

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF082030.D
 Acq On : 3 Oct 2015 19:26
 Operator : UM/IZ
 Sample : G3867-04
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-10.0-092915

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-BF092815.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	5.074	253	257	269	rVB	754315	1261695	52.61%	4.314%
2	5.486	290	293	295	rBV	1858364	2398279	100.00%	8.201%
3	6.514	380	383	385	rBV	2008430	2121317	88.45%	7.254%
4	6.651	392	395	397	rBV	2414258	2324163	96.91%	7.947%
5	6.880	413	415	418	rBV	377638	487857	20.34%	1.668%
6	7.040	427	429	431	rBV	1765433	1520661	63.41%	5.200%
7	7.417	459	462	463	rBV	37643	38865	1.62%	0.133%
8	7.452	463	465	470	rVV	1338633	1363476	56.85%	4.662%
9	7.532	470	472	473	rVB	23574	27536	1.15%	0.094%
10	7.657	479	483	485	rBV	39866	44145	1.84%	0.151%
11	7.909	503	505	507	rBV	90449	91643	3.82%	0.313%
12	8.172	524	528	531	rBV	777332	786467	32.79%	2.689%
13	8.217	531	532	534	rVB2	54965	63828	2.66%	0.218%
14	8.366	543	545	548	rVB	54386	51125	2.13%	0.175%
15	8.412	548	549	551	rBV	19102	32205	1.34%	0.110%
16	8.446	551	552	555	rVB3	39713	50997	2.13%	0.174%
17	8.549	560	561	563	rBV	41659	54234	2.26%	0.185%
18	8.595	563	565	567	rBV2	39376	68475	2.86%	0.234%
19	8.640	567	569	570	rVB	35591	40528	1.69%	0.139%
20	8.675	570	572	574	rBV	64202	68913	2.87%	0.236%
21	8.755	578	579	581	rBV2	31955	46634	1.94%	0.159%
22	8.800	581	583	584	rVV2	27257	36591	1.53%	0.125%
23	8.835	584	586	589	rVV3	56102	88280	3.68%	0.302%
24	8.880	589	590	592	rVV	70617	80473	3.36%	0.275%
25	8.983	595	599	604	rBV	368896	430315	17.94%	1.471%
26	9.120	609	611	613	rBV2	53102	62554	2.61%	0.214%
27	9.189	615	617	620	rBV2	96604	109656	4.57%	0.375%
28	9.246	620	622	625	rBV	1253362	1762350	73.48%	6.026%
29	9.326	627	629	631	rBV	19518	30074	1.25%	0.103%
30	9.372	631	633	634	rBV	27043	35406	1.48%	0.121%
31	9.395	634	635	637	rVB2	43240	47331	1.97%	0.162%
32	9.452	637	640	643	rVB2	44338	74310	3.10%	0.254%
33	9.520	643	646	648	rBV	136100	201630	8.41%	0.689%
34	9.589	649	652	653	rBV	270083	280450	11.69%	0.959%

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35	9.646	655	657	661 rVB	262959	281672	11.74%	0.963%
36	9.703	661	662	667 rVB	107111	172681	7.20%	0.590%
37	9.795	667	670	672 rBV2	61607	83864	3.50%	0.287%
38	9.840	672	674	675 rBV	26251	27641	1.15%	0.095%
39	9.932	678	682	684 rBV	926673	917201	38.24%	3.136%
40	10.035	689	691	693 rVB	71927	83493	3.48%	0.285%
41	10.080	693	695	697 rBV3	27355	36912	1.54%	0.126%
42	10.126	697	699	702 rBV2	72232	123761	5.16%	0.423%
43	10.172	702	703	708 rVB3	90458	127304	5.31%	0.435%
44	10.252	708	710	711 rBV	78436	108827	4.54%	0.372%
45	10.355	716	719	721 rVB2	54447	115112	4.80%	0.394%
46	10.423	723	725	727 rVB2	26775	30024	1.25%	0.103%
47	10.480	727	730	731 rBV3	41450	70425	2.94%	0.241%
48	10.549	735	736	737 rBV	44069	31463	1.31%	0.108%
49	10.583	737	739	741 rVB2	127133	152772	6.37%	0.522%
50	10.629	741	743	746 rVB4	29744	57372	2.39%	0.196%
51	10.720	749	751	754 rBV2	1245229	1570919	65.50%	5.372%
52	10.846	760	762	766 rVB	242328	282728	11.79%	0.967%
53	10.938	766	770	772 rBV3	58674	112487	4.69%	0.385%
54	11.029	775	778	779 rBV2	37357	49331	2.06%	0.169%
55	11.063	779	781	782 rBV	58211	61784	2.58%	0.211%
56	11.178	789	791	794 rVB3	28900	43196	1.80%	0.148%
57	11.281	798	800	801 rVV2	29158	42761	1.78%	0.146%
58	11.315	801	803	806 rVB	143764	163526	6.82%	0.559%
59	11.418	810	812	820 rBV	555609	943229	39.33%	3.225%
60	11.532	820	822	826 rVV5	31792	72879	3.04%	0.249%
61	11.646	830	832	836 rVV3	129694	225934	9.42%	0.773%
62	11.715	836	838	839 rVV	49460	49384	2.06%	0.169%
63	11.749	839	841	847 rVB7	19351	48531	2.02%	0.166%
64	11.921	854	856	857 rBV	22274	28483	1.19%	0.097%
65	11.966	857	860	862 rVV2	274182	403268	16.81%	1.379%
66	12.035	865	866	870 rVB2	43725	60473	2.52%	0.207%
67	12.126	872	874	876 rBV	56014	63504	2.65%	0.217%
68	12.401	897	898	902 rVV3	27782	43029	1.79%	0.147%
69	12.469	902	904	918 rVB	1019811	1244795	51.90%	4.256%
70	12.641	918	919	921 rBV	74367	57037	2.38%	0.195%
71	12.744	926	928	931 rVB	56721	60499	2.52%	0.207%

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72	12.835	934	936	937 rBV	137024	109536	4.57%	0.375%
73	12.869	937	939	940 rBV	31319	26923	1.12%	0.092%
74	12.904	940	942	946 rVB4	49129	113404	4.73%	0.388%
75	13.018	949	952	954 rBV	2280771	2284160	95.24%	7.810%
76	13.246	969	972	973 rBV	36835	56047	2.34%	0.192%
77	13.464	989	991	993 rBV	135933	123316	5.14%	0.422%
78	13.544	996	998	1000 rVV2	94252	107575	4.49%	0.368%
79	13.589	1000	1002	1003 rVB2	36319	32233	1.34%	0.110%
80	13.921	1028	1031	1039 rBV	170027	328977	13.72%	1.125%
81	14.069	1041	1044	1051 rVV	804259	939672	39.18%	3.213%
82	14.241	1057	1059	1061 rBV	24481	33847	1.41%	0.116%
83	14.538	1083	1085	1088 rBV2	27414	52270	2.18%	0.179%
84	14.847	1108	1112	1115 rBV2	28499	47316	1.97%	0.162%
85	14.927	1116	1119	1121 rVB	39401	55062	2.30%	0.188%
86	15.109	1132	1135	1140 rBV	13805	33871	1.41%	0.116%
87	15.532	1169	1172	1186 rVB	405395	643899	26.85%	2.202%
88	16.070	1216	1219	1222 rBV4	9450	25911	1.08%	0.089%

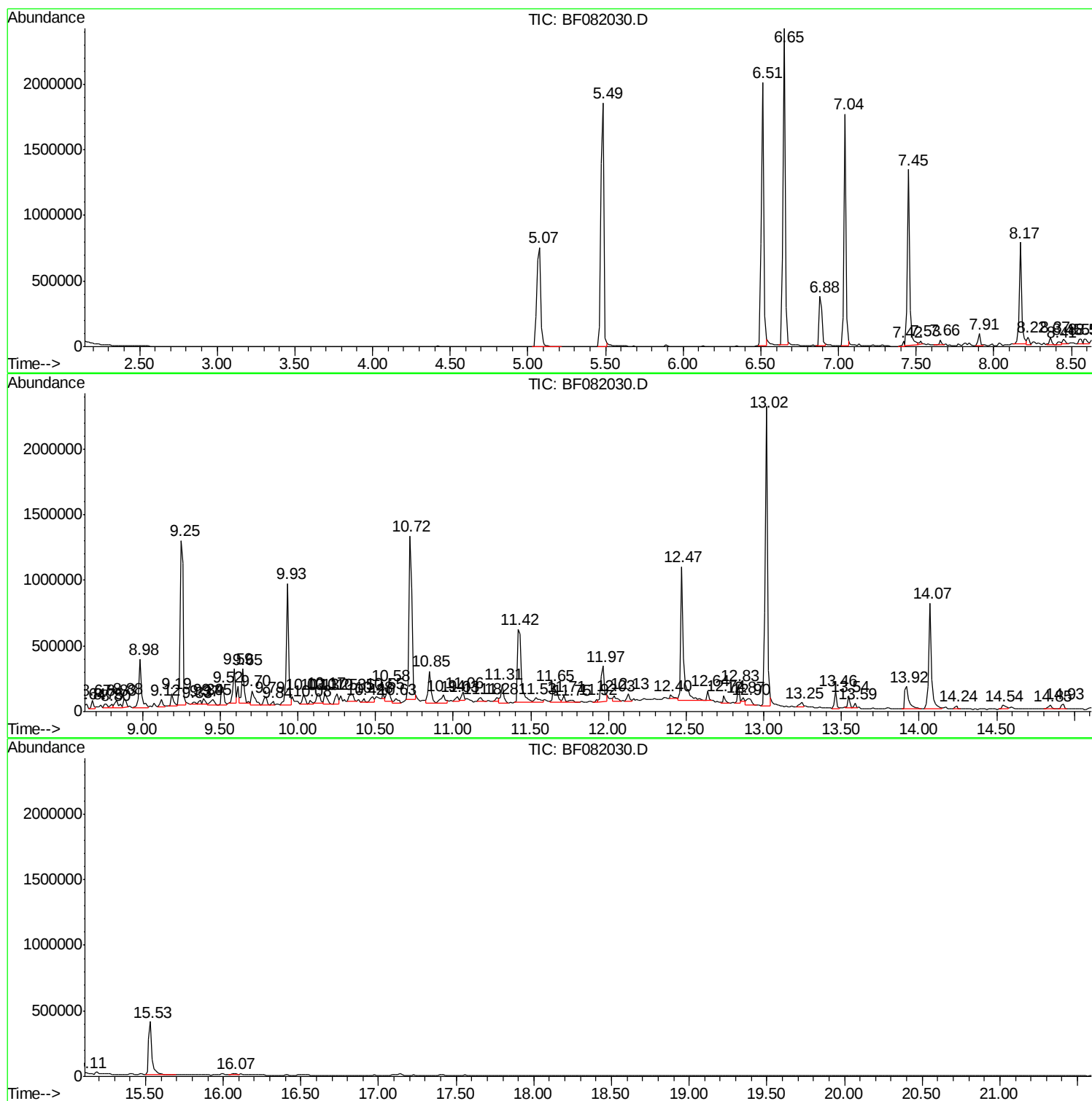
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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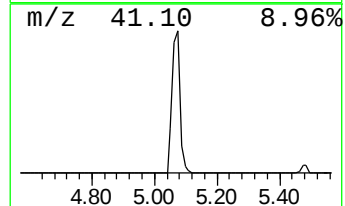
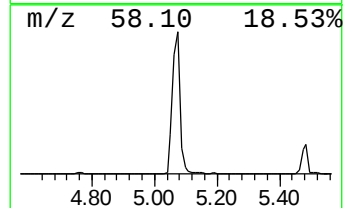
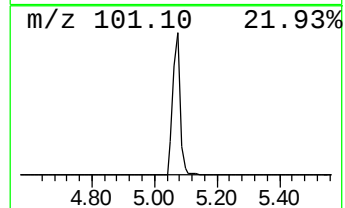
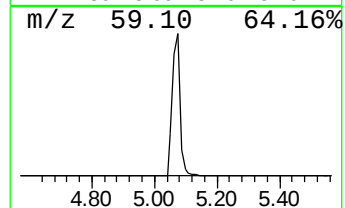
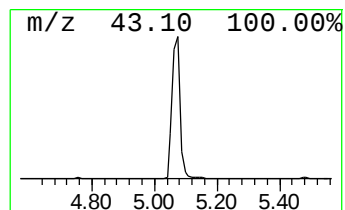
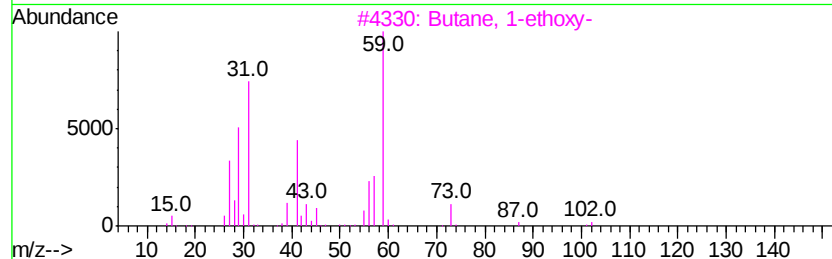
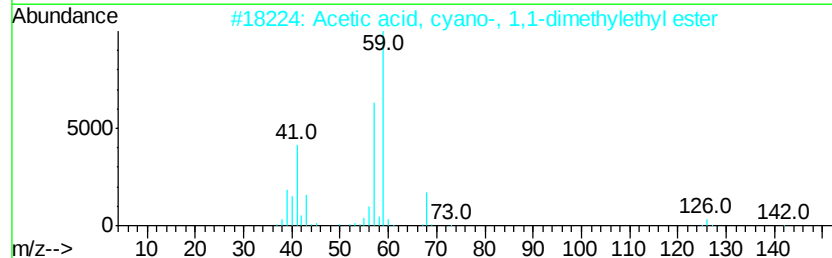
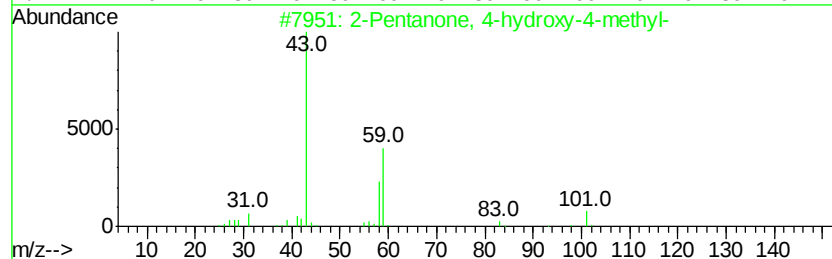
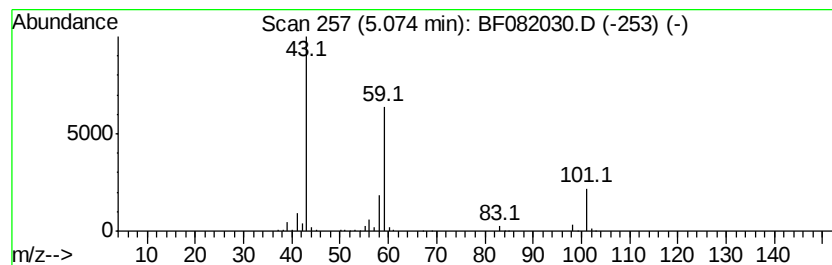
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	51.72 ng	1261700	1,4-Dichlorobenzene-d4	6.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56	
2	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23	
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9	
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	
5	Acetone	58	C3H6O	000067-64-1	9	



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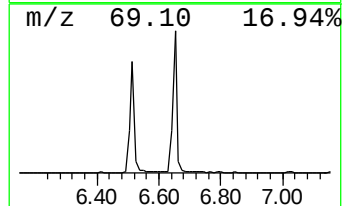
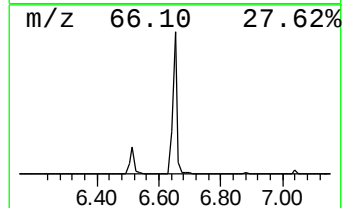
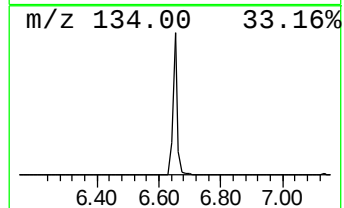
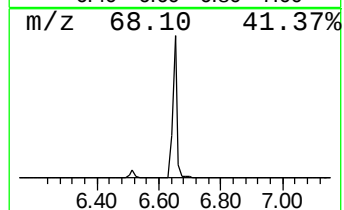
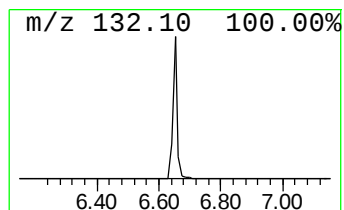
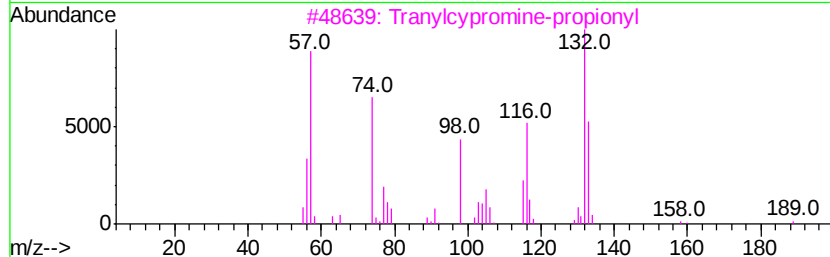
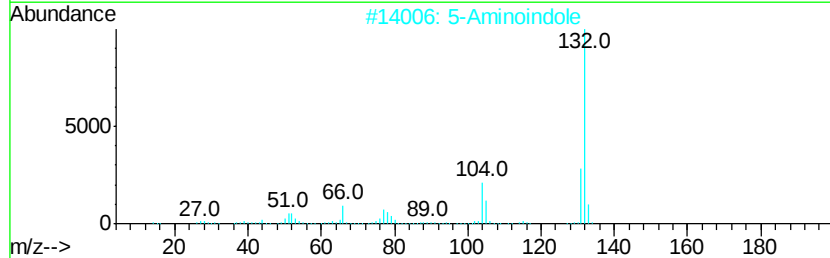
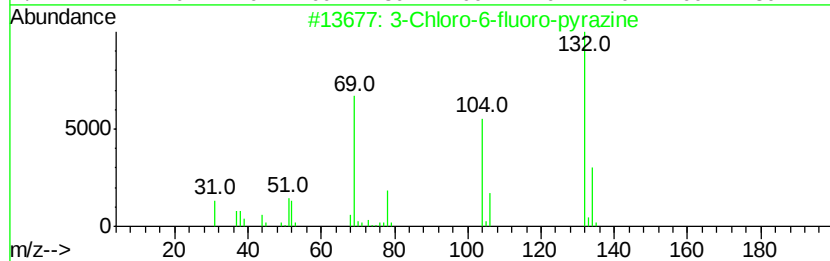
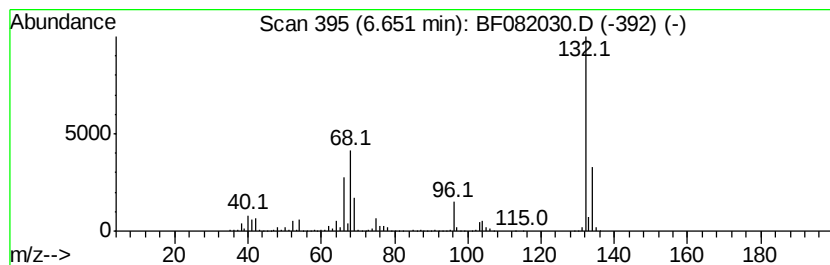
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	95.28 ng	2324160	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Aminoindole	132	C8H8N2	005192-03-0	12	
3	Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10	
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9	



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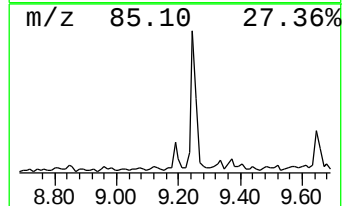
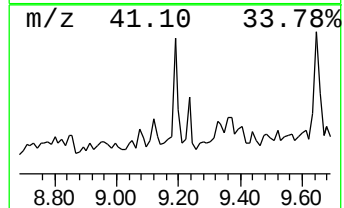
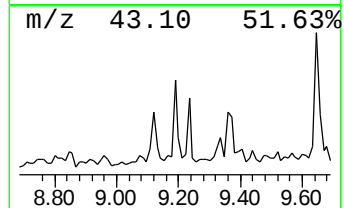
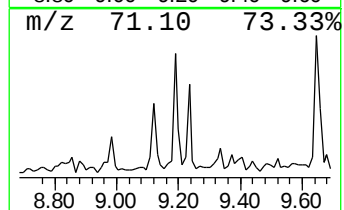
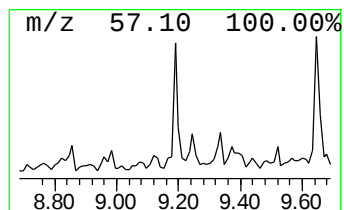
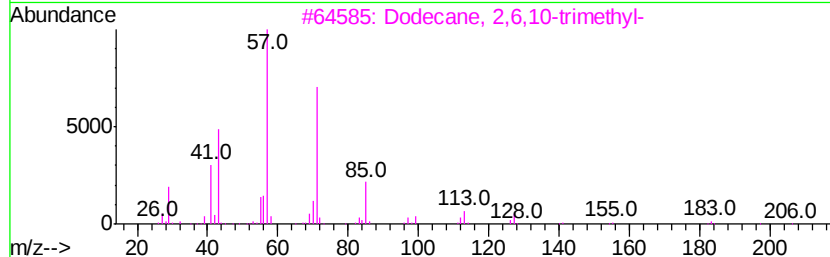
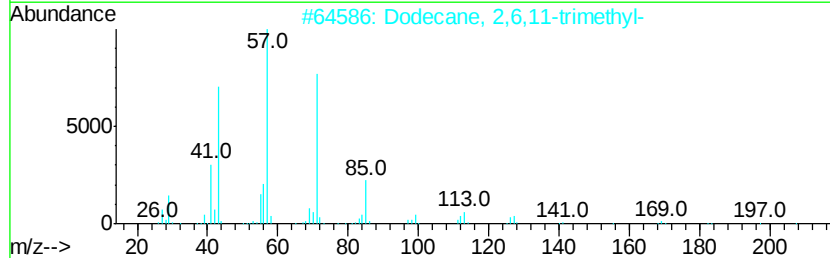
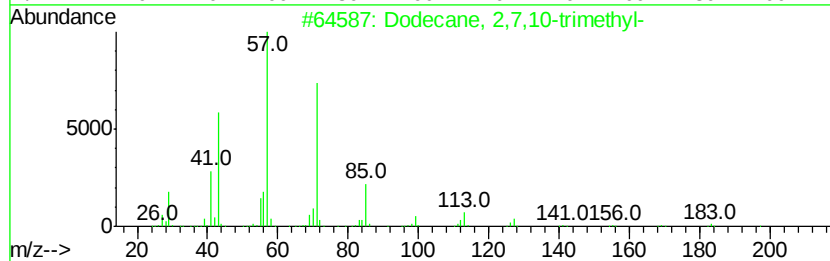
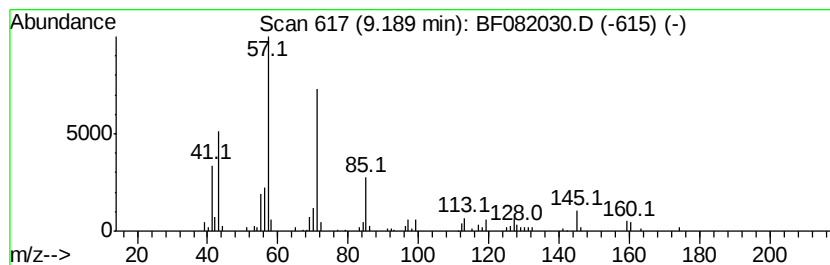
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	2.39 ng	109656	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59



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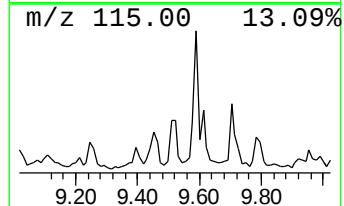
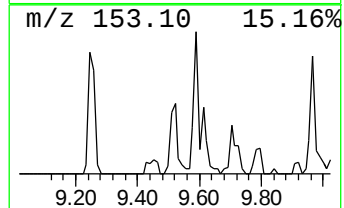
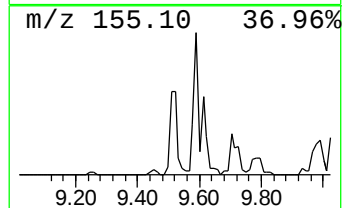
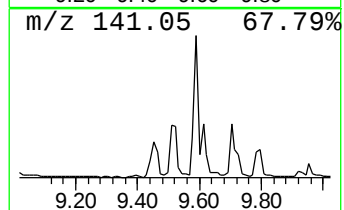
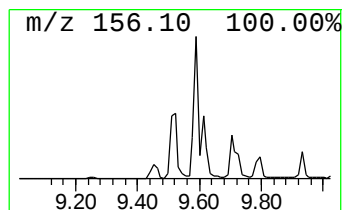
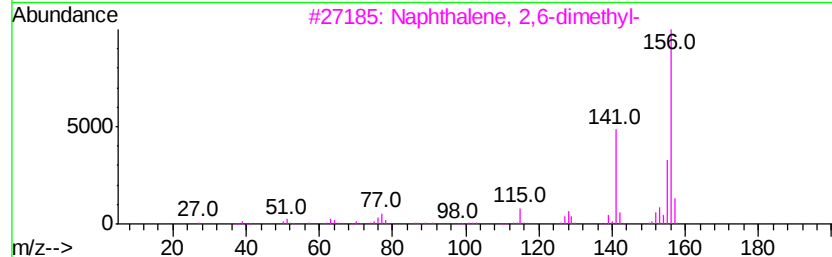
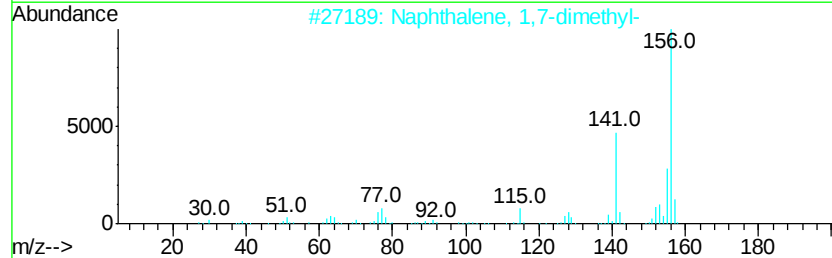
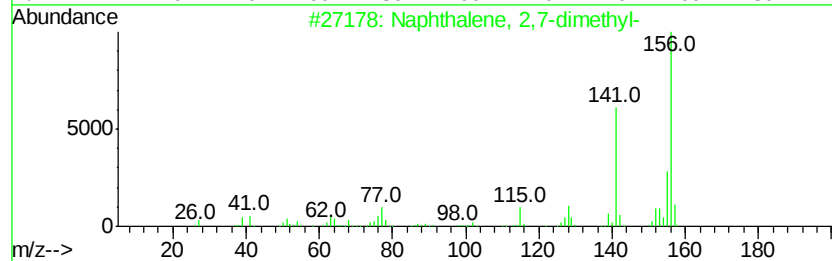
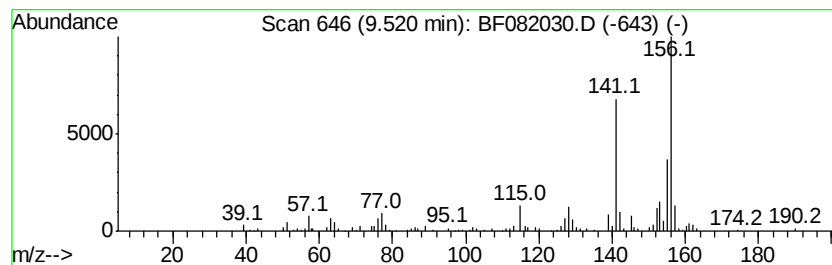
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ClientSampleId :
SB-04-9.5-10.0-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	4.40 ng	201630	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082030.D
Acq On : 3 Oct 2015 19:26
Operator : UM/IZ
Sample : G3867-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

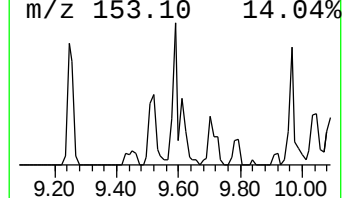
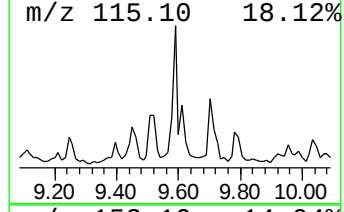
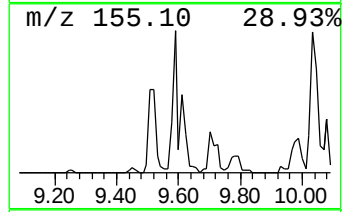
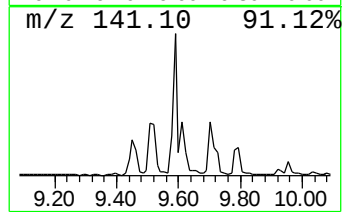
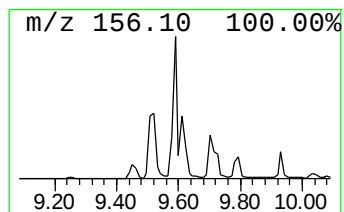
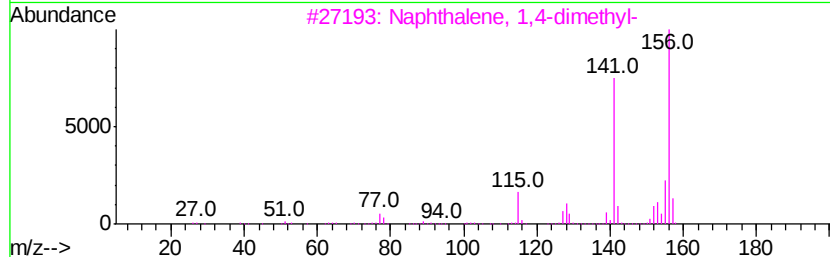
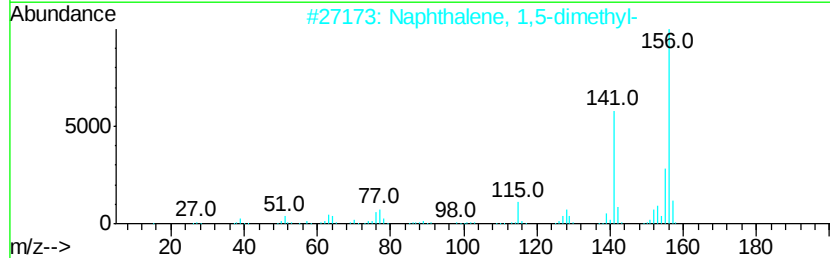
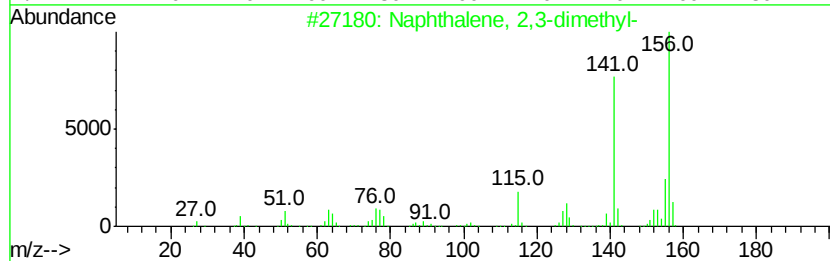
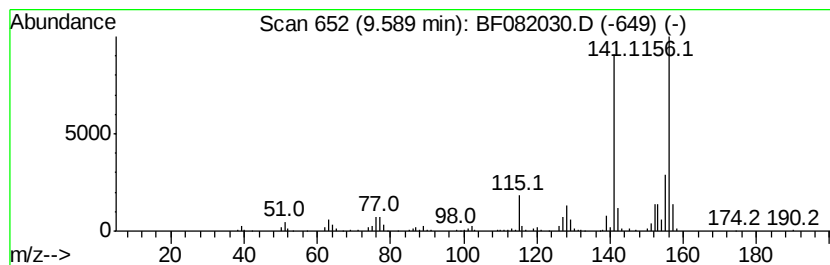
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ClientSampleId :
SB-04-9.5-10.0-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	6.12 ng	280450	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082030.D
Acq On : 3 Oct 2015 19:26
Operator : UM/IZ
Sample : G3867-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-10.0-092915

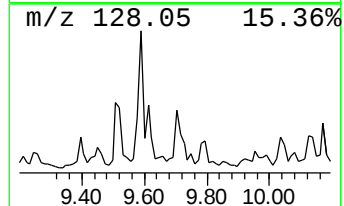
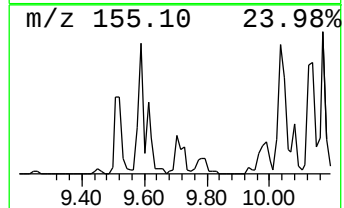
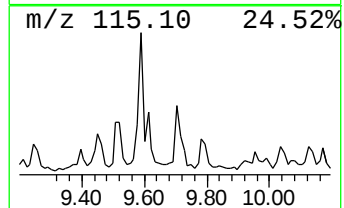
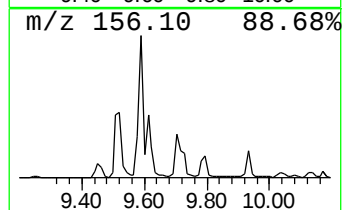
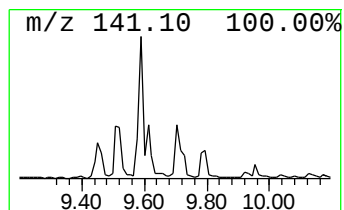
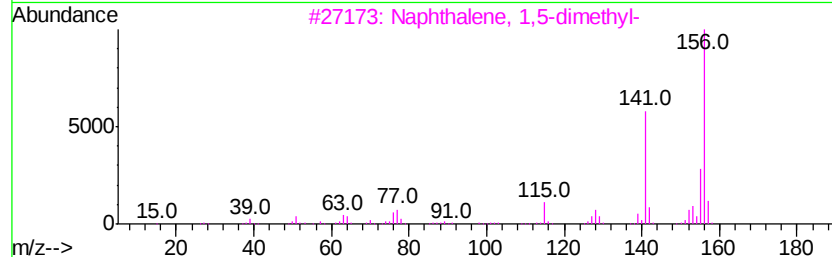
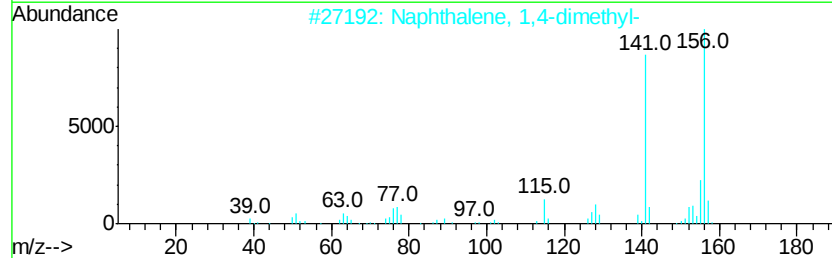
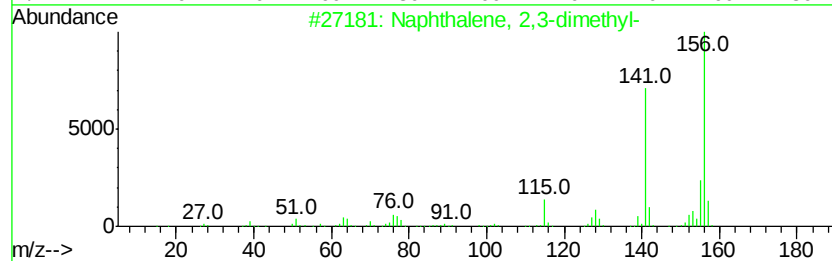
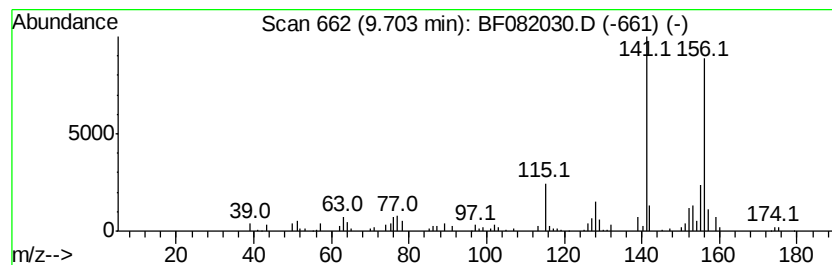
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	3.77 ng	172681	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082030.D
Acq On : 3 Oct 2015 19:26
Operator : UM/IZ
Sample : G3867-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-10.0-092915

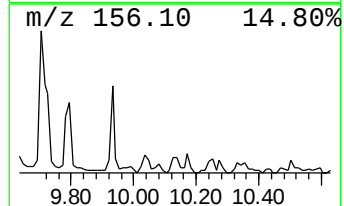
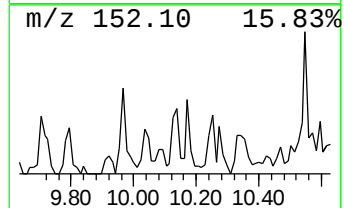
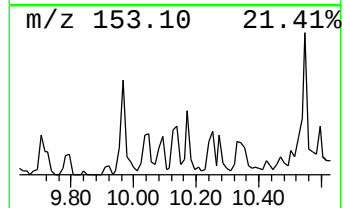
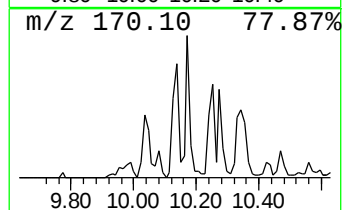
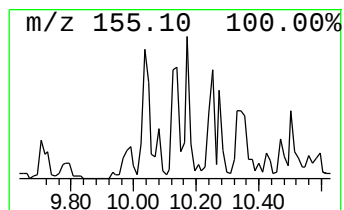
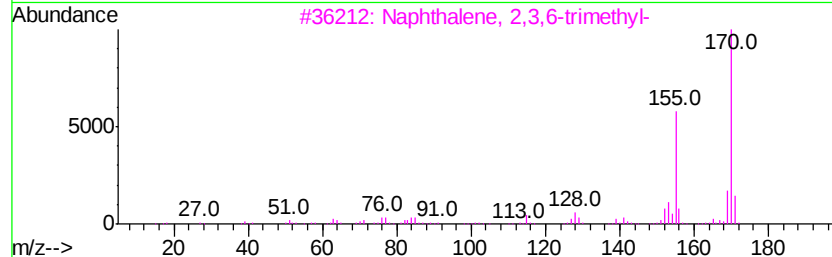
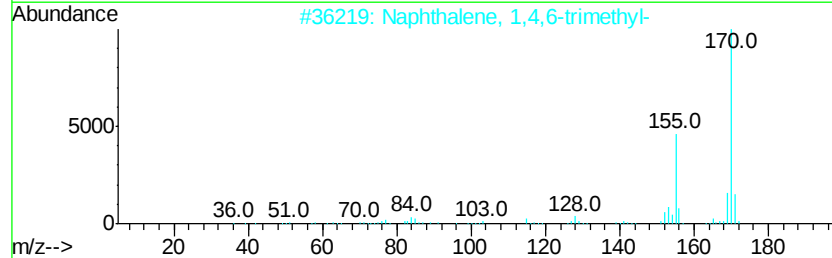
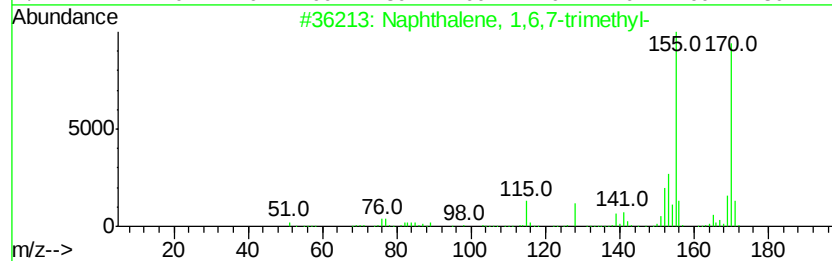
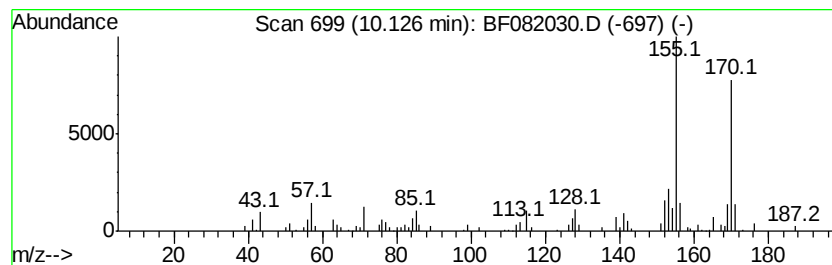
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	2.70 ng	123761	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082030.D
Acq On : 3 Oct 2015 19:26
Operator : UM/IZ
Sample : G3867-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-10.0-092915

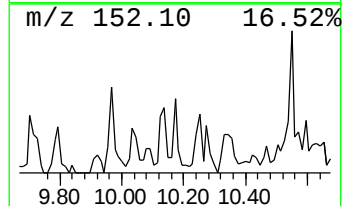
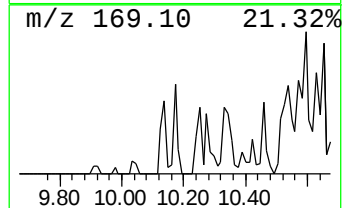
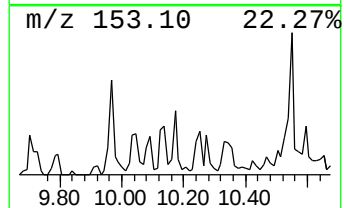
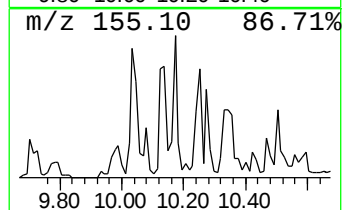
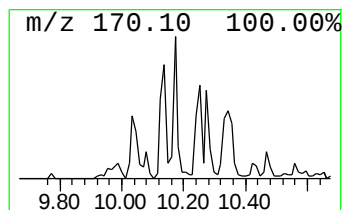
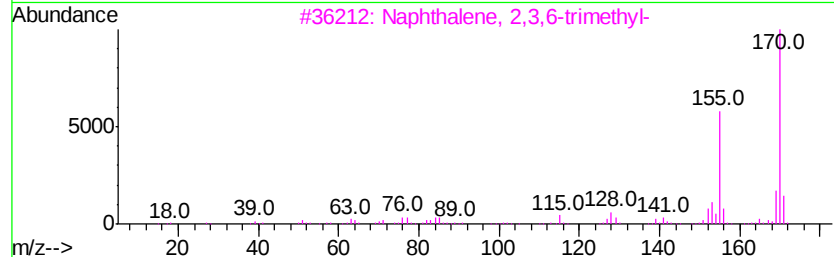
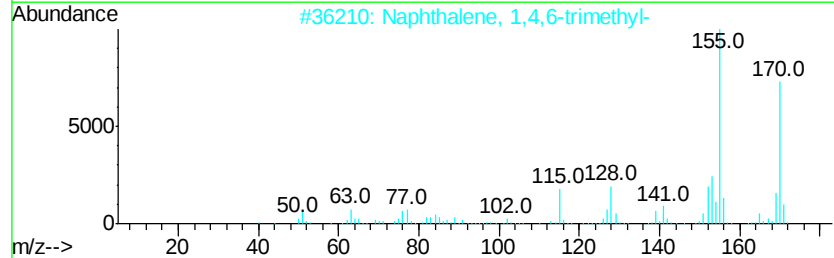
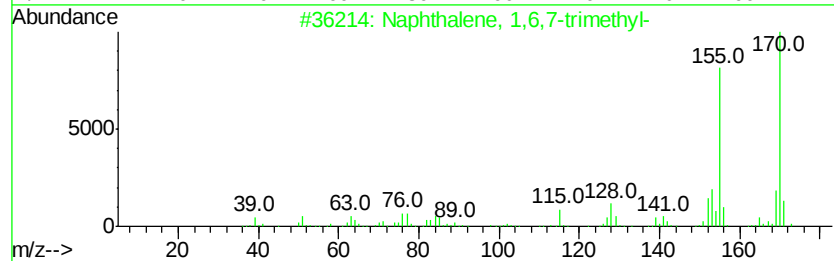
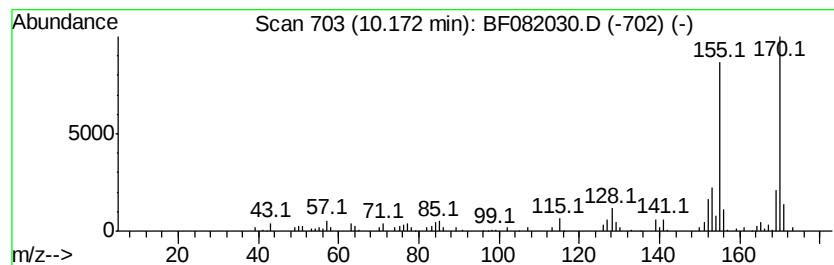
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	2.78 ng	127304	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082030.D
Acq On : 3 Oct 2015 19:26
Operator : UM/IZ
Sample : G3867-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-10.0-092915

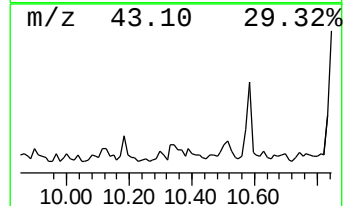
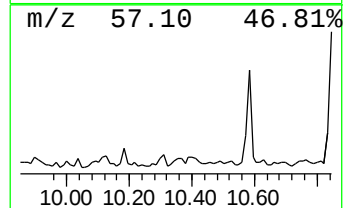
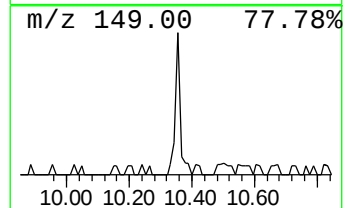
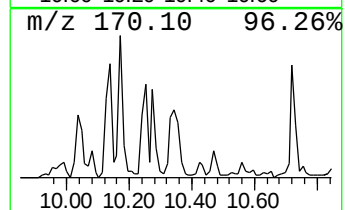
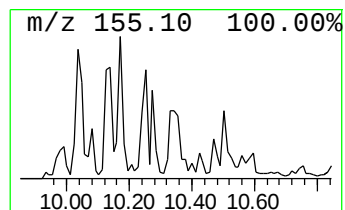
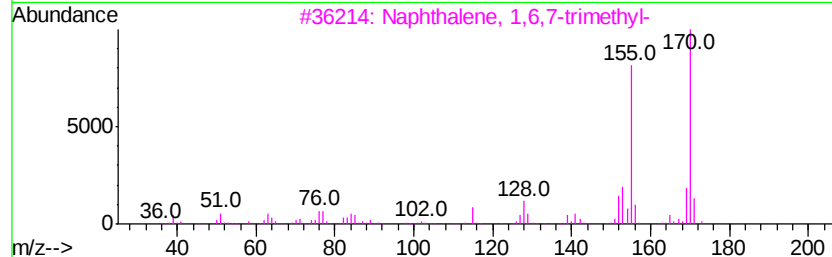
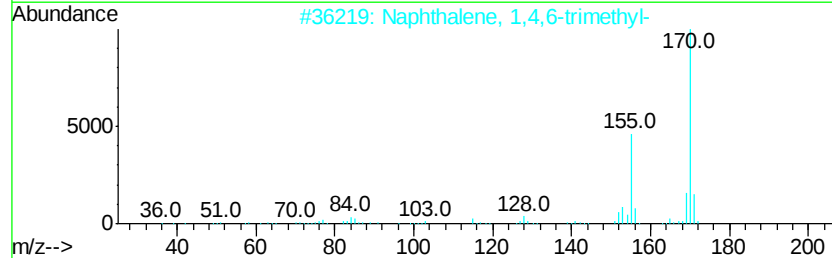
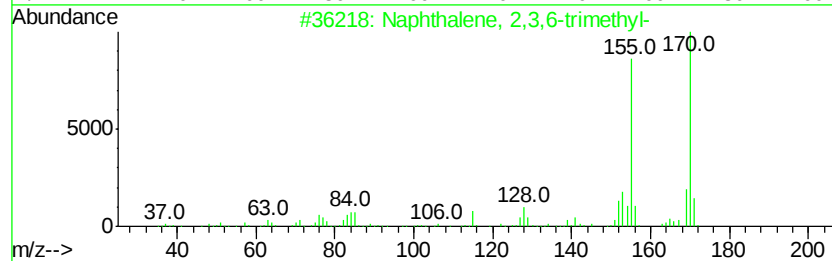
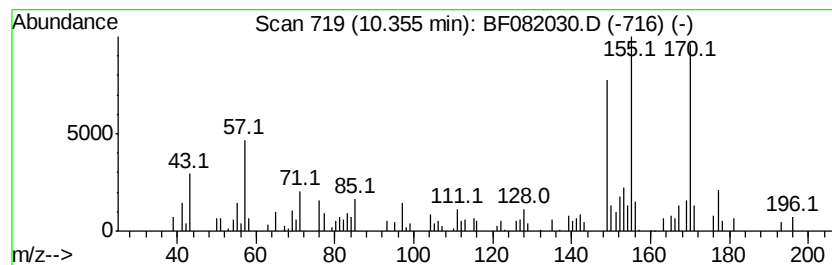
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.51 ng	115112	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082030.D
Acq On : 3 Oct 2015 19:26
Operator : UM/IZ
Sample : G3867-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

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BNA_F
ClientSampleId :
SB-04-9.5-10.0-092915

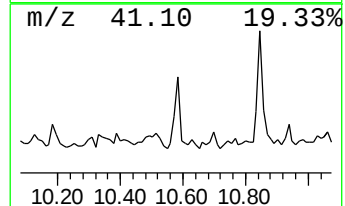
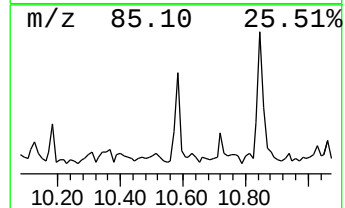
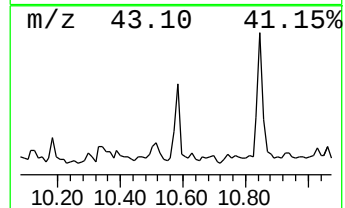
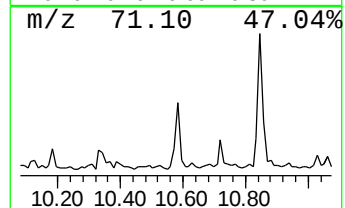
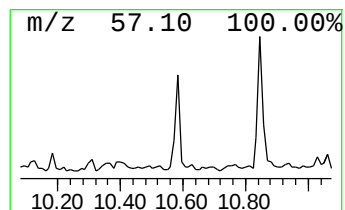
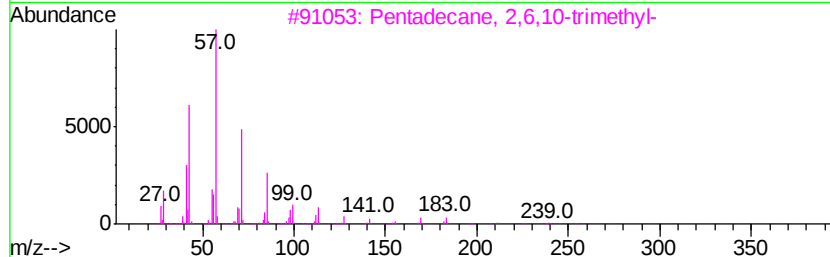
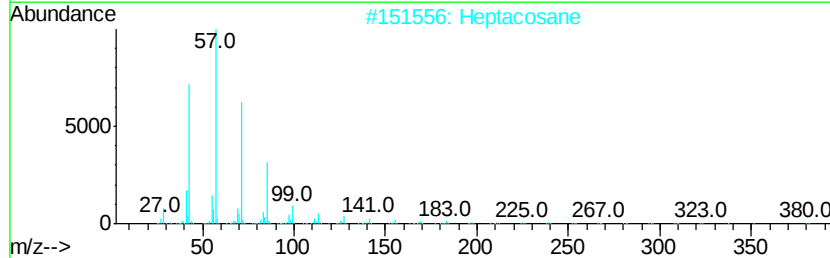
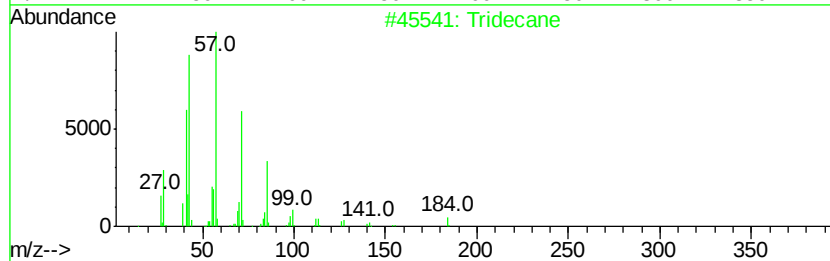
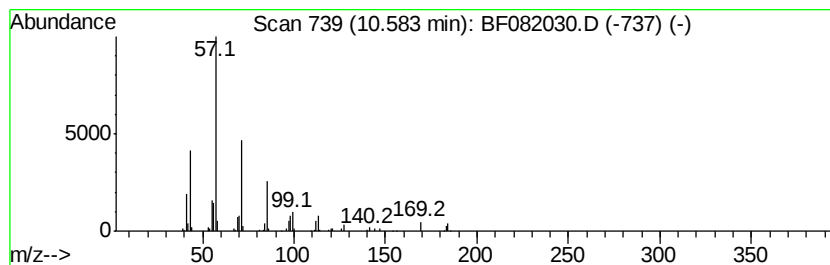
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	3.33 ng	152772	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	87
2		Heptacosane	380	C27H56	000593-49-7	86
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
4		Eicosane	282	C20H42	000112-95-8	80
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082030.D
Acq On : 3 Oct 2015 19:26
Operator : UM/IZ
Sample : G3867-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-04-9.5-10.0-092915

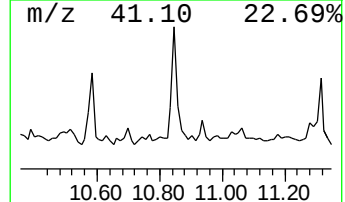
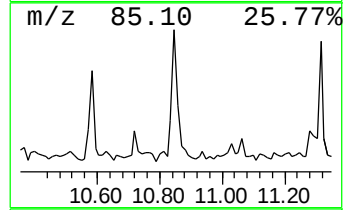
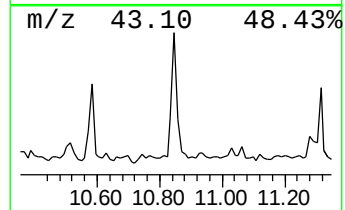
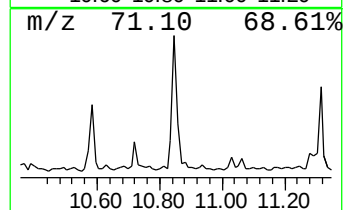
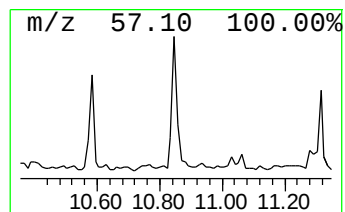
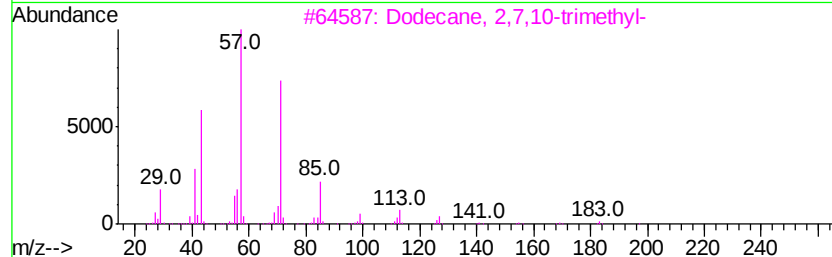
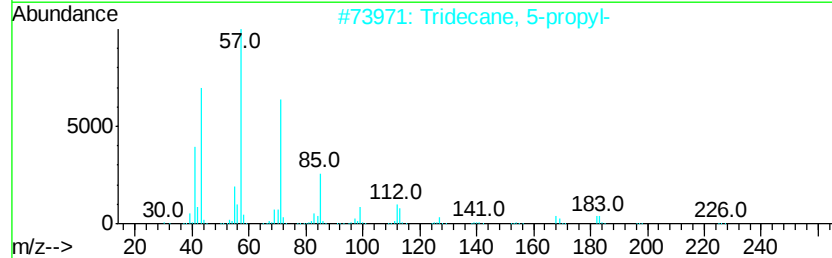
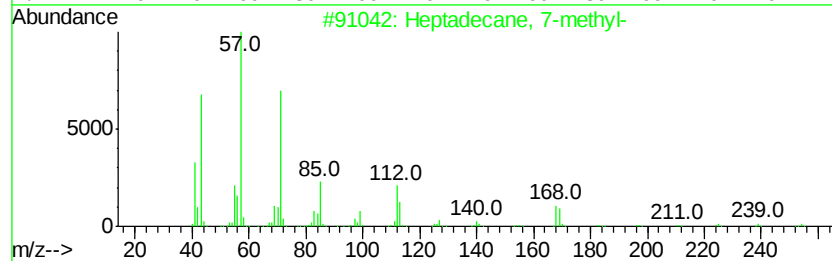
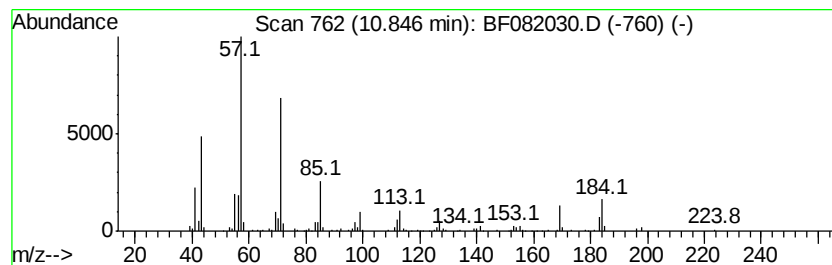
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	5.99 ng	282728	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	68
4		Heptacosane	380	C27H56	000593-49-7	64
5		Decane, 2-methyl-	156	C11H24	006975-98-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082030.D
Acq On : 3 Oct 2015 19:26
Operator : UM/IZ
Sample : G3867-04
Misc :
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Instrument :
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ClientSampleId :
SB-04-9.5-10.0-092915

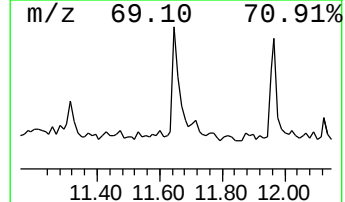
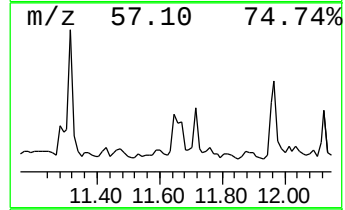
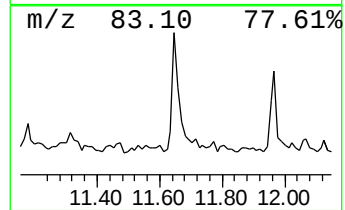
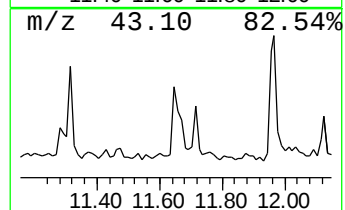
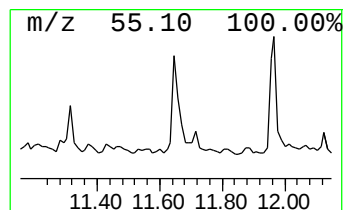
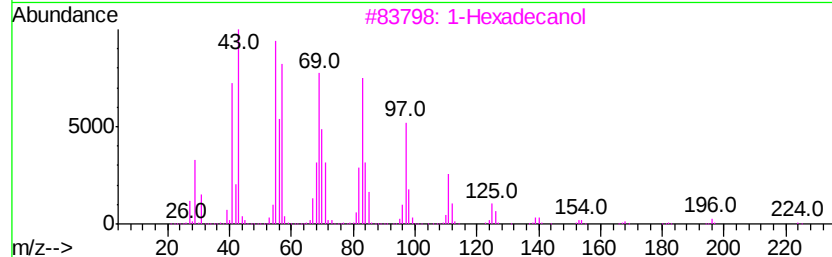
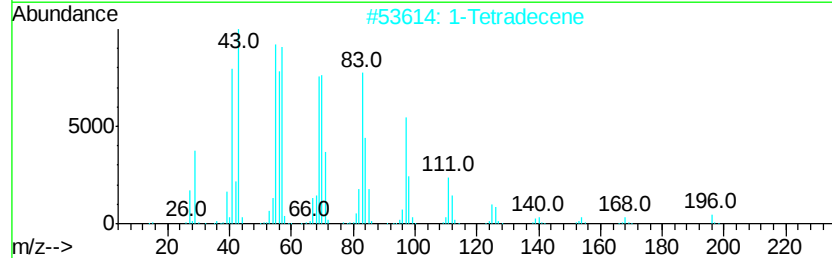
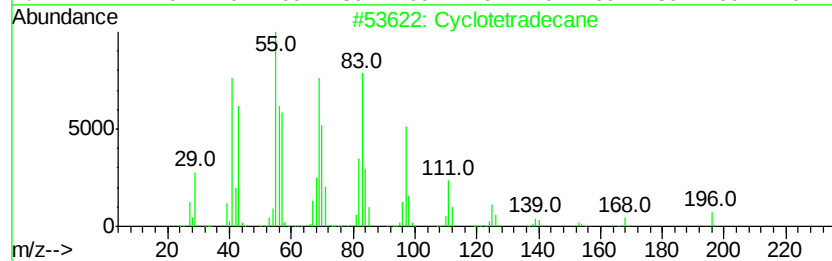
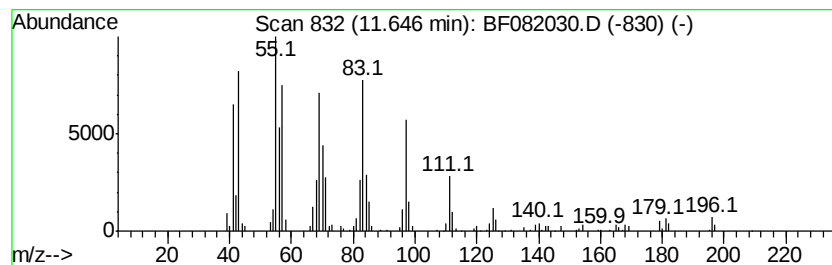
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclotetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	4.79 ng	225934	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	98
2		1-Tetradecene	196	C14H28	001120-36-1	95
3		1-Hexadecanol	242	C16H34O	036653-82-4	95
4		2-Tetradecene, (E)-	196	C14H28	035953-53-8	94
5		5-Tetradecene, (Z)-	196	C14H28	041446-62-2	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082030.D
Acq On : 3 Oct 2015 19:26
Operator : UM/IZ
Sample : G3867-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-04-9.5-10.0-092915

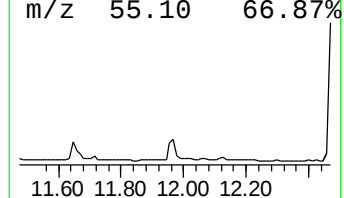
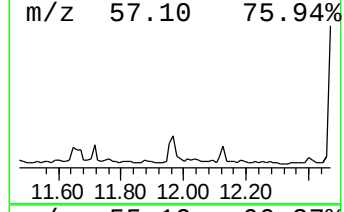
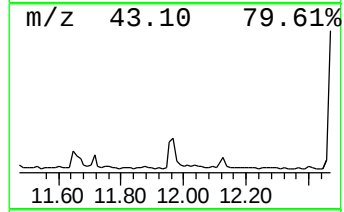
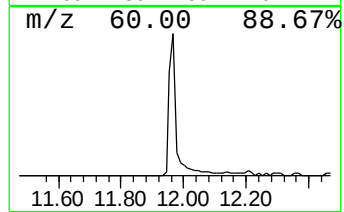
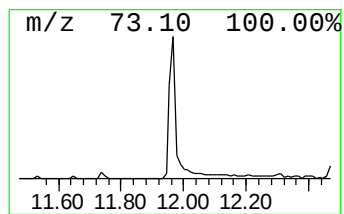
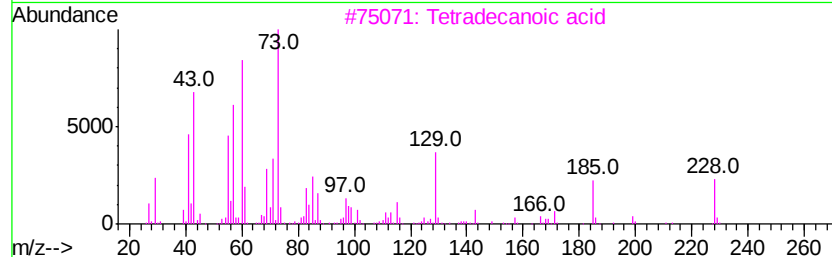
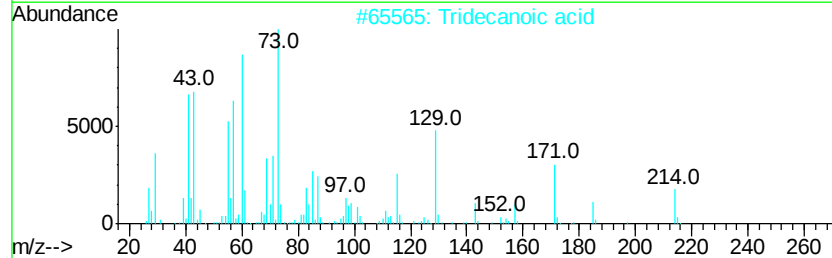
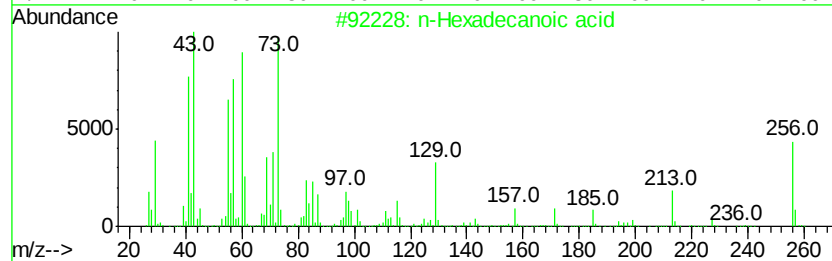
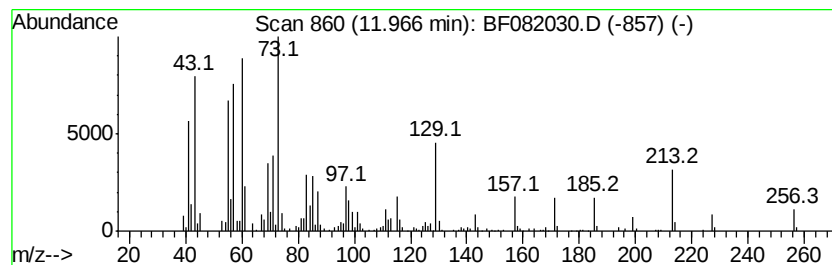
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	8.55 ng	403268	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		n-Decanoic acid	172	C10H20O2	000334-48-5	68
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082030.D
Acq On : 3 Oct 2015 19:26
Operator : UM/IZ
Sample : G3867-04
Misc :
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Instrument :
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ClientSampleId :
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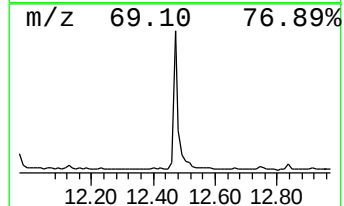
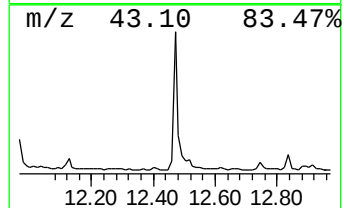
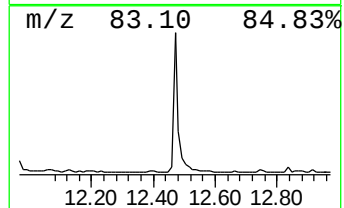
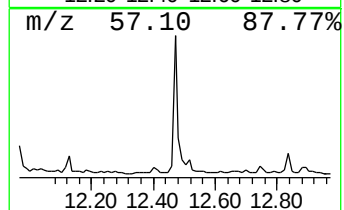
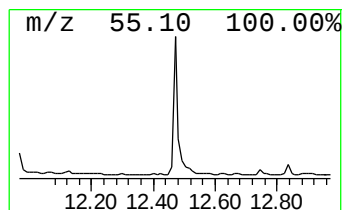
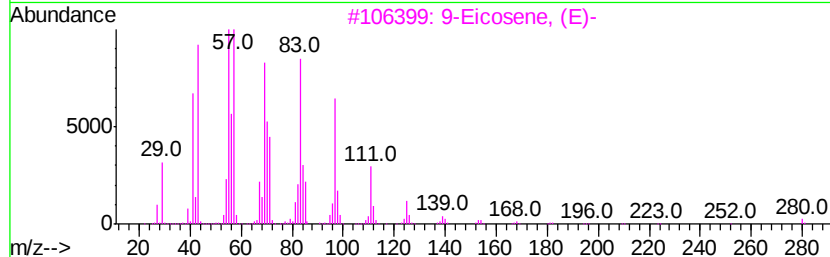
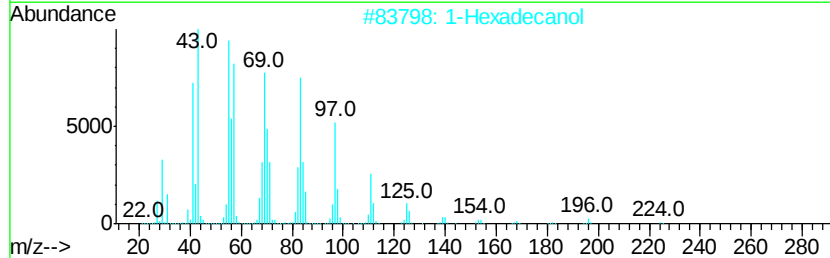
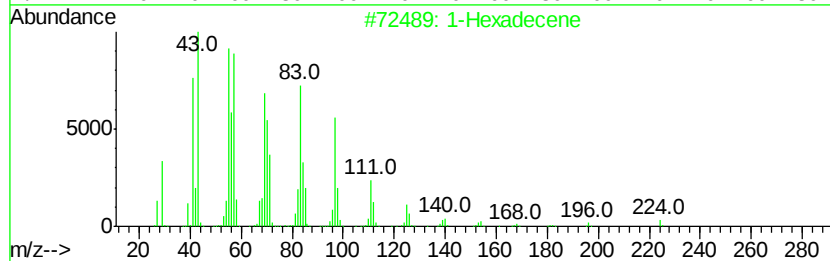
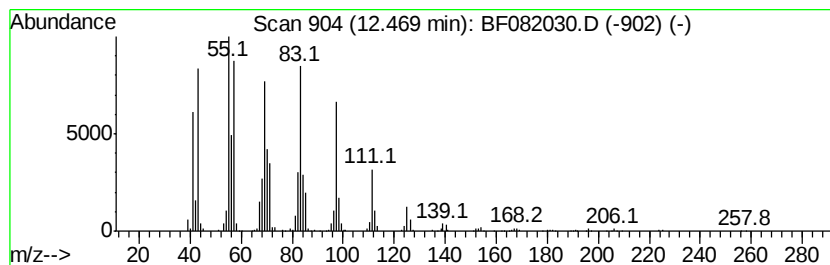
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Hexadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	26.39 ng	1244800	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecene	224	C16H32	000629-73-2	96
2		1-Hexadecanol	242	C16H34O	036653-82-4	91
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		Cyclohexadecane	224	C16H32	000295-65-8	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082030.D
Acq On : 3 Oct 2015 19:26
Operator : UM/IZ
Sample : G3867-04
Misc :
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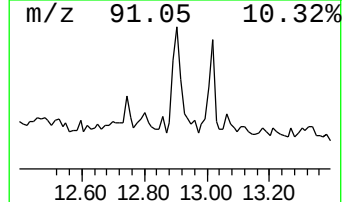
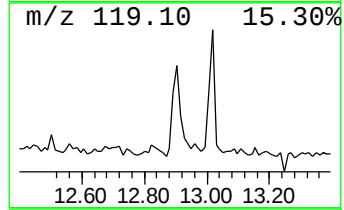
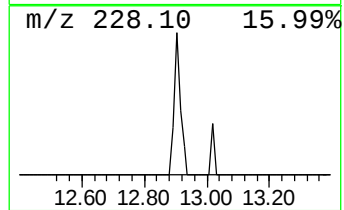
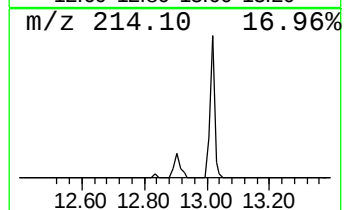
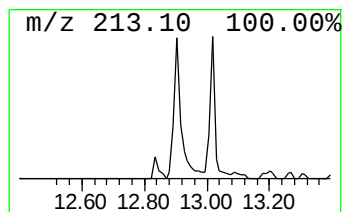
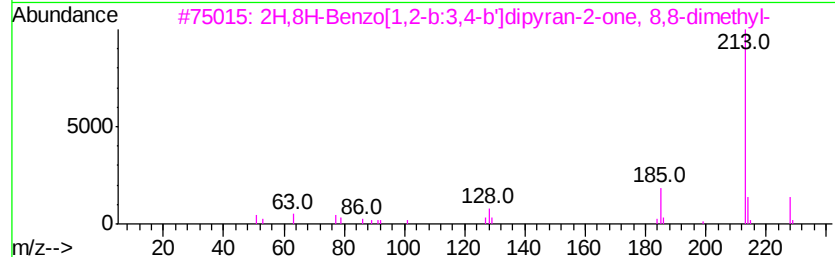
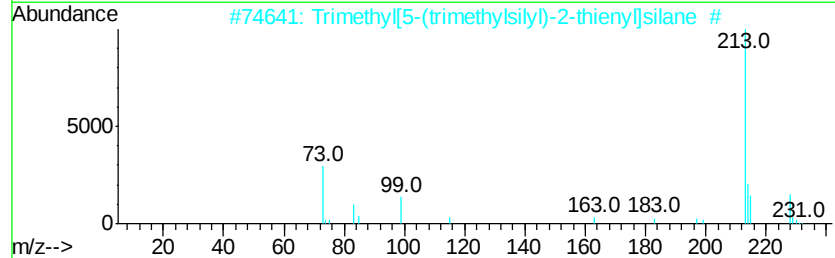
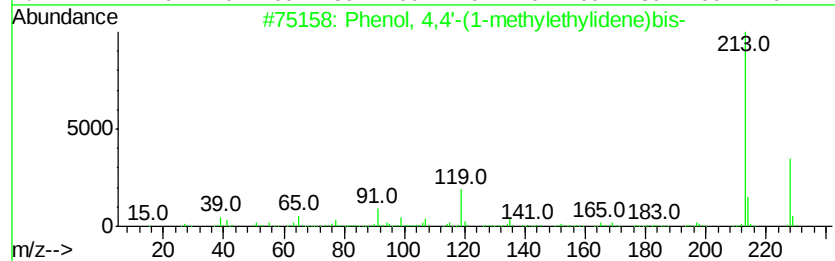
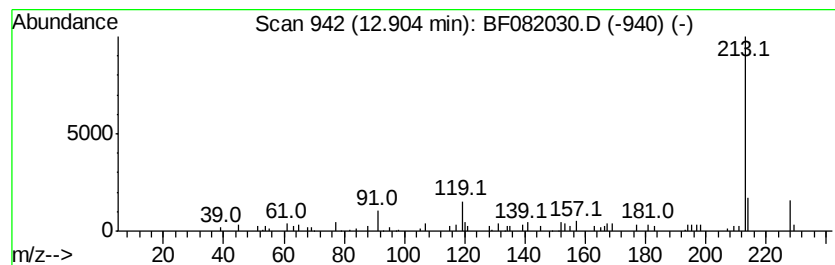
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenol, 4,4'-(1-methylethyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.90	2.41 ng	113404	Chrysene-d12	14.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene)bis-	228	C15H16O2	000080-05-7	86	
2	Trimethyl[5-(trimethylsilyl)-2-thienyl]silane	228	C10H20SSi2	017906-71-7	64	
3	2H,8H-Benzo[1,2-b:3,4-b']dipyrans	228	C14H12O3	000523-59-1	53	
4	10H-Phenothiazine, 10-methyl-	213	C13H11NS	001207-72-3	53	
5	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	47	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082030.D
Acq On : 3 Oct 2015 19:26
Operator : UM/IZ
Sample : G3867-04
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ClientSampleId :
SB-04-9.5-10.0-092915

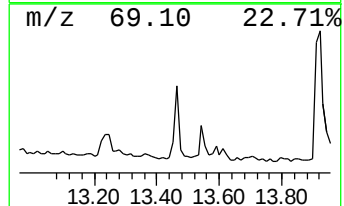
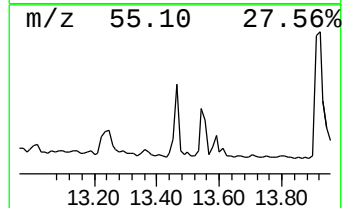
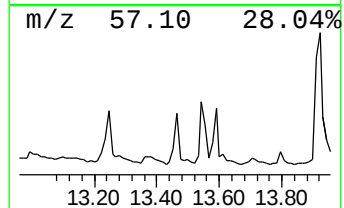
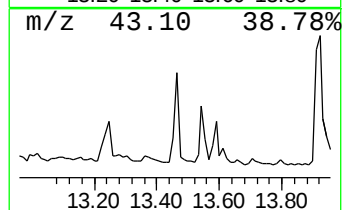
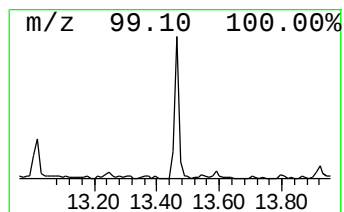
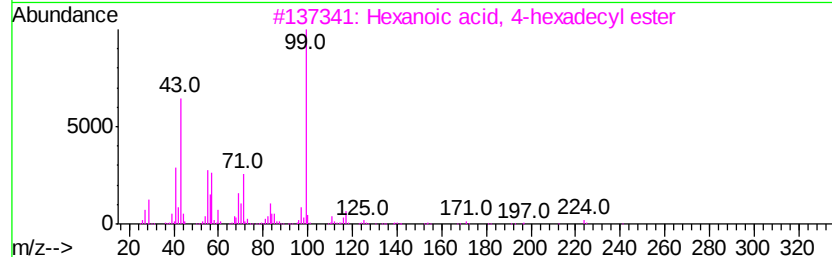
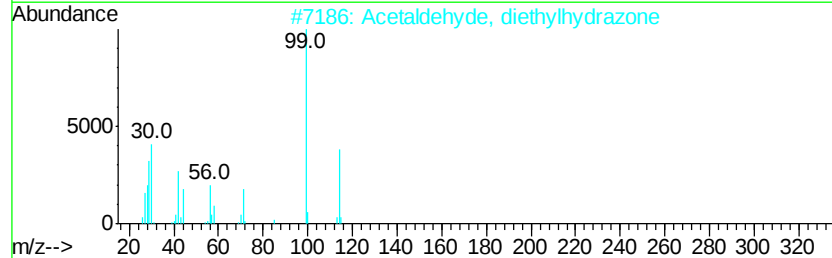
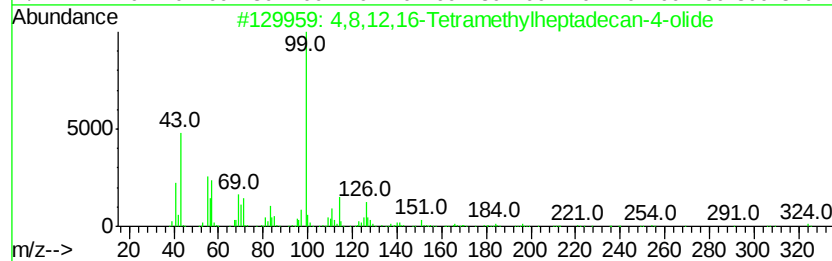
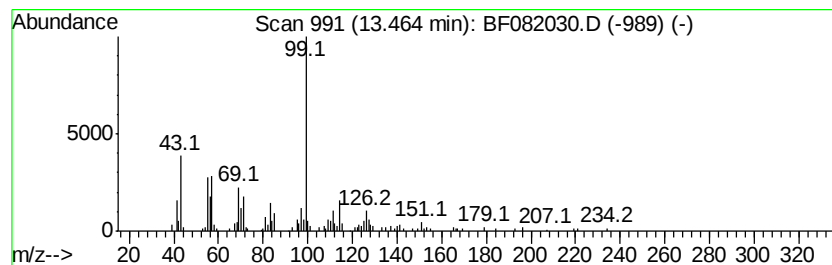
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4,8,12,16-Tetramethylheptad... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.62 ng	123316	Chrysene-d12	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	87
2			Acetaldehyde, diethylhydrazone	114	C6H14N2	007422-91-5	50
3			Hexanoic acid, 4-hexadecyl ester	340	C22H44O2	1000282-83-8	50
4			Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	50
5			Diallyl maleate	196	C10H12O4	000999-21-3	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082030.D
Acq On : 3 Oct 2015 19:26
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Sample : G3867-04
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ALS Vial : 50 Sample Multiplier: 1

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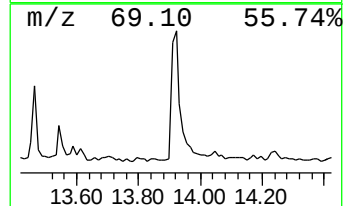
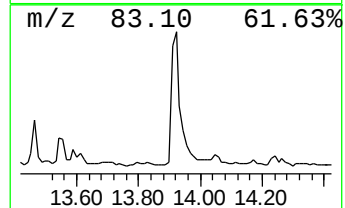
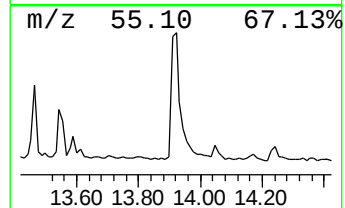
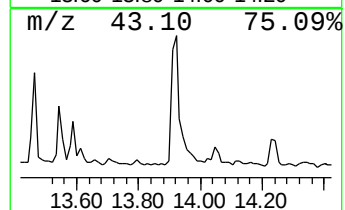
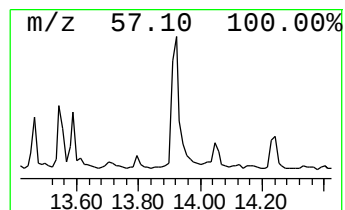
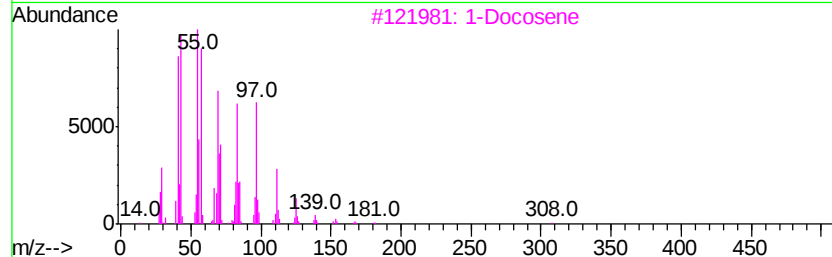
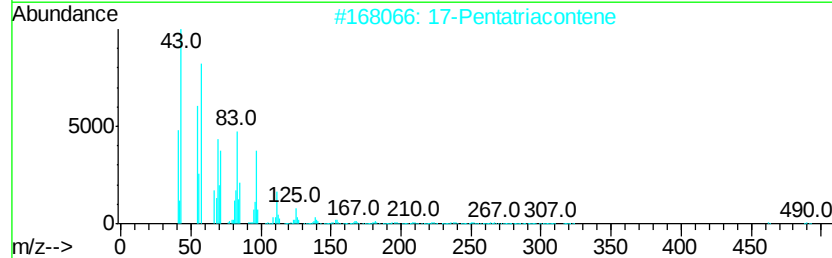
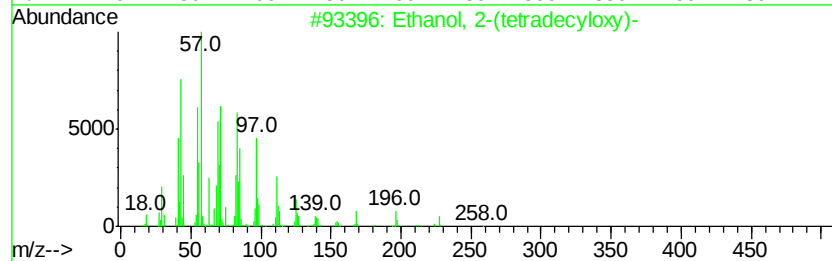
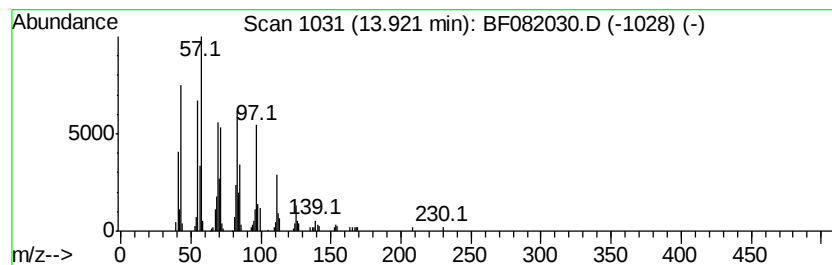
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Ethanol, 2-(tetradecyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	7.00 ng	328977	Chrysene-d12	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2			17-Pentatriacontene	491	C35H70	006971-40-0	91
3			1-Docosene	308	C22H44	001599-67-3	83
4			1-Octadecene	252	C18H36	000112-88-9	81
5			1-Octadecanol	270	C18H38O	000112-92-5	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082030.D
 Acq On : 3 Oct 2015 19:26
 Operator : UM/IZ
 Sample : G3867-04
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-10.0-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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...	5.07	51.7	ng	1261700	1	6.88	487857	20.0
unknown6.65	6.65	95.3	ng	2324160	1	6.88	487857	20.0
Dodecane, 2,7,10-...	9.19	2.4	ng	109656	3	9.93	917201	20.0
Naphthalene, 2,7-...	9.52	4.4	ng	201630	3	9.93	917201	20.0
Naphthalene, 2,3-...	9.59	6.1	ng	280450	3	9.93	917201	20.0
Naphthalene, 1,4-...	9.70	3.8	ng	172681	3	9.93	917201	20.0
Naphthalene, 1,6,...	10.13	2.7	ng	123761	3	9.93	917201	20.0
Naphthalene, 1,4,...	10.17	2.8	ng	127304	3	9.93	917201	20.0
Naphthalene, 2,3,...	10.35	2.5	ng	115112	3	9.93	917201	20.0
Tridecane	10.58	3.3	ng	152772	3	9.93	917201	20.0
Heptadecane, 7-me...	10.85	6.0	ng	282728	4	11.43	943229	20.0
Cyclotetradecane	11.65	4.8	ng	225934	4	11.43	943229	20.0
n-Hexadecanoic acid	11.97	8.6	ng	403268	4	11.43	943229	20.0
1-Hexadecene	12.47	26.4	ng	1244800	4	11.43	943229	20.0
Phenol, 4,4'-(1-m...	12.90	2.4	ng	113404	5	14.07	939672	20.0
4,8,12,16-Tetrame...	13.46	2.6	ng	123316	5	14.07	939672	20.0
Ethanol, 2-(tetra...	13.92	7.0	ng	328977	5	14.07	939672	20.0