

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109557.D
 Acq On : 3 Oct 2018 20:02
 Operator : JU/SJ
 Sample : J5084-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-7(8-8.5)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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	2.246	17	27	31	rVV	503347	1079471	2.59%	0.219%
2	2.299	31	36	43	rVB2	320833	677655	1.63%	0.137%
3	2.734	96	110	116	rBV2	311398	944287	2.27%	0.191%
4	2.834	116	127	131	rBV	715472	1917530	4.60%	0.389%
5	2.875	131	134	140	rVV	789421	1331138	3.20%	0.270%
6	2.934	140	144	152	rVB3	268513	679776	1.63%	0.138%
7	3.099	152	172	184	rBV5	264319	1023709	2.46%	0.208%
8	3.322	184	210	215	rBV	2107732	7976501	19.15%	1.618%
9	3.475	222	236	242	rVV	1876779	5329763	12.80%	1.081%
10	3.557	243	250	257	rVB	1090732	2431888	5.84%	0.493%
11	3.734	262	280	283	rVV3	5345157	16842762	40.44%	3.416%
12	3.775	283	287	290	rVV2	691749	1098813	2.64%	0.223%
13	3.852	290	300	305	rVB	2691922	6044108	14.51%	1.226%
14	4.004	313	326	329	rBV2	2319159	5265269	12.64%	1.068%
15	4.146	342	350	353	rBV2	869261	1717536	4.12%	0.348%
16	4.181	353	356	361	rVV2	1098138	1945341	4.67%	0.394%
17	4.269	367	371	374	rVV2	436336	821923	1.97%	0.167%
18	4.340	375	383	388	rVB2	3537582	7456147	17.90%	1.512%
19	4.446	393	401	406	rBV4	1910688	4000672	9.61%	0.811%
20	4.540	412	417	422	rVB2	1278226	1886809	4.53%	0.383%
21	4.651	431	436	439	rBV	1078397	1432199	3.44%	0.290%
22	4.763	451	455	459	rVB	1192269	1402678	3.37%	0.284%
23	4.810	459	463	465	rBV2	547824	859113	2.06%	0.174%
24	4.851	465	470	477	rVB2	3424371	5499653	13.20%	1.115%
25	4.910	477	480	483	rBV	759226	840130	2.02%	0.170%
26	4.981	490	492	497	rVB3	528536	752176	1.81%	0.153%
27	5.046	497	503	512	rVB3	412934	1001988	2.41%	0.203%
28	5.128	512	517	522	rBV4	902779	2475989	5.94%	0.502%
29	5.216	522	532	539	rVV	6176537	21846386	52.45%	4.430%
30	5.381	543	560	562	rVV2	8154702	41650857	100.00%	8.446%
31	5.416	564	566	569	rVV	2702062	2744006	6.59%	0.556%
32	5.446	569	571	573	rVV2	852383	681881	1.64%	0.138%
33	5.481	573	577	580	rVV	2221455	3065454	7.36%	0.622%
34	5.510	580	582	588	rVV2	1493796	2392341	5.74%	0.485%

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Integration Parameters: rteint.p
 Integrator: RTE
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 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.622	589	601	604	rVV2	7956664	22761261	54.65%	4.616%
36	5.663	604	608	611	rVB	5422862	6887663	16.54%	1.397%
37	5.704	612	615	619	rBV3	1207427	1205166	2.89%	0.244%
38	5.745	619	622	623	rBV2	1403996	1232930	2.96%	0.250%
39	5.763	623	625	627	rVB	1468614	1136179	2.73%	0.230%
40	5.804	627	632	641	rVB4	2257729	4609321	11.07%	0.935%
41	5.898	641	648	652	rBV2	4007471	7888580	18.94%	1.600%
42	5.940	653	655	659	rVV3	1047585	1392323	3.34%	0.282%
43	5.987	659	663	669	rVV2	2384639	4475840	10.75%	0.908%
44	6.040	669	672	682	rVB	933093	1762180	4.23%	0.357%
45	6.204	691	700	706	rBV	4716606	15895633	38.16%	3.223%
46	6.293	706	715	717	rBV3	4608805	13035500	31.30%	2.643%
47	6.375	725	729	730	rBV	3425270	4490391	10.78%	0.911%
48	6.463	736	744	748	rBV	6671086	13069783	31.38%	2.650%
49	6.516	750	753	757	rBV	559334	915053	2.20%	0.186%
50	6.593	757	766	767	rBV4	6367001	14803550	35.54%	3.002%
51	6.692	780	783	784	rBV	2510488	2230201	5.35%	0.452%
52	6.710	784	786	788	rVB	2300990	1768793	4.25%	0.359%
53	6.781	794	798	799	rBV	3029811	3025038	7.26%	0.613%
54	6.828	799	806	809	rVB2	5486499	12031375	28.89%	2.440%
55	6.881	811	815	817	rBV	1393083	1801338	4.32%	0.365%
56	6.940	817	825	827	rVB	5972127	11232826	26.97%	2.278%
57	6.998	827	835	837	rBV	5140130	9392001	22.55%	1.905%
58	7.092	844	851	856	rVB4	7070116	18482972	44.38%	3.748%
59	7.151	856	861	864	rVB	5553538	6575674	15.79%	1.333%
60	7.222	866	873	876	rBV2	6187266	13189823	31.67%	2.675%
61	7.251	876	878	880	rVB	4622350	4001527	9.61%	0.811%
62	7.304	880	887	889	rBV	5976873	12783200	30.69%	2.592%
63	7.328	889	891	893	rVV	3180054	2065818	4.96%	0.419%
64	7.351	893	895	897	rVB	3748412	2889136	6.94%	0.586%
65	7.392	897	902	905	rBV3	2671396	3909389	9.39%	0.793%
66	7.428	905	908	910	rBV	4374687	4123328	9.90%	0.836%
67	7.451	910	912	916	rVB3	1031428	1336683	3.21%	0.271%
68	7.522	917	924	926	rBV2	4670073	9280771	22.28%	1.882%
69	7.551	926	929	932	rVB	5636740	7124574	17.11%	1.445%
70	7.628	937	942	944	rBV	2597017	3445359	8.27%	0.699%
71	7.657	944	947	948	rBV2	1459323	1119228	2.69%	0.227%

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Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	7.687	948	952	959	rVB4	4663019	10571295	25.38%	2.144%
73	7.751	959	963	964	rBV2	5255639	6193505	14.87%	1.256%
74	7.822	972	975	976	rBV2	1547529	1324561	3.18%	0.269%
75	7.892	983	987	992	rVB	2802119	3573563	8.58%	0.725%
76	8.004	999	1006	1008	rBV2	4115461	6505552	15.62%	1.319%
77	8.045	1010	1013	1020	rVV5	5728221	11283187	27.09%	2.288%
78	8.104	1020	1023	1025	rVB	2591900	2429236	5.83%	0.493%
79	8.163	1030	1033	1034	rBV2	926838	807584	1.94%	0.164%
80	8.181	1034	1036	1039	rVB2	1142473	874800	2.10%	0.177%
81	8.210	1039	1041	1044	rVB3	661789	672903	1.62%	0.136%
82	8.287	1044	1054	1056	rBV3	2707212	4878702	11.71%	0.989%
83	8.328	1059	1061	1064	rVB2	899277	798973	1.92%	0.162%
84	8.357	1064	1066	1069	rBV2	1577533	1318379	3.17%	0.267%
85	8.392	1069	1072	1075	rBV2	3425707	3463721	8.32%	0.702%
86	8.434	1075	1079	1083	rBV3	845406	1020721	2.45%	0.207%
87	8.475	1083	1086	1088	rVB	2127124	1744269	4.19%	0.354%
88	8.510	1089	1092	1098	rBV5	1202402	1553309	3.73%	0.315%
89	8.604	1104	1108	1111	rBV2	2412560	3115124	7.48%	0.632%
90	8.734	1121	1130	1132	rVB	5521213	9438243	22.66%	1.914%
91	8.822	1138	1145	1147	rVV	4368539	6077446	14.59%	1.232%
92	8.939	1163	1165	1172	rVB3	607117	919429	2.21%	0.186%
93	9.063	1182	1186	1189	rBV	1124072	1154251	2.77%	0.234%
94	9.157	1198	1202	1206	rBV2	1380489	1405744	3.38%	0.285%
95	9.263	1217	1220	1226	rVB	967142	1140457	2.74%	0.231%
96	9.334	1227	1232	1236	rBV	1367939	1827086	4.39%	0.371%
97	9.404	1240	1244	1246	rBV	1717980	1664853	4.00%	0.338%
98	9.516	1261	1263	1270	rVB2	581862	721588	1.73%	0.146%
99	10.522	1430	1434	1438	rVB	720888	686314	1.65%	0.139%
100	12.792	1816	1820	1829	rVB	1504781	1466581	3.52%	0.297%

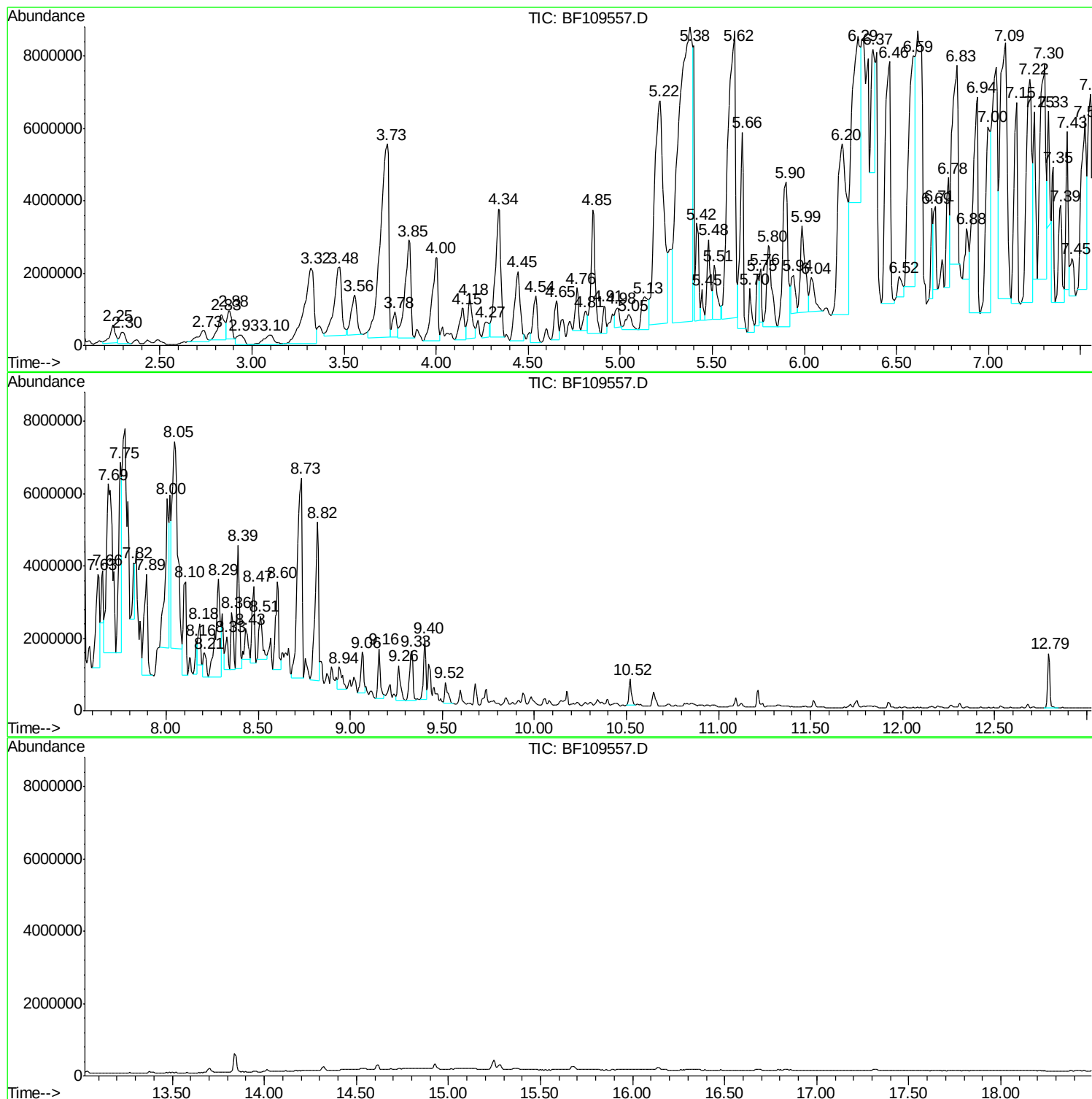
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Instrument :
BNA_F
ClientSampled :
B-7(8-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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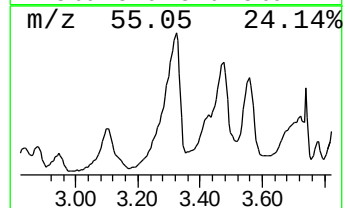
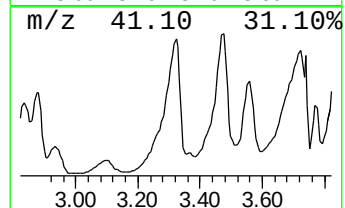
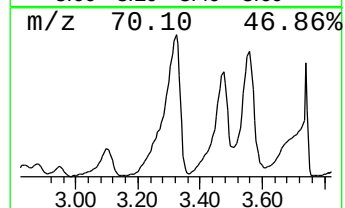
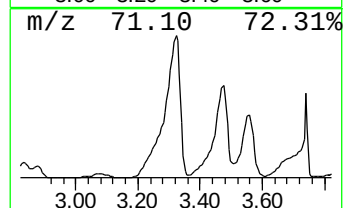
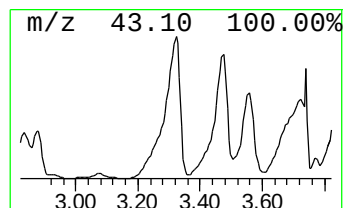
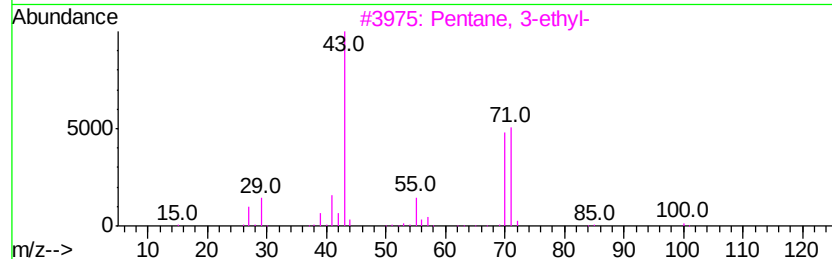
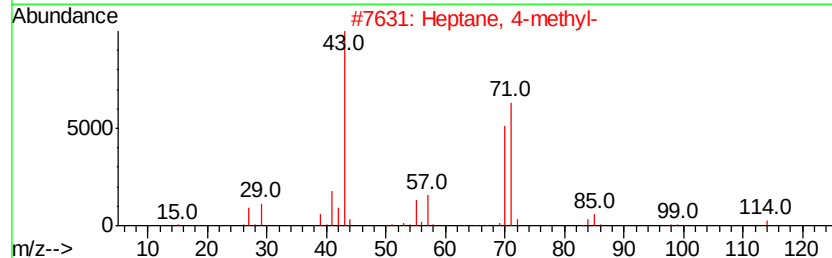
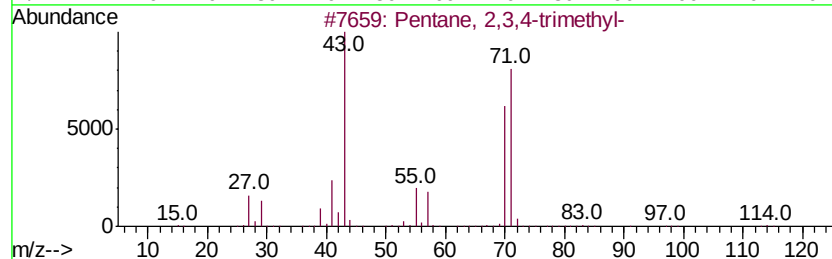
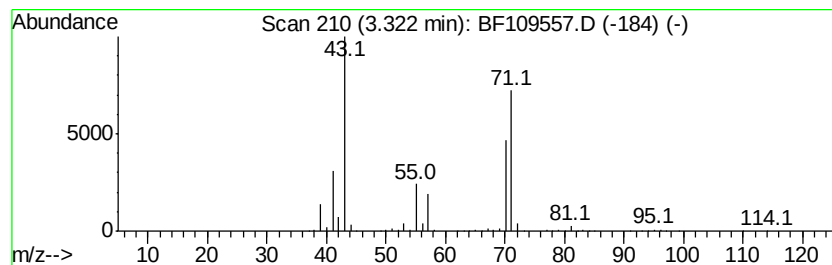
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Pentane, 2,3,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	90.19 ng	7976500	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3		Pentane, 3-ethyl-	100	C7H16	000617-78-7	74
4		Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	64
5		Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	56



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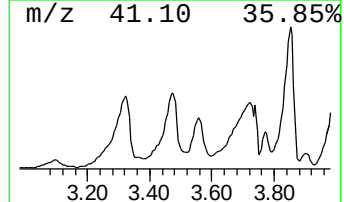
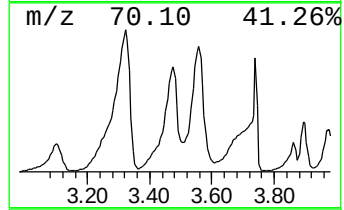
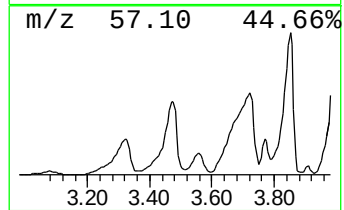
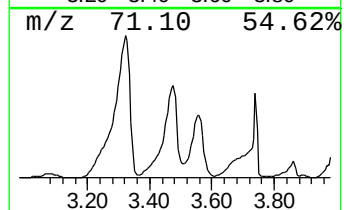
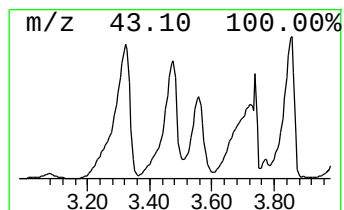
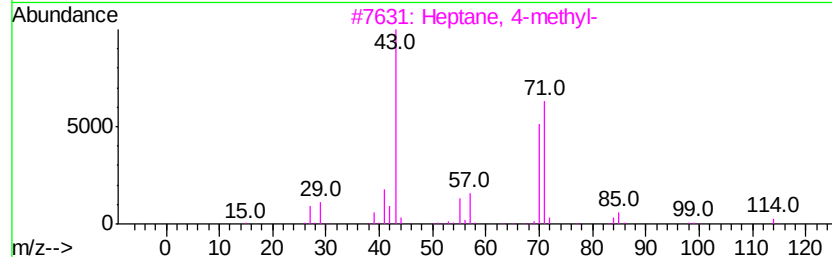
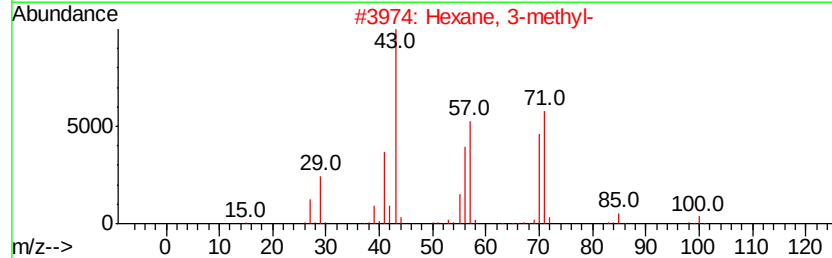
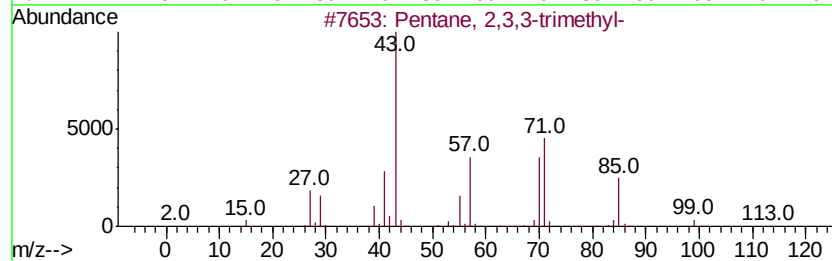
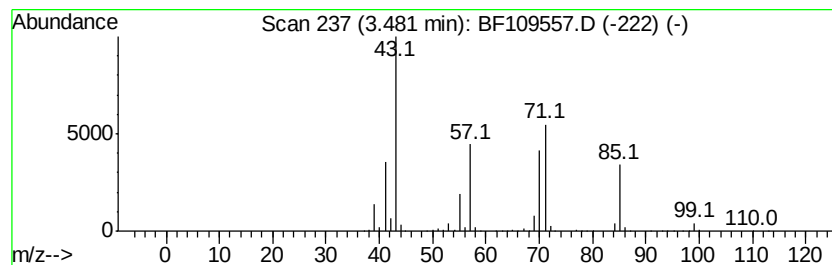
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Pentane, 2,3,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	60.26 ng	5329760	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	64
3		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59



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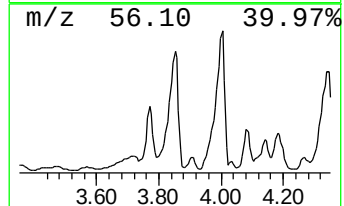
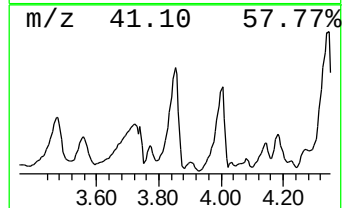
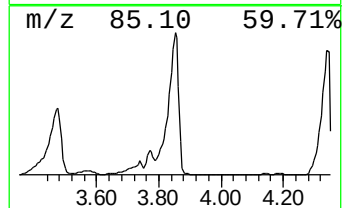
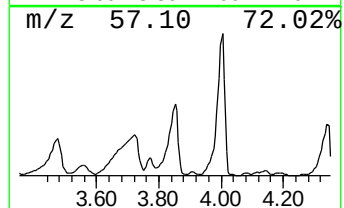
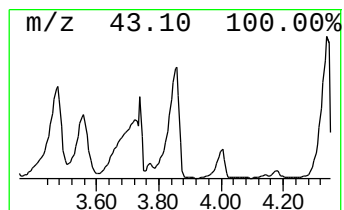
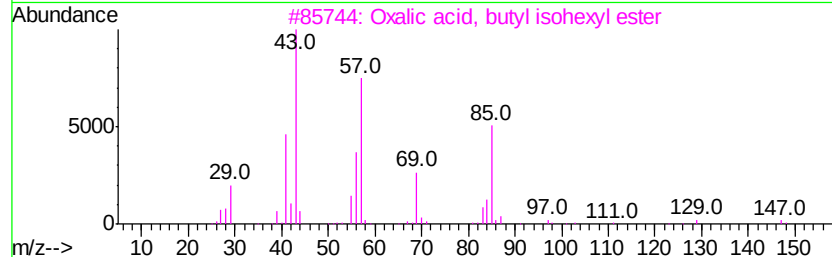
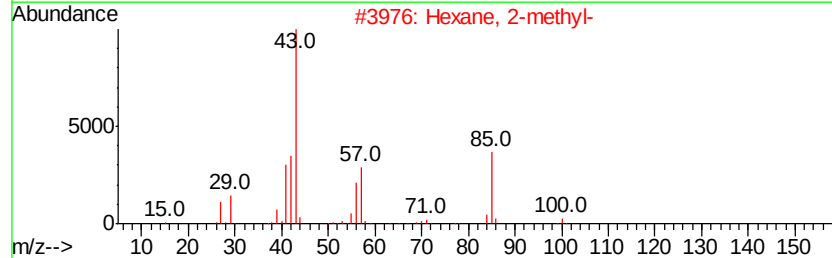
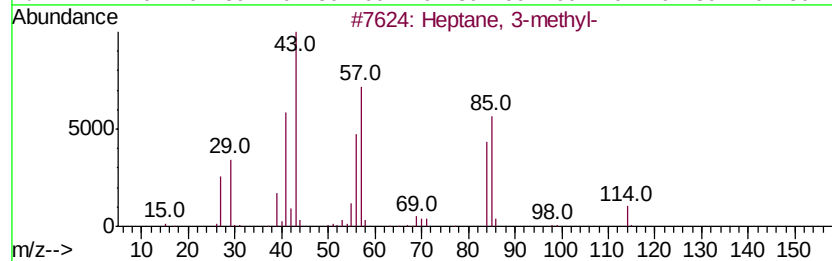
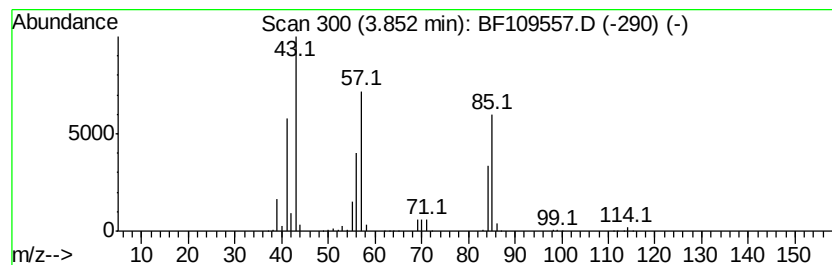
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	68.34 ng	6044110	1,4-Dichlorobenzene-d4	6.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2			Hexane, 2-methyl-	100	C7H16	000591-76-4	74
3			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	72
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59



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Operator : JU/SJ
Sample : J5084-05
Misc :
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ClientSampleId :
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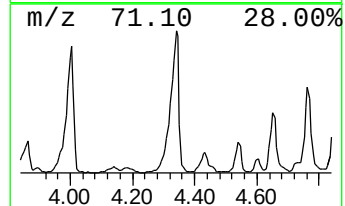
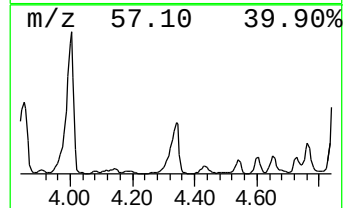
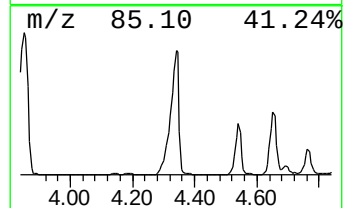
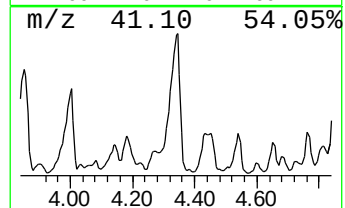
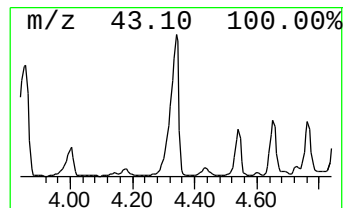
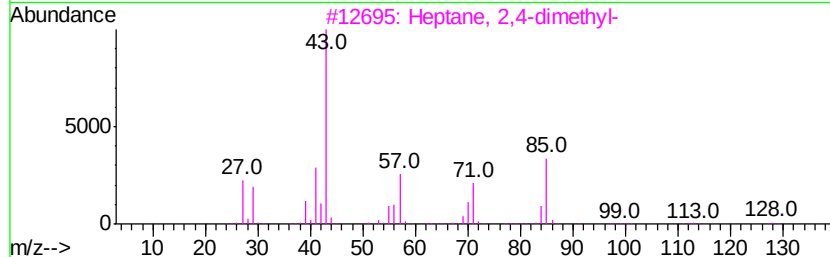
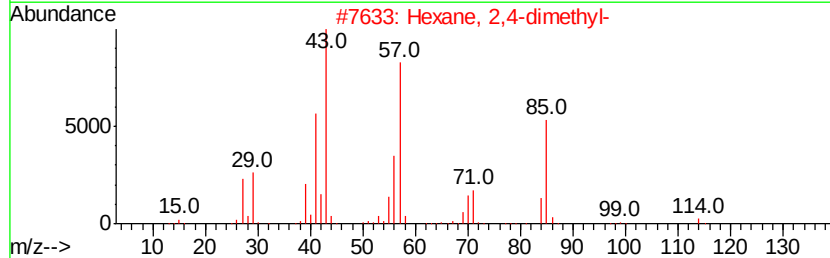
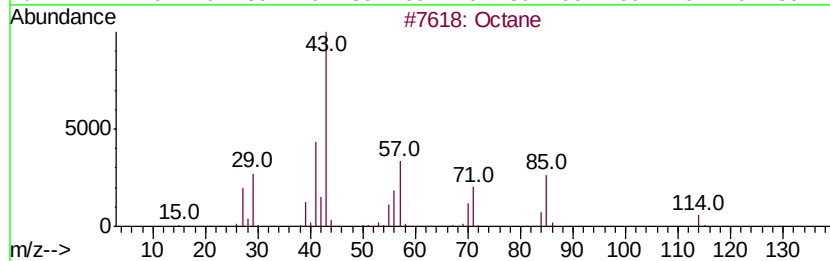
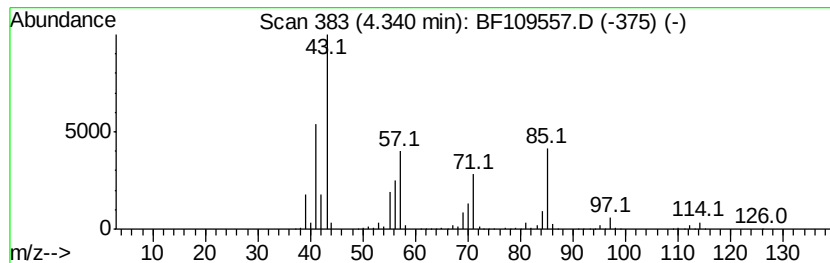
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	84.31 ng	7456150	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	91
2		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	81
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
4		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	64
5		Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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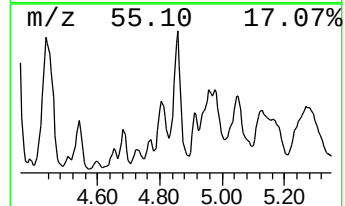
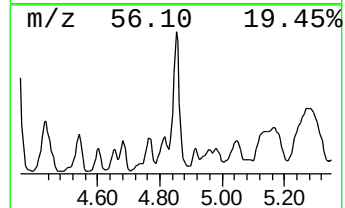
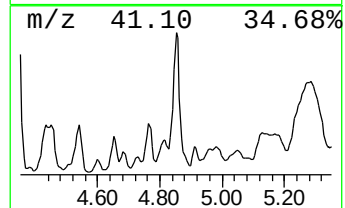
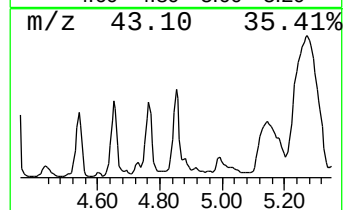
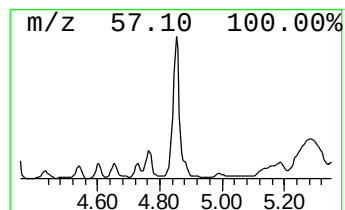
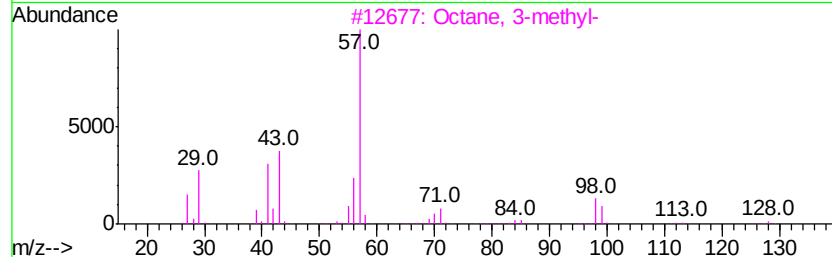
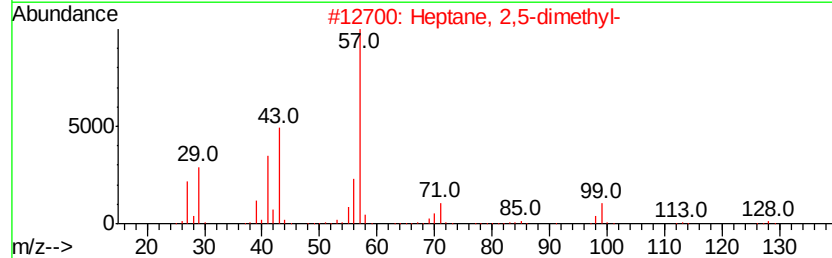
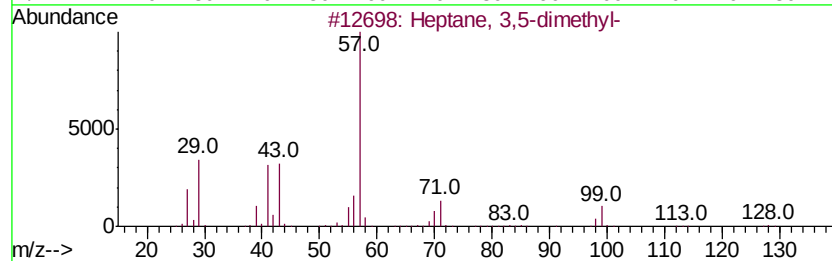
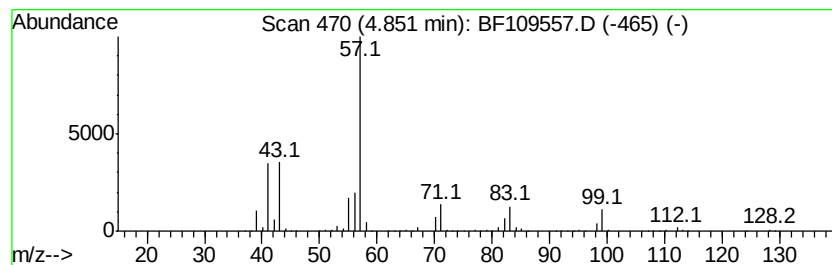
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptane, 3,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	62.19 ng	5499650	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	76
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
3		Octane, 3-methyl-	128	C9H20	002216-33-3	50
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109557.D
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Operator : JU/SJ
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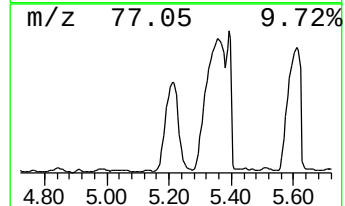
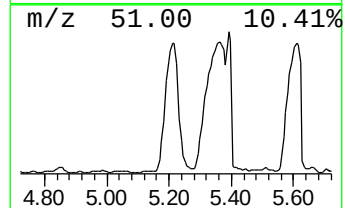
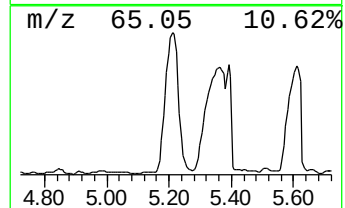
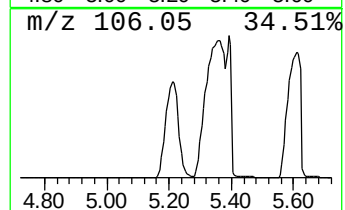
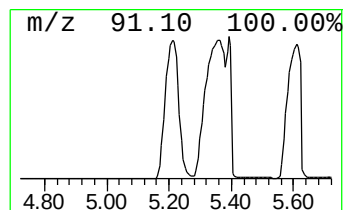
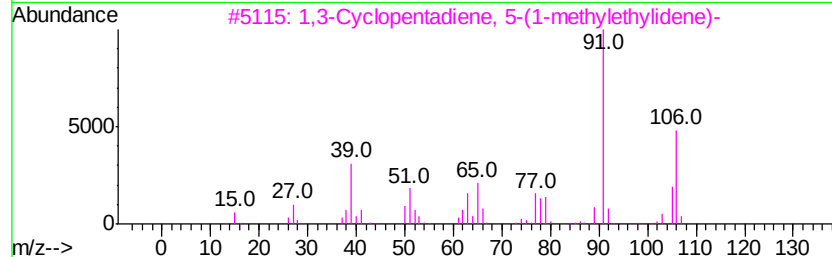
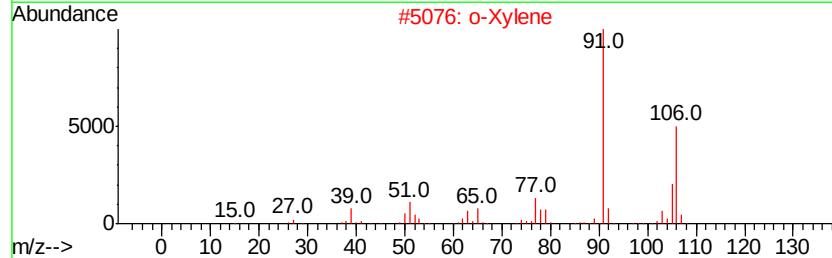
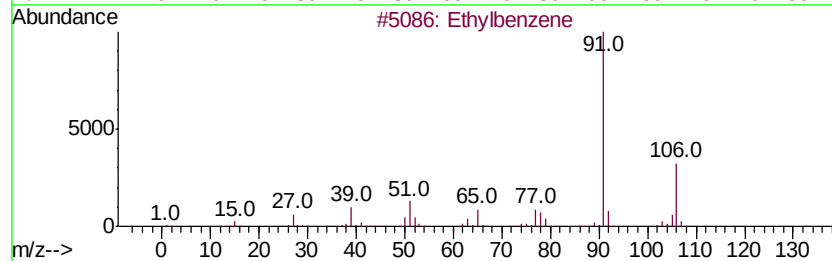
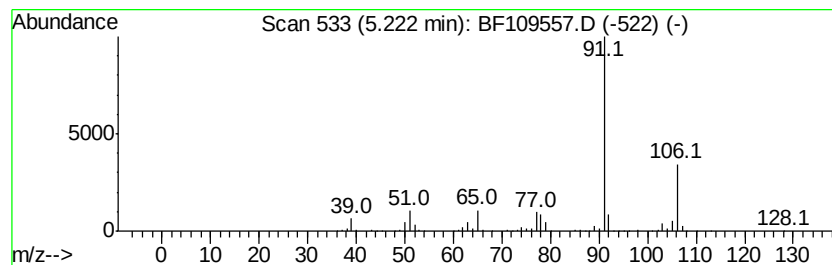
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Ethylbenzene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	247.02 ng	21846400	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethylbenzene	106	C8H10	000100-41-4	94
2		o-Xylene	106	C8H10	000095-47-6	80
3		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	72
4		p-Xylene	106	C8H10	000106-42-3	72
5		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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Acq On : 3 Oct 2018 20:02
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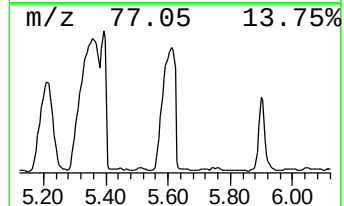
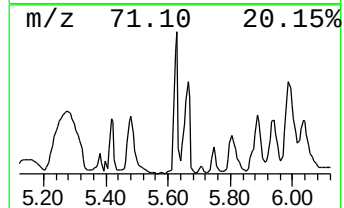
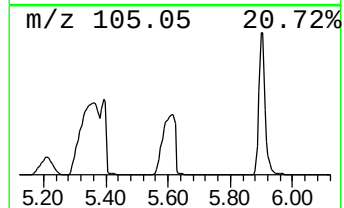
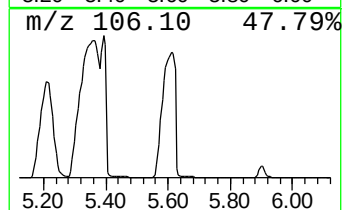
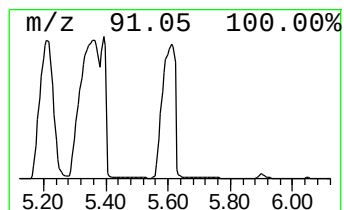
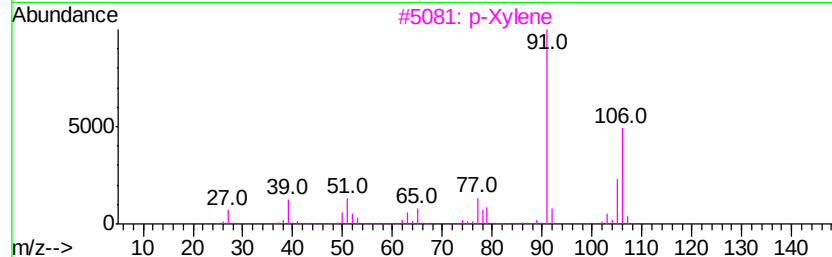
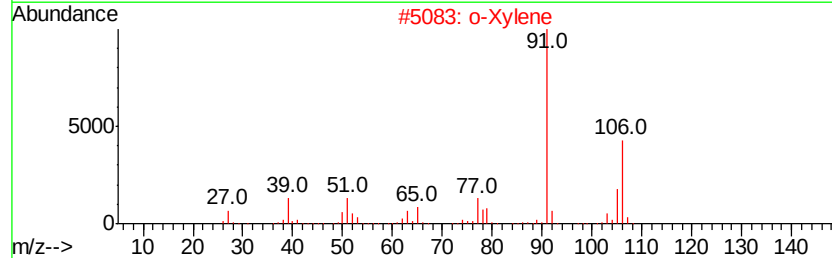
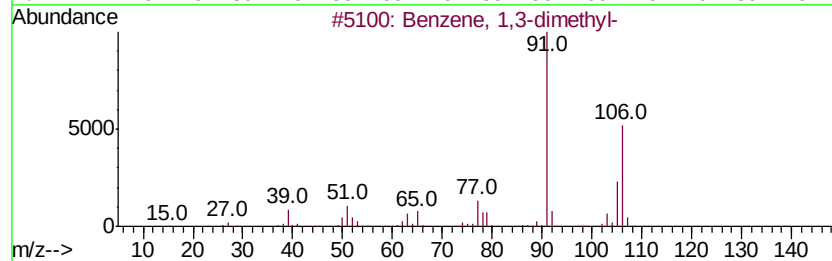
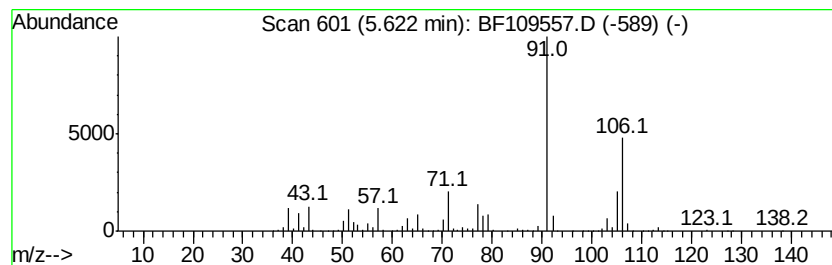
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	257.37 ng	22761300	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2		o-Xylene	106	C8H10	000095-47-6	95
3		p-Xylene	106	C8H10	000106-42-3	95
4		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	70
5		Ethylbenzene	106	C8H10	000100-41-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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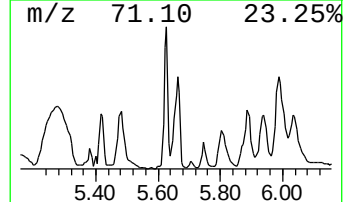
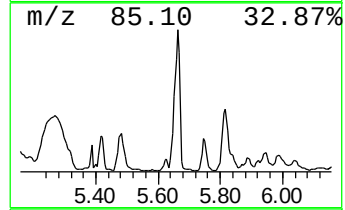
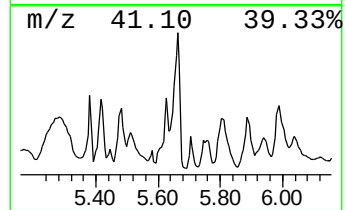
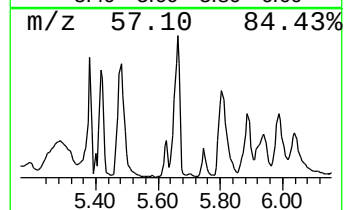
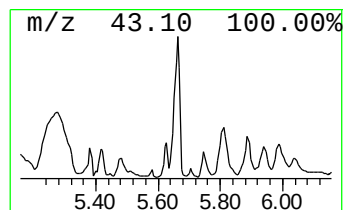
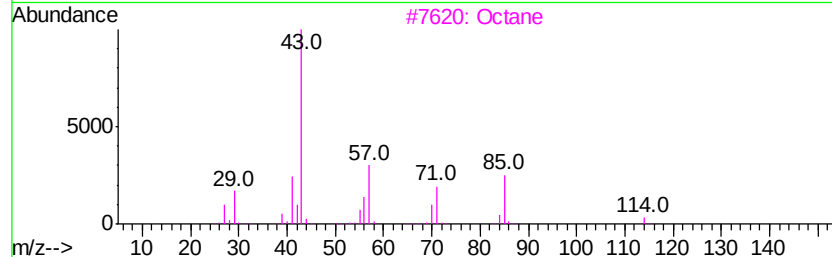
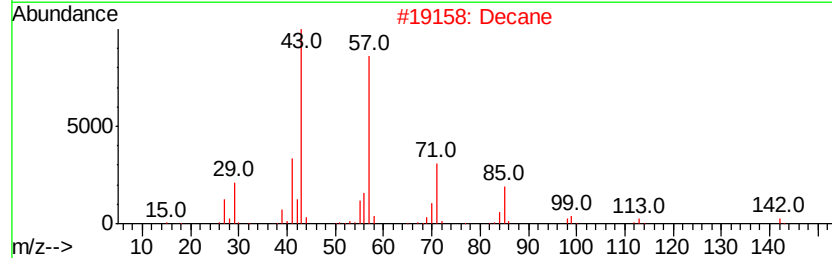
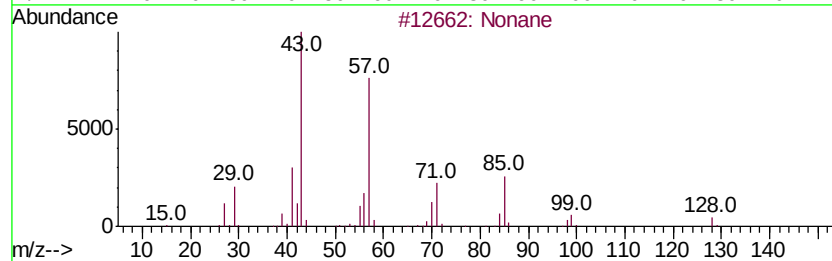
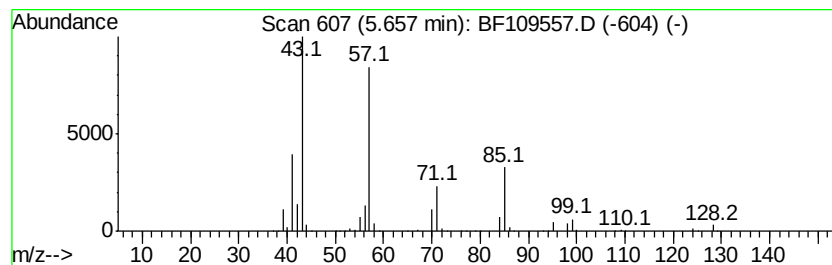
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	77.88 ng	6887660	1,4-Dichlorobenzene-d4	6.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane		128 C9H20	000111-84-2 95
2	Decane		142 C10H22	000124-18-5 78
3	Octane		114 C8H18	000111-65-9 64
4	Heptane, 2,4-dimethyl-		128 C9H20	002213-23-2 64
5	Hexane, 2,3,5-trimethyl-		128 C9H20	001069-53-0 59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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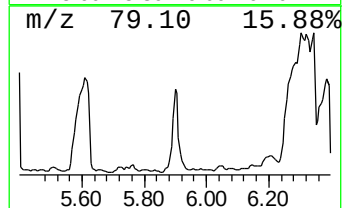
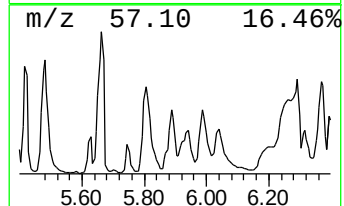
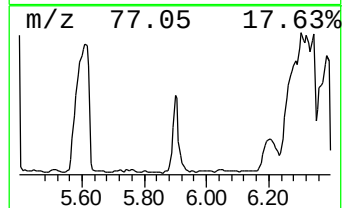
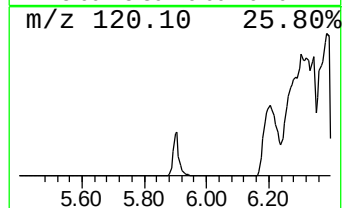
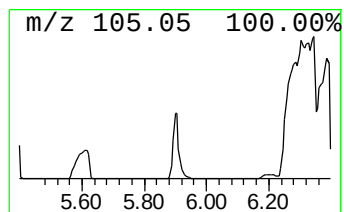
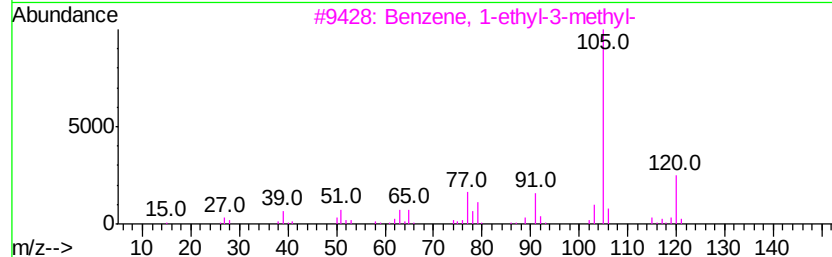
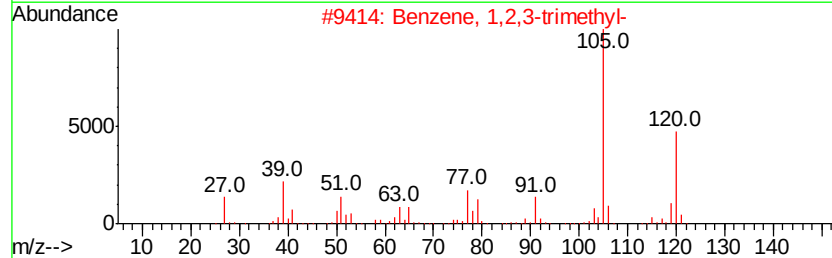
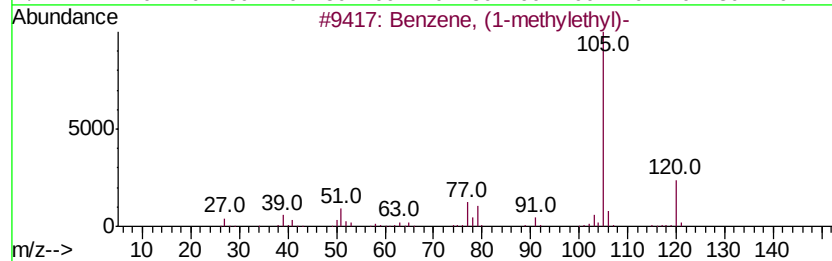
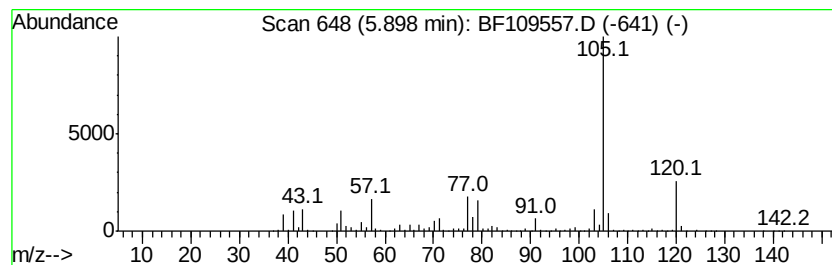
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, (1-methylethyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	89.20 ng	7888580	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	68
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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ClientSampleId :
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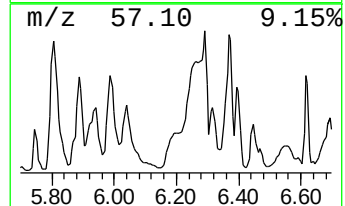
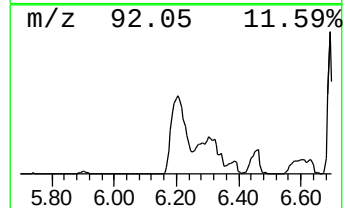
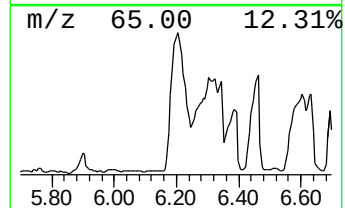
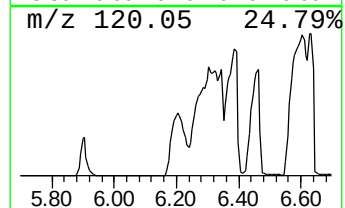
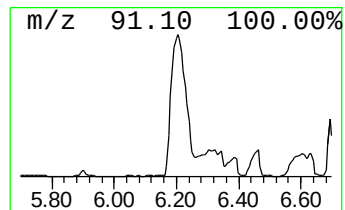
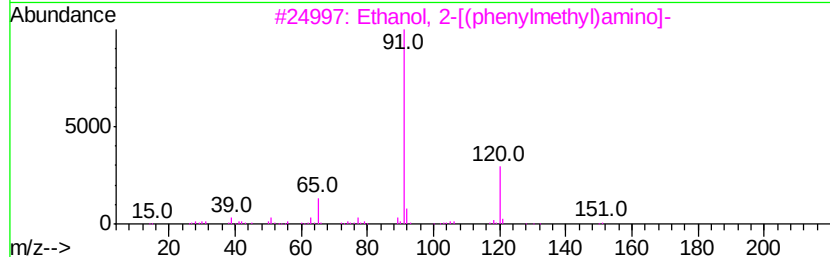
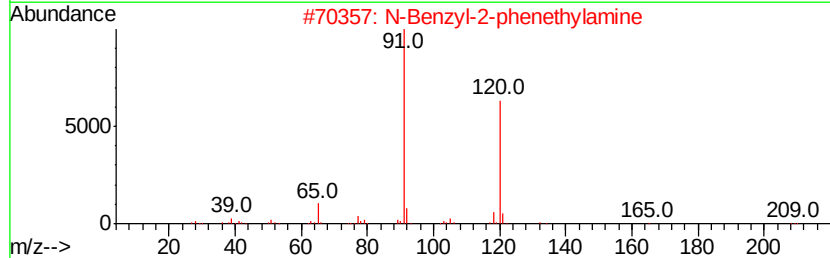
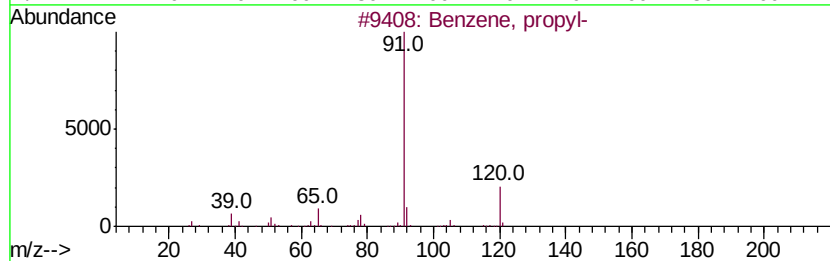
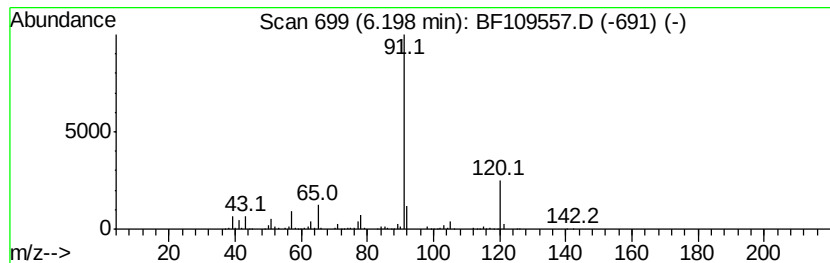
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	179.73 ng	15895600	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	90
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	74
3		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4		1,2-Ethanediamine, N,N'-bis(phen...)	240	C16H20N2	000140-28-3	64
5		Propanenitrile, 3-[(phenylmethyl)...	160	C10H12N2	000706-03-6	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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Acq On : 3 Oct 2018 20:02
Operator : JU/SJ
Sample : J5084-05
Misc :
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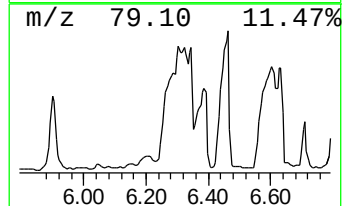
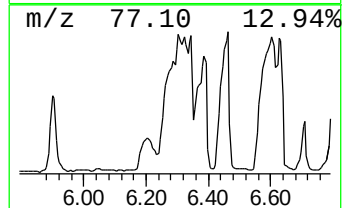
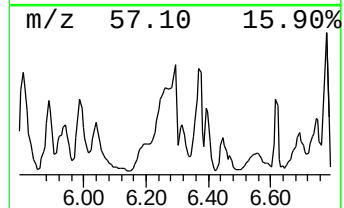
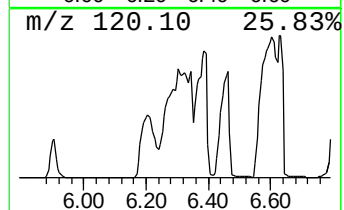
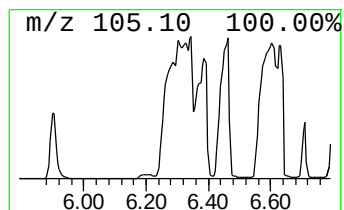
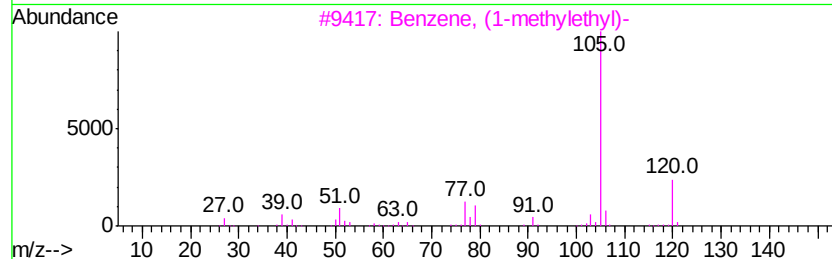
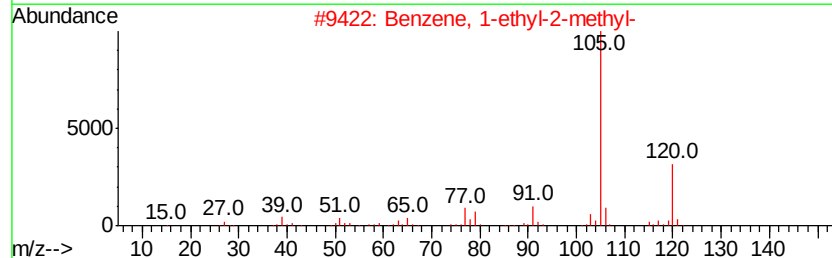
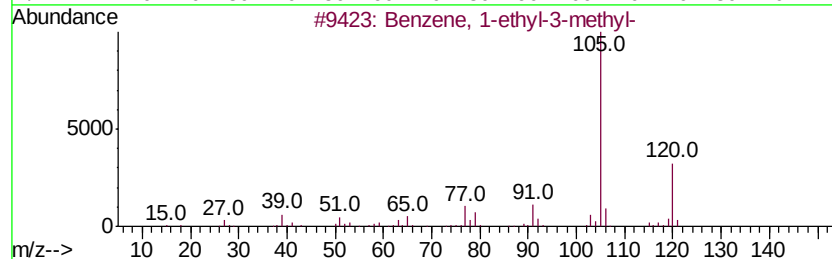
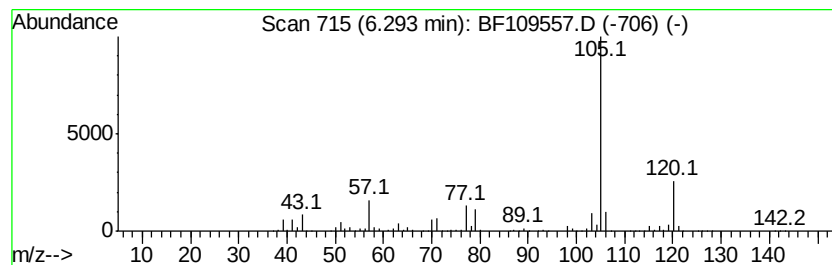
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.29	147.39 ng	13035500	1,4-Dichlorobenzene-d4	6.75		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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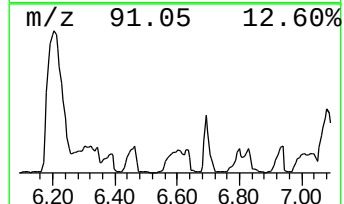
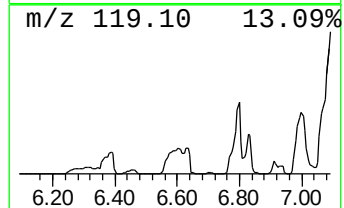
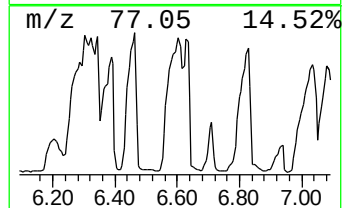
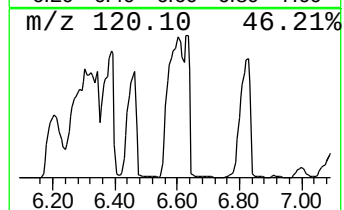
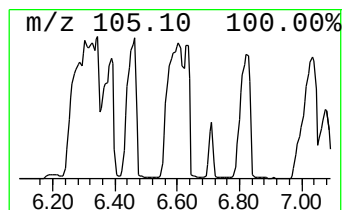
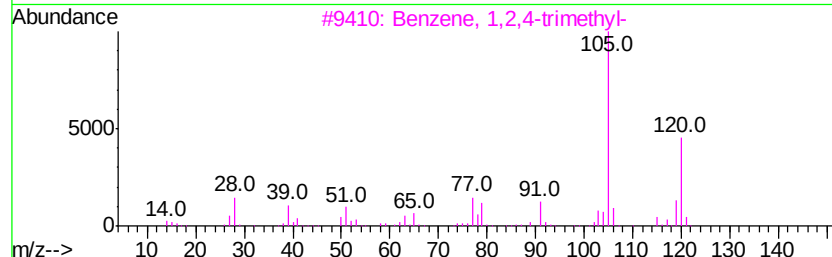
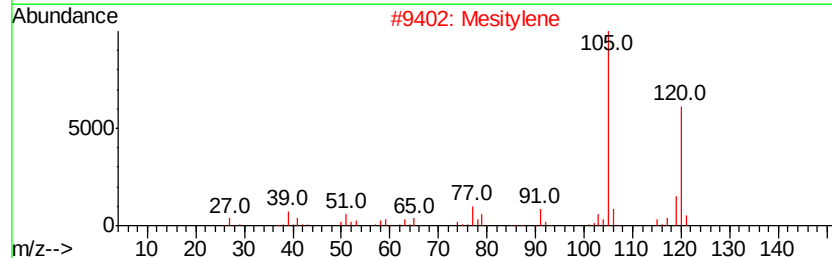
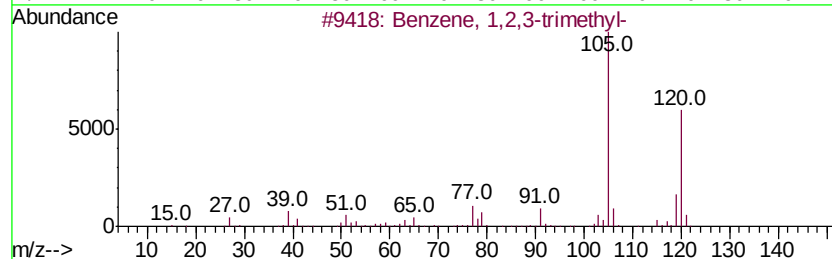
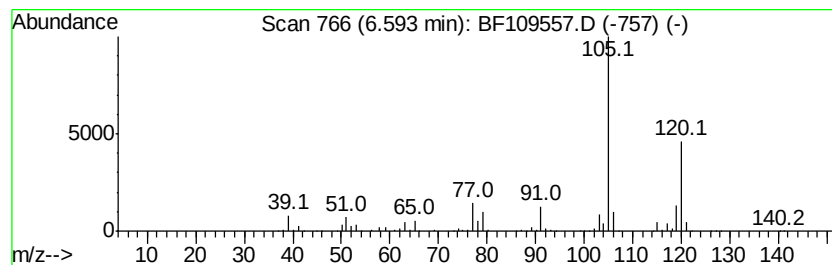
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	167.39 ng	14803600	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
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:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109557.D
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Operator : JU/SJ
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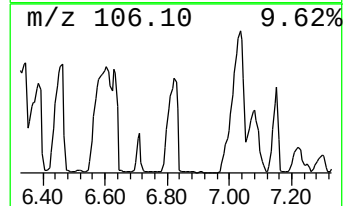
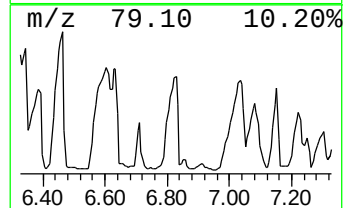
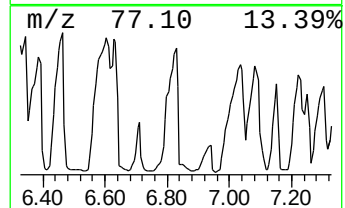
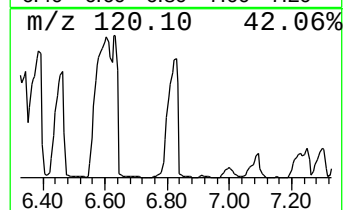
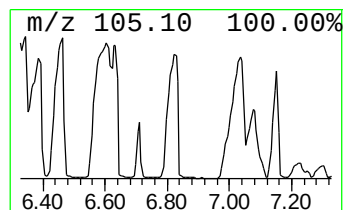
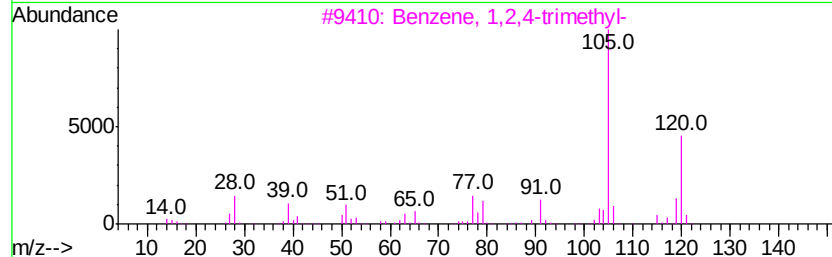
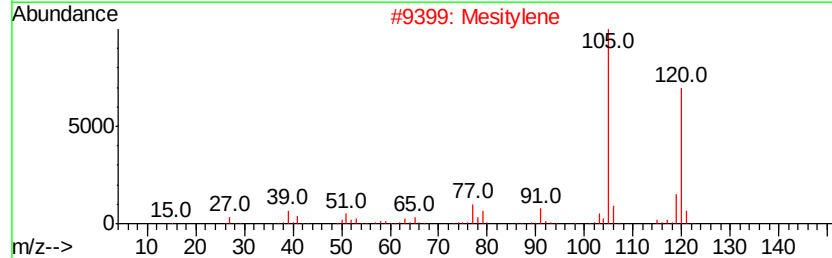
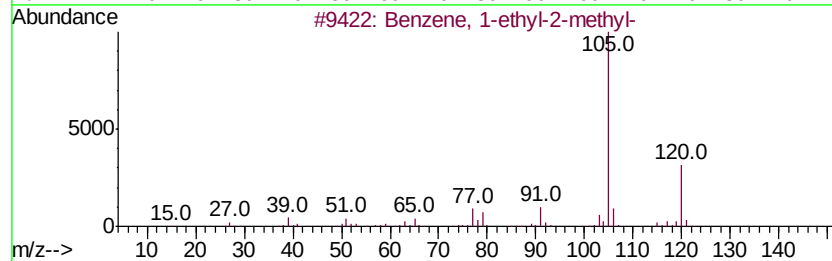
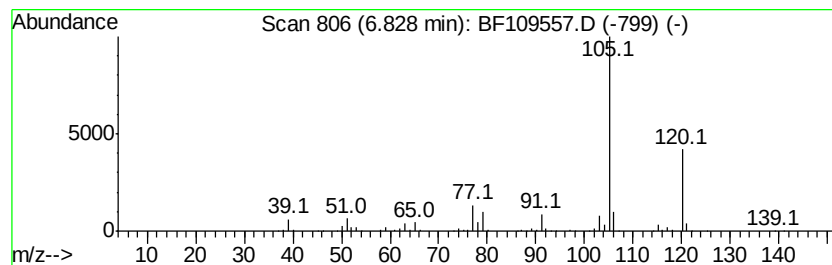
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	136.04 ng	12031400	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2		Mesitylene	120	C9H12	000108-67-8	91
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:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109557.D
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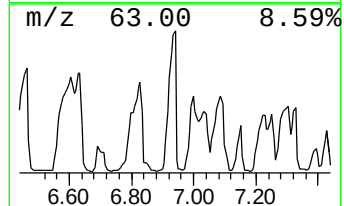
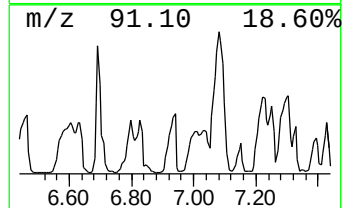
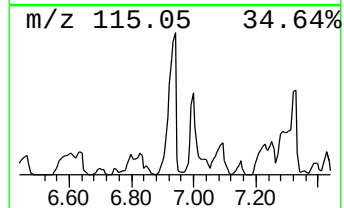
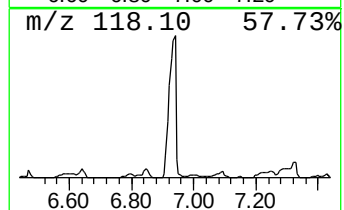
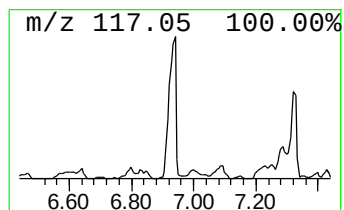
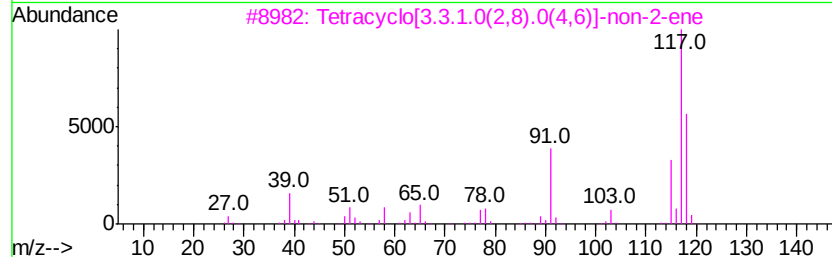
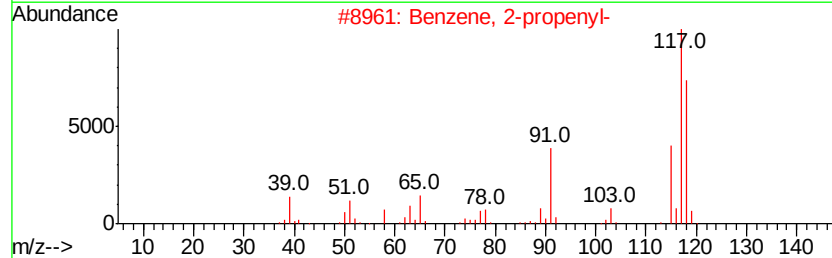
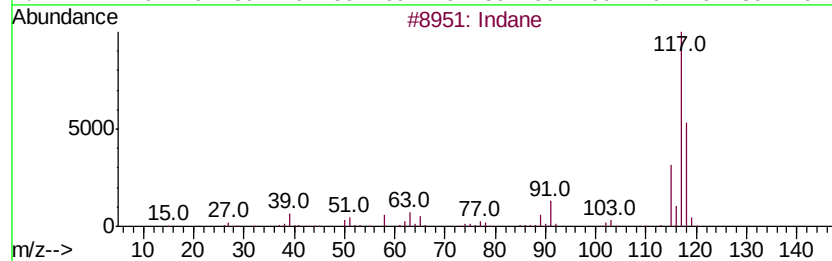
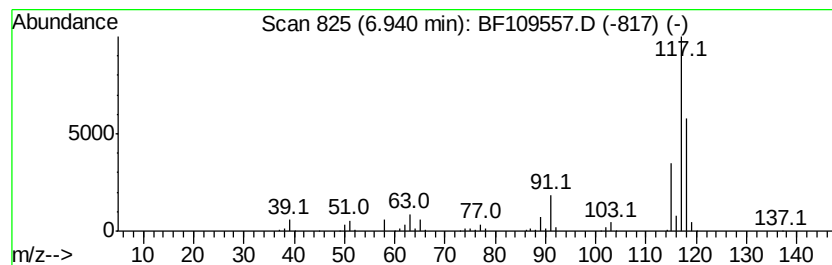
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	127.01 ng	11232800	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	93
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	80
4		Deltacyclene	118	C9H10	007785-10-6	72
5		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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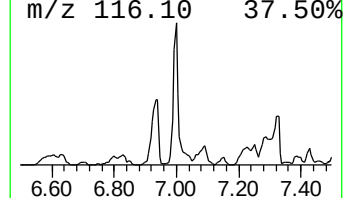
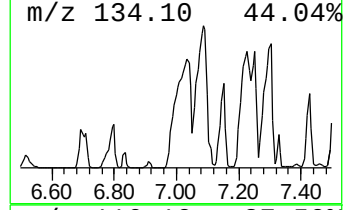
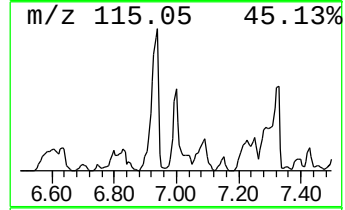
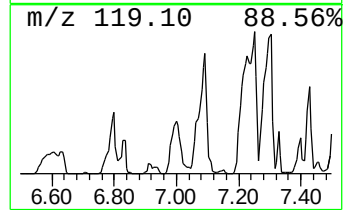
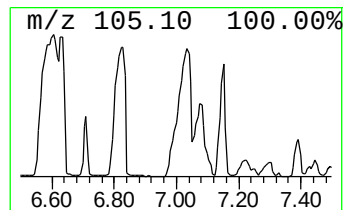
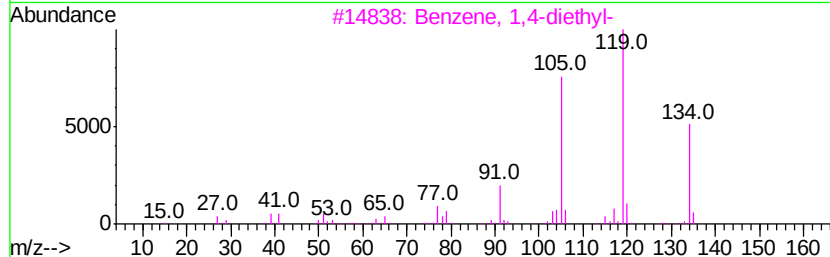
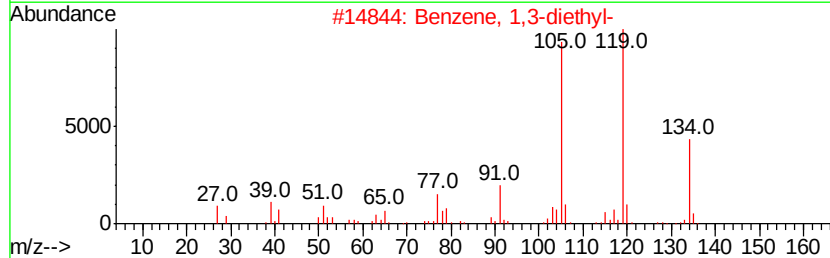
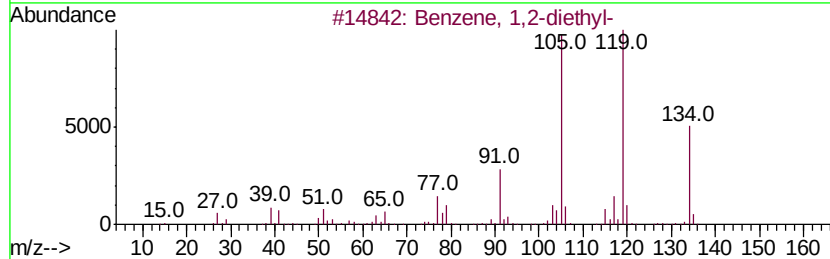
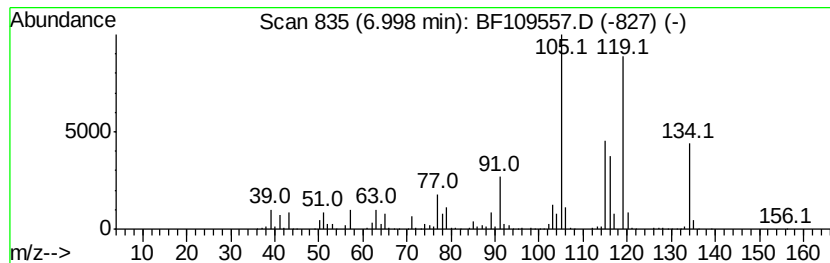
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzene, 1,2-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	106.20 ng	9392000	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	76
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	76
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	62
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	52



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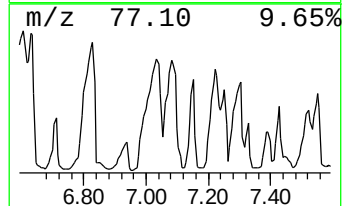
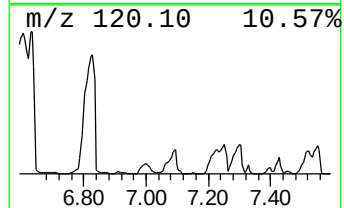
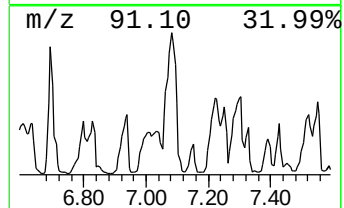
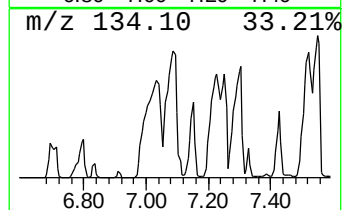
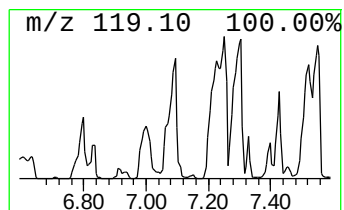
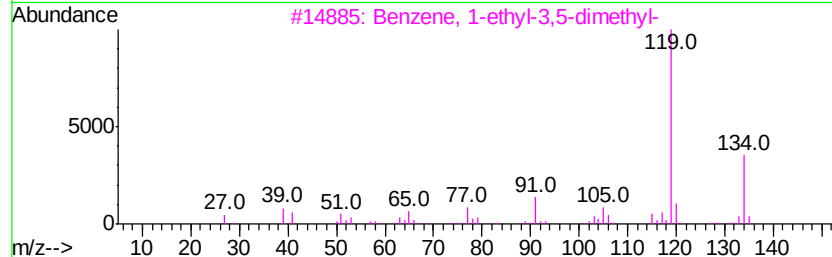
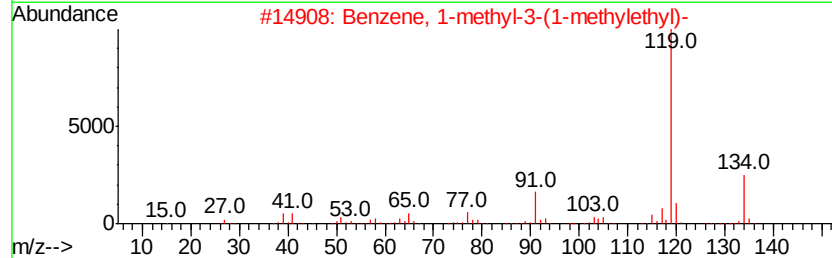
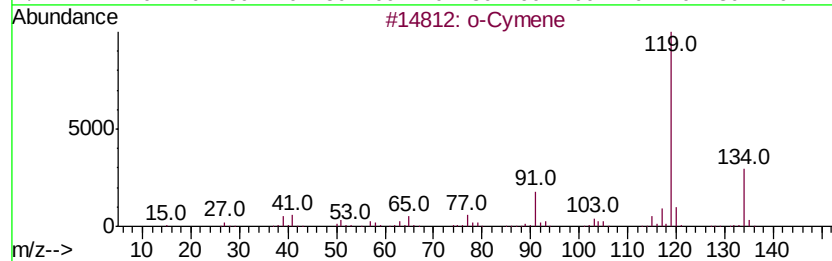
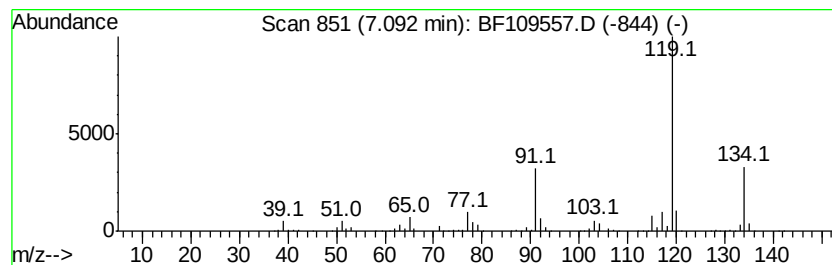
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	208.99 ng	18483000	1,4-Dichlorobenzene-d4	6.75

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	93
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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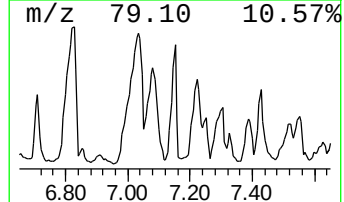
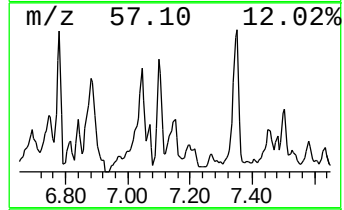
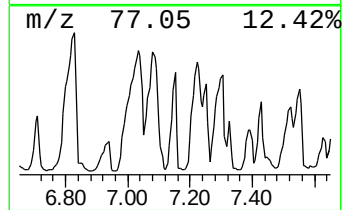
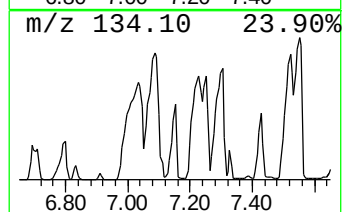
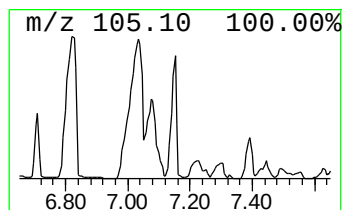
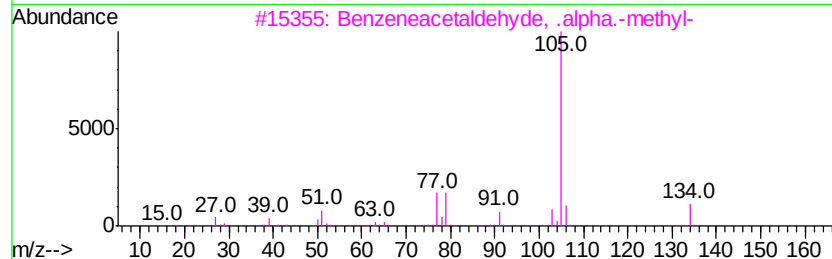
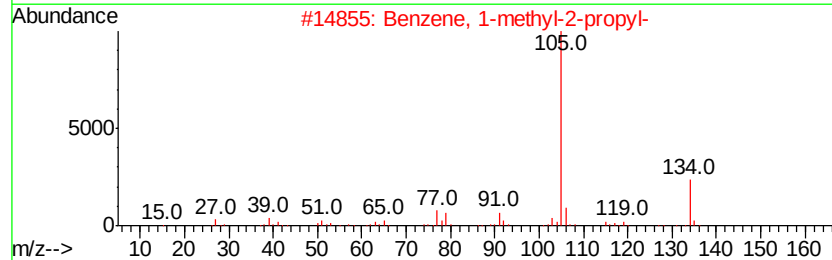
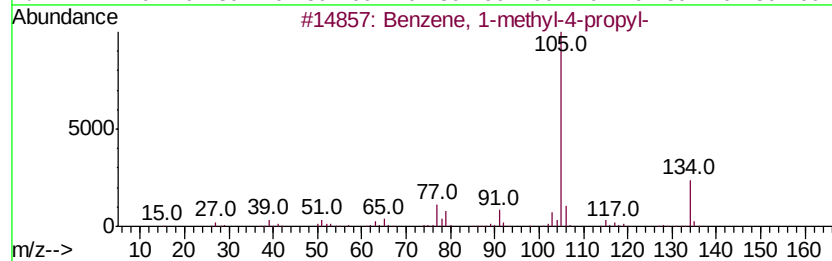
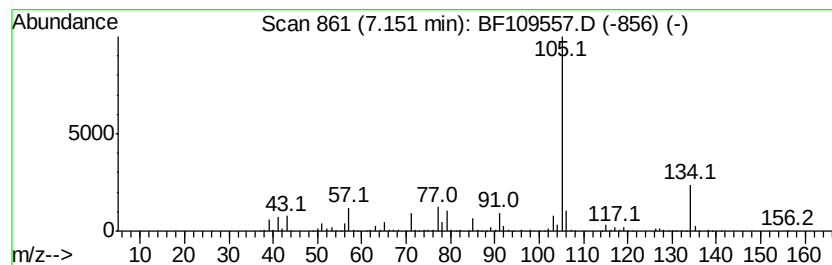
Instrument :
BNA_F
ClientSampled :
B-7(8-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	74.35 ng	6575670	1,4-Dichlorobenzene-d4	6.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methyl-4-propyl-	134 C10H14	001074-55-1 94
2		Benzene, 1-methyl-2-propyl-	134 C10H14	001074-17-5 76
3		Benzeneacetaldehyde, .alpha.-met...	134 C9H10O	000093-53-8 68
4		Benzene, 1-methyl-3-propyl-	134 C10H14	001074-43-7 64
5		2-Tolylloxirane	134 C9H10O	002783-26-8 58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109557.D
Acq On : 3 Oct 2018 20:02
Operator : JU/SJ
Sample : J5084-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-7(8-8.5)

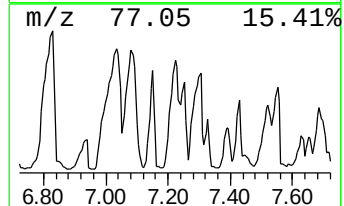
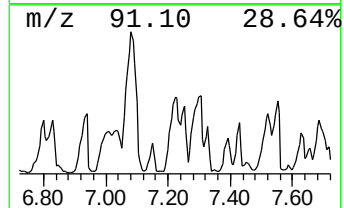
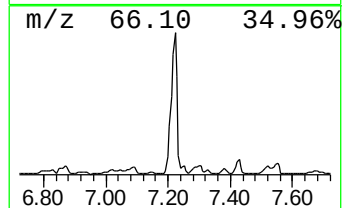
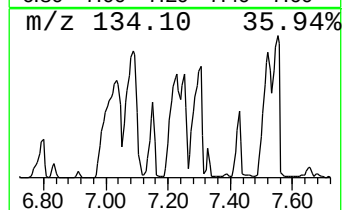
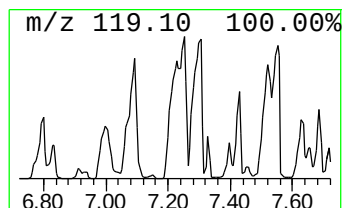
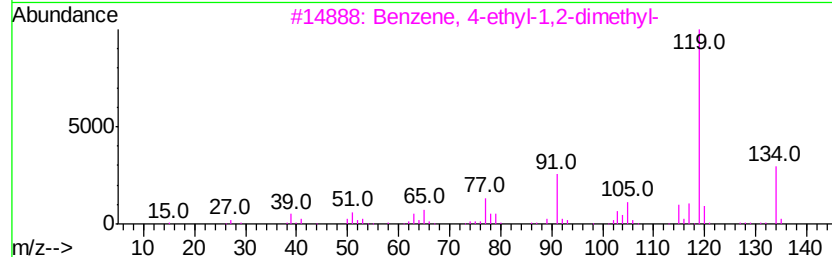
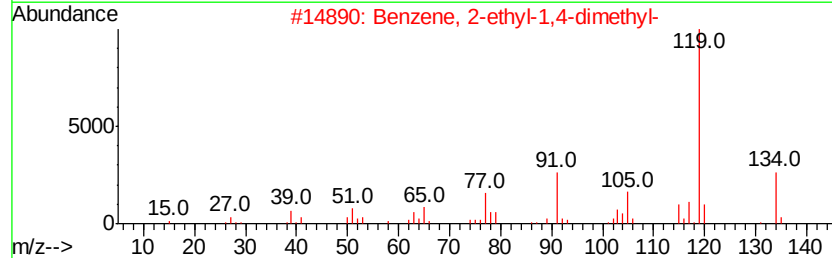
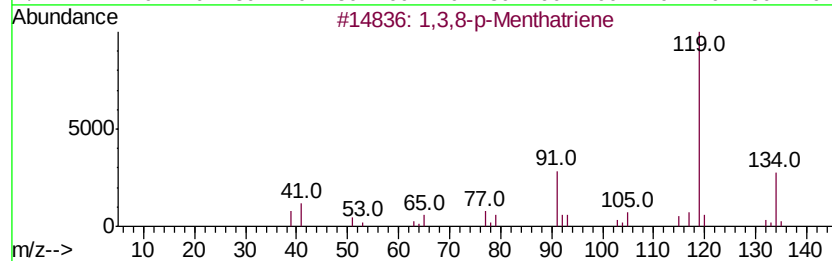
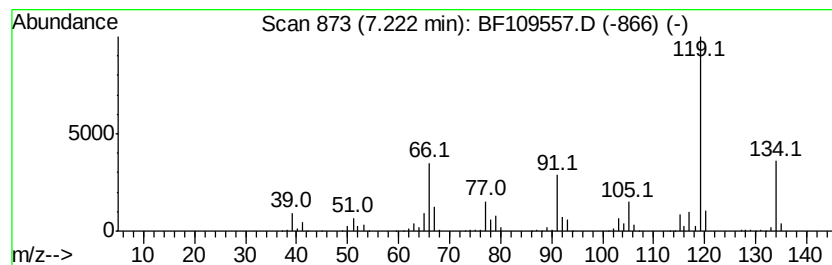
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,3,8-p-Menthatriene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	149.14 ng	13189800	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	91
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		p-Cymene	134	C10H14	000099-87-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109557.D
 Acq On : 3 Oct 2018 20:02
 Operator : JU/SJ
 Sample : J5084-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-7(8-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
Pentane, 2,3,4-tr...	3.32	90.2	ng	7976500	1	6.75	1768790	20.0
Pentane, 2,3,3-tr...	3.48	60.3	ng	5329760	1	6.75	1768790	20.0
Heptane, 3-methyl-	3.85	68.3	ng	6044110	1	6.75	1768790	20.0
Octane	4.34	84.3	ng	7456150	1	6.75	1768790	20.0
Heptane, 3,5-dime...	4.85	62.2	ng	5499650	1	6.75	1768790	20.0
Ethylbenzene	5.22	247.0	ng	21846400	1	6.75	1768790	20.0
Benzene, 1,3-dime...	5.62	257.4	ng	22761300	1	6.75	1768790	20.0
Nonane	5.66	77.9	ng	6887660	1	6.75	1768790	20.0
Benzene, (1-methy...	5.90	89.2	ng	7888580	1	6.75	1768790	20.0
Benzene, propyl-	6.20	179.7	ng	15895600	1	6.75	1768790	20.0
Benzene, 1-ethyl-...	6.29	147.4	ng	13035500	1	6.75	1768790	20.0
Benzene, 1,2,3-tr...	6.59	167.4	ng	14803600	1	6.75	1768790	20.0
Benzene, 1-ethyl-...	6.83	136.0	ng	12031400	1	6.75	1768790	20.0
Indane	6.94	127.0	ng	11232800	1	6.75	1768790	20.0
Benzene, 1,2-diet...	7.00	106.2	ng	9392000	1	6.75	1768790	20.0
o-Cymene	7.09	209.0	ng	18483000	1	6.75	1768790	20.0
Benzene, 1-methyl...	7.15	74.3	ng	6575670	1	6.75	1768790	20.0
1,3,8-p-Menthatriene	7.22	149.1	ng	13189800	1	6.75	1768790	20.0