

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
 Data File : BF092100.D
 Acq On : 5 Jan 2017 20:30
 Operator : UM/SJ
 Sample : I1004-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

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-BF122116.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	4.081	189	192	194	rBV	45230	81927	1.22%	0.105%
2	4.710	244	247	250	rVB	50276	78563	1.17%	0.101%
3	4.778	251	253	263	rVV	679748	992505	14.73%	1.278%
4	4.916	263	265	269	rVB	69793	85543	1.27%	0.110%
5	5.247	292	294	297	rBV	2834925	2807780	41.66%	3.614%
6	5.464	311	313	318	rBV4	46742	115203	1.71%	0.148%
7	5.636	324	328	330	rBV3	59745	120536	1.79%	0.155%
8	5.796	338	342	344	rBV	309357	438875	6.51%	0.565%
9	5.887	348	350	353	rVB3	117808	156512	2.32%	0.201%
10	5.944	353	355	361	rBV2	61551	124556	1.85%	0.160%
11	6.070	363	366	367	rBV	62700	86116	1.28%	0.111%
12	6.104	367	369	371	rVB	173863	219469	3.26%	0.283%
13	6.161	371	374	380	rVB4	119769	262631	3.90%	0.338%
14	6.253	380	382	384	rBV	98177	151972	2.26%	0.196%
15	6.310	384	387	392	rBV	2109241	2309563	34.27%	2.973%
16	6.424	394	397	399	rVV	5025869	4908146	72.83%	6.318%
17	6.607	409	413	415	rBV2	329417	491219	7.29%	0.632%
18	6.653	415	417	418	rBV	1192692	1220303	18.11%	1.571%
19	6.676	418	419	421	rVB	190213	148895	2.21%	0.192%
20	6.710	421	422	423	rBV	101453	90800	1.35%	0.117%
21	6.813	428	431	433	rBV	3912273	5078348	75.36%	6.537%
22	6.904	437	439	444	rVB	486317	647938	9.61%	0.834%
23	6.996	444	447	450	rBV	551305	956906	14.20%	1.232%
24	7.042	450	451	453	rBV2	225770	271026	4.02%	0.349%
25	7.099	453	456	457	rVB2	112669	128555	1.91%	0.165%
26	7.144	457	460	461	rBV2	45416	98018	1.45%	0.126%
27	7.224	461	467	470	rBV2	4571339	6247468	92.71%	8.042%
28	7.304	472	474	476	rVB2	458232	541862	8.04%	0.698%
29	7.350	476	478	479	rBV	358982	396911	5.89%	0.511%
30	7.373	479	480	482	rVB	205094	272283	4.04%	0.351%
31	7.430	482	485	486	rBV2	1146835	1296926	19.25%	1.670%
32	7.464	486	488	489	rVB2	351187	478324	7.10%	0.616%
33	7.510	491	492	494	rBV2	148411	146083	2.17%	0.188%
34	7.556	494	496	497	rBV2	255963	380280	5.64%	0.490%

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35	7.602	497	500	504	rVB4	682402	1641897	24.36%	2.114%
36	7.682	504	507	508	rBV	596262	708120	10.51%	0.912%
37	7.716	508	510	512	rVB	380994	382941	5.68%	0.493%
38	7.762	512	514	517	rBV3	208500	471079	6.99%	0.606%
39	7.819	517	519	521	rBV	138706	238946	3.55%	0.308%
40	7.933	527	529	533	rVV3	1628717	2823661	41.90%	3.635%
41	7.990	533	534	535	rVB	790880	545346	8.09%	0.702%
42	8.070	540	541	542	rBV	219509	167322	2.48%	0.215%
43	8.139	542	547	549	rBV2	615142	788456	11.70%	1.015%
44	8.184	549	551	552	rBV	542784	413867	6.14%	0.533%
45	8.230	552	555	557	rVB4	204288	442905	6.57%	0.570%
46	8.265	557	558	561	rBV2	116673	239956	3.56%	0.309%
47	8.322	561	563	566	rVB4	609872	801940	11.90%	1.032%
48	8.379	566	568	569	rBV	424669	584450	8.67%	0.752%
49	8.413	569	571	573	rVV2	389759	396557	5.88%	0.510%
50	8.470	575	576	578	rBV	243318	219797	3.26%	0.283%
51	8.505	578	579	580	rVB	222172	152299	2.26%	0.196%
52	8.539	580	582	583	rBV2	109406	180583	2.68%	0.232%
53	8.596	585	587	589	rVB3	630177	820059	12.17%	1.056%
54	8.642	589	591	593	rVB2	340950	492700	7.31%	0.634%
55	8.722	593	598	599	rBV3	389159	652033	9.68%	0.839%
56	8.767	599	602	606	rVB3	397516	1115901	16.56%	1.436%
57	8.836	606	608	609	rBV2	151942	278689	4.14%	0.359%
58	8.939	615	617	618	rBV2	120695	131422	1.95%	0.169%
59	8.973	618	620	621	rVV	458653	416191	6.18%	0.536%
60	9.019	621	624	629	rVB	4968080	6738991	100.00%	8.675%
61	9.145	632	635	636	rBV3	162107	293880	4.36%	0.378%
62	9.179	636	638	639	rBV2	223044	385385	5.72%	0.496%
63	9.282	645	647	649	rVB3	199138	214234	3.18%	0.276%
64	9.350	649	653	658	rBV7	539805	1566881	23.25%	2.017%
65	9.419	658	659	661	rVV2	259474	388516	5.77%	0.500%
66	9.465	661	663	668	rVB6	375878	946889	14.05%	1.219%
67	9.545	668	670	673	rBV2	304430	525044	7.79%	0.676%
68	9.636	676	678	680	rBV3	93433	150824	2.24%	0.194%
69	9.693	680	683	684	rBV	1495906	2066929	30.67%	2.661%
70	9.716	684	685	688	rVB3	141297	219975	3.26%	0.283%
71	9.865	696	698	699	rBV2	155970	182999	2.72%	0.236%

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72	9.933	703	704	706	rBV2	131525	172900	2.57%	0.223%
73	10.002	708	710	713	rVB4	311264	391208	5.81%	0.504%
74	10.128	719	721	724	rVB2	354575	550240	8.17%	0.708%
75	10.185	724	726	729	rBV3	210987	342011	5.08%	0.440%
76	10.230	729	730	732	rVV2	209520	182091	2.70%	0.234%
77	10.448	746	749	750	rBV	489720	601552	8.93%	0.774%
78	10.482	750	752	755	rVB	3330341	3461356	51.36%	4.456%
79	10.608	760	763	765	rBV4	256546	489316	7.26%	0.630%
80	11.168	810	812	814	rVB	1632752	1388434	20.60%	1.787%
81	11.728	859	861	866	rVB	742007	918704	13.63%	1.183%
82	12.402	919	920	921	rBV	69017	69042	1.02%	0.089%
83	12.505	927	929	931	rBV	593760	600796	8.92%	0.773%
84	12.756	948	951	953	rBV	5122426	5246386	77.85%	6.754%
85	13.659	1027	1030	1034	rBV	129513	148227	2.20%	0.191%
86	13.796	1039	1042	1044	rBV	1266081	1332815	19.78%	1.716%
87	14.642	1113	1116	1120	rVB	99407	119133	1.77%	0.153%
88	15.168	1159	1162	1164	rBV	798583	1049194	15.57%	1.351%

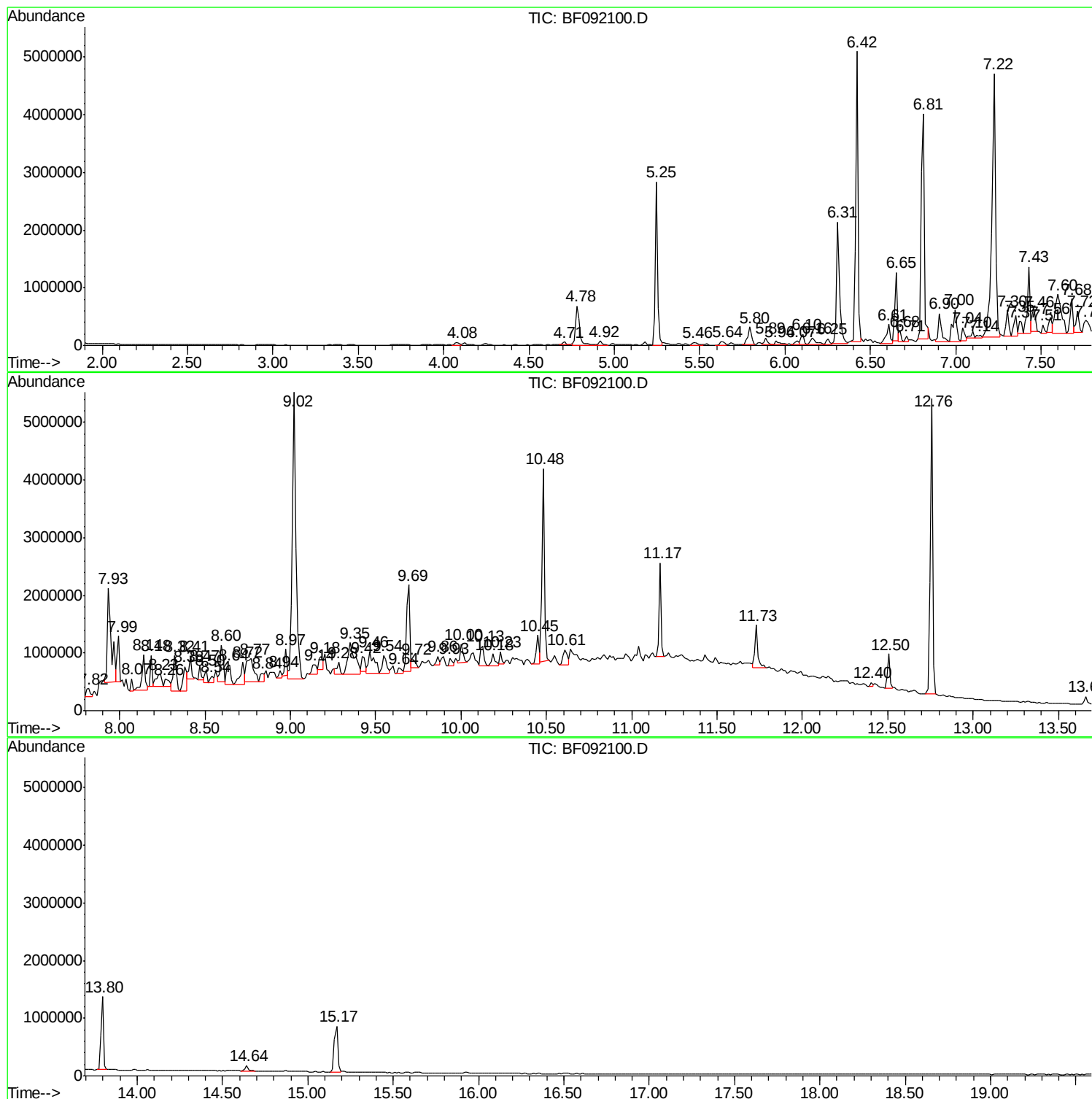
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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ClientSampleId :
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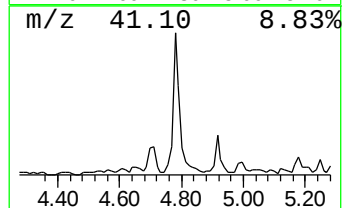
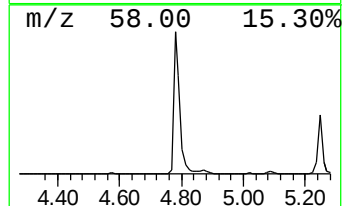
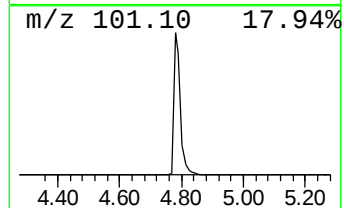
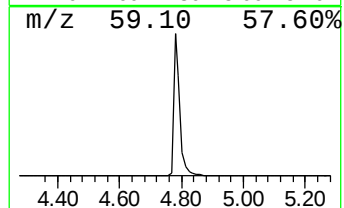
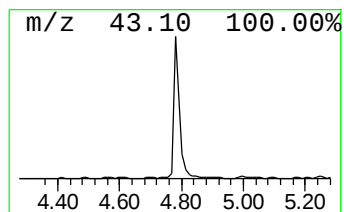
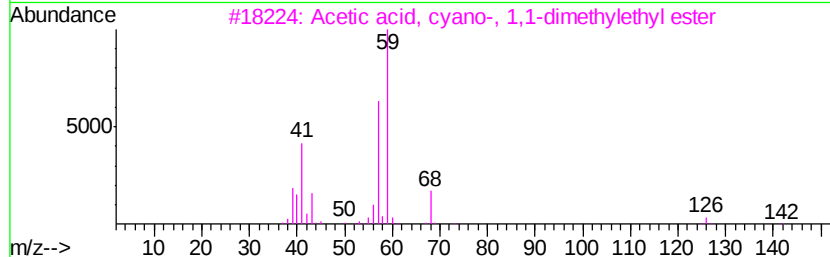
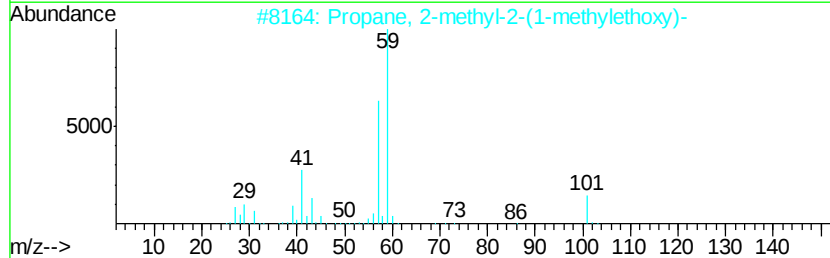
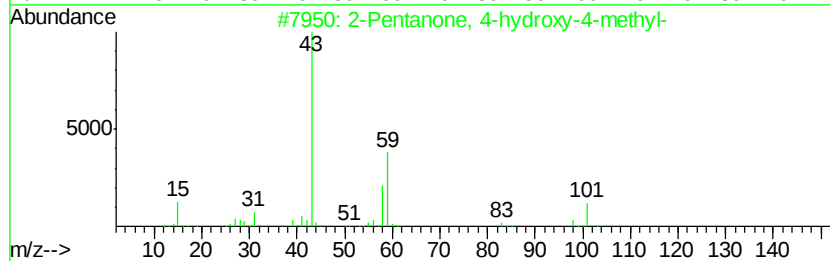
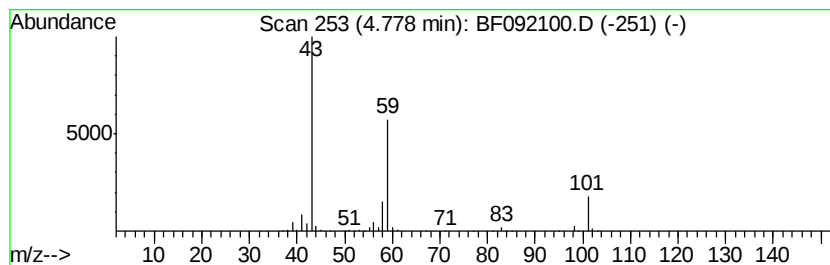
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	16.27 ng	992505	1,4-Dichlorobenzene-d4	6.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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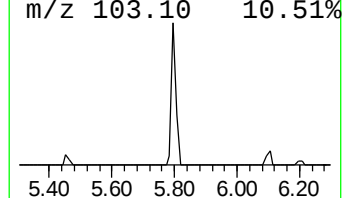
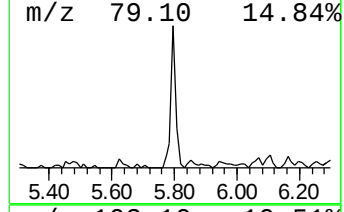
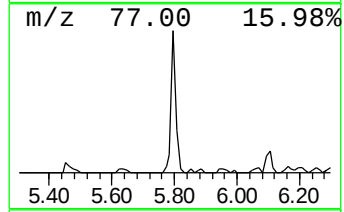
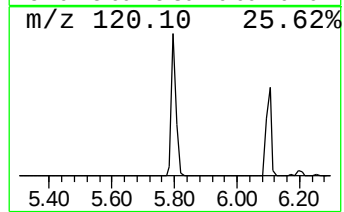
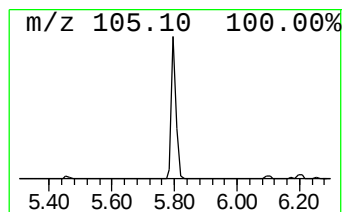
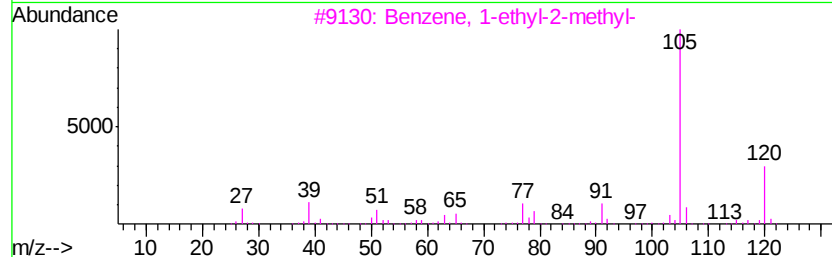
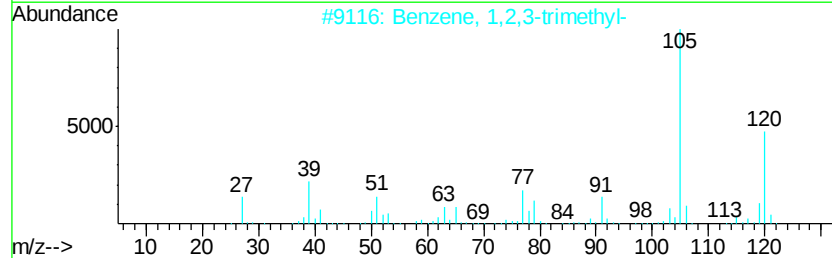
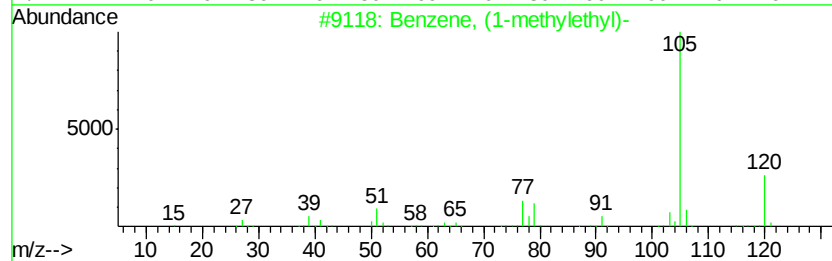
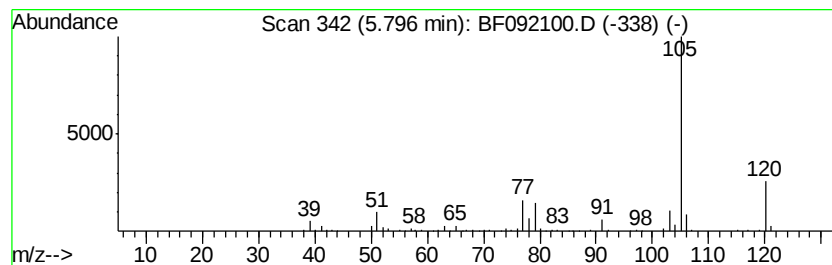
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	7.19 ng	438875	1,4-Dichlorobenzene-d4	6.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72



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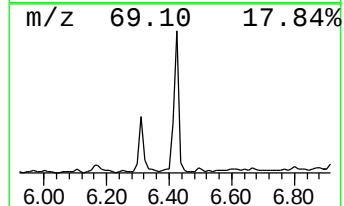
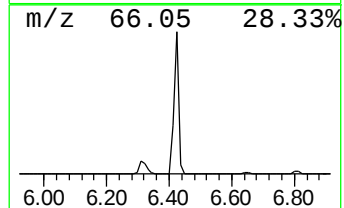
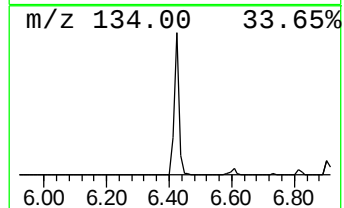
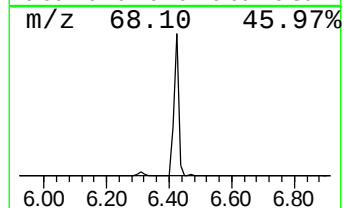
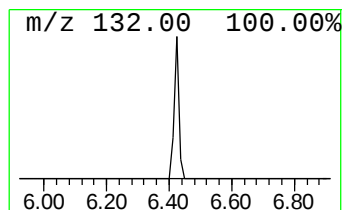
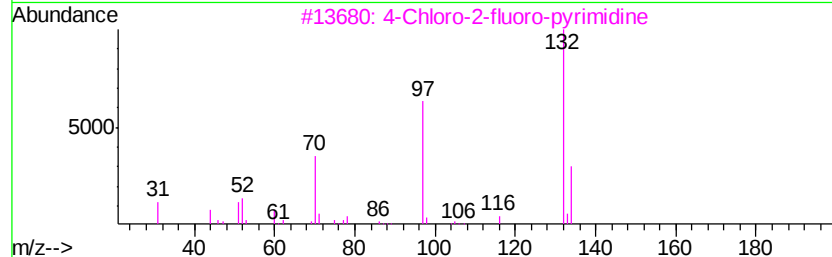
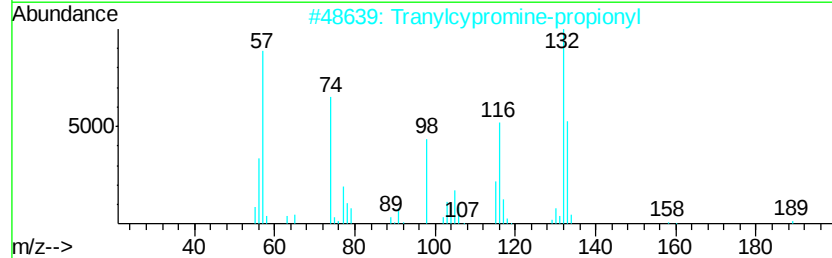
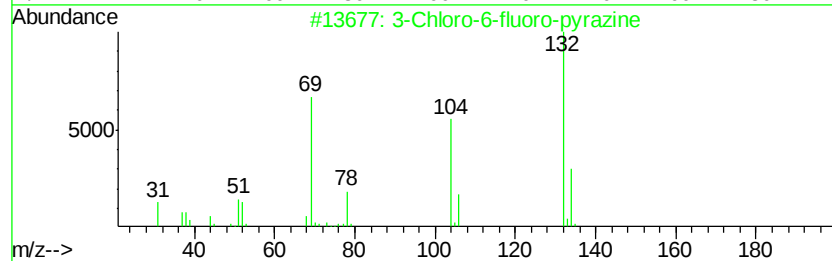
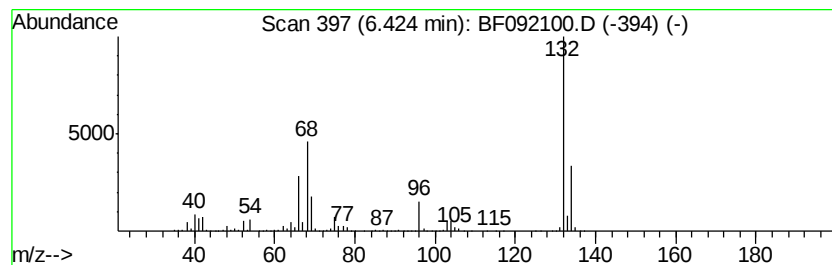
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	80.44 ng	4908150	1,4-Dichlorobenzene-d4	6.65

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		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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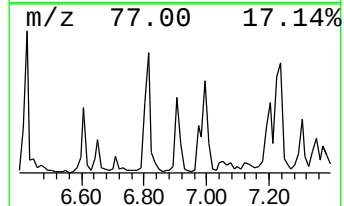
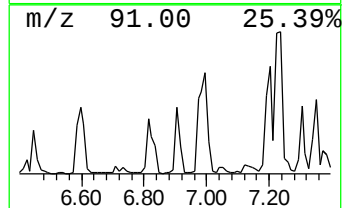
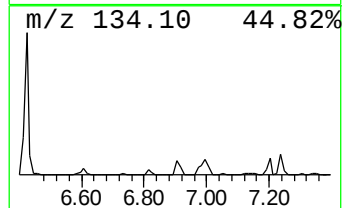
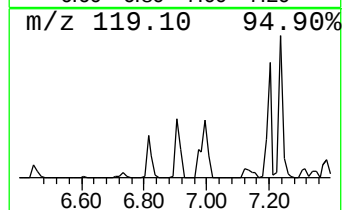
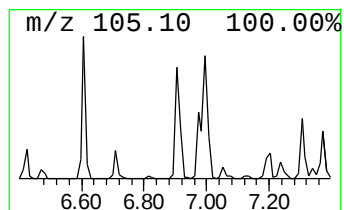
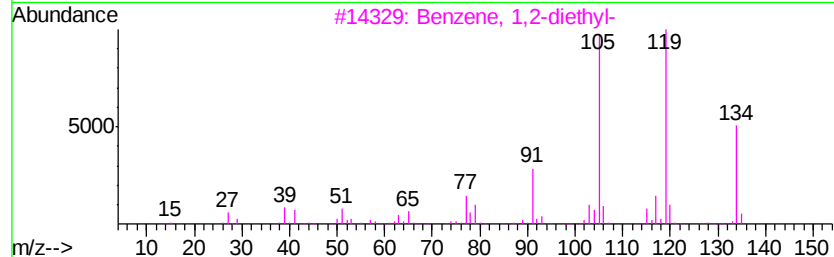
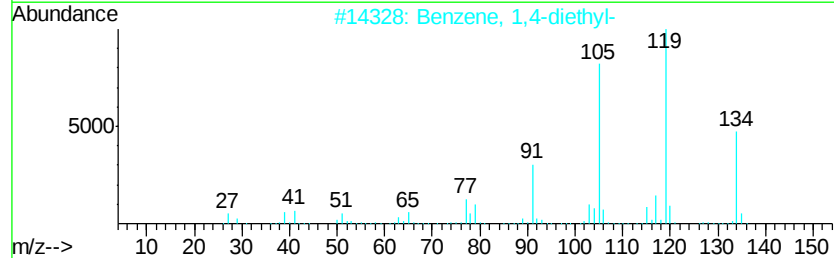
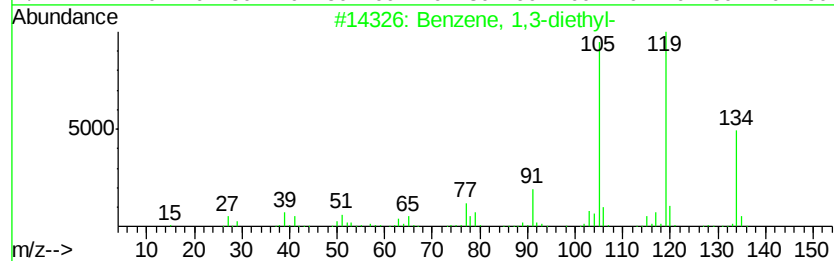
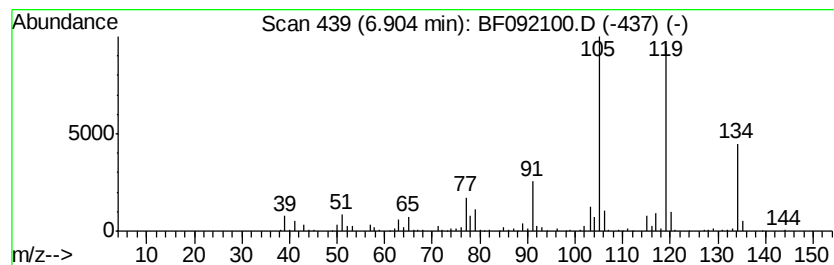
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	10.62 ng	647938	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	92
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092100.D
Acq On : 5 Jan 2017 20:30
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-22

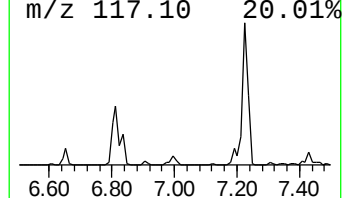
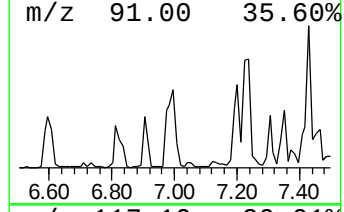
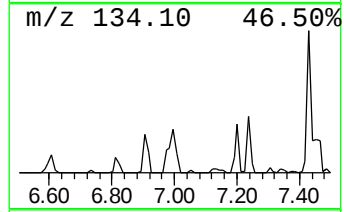
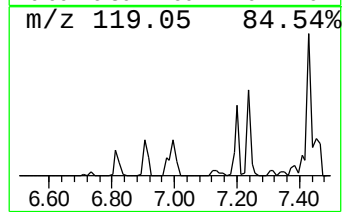
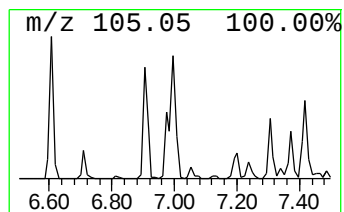
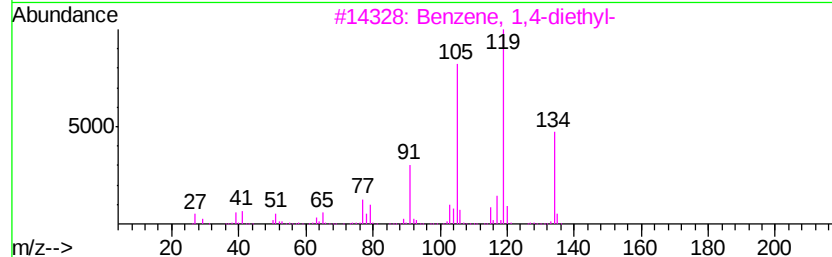
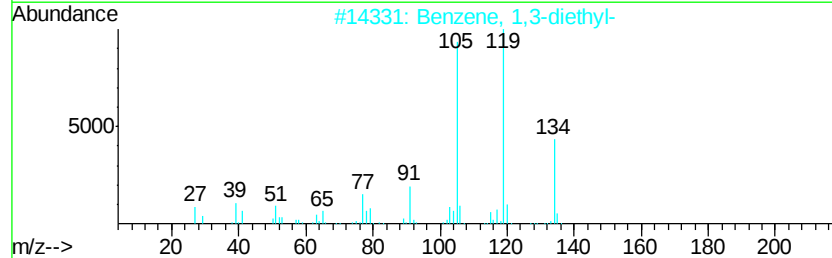
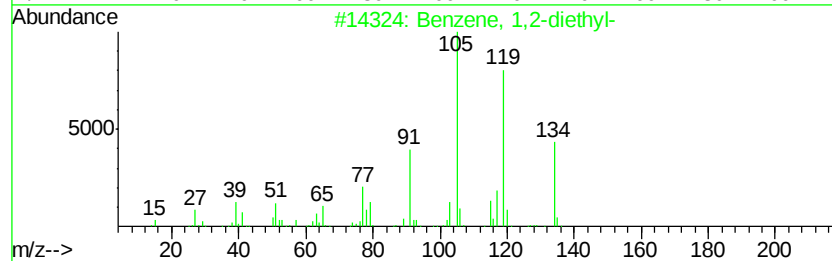
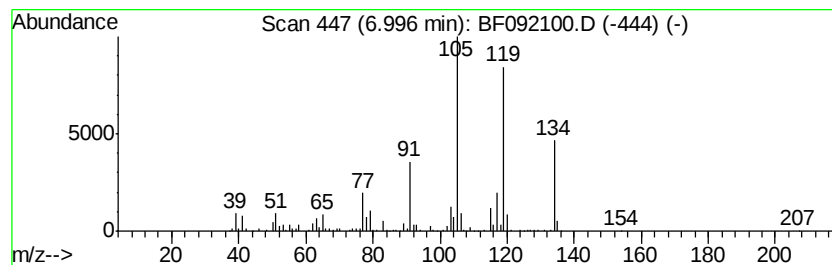
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	15.68 ng	956906	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
Data File : BF092100.D
Acq On : 5 Jan 2017 20:30
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

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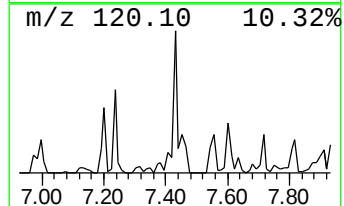
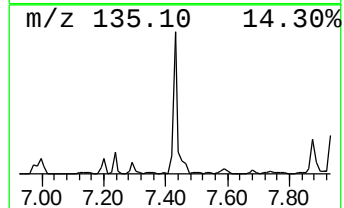
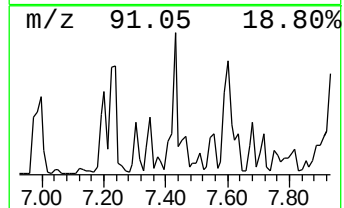
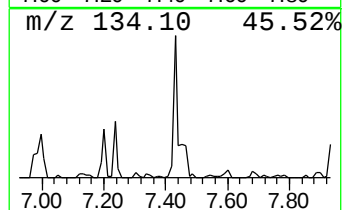
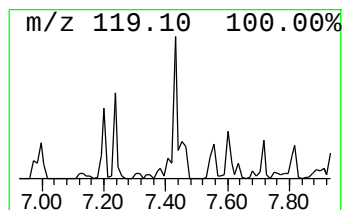
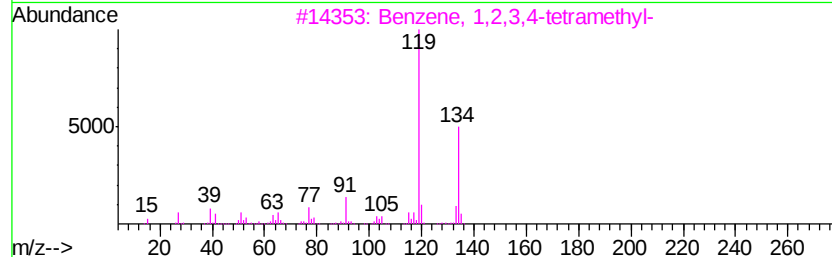
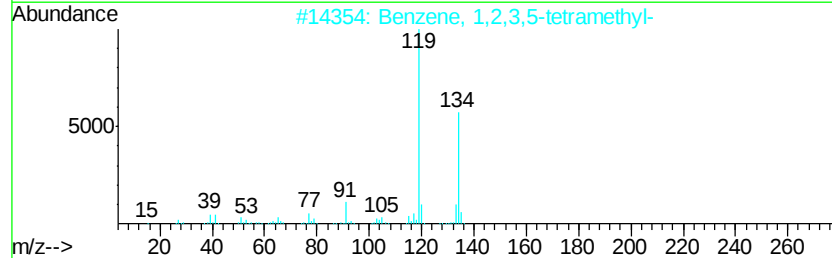
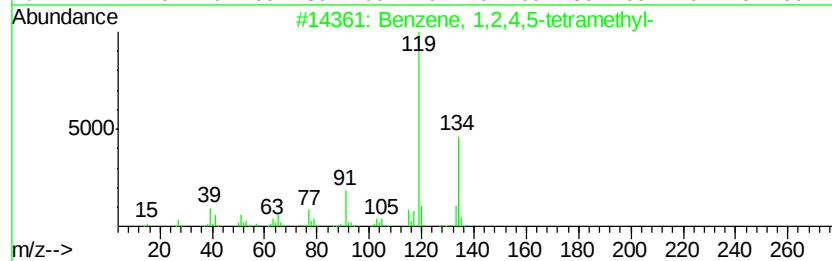
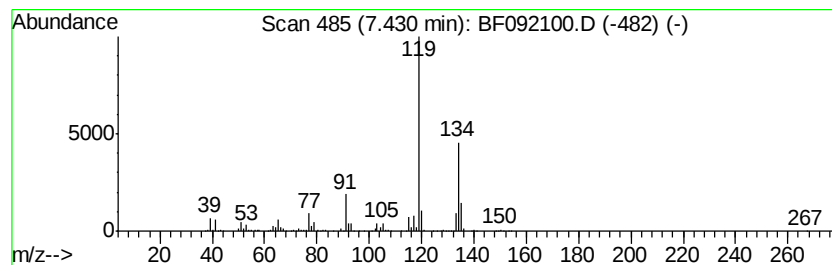
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	9.19 ng	1296930	Naphthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
5		1,3,8-p-Menthatriene	134	C10H14	021195-59-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
Data File : BF092100.D
Acq On : 5 Jan 2017 20:30
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

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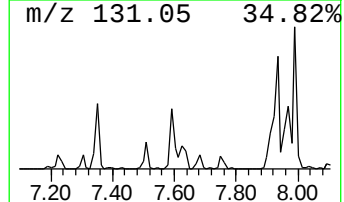
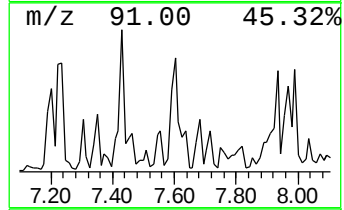
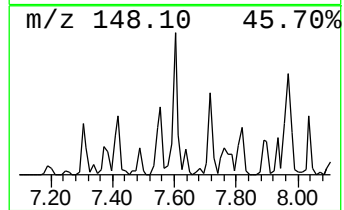
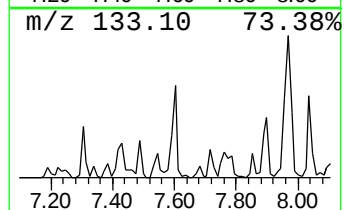
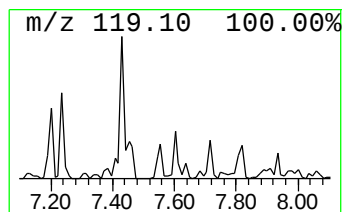
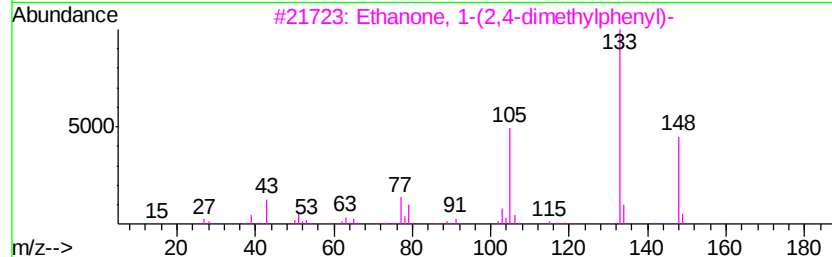
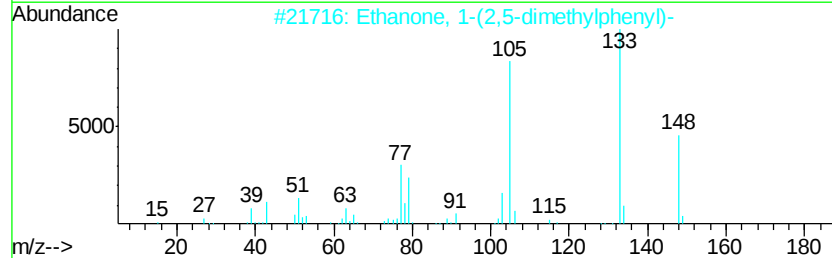
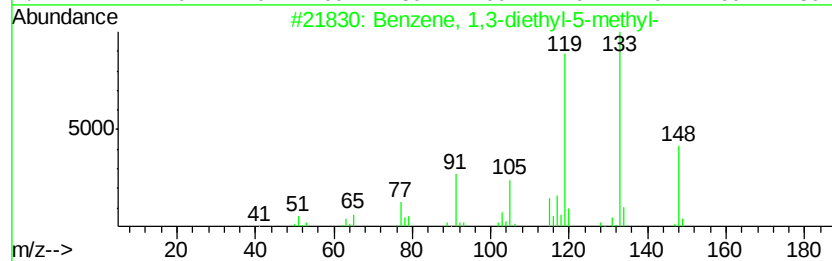
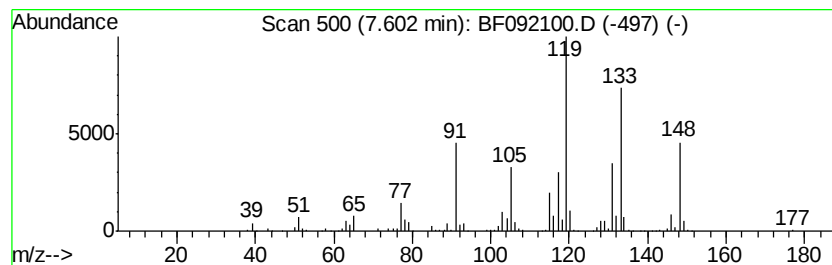
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	11.63 ng	1641900	Napthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
2		Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	50
3		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	50
4		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	49
5		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092100.D
Acq On : 5 Jan 2017 20:30
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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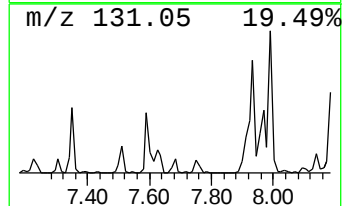
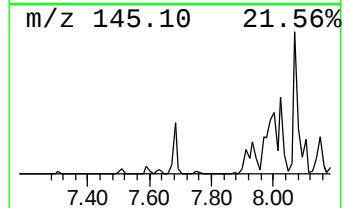
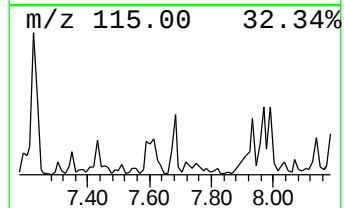
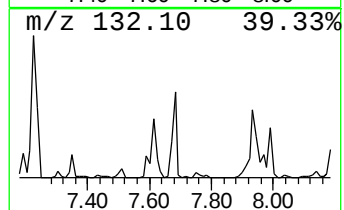
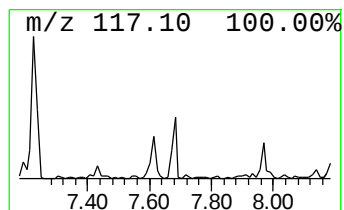
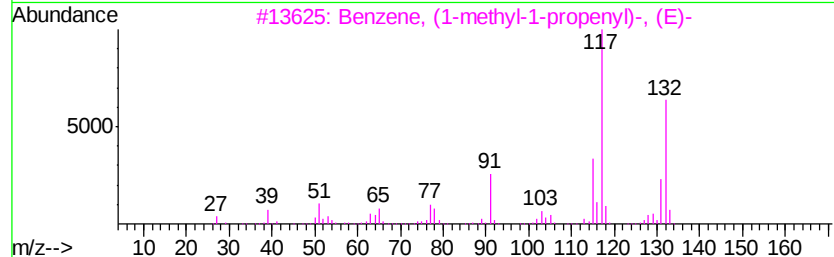
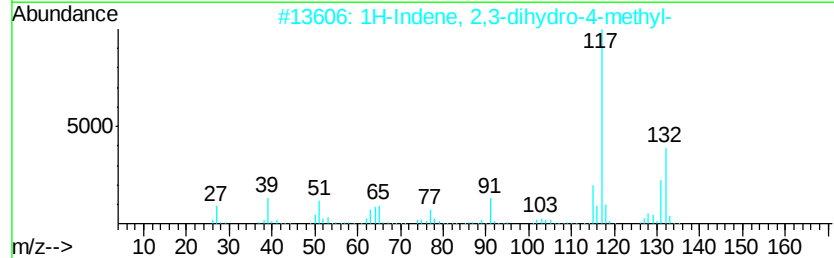
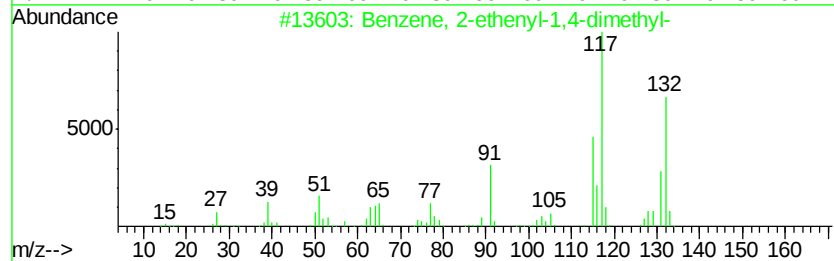
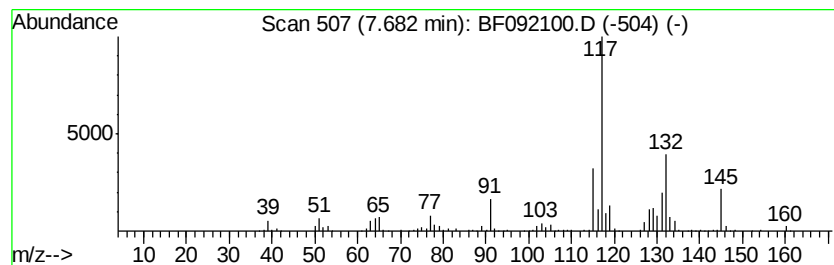
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	5.02 ng	708120	Napthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	72
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092100.D
Acq On : 5 Jan 2017 20:30
Operator : UM/SJ
Sample : I1004-06
Misc :
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Instrument :
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ClientSampleId :
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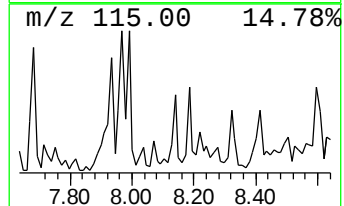
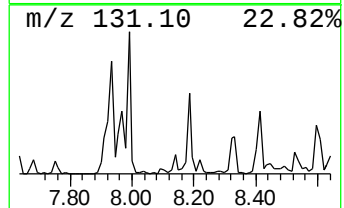
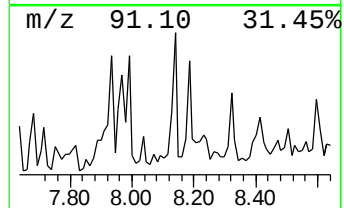
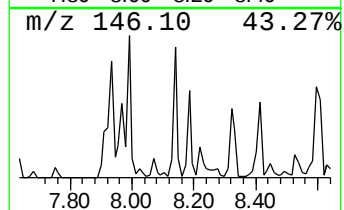
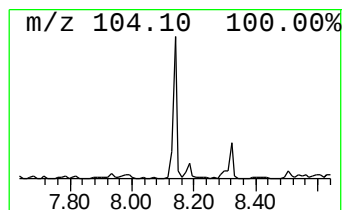
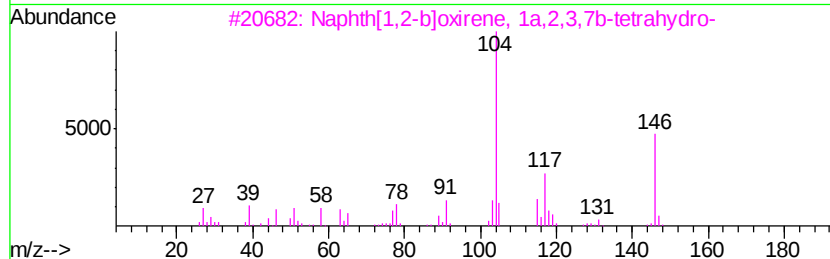
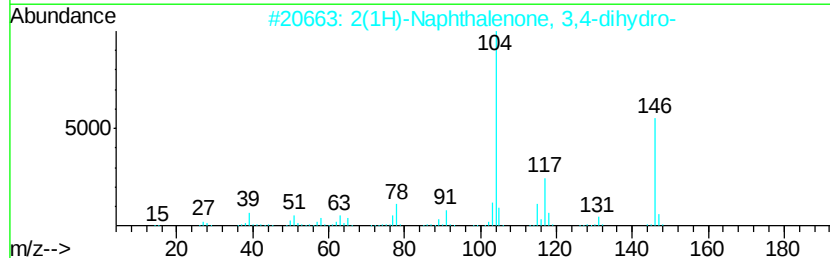
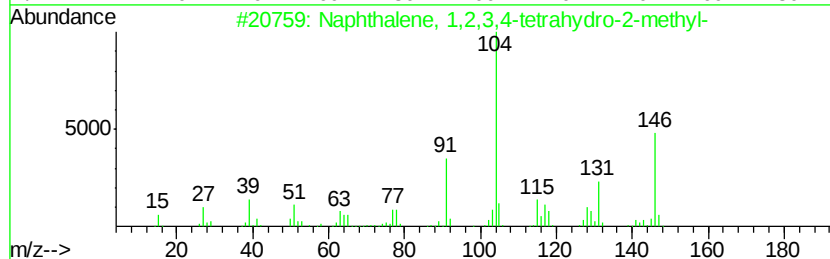
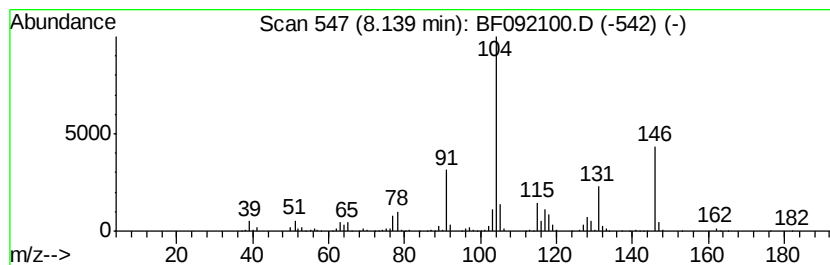
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	5.58 ng	788456	Naphthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	95
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	81
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	64
4		Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	53
5		2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092100.D
Acq On : 5 Jan 2017 20:30
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Sample : I1004-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

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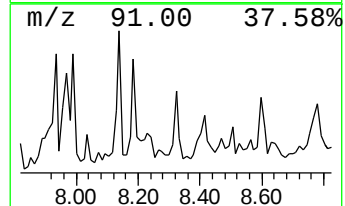
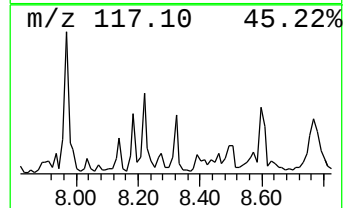
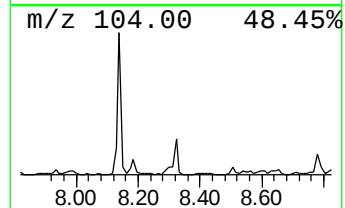
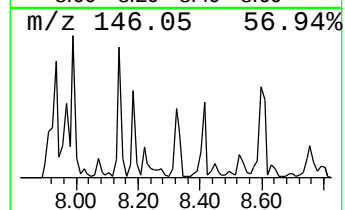
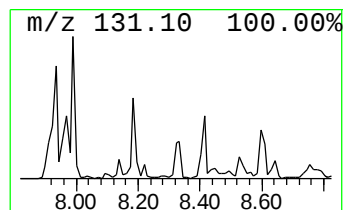
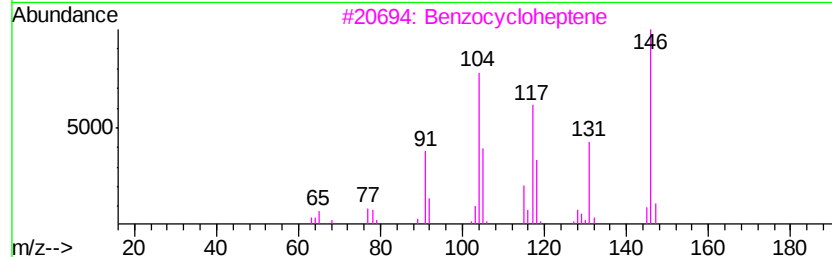
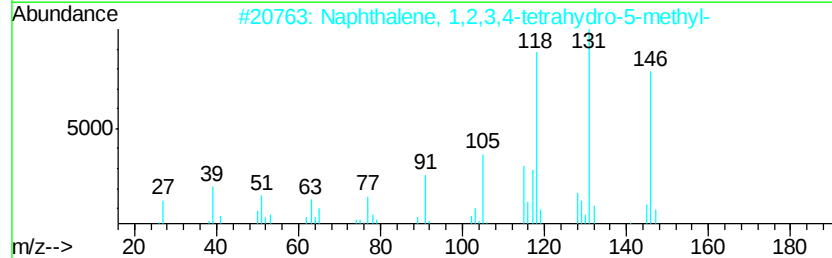
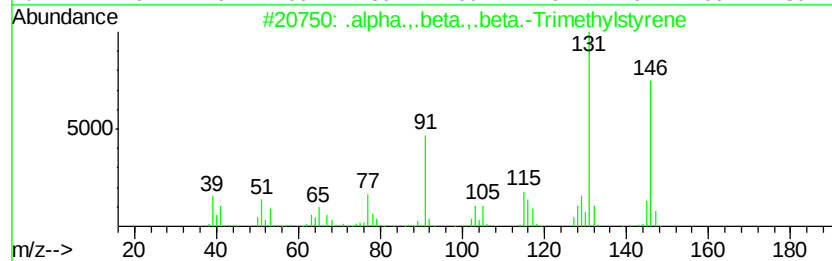
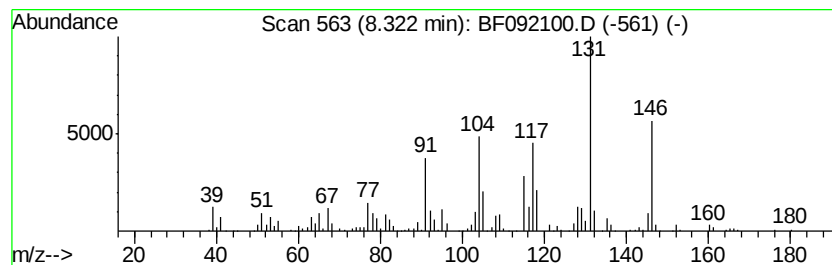
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 .alpha.,.beta.,.beta.-Trime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	5.68 ng	801940	Naphthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	83
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
3		Benzocycloheptene	146	C11H14	001075-16-7	64
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092100.D
Acq On : 5 Jan 2017 20:30
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
MW-22

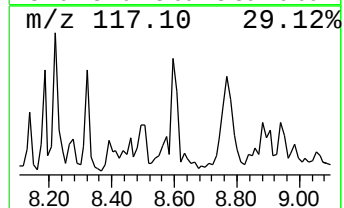
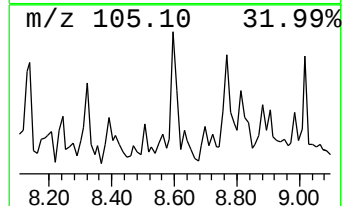
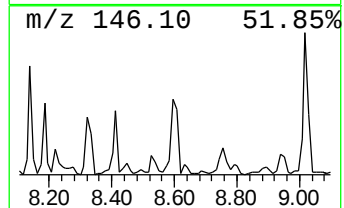
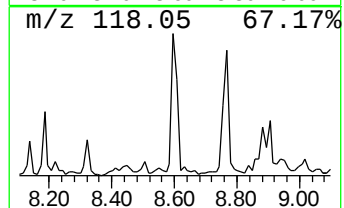
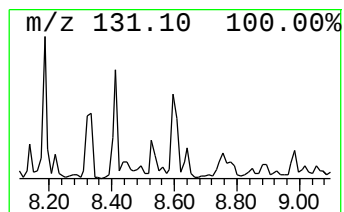
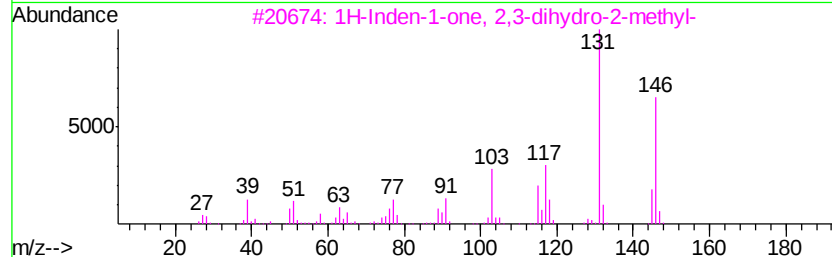
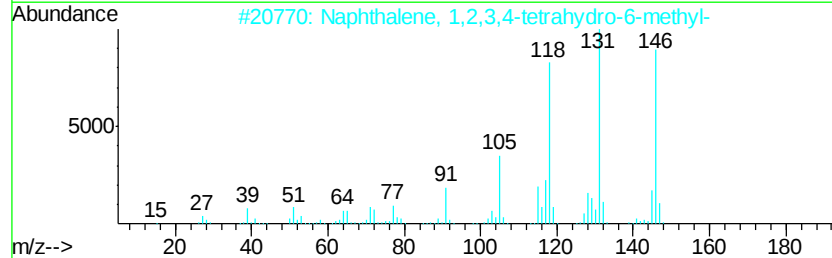
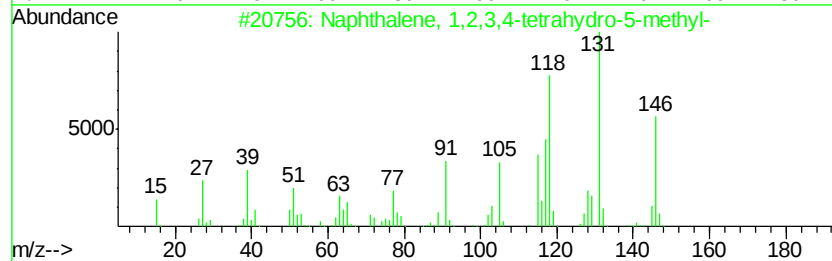
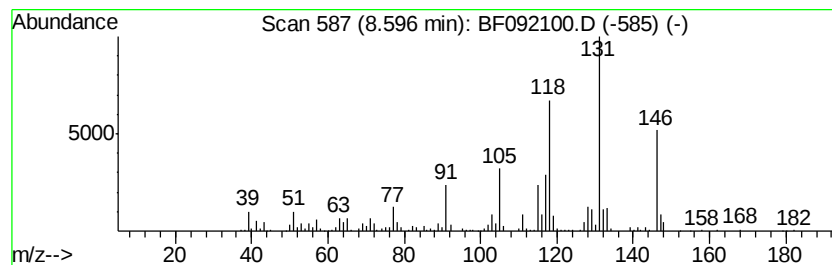
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	5.81 ng	820059	Naphthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	70
4		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	70
5		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092100.D
Acq On : 5 Jan 2017 20:30
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-22

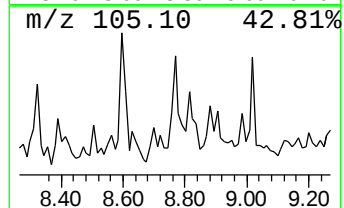
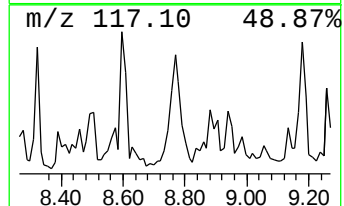
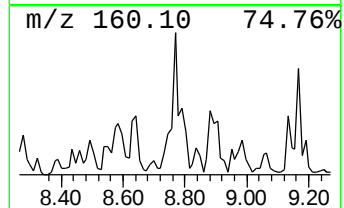
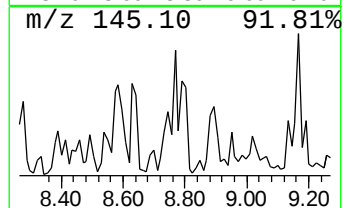
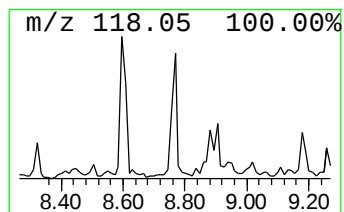
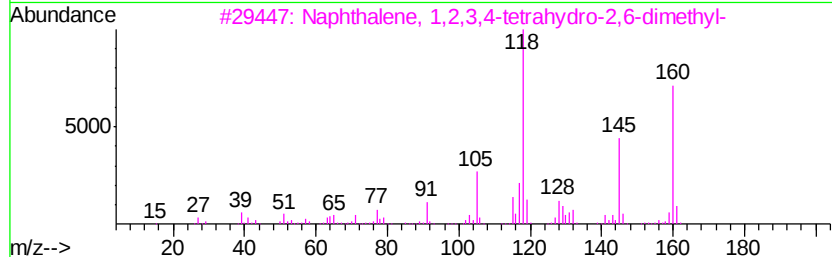
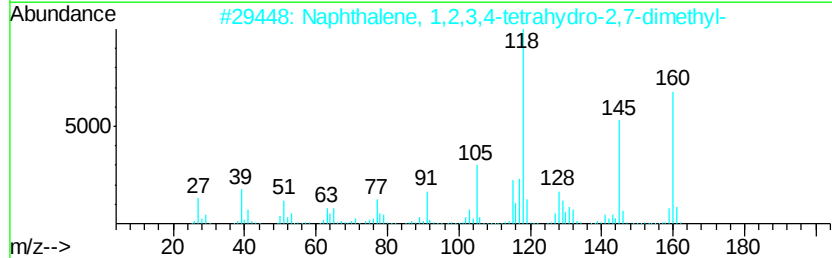
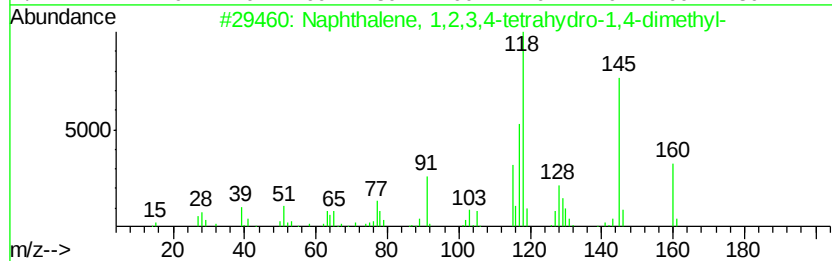
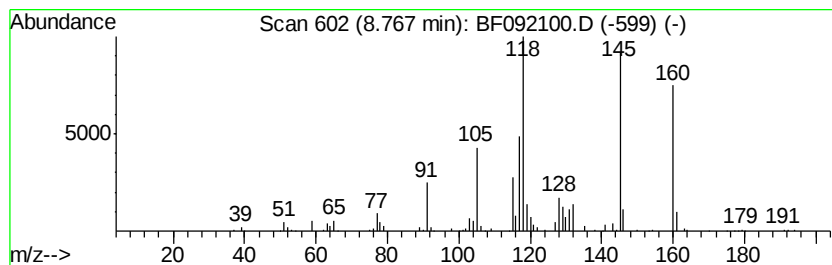
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	7.90 ng	1115900	Naphthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	97
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	74
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	70
5		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092100.D
Acq On : 5 Jan 2017 20:30
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
MW-22

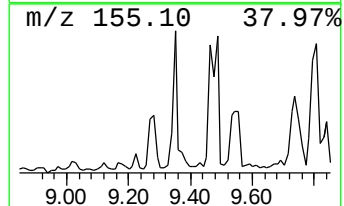
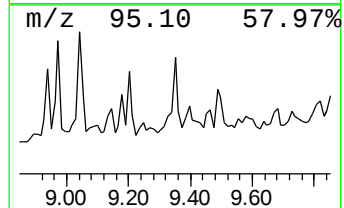
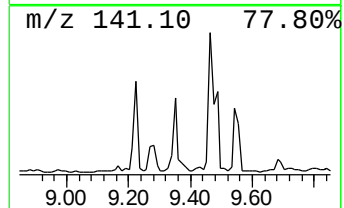
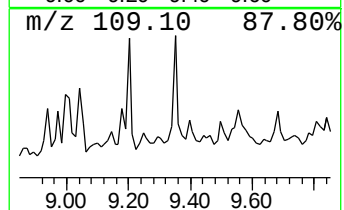
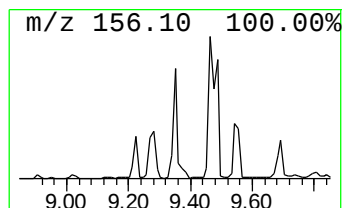
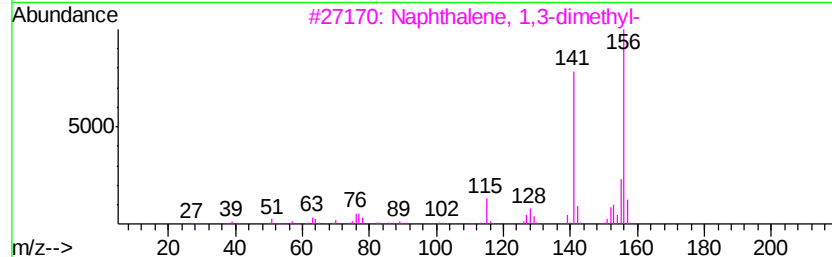
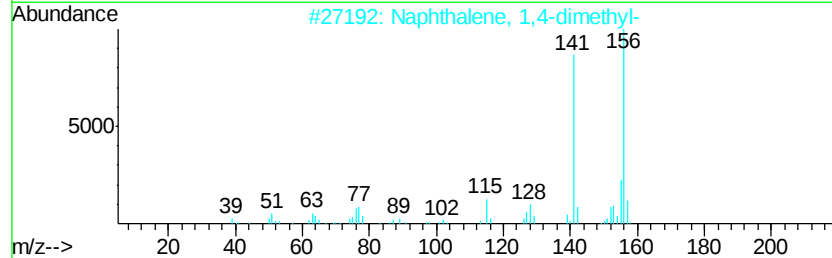
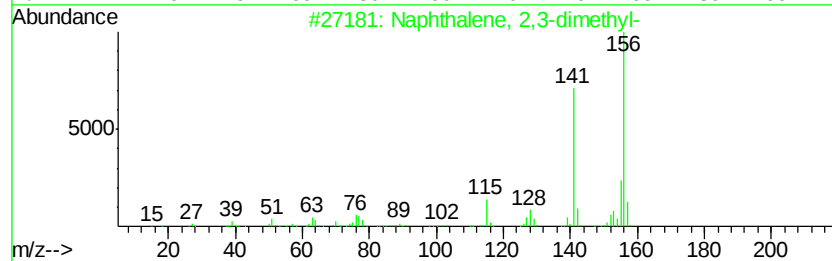
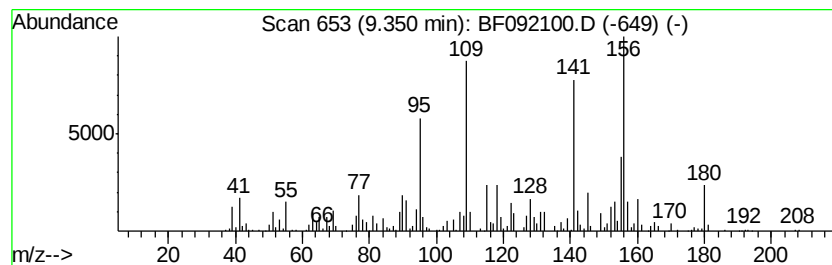
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	15.16 ng	1566880	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	89
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	89
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	89
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	86
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
Data File : BF092100.D
Acq On : 5 Jan 2017 20:30
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-22

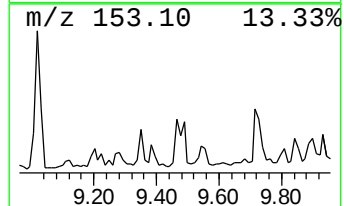
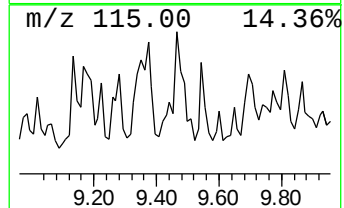
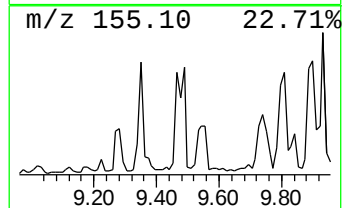
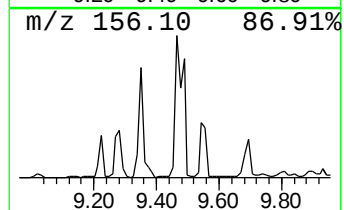
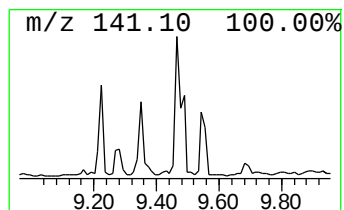
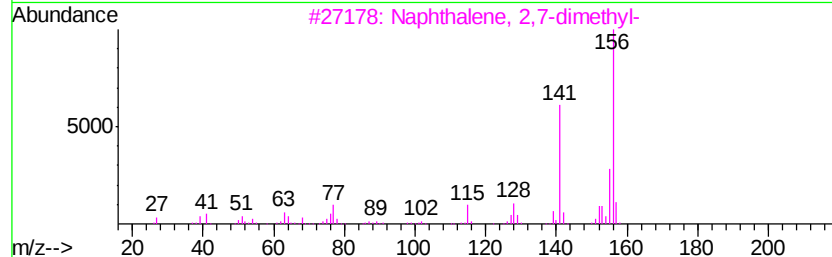
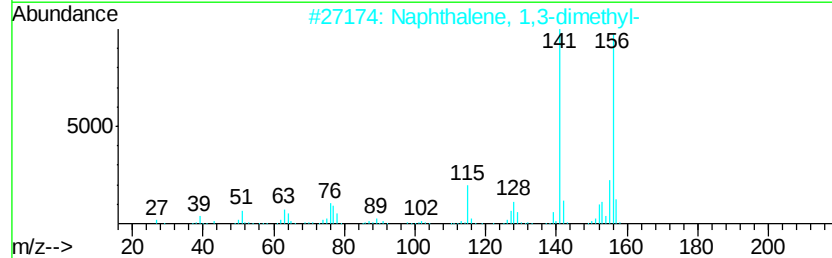
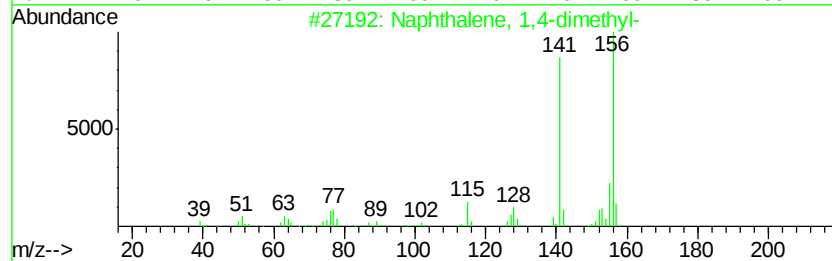
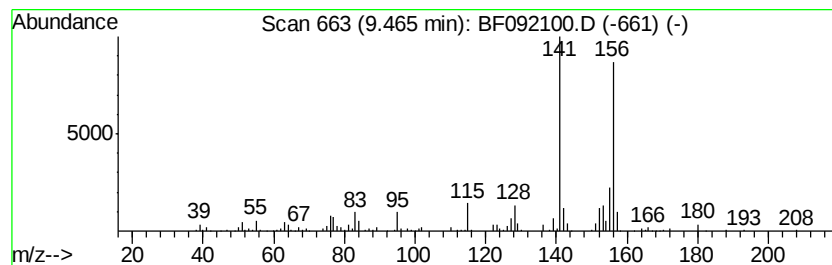
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	9.16 ng	946889	Acenaphthene-d10	9.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092100.D
Acq On : 5 Jan 2017 20:30
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

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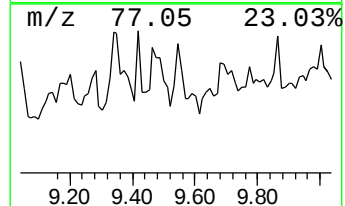
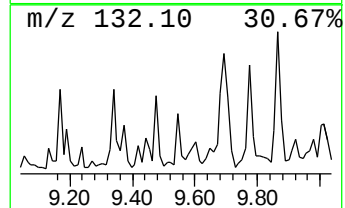
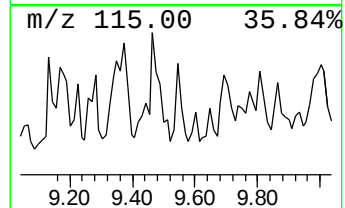
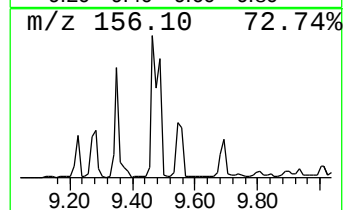
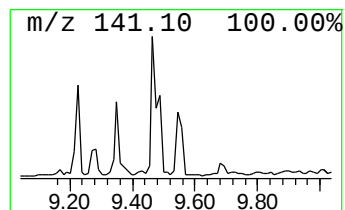
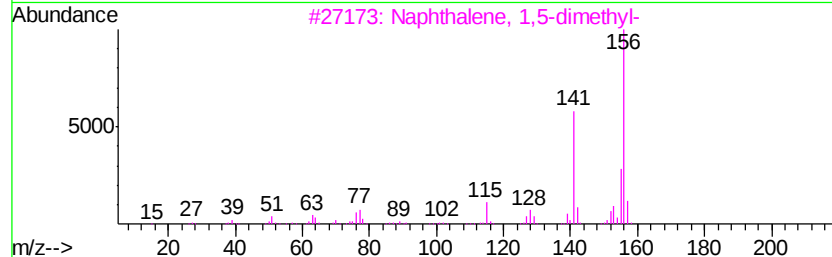
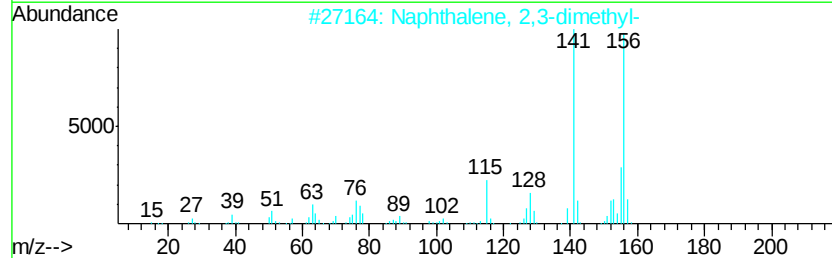
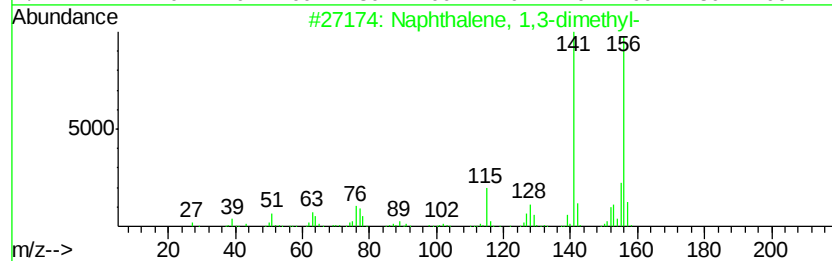
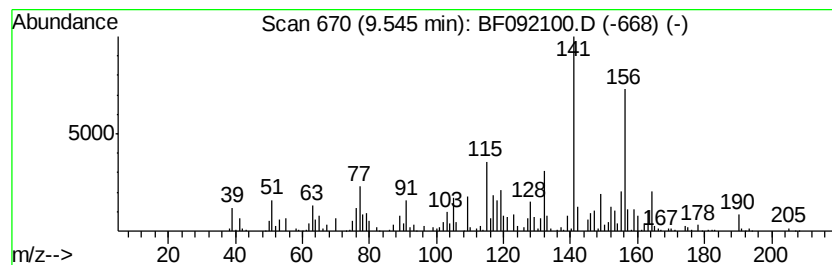
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	5.08 ng	525044	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	92
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	90
5		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092100.D
Acq On : 5 Jan 2017 20:30
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-22

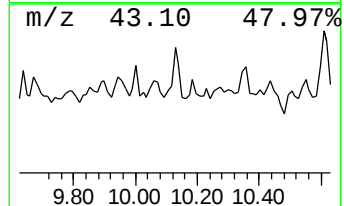
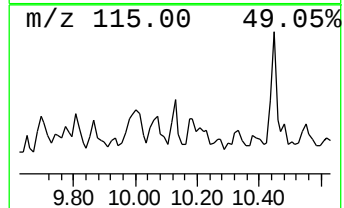
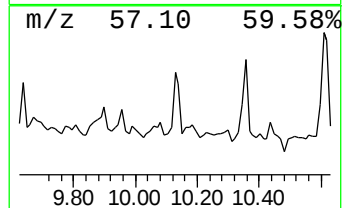
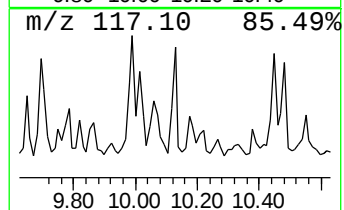
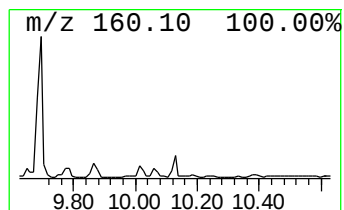
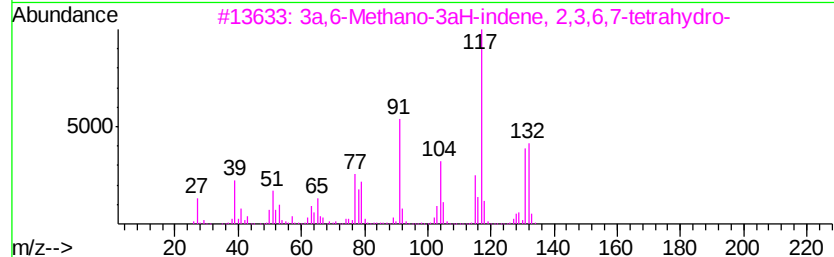
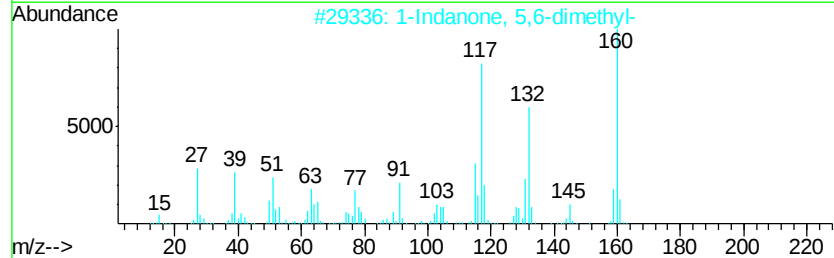
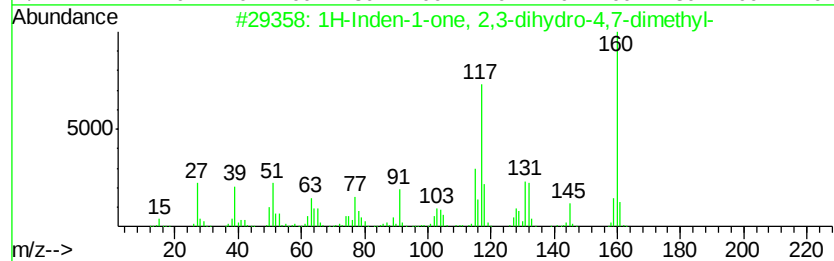
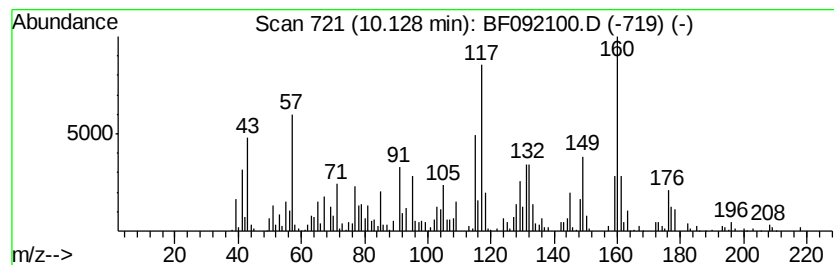
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	5.32 ng	550240	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	64
2		1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	53
3		3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	38
4		2,6-Dihydroxynaphthalene	160	C10H8O2	000581-43-1	38
5		8-Quinolinol, 5-amino-	160	C9H8N2O	013207-66-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
Data File : BF092100.D
Acq On : 5 Jan 2017 20:30
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Sample : I1004-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

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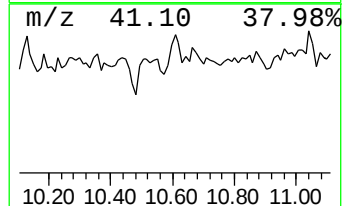
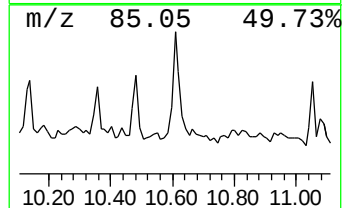
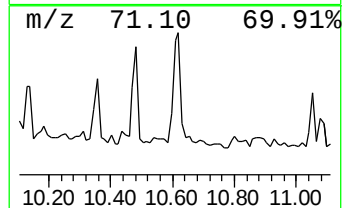
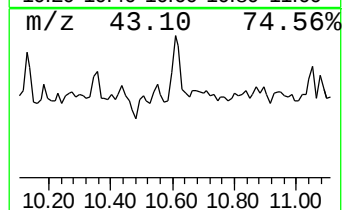
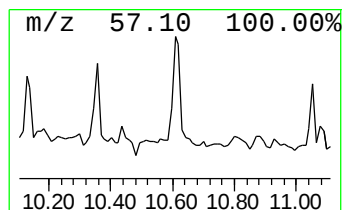
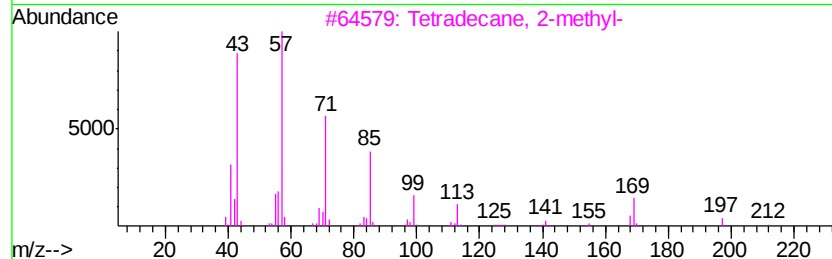
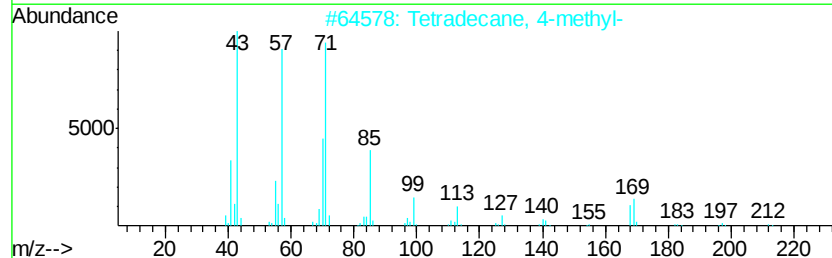
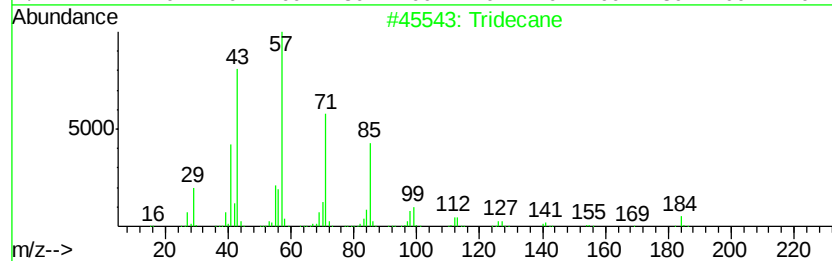
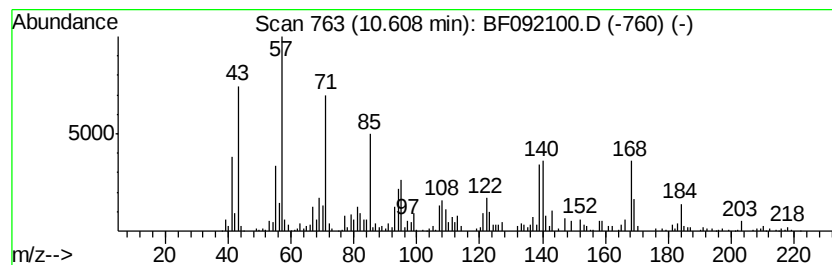
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown10.61 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	7.05 ng	489316	Phenanthrene-d10	11.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	41
2			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	38
3			Tetradecane, 2-methyl-	212	C15H32	001560-95-8	38
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	38
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
Data File : BF092100.D
Acq On : 5 Jan 2017 20:30
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-22

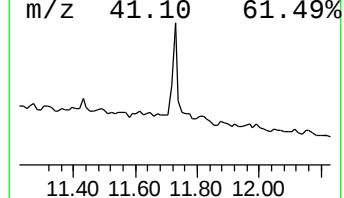
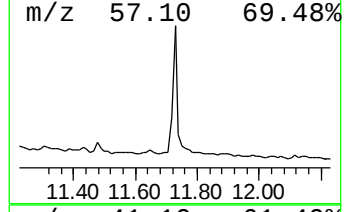
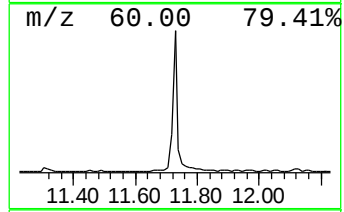
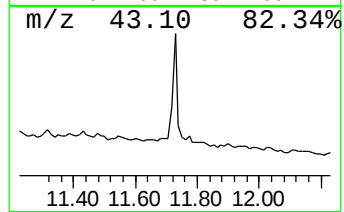
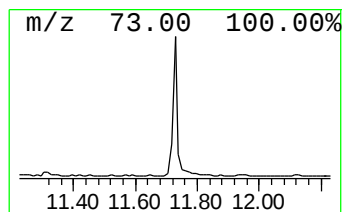
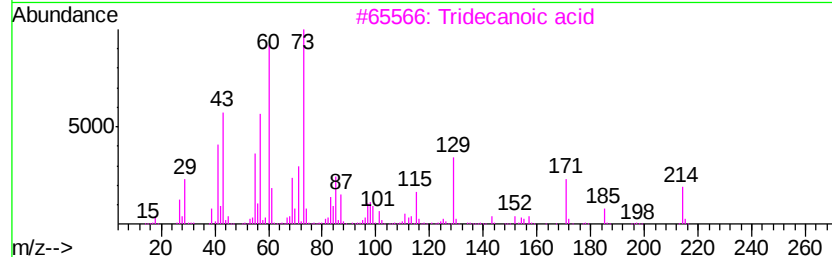
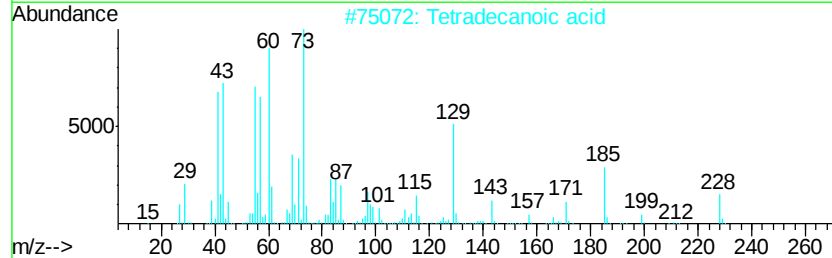
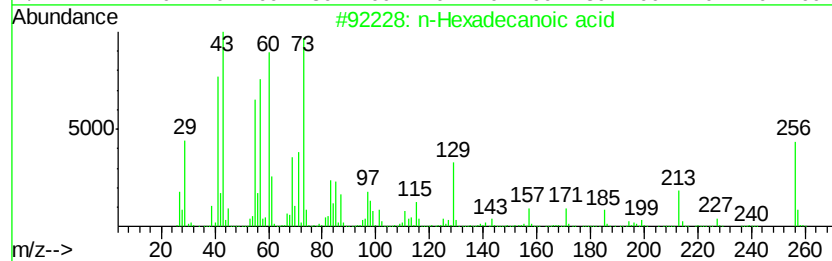
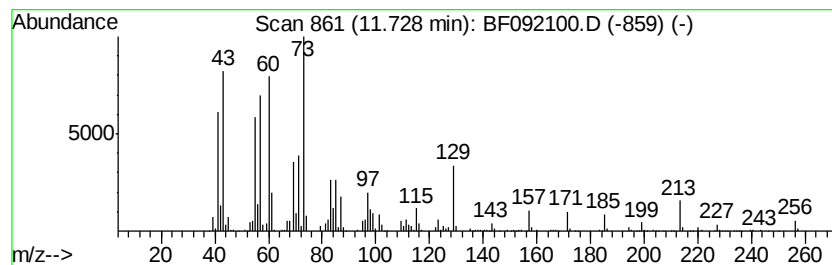
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	13.23 ng	918704	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		Undecanoic acid	186	C11H22O2	000112-37-8	38
5		d-Glucitol, 4-O-decyl-	322	C16H34O6	132591-07-2	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092100.D
Acq On : 5 Jan 2017 20:30
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

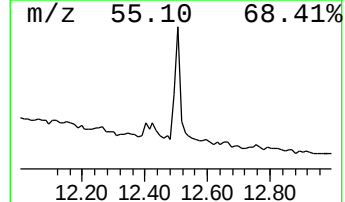
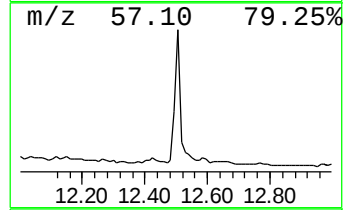
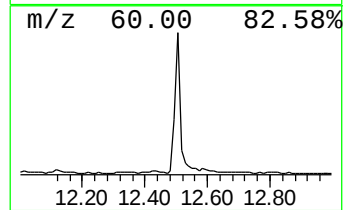
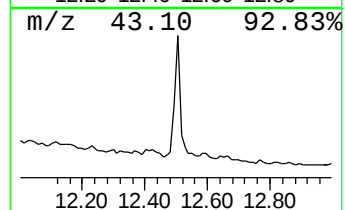
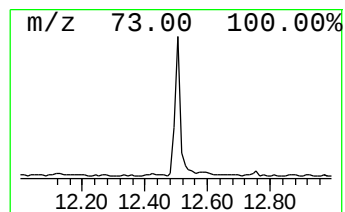
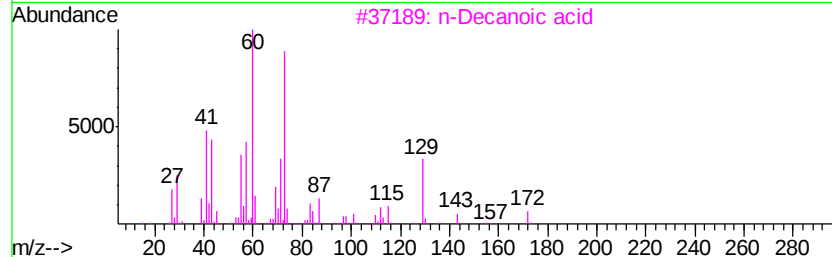
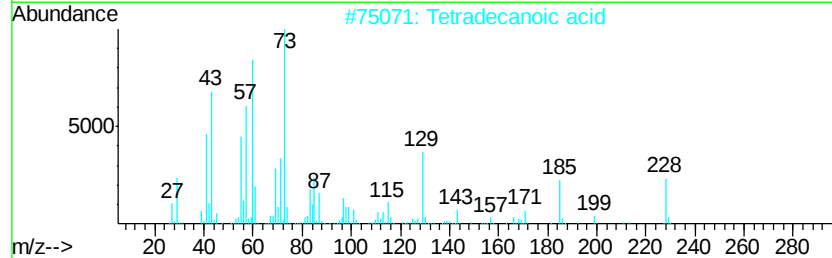
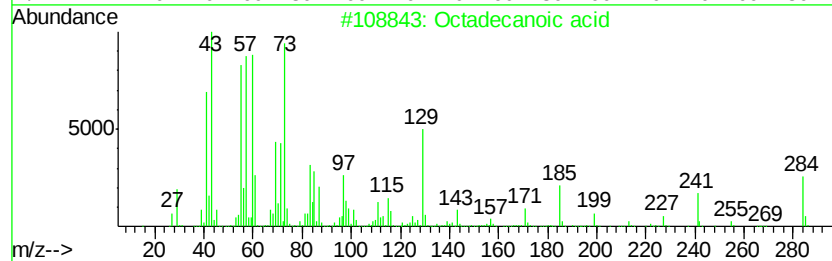
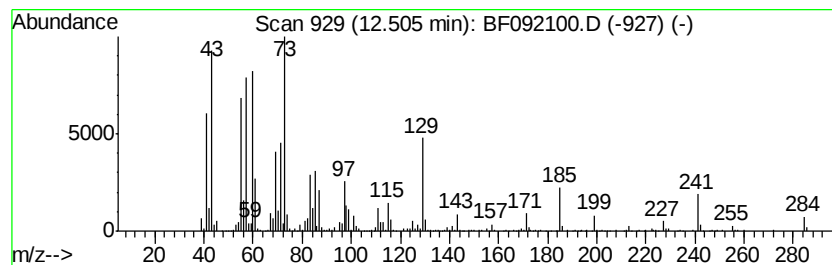
Instrument :
BNA_F
ClientSampleId :
MW-22

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	9.02 ng	600796	Chrysene-d12	13.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octadecanoic acid	284 C18H36O2	000057-11-4 99
2		Tetradecanoic acid	228 C14H28O2	000544-63-8 87
3		n-Decanoic acid	172 C10H20O2	000334-48-5 76
4		Tridecanoic acid	214 C13H26O2	000638-53-9 68
5		Pentadecanoic acid	242 C15H30O2	001002-84-2 62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
 Data File : BF092100.D
 Acq On : 5 Jan 2017 20:30
 Operator : UM/SJ
 Sample : I1004-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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...	4.78	16.3	ng	992505	1	6.65	1220300	20.0
Benzene, (1-methy...	5.80	7.2	ng	438875	1	6.65	1220300	20.0
unknown6.42	6.42	80.4	ng	4908150	1	6.65	1220300	20.0
Benzene, 1,3-diet...	6.90	10.6	ng	647938	1	6.65	1220300	20.0
Benzene, 1,2-diet...	7.00	15.7	ng	956906	1	6.65	1220300	20.0
Benzene, 1,2,4,5-...	7.43	9.2	ng	1296930	2	7.94	2823660	20.0
Benzene, 1,3-diet...	7.60	11.6	ng	1641900	2	7.94	2823660	20.0
Benzene, 2-etheny...	7.68	5.0	ng	708120	2	7.94	2823660	20.0
Naphthalene, 1,2,...	8.14	5.6	ng	788456	2	7.94	2823660	20.0
.alpha.,.beta.,.b...	8.32	5.7	ng	801940	2	7.94	2823660	20.0
Naphthalene, 1,2,...	8.60	5.8	ng	820059	2	7.94	2823660	20.0
Naphthalene, 1,2,...	8.77	7.9	ng	1115900	2	7.94	2823660	20.0
Naphthalene, 2,3-...	9.35	15.2	ng	1566880	3	9.69	2066930	20.0
Naphthalene, 1,4-...	9.46	9.2	ng	946889	3	9.69	2066930	20.0
Naphthalene, 1,3-...	9.54	5.1	ng	525044	3	9.69	2066930	20.0
1H-Inden-1-one, 2...	10.13	5.3	ng	550240	3	9.69	2066930	20.0
unknown10.61	10.61	7.0	ng	489316	4	11.17	1388430	20.0
n-Hexadecanoic acid	11.73	13.2	ng	918704	4	11.17	1388430	20.0
Octadecanoic acid	12.50	9.0	ng	600796	5	13.80	1332820	20.0