

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085859.D
 Acq On : 29 Mar 2016 20:04
 Operator : UM/SJ
 Sample : H1979-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC1

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-BF032416.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	2.733	31	39	42	rBV2	18738	54227	1.48%	0.109%
2	3.281	75	87	91	rBV2	23652	64619	1.77%	0.130%
3	3.441	94	101	104	rBV	20298	56131	1.54%	0.113%
4	3.533	106	109	114	rVB	18768	43880	1.20%	0.088%
5	3.681	114	122	127	rBV2	86635	240856	6.59%	0.483%
6	3.841	131	136	140	rVB	107706	214432	5.87%	0.430%
7	4.001	145	150	153	rBV2	53084	104541	2.86%	0.210%
8	4.173	161	165	167	rBV	18097	37704	1.03%	0.076%
9	4.356	174	181	186	rVV	175595	280697	7.68%	0.563%
10	4.481	188	192	196	rBV2	28716	50510	1.38%	0.101%
11	4.699	208	211	213	rBV	35487	44161	1.21%	0.089%
12	4.813	219	221	223	rVB	44398	56127	1.54%	0.113%
13	4.893	223	228	233	rBV2	117016	226247	6.19%	0.454%
14	5.007	236	238	243	rVB	60736	125407	3.43%	0.252%
15	5.179	251	253	254	rBV	86854	89683	2.46%	0.180%
16	5.224	254	257	258	rVB2	27322	46997	1.29%	0.094%
17	5.270	258	261	262	rBV2	168321	278178	7.62%	0.558%
18	5.293	262	263	266	rVB	194354	174072	4.77%	0.349%
19	5.373	266	270	271	rBV2	357780	576156	15.77%	1.156%
20	5.407	271	273	275	rVB	2557133	2856032	78.19%	5.731%
21	5.556	284	286	288	rBV	43360	64458	1.76%	0.129%
22	5.590	288	289	291	rVB	32603	40434	1.11%	0.081%
23	5.659	291	295	296	rBV2	42960	92678	2.54%	0.186%
24	5.693	296	298	301	rVB	239532	287267	7.86%	0.576%
25	5.807	305	308	310	rVB2	48327	84591	2.32%	0.170%
26	5.864	310	313	317	rBV	58999	118706	3.25%	0.238%
27	5.944	317	320	323	rBV2	121456	173511	4.75%	0.348%
28	6.001	323	325	327	rBV2	38171	62288	1.71%	0.125%
29	6.047	327	329	332	rBV2	109442	166101	4.55%	0.333%
30	6.093	332	333	335	rVB2	46400	43713	1.20%	0.088%
31	6.253	343	347	349	rBV2	249036	430340	11.78%	0.864%
32	6.299	349	351	352	rVV	201806	222291	6.09%	0.446%
33	6.333	352	354	355	rVV	237555	300988	8.24%	0.604%
34	6.356	355	356	358	rVV	509794	399101	10.93%	0.801%

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35	6.402	358	360	361 rVV2	510578	598028	16.37%	1.200%
36	6.447	361	364	366 rVV	2482810	2930284	80.22%	5.880%
37	6.482	366	367	370 rVV2	105248	150893	4.13%	0.303%
38	6.573	373	375	378 rVV	2888809	2936049	80.38%	5.892%
39	6.630	378	380	383 rVV	1981969	1923537	52.66%	3.860%
40	6.744	387	390	393 rVV2	83158	190751	5.22%	0.383%
41	6.802	393	395	399 rVV	807146	902099	24.70%	1.810%
42	6.859	399	400	404 rVV2	332233	376041	10.30%	0.755%
43	6.927	404	406	407 rVV	64024	86033	2.36%	0.173%
44	6.962	407	409	410 rVV	2691154	2525552	69.14%	5.068%
45	6.984	410	411	413 rVV	298972	235055	6.44%	0.472%
46	7.053	415	417	418 rVV	255756	259770	7.11%	0.521%
47	7.087	418	420	421 rVV	222274	260972	7.14%	0.524%
48	7.122	421	423	428 rVV2	664009	1019163	27.90%	2.045%
49	7.202	428	430	432 rVV	204512	241676	6.62%	0.485%
50	7.270	434	436	437 rVV	388364	370731	10.15%	0.744%
51	7.339	440	442	443 rVV	501743	693538	18.99%	1.392%
52	7.373	443	445	447 rVV	2121636	2192044	60.01%	4.399%
53	7.407	447	448	450 rVV	206890	165294	4.53%	0.332%
54	7.453	450	452	454 rVV2	120918	167735	4.59%	0.337%
55	7.487	454	455	457 rVV2	113055	162456	4.45%	0.326%
56	7.522	457	458	460 rVV	74867	72507	1.99%	0.145%
57	7.579	460	463	464 rVV	461864	470988	12.89%	0.945%
58	7.602	464	465	467 rVV	536847	516326	14.14%	1.036%
59	7.716	471	475	476 rVV2	153929	283196	7.75%	0.568%
60	7.762	476	479	482 rVV3	396345	655867	17.96%	1.316%
61	7.830	482	485	487 rVV	629410	965714	26.44%	1.938%
62	7.865	487	488	489 rVV	221208	176683	4.84%	0.355%
63	7.910	489	492	495 rVV3	149988	345150	9.45%	0.693%
64	7.956	495	496	498 rVV	105714	142351	3.90%	0.286%
65	8.093	498	508	511 rVV3	955730	2381247	65.19%	4.778%
66	8.139	511	512	514 rVV2	178225	199794	5.47%	0.401%
67	8.185	514	516	517 rVV	105737	118285	3.24%	0.237%
68	8.265	520	523	524 rVV2	65883	111733	3.06%	0.224%
69	8.367	527	532	537 rVV6	145407	381734	10.45%	0.766%
70	8.436	537	538	540 rVV2	53631	78797	2.16%	0.158%
71	8.470	540	541	543 rVV2	165884	203812	5.58%	0.409%

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72	8.516	543	545	547	rVV3	68735	123451	3.38%	0.248%
73	8.562	547	549	550	rVV	88863	118068	3.23%	0.237%
74	8.596	550	552	555	rVV3	83345	144439	3.95%	0.290%
75	8.653	555	557	558	rVV2	52199	59243	1.62%	0.119%
76	8.687	558	560	561	rVV2	210947	238368	6.53%	0.478%
77	8.722	561	563	567	rVV3	44231	110829	3.03%	0.222%
78	8.802	568	570	572	rVB	824970	703365	19.26%	1.411%
79	8.905	576	579	581	rBV	331429	365557	10.01%	0.734%
80	8.996	583	587	588	rBV4	26625	46000	1.26%	0.092%
81	9.168	599	602	605	rBV	3247102	3259366	89.23%	6.540%
82	9.248	607	609	613	rBV2	94828	105381	2.89%	0.211%
83	9.362	617	619	622	rVB	43692	47673	1.31%	0.096%
84	9.430	622	625	628	rBV	68737	93954	2.57%	0.189%
85	9.499	629	631	633	rBV	79371	106148	2.91%	0.213%
86	9.568	635	637	638	rBV	453200	434475	11.89%	0.872%
87	9.773	654	655	658	rVB	78538	92249	2.53%	0.185%
88	9.842	659	661	664	rVB	1162625	1033733	28.30%	2.074%
89	10.276	697	699	701	rVB	159525	128261	3.51%	0.257%
90	10.493	716	718	722	rBV	45602	78162	2.14%	0.157%
91	10.631	727	730	733	rBV2	1700613	2209171	60.48%	4.433%
92	10.745	739	740	747	rVB	124875	188262	5.15%	0.378%
93	11.191	778	779	781	rBV	39985	57551	1.58%	0.115%
94	11.328	789	791	793	rBV	1307156	1109243	30.37%	2.226%
95	11.853	836	837	842	rBV2	28329	36614	1.00%	0.073%
96	12.916	927	930	932	rBV	3679045	3652647	100.00%	7.330%
97	13.808	1005	1008	1015	rBV	51097	94323	2.58%	0.189%
98	13.957	1019	1021	1024	rVV	705054	908140	24.86%	1.822%
99	15.374	1143	1145	1153	rBV	500558	689996	18.89%	1.385%

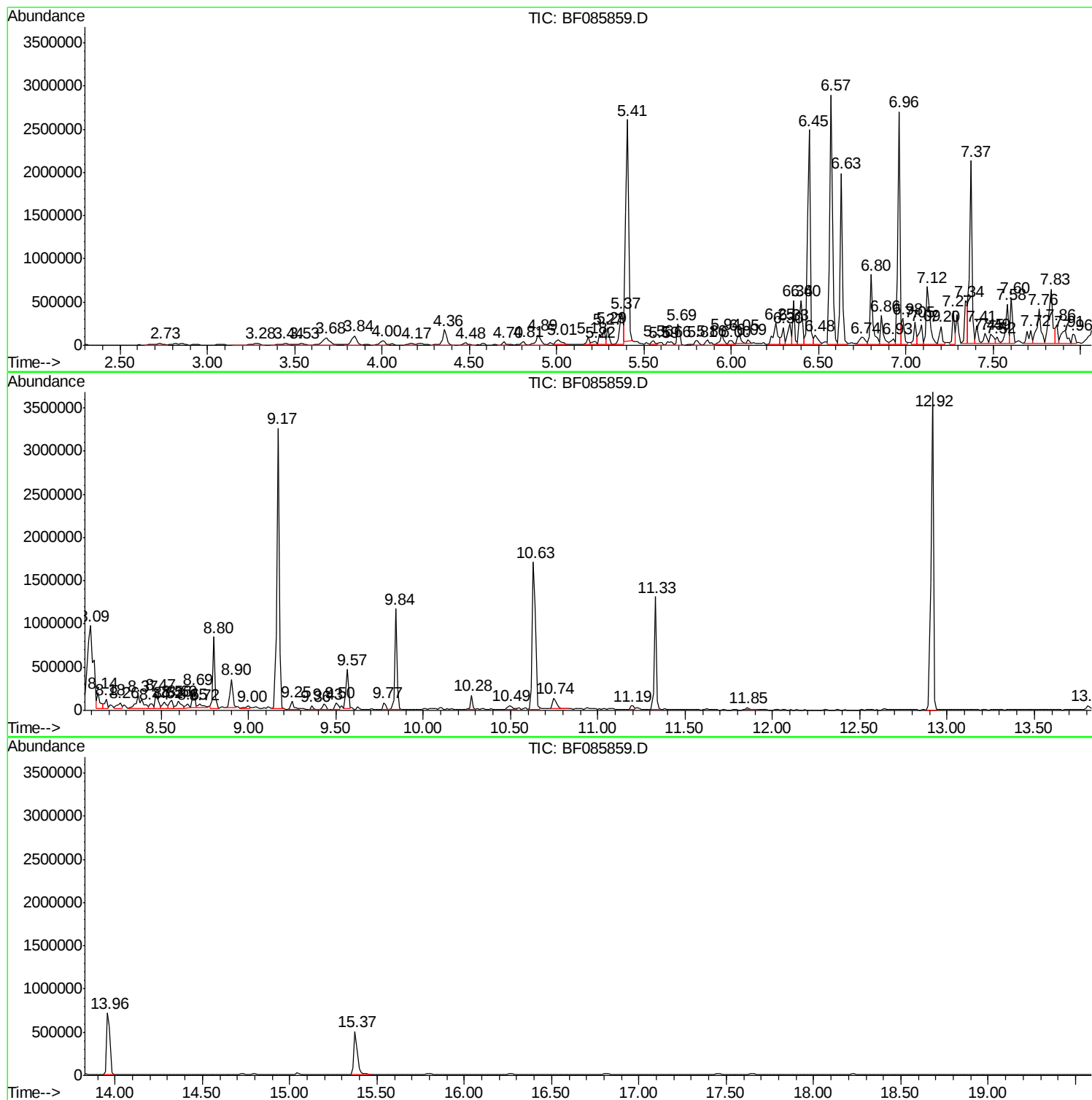
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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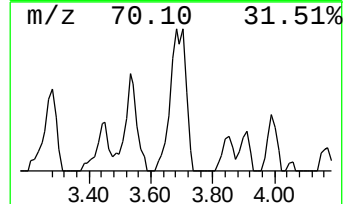
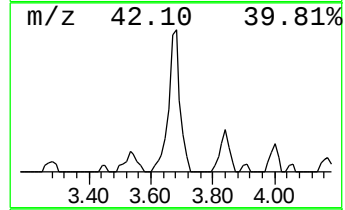
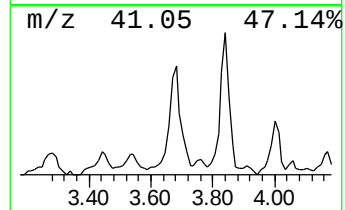
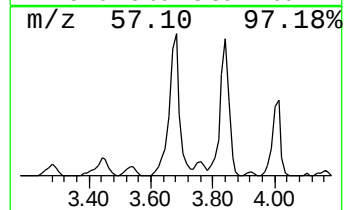
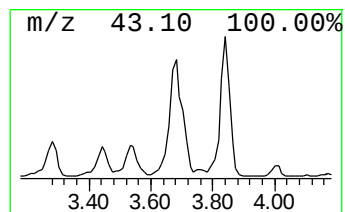
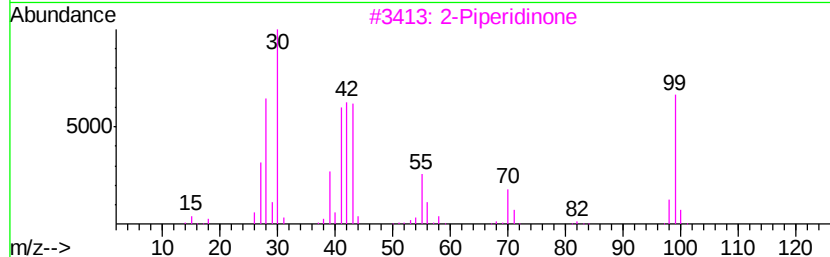
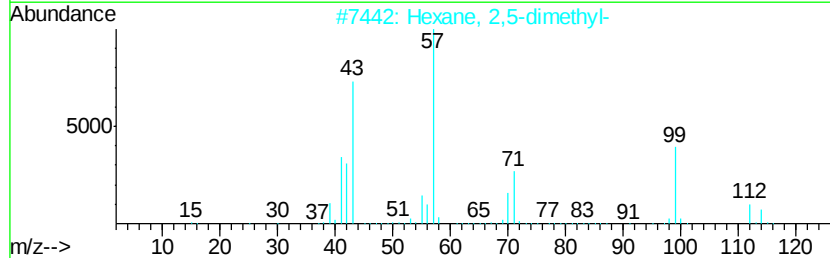
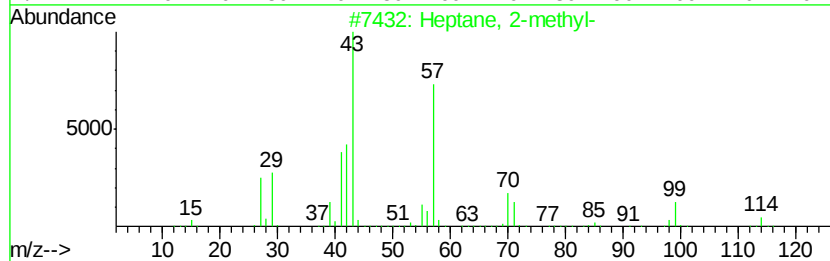
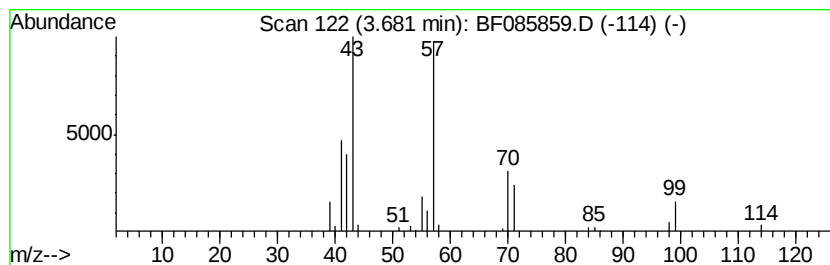
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.68	5.34 ng	240856	1,4-Dichlorobenzene-d4	6.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
3	2-Piperidinone	99	C5H9NO	000675-20-7	43
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	38
5	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	38



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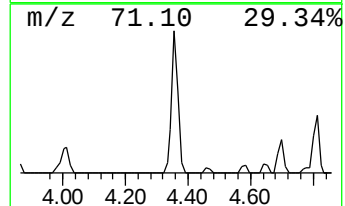
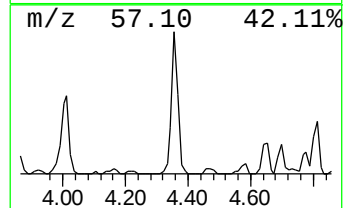
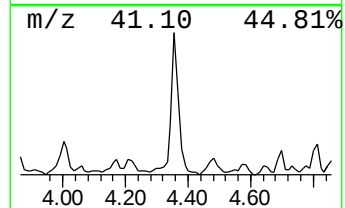
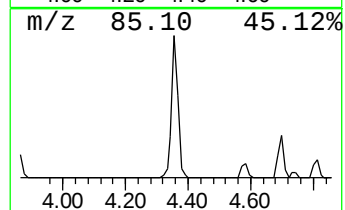
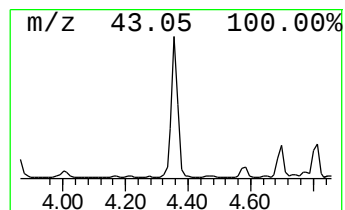
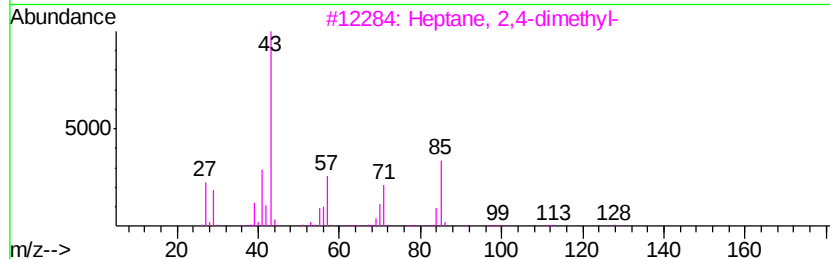
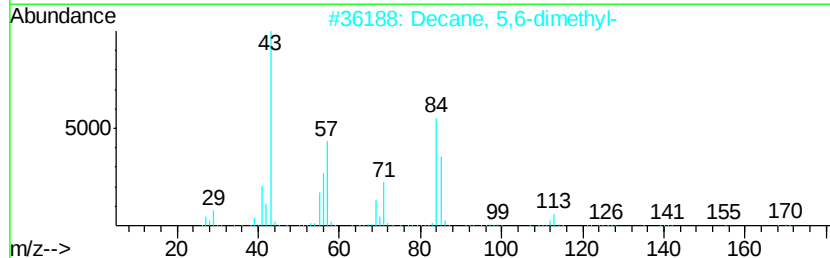
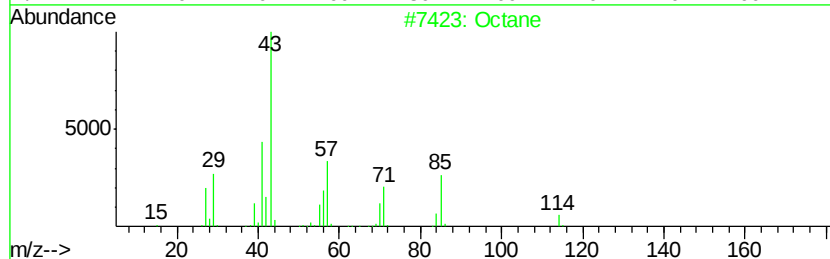
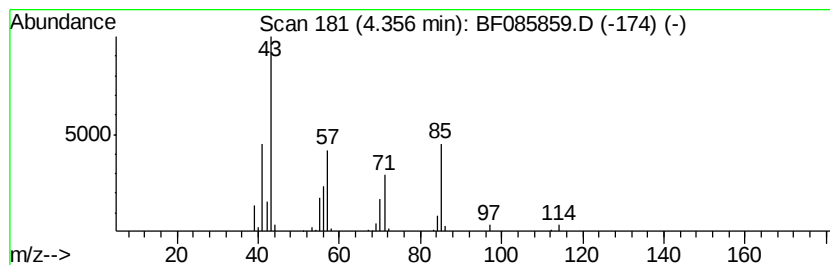
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.36	6.22 ng	280697	1,4-Dichlorobenzene-d4	6.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane		114	C8H18	000111-65-9	91
2	Decane, 5,6-dimethyl-		170	C12H26	001636-43-7	72
3	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	64
4	Hexane, 3-ethyl-		114	C8H18	000619-99-8	64
5	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	64



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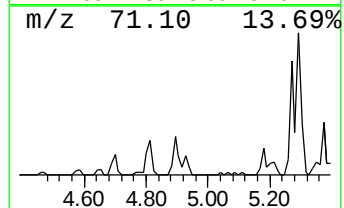
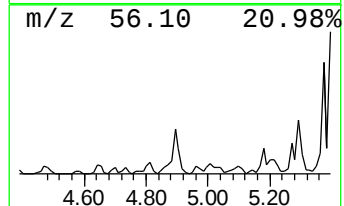
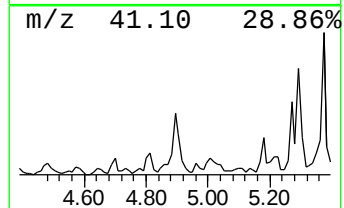
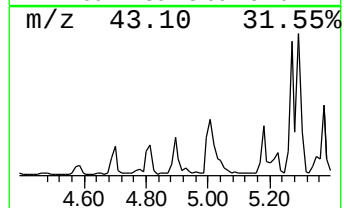
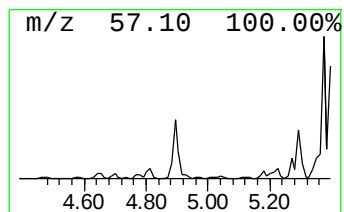
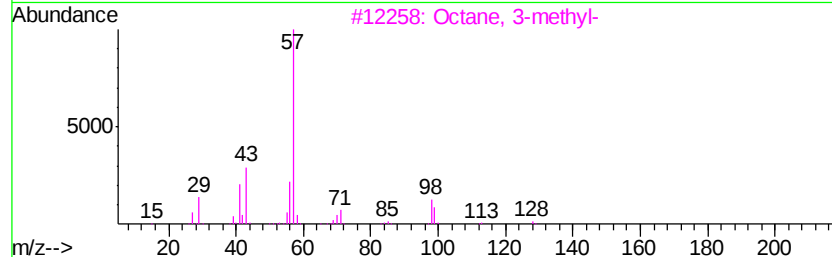
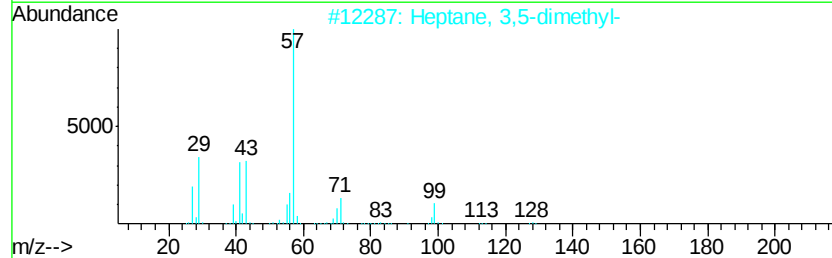
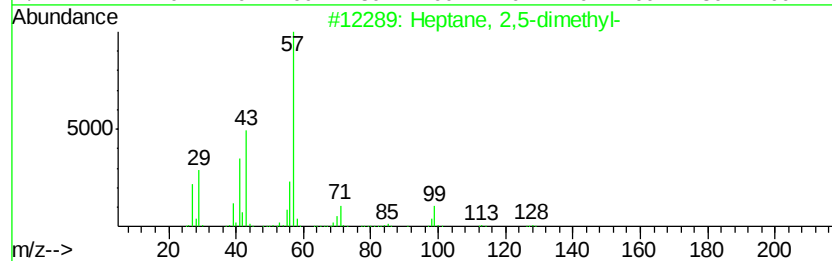
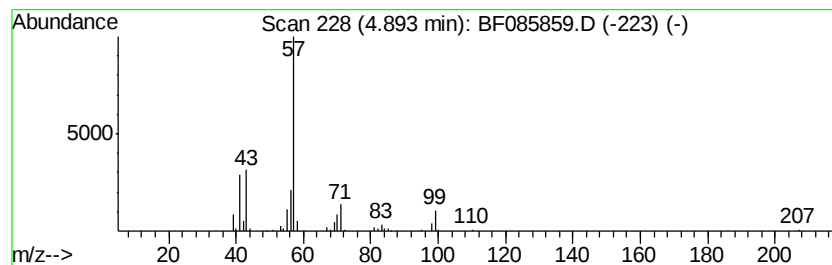
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptane, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	5.02 ng	226247	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
2		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	83
3		Octane, 3-methyl-	128	C9H20	002216-33-3	72
4		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	64
5		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	59



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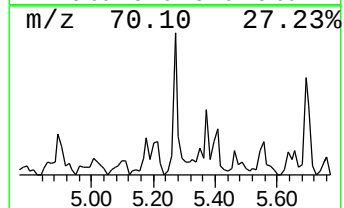
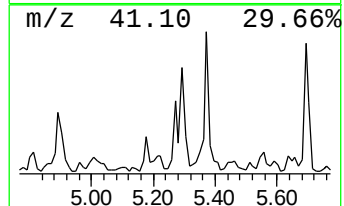
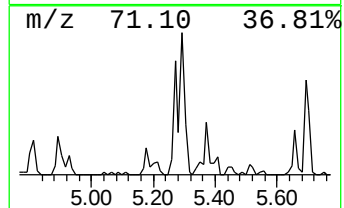
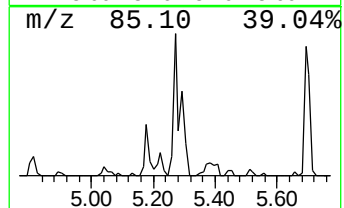
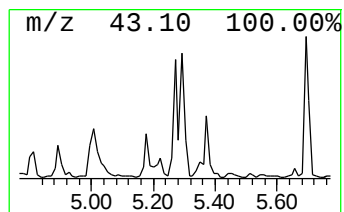
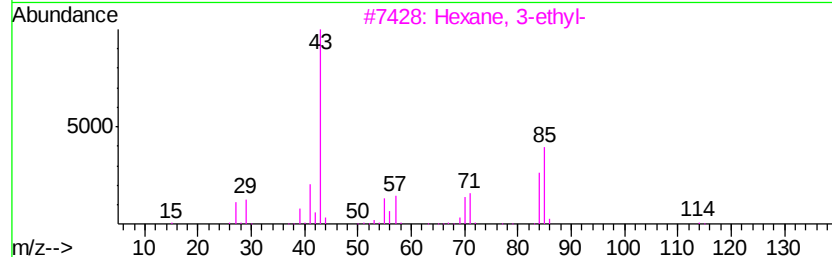
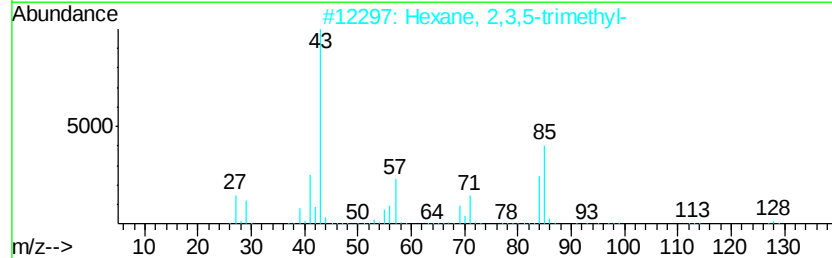
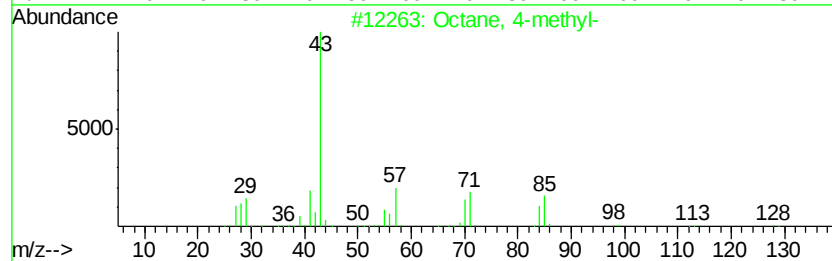
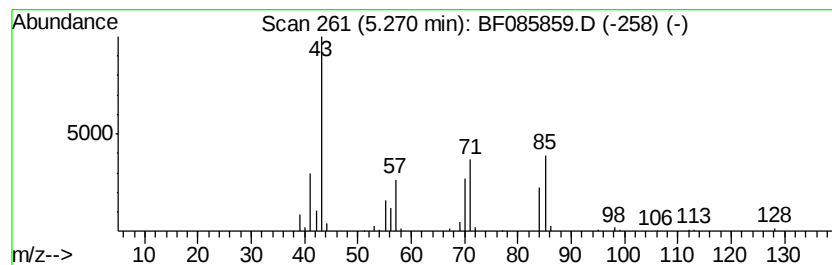
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octane, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	6.17 ng	278178	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-methyl-	128	C9H20	002216-34-4	91
2		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	74
3		Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
4		Dodecane, 5-methyl-	184	C13H28	017453-93-9	72
5		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085859.D
Acq On : 29 Mar 2016 20:04
Operator : UM/SJ
Sample : H1979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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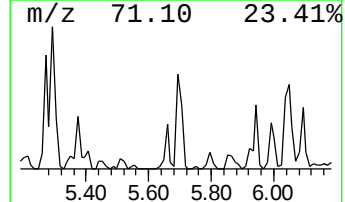
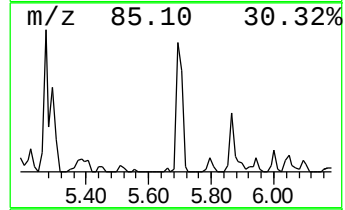
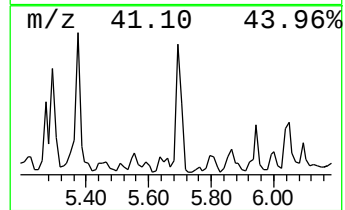
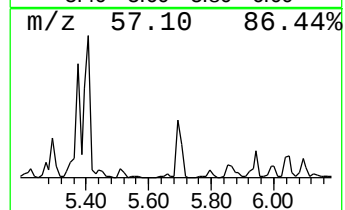
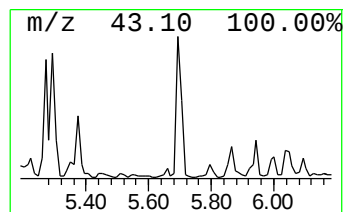
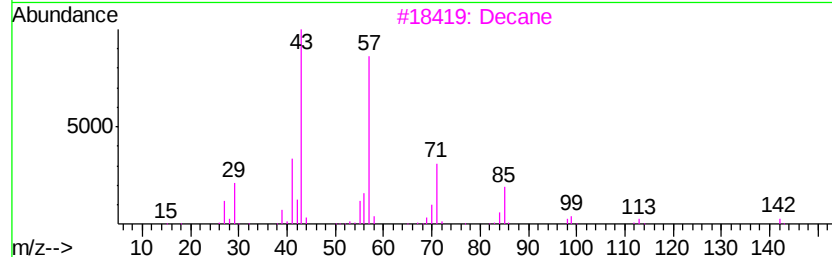
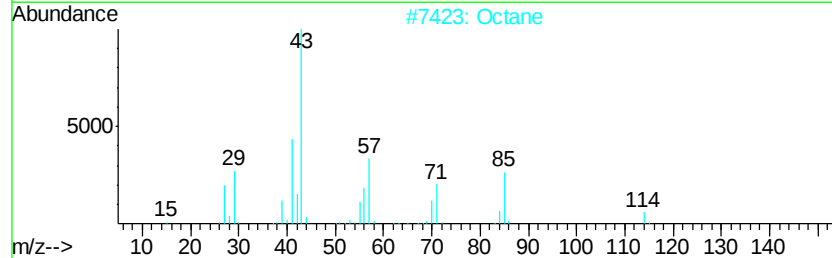
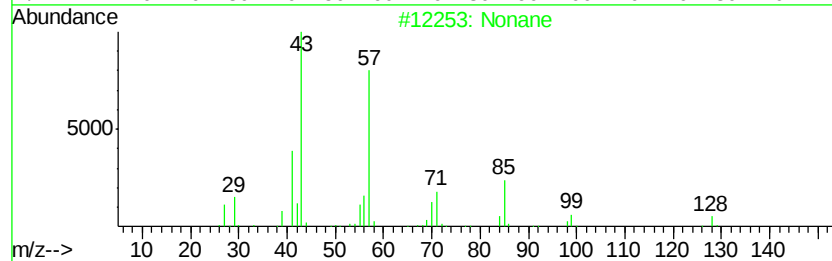
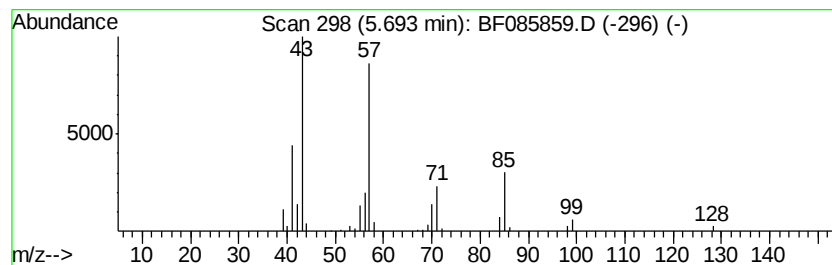
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	6.37 ng	287267	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	91
2			Octane	114	C8H18	000111-65-9	72
3			Decane	142	C10H22	000124-18-5	59
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
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Acq On : 29 Mar 2016 20:04
Operator : UM/SJ
Sample : H1979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

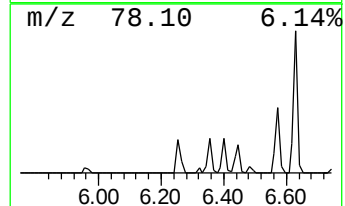
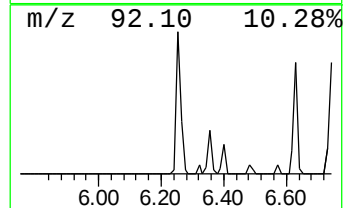
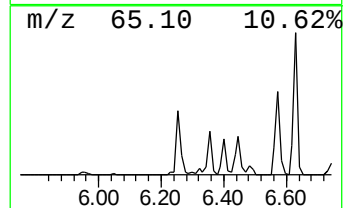
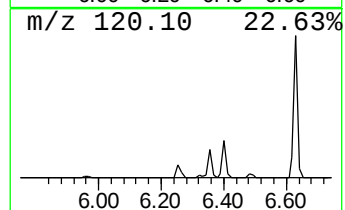
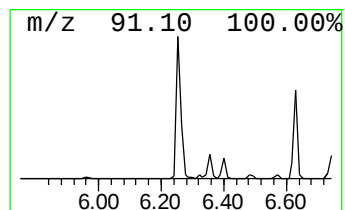
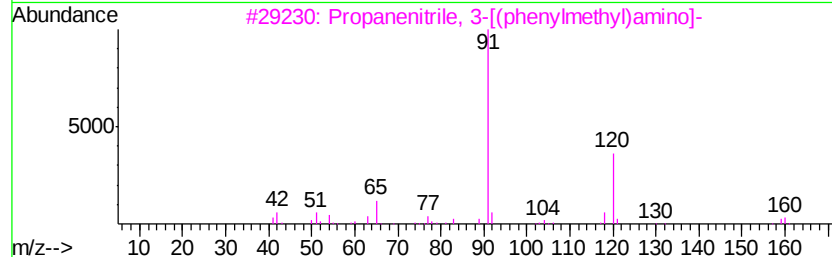
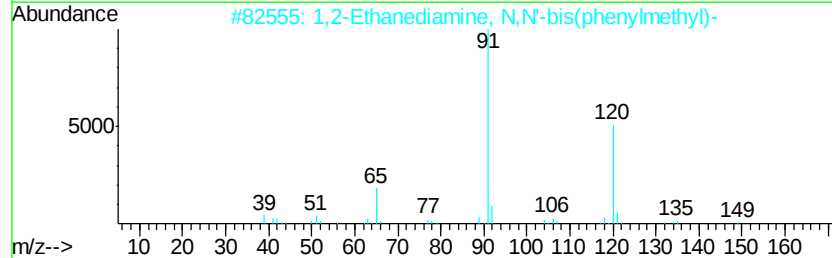
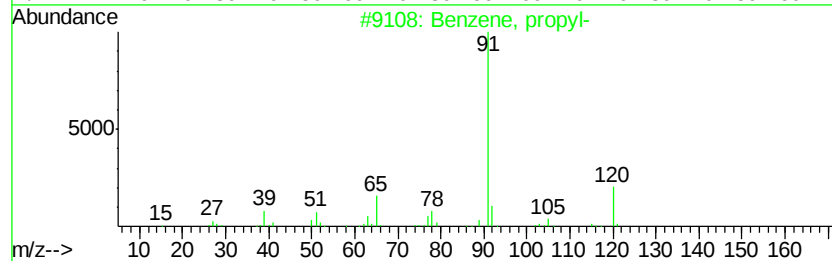
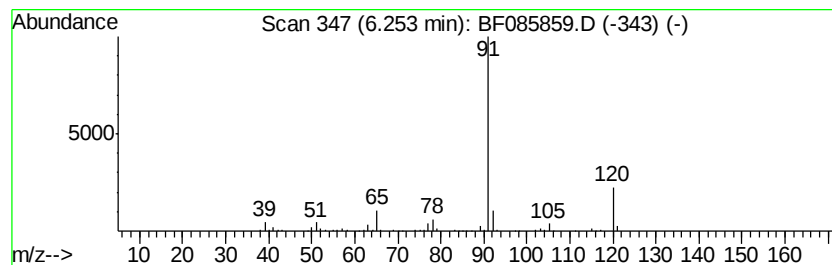
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.25	9.54 ng	430340	1,4-Dichlorobenzene-d4	6.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
3	Propanenitrile, 3-[(phenylmethyl)...	160	C10H12N2	000706-03-6	64
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	56
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085859.D
Acq On : 29 Mar 2016 20:04
Operator : UM/SJ
Sample : H1979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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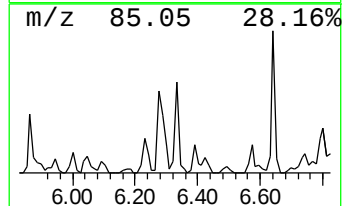
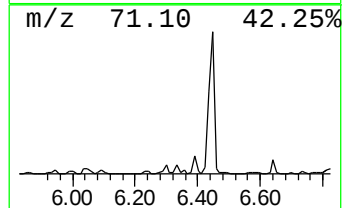
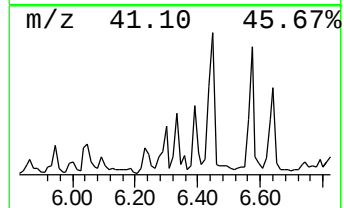
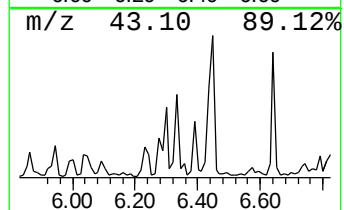
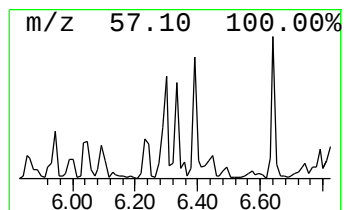
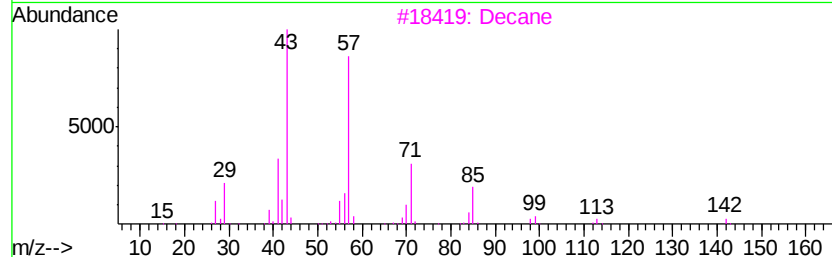
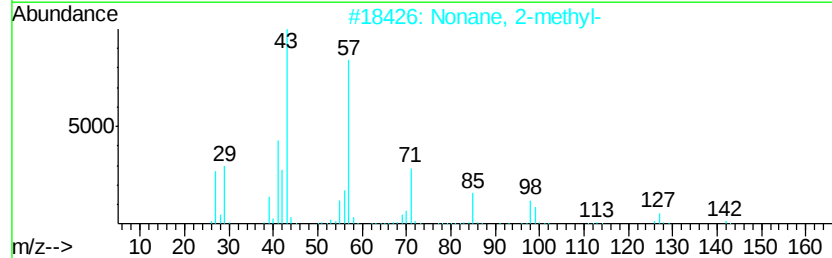
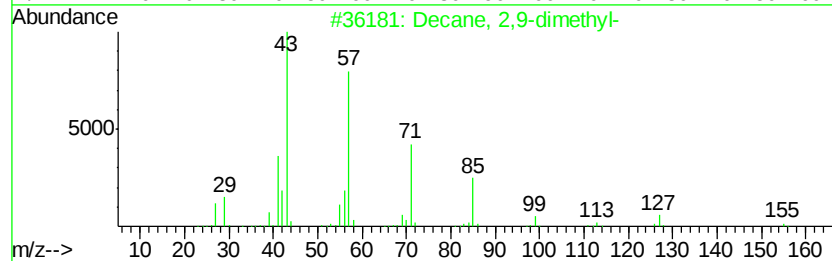
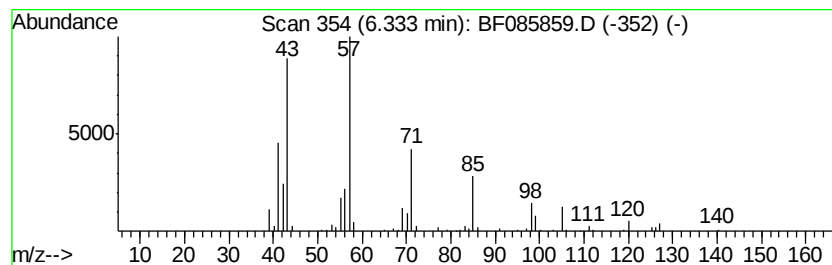
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 2,9-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	6.67 ng	300988	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
2		Nonane, 2-methyl-	142	C10H22	000871-83-0	59
3		Decane	142	C10H22	000124-18-5	59
4		Tetradecane	198	C14H30	000629-59-4	59
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085859.D
Acq On : 29 Mar 2016 20:04
Operator : UM/SJ
Sample : H1979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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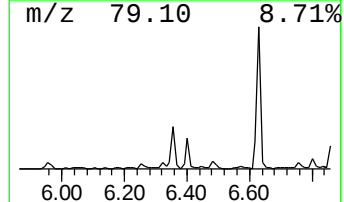
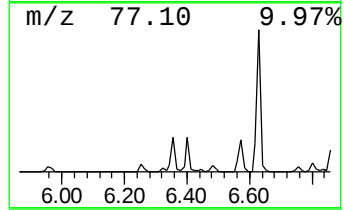
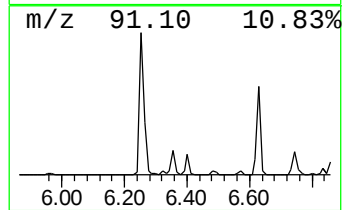
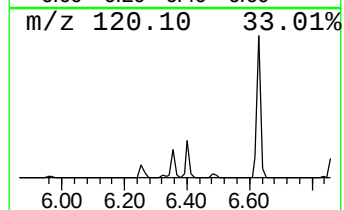
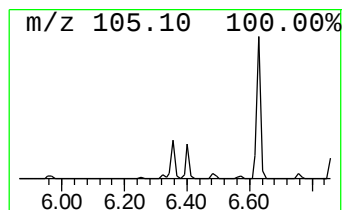
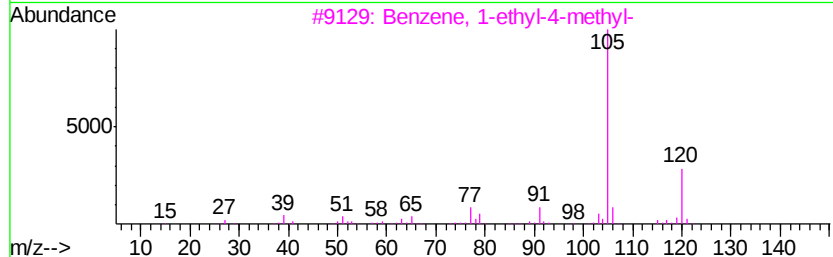
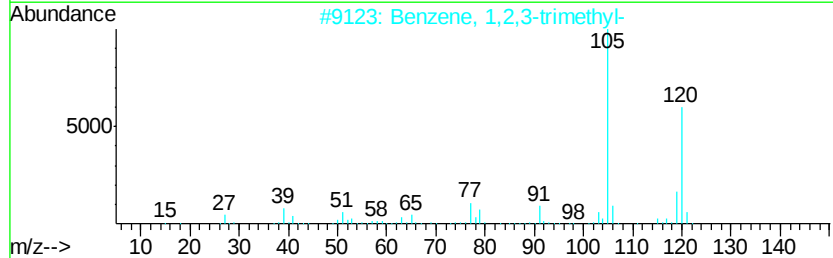
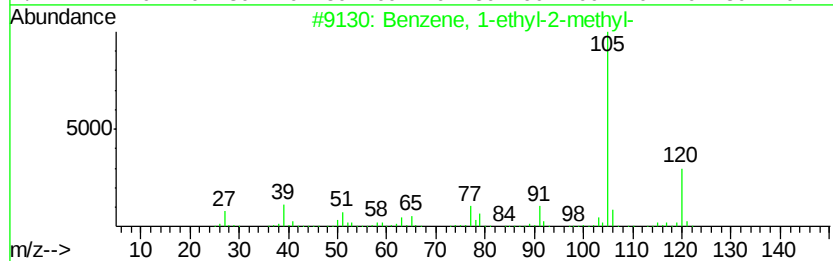
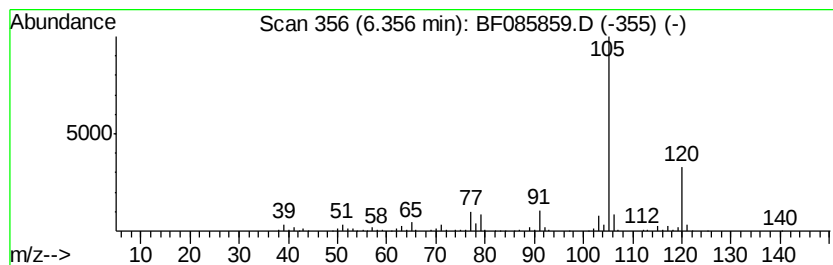
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	8.85 ng	399101	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085859.D
Acq On : 29 Mar 2016 20:04
Operator : UM/SJ
Sample : H1979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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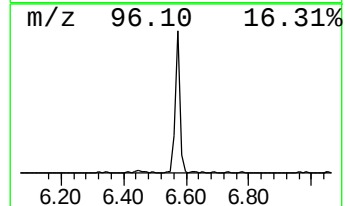
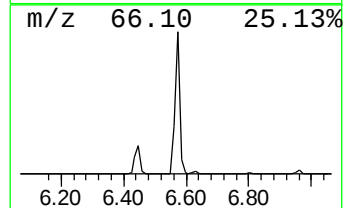
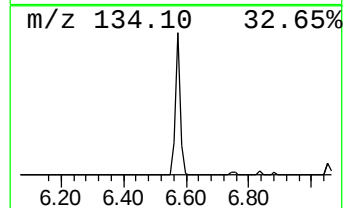
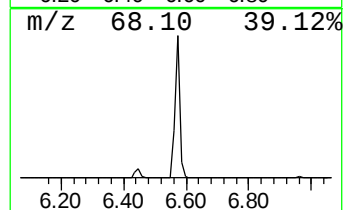
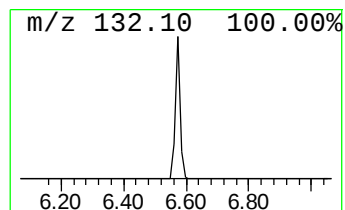
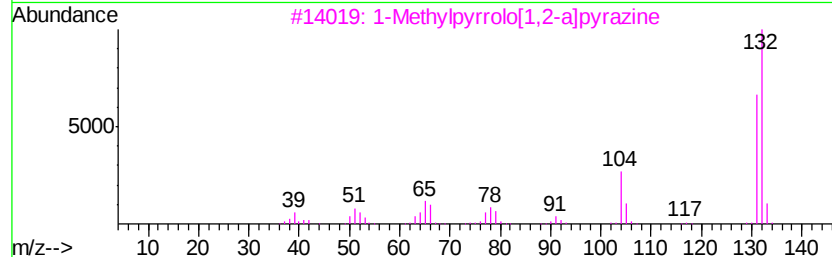
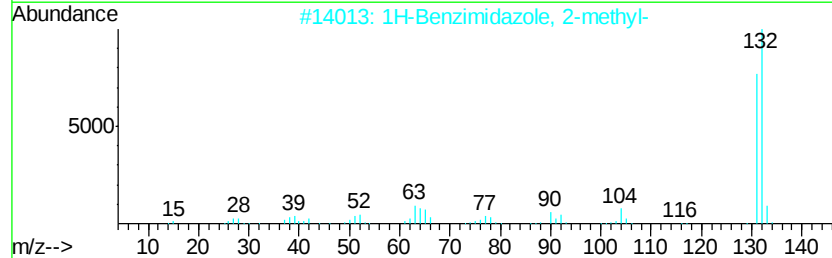
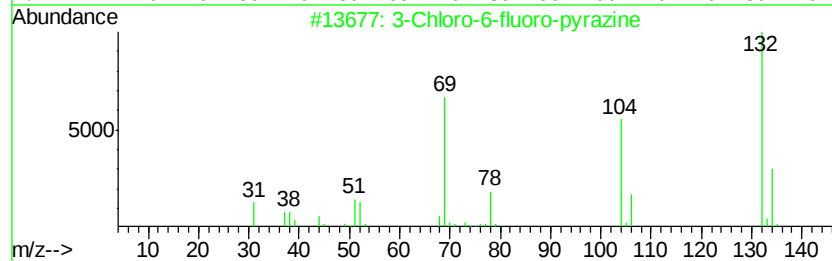
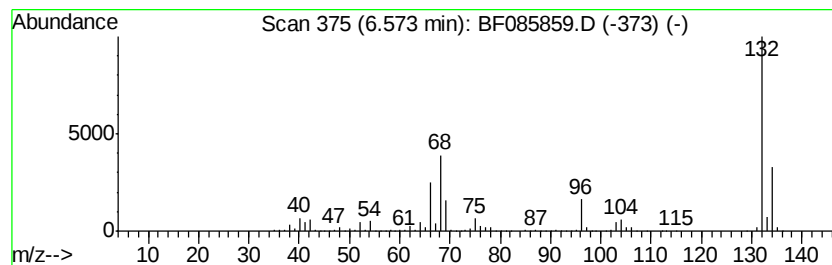
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	65.09 ng	2936050	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085859.D
Acq On : 29 Mar 2016 20:04
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Sample : H1979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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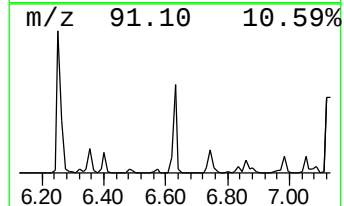
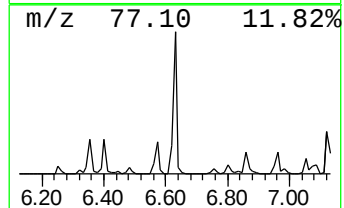
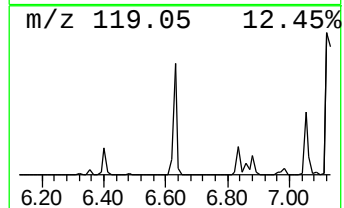
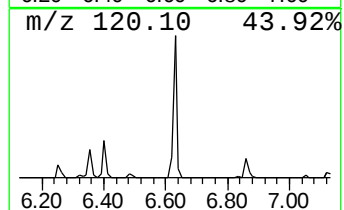
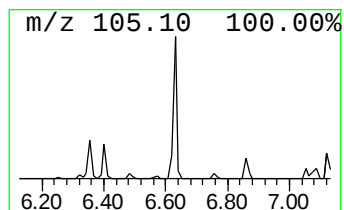
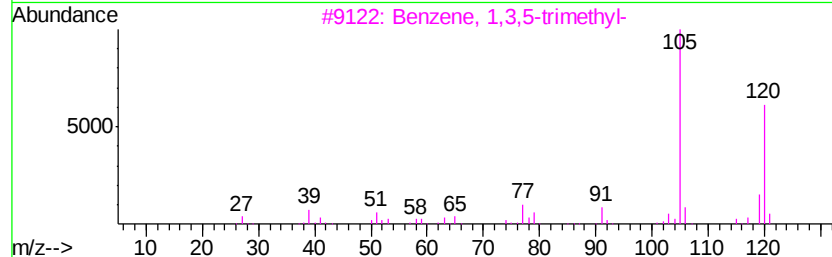
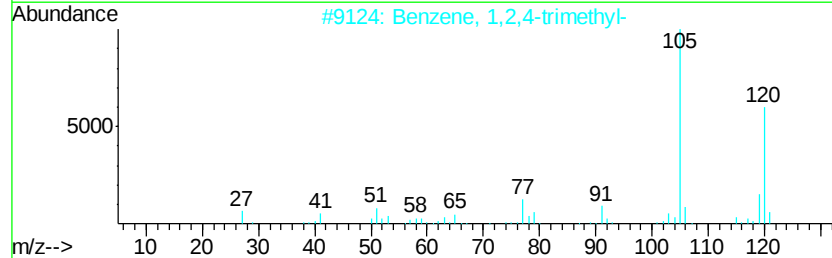
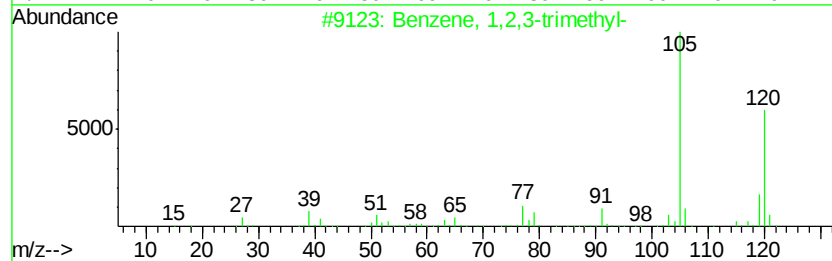
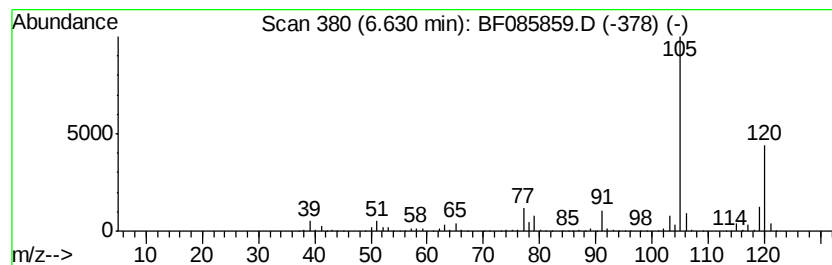
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	42.65 ng	1923540	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085859.D
Acq On : 29 Mar 2016 20:04
Operator : UM/SJ
Sample : H1979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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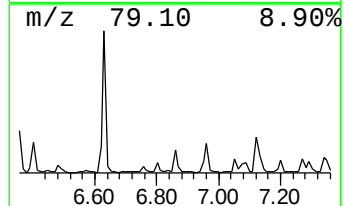
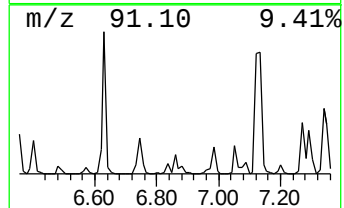
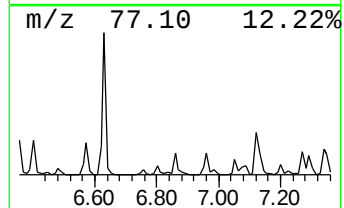
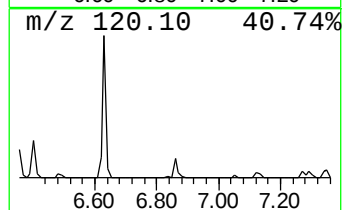
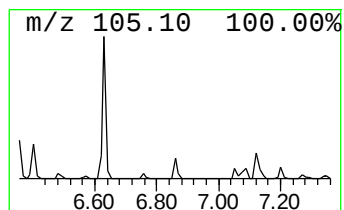
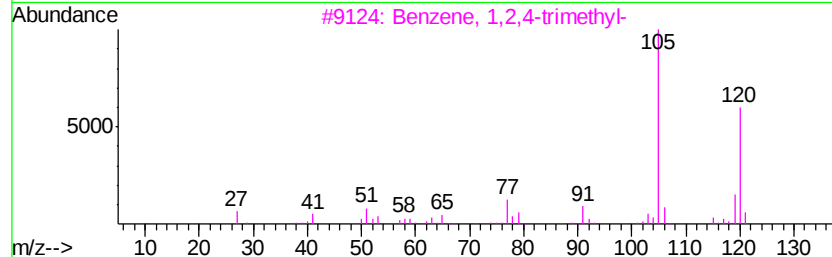
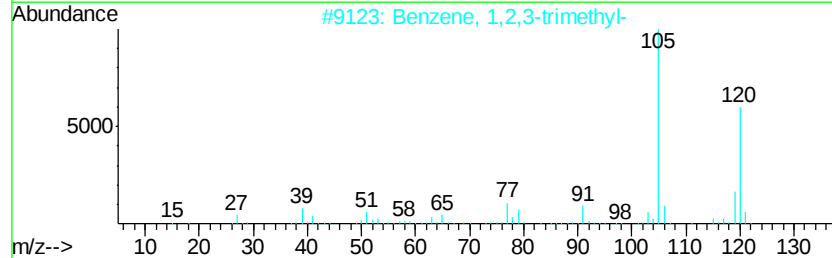
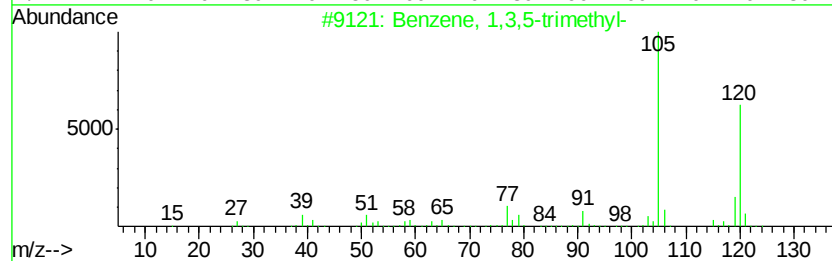
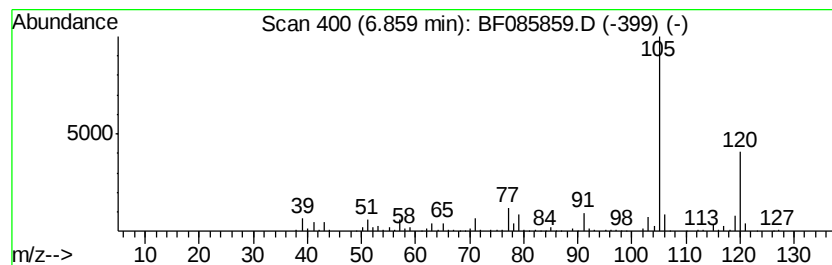
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	8.34 ng	376041	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085859.D
Acq On : 29 Mar 2016 20:04
Operator : UM/SJ
Sample : H1979-01
Misc :
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ClientSampleId :
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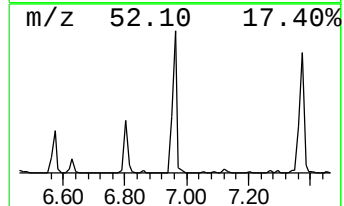
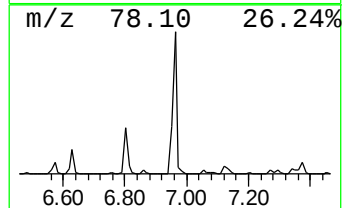
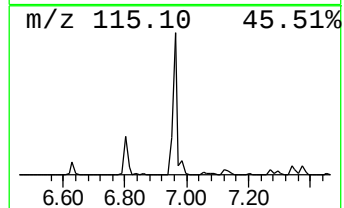
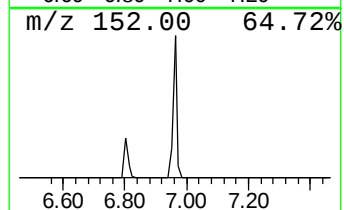
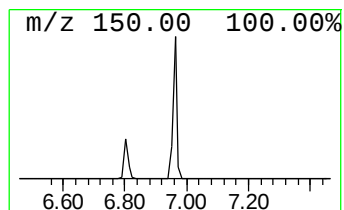
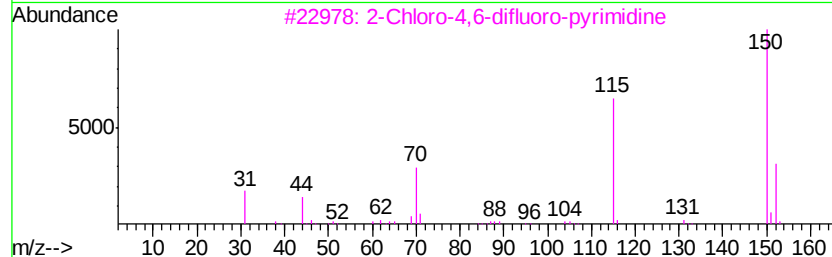
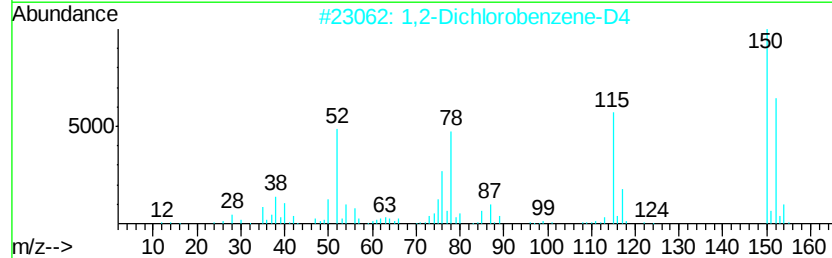
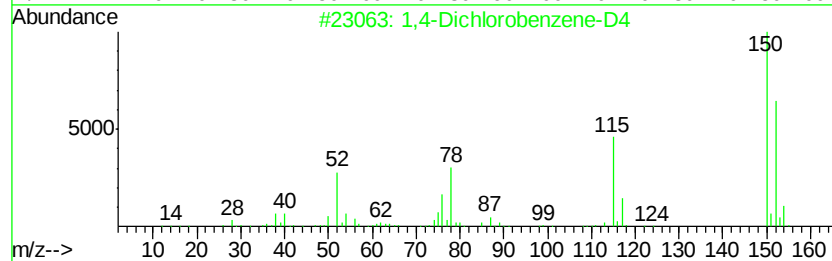
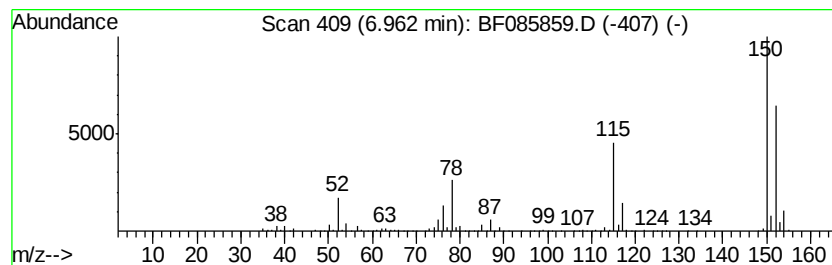
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-Chloro-4,6-difluoro-pyrim... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	55.99 ng	2525550	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	94
2		1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	91
3		2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	50
4		9-Borabicyclo[3.3.1]nonane, 9-et...	150	C10H19B	052102-17-7	22
5		But-2-yne-1,4-diol, o,o'-bis(3-n...	384	C18H12N2O8	055709-58-5	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085859.D
Acq On : 29 Mar 2016 20:04
Operator : UM/SJ
Sample : H1979-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
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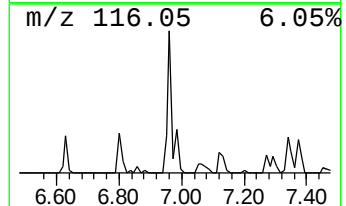
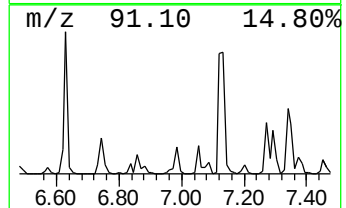
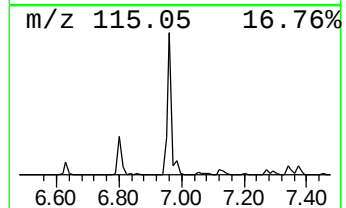
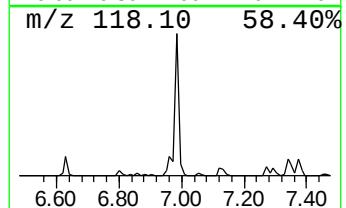
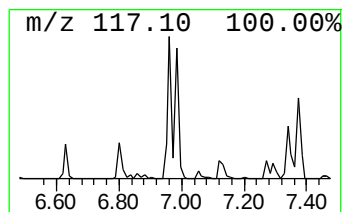
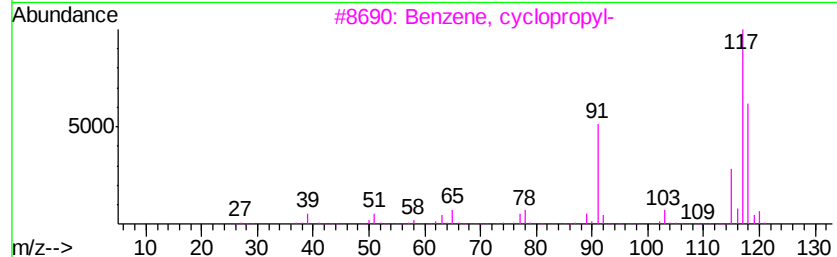
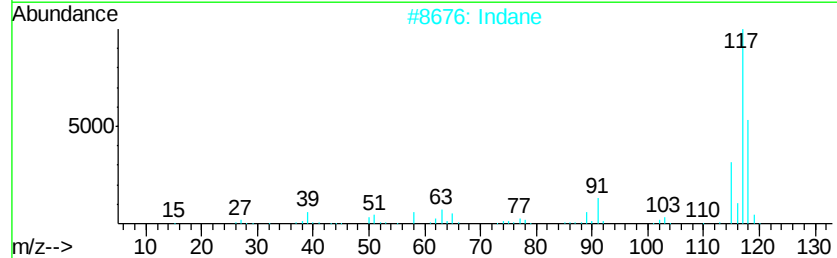
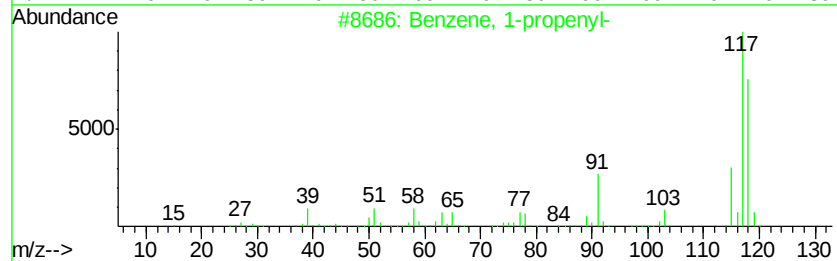
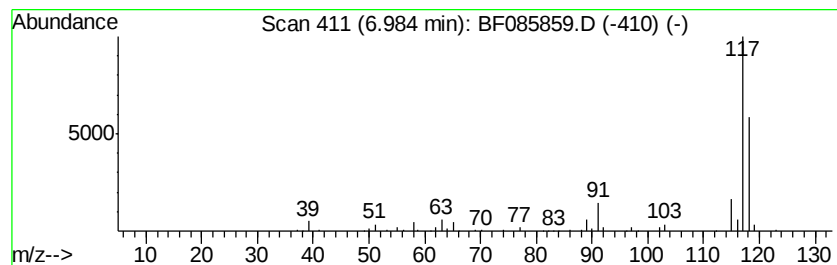
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1-propenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	5.21 ng	235055	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-propenyl-	118	C9H10	000637-50-3	83
2			Indane	118	C9H10	000496-11-7	80
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5			cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085859.D
Acq On : 29 Mar 2016 20:04
Operator : UM/SJ
Sample : H1979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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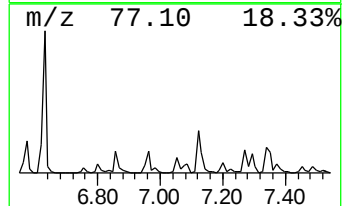
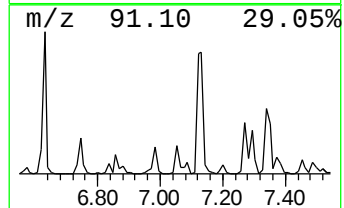
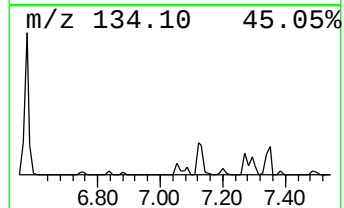
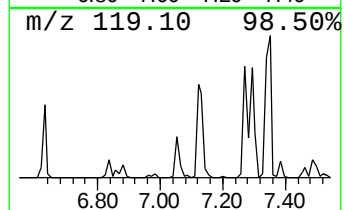
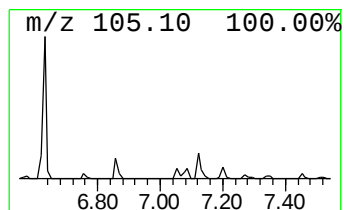
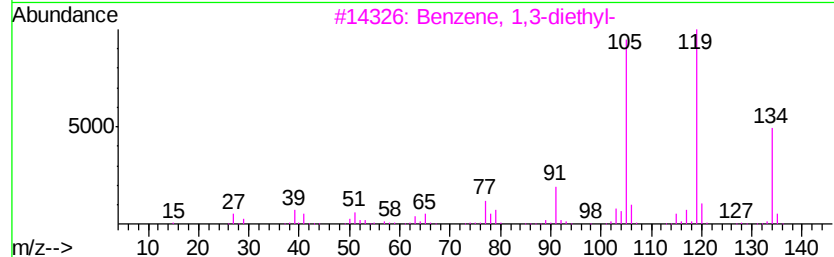
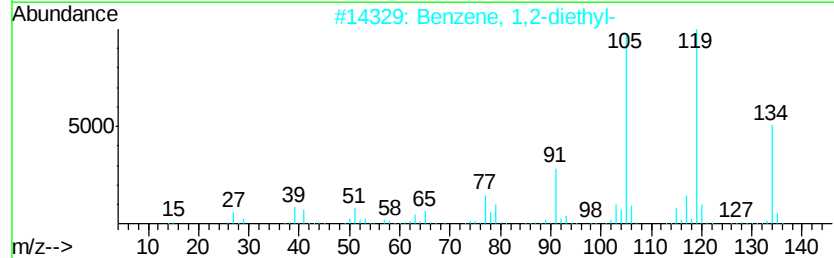
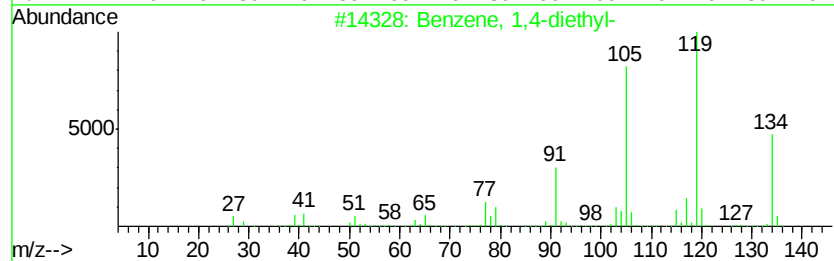
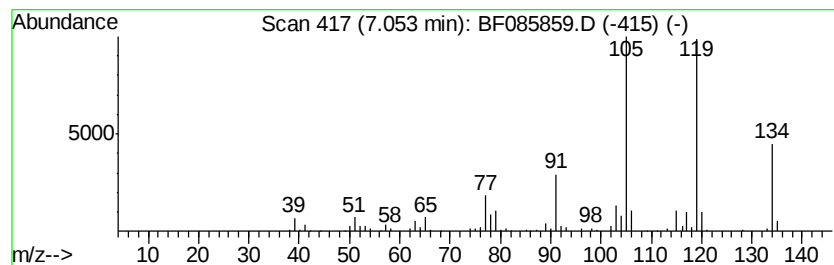
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1,4-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	5.76 ng	259770	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085859.D
Acq On : 29 Mar 2016 20:04
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Sample : H1979-01
Misc :
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Instrument :
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ClientSampleId :
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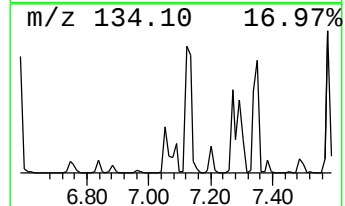
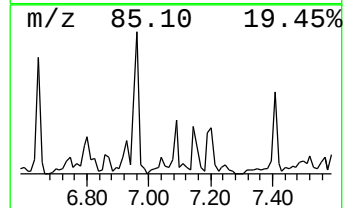
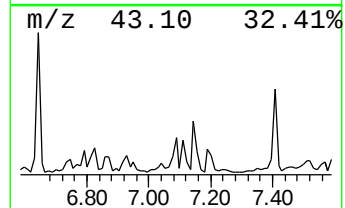
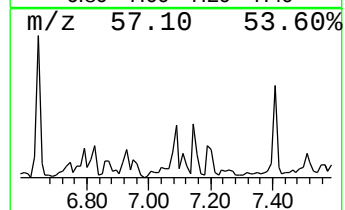
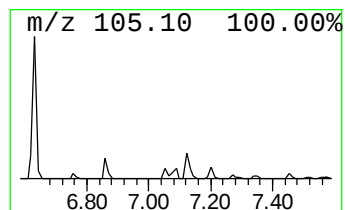
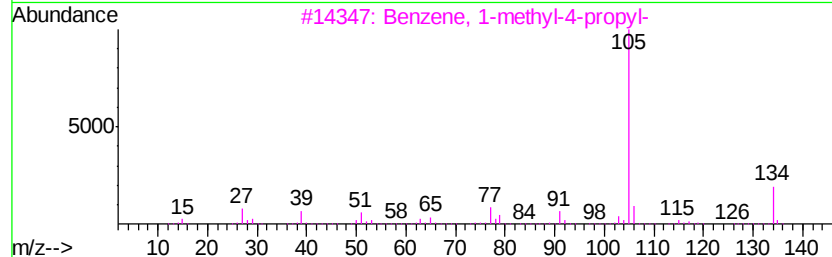
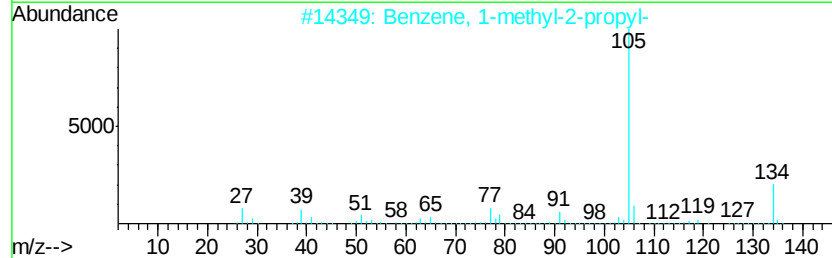
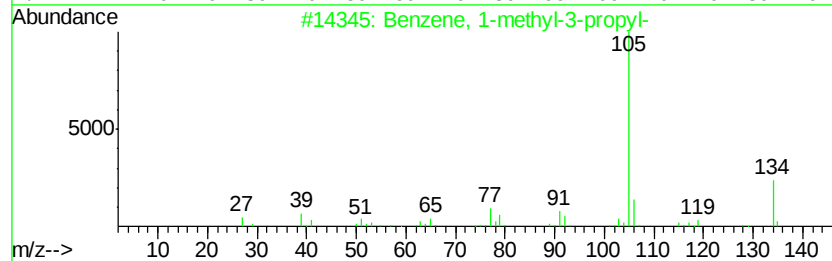
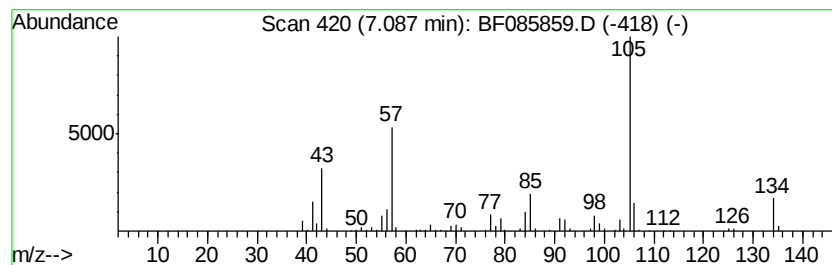
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown7.09 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	5.79 ng	260972	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	43
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
5		Decane, 5-methyl-	156	C11H24	013151-35-4	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085859.D
Acq On : 29 Mar 2016 20:04
Operator : UM/SJ
Sample : H1979-01
Misc :
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ClientSampleId :
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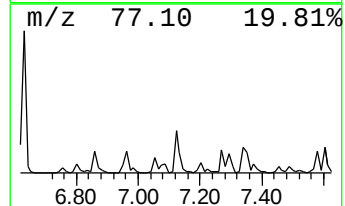
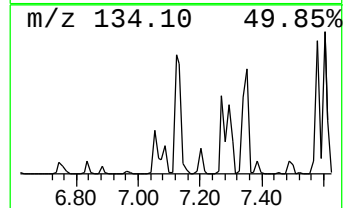
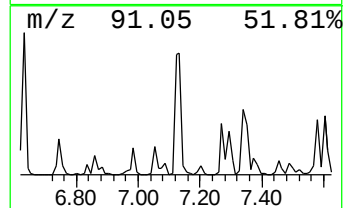
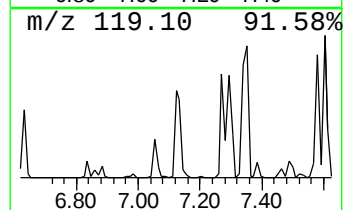
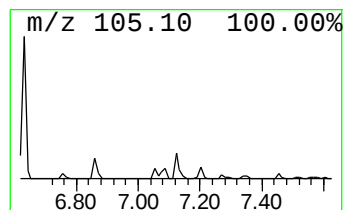
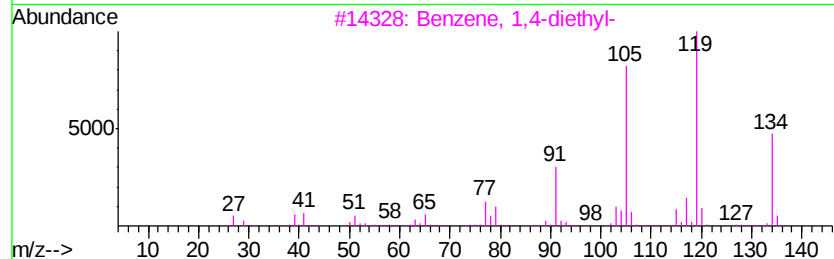
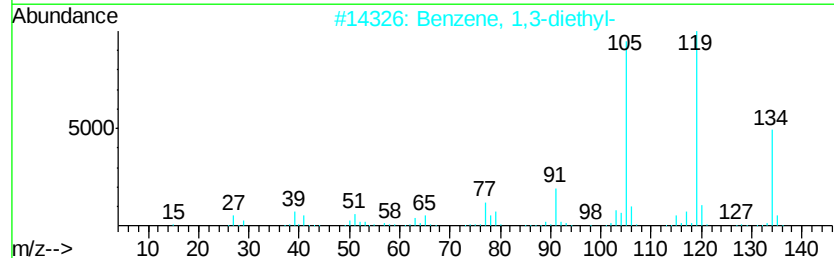
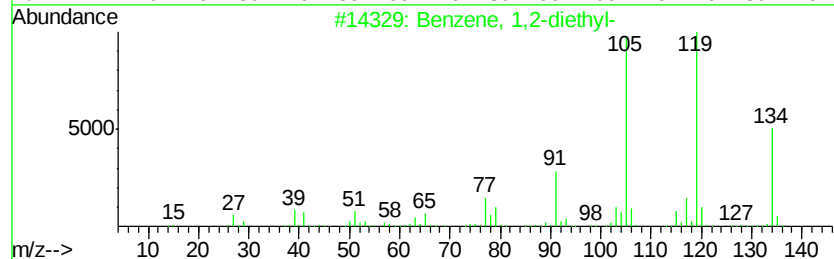
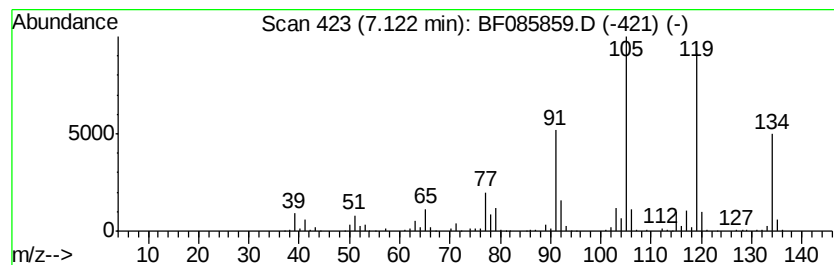
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	22.60 ng	1019160	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5			1,3,8-p-Menthatriene	134	C10H14	021195-59-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
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Acq On : 29 Mar 2016 20:04
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Sample : H1979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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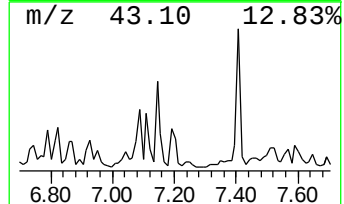
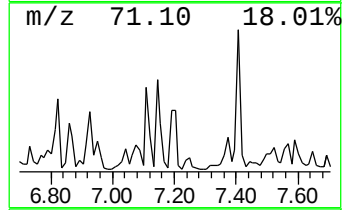
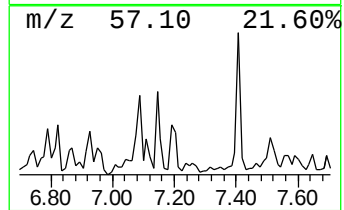
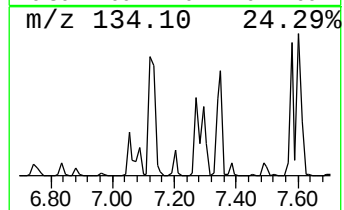
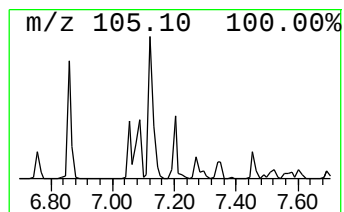
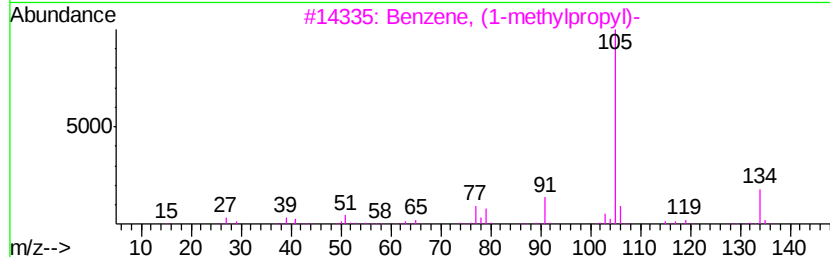
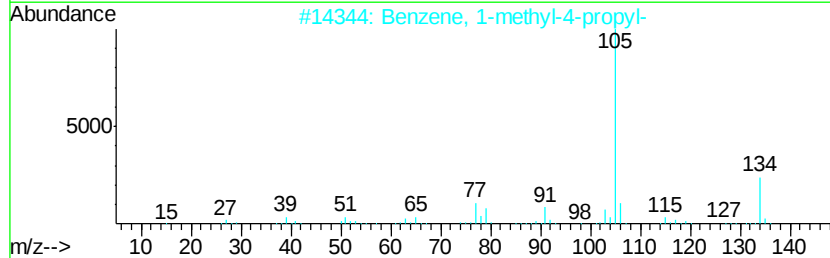
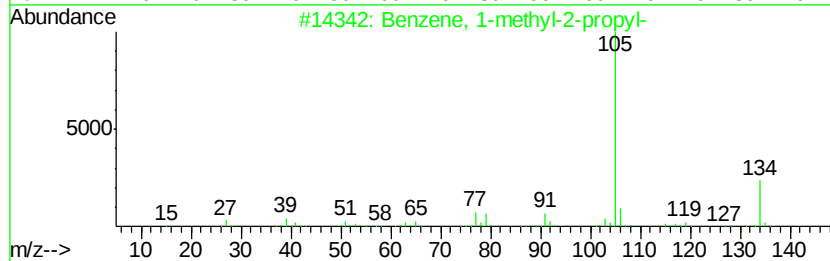
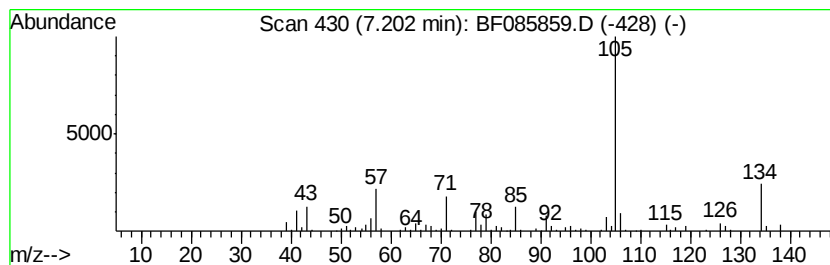
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 1-methyl-2-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	5.36 ng	241676	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	92
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	92
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	70
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	62
5		2-Tolyloxirane	134	C9H10O	002783-26-8	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085859.D
Acq On : 29 Mar 2016 20:04
Operator : UM/SJ
Sample : H1979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

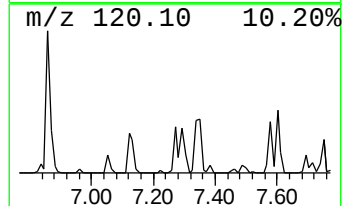
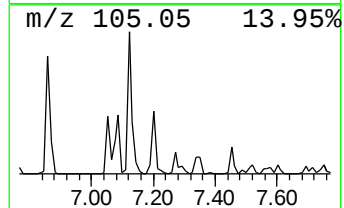
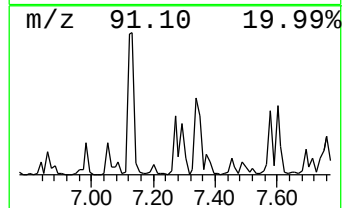
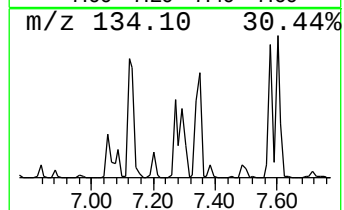
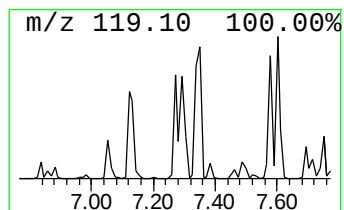
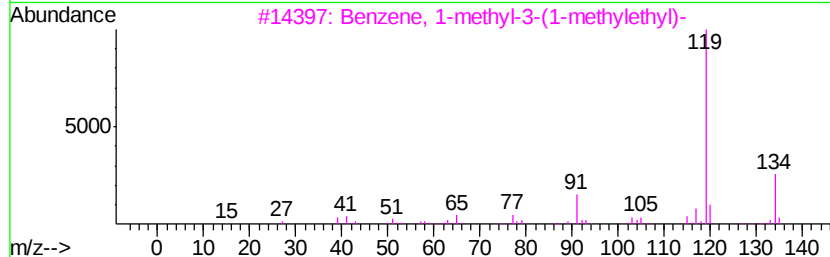
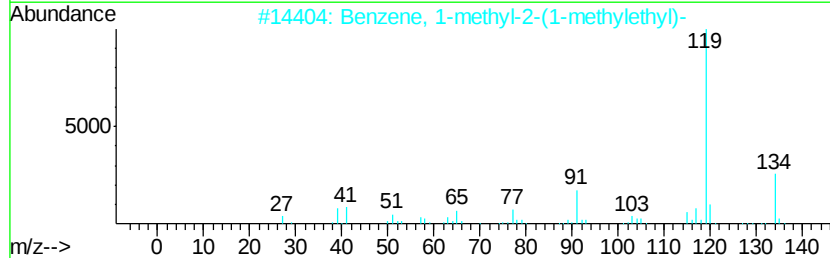
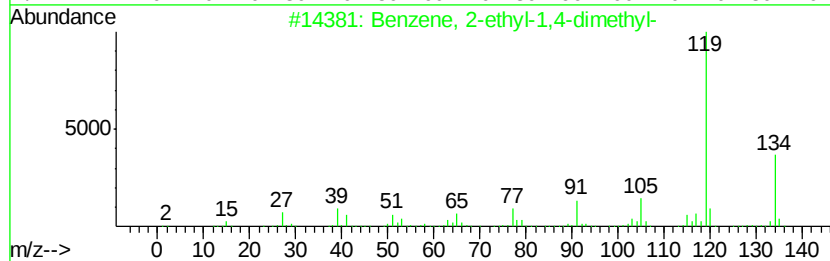
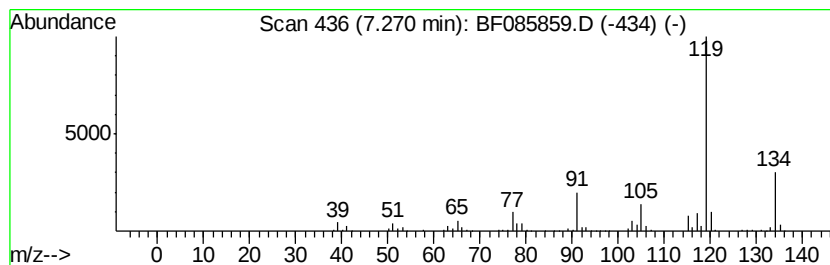
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	8.22 ng	370731	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085859.D
Acq On : 29 Mar 2016 20:04
Operator : UM/SJ
Sample : H1979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

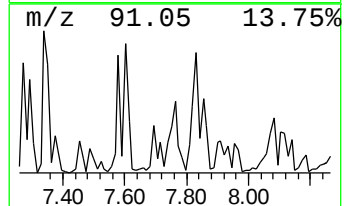
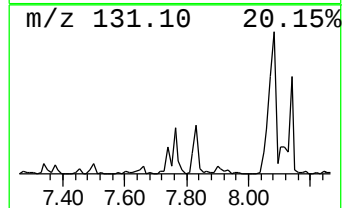
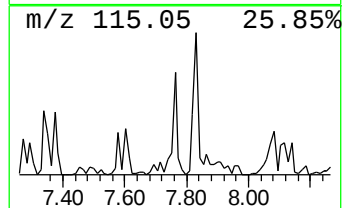
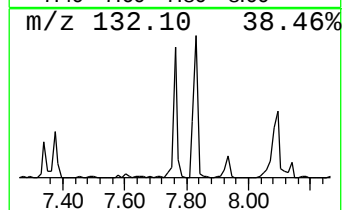
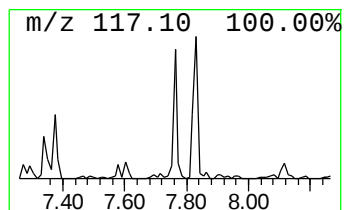
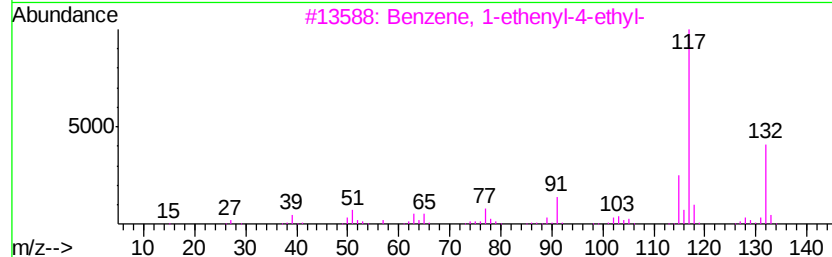
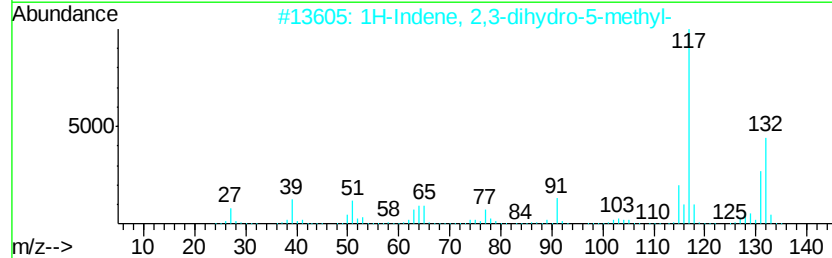
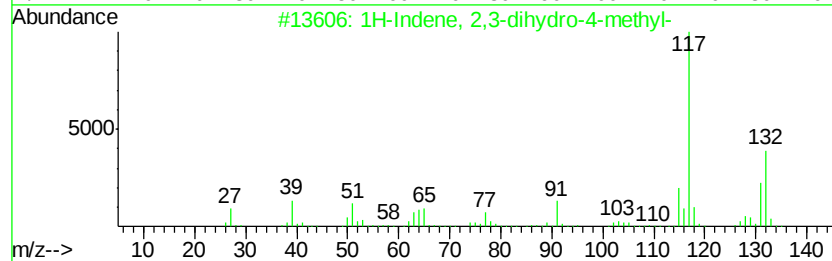
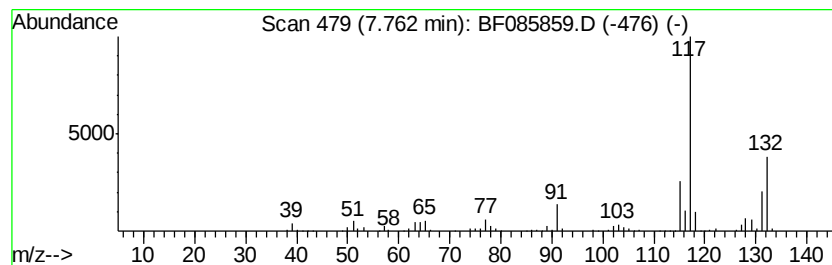
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	5.51 ng	655867	Napthalene-d8	8.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5			Indan, 1-methyl-	132	C10H12	000767-58-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085859.D
Acq On : 29 Mar 2016 20:04
Operator : UM/SJ
Sample : H1979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

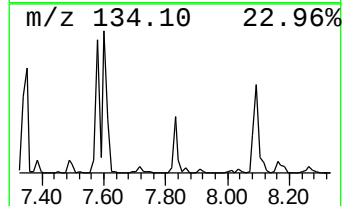
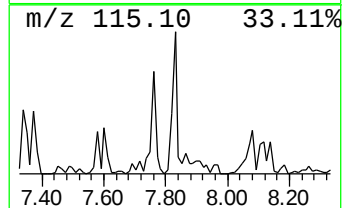
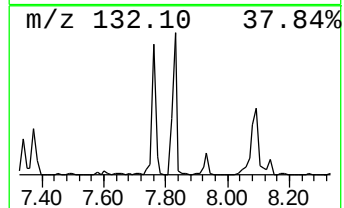
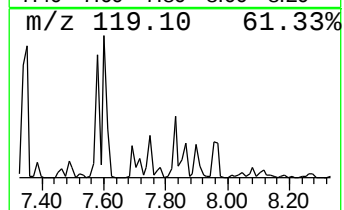
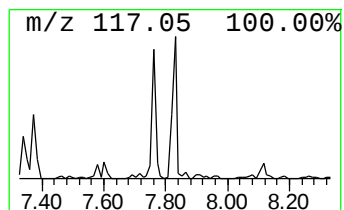
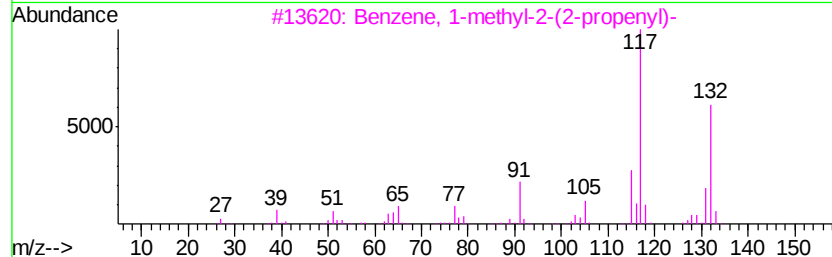
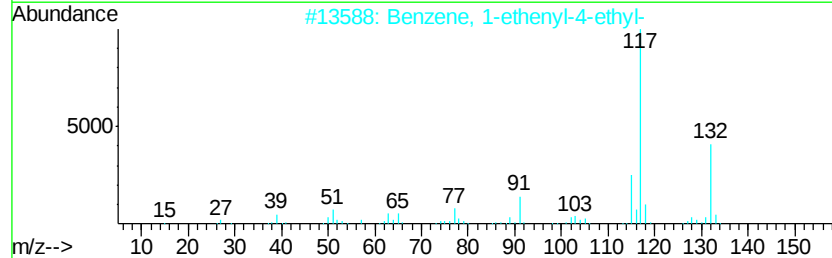
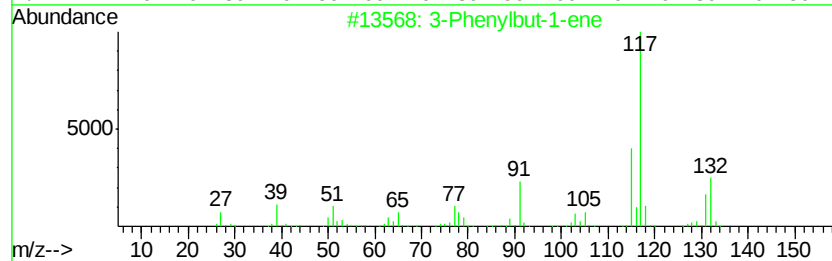
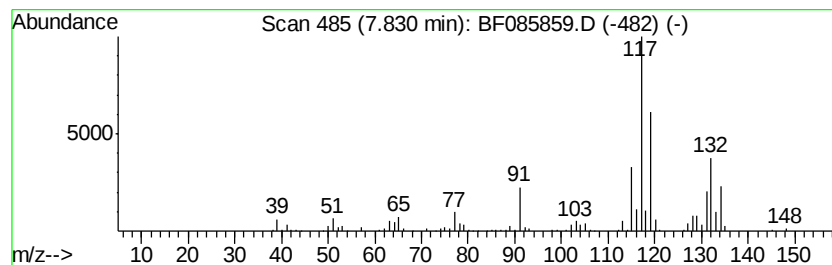
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3-Phenylbut-1-ene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	8.11 ng	965714	Naphthalene-d8	8.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Phenylbut-1-ene	132	C10H12	000934-10-1	62
2			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	60
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	58
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	58
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085859.D
 Acq On : 29 Mar 2016 20:04
 Operator : UM/SJ
 Sample : H1979-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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
Heptane, 2-methyl-	3.68	5.3	ng	240856	1	6.80	902099	20.0
Octane	4.36	6.2	ng	280697	1	6.80	902099	20.0
Heptane, 2,5-dime...	4.89	5.0	ng	226247	1	6.80	902099	20.0
Octane, 4-methyl-	5.27	6.2	ng	278178	1	6.80	902099	20.0
Nonane	5.69	6.4	ng	287267	1	6.80	902099	20.0
Benzene, propyl-	6.25	9.5	ng	430340	1	6.80	902099	20.0
Decane, 2,9-dimet...	6.33	6.7	ng	300988	1	6.80	902099	20.0
Benzene, 1-ethyl-...	6.36	8.8	ng	399101	1	6.80	902099	20.0
unknown6.57	6.57	65.1	ng	2936050	1	6.80	902099	20.0
Benzene, 1,2,3-tr...	6.63	42.6	ng	1923540	1	6.80	902099	20.0
Benzene, 1,3,5-tr...	6.86	8.3	ng	376041	1	6.80	902099	20.0
2-Chloro-4,6-difl...	6.96	56.0	ng	2525550	1	6.80	902099	20.0
Benzene, 1-propenyl-	6.98	5.2	ng	235055	1	6.80	902099	20.0
Benzene, 1,4-diet...	7.05	5.8	ng	259770	1	6.80	902099	20.0
unknown7.09	7.09	5.8	ng	260972	1	6.80	902099	20.0
Benzene, 1,2-diet...	7.12	22.6	ng	1019160	1	6.80	902099	20.0
Benzene, 1-methyl...	7.20	5.4	ng	241676	1	6.80	902099	20.0
Benzene, 2-ethyl-...	7.27	8.2	ng	370731	1	6.80	902099	20.0
1H-Indene, 2,3-di...	7.76	5.5	ng	655867	2	8.09	2381250	20.0
3-Phenylbut-1-ene	7.83	8.1	ng	965714	2	8.09	2381250	20.0