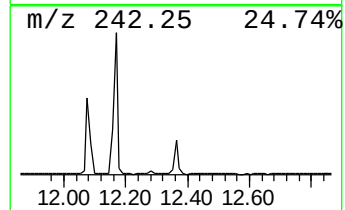
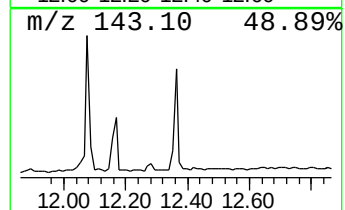
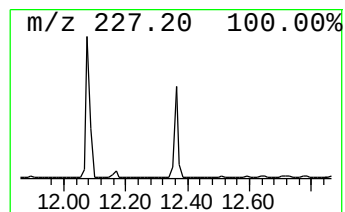
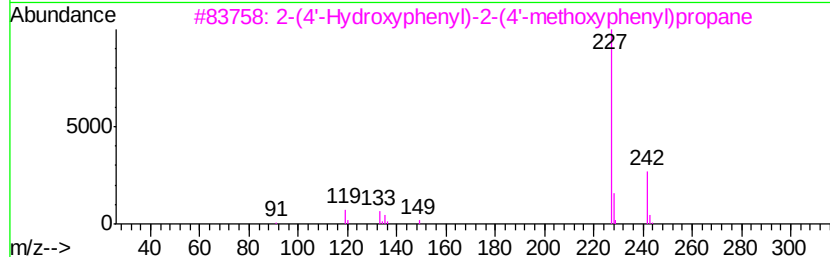
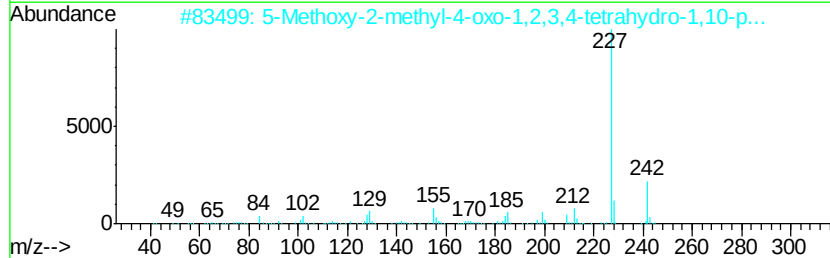
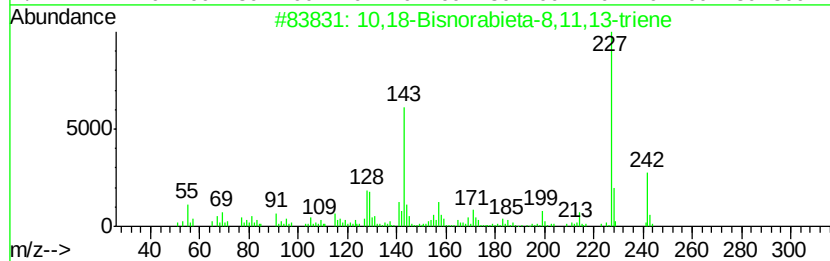
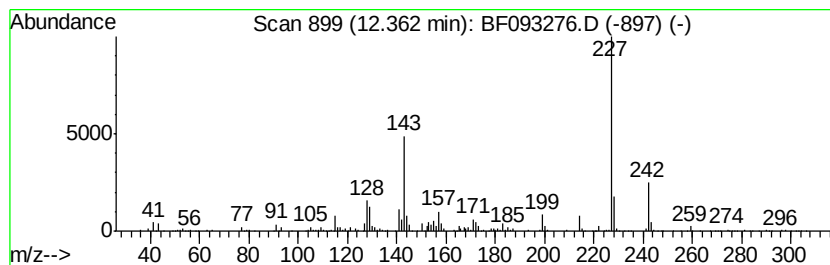
Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 10,18-Bisnorabieta-8,11,13-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.36	6.95 ng	317968	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	96
2	5-Methoxy-2-methyl-4-oxo-1,2,3,4...	242	C14H14N2O2	1000227-06-0	47
3	2-(4'-Hydroxyphenyl)-2-(4'-metho...	242	C16H18O2	016530-58-8	43
4	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	43
5	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	000084-79-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093276.D
Acq On : 1 Mar 2017 6:25
Operator : SJ/MA
Sample : I1972-02 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

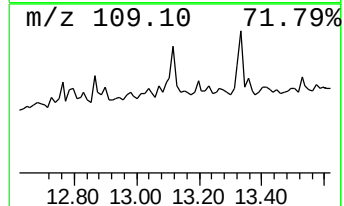
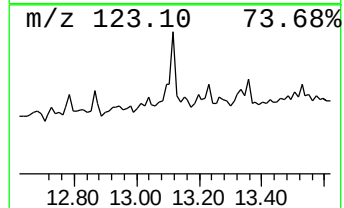
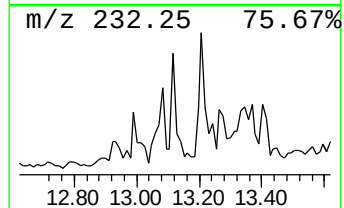
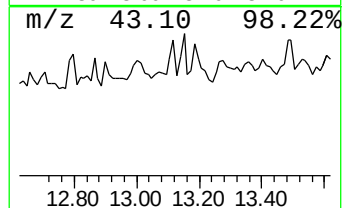
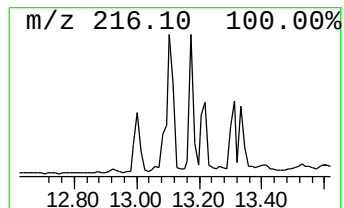
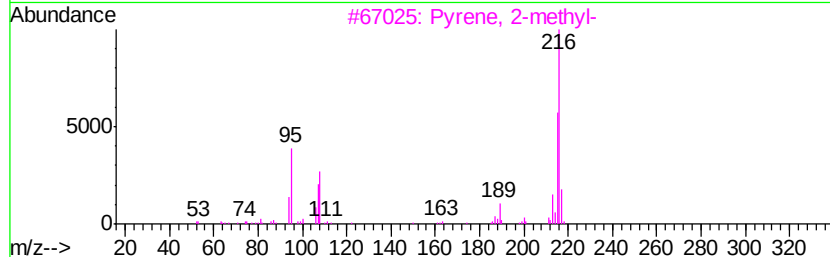
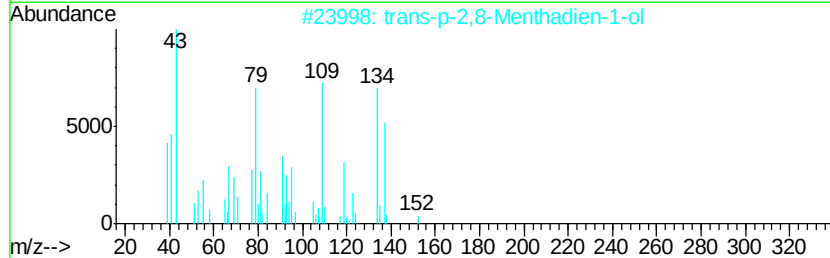
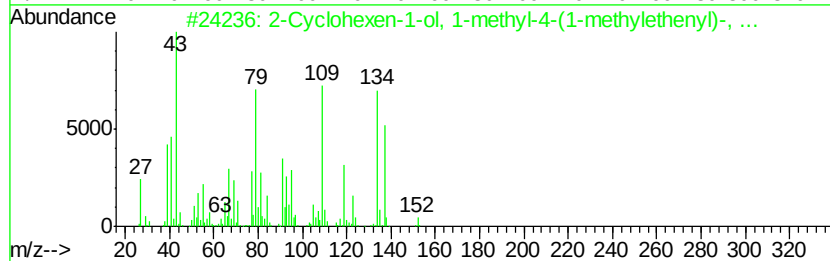
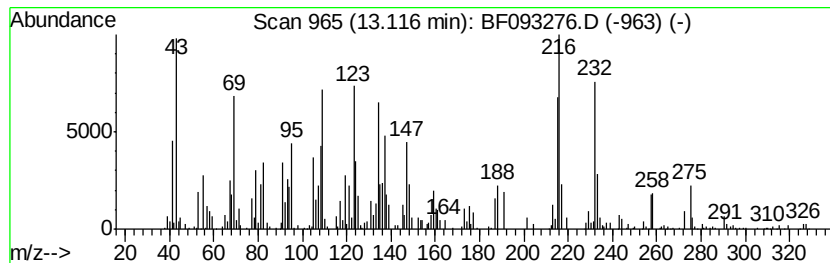
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown13.12 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	6.07 ng	462194	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclohexen-1-ol, 1-methyl-4-(1...	152	C10H16O	007212-40-0	25
2		trans-p-2,8-Menthadien-1-ol	152	C10H16O	1000122-21-1	25
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	25
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	25
5		2-[3-Pyridyl]methylene-3-quinucl...	216	C13H16N2O	273748-56-4	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
 Data File : BF093276.D
 Acq On : 1 Mar 2017 6:25
 Operator : SJ/MA
 Sample : I1972-02 2X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2B15-BASE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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
Hexanal	4.35	3.2	ng	133467	1	6.81	844024	20.0
2-Pentanone, 4-hy...	4.96	17.6	ng	741792	1	6.81	844024	20.0
1-Hexanol	5.36	7.3	ng	306112	1	6.81	844024	20.0
unknown6.58	6.58	50.9	ng	2149070	1	6.81	844024	20.0
Naphthalene, deca...	9.64	2.5	ng	120822	3	9.85	985704	20.0
Tridecane	10.50	4.4	ng	218844	3	9.85	985704	20.0
Tridecane, 5-propyl-	10.76	11.5	ng	526969	4	11.33	914862	20.0
Eicosane	11.20	4.5	ng	203929	4	11.33	914862	20.0
Tetradecane, 2,6,...	11.23	8.1	ng	371823	4	11.33	914862	20.0
5H-Indeno[1,2-b]p...	11.57	6.2	ng	281470	4	11.33	914862	20.0
Heptadecane	11.63	5.1	ng	232926	4	11.33	914862	20.0
Anthracene, 2-met...	11.84	3.5	ng	160752	4	11.33	914862	20.0
unknown11.97	11.97	18.6	ng	853313	4	11.33	914862	20.0
unknown12.05	12.05	69.3	ng	3167540	4	11.33	914862	20.0
unknown12.08	12.08	64.7	ng	2958320	4	11.33	914862	20.0
Phosphoric acid, ...	12.17	69.7	ng	3187580	4	11.33	914862	20.0
10,18-Bisnorabiet...	12.36	7.0	ng	317968	4	11.33	914862	20.0
unknown13.12	13.12	6.1	ng	462194	5	13.99	1524090	20.0