

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087549.D
 Acq On : 30 May 2016 14:12
 Operator : UM/SJ
 Sample : H3317-03
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

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-BF052316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.033	37	39	51	rVB2	35158	104646	2.31%	0.159%
2	4.753	275	277	289	rBV2	31034	145766	3.21%	0.222%
3	5.381	331	332	348	rBV	505565	1530786	33.75%	2.328%
4	5.633	352	354	360	rVB2	58759	131130	2.89%	0.199%
5	6.764	451	453	456	rVV	47403	98627	2.17%	0.150%
6	6.879	460	463	464	rBV2	52419	108276	2.39%	0.165%
7	6.913	464	466	470	rVB	72927	126581	2.79%	0.193%
8	6.982	470	472	477	rBV	66316	119110	2.63%	0.181%
9	7.050	477	478	483	rVV	415497	878669	19.38%	1.336%
10	7.130	483	485	495	rVV	1965502	3640700	80.28%	5.537%
11	7.404	505	509	514	rVV4	55853	137093	3.02%	0.208%
12	7.473	514	515	519	rVV	448310	735704	16.22%	1.119%
13	7.530	519	520	522	rVV2	92285	139672	3.08%	0.212%
14	7.565	522	523	528	rVB	83773	116837	2.58%	0.178%
15	7.702	533	535	537	rBV	2098101	2817176	62.12%	4.284%
16	7.896	550	552	557	rVB2	224674	372309	8.21%	0.566%
17	8.033	560	564	570	rBV3	185291	608479	13.42%	0.925%
18	8.182	575	577	580	rVB	96697	129379	2.85%	0.197%
19	8.239	580	582	586	rBV3	105341	249338	5.50%	0.379%
20	8.319	586	589	590	rVV2	264260	484126	10.68%	0.736%
21	8.342	590	591	594	rVV2	788077	1505219	33.19%	2.289%
22	8.399	594	596	602	rVV	1657895	2703202	59.61%	4.111%
23	8.502	602	605	606	rVV3	86091	165728	3.65%	0.252%
24	8.570	606	611	615	rVB3	154428	410494	9.05%	0.624%
25	8.685	619	621	622	rBV	57458	91424	2.02%	0.139%
26	8.719	622	624	627	rVV	627199	754968	16.65%	1.148%
27	8.765	627	628	632	rVV	133148	212049	4.68%	0.322%
28	8.902	638	640	643	rBV2	91945	122360	2.70%	0.186%
29	8.970	643	646	647	rBV	153700	254789	5.62%	0.387%
30	8.993	647	648	654	rVB2	500344	797785	17.59%	1.213%
31	9.096	654	657	664	rBV2	1020831	2767390	61.02%	4.209%
32	9.188	664	665	668	rVV2	150767	225267	4.97%	0.343%
33	9.245	668	670	675	rVB2	598175	990604	21.84%	1.507%
34	9.359	675	680	682	rBV2	131901	235761	5.20%	0.359%

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35	9.473	687	690	691 rBV2	142150	234195	5.16%	0.356%
36	9.508	691	693	695 rVV	1022367	1452916	32.04%	2.210%
37	9.542	695	696	698 rVV2	697946	920891	20.31%	1.400%
38	9.599	700	701	704 rVB	384246	394091	8.69%	0.599%
39	9.702	708	710	714 rVB2	224470	335830	7.41%	0.511%
40	9.793	714	718	720 rVB2	114054	248859	5.49%	0.378%
41	9.839	720	722	726 rBV4	215341	484025	10.67%	0.736%
42	9.908	726	728	731 rVB2	151609	211313	4.66%	0.321%
43	9.976	731	734	736 rBV3	212115	329293	7.26%	0.501%
44	10.022	736	738	739 rBV	134924	196838	4.34%	0.299%
45	10.113	743	746	747 rBV2	101526	143776	3.17%	0.219%
46	10.159	747	750	752 rVB2	154232	268707	5.93%	0.409%
47	10.228	752	756	757 rBV3	113490	305518	6.74%	0.465%
48	10.285	759	761	762 rBV	349086	441044	9.73%	0.671%
49	10.331	762	765	769 rVB4	423664	1142261	25.19%	1.737%
50	10.422	769	773	774 rBV4	115189	225713	4.98%	0.343%
51	10.502	778	780	782 rVB2	131137	198575	4.38%	0.302%
52	10.582	782	787	789 rBV3	395775	967428	21.33%	1.471%
53	10.673	791	795	800 rVB	680177	1483071	32.70%	2.255%
54	10.776	800	804	806 rBV2	362116	765654	16.88%	1.164%
55	10.822	806	808	810 rBV	984107	1370384	30.22%	2.084%
56	10.856	810	811	814 rVB	546964	728197	16.06%	1.107%
57	10.971	819	821	825 rBV4	118628	349601	7.71%	0.532%
58	11.085	829	831	836 rVB3	198302	366854	8.09%	0.558%
59	11.165	836	838	845 rBV4	373143	1161999	25.62%	1.767%
60	11.279	845	848	854 rVB	2724840	4535023	100.00%	6.897%
61	11.416	858	860	863 rVB	288147	344145	7.59%	0.523%
62	11.508	864	868	870 rBV3	168354	458488	10.11%	0.697%
63	11.588	873	875	879 rVB3	196804	404820	8.93%	0.616%
64	11.713	882	886	887 rBV2	265197	511520	11.28%	0.778%
65	11.805	890	894	896 rBV3	357891	980099	21.61%	1.491%
66	11.851	896	898	900 rBV2	220495	286337	6.31%	0.435%
67	11.988	905	910	918 rVV7	522494	1970735	43.46%	2.997%
68	12.125	920	922	927 rBV3	116212	273403	6.03%	0.416%
69	12.296	932	937	938 rBV5	268503	793796	17.50%	1.207%
70	12.331	938	940	944 rVB2	931292	1366384	30.13%	2.078%
71	12.434	946	949	952 rVB2	252596	617485	13.62%	0.939%

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72	12.514	952	956	957	rBV3	127605	288285	6.36%	0.438%
73	12.559	957	960	963	rBV2	184429	390721	8.62%	0.594%
74	12.662	968	969	971	rBV2	86791	127561	2.81%	0.194%
75	12.708	971	973	977	rVB2	221142	301251	6.64%	0.458%
76	12.776	977	979	982	rVB3	124389	278630	6.14%	0.424%
77	12.891	983	989	991	rBV4	238984	845755	18.65%	1.286%
78	13.096	1004	1007	1011	rVB5	308979	727843	16.05%	1.107%
79	13.165	1011	1013	1015	rVV2	141642	269496	5.94%	0.410%
80	13.245	1018	1020	1023	rVB4	68781	101065	2.23%	0.154%
81	13.519	1042	1044	1047	rVB2	173748	278223	6.13%	0.423%
82	13.634	1051	1054	1058	rVV	1817970	2581681	56.93%	3.926%
83	13.702	1058	1060	1063	rVB2	97375	155015	3.42%	0.236%
84	13.931	1077	1080	1083	rBV5	210739	499385	11.01%	0.759%
85	14.011	1084	1087	1091	rVV2	168949	361567	7.97%	0.550%
86	14.297	1110	1112	1116	rVB4	141352	282214	6.22%	0.429%
87	14.365	1116	1118	1120	rVV	119654	166736	3.68%	0.254%
88	14.422	1121	1123	1127	rVV	87273	158223	3.49%	0.241%
89	14.491	1127	1129	1131	rVV2	78101	129653	2.86%	0.197%
90	14.537	1131	1133	1136	rVB	153751	218919	4.83%	0.333%
91	14.662	1141	1144	1145	rBV	104673	170794	3.77%	0.260%
92	14.742	1149	1151	1156	rBV	631682	883490	19.48%	1.344%
93	15.337	1201	1203	1205	rBV2	69536	108315	2.39%	0.165%
94	15.680	1231	1233	1236	rBV2	55065	92897	2.05%	0.141%
95	15.737	1236	1238	1242	rVB3	109747	168864	3.72%	0.257%
96	16.834	1330	1334	1341	rVV3	89755	259535	5.72%	0.395%
97	17.097	1354	1357	1359	rBV	2095357	3169264	69.88%	4.820%
98	17.931	1427	1430	1435	rVB2	83813	131085	2.89%	0.199%
99	18.468	1474	1477	1489	rVB	310789	710132	15.66%	1.080%
100	20.149	1622	1624	1643	rVB	254423	717488	15.82%	1.091%

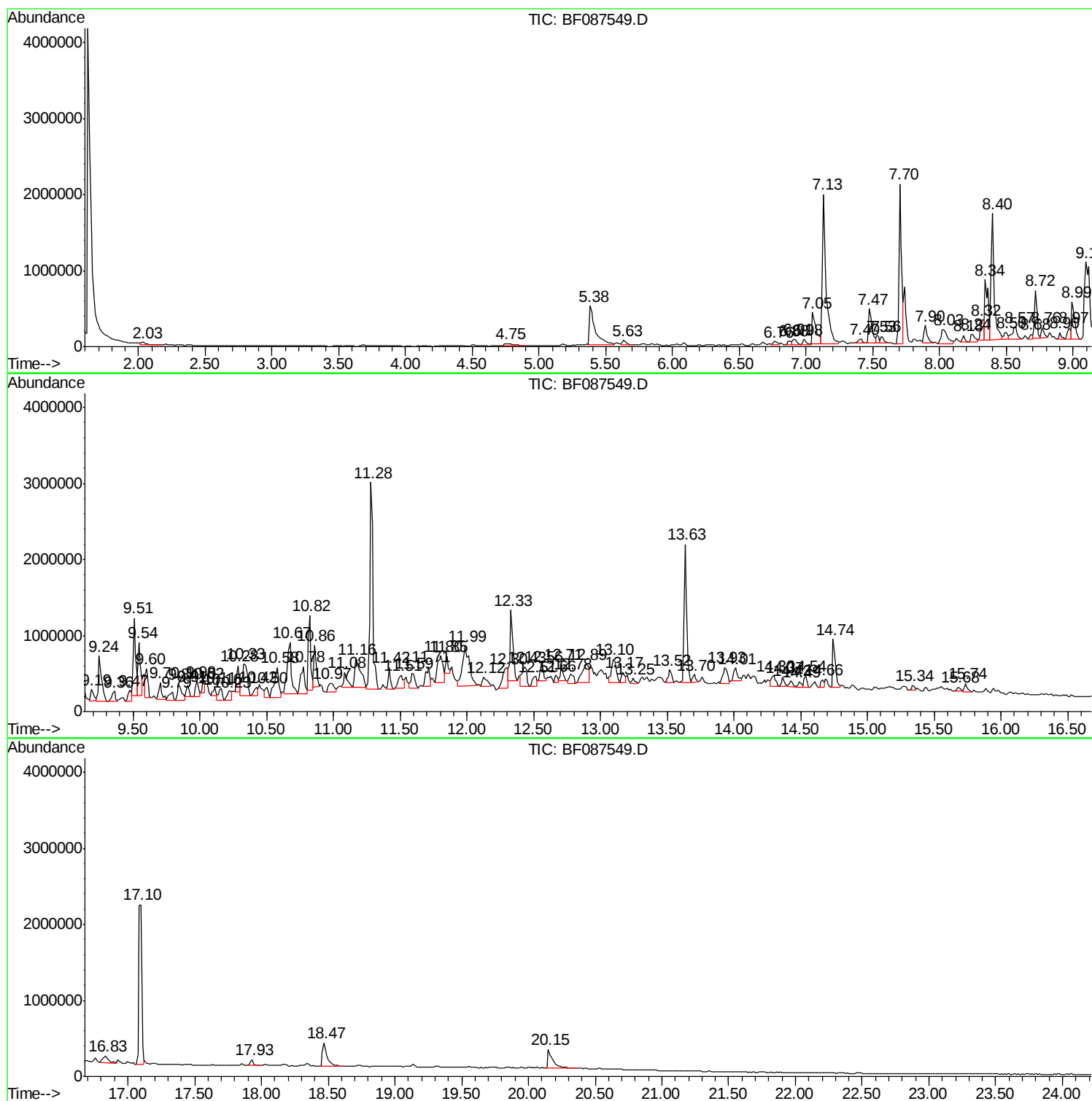
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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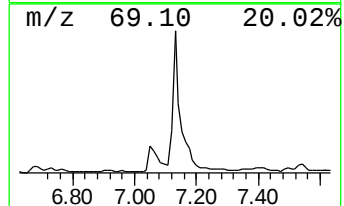
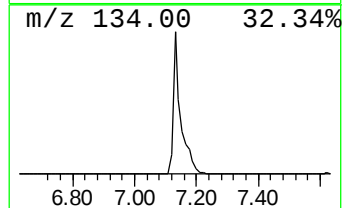
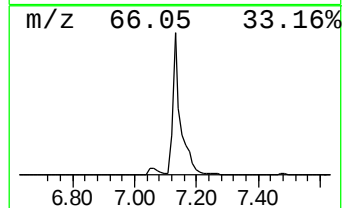
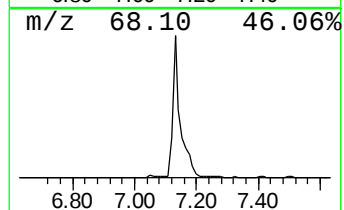
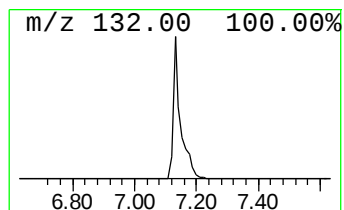
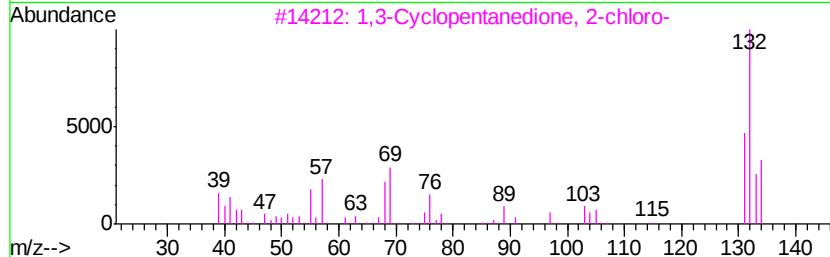
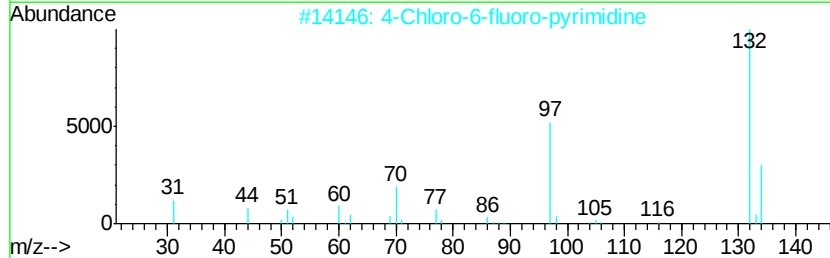
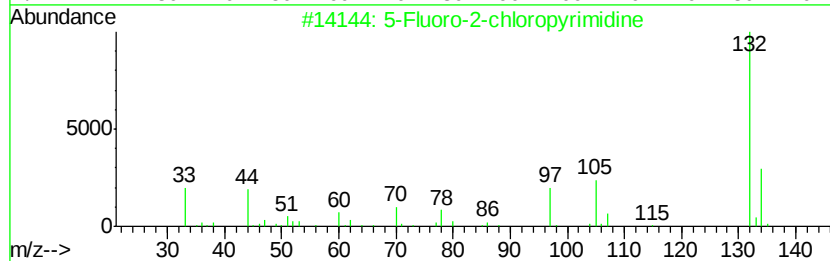
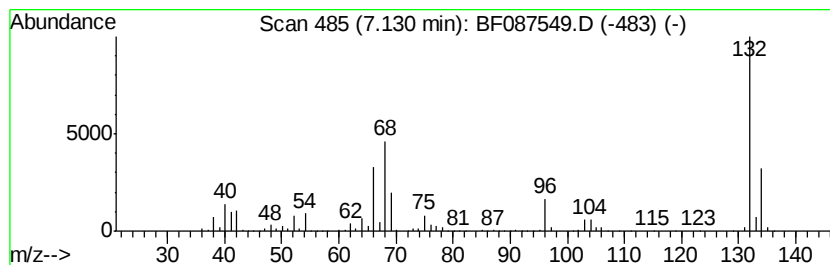
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.13 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	98.97 ng	3640700	1,4-Dichlorobenzene-d4	7.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22



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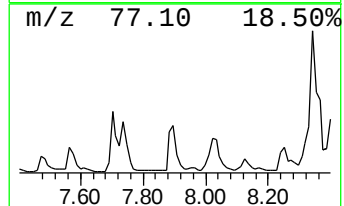
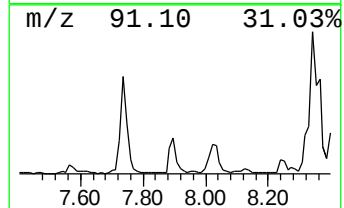
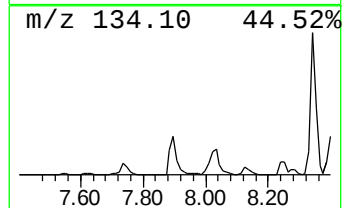
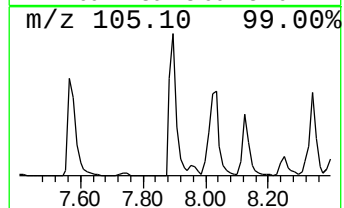
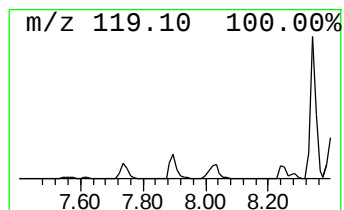
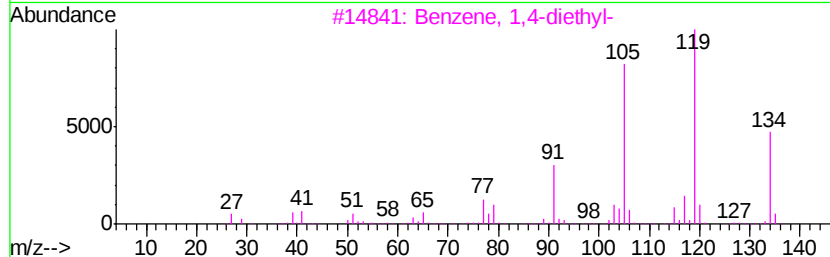
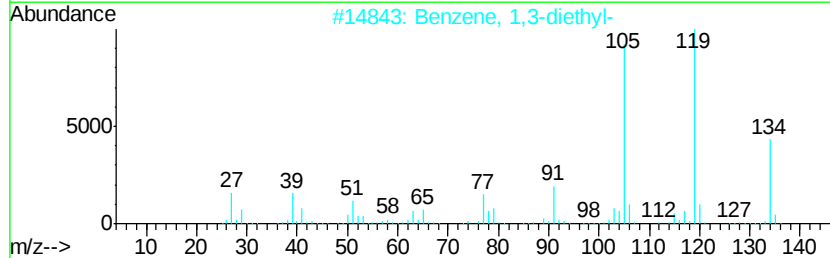
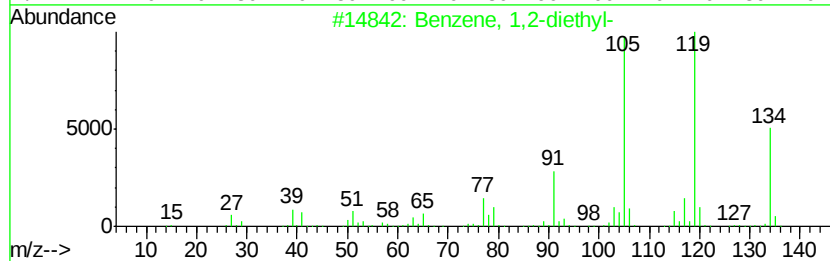
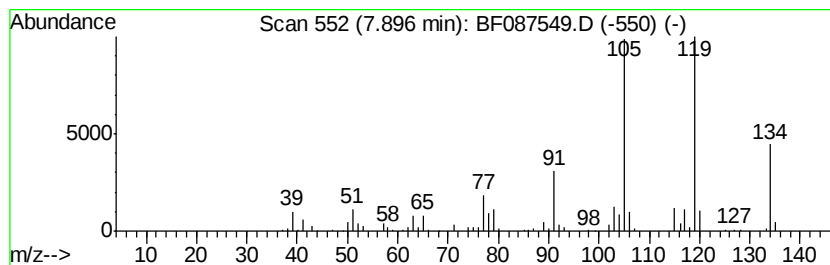
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	10.12 ng	372309	1,4-Dichlorobenzene-d4	7.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



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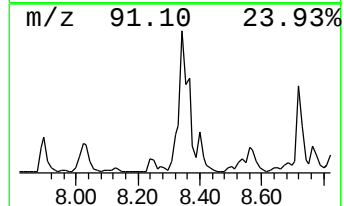
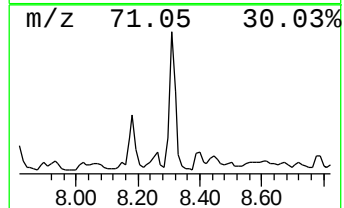
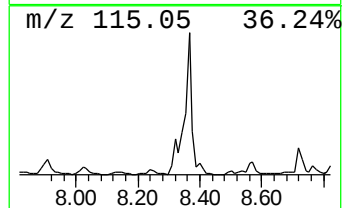
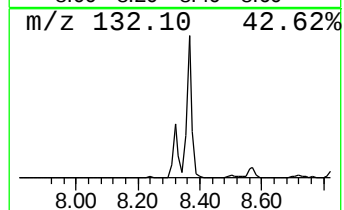
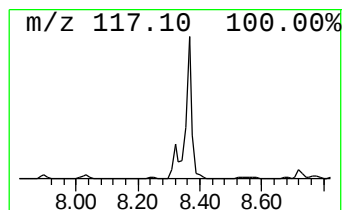
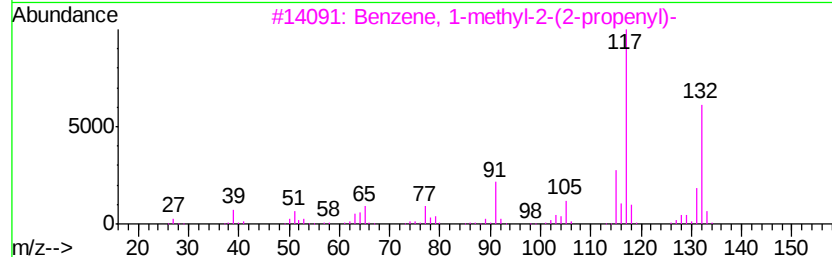
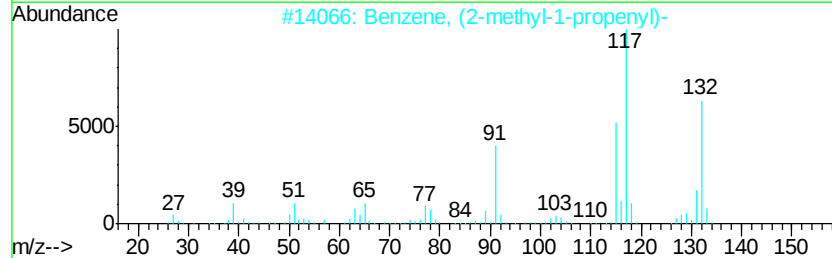
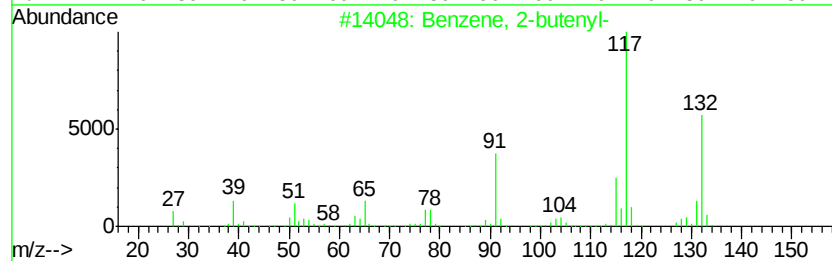
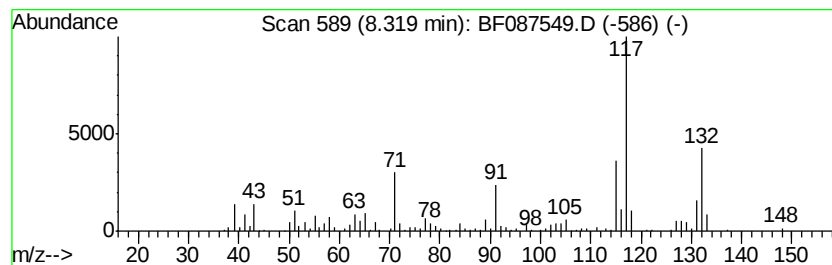
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Peak Number 5 Benzene, 2-butenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	13.16 ng	484126	1,4-Dichlorobenzene-d4	7.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94
2		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	92
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
4		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087549.D
Acq On : 30 May 2016 14:12
Operator : UM/SJ
Sample : H3317-03
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-08

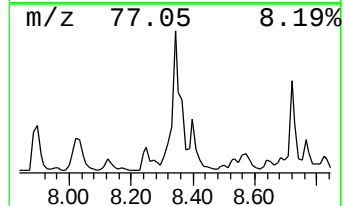
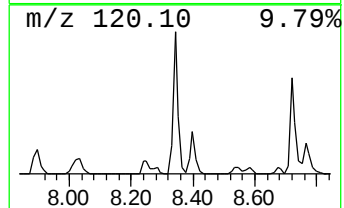
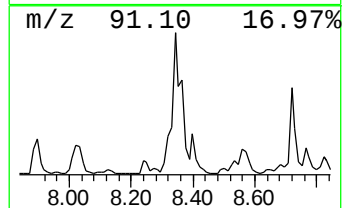
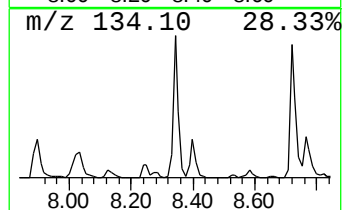
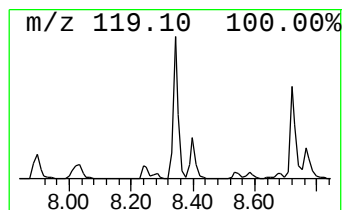
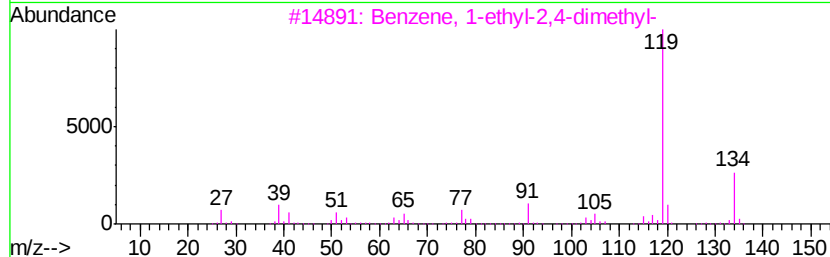
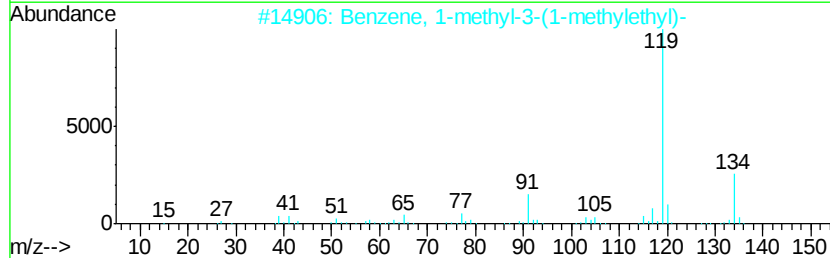
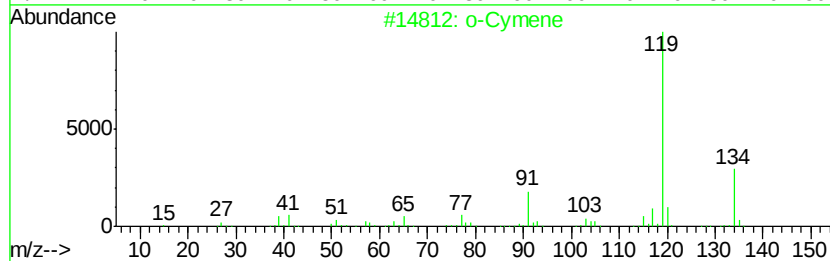
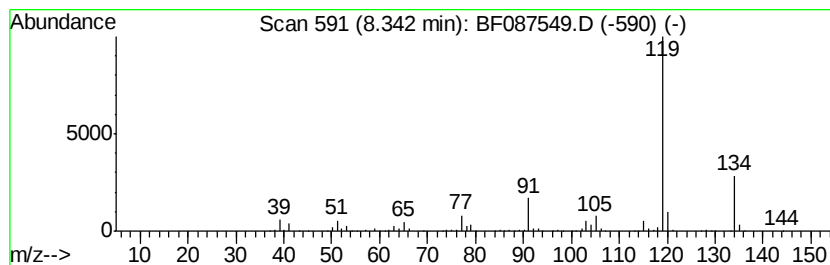
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	40.92 ng	1505220	1,4-Dichlorobenzene-d4	7.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087549.D
Acq On : 30 May 2016 14:12
Operator : UM/SJ
Sample : H3317-03
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-08

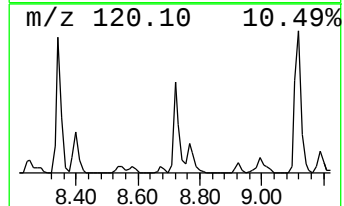
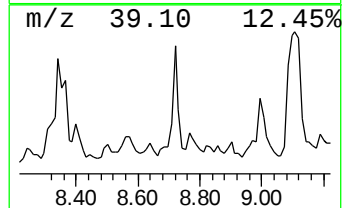
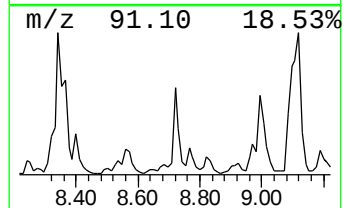
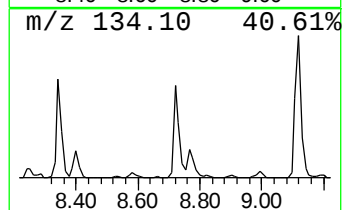
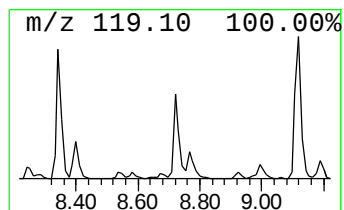
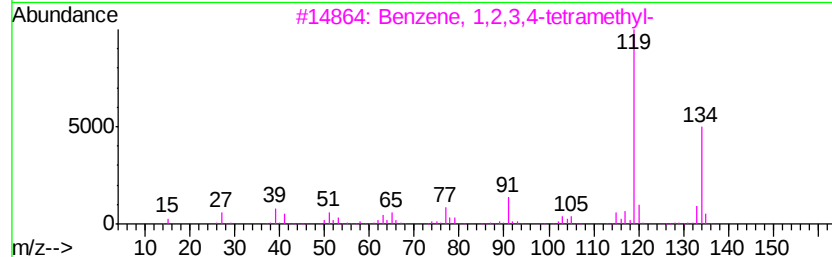
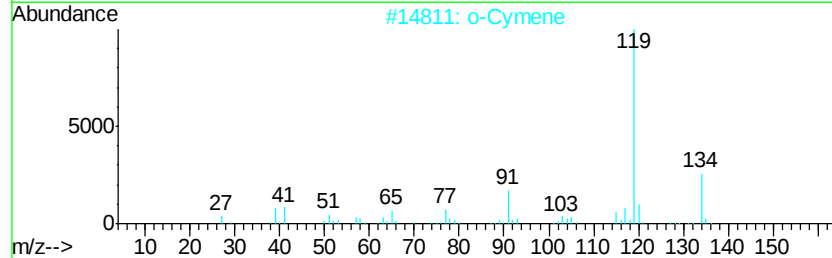
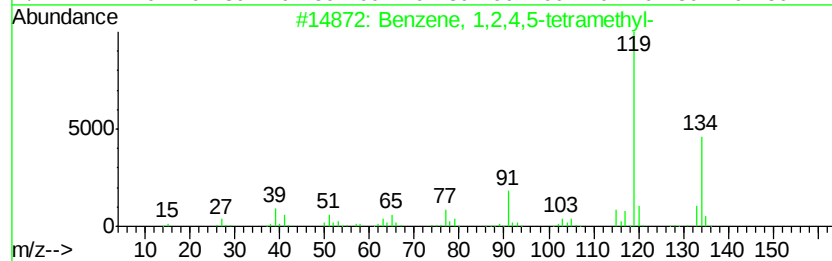
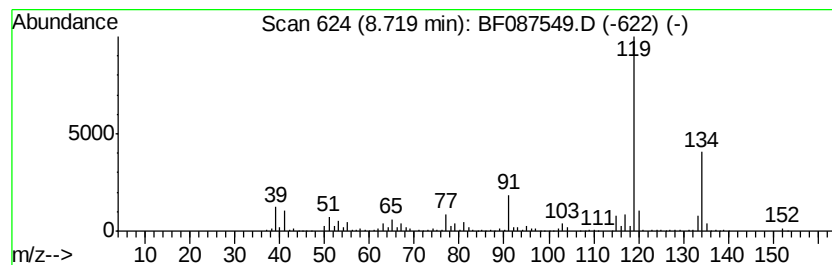
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	10.39 ng	754968	Naphthalene-d8	9.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087549.D
Acq On : 30 May 2016 14:12
Operator : UM/SJ
Sample : H3317-03
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-08

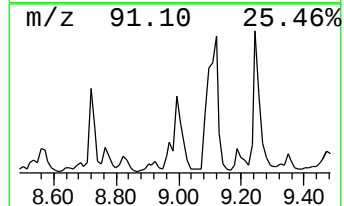
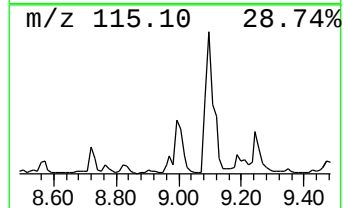
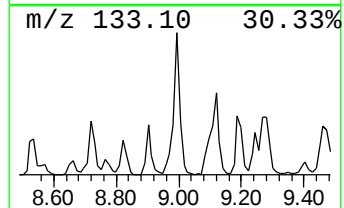
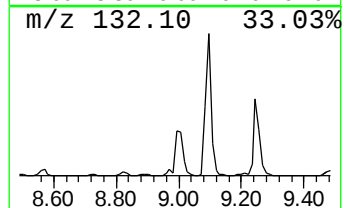
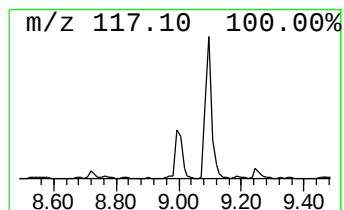
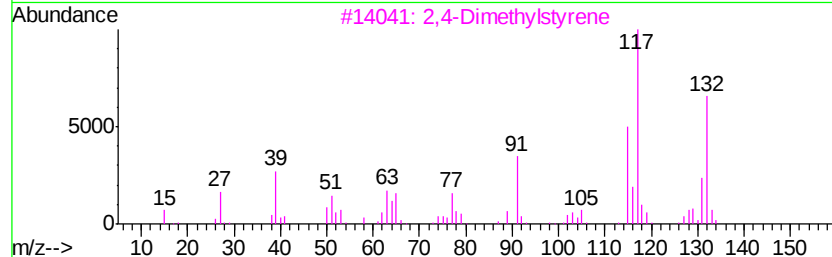
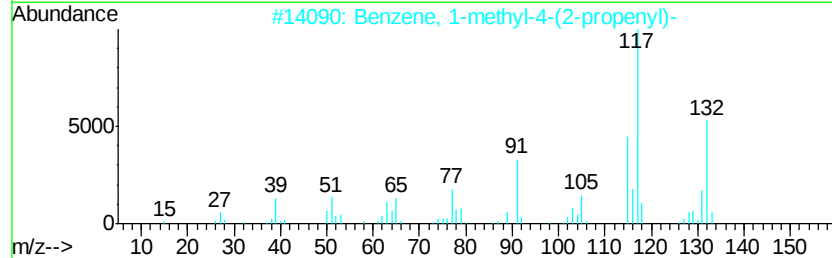
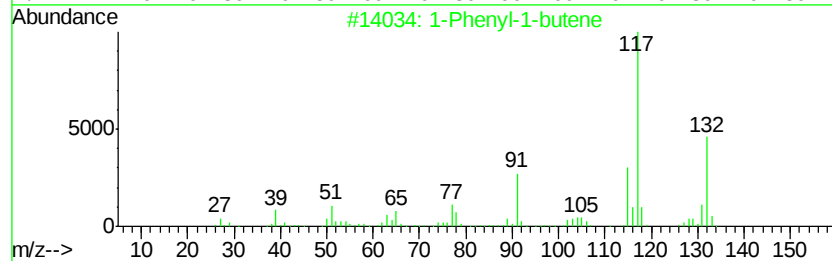
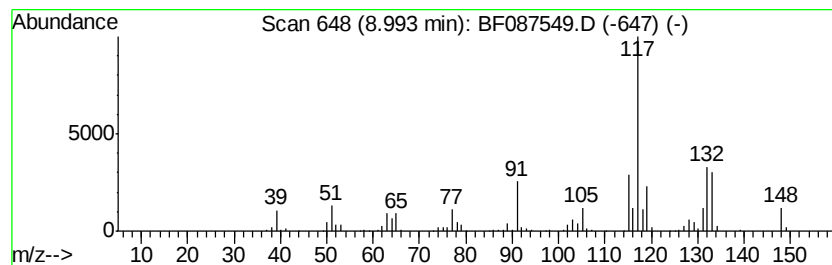
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1-Phenyl-1-butene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	10.98 ng	797785	Naphthalene-d8	9.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	91
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	89
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087549.D
Acq On : 30 May 2016 14:12
Operator : UM/SJ
Sample : H3317-03
Misc :
ALS Vial : 69 Sample Multiplier: 1

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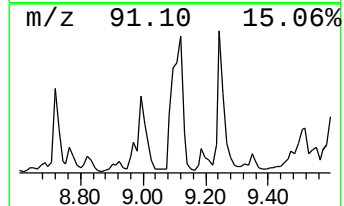
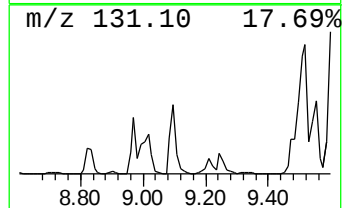
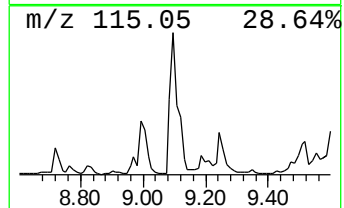
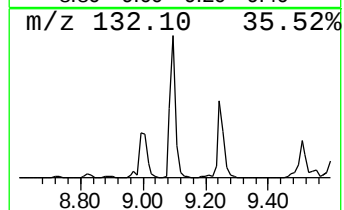
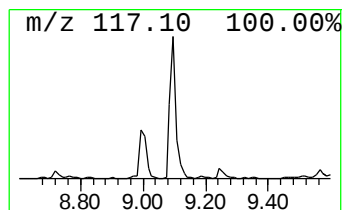
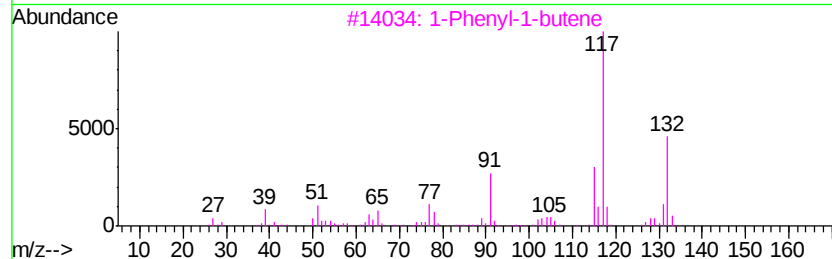
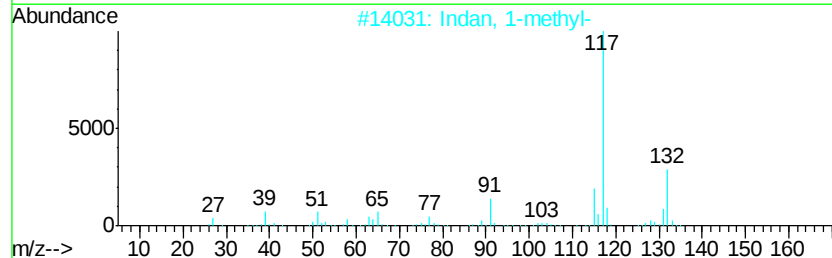
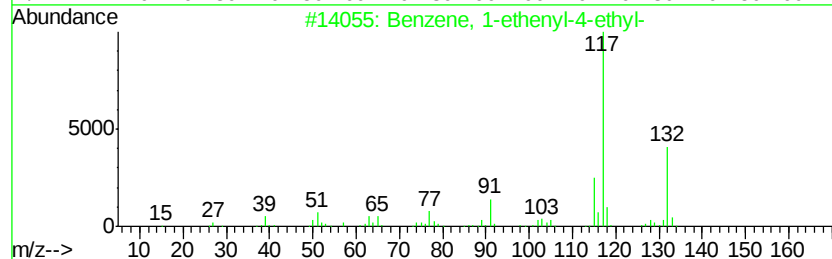
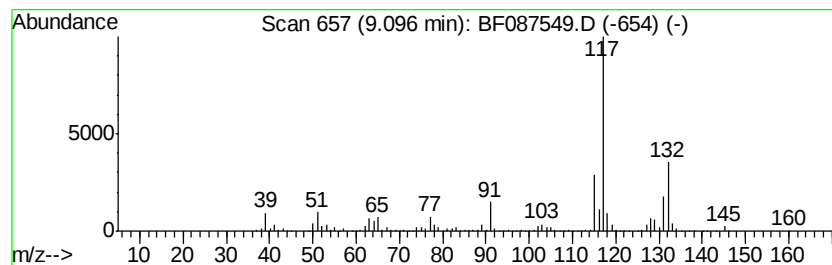
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	38.09 ng	2767390	Napthalene-d8	9.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2		Indan, 1-methyl-	132	C10H12	000767-58-8	93
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	93
4		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087549.D
Acq On : 30 May 2016 14:12
Operator : UM/SJ
Sample : H3317-03
Misc :
ALS Vial : 69 Sample Multiplier: 1

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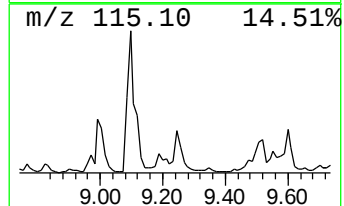
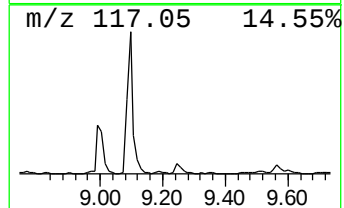
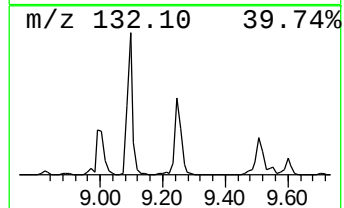
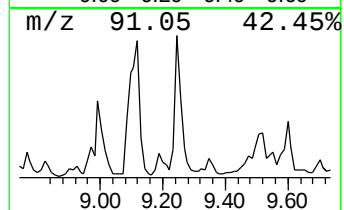
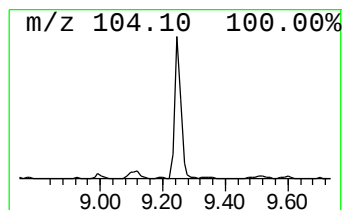
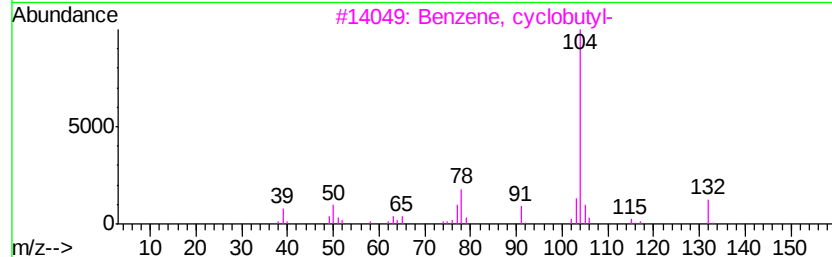
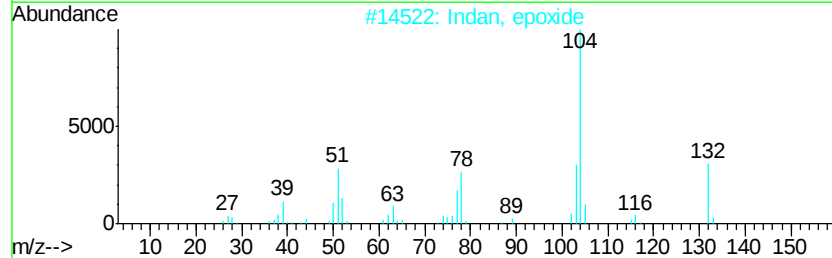
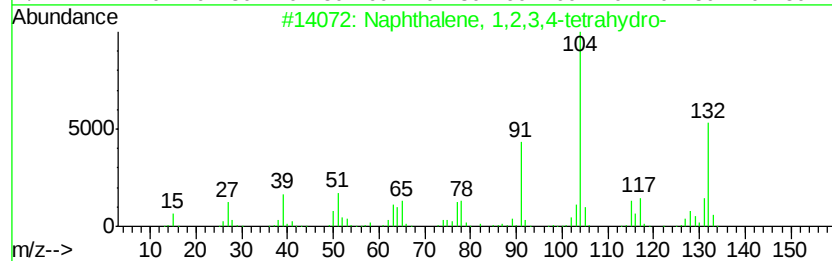
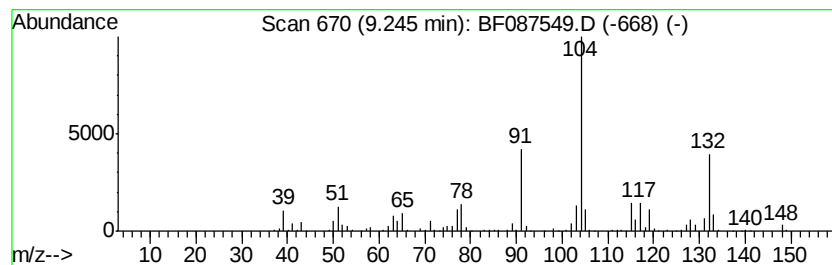
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	13.64 ng	990604	Naphthalene-d8	9.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
2			Indan, epoxide	132	C9H8O	000768-22-9	62
3			Benzene, cyclobutyl-	132	C10H12	004392-30-7	59
4			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
5			1,3-Propanediamine, 2-phenyl-	150	C9H14N2	055165-09-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087549.D
Acq On : 30 May 2016 14:12
Operator : UM/SJ
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ALS Vial : 69 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-08

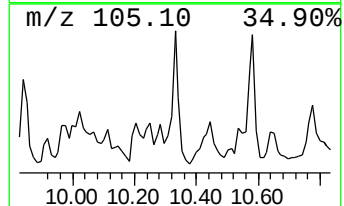
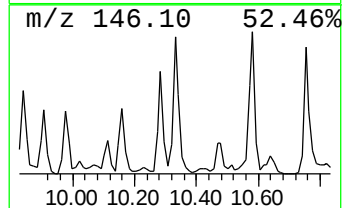
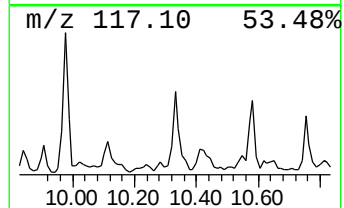
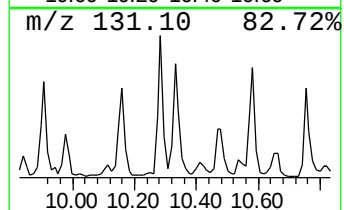
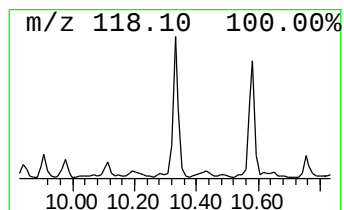
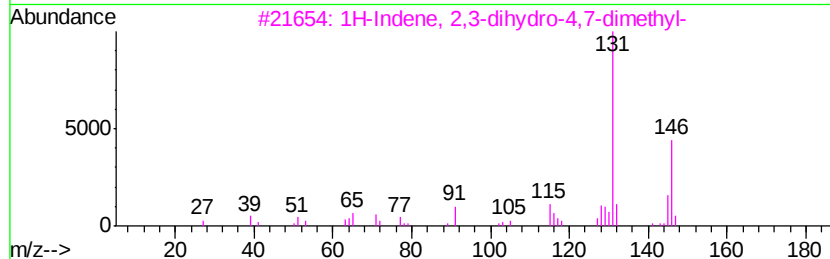
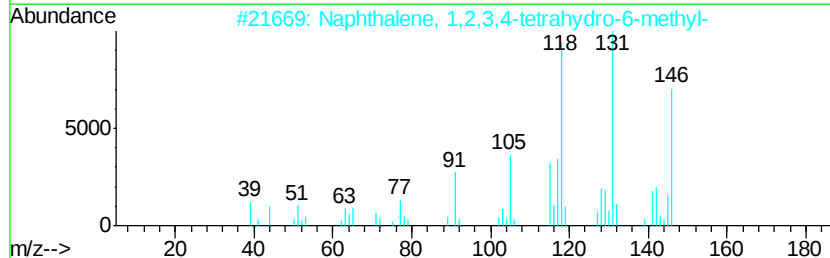
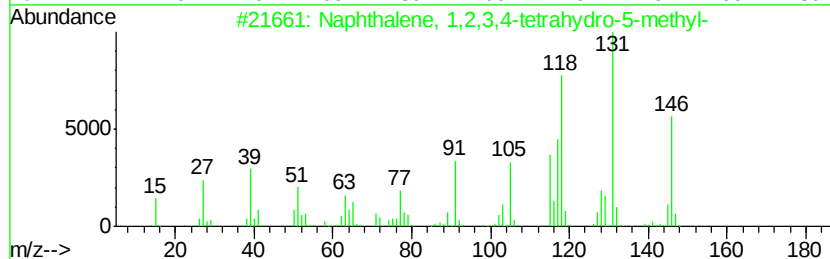
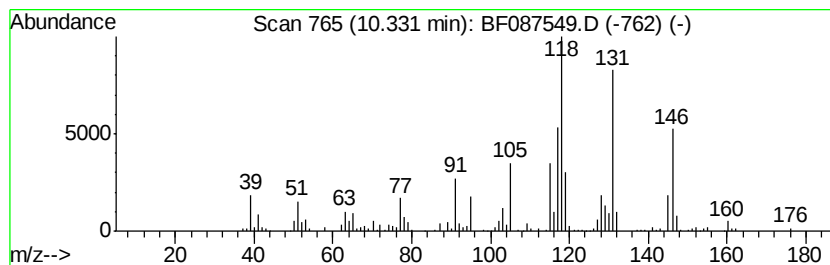
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	15.72 ng	1142260	Naphthalene-d8	9.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
5		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087549.D
Acq On : 30 May 2016 14:12
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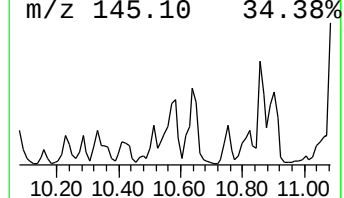
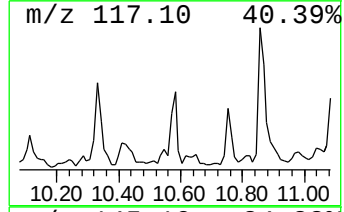
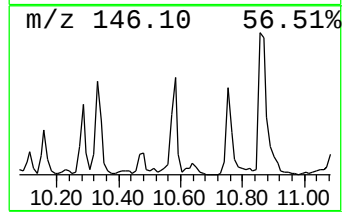
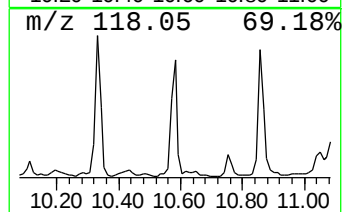
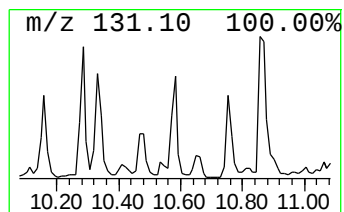
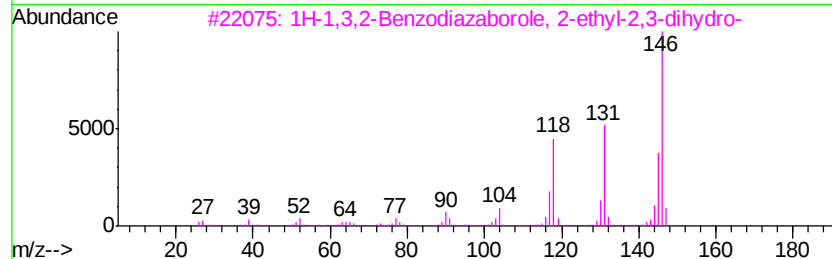
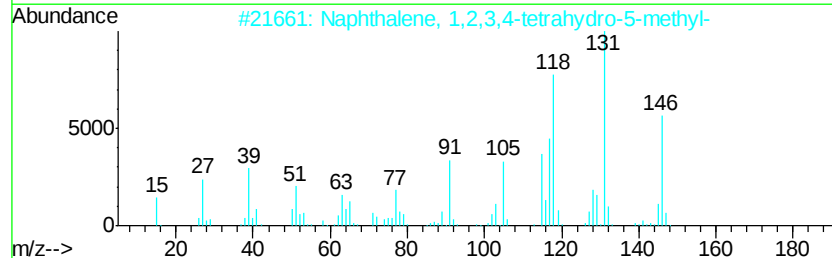
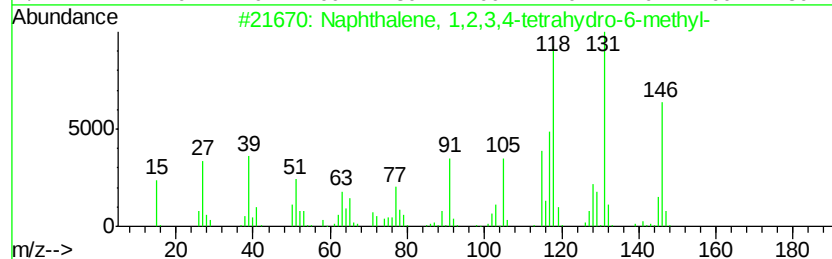
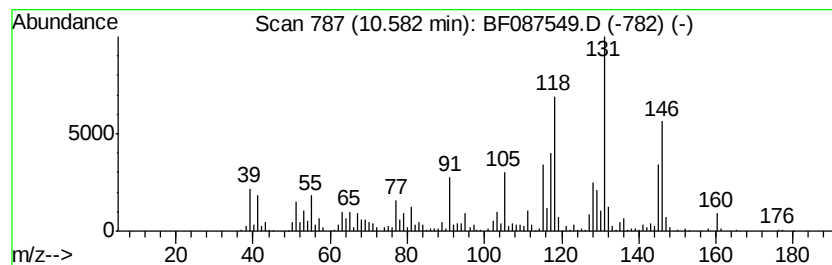
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	13.32 ng	967428	Naphthalene-d8	9.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	81
4		2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	60
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087549.D
Acq On : 30 May 2016 14:12
Operator : UM/SJ
Sample : H3317-03
Misc :
ALS Vial : 69 Sample Multiplier: 1

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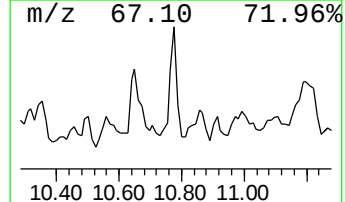
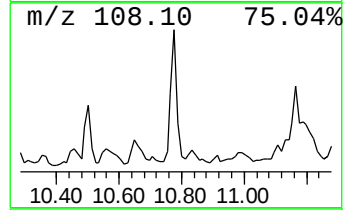
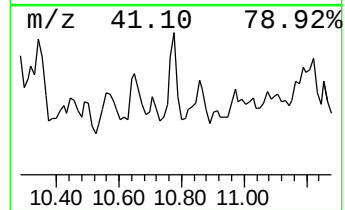
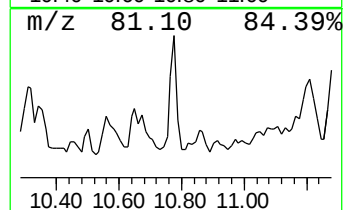
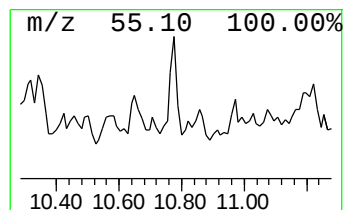
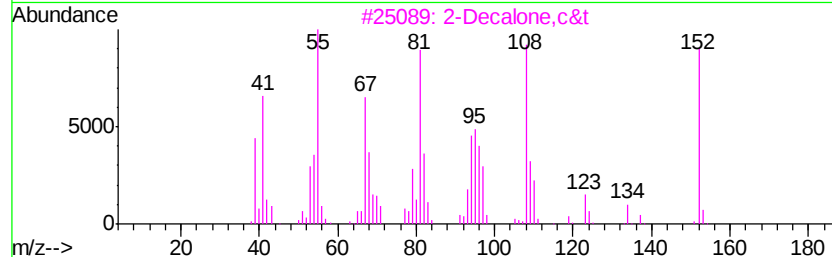
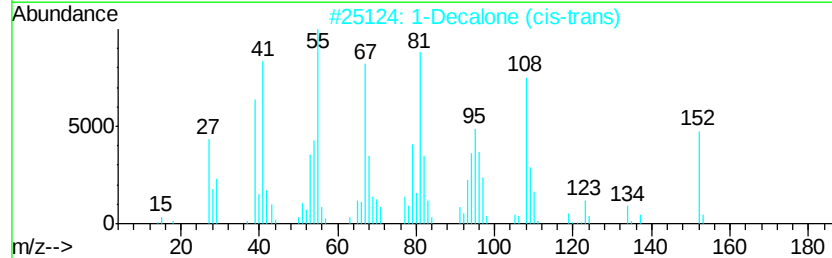
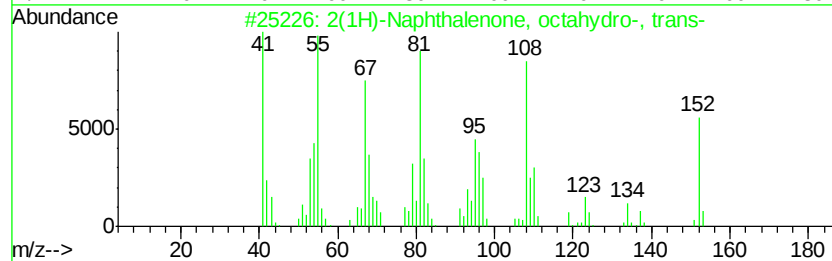
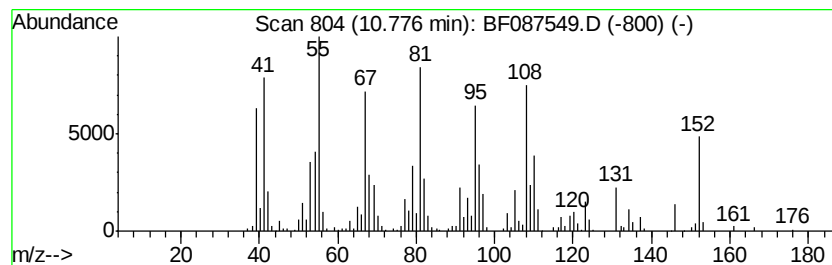
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 2(1H)-Naphthalenone, octahydro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	10.54 ng	765654	Naphthalene-d8	9.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	94
2			1-Decalone (cis-trans)	152	C10H16O	004832-16-0	93
3			2-Decalone, c&t	152	C10H16O	004832-17-1	90
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	78
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	60



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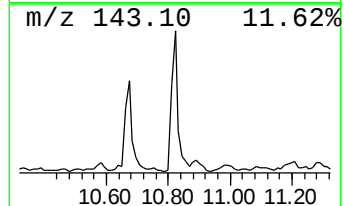
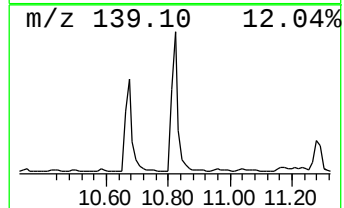
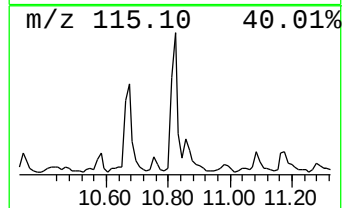
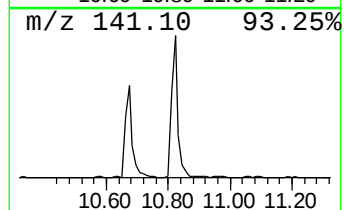
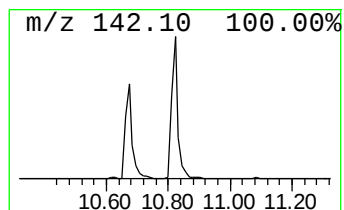
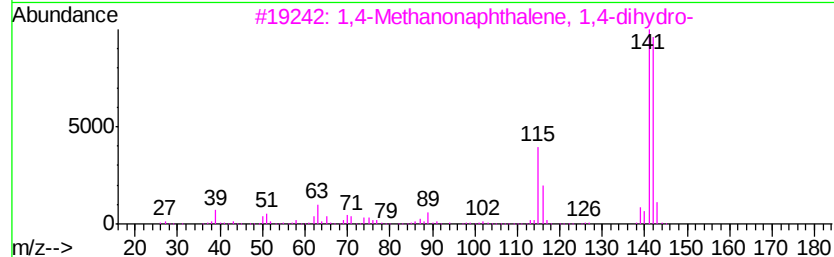
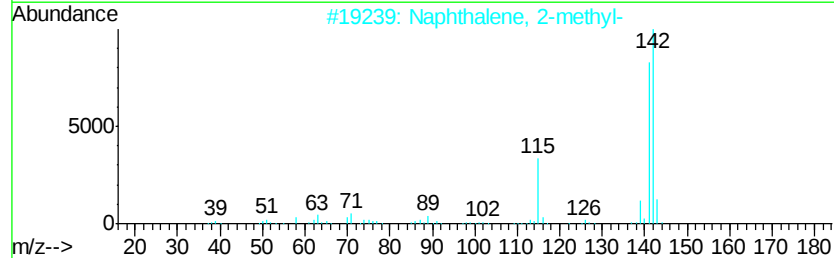
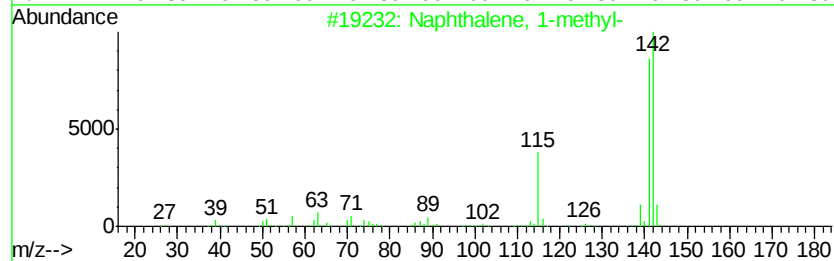
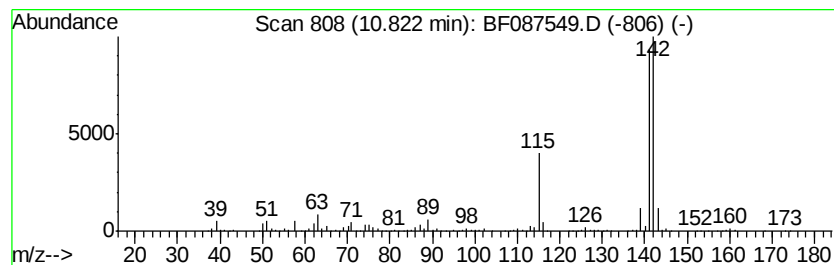
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	18.86 ng	1370380	Naphthalene-d8	9.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihydro-	142	C11H10	004453-90-1	94
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-pentadiene	142	C11H10	002443-46-1	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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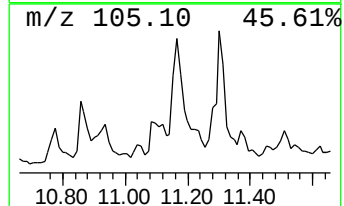
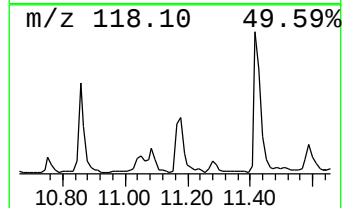
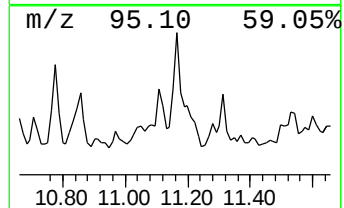
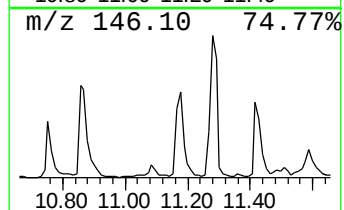
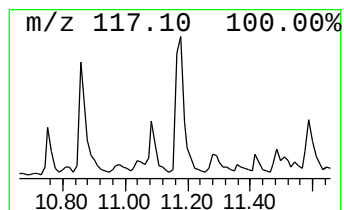
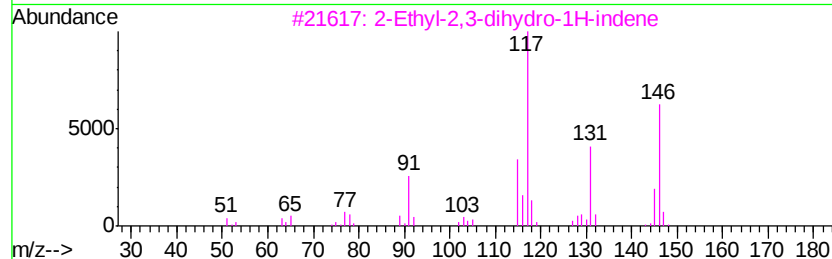
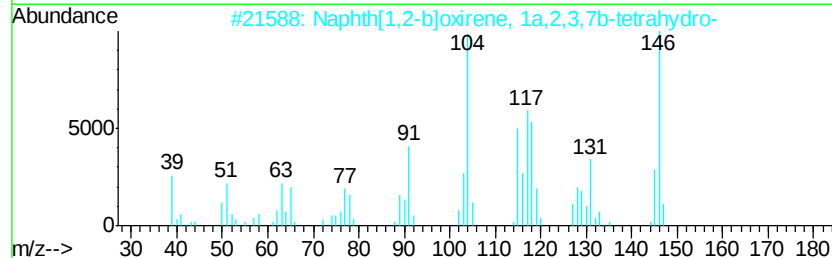
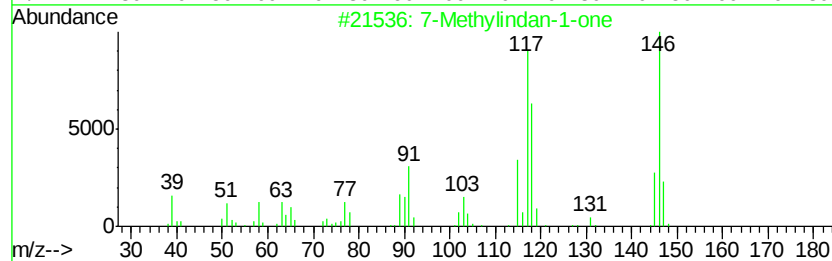
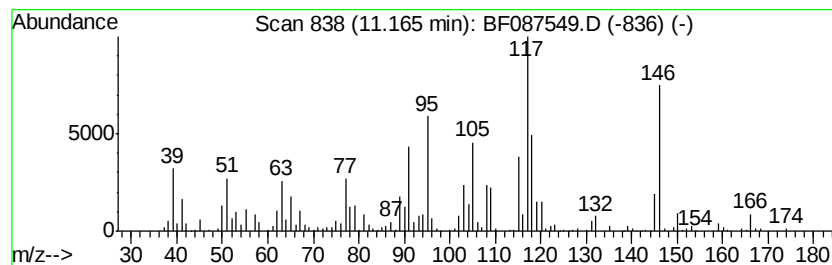
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 7-Methylindan-1-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	17.01 ng	1162000	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Methylindan-1-one	146	C10H10O	039627-61-7	83
2		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	46
3		2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	43
4		Indane	118	C9H10	000496-11-7	42
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	38



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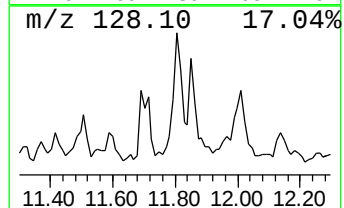
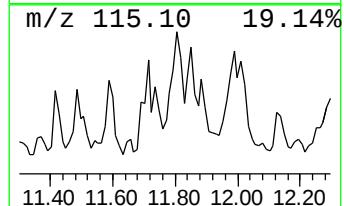
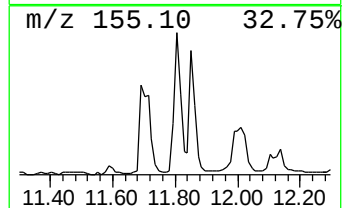
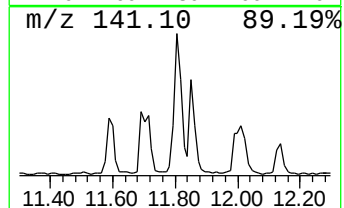
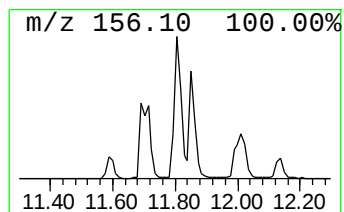
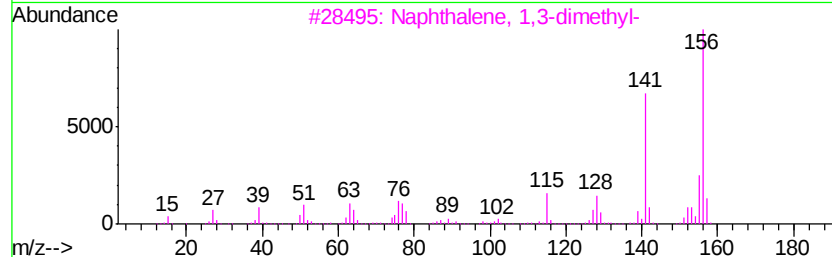
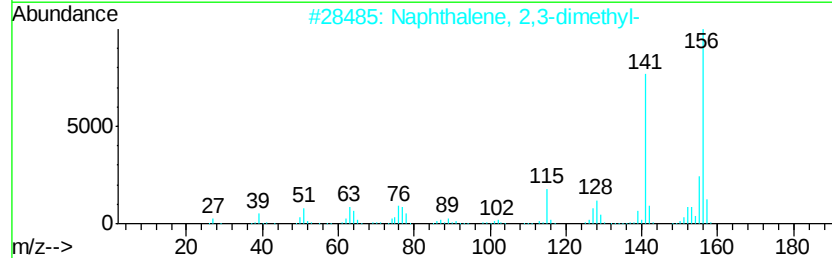
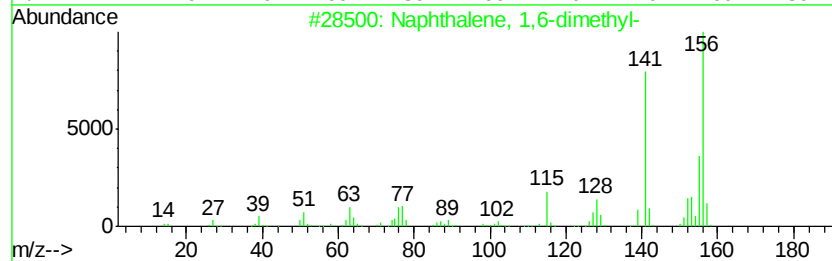
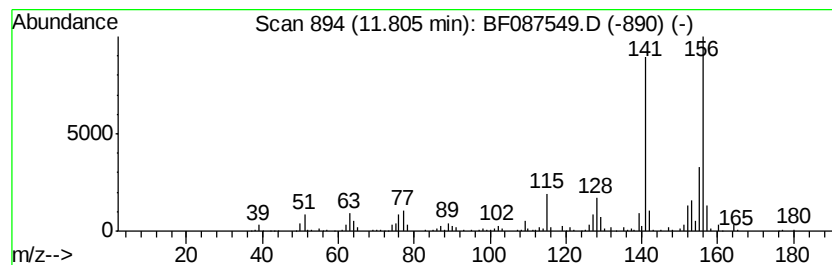
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	14.35 ng	980099	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087549.D
Acq On : 30 May 2016 14:12
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ClientSampleId :
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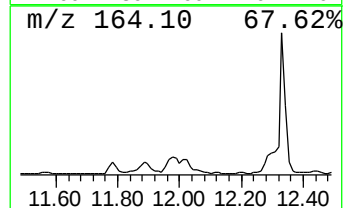
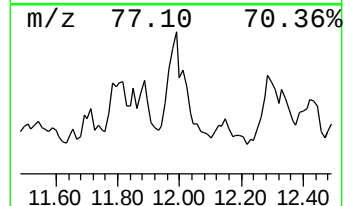
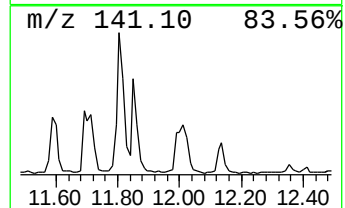
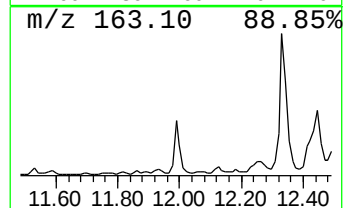
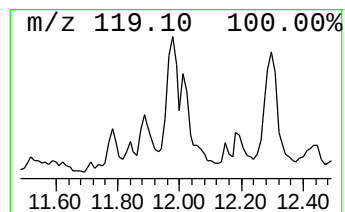
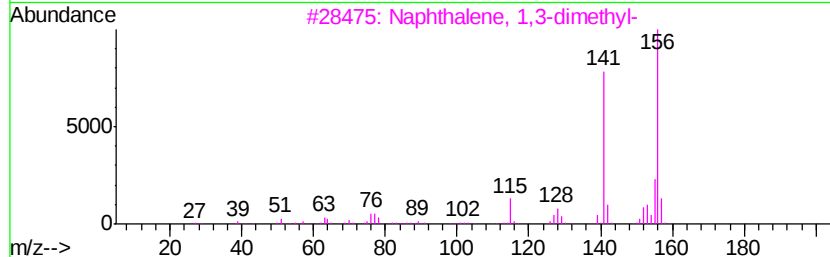
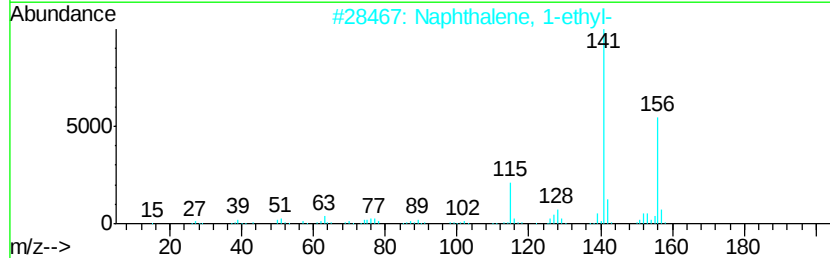
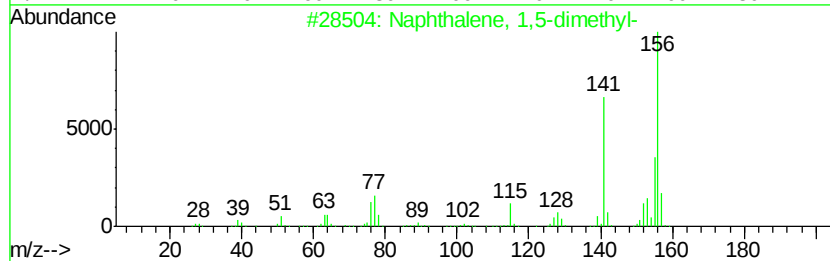
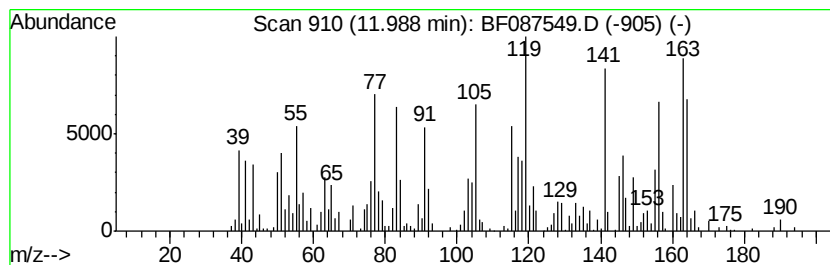
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 1,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	28.85 ng	1970740	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	62
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	56
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	41
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	40
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	35



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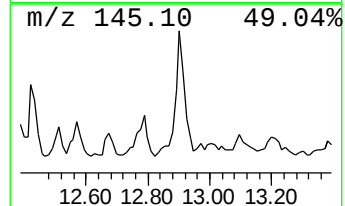
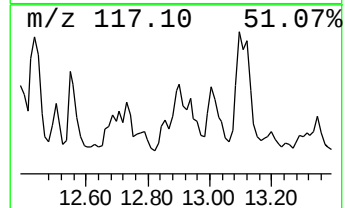
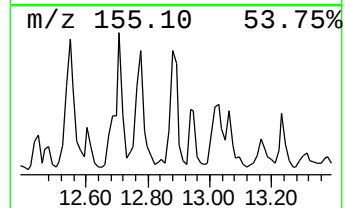
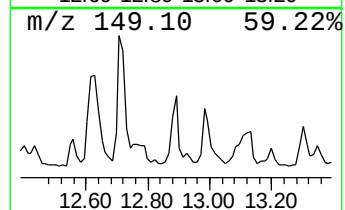
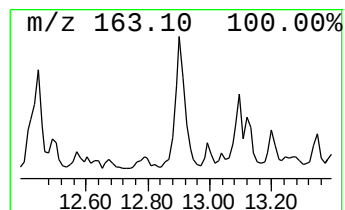
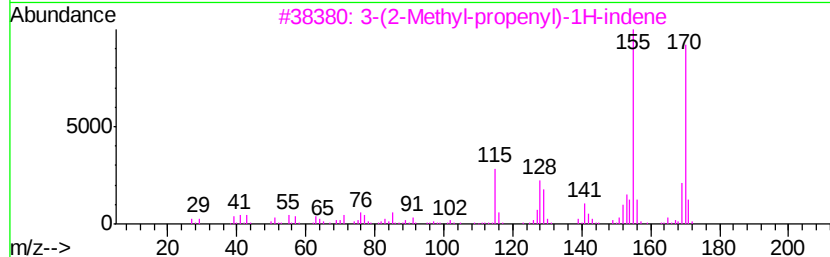
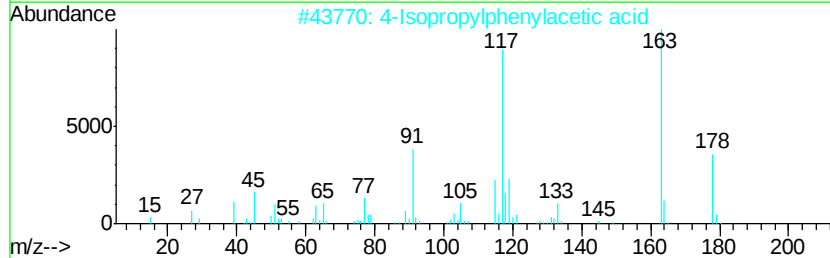
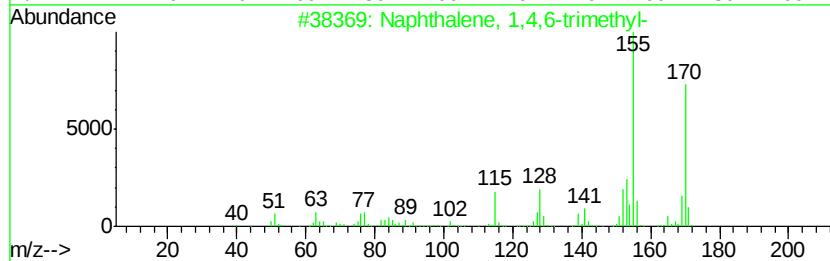
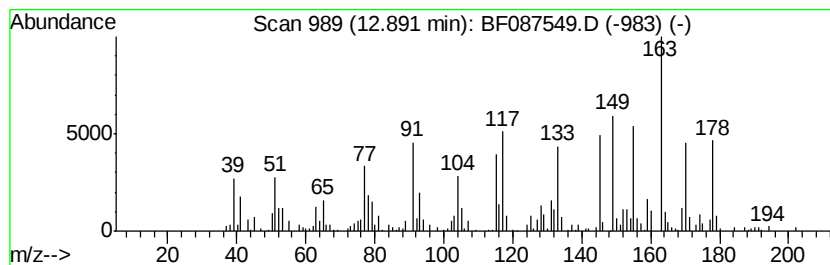
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TIC Library : C:\Database\NIST11.L
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Peak Number 18 unknown12.89 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	12.38 ng	845755	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	44
2		4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	30
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	25
4		Benzene, 1,4-bis(1-hydroxy-2-pro...	194	C12H18O2	1000161-06-4	25
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	25



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ALS Vial : 69 Sample Multiplier: 1

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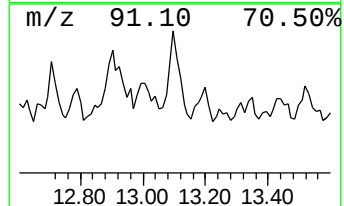
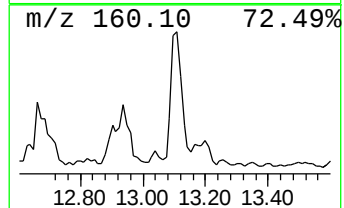
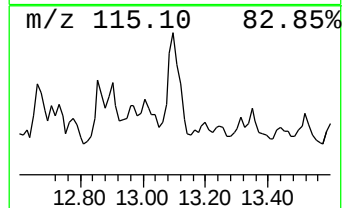
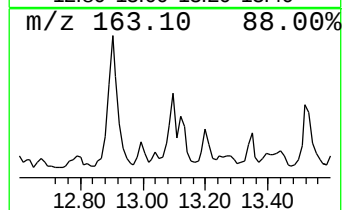
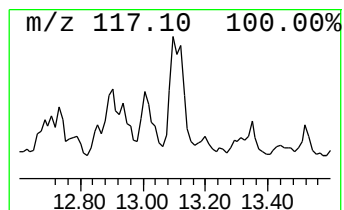
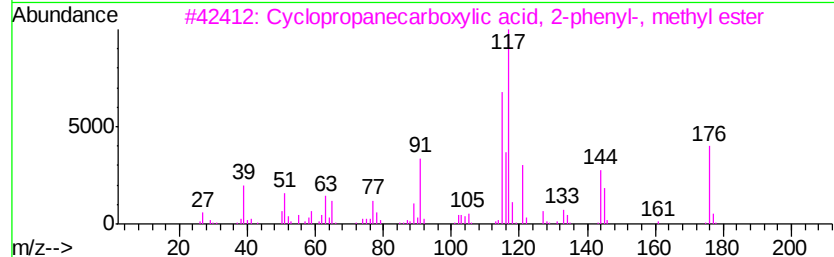
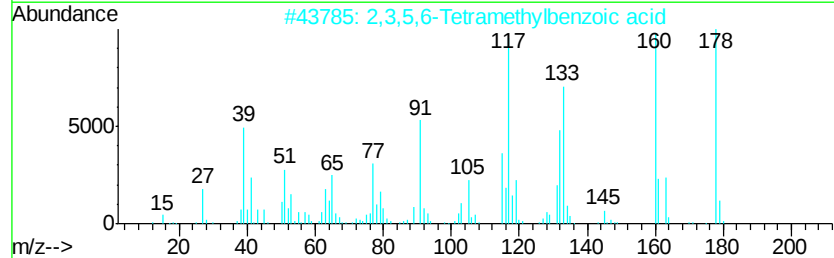
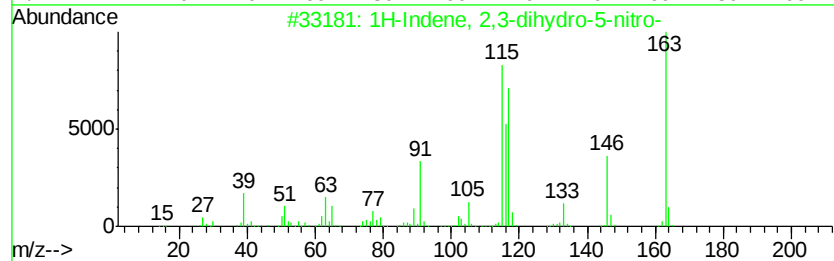
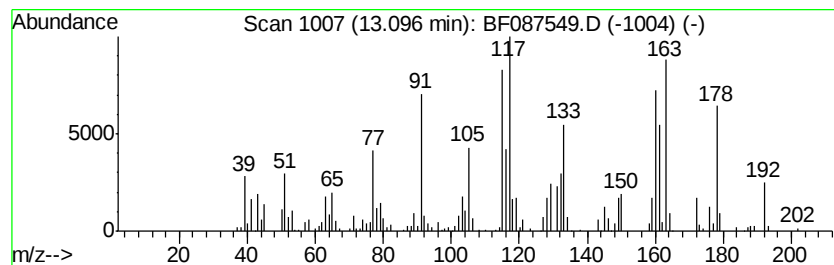
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown13.10 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	10.65 ng	727843	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-nitro-	163	C9H9NO2	007436-07-9	43
2		2,3,5,6-Tetramethylbenzoic acid	178	C11H14O2	002604-45-7	41
3		Cyclopropanecarboxylic acid, 2-p...	176	C11H12O2	020030-70-0	38
4		Propenoic acid, 3-(cycloheptatri...	176	C11H12O2	1000269-64-5	30
5		Methyl trans-2-phenyl-1-cyclopro...	176	C11H12O2	005861-31-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087549.D
Acq On : 30 May 2016 14:12
Operator : UM/SJ
Sample : H3317-03
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-08

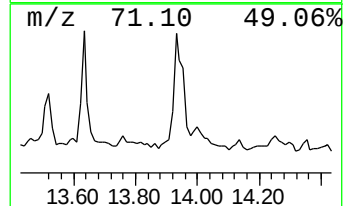
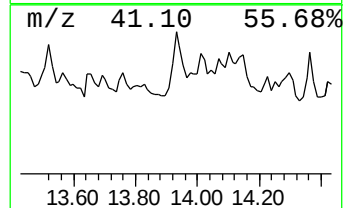
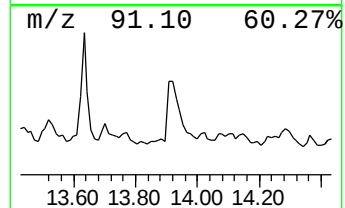
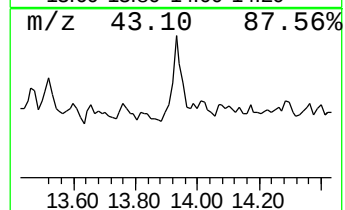
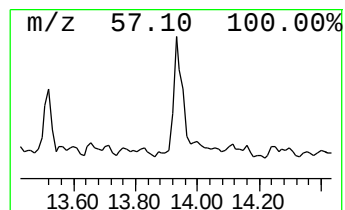
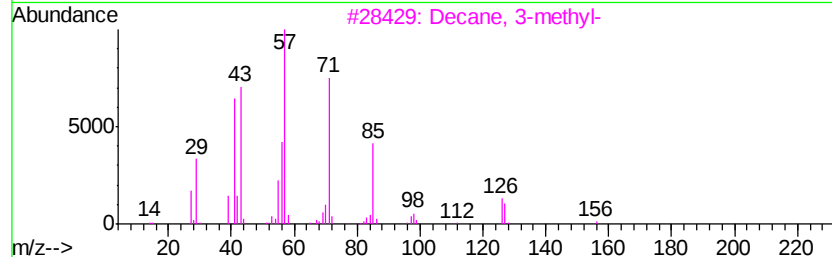
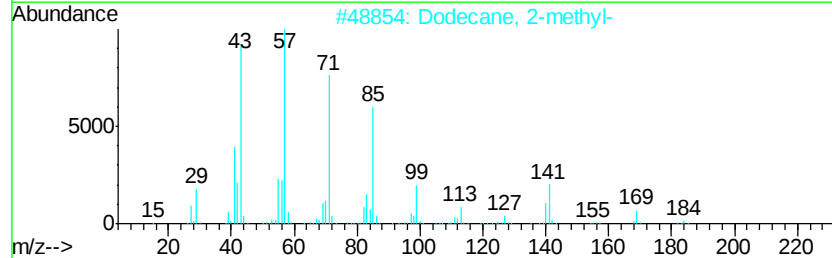
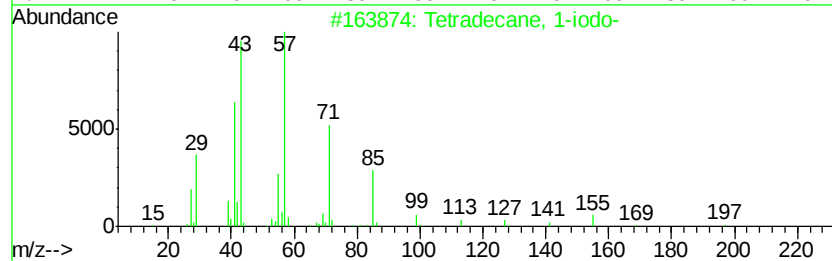
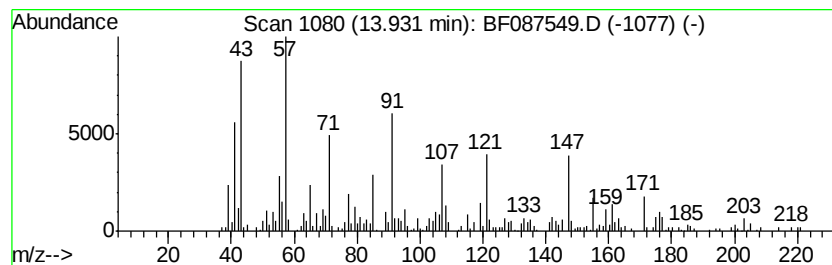
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown13.93 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	11.30 ng	499385	Phenanthrene-d10	14.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	22
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	18
3			Decane, 3-methyl-	156	C11H24	013151-34-3	18
4			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	18
5			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087549.D
 Acq On : 30 May 2016 14:12
 Operator : UM/SJ
 Sample : H3317-03
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.13	7.13	99.0	ng	3640700	1	7.47	735704	20.0
Benzene, 1,2-diet...	7.90	10.1	ng	372309	1	7.47	735704	20.0
Benzene, 2-butenyl-	8.32	13.2	ng	484126	1	7.47	735704	20.0
o-Cymene	8.34	40.9	ng	1505220	1	7.47	735704	20.0
Benzene, 1,2,4,5-...	8.72	10.4	ng	754968	2	9.51	1452920	20.0
1-Phenyl-1-butene	8.99	11.0	ng	797785	2	9.51	1452920	20.0
Benzene, 1-etheny...	9.10	38.1	ng	2767390	2	9.51	1452920	20.0
Naphthalene, 1,2,...	9.24	13.6	ng	990604	2	9.51	1452920	20.0
Naphthalene, 1,2,...	10.33	15.7	ng	1142260	2	9.51	1452920	20.0
Naphthalene, 1,2,...	10.58	13.3	ng	967428	2	9.51	1452920	20.0
2(1H)-Naphthaleno...	10.78	10.5	ng	765654	2	9.51	1452920	20.0
Naphthalene, 1-me...	10.82	18.9	ng	1370380	2	9.51	1452920	20.0
7-Methylindan-1-one	11.16	17.0	ng	1162000	3	12.33	1366380	20.0
Naphthalene, 1,6-...	11.80	14.4	ng	980099	3	12.33	1366380	20.0
Naphthalene, 1,5-...	11.99	28.9	ng	1970740	3	12.33	1366380	20.0
unknown12.89	12.89	12.4	ng	845755	3	12.33	1366380	20.0
unknown13.10	13.10	10.7	ng	727843	3	12.33	1366380	20.0
unknown13.93	13.93	11.3	ng	499385	4	14.74	883490	20.0