

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085433.D
 Acq On : 14 Mar 2016 17:14
 Operator : UM/SJ
 Sample : H1760-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS03112016

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-BF030316.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	2.607	26	28	38	rVB	31213	61809	1.14%	0.098%
2	4.527	194	196	216	rBV2	21577	126556	2.33%	0.201%
3	5.110	244	247	249	rBV	404964	435614	8.02%	0.692%
4	5.533	281	284	286	rBV	946867	1138030	20.95%	1.808%
5	6.276	347	349	352	rBV	490821	414386	7.63%	0.658%
6	6.550	371	373	374	rBV	864155	749772	13.80%	1.191%
7	6.584	374	376	378	rVB	167545	233660	4.30%	0.371%
8	6.687	383	385	387	rVV	2139478	2096765	38.59%	3.332%
9	6.744	387	390	393	rVV	307801	272589	5.02%	0.433%
10	6.847	397	399	401	rBV	94097	73751	1.36%	0.117%
11	6.927	403	406	408	rBV	740053	1002652	18.45%	1.593%
12	7.076	417	419	422	rVB	2537469	3055695	56.24%	4.856%
13	7.350	438	443	447	rBV	55054	132721	2.44%	0.211%
14	7.487	452	455	457	rBV	2508113	2534707	46.65%	4.028%
15	7.602	463	465	467	rVB	692833	536062	9.87%	0.852%
16	7.739	475	477	479	rBV	80713	112878	2.08%	0.179%
17	7.784	479	481	482	rVV2	69785	78261	1.44%	0.124%
18	7.864	484	488	491	rVV2	162907	244477	4.50%	0.388%
19	7.944	491	495	497	rVB3	48384	71577	1.32%	0.114%
20	8.207	516	518	520	rVV	1541229	1301233	23.95%	2.068%
21	8.299	525	526	527	rVV	81367	67102	1.24%	0.107%
22	8.333	527	529	532	rVV4	34599	86668	1.60%	0.138%
23	8.390	532	534	537	rVV	201862	281574	5.18%	0.447%
24	8.482	541	542	545	rVV	66945	63633	1.17%	0.101%
25	8.653	552	557	559	rBV5	24369	69433	1.28%	0.110%
26	8.687	559	560	562	rVB2	57603	61964	1.14%	0.098%
27	8.745	562	565	566	rBV	770860	869859	16.01%	1.382%
28	8.836	571	573	576	rBV3	32156	70720	1.30%	0.112%
29	8.882	576	577	581	rVB2	159693	167064	3.07%	0.265%
30	8.962	581	584	586	rVB2	56885	68684	1.26%	0.109%
31	9.145	595	600	601	rBV3	182299	244332	4.50%	0.388%
32	9.167	601	602	606	rVB	285224	267712	4.93%	0.425%
33	9.236	606	608	610	rBV	135579	190348	3.50%	0.302%
34	9.293	610	613	615	rVV	3961614	4830294	88.90%	7.676%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.408	620	623	625	rBV2	284114	351487	6.47%	0.559%
36	9.476	625	629	630	rBV3	40229	58758	1.08%	0.093%
37	9.499	630	631	634	rVB	449806	476037	8.76%	0.756%
38	9.568	634	637	639	rBV4	47317	75065	1.38%	0.119%
39	9.613	639	641	643	rVB	80537	86236	1.59%	0.137%
40	9.682	645	647	649	rBV	287965	295228	5.43%	0.469%
41	9.785	653	656	658	rBV3	77012	131540	2.42%	0.209%
42	9.830	658	660	663	rVB	190497	171794	3.16%	0.273%
43	9.888	663	665	667	rBV	121925	152492	2.81%	0.242%
44	9.922	667	668	669	rBV	155748	186842	3.44%	0.297%
45	9.968	669	672	674	rVB	1631685	1619295	29.80%	2.573%
46	10.013	674	676	678	rBV3	59889	124855	2.30%	0.198%
47	10.128	683	686	687	rBV3	37790	66519	1.22%	0.106%
48	10.185	689	691	692	rBV	86231	108786	2.00%	0.173%
49	10.230	692	695	696	rBV3	92750	153044	2.82%	0.243%
50	10.253	696	697	699	rVB	243165	305227	5.62%	0.485%
51	10.299	699	701	704	rBV2	419145	437516	8.05%	0.695%
52	10.390	706	709	711	rVB4	176986	285269	5.25%	0.453%
53	10.470	714	716	718	rVB3	43779	78339	1.44%	0.124%
54	10.573	721	725	727	rVV	4139862	5433140	100.00%	8.634%
55	10.619	727	729	732	rVB2	343418	632752	11.65%	1.005%
56	10.665	732	733	735	rBV2	38939	73580	1.35%	0.117%
57	10.699	735	736	738	rVV	396553	351761	6.47%	0.559%
58	10.756	738	741	743	rVV2	1879741	2146417	39.51%	3.411%
59	10.791	743	744	747	rVB2	402644	360026	6.63%	0.572%
60	10.848	747	749	750	rBV	757723	987418	18.17%	1.569%
61	10.905	752	754	756	rVB	472135	447524	8.24%	0.711%
62	11.042	761	766	767	rBV4	273042	509899	9.38%	0.810%
63	11.145	772	775	776	rVV	702646	978354	18.01%	1.555%
64	11.168	776	777	781	rVB3	49220	57103	1.05%	0.091%
65	11.236	781	783	784	rBV	97887	119683	2.20%	0.190%
66	11.316	789	790	791	rBV	72797	56014	1.03%	0.089%
67	11.453	800	802	804	rVV	1505845	1466625	26.99%	2.331%
68	11.499	804	806	808	rVB	135049	151983	2.80%	0.242%
69	11.556	809	811	814	rVV4	52590	82412	1.52%	0.131%
70	11.762	825	829	831	rBV	1199248	1761298	32.42%	2.799%
71	11.842	833	836	838	rVV	1137892	981616	18.07%	1.560%

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72	11.888	838	840	842	rVV	668760	585574	10.78%	0.931%
73	11.933	842	844	845	rVV	522644	510448	9.40%	0.811%
74	11.979	846	848	850	rVV3	491021	559034	10.29%	0.888%
75	12.025	850	852	854	rVB2	110788	129834	2.39%	0.206%
76	12.082	854	857	858	rBV	297843	292972	5.39%	0.466%
77	12.105	858	859	861	rBV	262482	240871	4.43%	0.383%
78	12.265	868	873	874	rBV4	70297	223434	4.11%	0.355%
79	12.345	878	880	885	rVV4	138157	301704	5.55%	0.479%
80	12.436	885	888	892	rVV3	185526	365104	6.72%	0.580%
81	12.505	892	894	895	rVV	153026	152891	2.81%	0.243%
82	12.539	895	897	898	rVV	73899	92010	1.69%	0.146%
83	12.608	901	903	904	rVB	120371	108913	2.00%	0.173%
84	12.768	914	917	924	rVB	611219	767972	14.13%	1.220%
85	13.042	938	941	943	rVB	3054140	3434244	63.21%	5.457%
86	13.076	943	944	947	rVB2	100741	118260	2.18%	0.188%
87	13.179	951	953	957	rVV4	104660	187260	3.45%	0.298%
88	13.659	993	995	997	rBV	124595	137026	2.52%	0.218%
89	13.694	997	998	1000	rVB	255515	211886	3.90%	0.337%
90	13.831	1008	1010	1012	rVB	171834	177363	3.26%	0.282%
91	13.922	1017	1018	1023	rBV3	160623	382241	7.04%	0.607%
92	14.025	1025	1027	1029	rVV	101212	108402	2.00%	0.172%
93	14.094	1030	1033	1035	rVB	639918	809660	14.90%	1.287%
94	14.322	1051	1053	1056	rVB	92796	98538	1.81%	0.157%
95	14.608	1069	1078	1086	rBV	734592	3678329	67.70%	5.845%
96	15.500	1152	1156	1158	rBV3	131441	424355	7.81%	0.674%
97	15.545	1158	1160	1169	rVB	732872	1132588	20.85%	1.800%
98	17.511	1325	1332	1336	rBV2	276271	1392988	25.64%	2.214%
99	17.648	1340	1344	1358	rVB2	515444	2532417	46.61%	4.024%

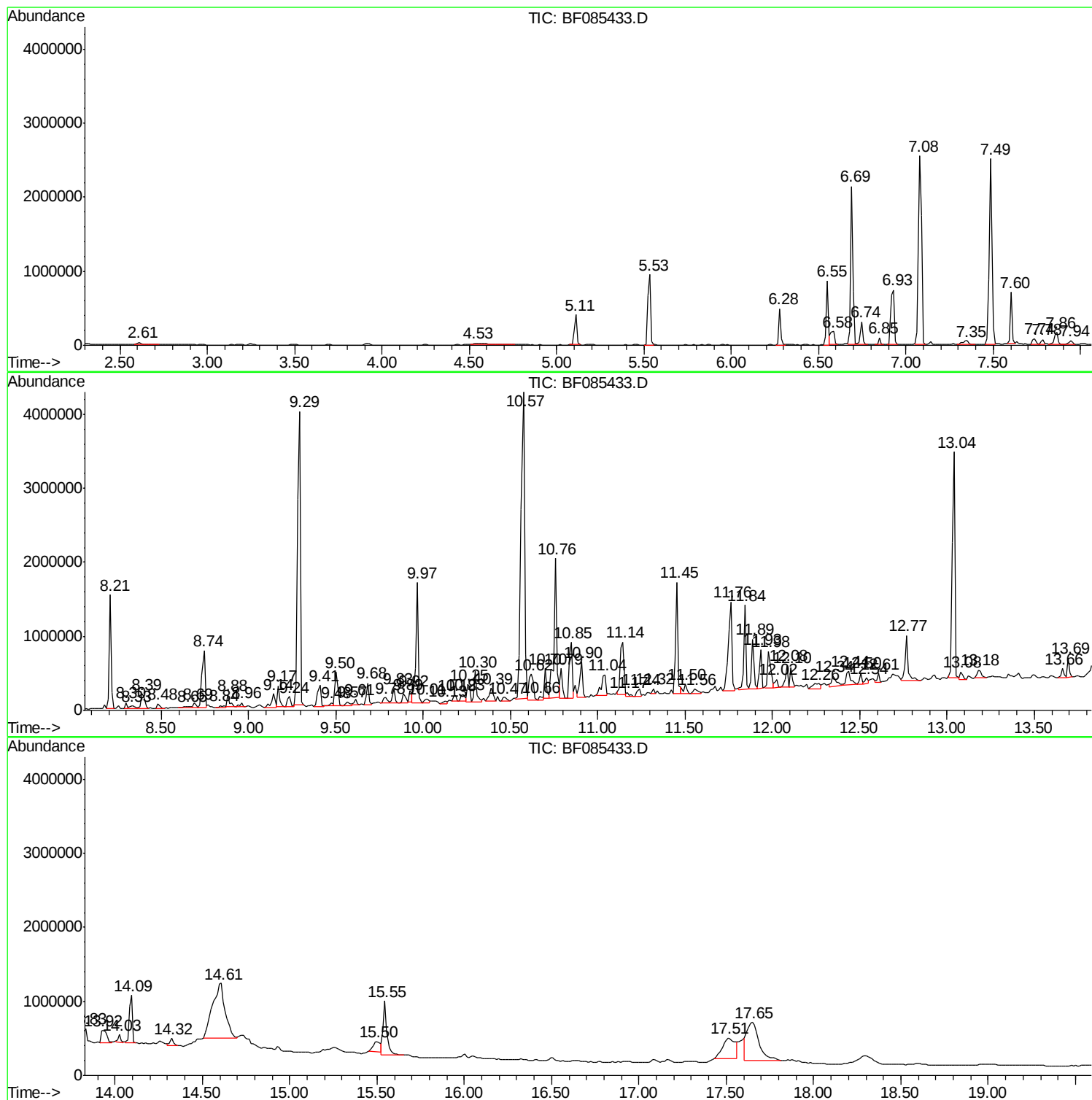
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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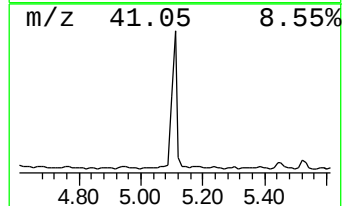
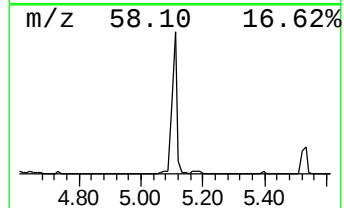
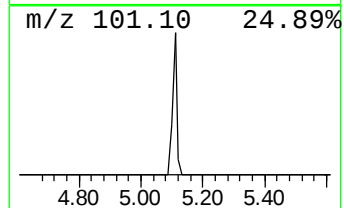
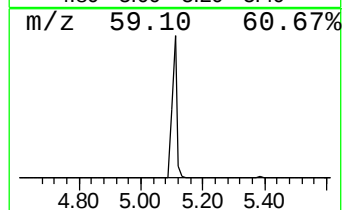
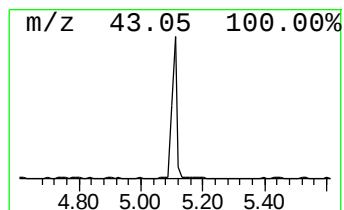
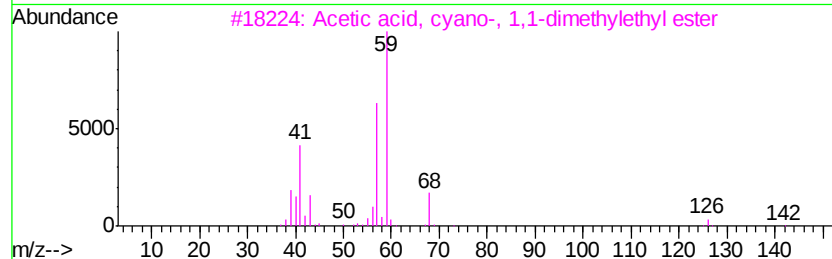
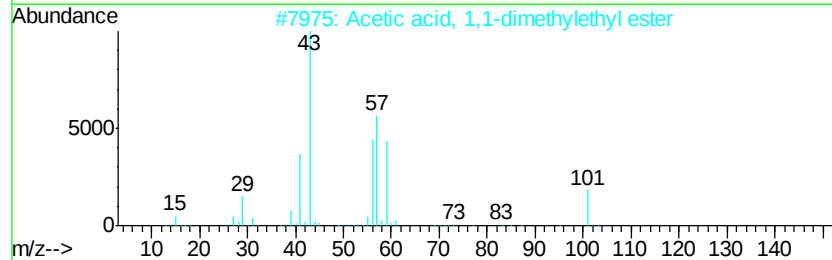
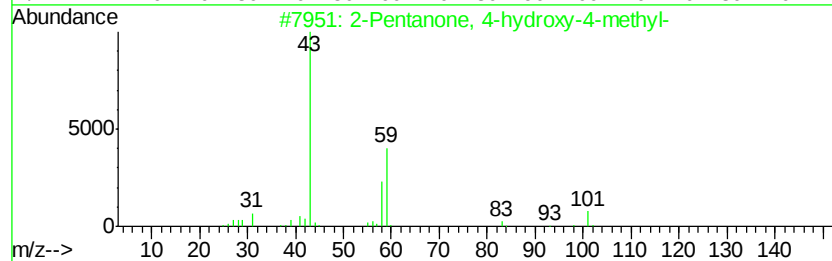
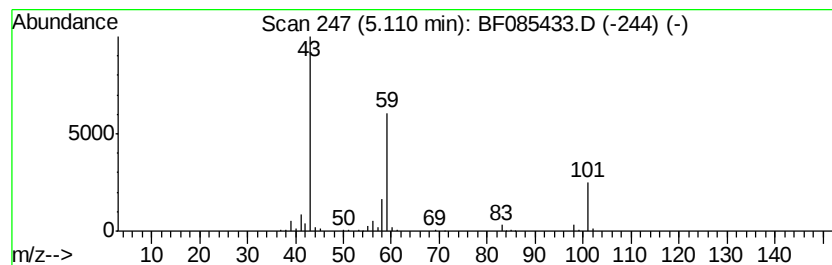
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	8.69 ng	435614	1,4-Dichlorobenzene-d4	6.93

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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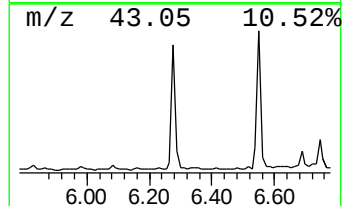
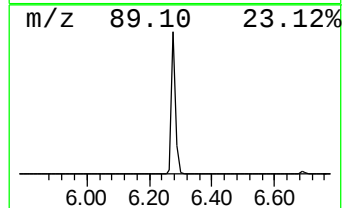
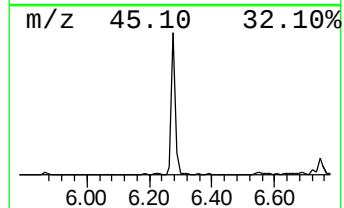
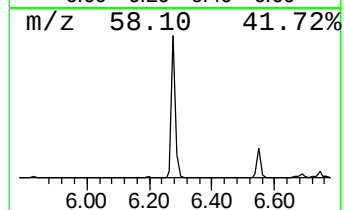
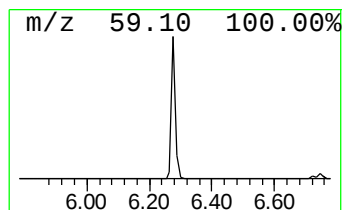
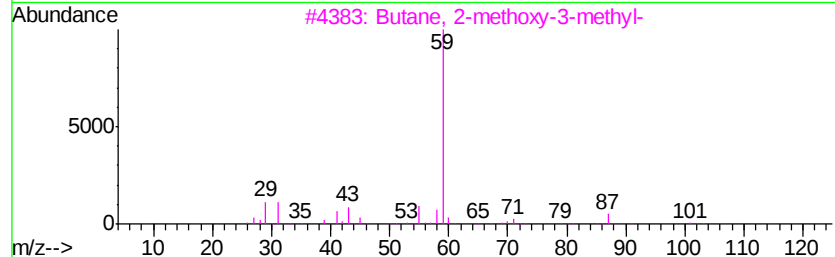
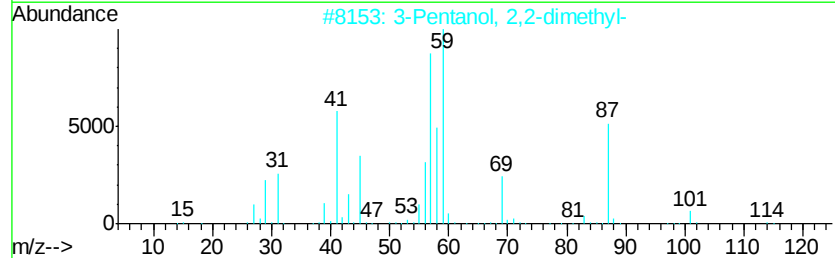
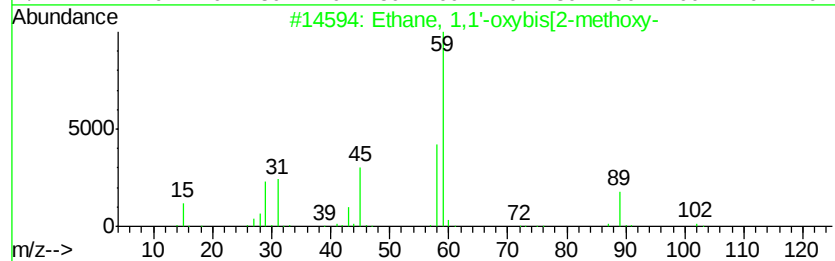
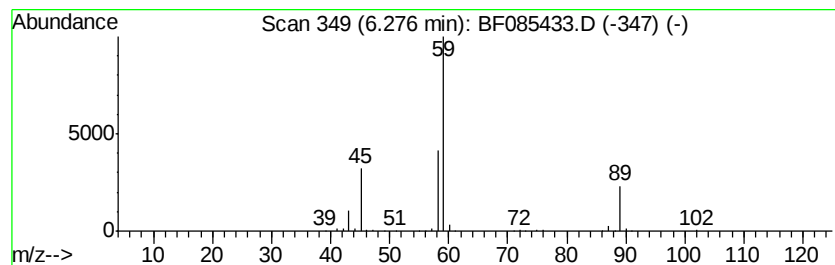
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Ethane, 1,1'-oxybis[2-methoxy- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	8.27 ng	414386	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	83
2		3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	39
3		Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	9
4		Ethanol, 2-ethoxy-	90	C4H10O2	000110-80-5	9
5		Oxirane, (ethoxymethyl)-	102	C5H10O2	004016-11-9	9



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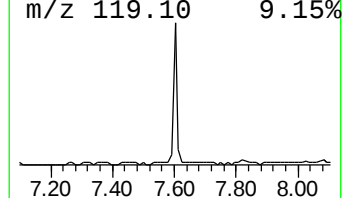
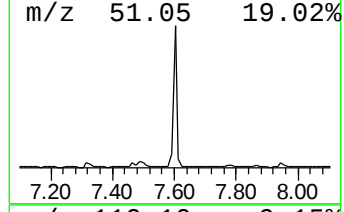
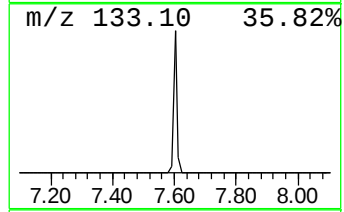
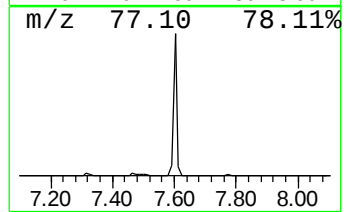
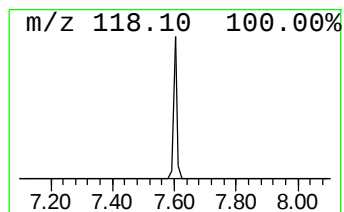
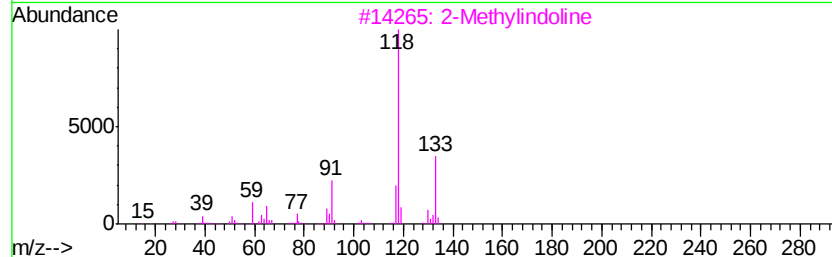
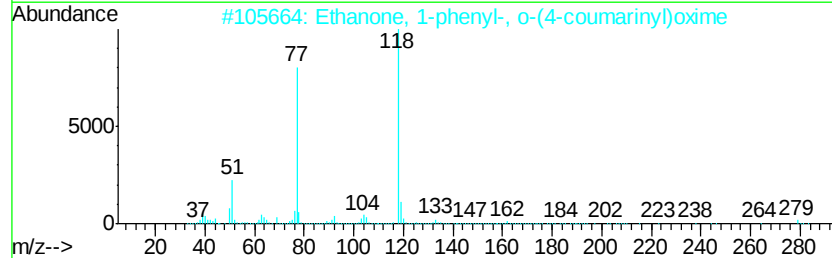
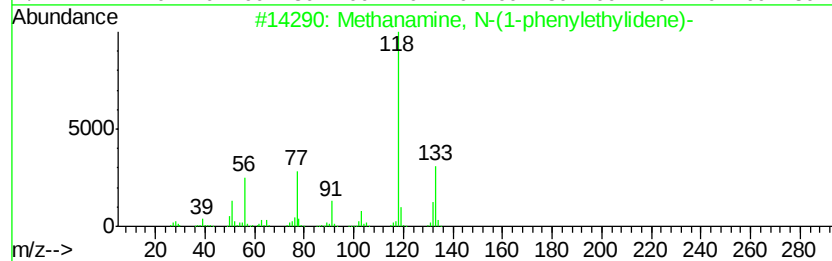
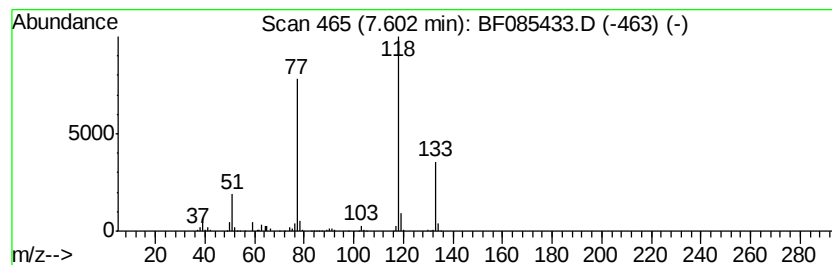
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.60 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	8.24 ng	536062	Napthalene-d8	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methanamine, N-(1-phenylethylidene...	133	C9H11N	006907-71-7	42
2		Ethanone, 1-phenyl-, o-(4-coumar...	279	C17H13NO3	034605-11-3	38
3		2-Methylindoline	133	C9H11N	006872-06-6	37
4		Benzenecarboximidoyl bromide, N-...	197	C8H8BrN	041182-85-8	37
5		1H-Indazole	118	C7H6N2	000271-44-3	27



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Operator : UM/SJ
Sample : H1760-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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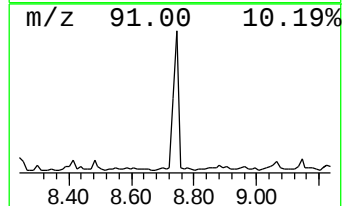
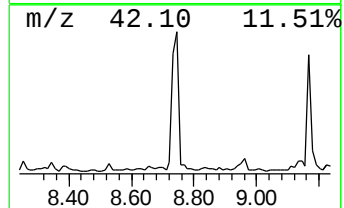
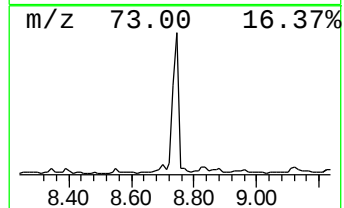
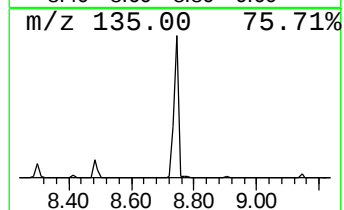
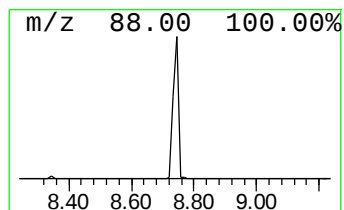
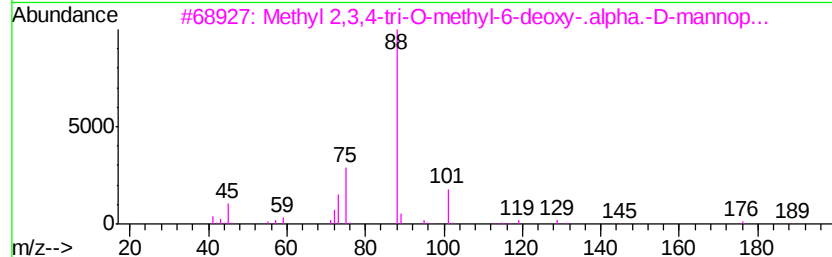
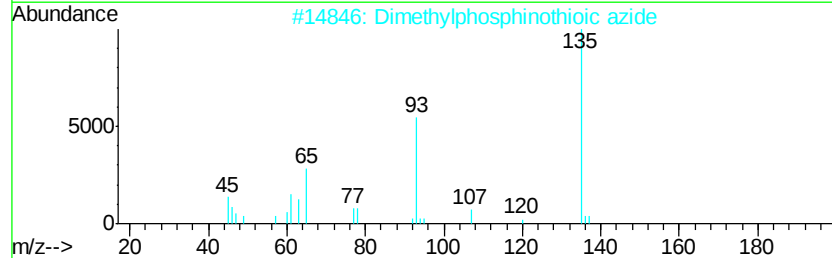
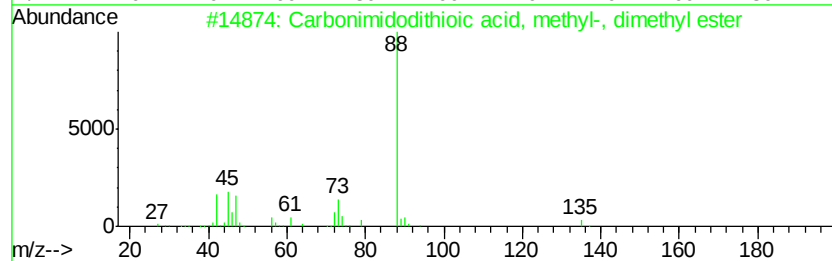
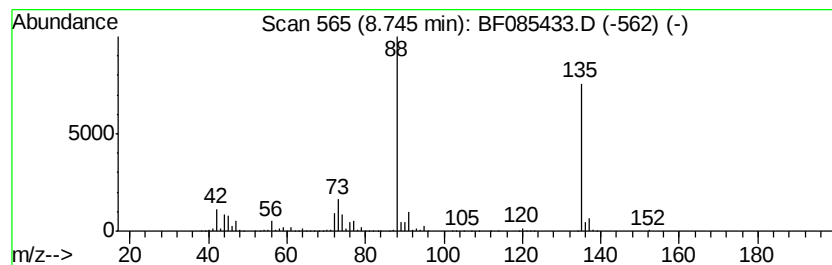
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.74 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	13.37 ng	869859	Napthalene-d8	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonimidodithioic acid, methyl...	135	C4H9NS2	018805-25-9	32
2		Dimethylphosphinothioic azide	135	C2H6N3PS	027260-90-8	27
3		Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	25
4		Benzoic acid, 3-(2,5-dichlorophe...	296	C14H10Cl2O3	1000272-90-6	25
5		Methanamine, 1,1-dimethoxy-N,N-d...	119	C5H13NO2	004637-24-5	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085433.D
Acq On : 14 Mar 2016 17:14
Operator : UM/SJ
Sample : H1760-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

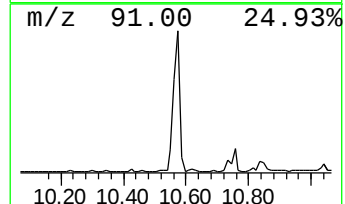
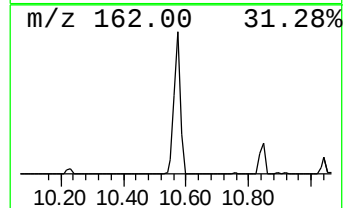
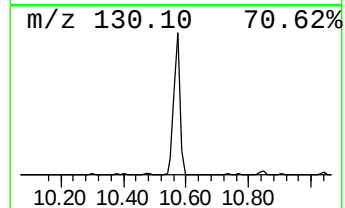
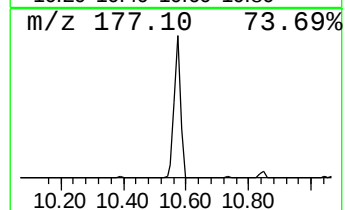
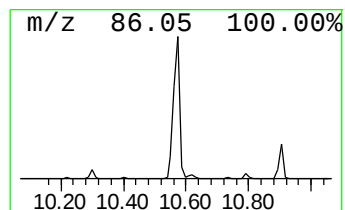
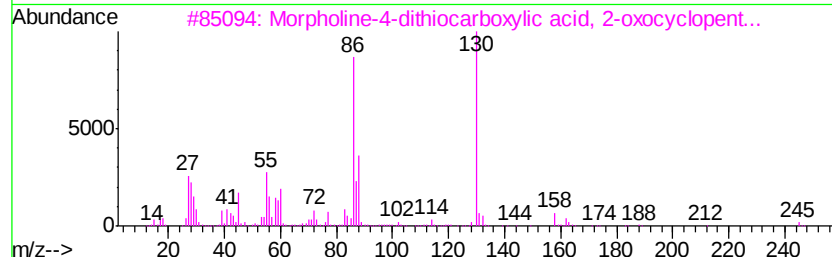
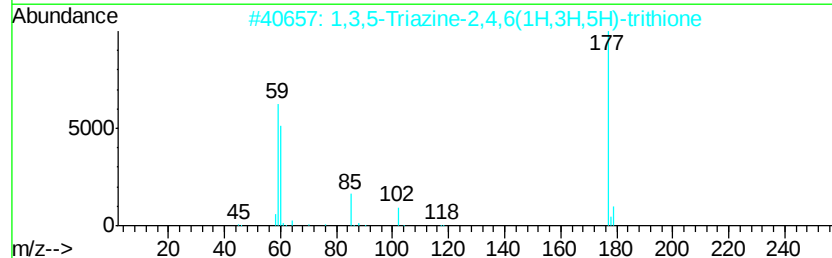
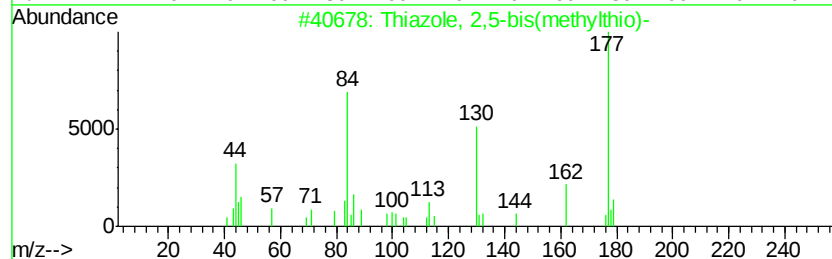
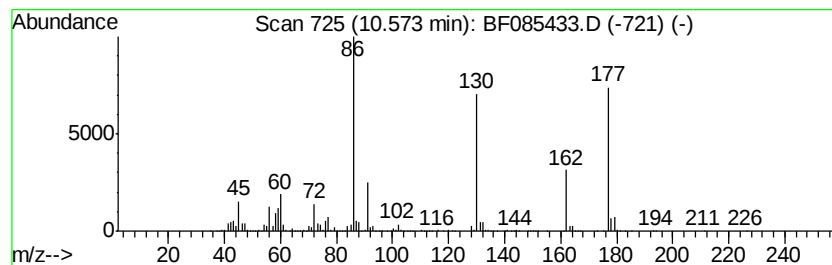
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.57	67.11 ng	5433140	Acenaphthene-d10	9.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Thiazole, 2,5-bis(methylthio)-	177	C5H7NS3	056248-20-5	38
2		1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	177	C3H3N3S3	000638-16-4	30
3		Morpholine-4-dithiocarboxylic ac...	245	C10H15N02S2	147723-54-4	27
4		5,6-Dimethoxyindole	177	C10H11N02	014430-23-0	25
5		Benzeneacetonitrile, 3,4-dimethoxy-	177	C10H11N02	000093-17-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085433.D
Acq On : 14 Mar 2016 17:14
Operator : UM/SJ
Sample : H1760-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

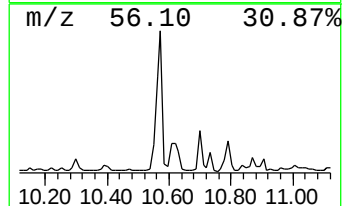
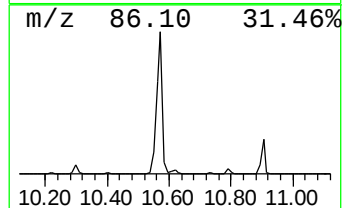
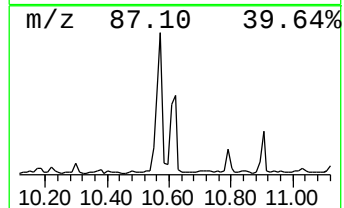
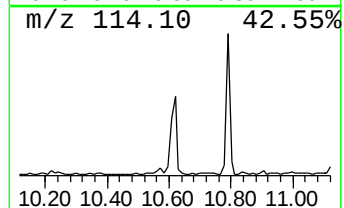
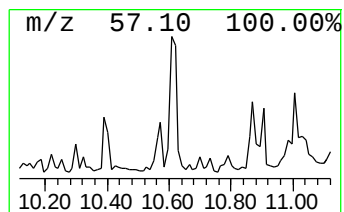
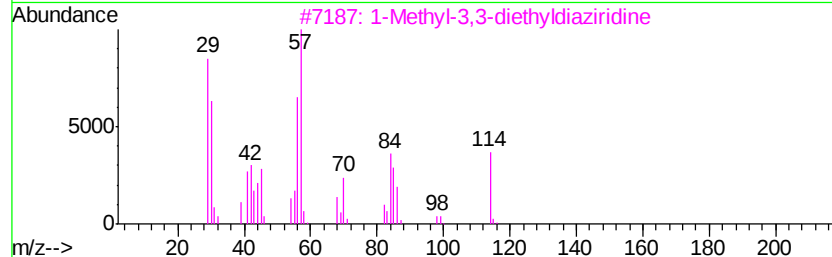
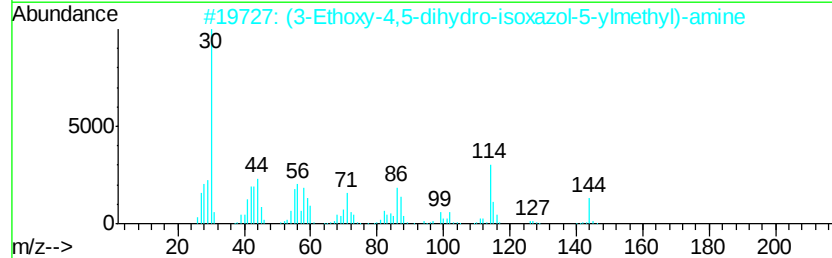
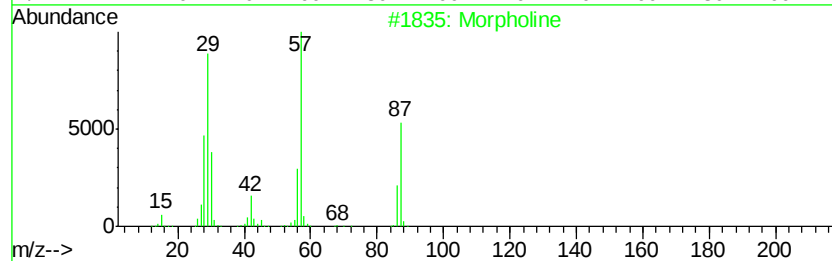
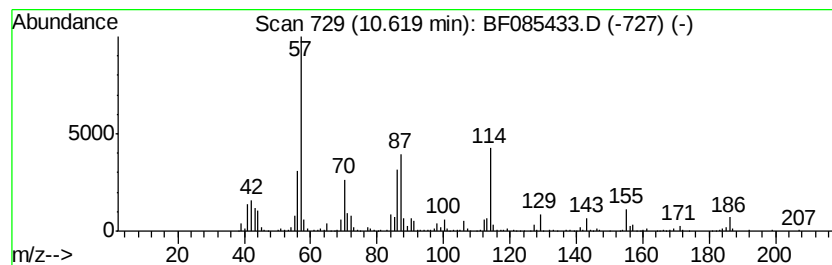
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.62 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	7.82 ng	632752	Acenaphthene-d10	9.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Morpholine	87 C4H9NO	000110-91-8 38
2		(3-Ethoxy-4,5-dihydro-isoxazol-5-ylmethyl)-amine	144 C6H12N2O2	1000185-30-8 37
3		1-Methyl-3,3-diethyldiaziridine	114 C6H14N2	052551-69-6 32
4		Morpholine, 4-propionyl-	143 C7H13NO2	030668-14-5 27
5		Ethylenediamine, N,N'-diethyl-N,...	174 C6H14N4O2	007346-14-7 27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085433.D
Acq On : 14 Mar 2016 17:14
Operator : UM/SJ
Sample : H1760-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

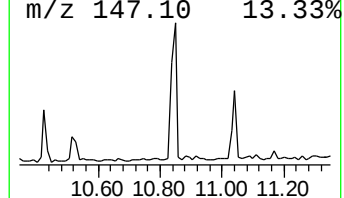
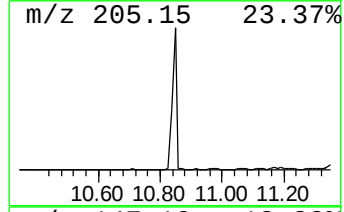
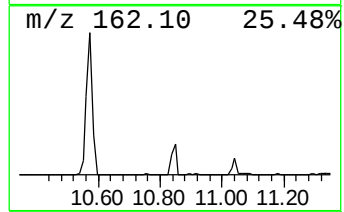
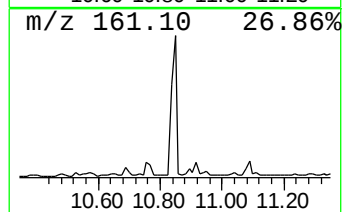
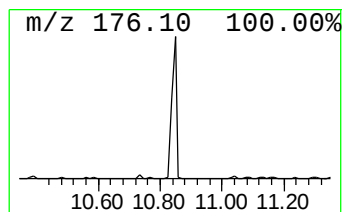
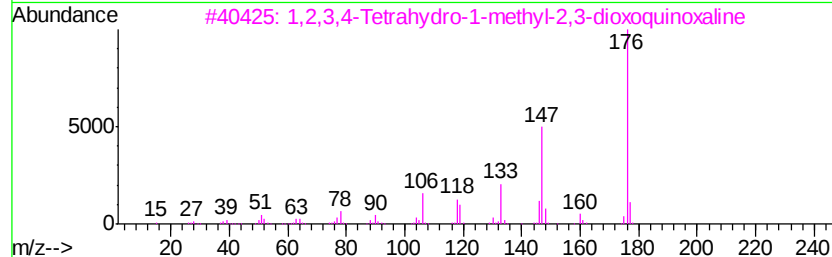
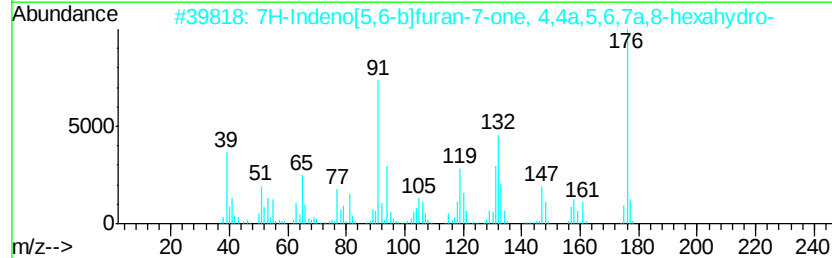
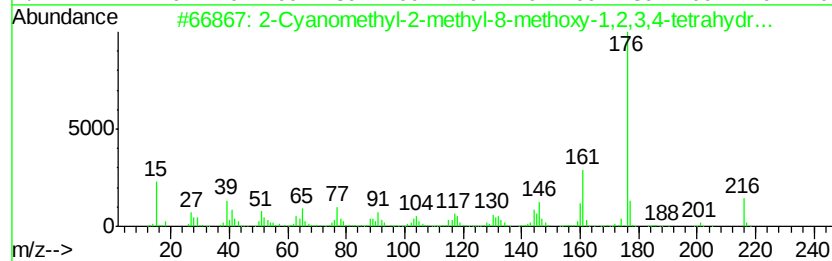
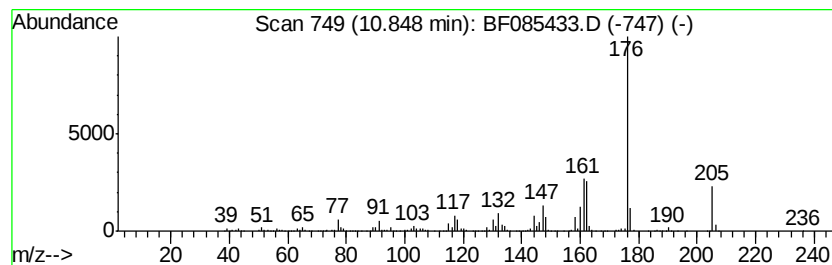
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Cyanomethyl-2-methyl-8-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.85	13.47 ng	987418	Phenanthrene-d10	11.45		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyanomethyl-2-methyl-8-methoxy...	216	C13H16N2O	1000287-23-5	53	
2	7H-Indeno[5,6-b]furan-7-one, 4,4...	176	C11H12O2	1000221-49-9	47	
3	1,2,3,4-Tetrahydro-1-methyl-2,3-...	176	C9H8N2O2	020934-51-4	43	
4	Furan, 2,2'-methylenebis[5-methyl-	176	C11H12O2	013679-43-1	43	
5	5,6,7,8-Tetrahydro-2-methyl-1,4-...	176	C11H12O2	000058-26-4	38	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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Acq On : 14 Mar 2016 17:14
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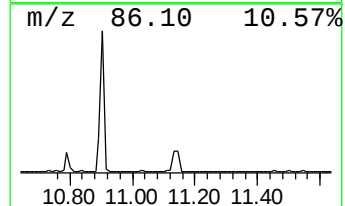
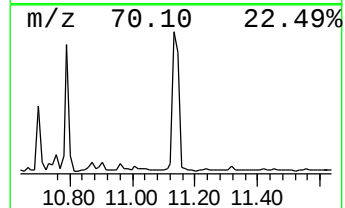
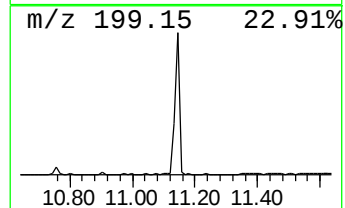
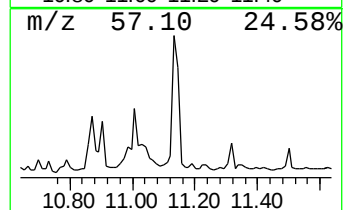
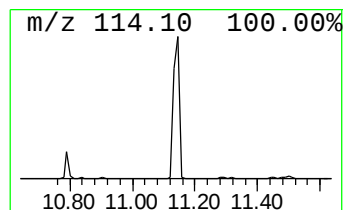
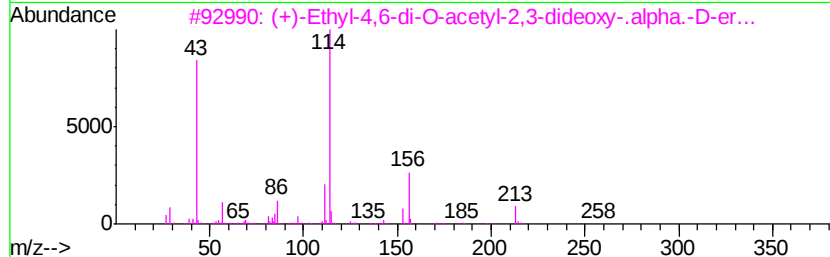
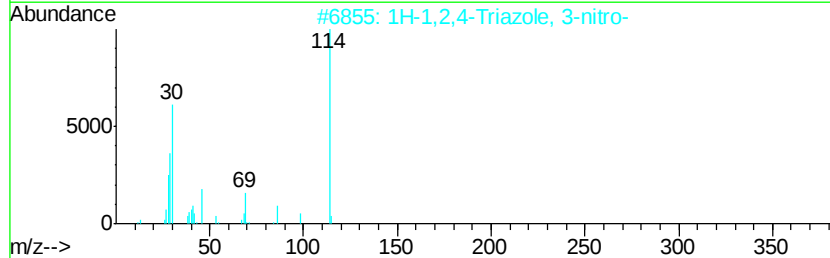
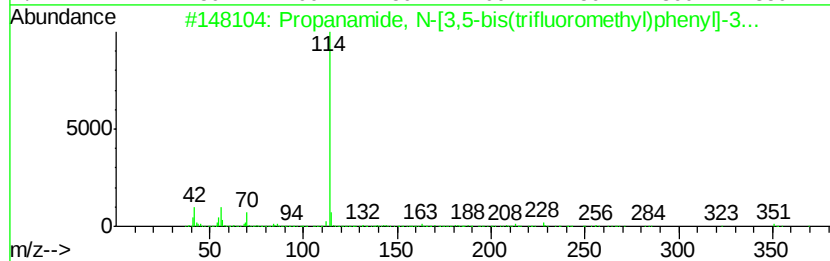
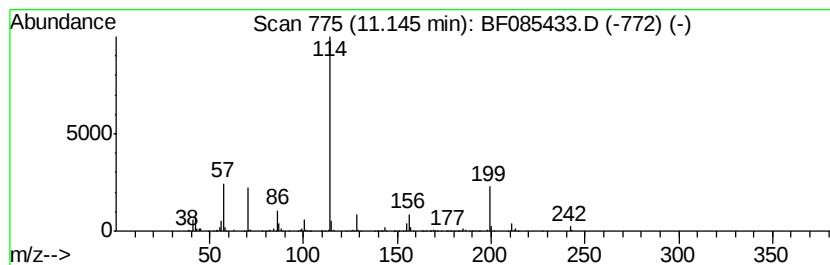
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.14 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	13.34 ng	978354	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanamide, N-[3,5-bis(trifluor...	370	C15H16F6N2O2	1000268-58-0	25
2		1H-1,2,4-Triazole, 3-nitro-	114	C2H2N4O2	024807-55-4	25
3		(+)-Ethyl-4,6-di-O-acetyl-2,3-di...	258	C12H18O6	003323-72-6	25
4		Propanamide, N-(4-bromo-3-methyl...	326	C14H19BrN2O2	284679-67-0	23
5		Thiazole, 2-amino-5-methyl-	114	C4H6N2S	007305-71-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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Acq On : 14 Mar 2016 17:14
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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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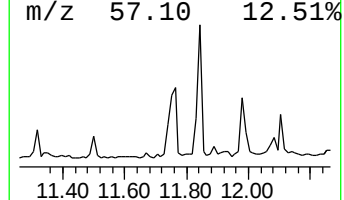
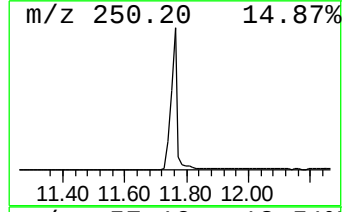
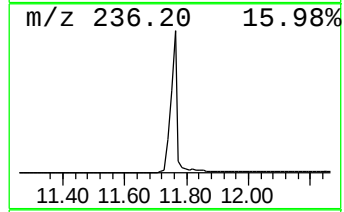
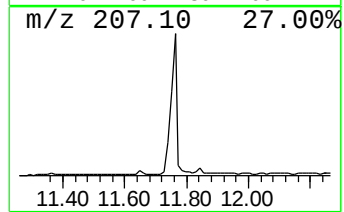
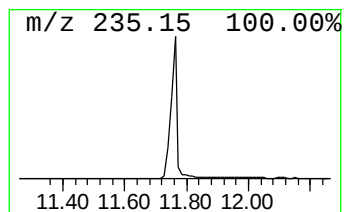
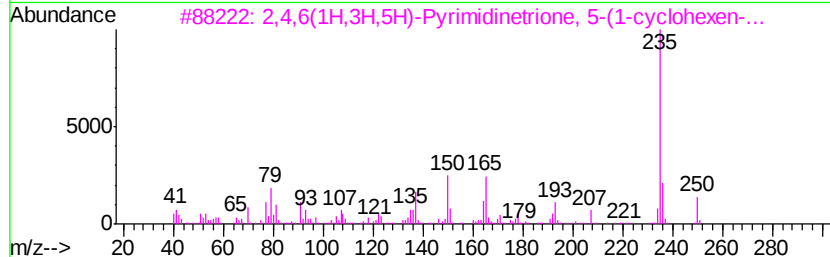
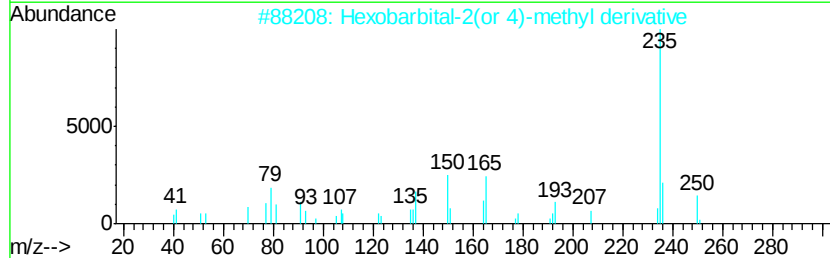
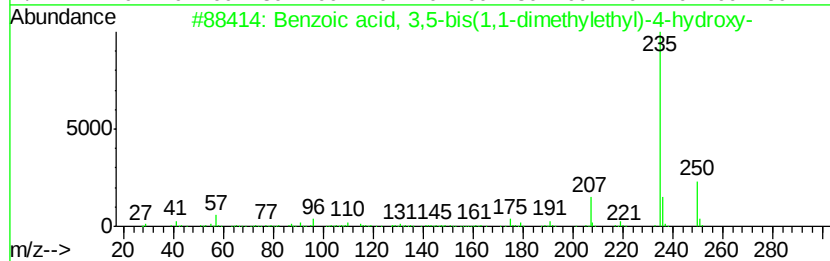
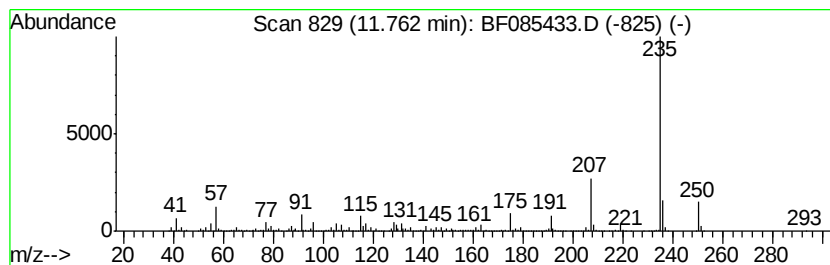
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	24.02 ng	1761300	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	95
2		Hexobarbital-2(or 4)-methyl deri...	250	C13H18N2O3	1000123-51-5	53
3		2,4,6(1H,3H,5H)-Pyrimidinetrione...	250	C13H18N2O3	000726-79-4	53
4		Benzoxazole, 2-(2-benzimidazolyl)-	235	C14H9N3O	014595-67-6	52
5		Indole, 2-(2-toluoyl)-	235	C16H13NO	001026-19-3	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085433.D
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Operator : UM/SJ
Sample : H1760-01
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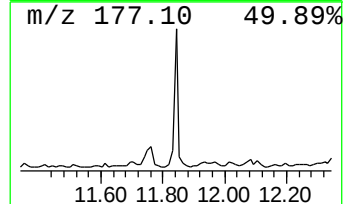
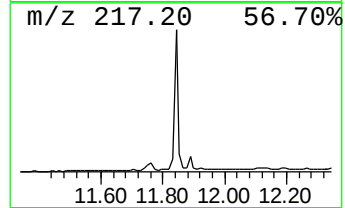
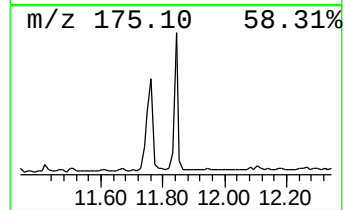
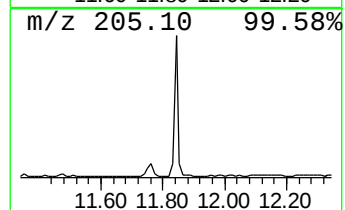
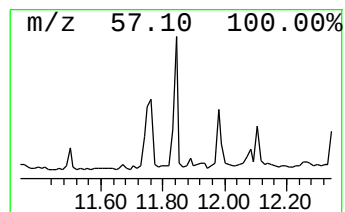
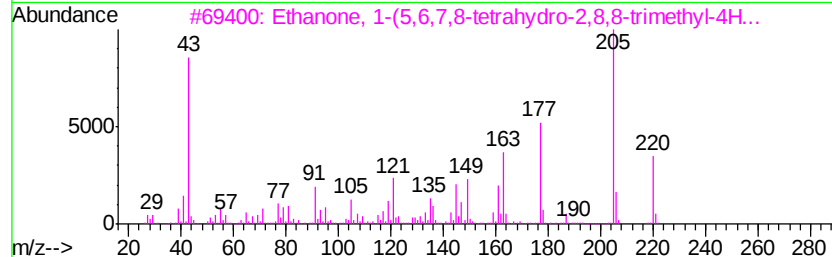
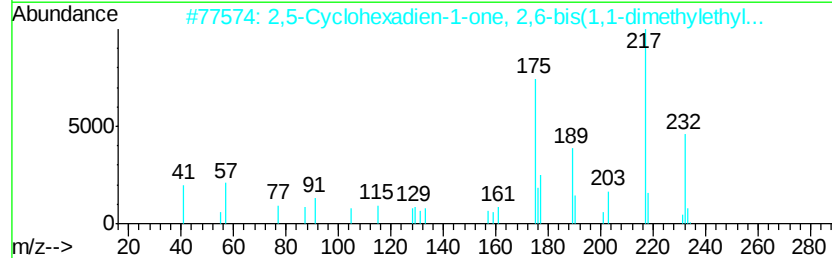
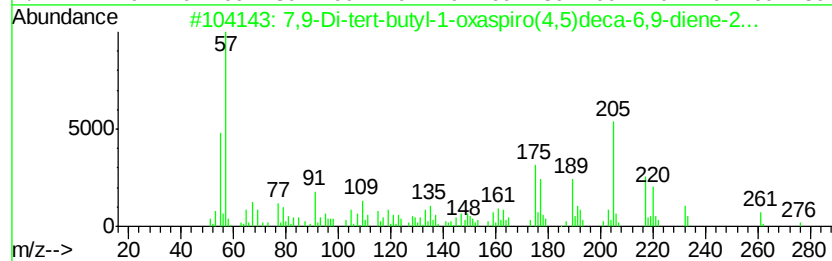
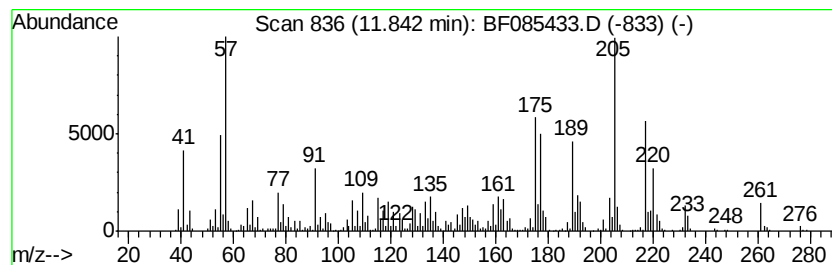
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.84	13.39 ng	981616	Phenanthrene-d10	11.45		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99	
2	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	80	
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50	
4	.alpha.-Cedrene oxide	220	C15H24O	1000159-39-1	41	
5	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	38	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085433.D
Acq On : 14 Mar 2016 17:14
Operator : UM/SJ
Sample : H1760-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

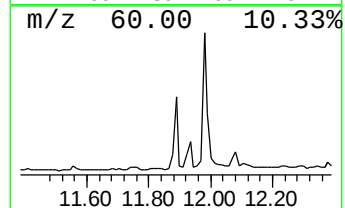
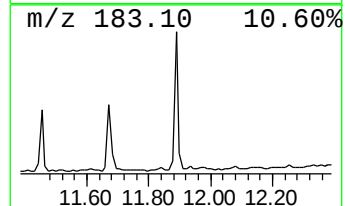
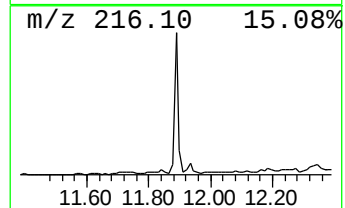
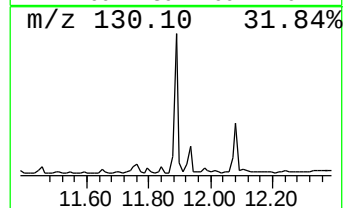
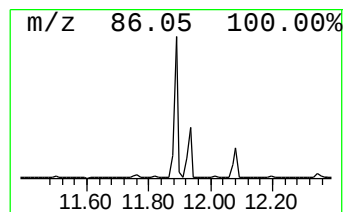
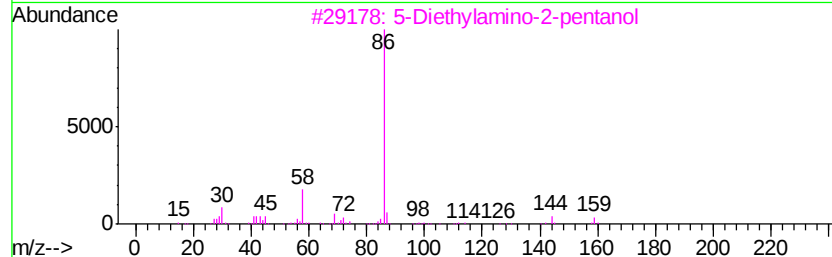
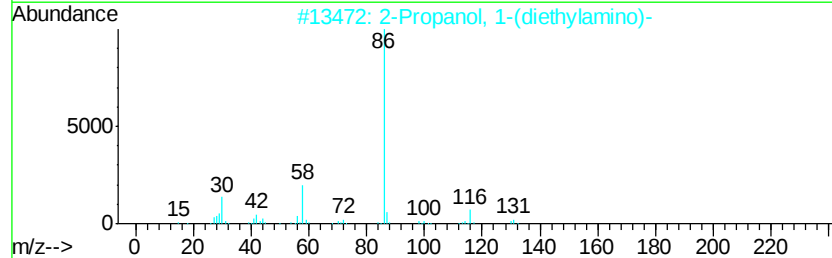
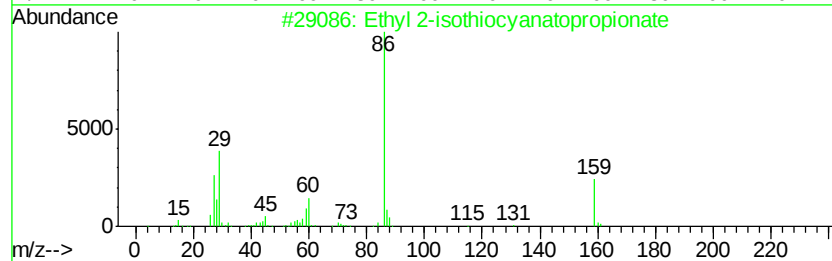
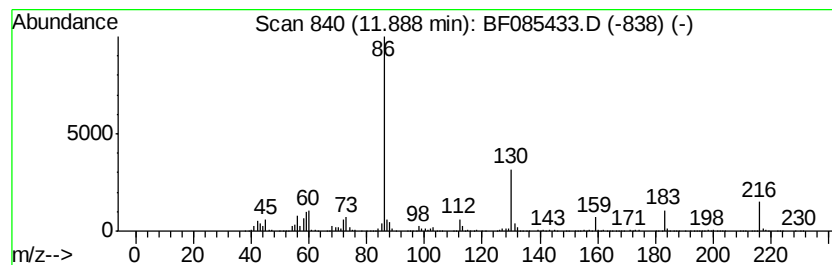
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown11.89 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.89	7.99 ng	585574	Phenanthrene-d10		11.45	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethyl 2-isothiocyanatopropionate	159	C6H9NO2S	039574-16-8	47
2		2-Propanol, 1-(diethylamino)-	131	C7H17NO	004402-32-8	43
3		5-Diethylamino-2-pentanol	159	C9H21NO	005412-69-1	43
4		Diethylaminoacetone	129	C7H15NO	001620-14-0	38
5		1,3(2H)-Benzodioxole, 2-[(diethy...	329	C17H23N5O2	071525-14-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085433.D
Acq On : 14 Mar 2016 17:14
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Sample : H1760-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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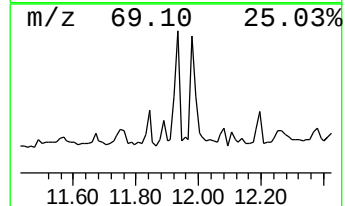
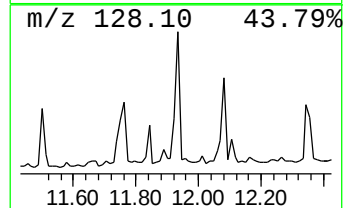
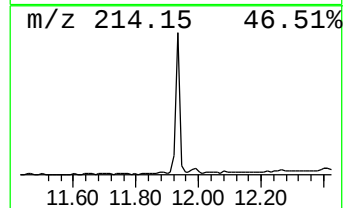
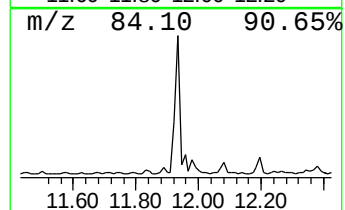
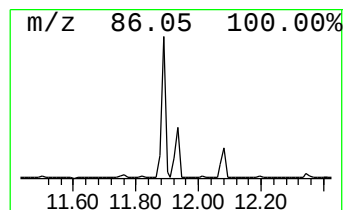
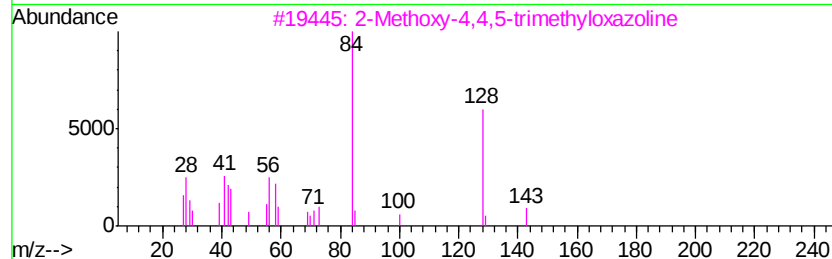
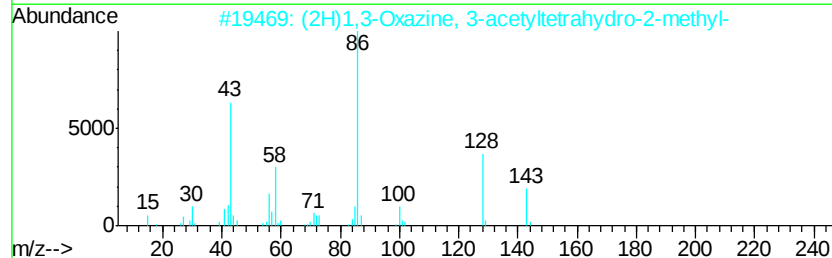
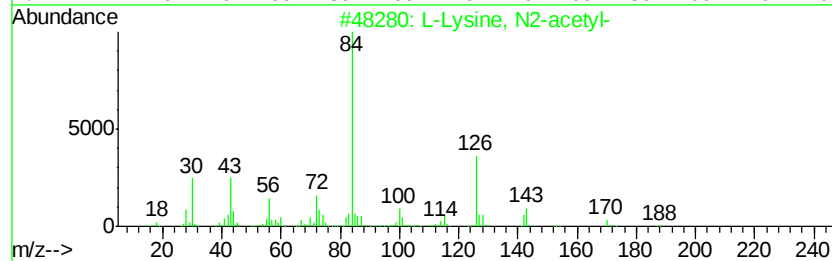
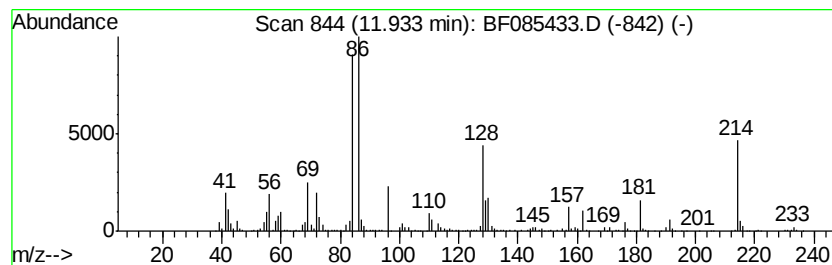
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown11.93 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	6.96 ng	510448	Phenanthrene-d10	11.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			L-Lysine, N2-acetyl-	188	C8H16N2O3	001946-82-3	22
2			(2H)1,3-Oxazine, 3-acetyltetrahy...	143	C7H13N2O2	1000115-98-9	16
3			2-Methoxy-4,4,5-trimethyloxazoline	143	C7H13N2O2	052856-05-0	12
4			L-Lysine, ethyl ester	174	C8H18N2O2	004117-33-3	11
5			L-Glutamic acid	147	C5H9NO4	000056-86-0	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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Acq On : 14 Mar 2016 17:14
Operator : UM/SJ
Sample : H1760-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

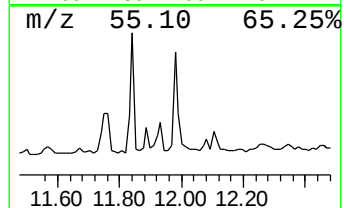
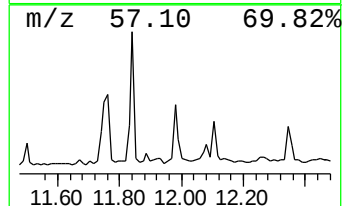
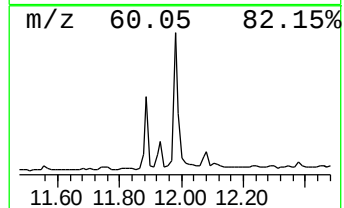
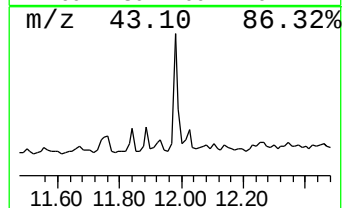
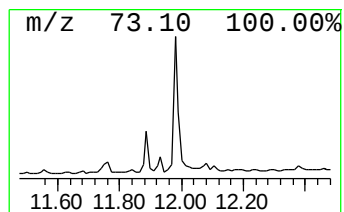
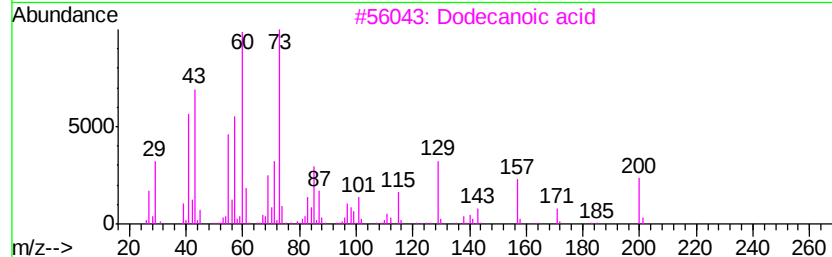
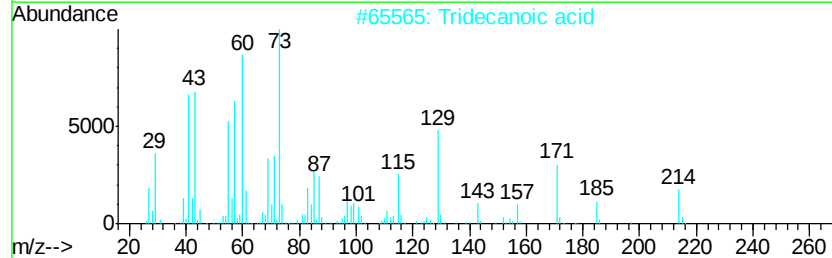
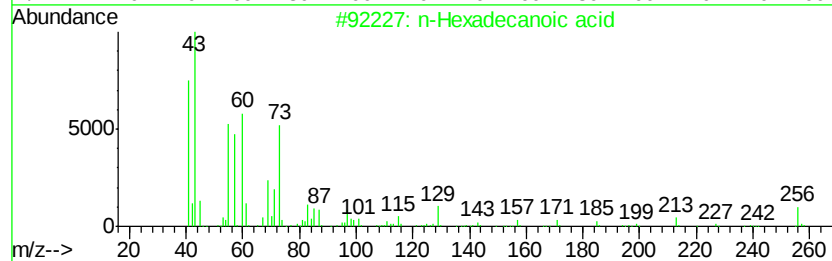
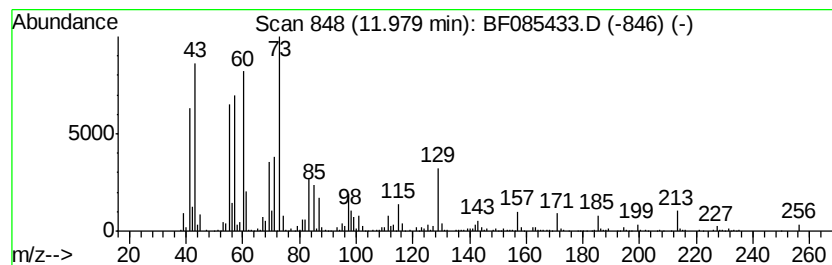
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.98	7.62 ng	559034	Phenanthrene-d10		11.45
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085433.D
Acq On : 14 Mar 2016 17:14
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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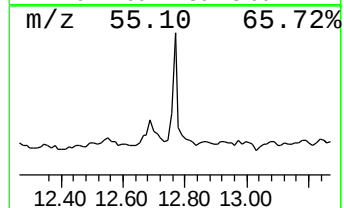
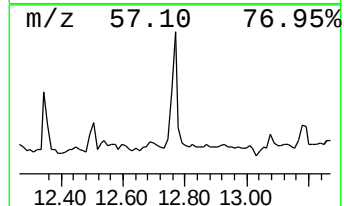
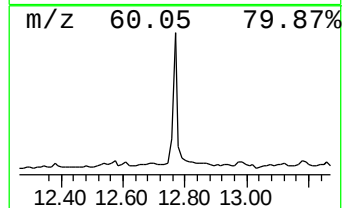
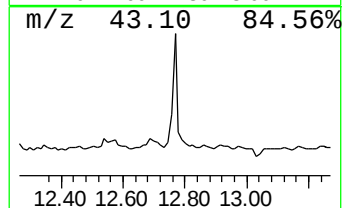
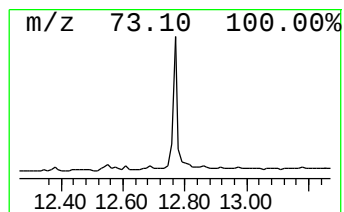
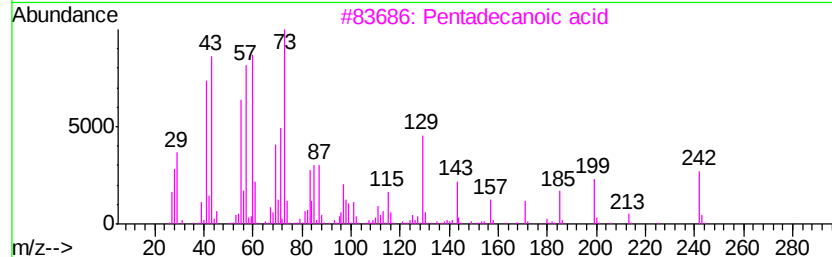
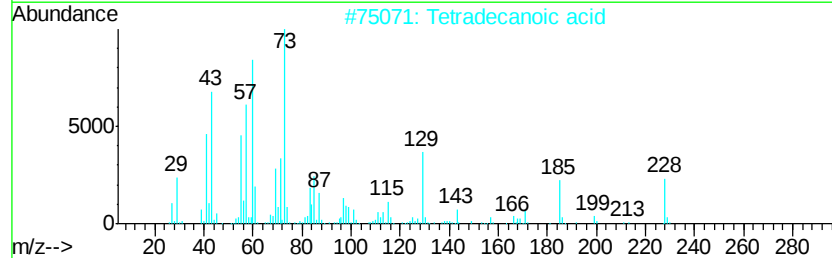
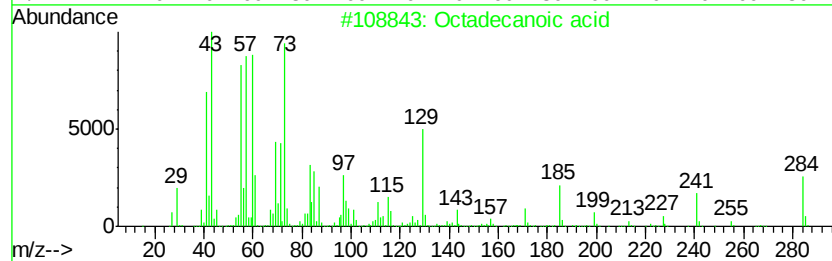
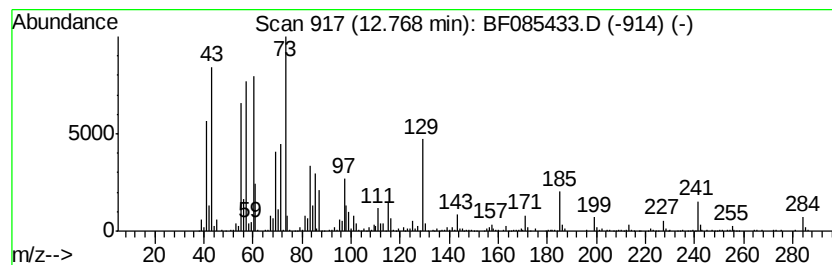
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	10.47 ng	767972	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085433.D
Acq On : 14 Mar 2016 17:14
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Misc :
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Instrument :
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ClientSampleId :
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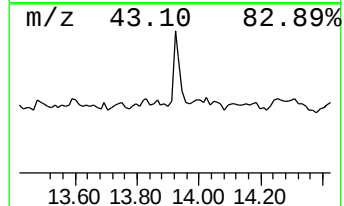
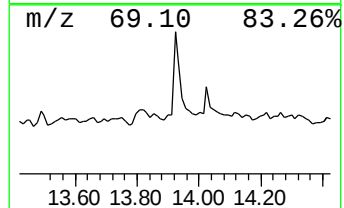
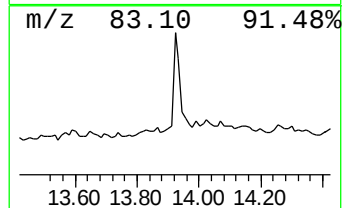
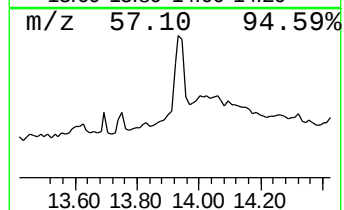
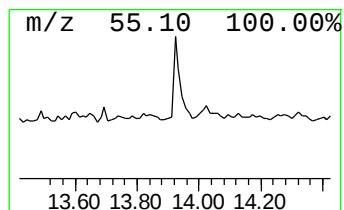
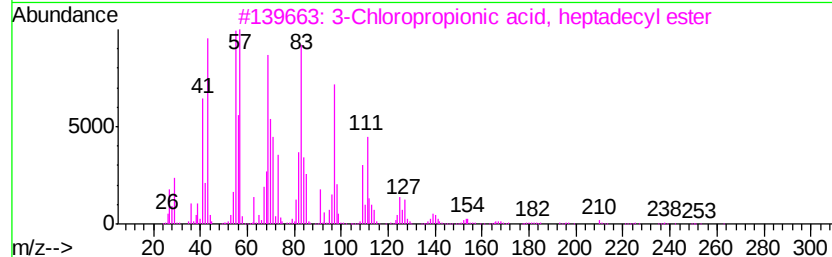
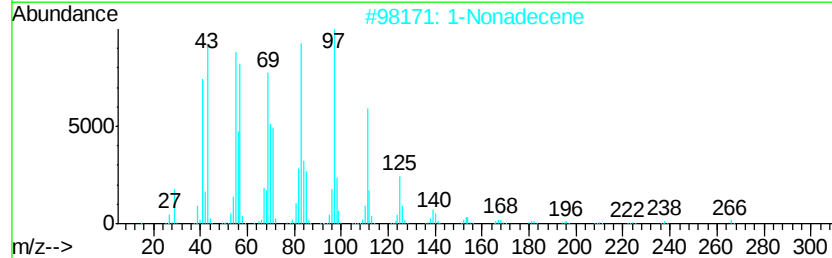
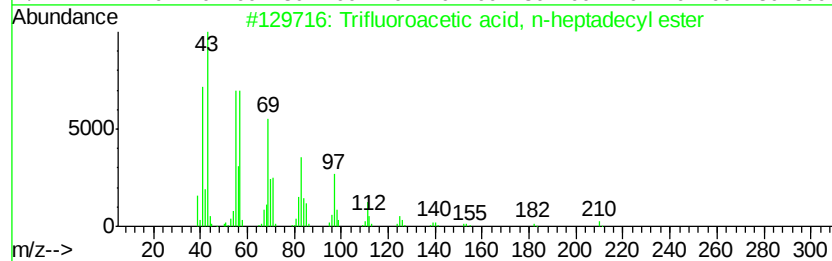
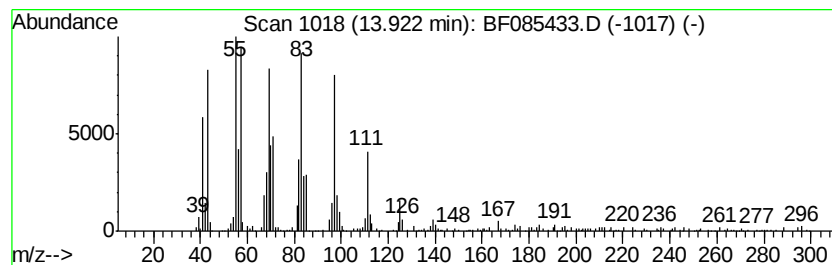
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Trifluoroacetic acid, n-hep... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	9.44 ng	382241	Chrysene-d12	14.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
2		1-Nonadecene	266	C19H38	018435-45-5	91
3		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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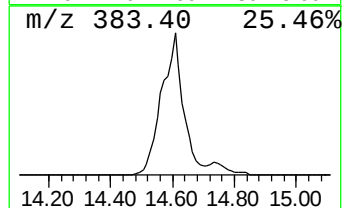
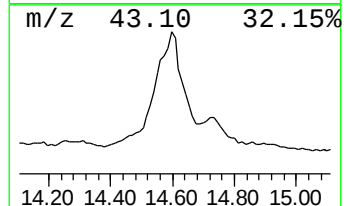
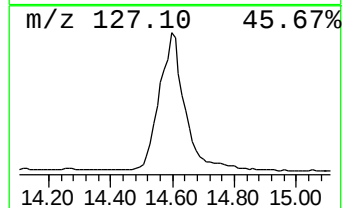
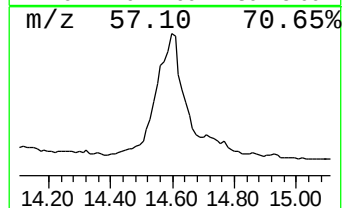
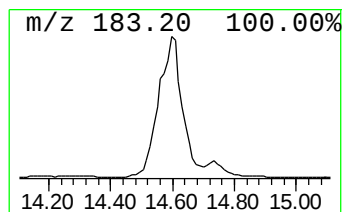
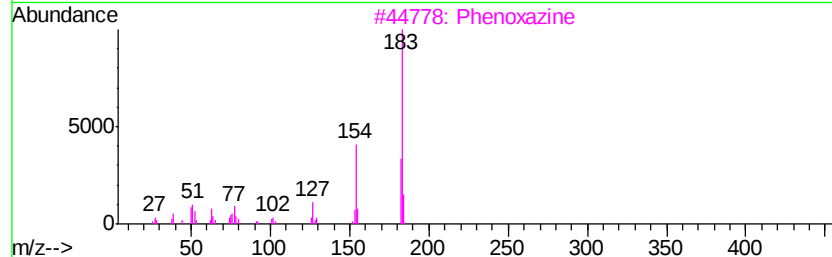
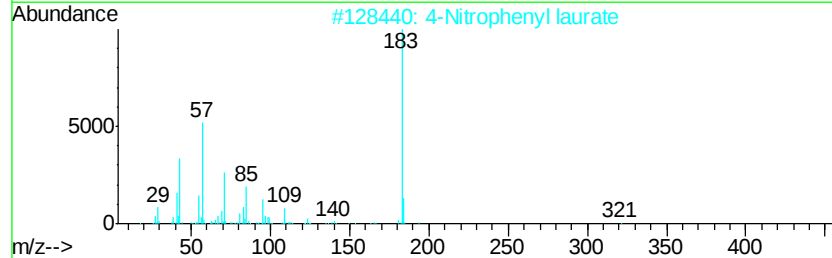
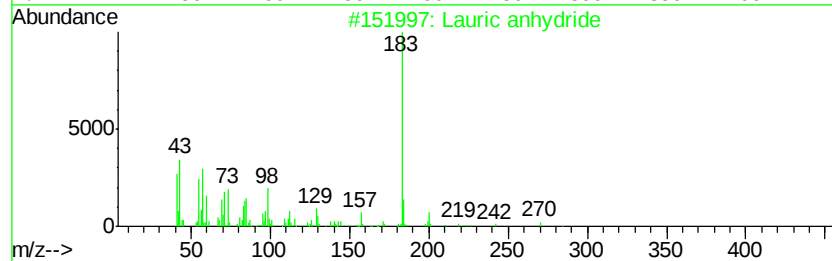
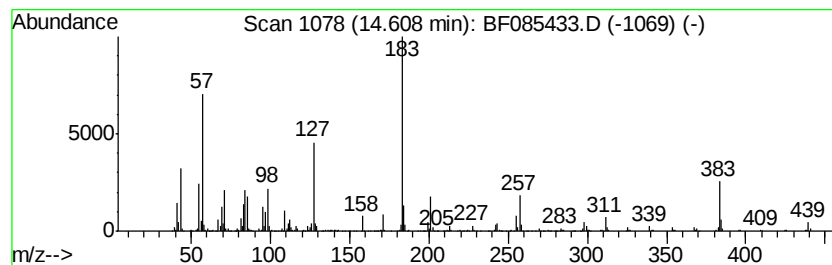
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown14.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.61	90.86 ng	3678330	Chrysene-d12	14.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Lauric anhydride	382	C24H46O3	000645-66-9	38
2		4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	38
3		Phenoxazine	183	C12H9NO	000135-67-1	35
4		2-Hydroxycarbazole	183	C12H9NO	000086-79-3	35
5		4-Methyl-5-trifluoromethyl-4H-1,...	183	C4H4F3N3S	030682-81-6	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085433.D
Acq On : 14 Mar 2016 17:14
Operator : UM/SJ
Sample : H1760-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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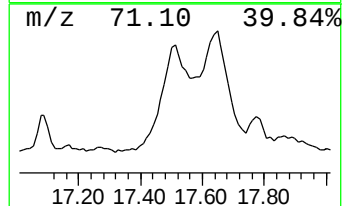
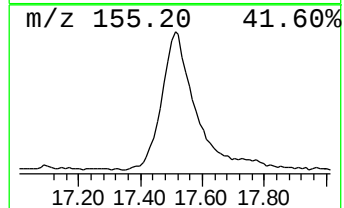
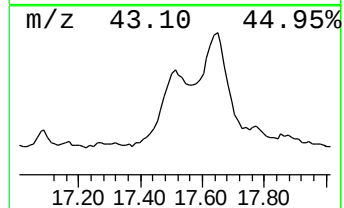
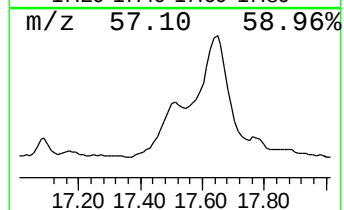
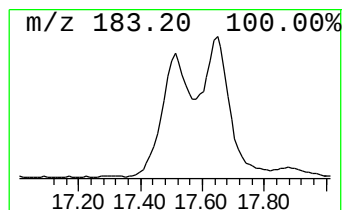
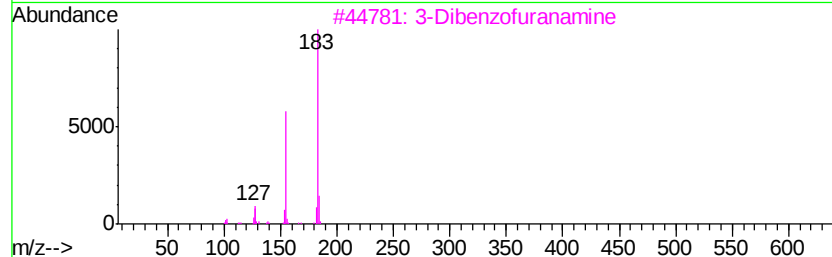
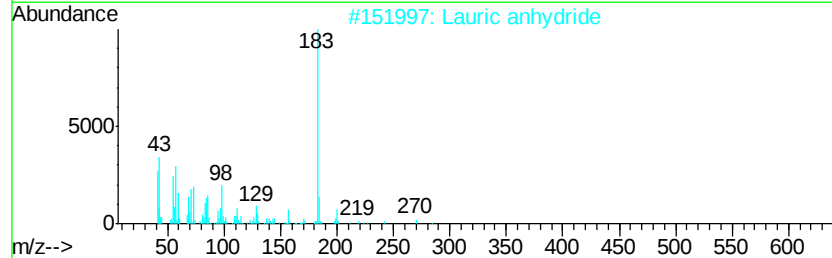
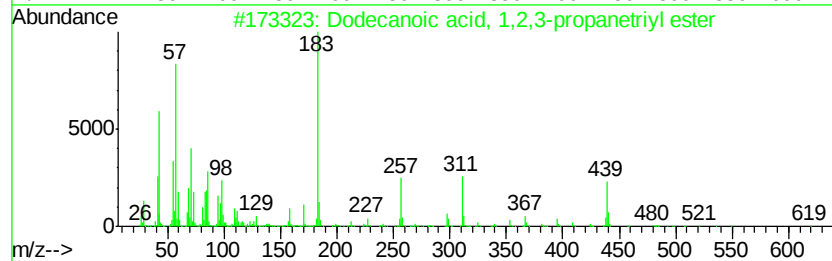
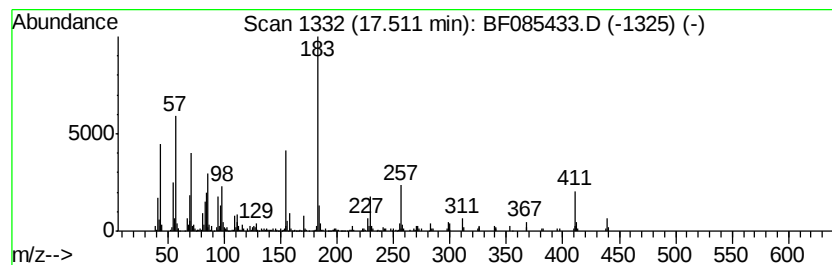
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.51 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	24.60 ng	1392990	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid, 1,2,3-propanetr...	639	C39H74O6	000538-24-9	47
2		Lauric anhydride	382	C24H46O3	000645-66-9	43
3		3-Dibenzofuranamine	183	C12H9NO	004106-66-5	42
4		5-Acetyl-2-(3-bromo-benzoylamino...	409	C17H16BrN04S	1000274-94-9	37
5		4-Nitrophenyl laurate	321	C18H27N04	001956-11-2	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085433.D
Acq On : 14 Mar 2016 17:14
Operator : UM/SJ
Sample : H1760-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SYSDIS03112016

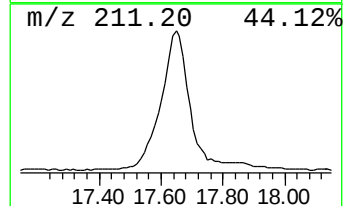
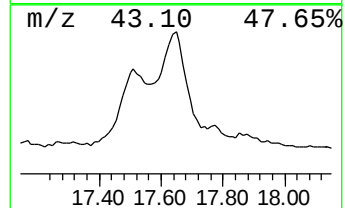
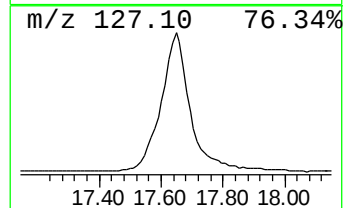
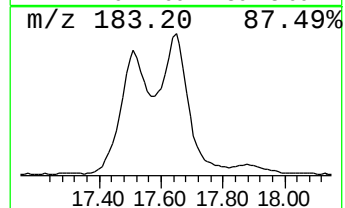
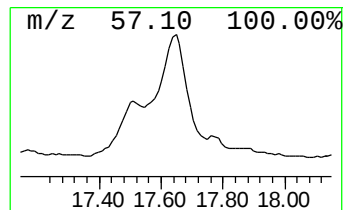
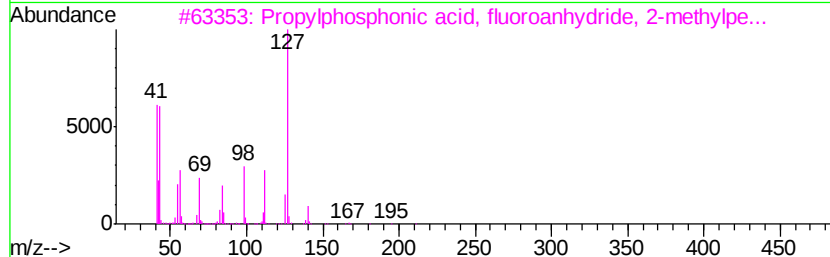
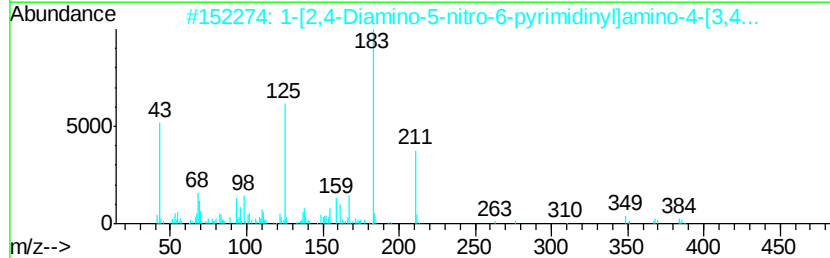
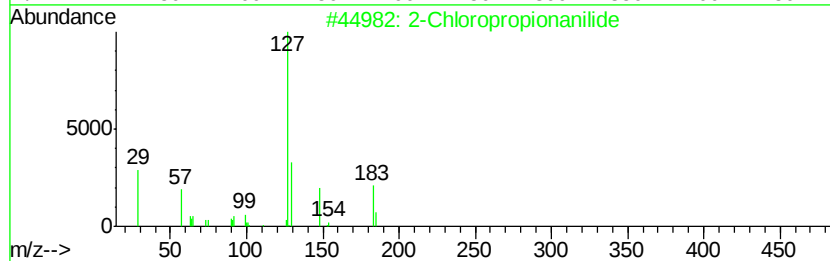
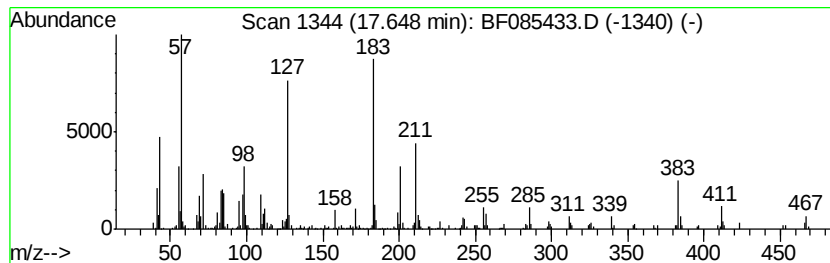
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	44.72 ng	2532420	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Chloropropionanilide	183	C9H10ClNO	002760-32-9	43
2		1-[2,4-Diamino-5-nitro-6-pyrimid...	384	C14H14Cl2N6O3	033866-16-9	27
3		Propylphosphonic acid, fluoroanh...	210	C9H20F02P	333416-27-6	22
4		2H-Azepin-2-one, hexahydro-4-met...	127	C7H13NO	003623-05-0	22
5		4-Dibenzofuranamine	183	C12H9NO	050548-43-1	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085433.D
 Acq On : 14 Mar 2016 17:14
 Operator : UM/SJ
 Sample : H1760-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS03112016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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...	5.11	8.7	ng	435614	1	6.93	1002650	20.0
Ethane, 1,1'-oxyb...	6.28	8.3	ng	414386	1	6.93	1002650	20.0
unknown7.60	7.60	8.2	ng	536062	2	8.21	1301230	20.0
unknown8.74	8.74	13.4	ng	869859	2	8.21	1301230	20.0
unknown10.57	10.57	67.1	ng	5433140	3	9.97	1619300	20.0
unknown10.62	10.62	7.8	ng	632752	3	9.97	1619300	20.0
2-Cyanomethyl-2-m...	10.85	13.5	ng	987418	4	11.45	1466630	20.0
unknown11.14	11.14	13.3	ng	978354	4	11.45	1466630	20.0
Benzoic acid, 3,5...	11.76	24.0	ng	1761300	4	11.45	1466630	20.0
7,9-Di-tert-butyl...	11.84	13.4	ng	981616	4	11.45	1466630	20.0
unknown11.89	11.89	8.0	ng	585574	4	11.45	1466630	20.0
unknown11.93	11.93	7.0	ng	510448	4	11.45	1466630	20.0
n-Hexadecanoic acid	11.98	7.6	ng	559034	4	11.45	1466630	20.0
Octadecanoic acid	12.77	10.5	ng	767972	4	11.45	1466630	20.0
Trifluoroacetic a...	13.92	9.4	ng	382241	5	14.09	809660	20.0
unknown14.61	14.61	90.9	ng	3678330	5	14.09	809660	20.0
unknown17.51	17.51	24.6	ng	1392990	6	15.55	1132590	20.0
unknown17.65	17.65	44.7	ng	2532420	6	15.55	1132590	20.0