

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083443.D
 Acq On : 3 Dec 2015 4:51
 Operator : UM/IZ
 Sample : G4583-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-04(0-6)

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-BF113015.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	4.647	257	259	273	rVB	838084	1613099	28.02%	2.767%
2	5.127	299	301	310	rBV	4343941	5117344	88.90%	8.778%
3	6.213	393	396	398	rBV	5087103	5552181	96.45%	9.524%
4	6.316	402	405	407	rBV	5399680	5585774	97.03%	9.582%
5	6.533	422	424	427	rBV	785110	908712	15.79%	1.559%
6	6.693	436	438	441	rBV	4008120	3869487	67.22%	6.638%
7	7.116	472	475	477	rBV	3357538	3788963	65.82%	6.499%
8	7.253	485	487	491	rBV	37126	63333	1.10%	0.109%
9	7.825	535	537	543	rVB2	1351650	1408585	24.47%	2.416%
10	8.213	569	571	574	rBV	57070	65119	1.13%	0.112%
11	8.545	597	600	602	rVB	65917	87972	1.53%	0.151%
12	8.636	606	608	610	rBV	72419	60812	1.06%	0.104%
13	8.785	619	621	625	rBV	74253	94976	1.65%	0.163%
14	8.910	629	632	634	rBV	5723220	5756563	100.00%	9.875%
15	9.002	639	640	642	rVB	70176	69132	1.20%	0.119%
16	9.242	659	661	662	rBV	43848	60034	1.04%	0.103%
17	9.310	665	667	669	rVV	491444	471481	8.19%	0.809%
18	9.345	669	670	674	rVB2	35425	64759	1.12%	0.111%
19	9.436	674	678	679	rBV	49940	79706	1.38%	0.137%
20	9.528	684	686	688	rBV	113640	125446	2.18%	0.215%
21	9.573	688	690	692	rVV	1440402	1417116	24.62%	2.431%
22	9.608	692	693	695	rVB	133915	100124	1.74%	0.172%
23	9.779	704	708	710	rBV3	41459	74454	1.29%	0.128%
24	9.996	723	727	728	rBV3	40863	73152	1.27%	0.125%
25	10.031	728	730	731	rVB	151667	140360	2.44%	0.241%
26	10.111	736	737	739	rVV	73002	80754	1.40%	0.139%
27	10.248	746	749	750	rBV	86548	122124	2.12%	0.209%
28	10.362	756	759	762	rBV	3166663	3212237	55.80%	5.510%
29	10.511	769	772	775	rBV	136572	267515	4.65%	0.459%
30	10.602	778	780	782	rVB2	56427	70245	1.22%	0.120%
31	10.636	782	783	788	rBV3	36430	82664	1.44%	0.142%
32	10.716	788	790	792	rBV2	39255	68955	1.20%	0.118%
33	10.842	800	801	804	rVB3	38219	60229	1.05%	0.103%
34	10.991	813	814	816	rBV	70951	95546	1.66%	0.164%

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35	11.105	822	824	829	rBV2	1000625	1671019	29.03%	2.866%
36	11.196	829	832	835	rVB	125477	160525	2.79%	0.275%
37	11.391	847	849	853	rVB	46846	63221	1.10%	0.108%
38	11.505	857	859	862	rVB	61956	77750	1.35%	0.133%
39	11.596	863	867	872	rVB6	22447	58692	1.02%	0.101%
40	11.711	875	877	879	rBV	73962	85428	1.48%	0.147%
41	11.745	879	880	883	rVB	85524	103966	1.81%	0.178%
42	11.814	883	886	887	rBV	183421	258140	4.48%	0.443%
43	11.848	887	889	891	rVV2	189787	281243	4.89%	0.482%
44	11.882	891	892	897	rVB2	66245	73676	1.28%	0.126%
45	12.134	912	914	920	rVB5	33379	87210	1.51%	0.150%
46	12.225	920	922	924	rBV	45254	61088	1.06%	0.105%
47	12.442	937	941	943	rBV2	70900	157436	2.73%	0.270%
48	12.499	943	946	948	rVV2	47834	118132	2.05%	0.203%
49	12.557	948	951	954	rVB3	43617	106209	1.85%	0.182%
50	12.637	955	958	961	rBV	641923	718287	12.48%	1.232%
51	12.717	962	965	968	rBV2	52483	89359	1.55%	0.153%
52	12.774	968	970	973	rVB2	44718	80634	1.40%	0.138%
53	12.888	977	980	982	rBV2	74750	143583	2.49%	0.246%
54	12.945	982	985	987	rVV	742255	961330	16.70%	1.649%
55	13.002	987	990	994	rVB5	42694	112549	1.96%	0.193%
56	13.197	1004	1007	1010	rVB	2808027	4667935	81.09%	8.007%
57	13.277	1010	1014	1017	rBV3	52912	93763	1.63%	0.161%
58	13.437	1025	1028	1032	rVB2	99438	199507	3.47%	0.342%
59	13.528	1033	1036	1038	rVB2	75459	98000	1.70%	0.168%
60	13.574	1038	1040	1044	rBV4	68464	160606	2.79%	0.275%
61	13.711	1049	1052	1054	rVB	49945	78724	1.37%	0.135%
62	13.757	1054	1056	1059	rBV	57586	96739	1.68%	0.166%
63	13.928	1068	1071	1074	rBV	105484	176884	3.07%	0.303%
64	14.008	1075	1078	1081	rVB	139160	206598	3.59%	0.354%
65	14.145	1087	1090	1092	rBV2	86914	200767	3.49%	0.344%
66	14.202	1092	1095	1098	rVV2	169264	296764	5.16%	0.509%
67	14.260	1098	1100	1103	rVB2	66686	117113	2.03%	0.201%
68	14.340	1104	1107	1109	rVV	51186	87883	1.53%	0.151%
69	14.385	1109	1111	1115	rVV2	54190	142048	2.47%	0.244%
70	14.488	1118	1120	1125	rVB2	115381	219852	3.82%	0.377%
71	14.637	1131	1133	1135	rBV2	161720	327388	5.69%	0.562%

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72	14.682	1135	1137	1138	rVV	103177	126353	2.19%	0.217%
73	14.728	1138	1141	1143	rBV2	688215	1151540	20.00%	1.975%
74	14.877	1152	1154	1156	rVB	59507	84891	1.47%	0.146%
75	15.048	1166	1169	1171	rVB2	57114	108568	1.89%	0.186%
76	15.105	1171	1174	1177	rBV3	57715	143311	2.49%	0.246%
77	15.163	1177	1179	1182	rVV	120627	189589	3.29%	0.325%
78	15.220	1182	1184	1189	rVV	43192	73338	1.27%	0.126%
79	15.631	1217	1220	1227	rVB	111681	248206	4.31%	0.426%
80	15.837	1235	1238	1239	rBV	56719	100735	1.75%	0.173%
81	15.871	1239	1241	1244	rVB	95441	131963	2.29%	0.226%
82	16.283	1274	1277	1279	rBV	262205	499046	8.67%	0.856%
83	16.420	1287	1289	1292	rVB	60813	90065	1.56%	0.154%
84	16.648	1307	1309	1311	rVV	177025	233721	4.06%	0.401%
85	16.717	1312	1315	1318	rVB	221584	298329	5.18%	0.512%
86	16.797	1319	1322	1328	rVV	581276	945712	16.43%	1.622%
87	17.517	1382	1385	1392	rVB9	42729	128457	2.23%	0.220%
88	18.169	1439	1442	1447	rVB2	100206	205386	3.57%	0.352%
89	18.546	1472	1475	1480	rVB	89160	188956	3.28%	0.324%

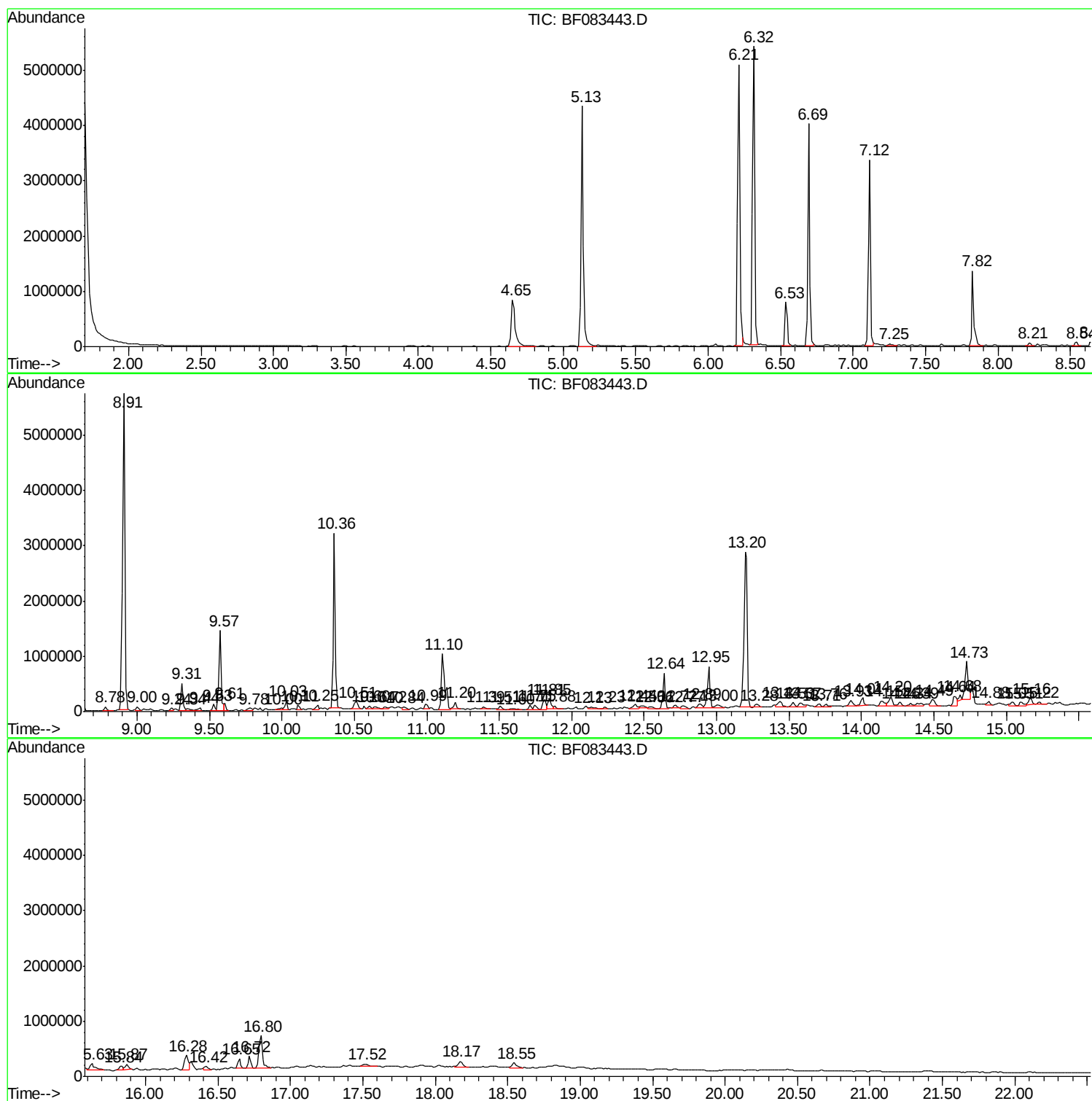
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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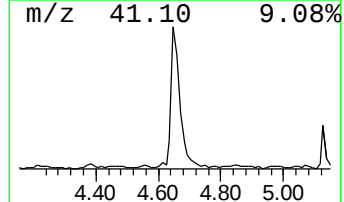
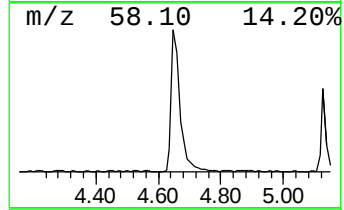
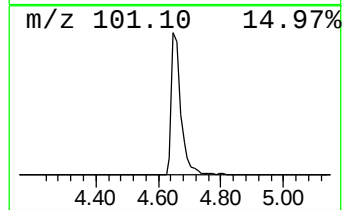
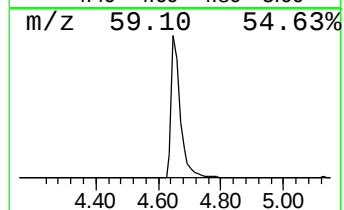
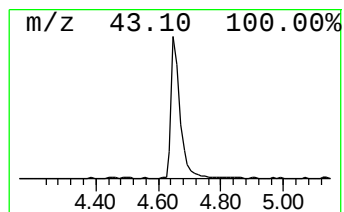
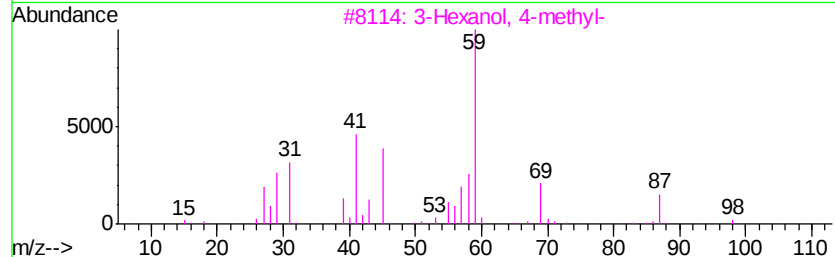
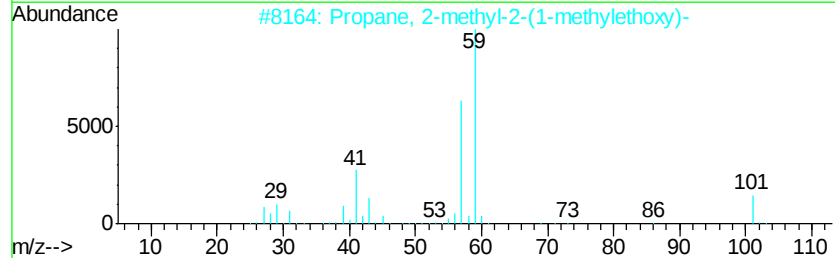
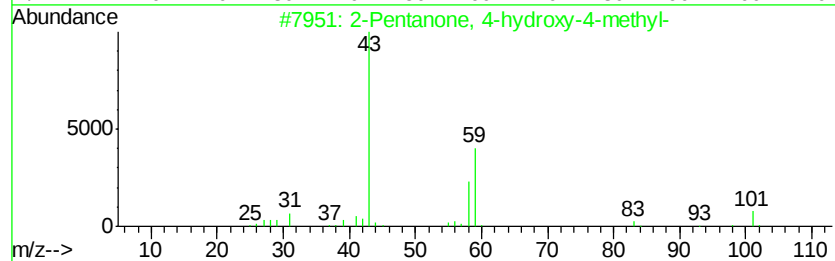
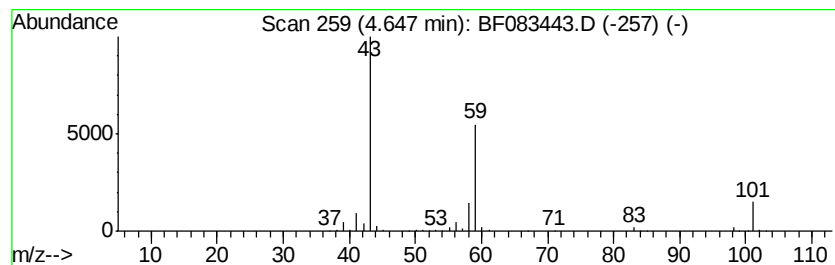
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.65	35.50 ng	1613100	1,4-Dichlorobenzene-d4	6.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



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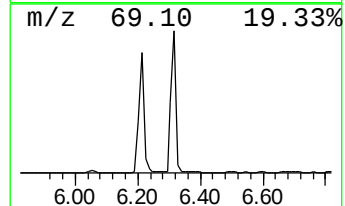
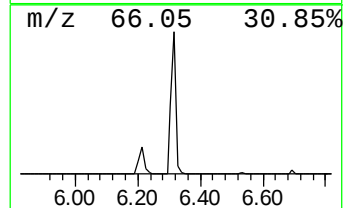
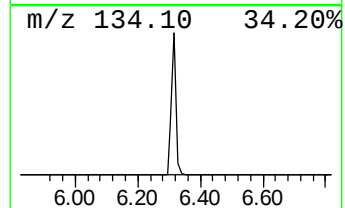
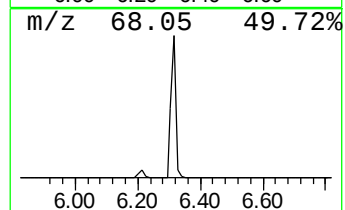
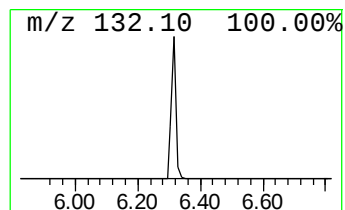
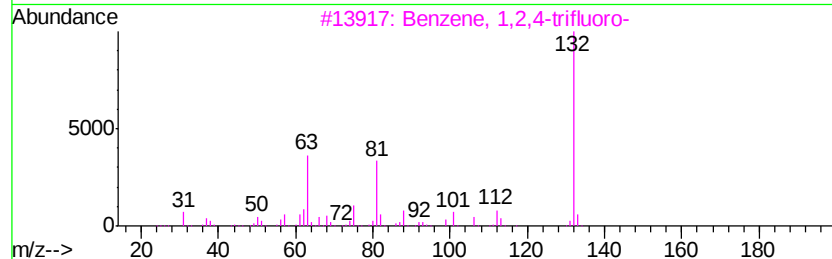
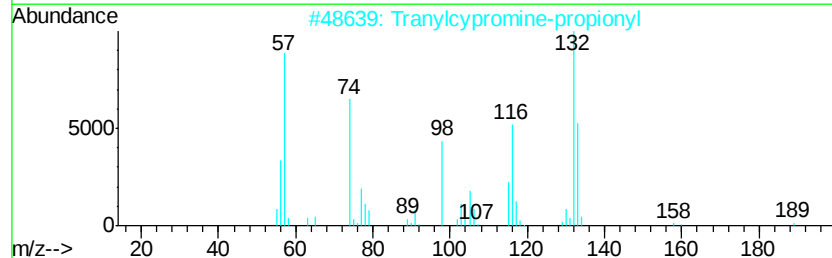
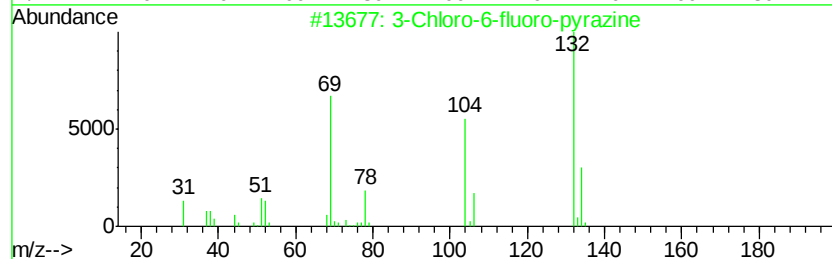
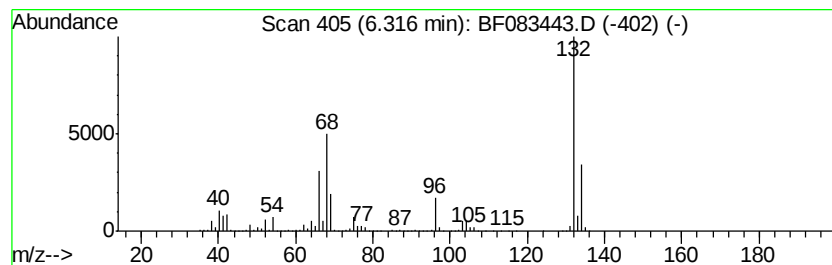
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	122.94 ng	5585770	1,4-Dichlorobenzene-d4	6.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Xenon	132	Xe	007440-63-3	9



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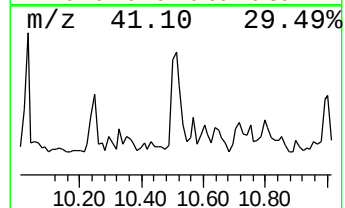
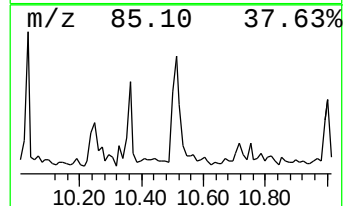
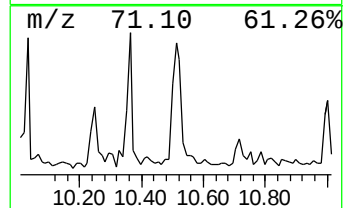
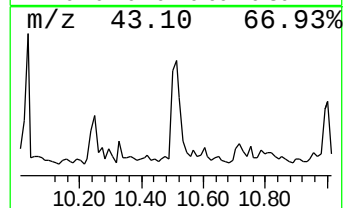
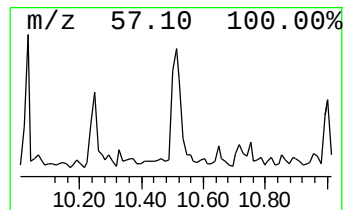
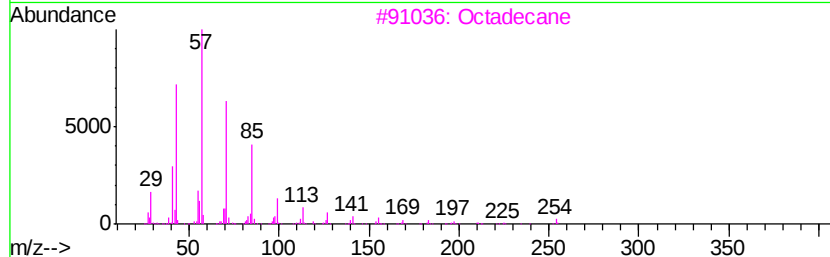
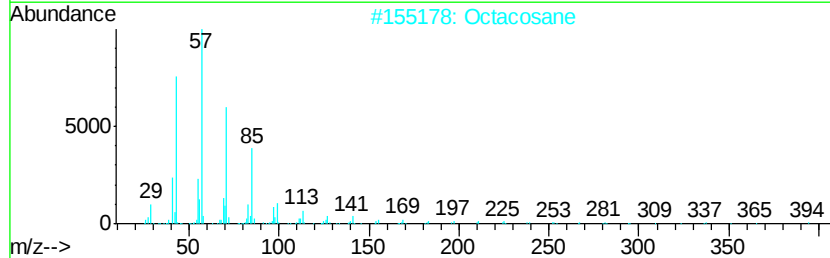
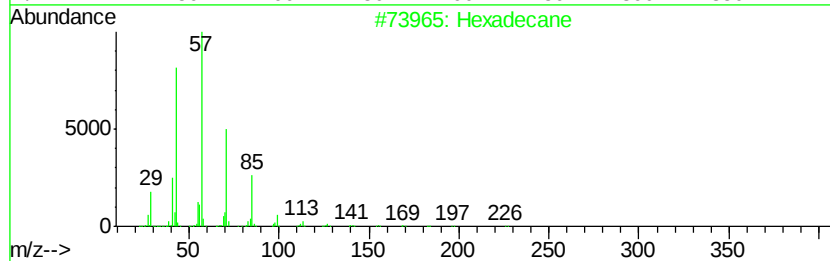
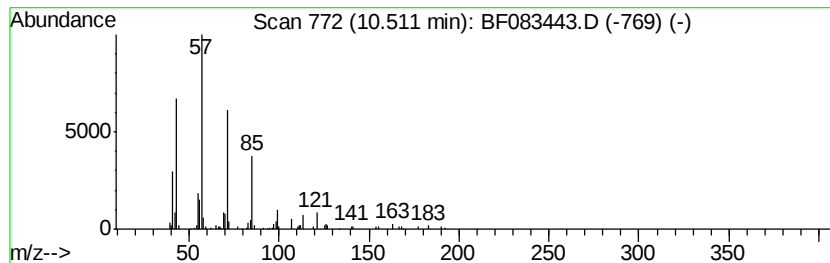
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	3.20 ng	267515	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	86
2		Octacosane	394	C28H58	000630-02-4	78
3		Octadecane	254	C18H38	000593-45-3	72
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5		Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	64



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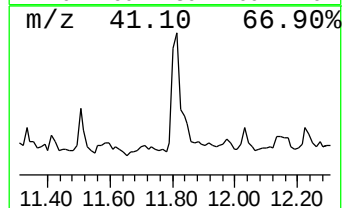
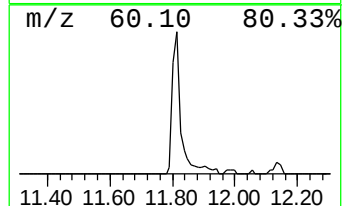
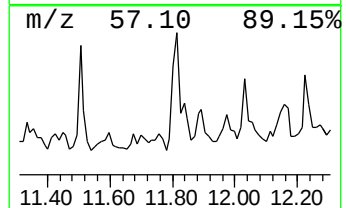
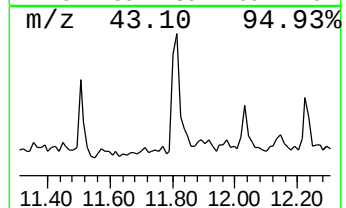
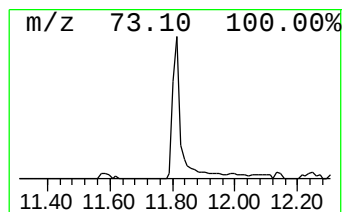
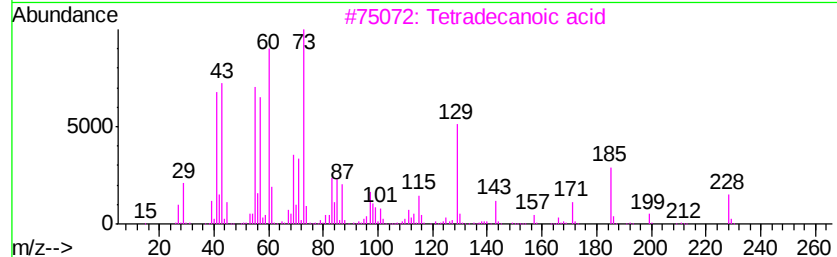
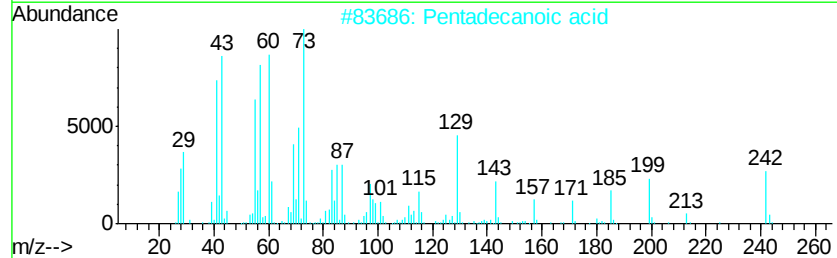
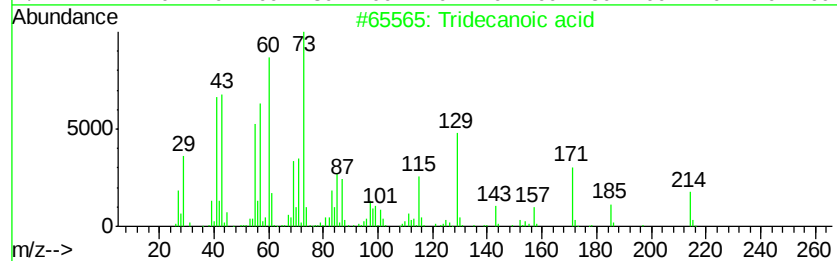
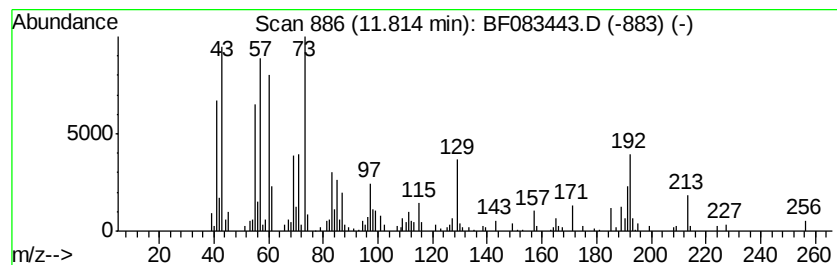
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	3.09 ng	258140	Phenanthrene-d10	11.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	90
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
5		n-Decanoic acid	172	C10H20O2	000334-48-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083443.D
Acq On : 3 Dec 2015 4:51
Operator : UM/IZ
Sample : G4583-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(0-6)

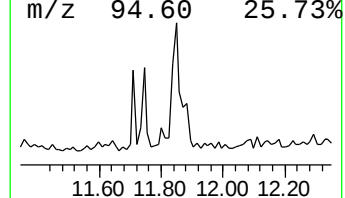
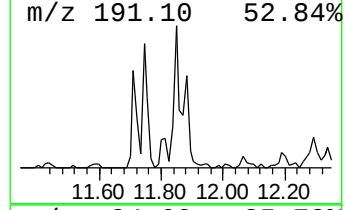
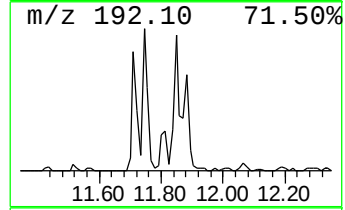
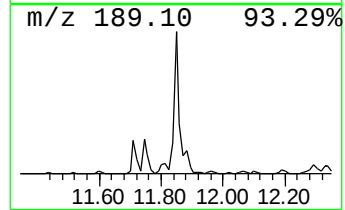
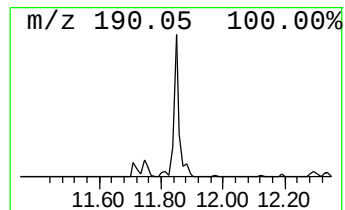
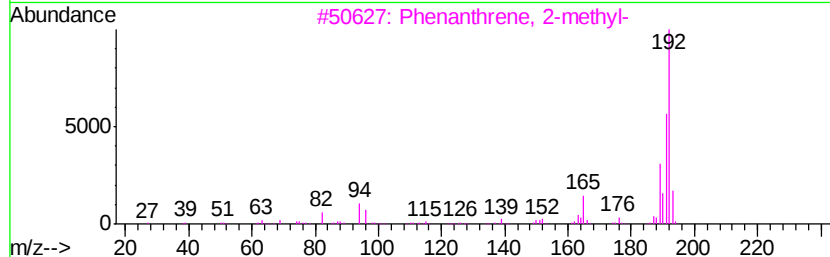
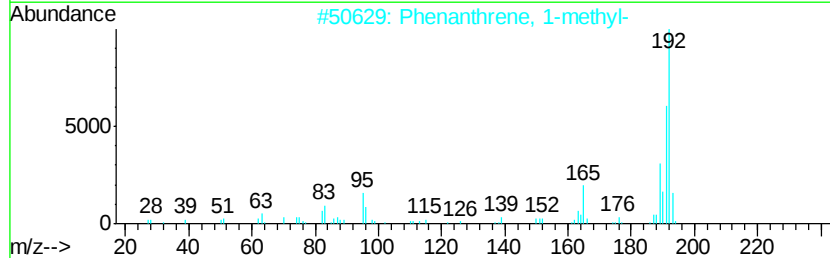
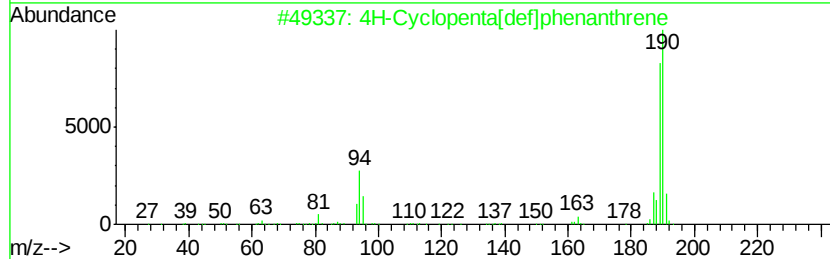
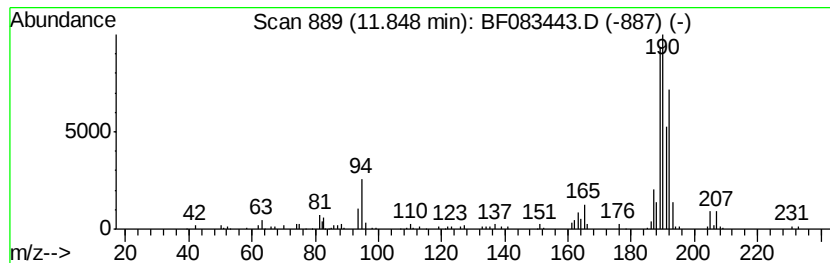
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.37 ng	281243	Phenanthrene-d10	11.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083443.D
Acq On : 3 Dec 2015 4:51
Operator : UM/IZ
Sample : G4583-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

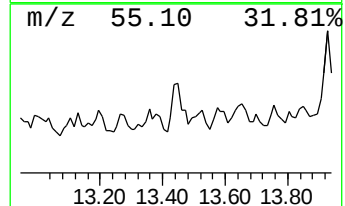
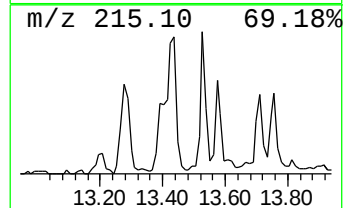
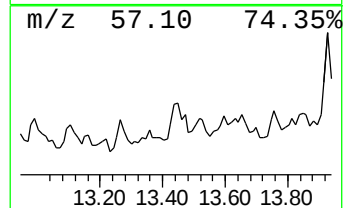
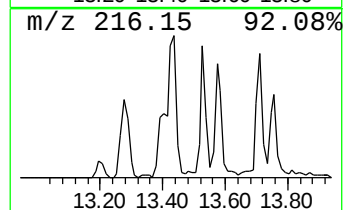
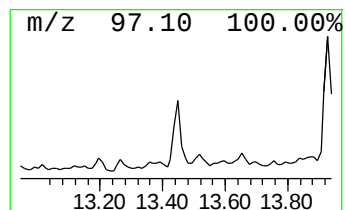
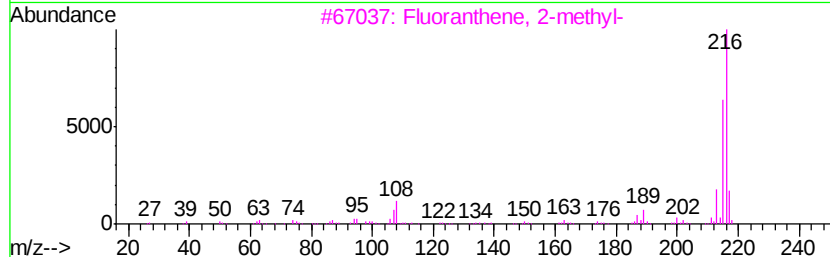
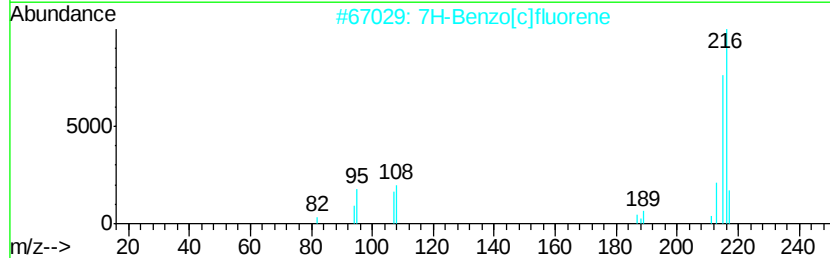
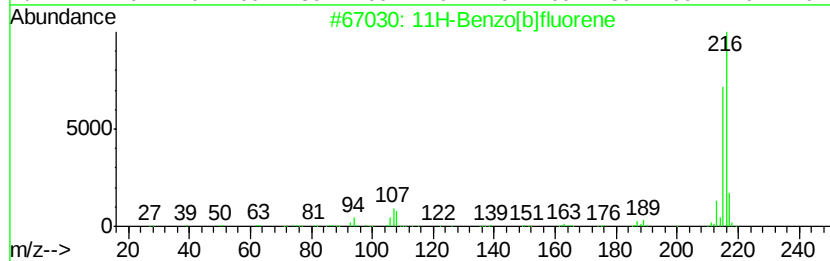
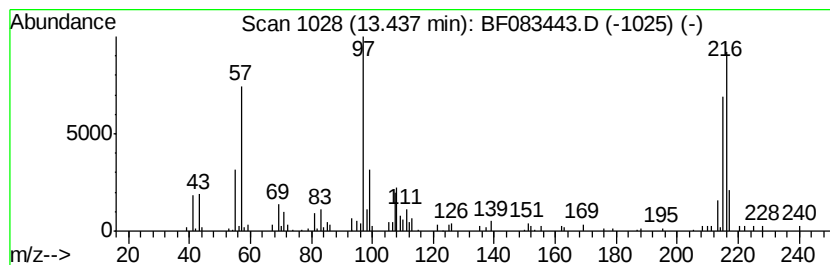
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown13.44 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.44	3.47 ng	199507	Chrysene-d12	14.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	43
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	43
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	43
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083443.D
Acq On : 3 Dec 2015 4:51
Operator : UM/IZ
Sample : G4583-04
Misc :
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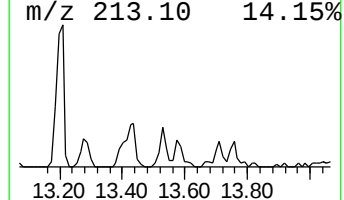
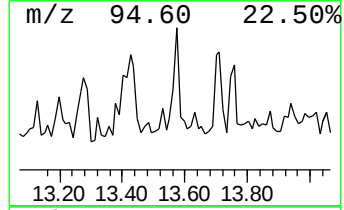
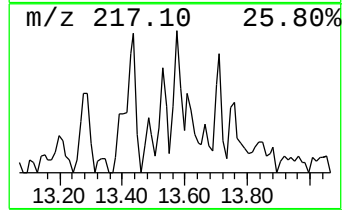
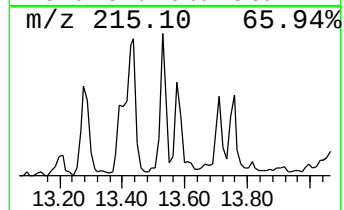
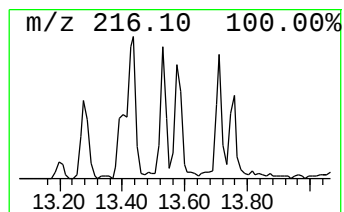
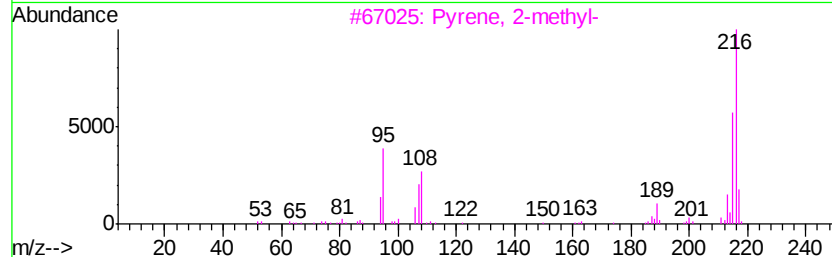
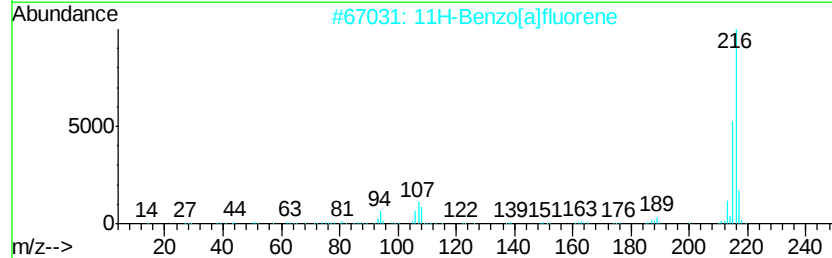
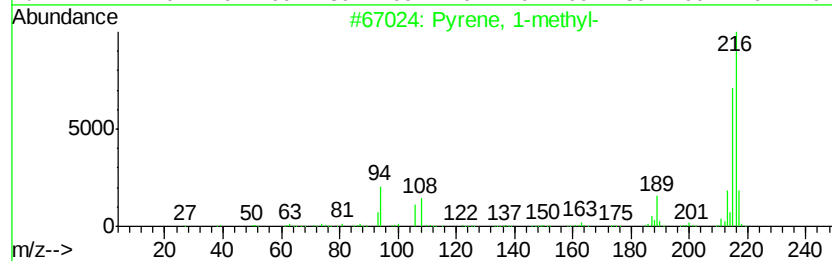
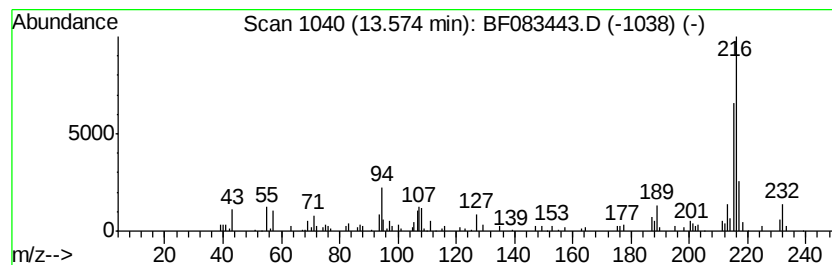
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.57	2.79 ng	160606	Chrysene-d12		14.73
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	74
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
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Operator : UM/IZ
Sample : G4583-04
Misc :
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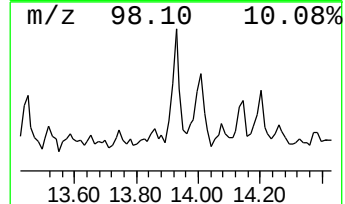
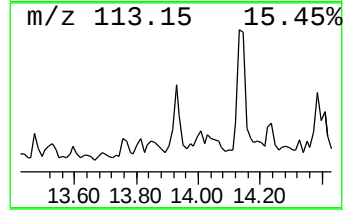
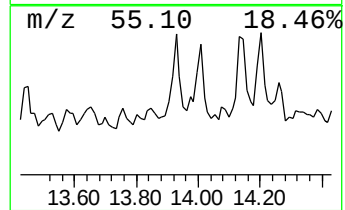
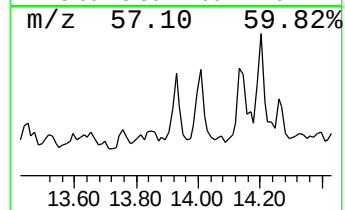
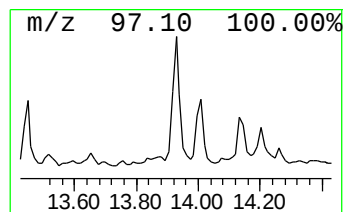
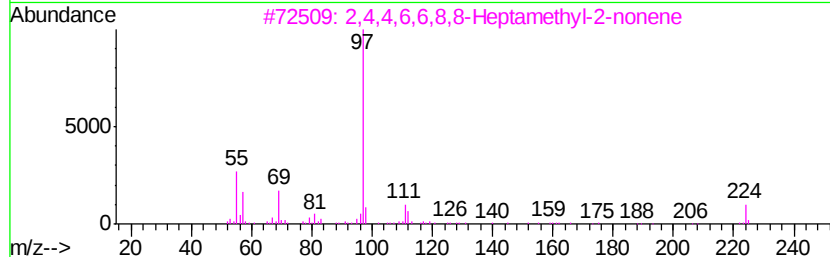
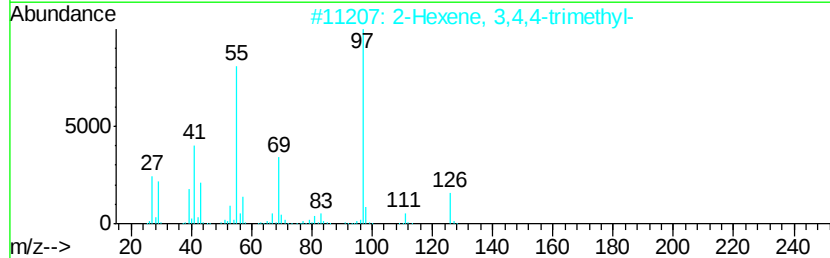
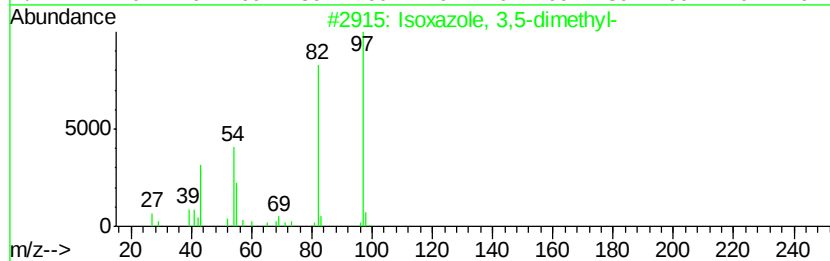
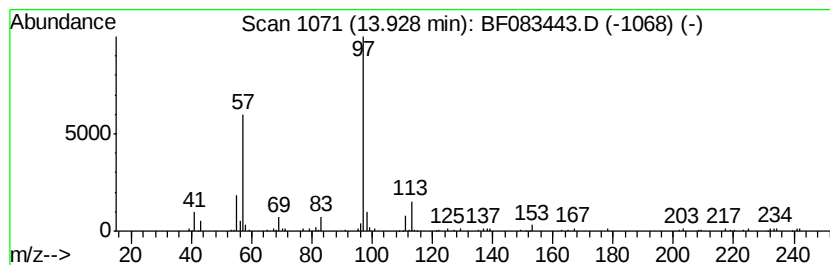
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Isoxazole, 3,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.07 ng	176884	Chrysene-d12	14.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Isoxazole, 3,5-dimethyl-	97 C5H7NO	000300-87-8 53
2		2-Hexene, 3,4,4-trimethyl-	126 C9H18	053941-19-8 40
3		2,4,4,6,6,8,8-Heptamethyl-2-nonene	224 C16H32	039761-73-4 40
4		2-Thiopheneacetic acid, 2-methyl...	198 C10H14O2S	1000278-95-4 38
5		2-Thiopheneacetic acid, 2-butyl ...	198 C10H14O2S	1000278-92-0 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083443.D
Acq On : 3 Dec 2015 4:51
Operator : UM/IZ
Sample : G4583-04
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Instrument :
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ClientSampleId :
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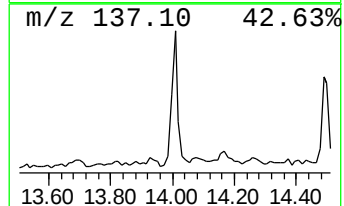
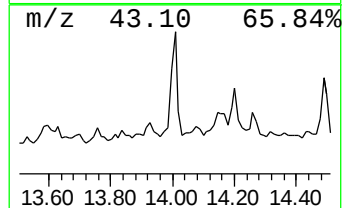
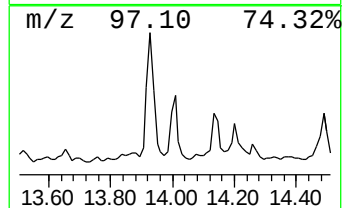
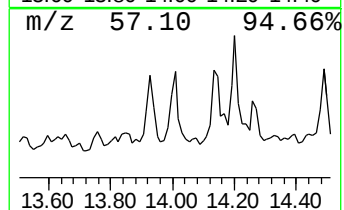
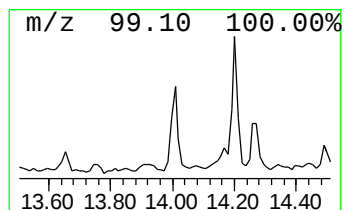
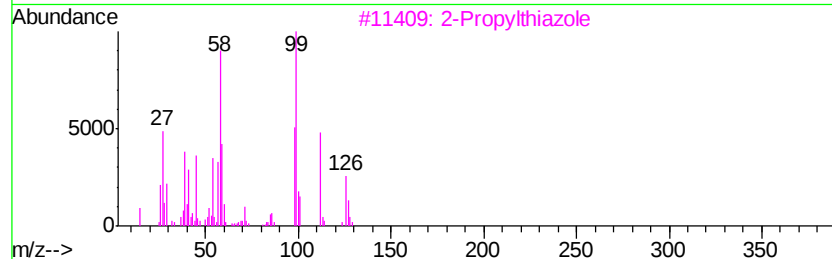
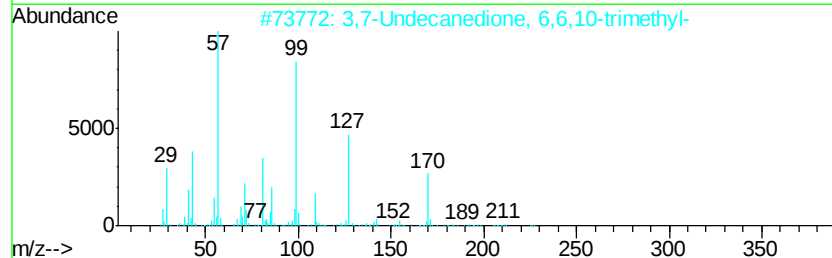
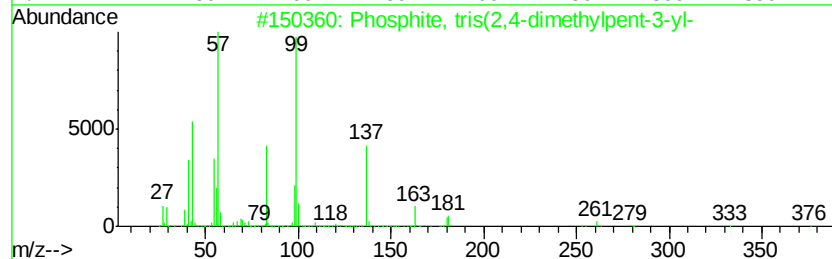
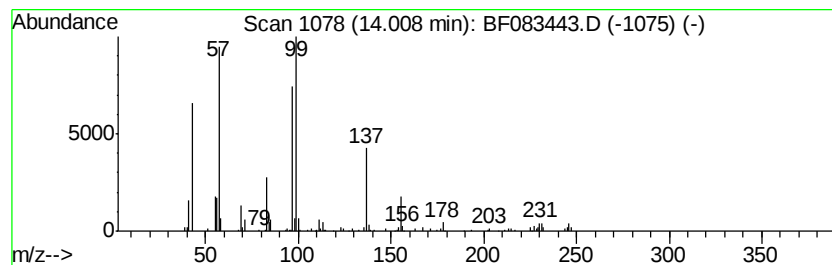
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown14.01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	3.59 ng	206598	Chrysene-d12	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphite, tris(2,4-dimethylpent...	376	C21H45O3P	1000159-84-4	32
2		3,7-Undecanedione, 6,6,10-trimet...	226	C14H26O2	088725-83-1	30
3		2-Propylthiazole	127	C6H9NS	017626-75-4	18
4		4,8,12,16-Tetramethylheptadecan...	324	C21H40O2	096168-15-9	14
5		5-Amino-3-methyl-1,2,4-oxadiazole	99	C3H5N3O	003663-39-6	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
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Acq On : 3 Dec 2015 4:51
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Misc :
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ClientSampleId :
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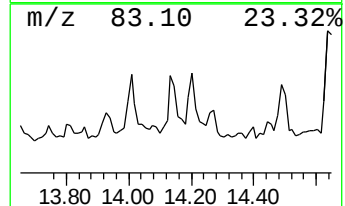
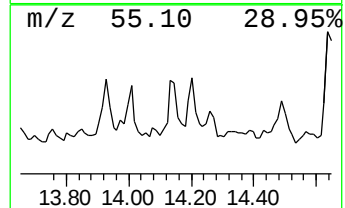
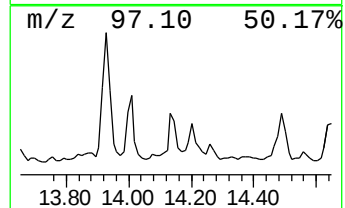
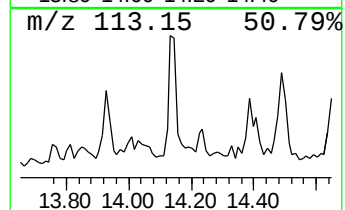
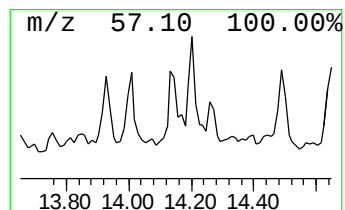
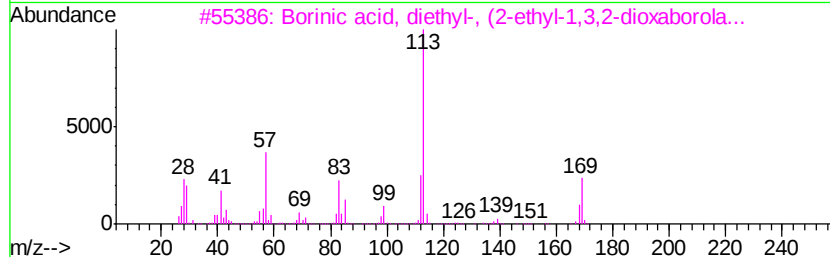
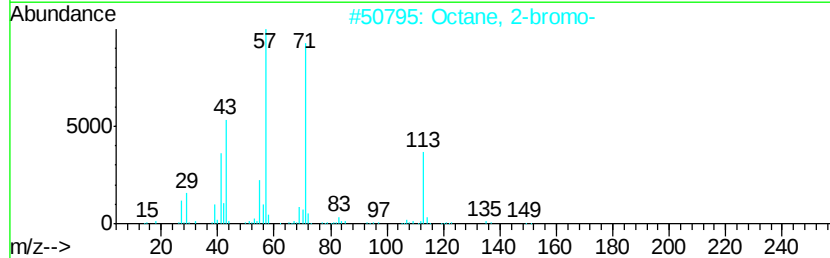
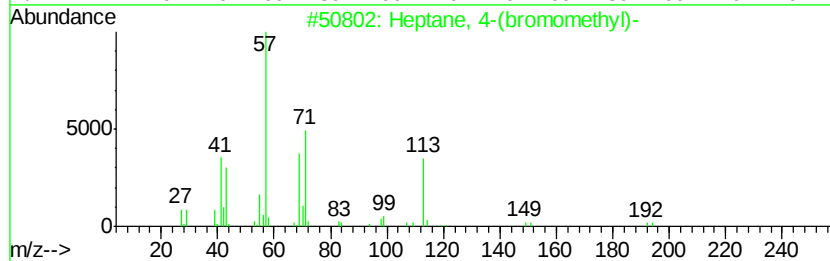
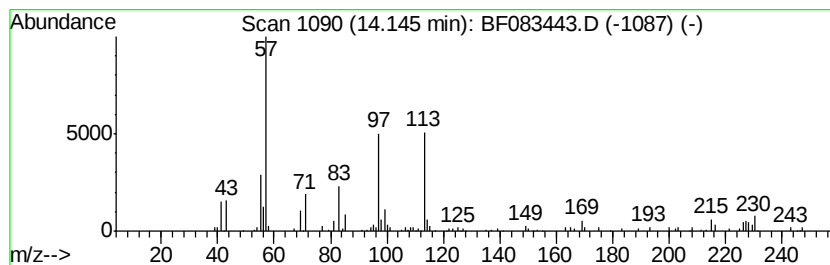
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown14.15 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	3.49 ng	200767	Chrysene-d12	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-(bromomethyl)-	192	C8H17Br	101654-29-9	38
2		Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
3		Borinic acid, diethyl-, (2-ethyl...	198	C9H20B2O3	058163-56-7	27
4		Bicyclo[3.2.1]oct-2-ene, 3-chloro-	142	C8H11Cl	035242-17-2	18
5		Triallylmethylsilane	166	C10H18Si	001112-91-0	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083443.D
Acq On : 3 Dec 2015 4:51
Operator : UM/IZ
Sample : G4583-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-04(0-6)

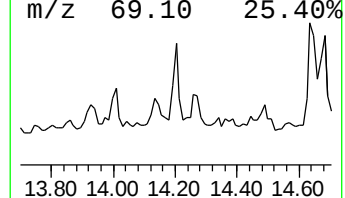
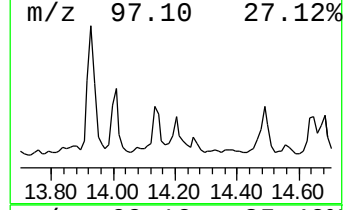
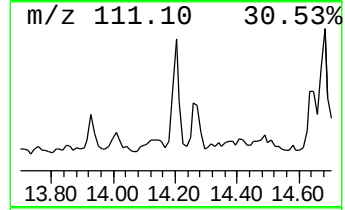
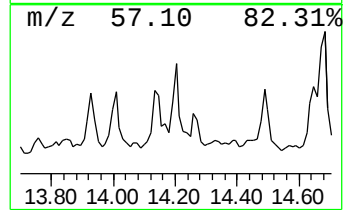
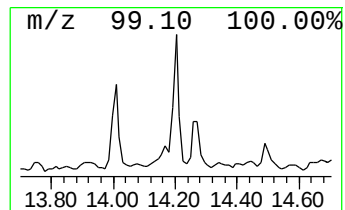
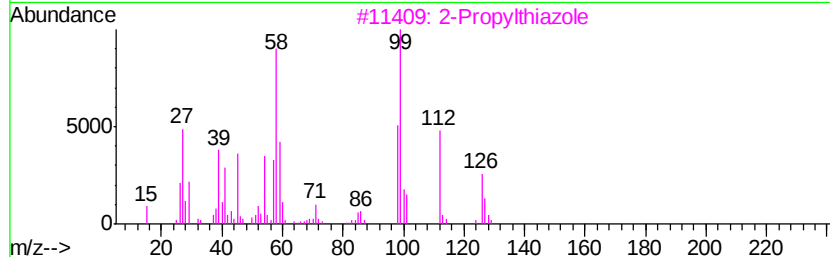
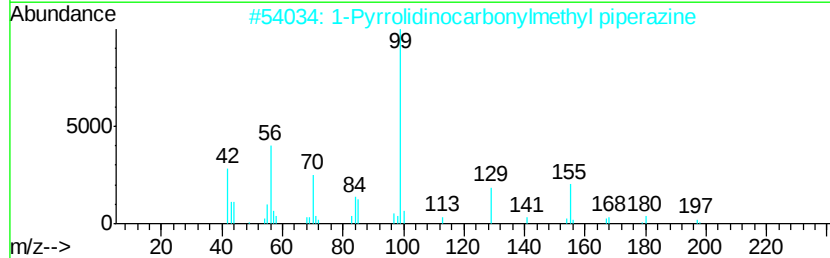
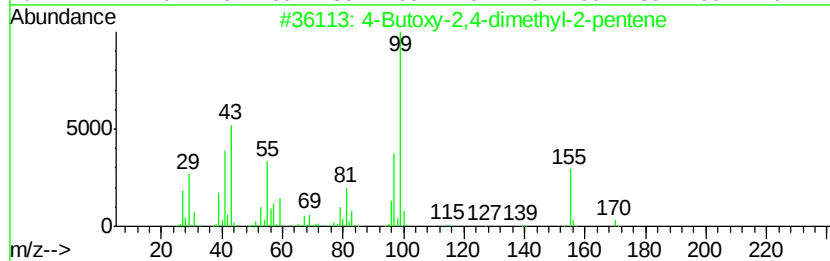
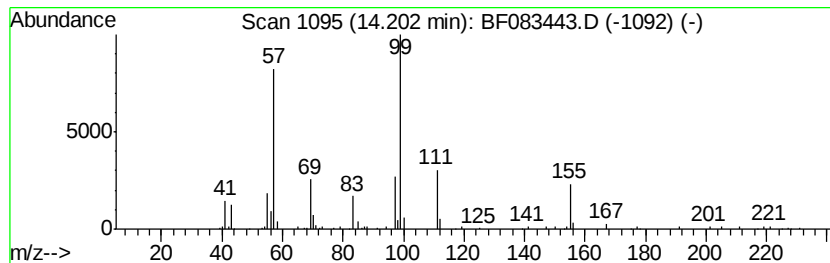
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown14.20 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	5.15 ng	296764	Chrysene-d12	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	45
2		1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	40
3		2-Propylthiazole	127	C6H9NS	017626-75-4	38
4		N-Phenyl-N'-(2-piperazin-1-yl-et...	276	C14H20N4O2	332404-00-9	38
5		1,4-Dioxaspiro[4.5]decan-8-one	156	C8H12O3	004746-97-8	32



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083443.D
Acq On : 3 Dec 2015 4:51
Operator : UM/IZ
Sample : G4583-04
Misc :
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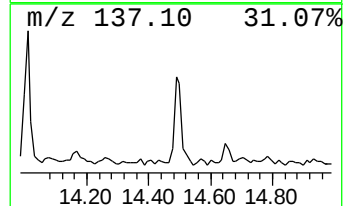
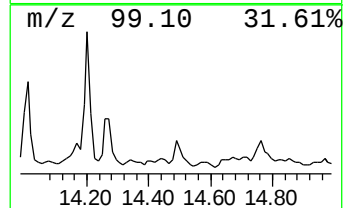
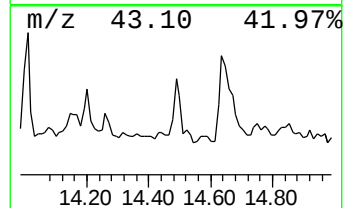
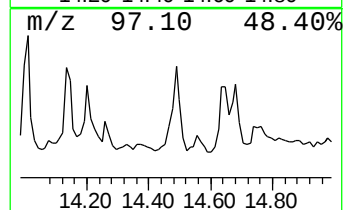
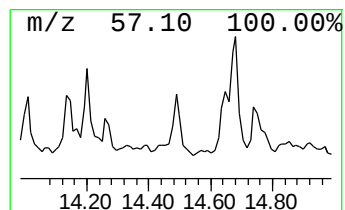
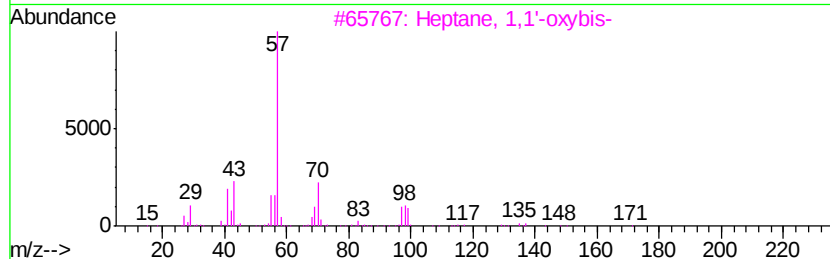
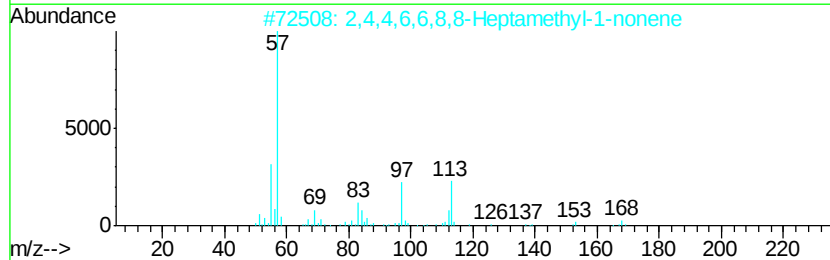
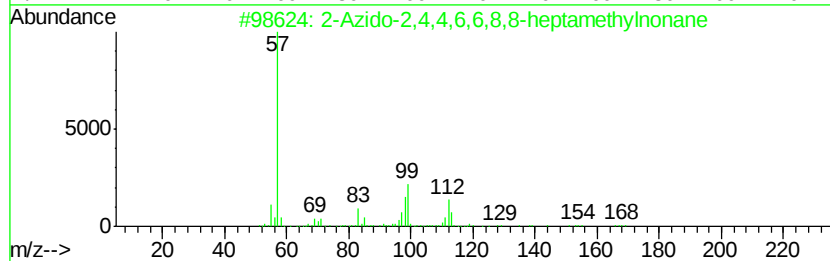
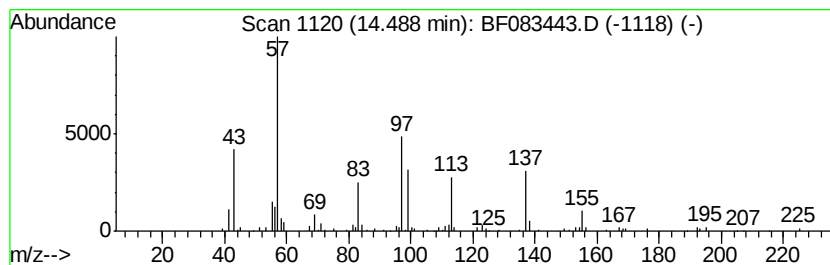
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown14.49 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.49	3.82 ng	219852	Chrysene-d12	14.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Azido-2,4,4,6,6,8,8-heptamethyl...	267	C16H33N3	1000293-29-1	27
2	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	25
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	17
4	2-Azido-2,4,4,6,6-pentamethylhep...	211	C12H25N3	1000293-29-0	14
5	Thiocyanic acid, 1,1,3,3-tetrame...	171	C9H17NS	089601-36-5	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083443.D
Acq On : 3 Dec 2015 4:51
Operator : UM/IZ
Sample : G4583-04
Misc :
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ClientSampleId :
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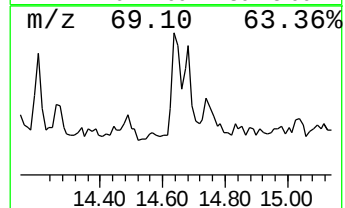
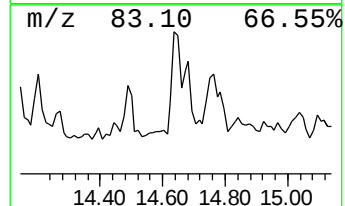
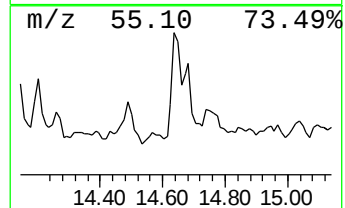
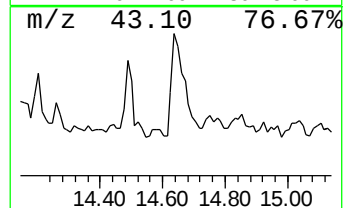
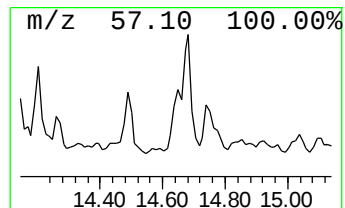
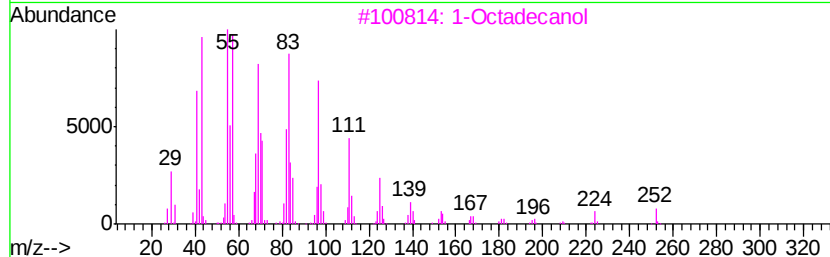
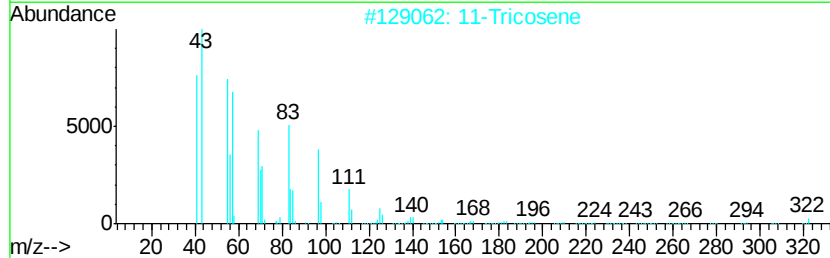
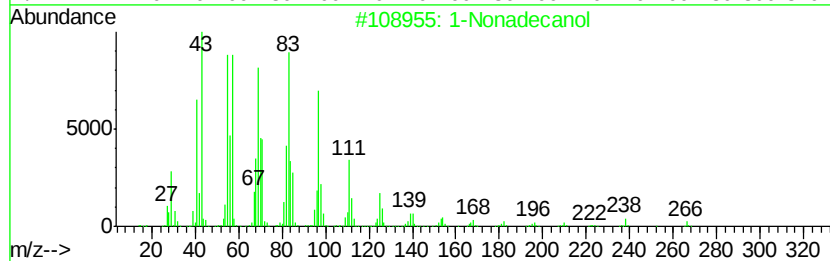
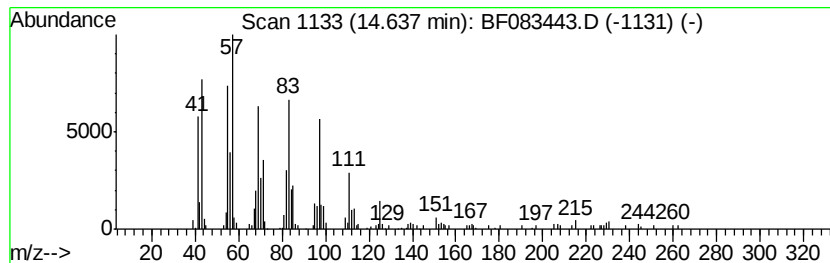
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Nonadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	5.69 ng	327388	Chrysene-d12	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecanol	284	C19H40O	001454-84-8	90
2		11-Tricosene	322	C23H46	052078-56-5	87
3		1-Octadecanol	270	C18H38O	000112-92-5	87
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87
5		Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083443.D
Acq On : 3 Dec 2015 4:51
Operator : UM/IZ
Sample : G4583-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

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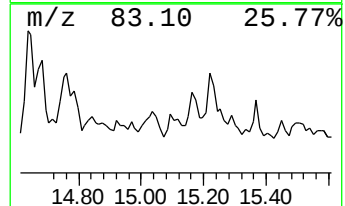
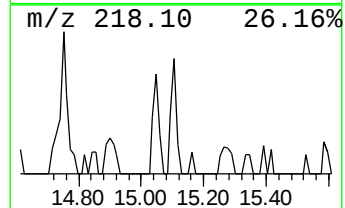
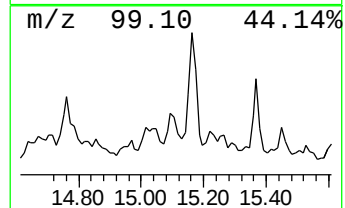
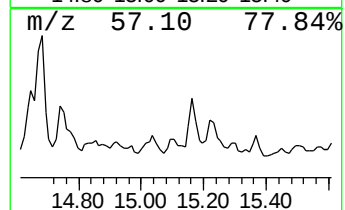
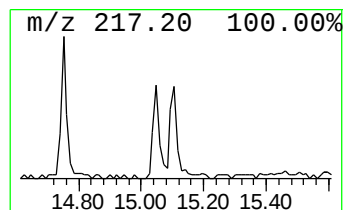
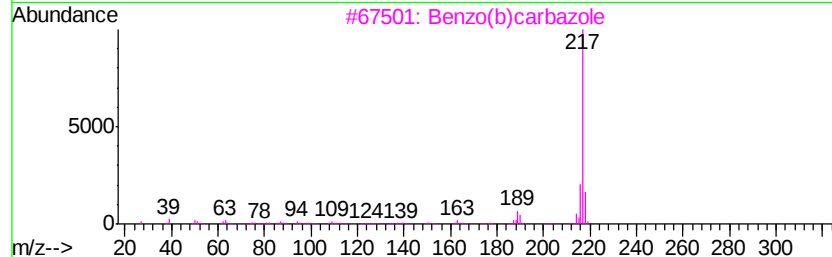
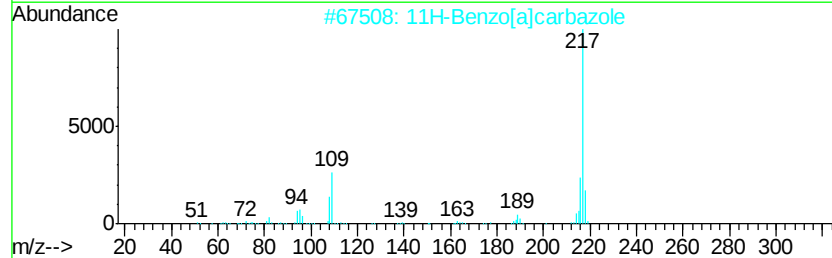
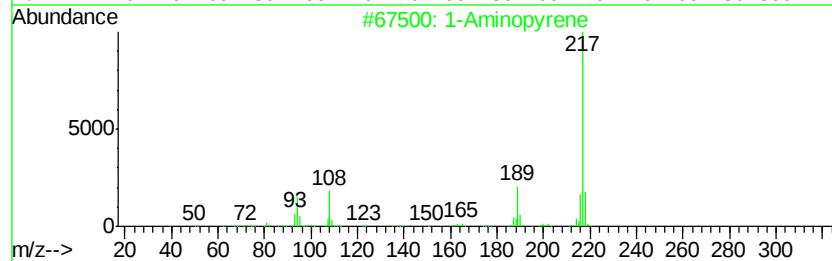
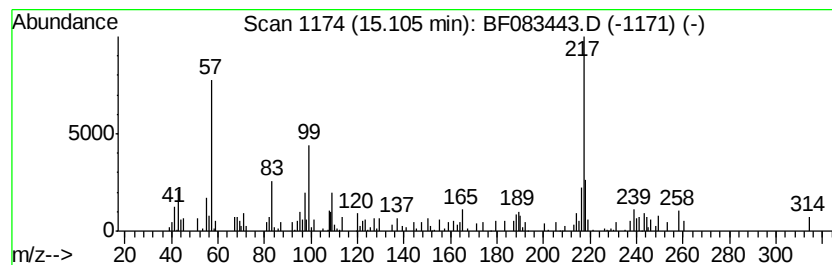
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown15.11 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	2.49 ng	143311	Chrysene-d12	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Aminopyrene	217	C16H11N	001606-67-3	46
2		11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	46
3		Benzo(b)carbazole	217	C16H11N	000243-28-7	43
4		3-Fluoranthenamine	217	C16H11N	002693-46-1	43
5		7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083443.D
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Operator : UM/IZ
Sample : G4583-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

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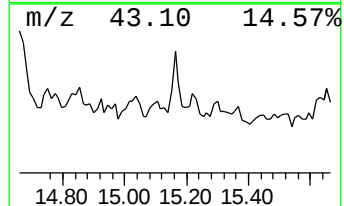
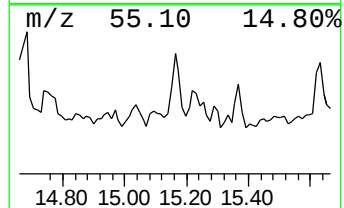
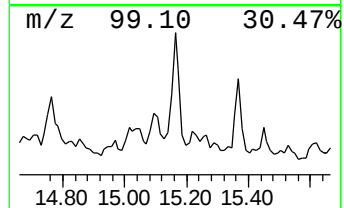
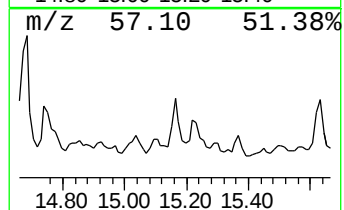
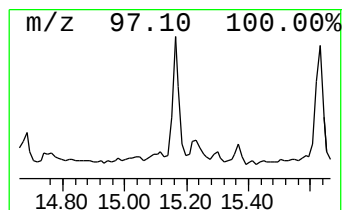
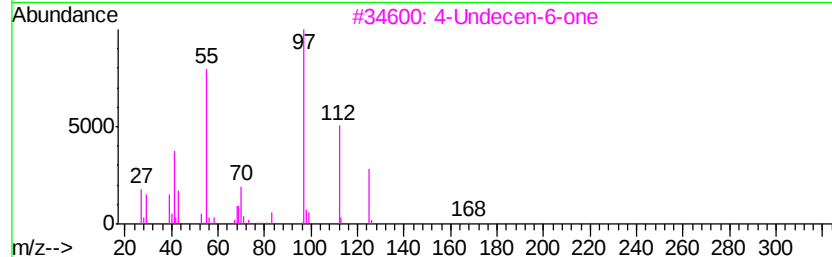
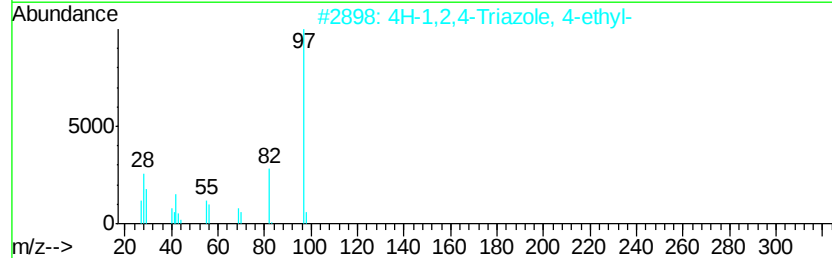
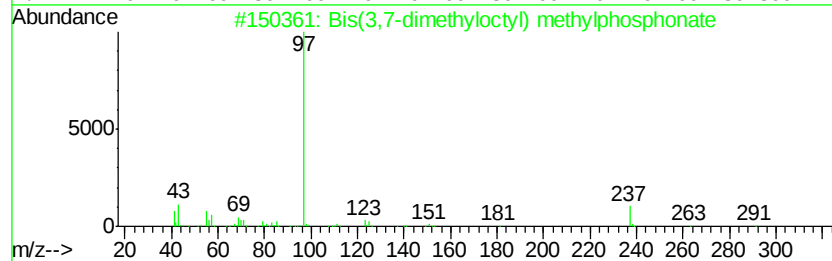
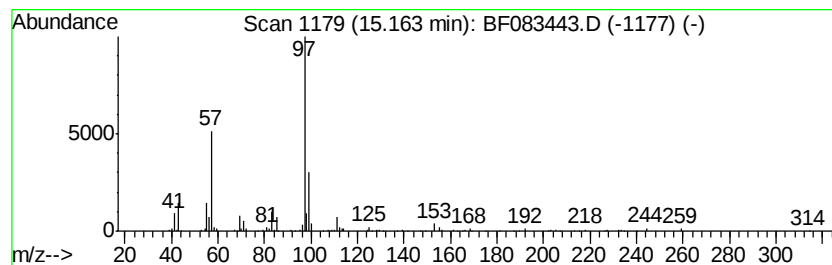
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Bis(3,7-dimethyloctyl) meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.29 ng	189589	Chrysene-d12	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bis(3,7-dimethyloctyl) methylpho...	376	C21H45O3P	1000298-35-2	50
2		4H-1,2,4-Triazole, 4-ethyl-	97	C4H7N3	043183-55-7	50
3		4-Undecen-6-one	168	C11H20O	032064-74-7	50
4		Bicyclo[3.2.0]heptan-2-one, 6-hy...	166	C10H14O2	1000154-96-8	42
5		Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083443.D
Acq On : 3 Dec 2015 4:51
Operator : UM/IZ
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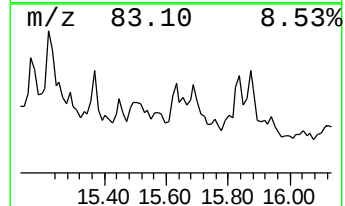
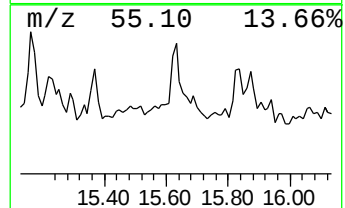
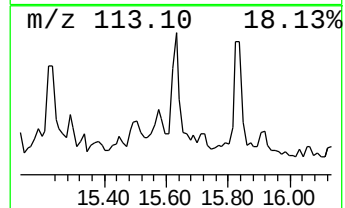
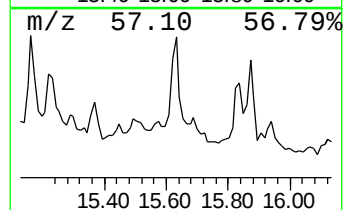
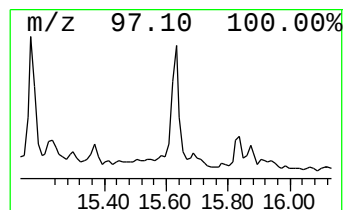
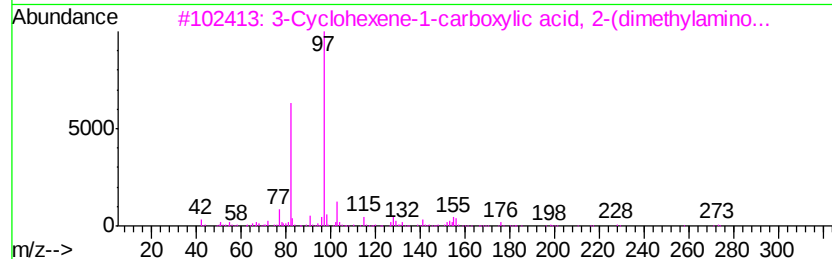
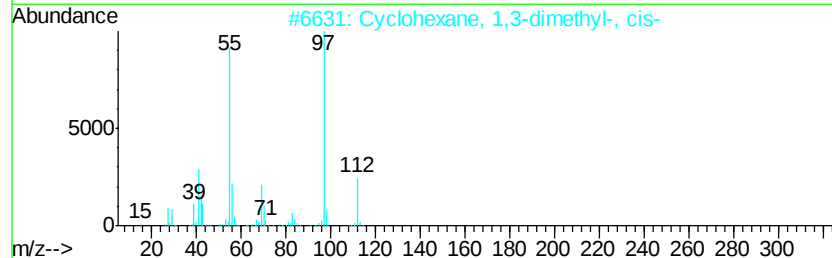
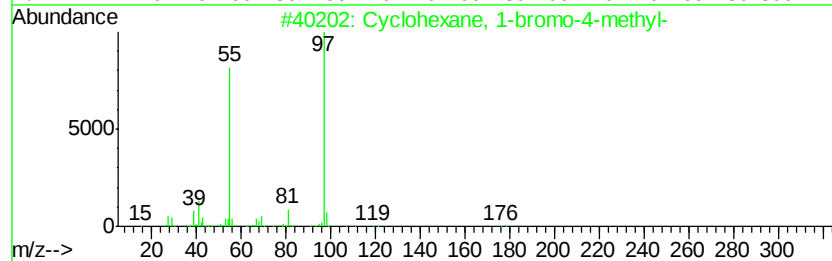
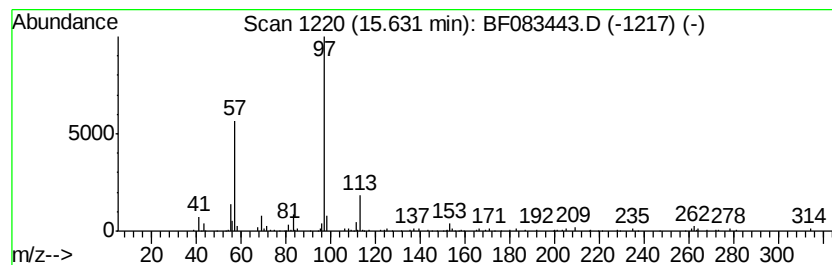
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclohexane, 1-bromo-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	4.31 ng	248206	Chrysene-d12	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	53
2		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
3		3-Cyclohexene-1-carboxylic acid,...	273	C17H23NO2	051931-66-9	53
4		Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	53
5		Methylphosphonic acid, dinonyl e...	348	C19H41O3P	095428-88-9	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083443.D
Acq On : 3 Dec 2015 4:51
Operator : UM/IZ
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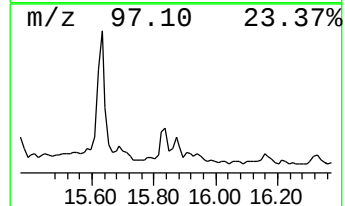
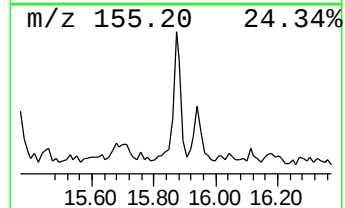
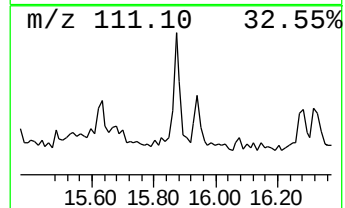
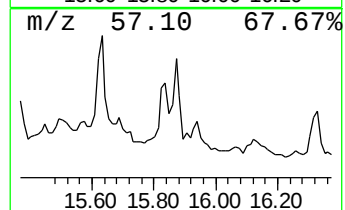
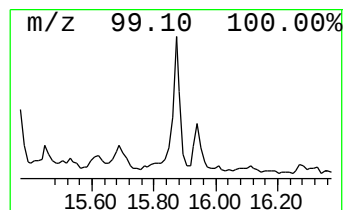
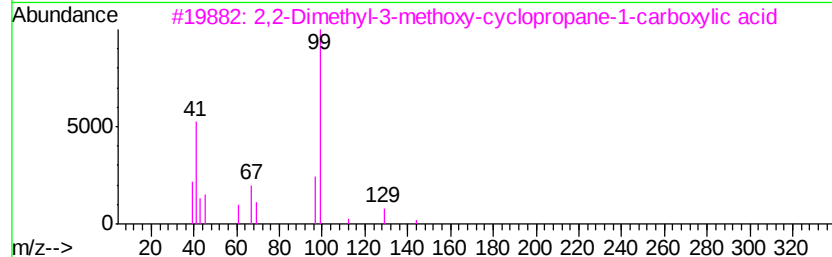
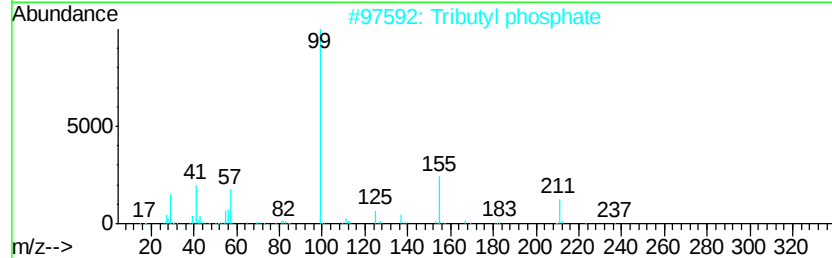
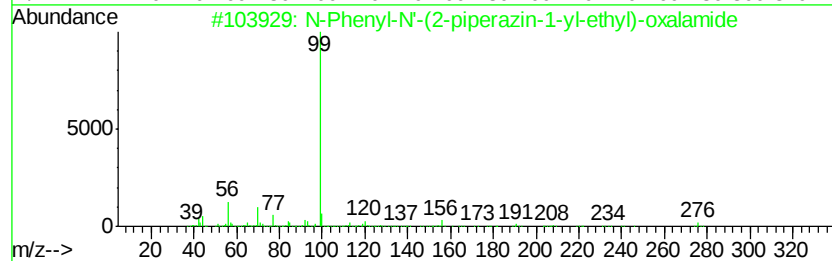
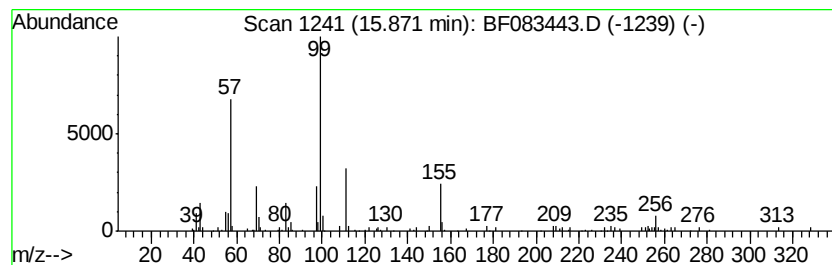
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown15.87 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.79 ng	131963	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-Phenyl-N'-(2-piperazin-1-yl-ethyl)-oxalamide	276	C14H20N4O2	332404-00-9	43
2		Tributyl phosphate	266	C12H27O4P	000126-73-8	40
3		2,2-Dimethyl-3-methoxy-cyclopropyl-carboxylic acid	144	C7H12O3	1000145-12-2	38
4		Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	37
5		1-Methyl-4-[4-aminobenzene]sulfonyl-2-pyridone	255	C11H17N3O2S	021623-68-7	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083443.D
Acq On : 3 Dec 2015 4:51
Operator : UM/IZ
Sample : G4583-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(0-6)

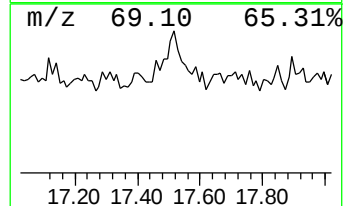
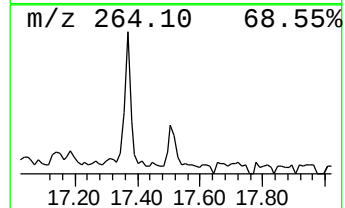
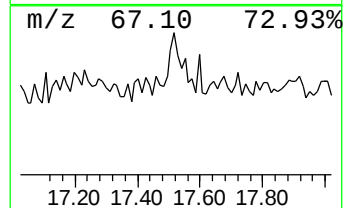
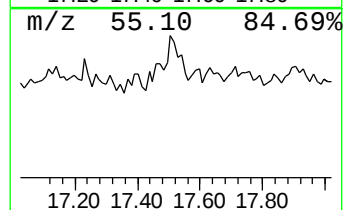
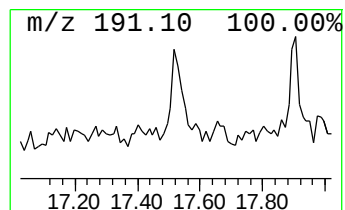
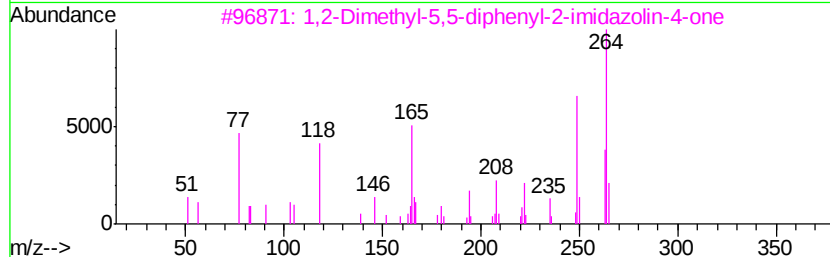
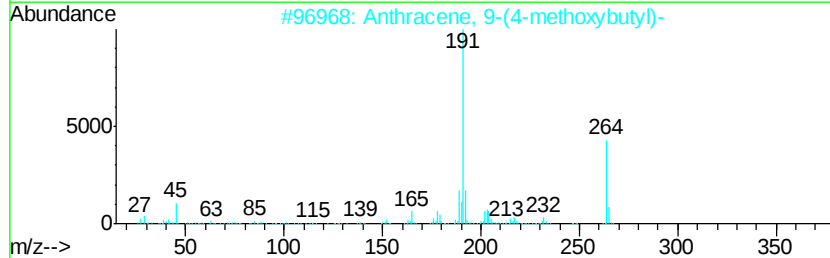
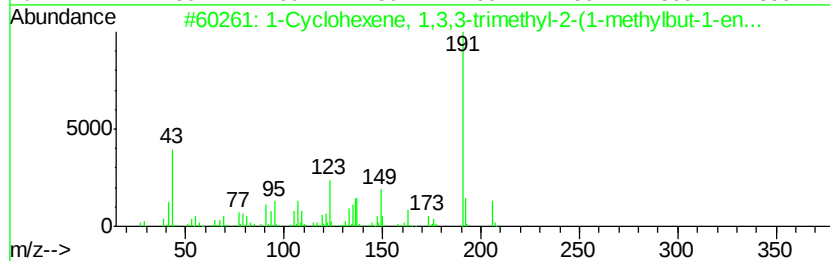
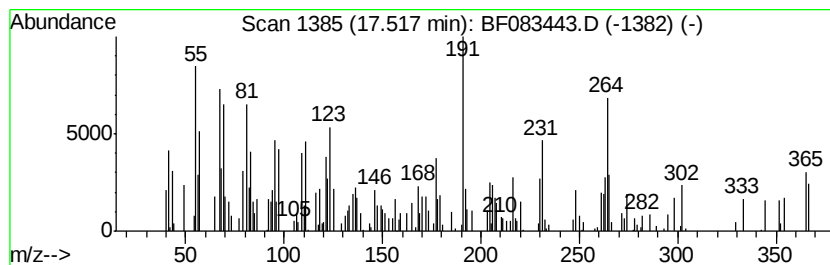
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.52 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	2.72 ng	128457	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	25
2		Anthracene, 9-(4-methoxybutyl)-	264	C19H20O	144000-76-0	12
3		1,2-Dimethyl-5,5-diphenyl-2-imid...	264	C17H16N2O	037927-94-9	10
4		9-Anthracenepropanoic acid, 9,10...	310	C20H22O3	110551-80-9	10
5		Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083443.D
 Acq On : 3 Dec 2015 4:51
 Operator : UM/IZ
 Sample : G4583-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-04(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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...	4.65	35.5	ng	1613100	1	6.53	908712	20.0
unknown6.32	6.32	122.9	ng	5585770	1	6.53	908712	20.0
Hexadecane	10.51	3.2	ng	267515	4	11.11	1671020	20.0
Tridecanoic acid	11.81	3.1	ng	258140	4	11.11	1671020	20.0
4H-Cyclopenta[def...	11.85	3.4	ng	281243	4	11.11	1671020	20.0
unknown13.44	13.44	3.5	ng	199507	5	14.73	1151540	20.0
Pyrene, 1-methyl-	13.57	2.8	ng	160606	5	14.73	1151540	20.0
Isoxazole, 3,5-di...	13.93	3.1	ng	176884	5	14.73	1151540	20.0
unknown14.01	14.01	3.6	ng	206598	5	14.73	1151540	20.0
unknown14.15	14.15	3.5	ng	200767	5	14.73	1151540	20.0
unknown14.20	14.20	5.2	ng	296764	5	14.73	1151540	20.0
unknown14.49	14.49	3.8	ng	219852	5	14.73	1151540	20.0
1-Nonadecanol	14.64	5.7	ng	327388	5	14.73	1151540	20.0
unknown15.11	15.11	2.5	ng	143311	5	14.73	1151540	20.0
Bis(3,7-dimethylo...	15.16	3.3	ng	189589	5	14.73	1151540	20.0
Cyclohexane, 1-br...	15.63	4.3	ng	248206	5	14.73	1151540	20.0
unknown15.87	15.87	2.8	ng	131963	6	16.80	945712	20.0
unknown17.52	17.52	2.7	ng	128457	6	16.80	945712	20.0