

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
 Data File : BF112762.D
 Acq On : 28 Feb 2019 15:09
 Operator : JU/SJ
 Sample : K1341-07 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-022719-A

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-BF022719.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	5.316	545	549	551	rVV	510725	528809	3.90%	0.221%
2	5.339	551	553	559	rVB	1037096	943426	6.96%	0.394%
3	5.663	604	608	614	rBV	2069441	1926151	14.20%	0.805%
4	5.769	618	626	630	rBV2	460655	609764	4.50%	0.255%
5	5.910	644	650	654	rVB2	937260	1134431	8.36%	0.474%
6	5.963	654	659	663	rBV2	316528	572693	4.22%	0.239%
7	6.004	663	666	673	rVB2	2031010	2473207	18.24%	1.033%
8	6.063	673	676	678	rBV	673130	644064	4.75%	0.269%
9	6.204	693	700	704	rBV2	1123736	2078779	15.33%	0.868%
10	6.281	708	713	714	rBV2	1793678	2937186	21.66%	1.227%
11	6.351	722	725	731	rBV3	2710636	3348021	24.69%	1.399%
12	6.434	736	739	742	rVV2	1159707	1084860	8.00%	0.453%
13	6.504	746	751	755	rBV5	1640630	3316695	24.45%	1.386%
14	6.581	761	764	765	rBV	3940500	3276478	24.16%	1.369%
15	6.610	765	769	773	rVB	8347319	9194579	67.79%	3.841%
16	6.710	780	786	788	rBV4	1026746	1692361	12.48%	0.707%
17	6.751	791	793	795	rVB	1769571	1305086	9.62%	0.545%
18	6.781	795	798	801	rVB2	3751181	3424984	25.25%	1.431%
19	6.810	801	803	809	rBV3	2246356	3071578	22.65%	1.283%
20	6.857	809	811	813	rBV3	638994	615259	4.54%	0.257%
21	6.910	817	820	825	rBV4	3270289	3626191	26.74%	1.515%
22	6.945	825	826	828	rVB	1037108	552101	4.07%	0.231%
23	7.004	832	836	838	rBV4	1061855	1302990	9.61%	0.544%
24	7.033	838	841	845	rVB2	3202939	4266792	31.46%	1.783%
25	7.075	845	848	851	rVB2	4567942	4102247	30.25%	1.714%
26	7.110	851	854	858	rVB	2978534	3026497	22.31%	1.264%
27	7.151	858	861	864	rBV	5208411	4993300	36.82%	2.086%
28	7.186	864	867	871	rVB4	474558	512391	3.78%	0.214%
29	7.222	871	873	875	rBV	1001048	802089	5.91%	0.335%
30	7.245	875	877	880	rVB	1320780	994600	7.33%	0.416%
31	7.292	881	885	888	rBV3	3163145	4249766	31.33%	1.776%
32	7.375	895	899	901	rVB	8946698	10870847	80.15%	4.542%
33	7.410	901	905	908	rVB4	2544663	3549252	26.17%	1.483%
34	7.445	908	911	913	rBV2	1214273	1350129	9.95%	0.564%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.481	913	917	920	rVB3	2048095	2332771	17.20%	0.975%
36	7.528	920	925	927	rBV4	1289376	1883621	13.89%	0.787%
37	7.557	927	930	936	rVB4	2966706	4799303	35.39%	2.005%
38	7.669	942	949	950	rBV3	2781587	3853917	28.42%	1.610%
39	7.733	957	960	963	rBV3	2012317	2461689	18.15%	1.028%
40	7.769	963	966	969	rVV4	3292969	4324167	31.88%	1.807%
41	7.804	969	972	975	rVB3	4357434	4618030	34.05%	1.929%
42	7.845	975	979	981	rBV2	2971767	2977360	21.95%	1.244%
43	7.875	982	984	987	rVB2	3025793	2933284	21.63%	1.225%
44	7.910	987	990	992	rBV	1311042	1122967	8.28%	0.469%
45	7.951	995	997	999	rVB3	657900	496248	3.66%	0.207%
46	7.986	1000	1003	1004	rBV2	1180253	1148404	8.47%	0.480%
47	7.998	1004	1005	1007	rVV	1340053	989396	7.30%	0.413%
48	8.045	1007	1013	1017	rVV4	8811281	13562658	100.00%	5.666%
49	8.092	1019	1021	1023	rVV2	1344162	1351289	9.96%	0.565%
50	8.116	1023	1025	1027	rVB	4172126	3085491	22.75%	1.289%
51	8.139	1027	1029	1032	rVB3	1046722	897516	6.62%	0.375%
52	8.169	1032	1034	1036	rVB3	1012178	749470	5.53%	0.313%
53	8.216	1036	1042	1043	rBV5	1180127	1769835	13.05%	0.739%
54	8.233	1043	1045	1047	rVB2	926264	606540	4.47%	0.253%
55	8.251	1047	1048	1051	rVB2	645226	497402	3.67%	0.208%
56	8.280	1051	1053	1055	rBV2	820901	644082	4.75%	0.269%
57	8.339	1058	1063	1066	rBV6	3256524	4515709	33.30%	1.887%
58	8.363	1066	1067	1070	rVB2	1513068	947800	6.99%	0.396%
59	8.392	1070	1072	1075	rBV2	2526029	2179481	16.07%	0.911%
60	8.428	1075	1078	1081	rBV3	3098054	2774286	20.46%	1.159%
61	8.475	1083	1086	1090	rBV3	4650172	4649053	34.28%	1.942%
62	8.545	1094	1098	1101	rBV2	3000998	2859768	21.09%	1.195%
63	8.586	1103	1105	1107	rBV2	600225	553893	4.08%	0.231%
64	8.651	1111	1116	1119	rBV	8143366	9471414	69.83%	3.957%
65	8.698	1121	1124	1127	rVB3	1917906	1629156	12.01%	0.681%
66	8.739	1127	1131	1135	rVB3	2355887	3509185	25.87%	1.466%
67	8.792	1137	1140	1142	rBV3	470495	634220	4.68%	0.265%
68	8.845	1146	1149	1150	rBV	1094825	1017664	7.50%	0.425%
69	8.922	1159	1162	1164	rBV2	1625203	1516271	11.18%	0.633%
70	8.951	1164	1167	1169	rVB4	1247208	1401376	10.33%	0.585%
71	9.004	1174	1176	1179	rVB2	2345919	1837895	13.55%	0.768%

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72	9.045	1179	1183	1185	rBV2	1615029	1939861	14.30%	0.810%
73	9.069	1185	1187	1190	rVB2	3772653	3247038	23.94%	1.357%
74	9.104	1190	1193	1199	rVB4	834827	815013	6.01%	0.341%
75	9.210	1206	1211	1214	rBV	7694794	8817394	65.01%	3.684%
76	9.286	1222	1224	1225	rVB2	693064	481725	3.55%	0.201%
77	9.363	1235	1237	1244	rVB4	916326	1642223	12.11%	0.686%
78	9.445	1249	1251	1253	rVV2	846180	998578	7.36%	0.417%
79	9.469	1253	1255	1258	rVB2	1544950	1645102	12.13%	0.687%
80	9.522	1258	1264	1266	rBV2	3366551	4343767	32.03%	1.815%
81	9.574	1271	1273	1275	rVB2	992900	812473	5.99%	0.339%
82	9.733	1296	1300	1303	rVB	6251884	5515464	40.67%	2.304%
83	9.780	1303	1308	1311	rBV3	1937276	2655687	19.58%	1.110%
84	9.957	1335	1338	1341	rBV3	665625	966850	7.13%	0.404%
85	9.986	1341	1343	1346	rVV2	889204	746973	5.51%	0.312%
86	10.051	1351	1354	1357	rVB3	1259344	1382262	10.19%	0.577%
87	10.227	1380	1384	1386	rVB	3758797	3423290	25.24%	1.430%
88	10.274	1390	1392	1397	rVB3	426653	497559	3.67%	0.208%
89	10.445	1417	1421	1424	rBV	1166158	1225872	9.04%	0.512%
90	10.557	1437	1440	1444	rVB3	965219	880291	6.49%	0.368%
91	10.692	1460	1463	1469	rBV	2658448	3355373	24.74%	1.402%
92	11.139	1536	1539	1542	rBV	1494638	1187513	8.76%	0.496%
93	11.168	1542	1544	1550	rVB	662613	601508	4.44%	0.251%
94	11.251	1555	1558	1561	rBV	1779034	1525934	11.25%	0.638%
95	11.563	1608	1611	1617	rVB	908593	722715	5.33%	0.302%
96	12.339	1740	1743	1745	rBV	1164023	1062780	7.84%	0.444%
97	12.363	1745	1747	1750	rVB	1016024	844183	6.22%	0.353%
98	12.827	1823	1826	1830	rBV	726921	680020	5.01%	0.284%
99	13.880	2001	2005	2008	rBV	1410767	1369940	10.10%	0.572%
100	15.292	2241	2245	2249	rVB	866562	987521	7.28%	0.413%

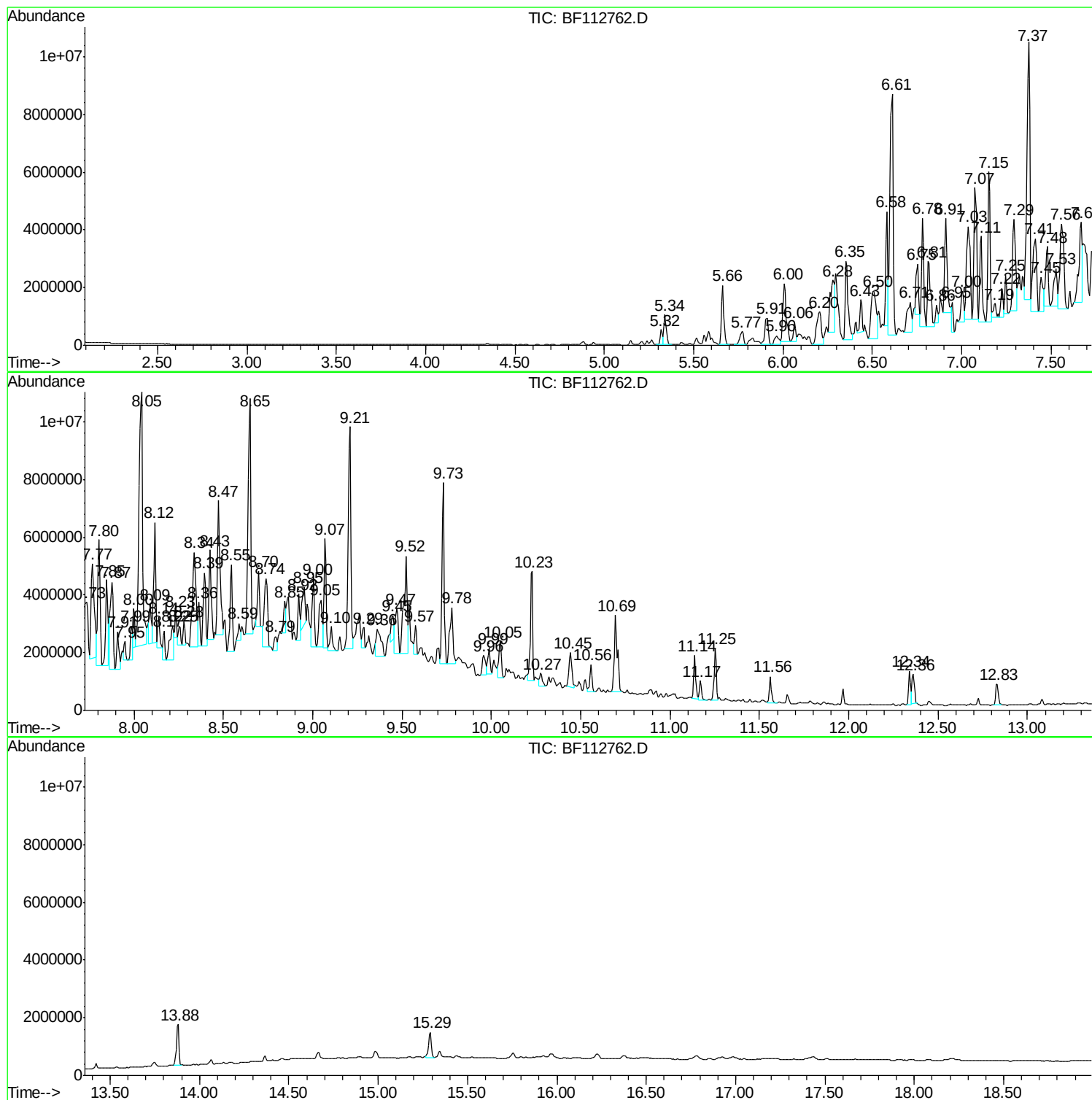
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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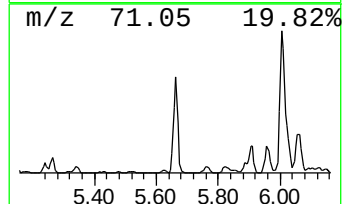
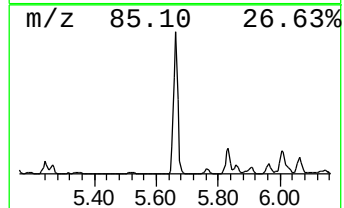
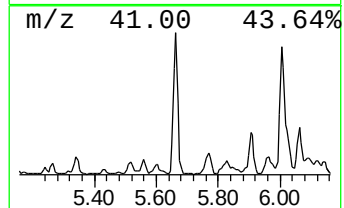
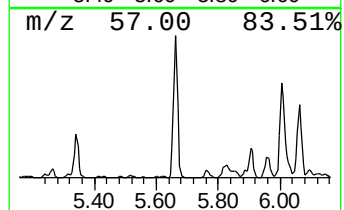
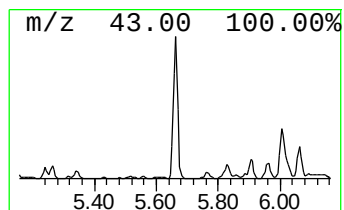
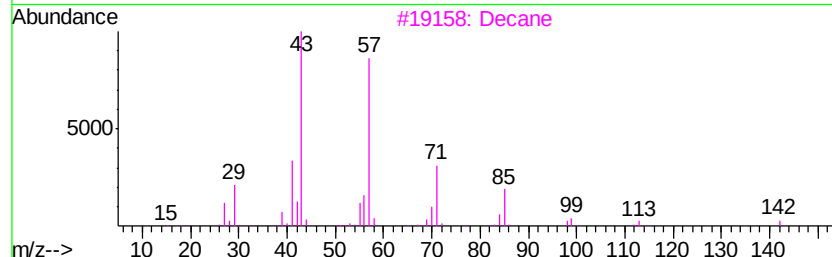
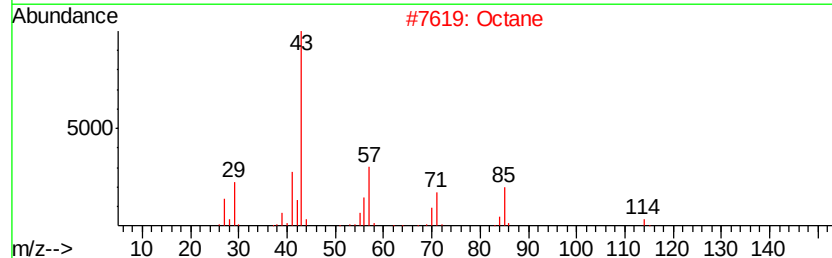
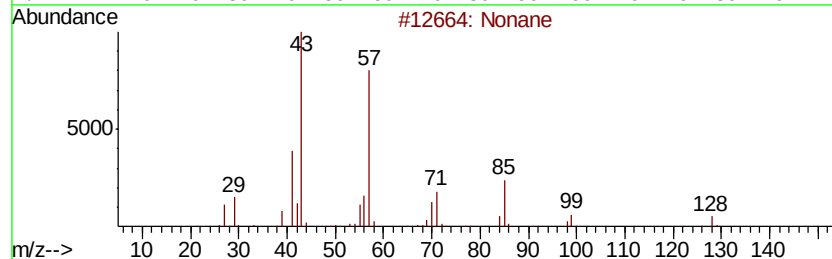
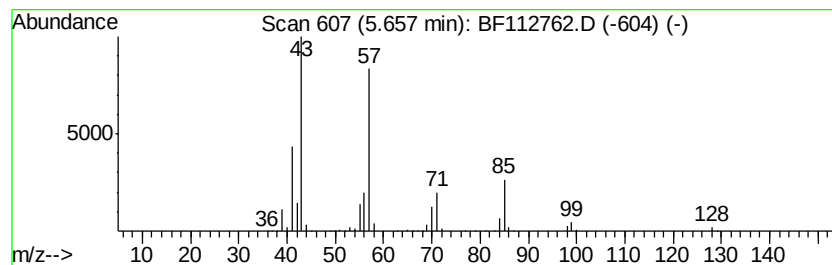
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	29.52 ng	1926150	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	91
2		Octane	114	C8H18	000111-65-9	64
3		Decane	142	C10H22	000124-18-5	64
4		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	53
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53



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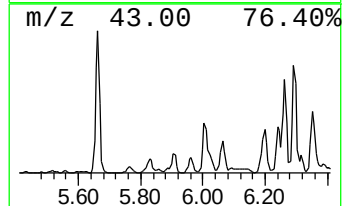
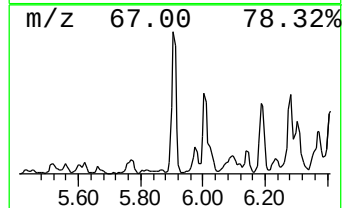
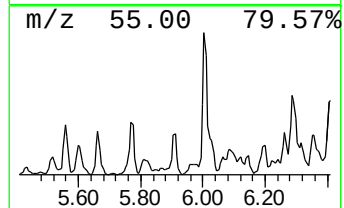
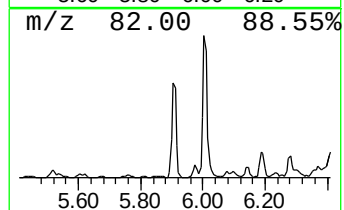
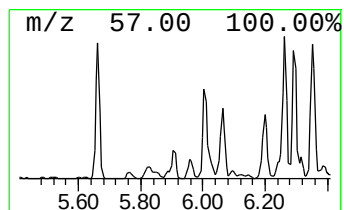
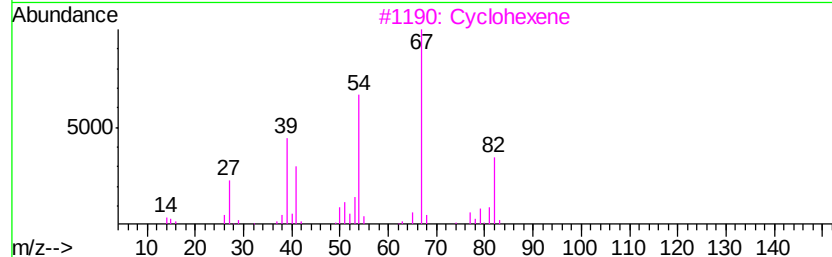
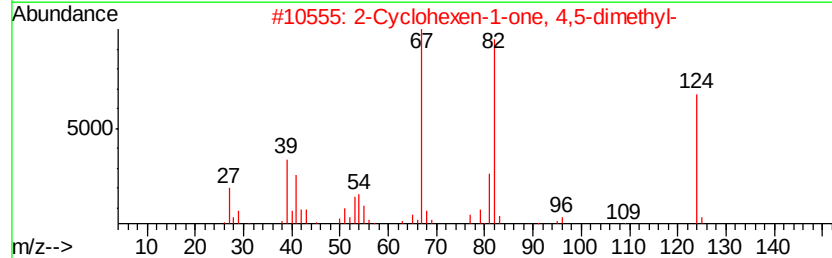
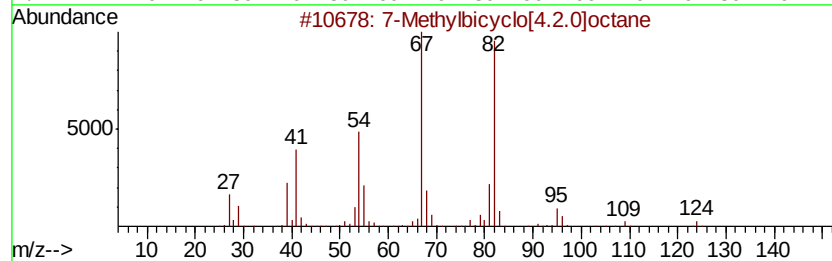
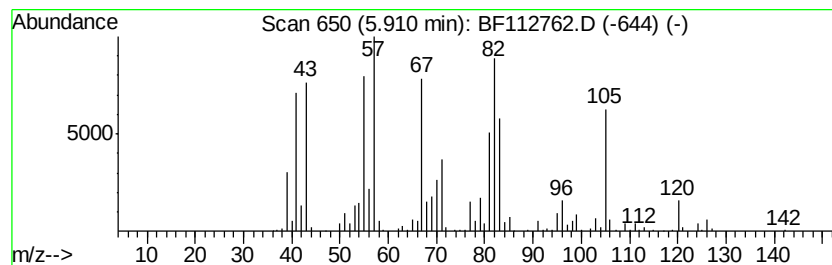
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.91 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.91	17.38 ng	1134430	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	46
2		2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	46
3		Cyclohexene	82	C6H10	000110-83-8	43
4		Ethylidenecyclobutane	82	C6H10	001528-21-8	43
5		2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	43



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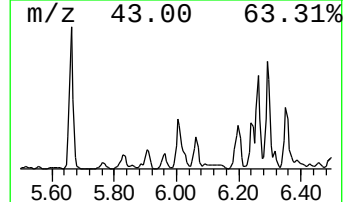
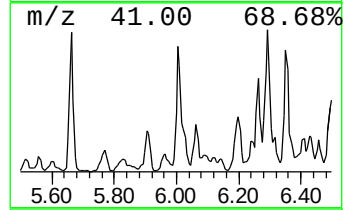
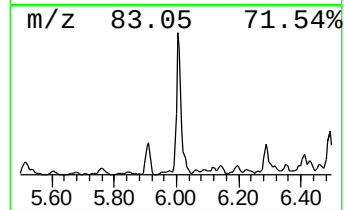
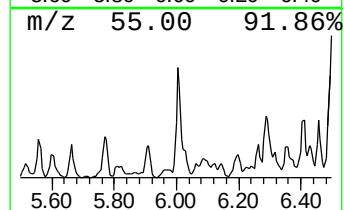
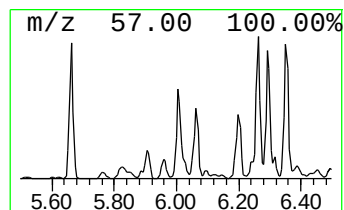
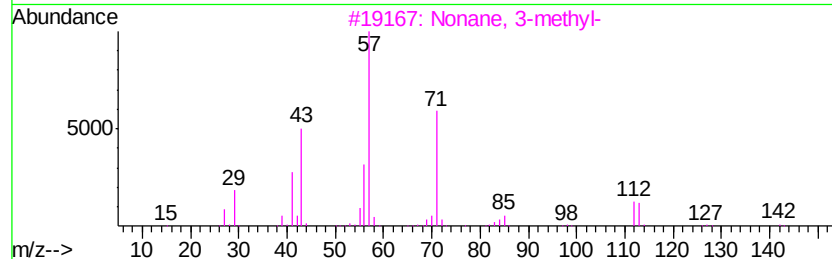
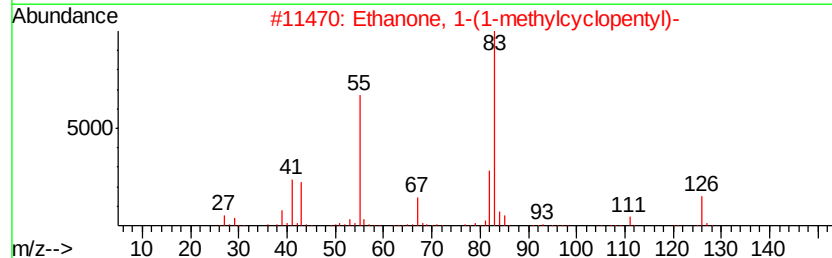
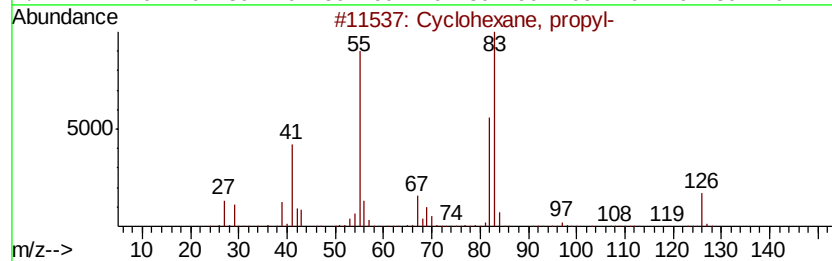
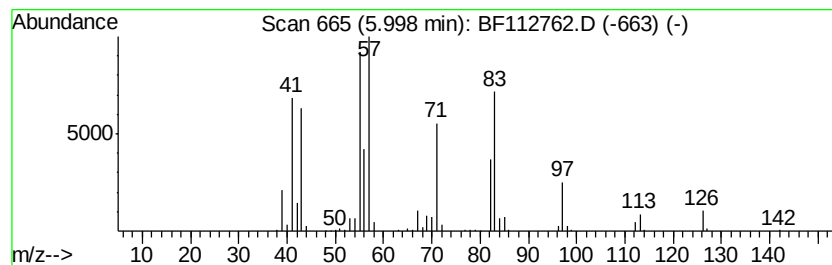
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ClientSampled :
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.00	37.90 ng	2473210	1,4-Dichlorobenzene-d4	6.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	55
2	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	38
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	38
4	Oxalic acid, cyclohexyl dodecyl ...	340	C20H36O4	1000309-31-4	35
5	1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	30



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Data File : BF112762.D
Acq On : 28 Feb 2019 15:09
Operator : JU/SJ
Sample : K1341-07 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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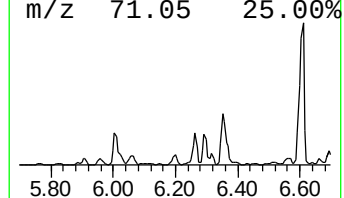
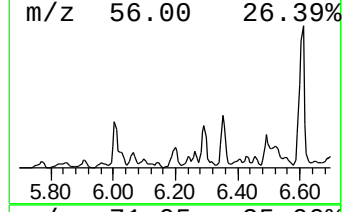
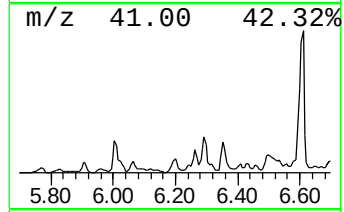
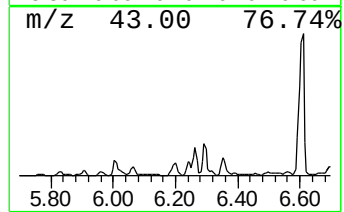
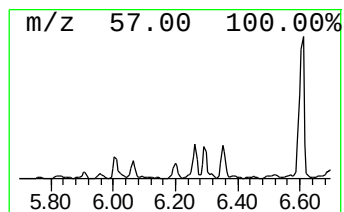
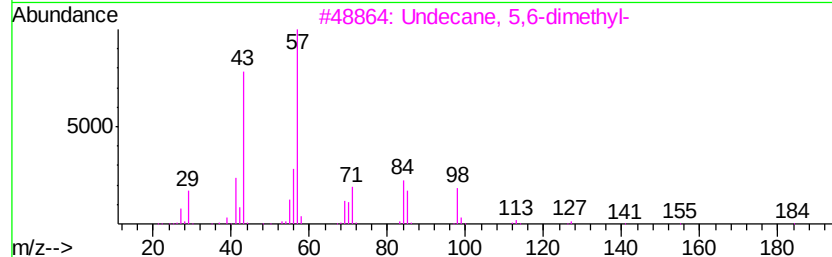
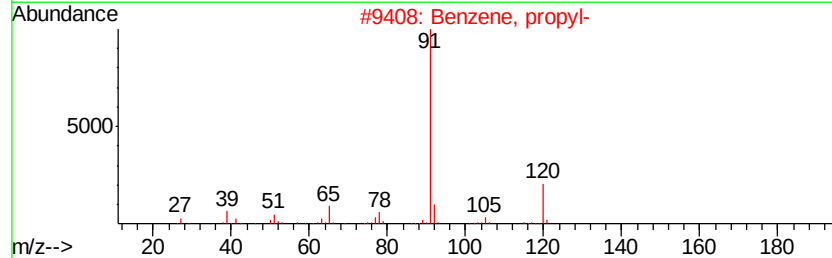
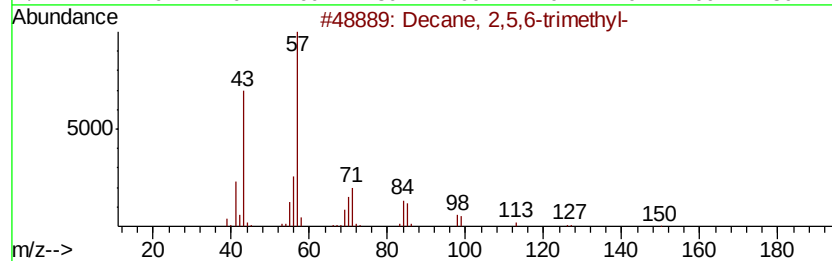
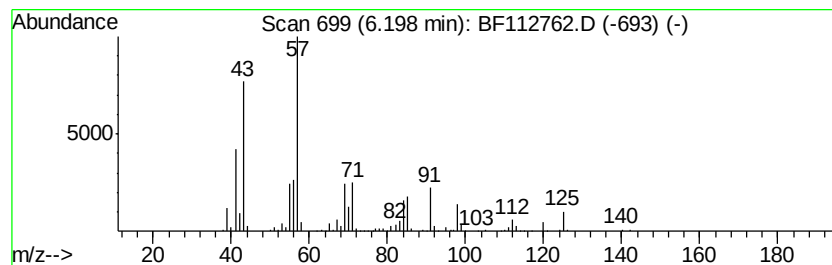
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.20 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	31.86 ng	2078780	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43
2		Benzene, propyl-	120	C9H12	000103-65-1	42
3		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	38
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	35
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	27



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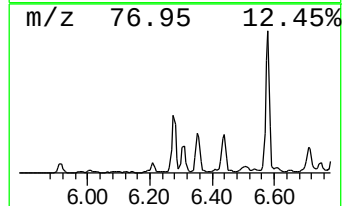
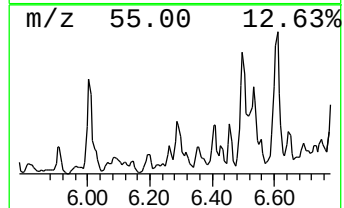
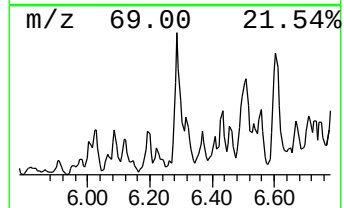
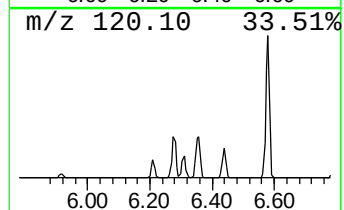
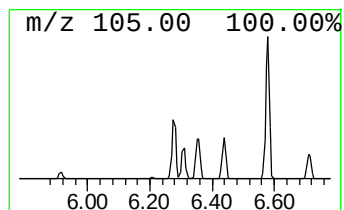
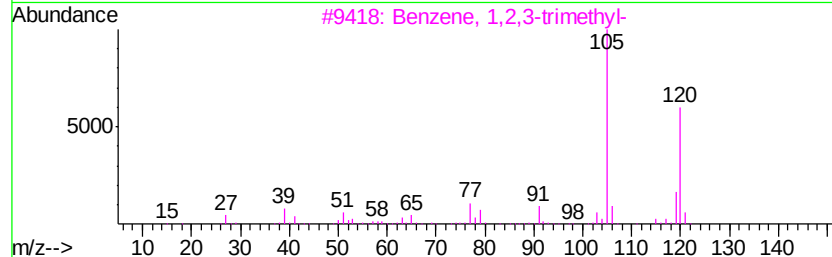
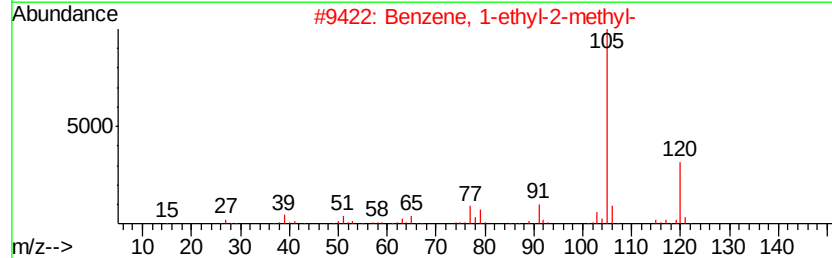
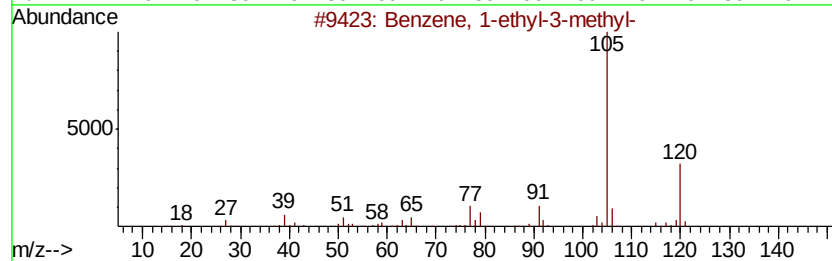
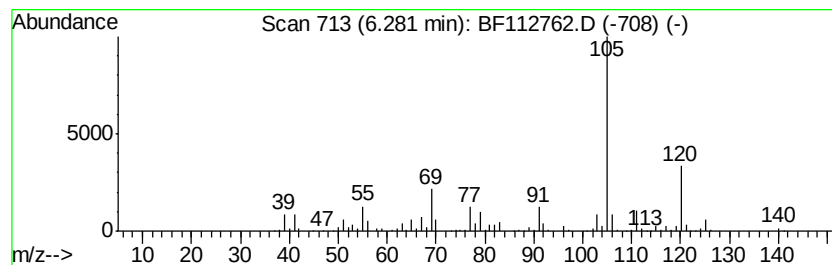
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.28	45.01 ng	2937190	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	94
2	Benzene, 1-ethyl-2-methyl-		120	C9H12	000611-14-3	94
3	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	87
4	Mesitylene		120	C9H12	000108-67-8	87
5	Benzene, 1-ethyl-4-methyl-		120	C9H12	000622-96-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
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Sample : K1341-07 5X
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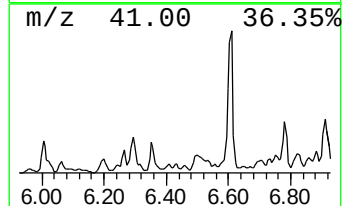
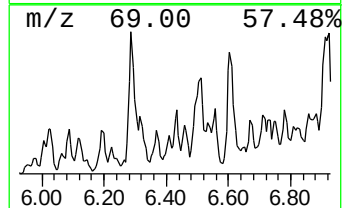
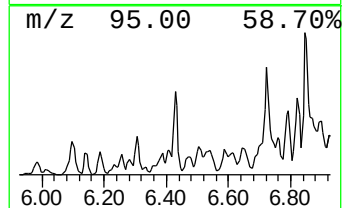
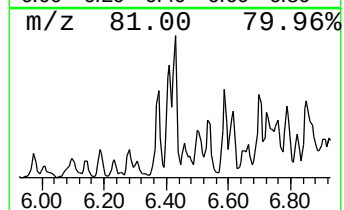
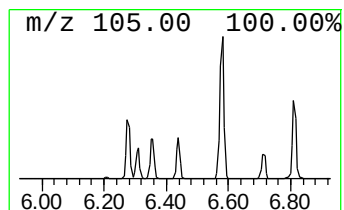
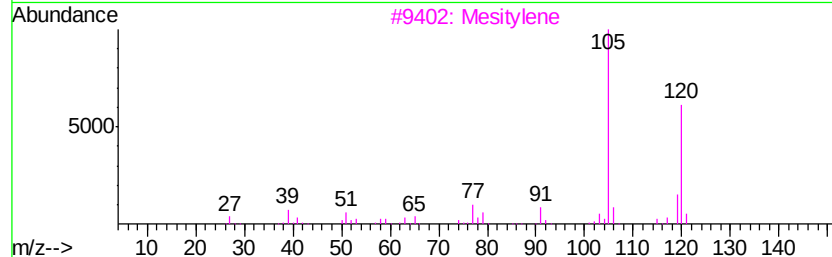
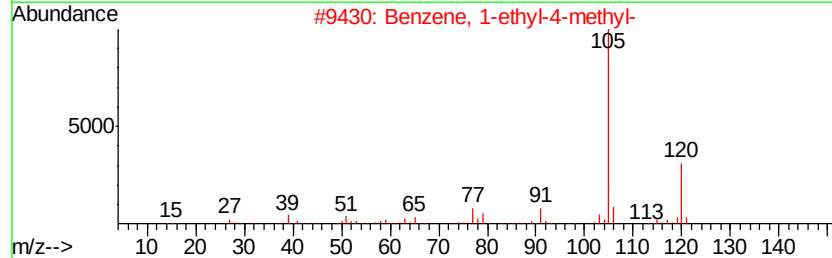
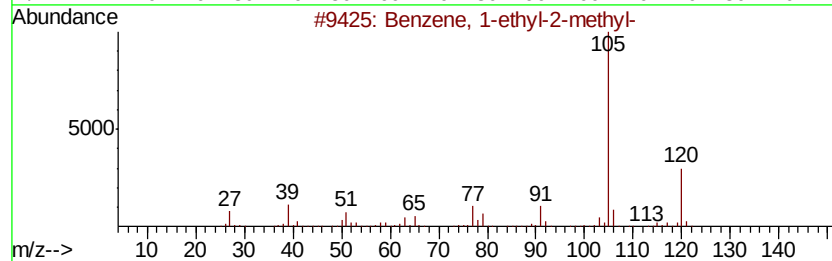
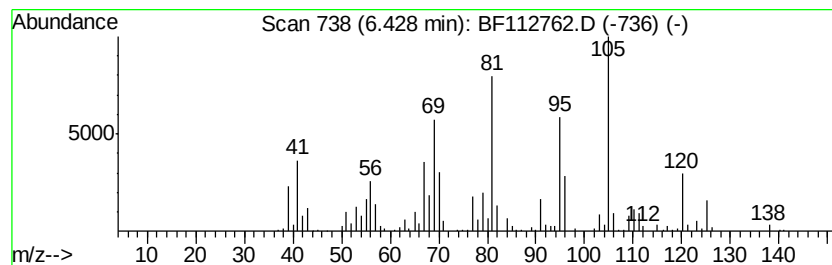
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.43	16.63 ng	1084860	1,4-Dichlorobenzene-d4	6.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
3	Mesitylene	120	C9H12	000108-67-8	81
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
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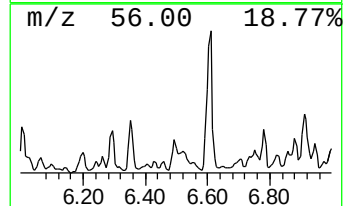
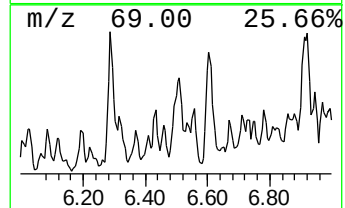
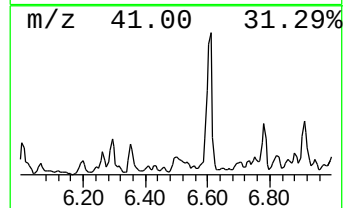
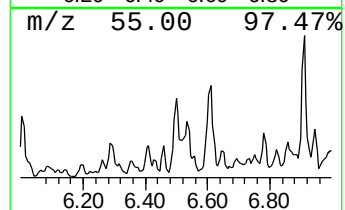
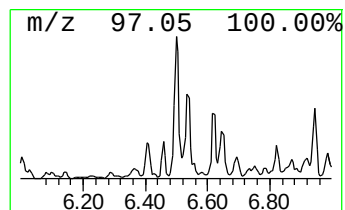
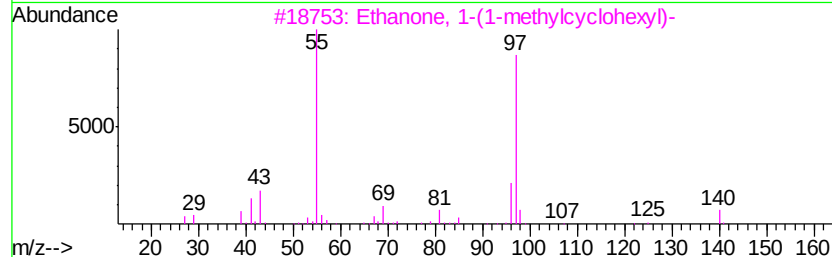
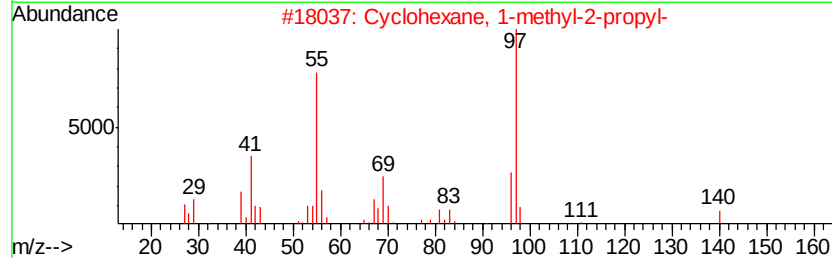
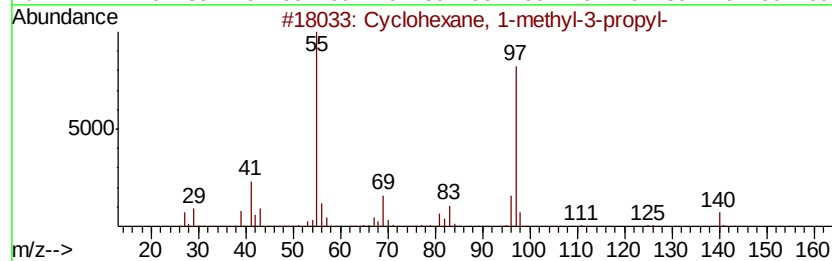
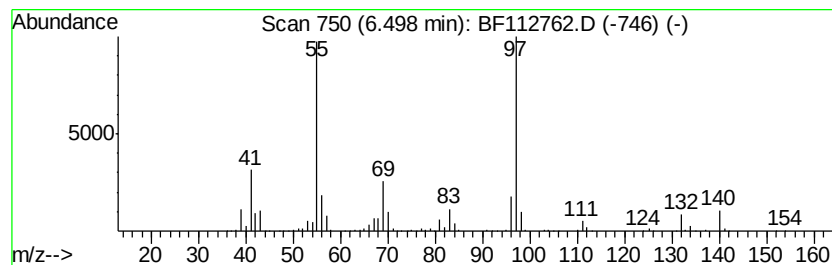
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown6.50 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	50.83 ng	3316700	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	49
2		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	49
3		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	49
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	43
5		Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	43



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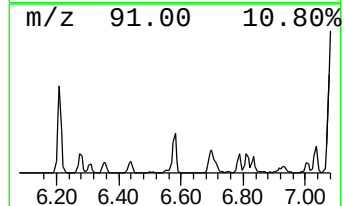
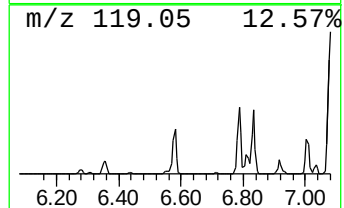
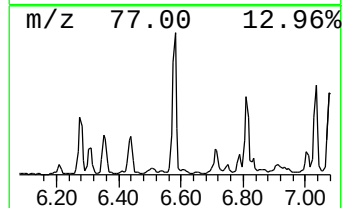
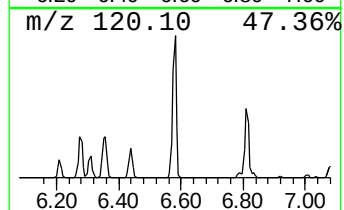
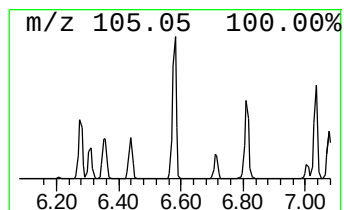
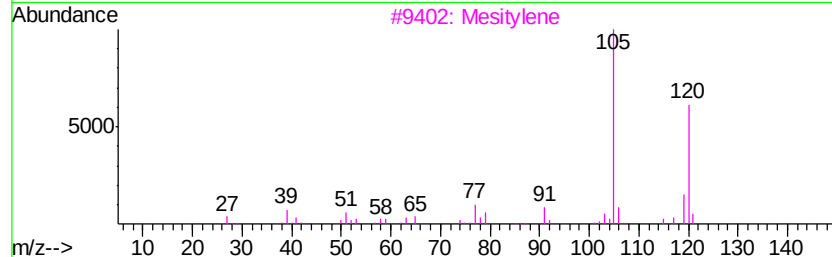
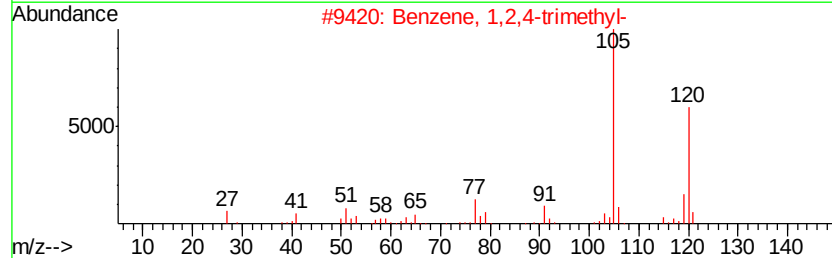
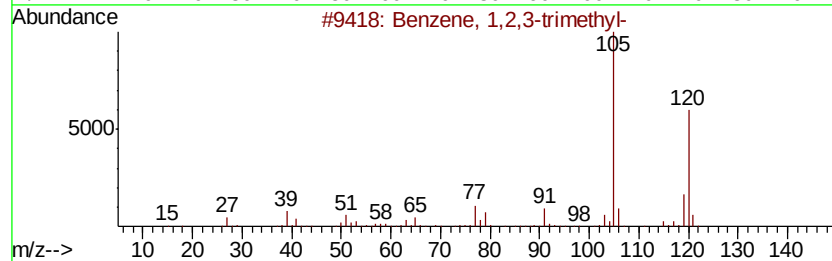
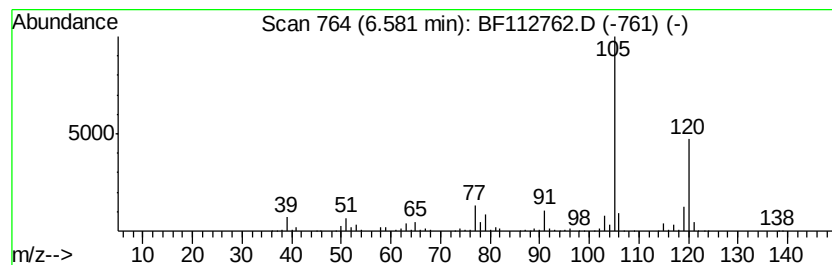
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	50.21 ng	3276480	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		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Mesitylene	120	C9H12	000108-67-8	94
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



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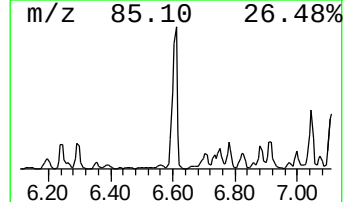
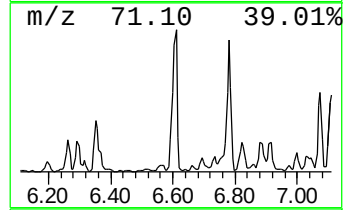
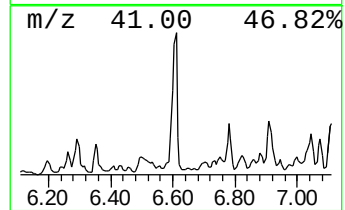
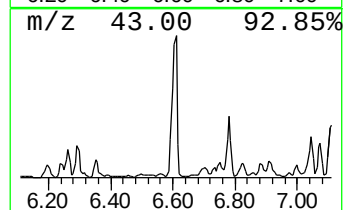
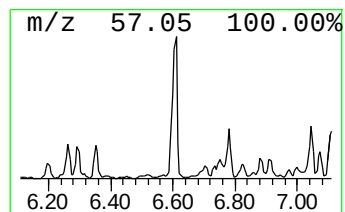
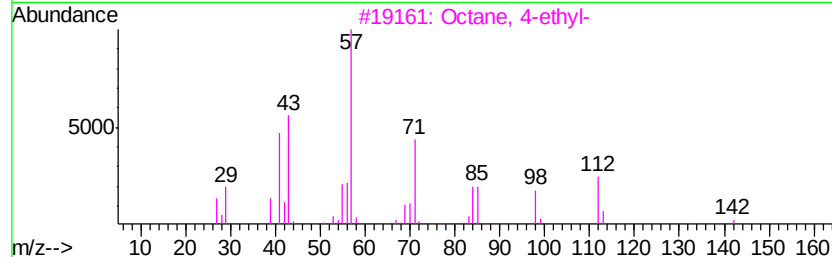
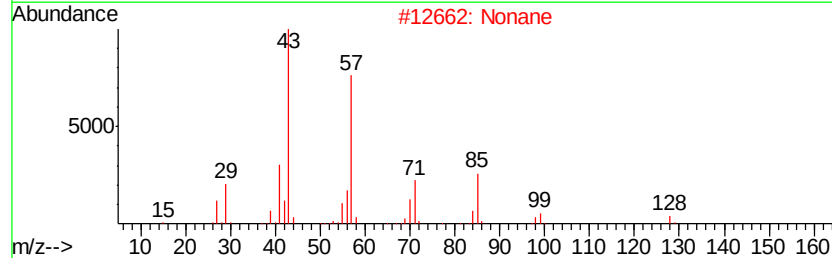
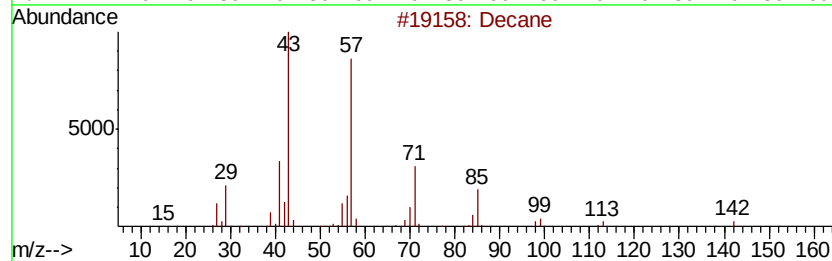
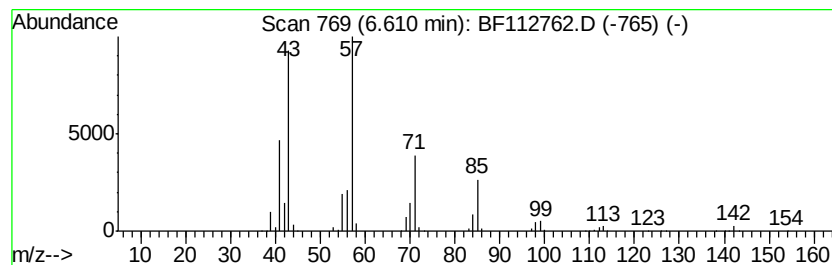
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	140.90 ng	9194580	1,4-Dichlorobenzene-d4	6.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	90
2	Nonane		128	C9H20	000111-84-2	80
3	Octane, 4-ethyl-		142	C10H22	015869-86-0	74
4	Tridecane		184	C13H28	000629-50-5	72
5	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	72



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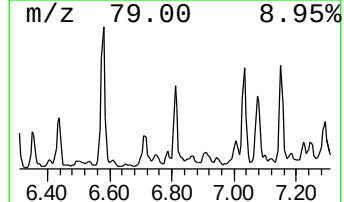
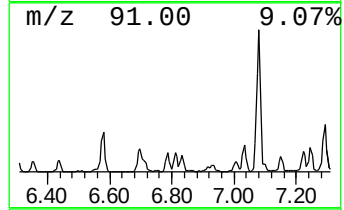
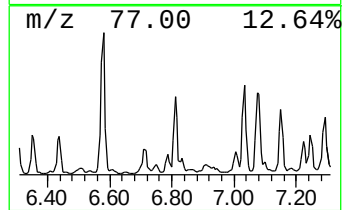
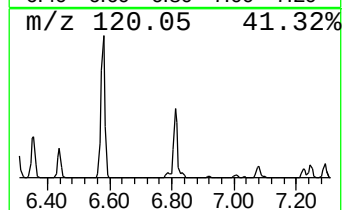
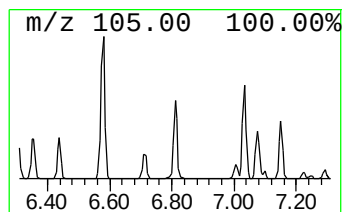
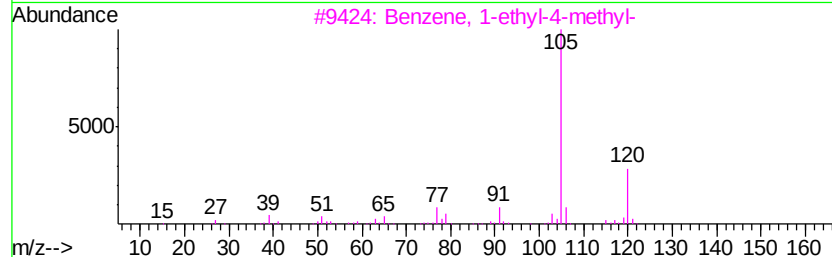
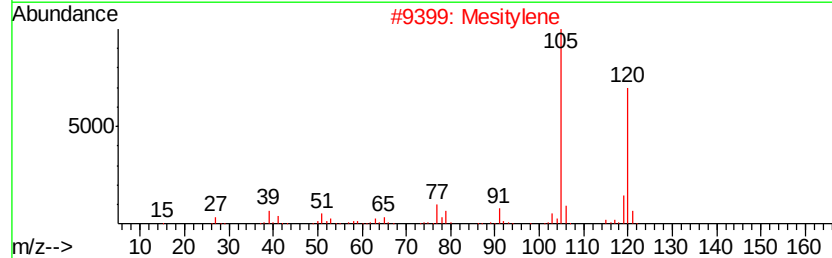
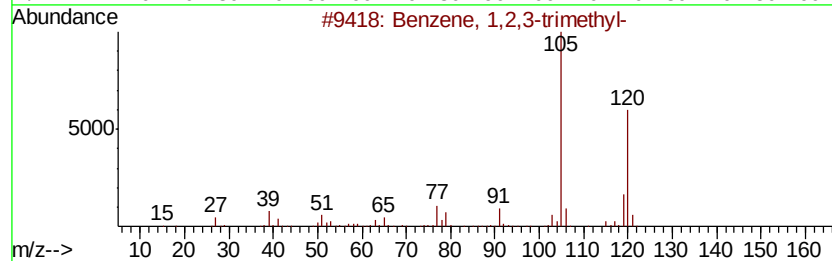
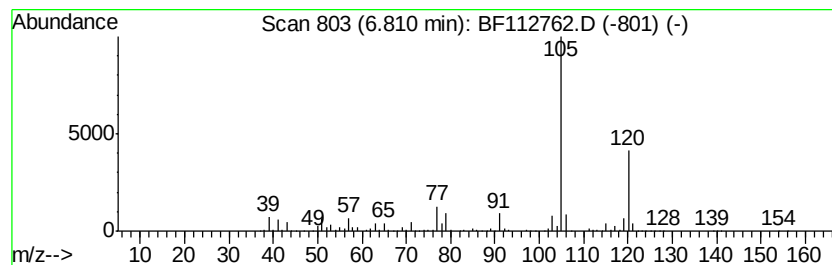
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Mesitylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	47.07 ng	3071580	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	93
2		Mesitylene	120	C9H12	000108-67-8	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-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112762.D
Acq On : 28 Feb 2019 15:09
Operator : JU/SJ
Sample : K1341-07 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-022719-A

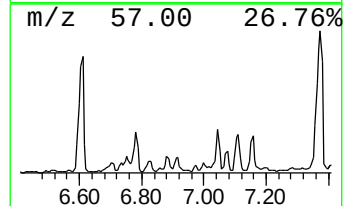
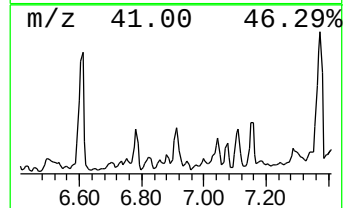
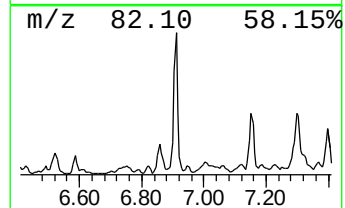
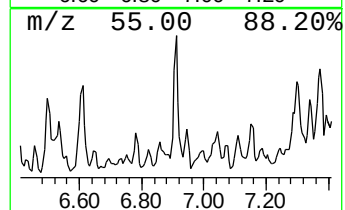
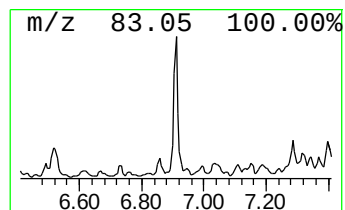
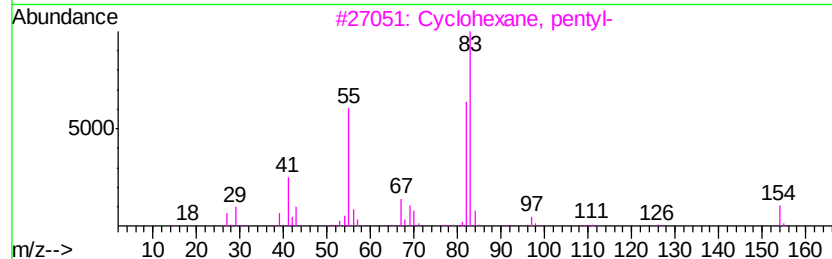
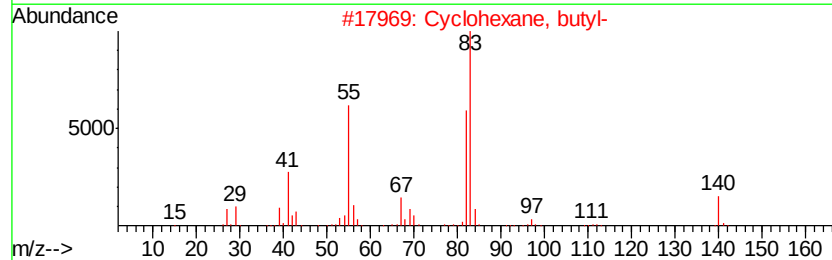
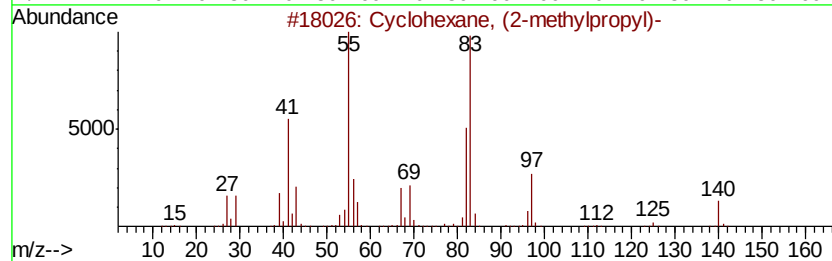
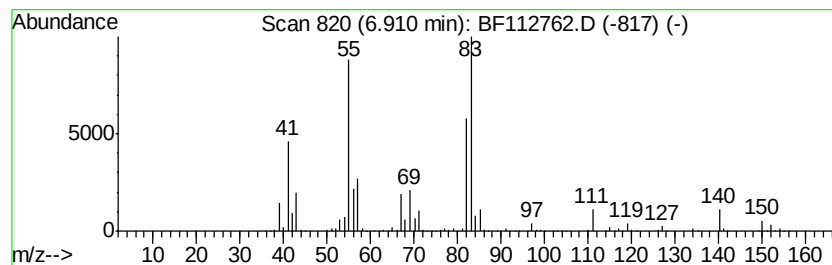
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclohexane, (2-methylpropyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	55.57 ng	3626190	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	83
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	81
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
4		Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	58
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112762.D
Acq On : 28 Feb 2019 15:09
Operator : JU/SJ
Sample : K1341-07 5X
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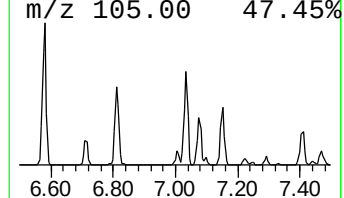
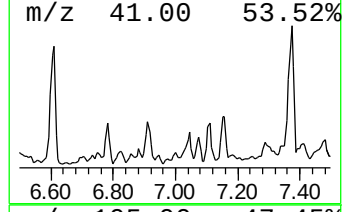
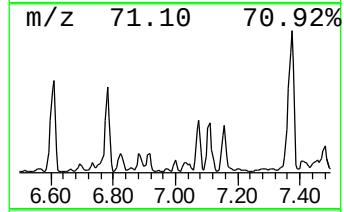
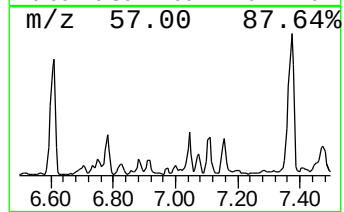
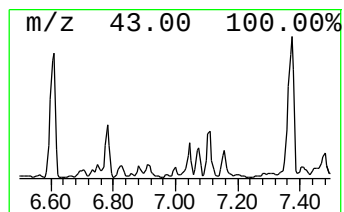
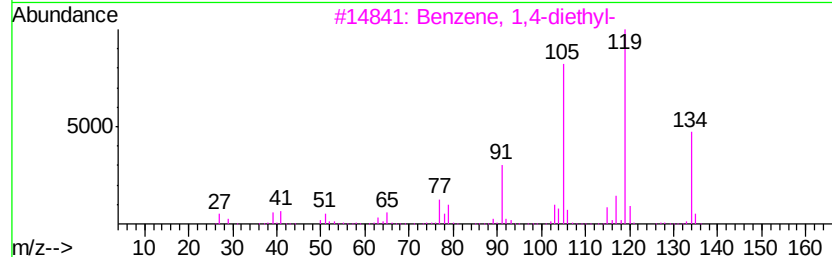
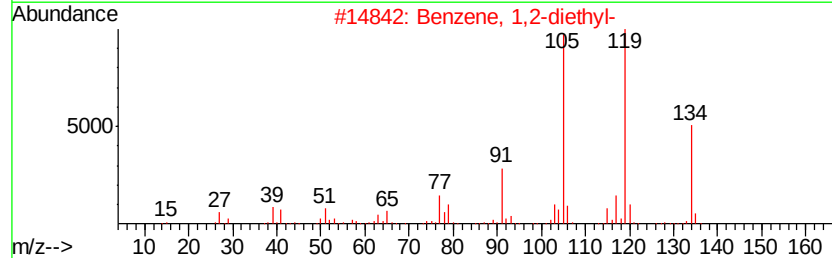
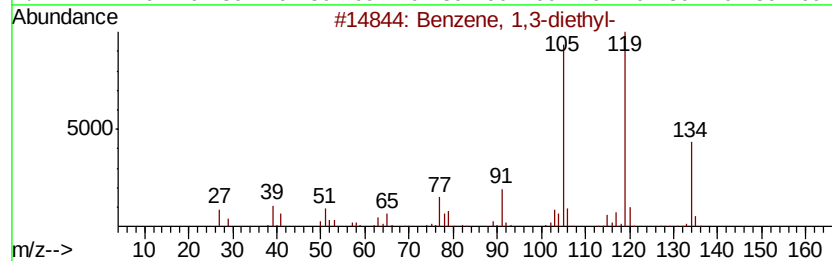
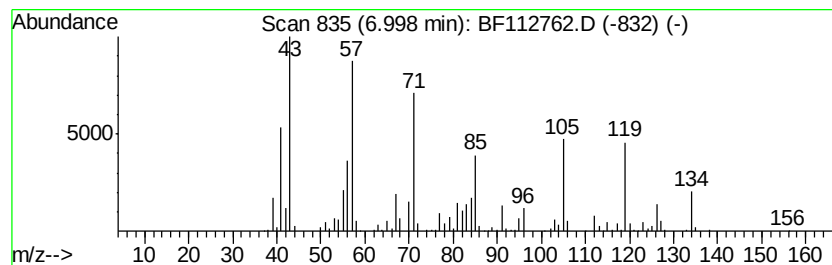
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,3-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	19.97 ng	1302990	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112762.D
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Operator : JU/SJ
Sample : K1341-07 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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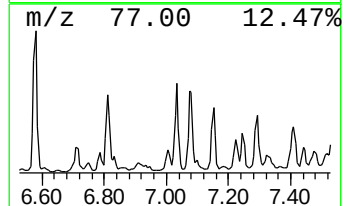
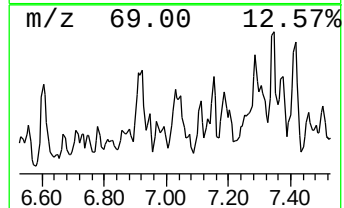
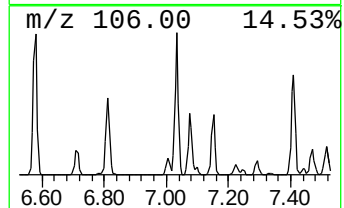
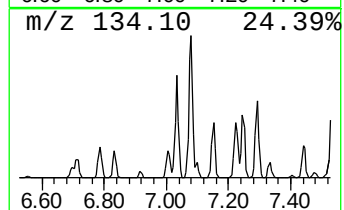
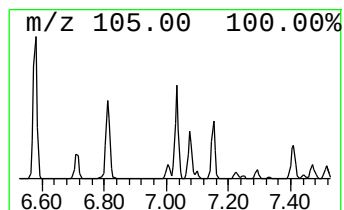
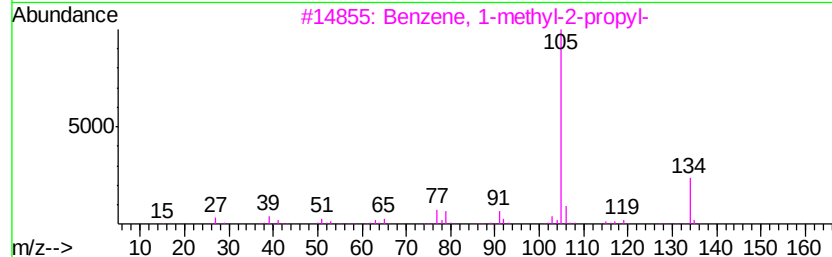
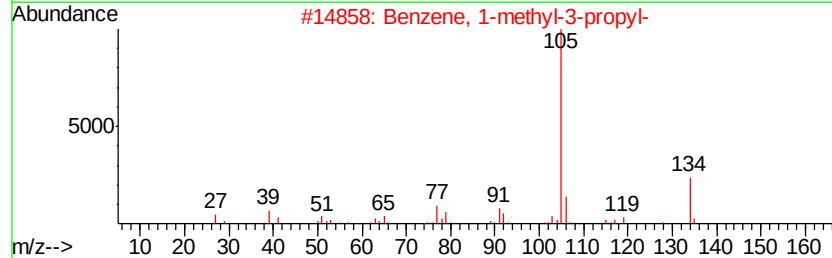
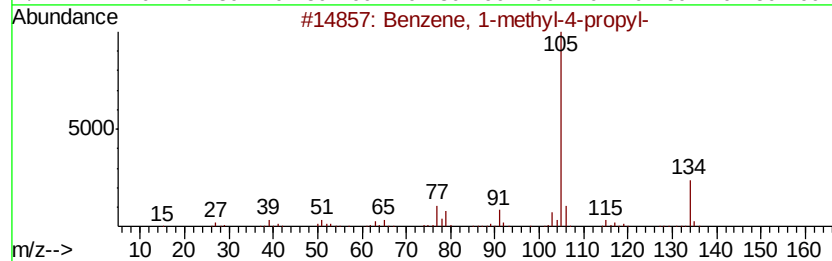
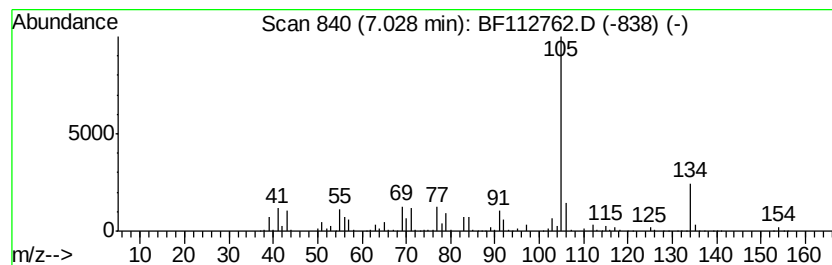
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	65.39 ng	4266790	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	74
5		2-Tolylloxirane	134	C9H10O	002783-26-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
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Operator : JU/SJ
Sample : K1341-07 5X
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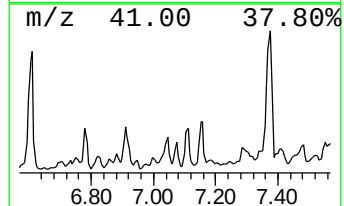
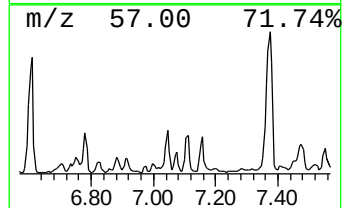
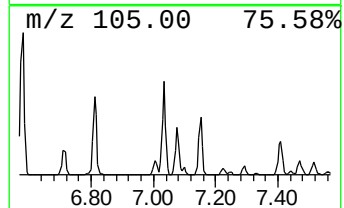
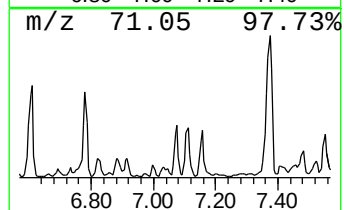
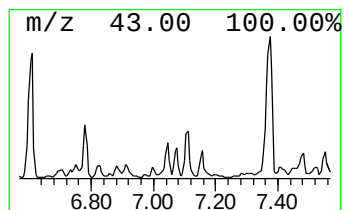
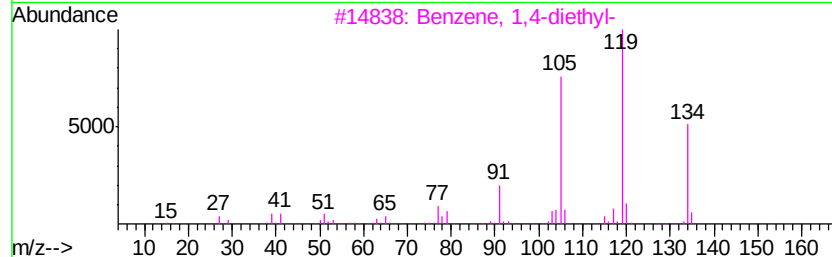
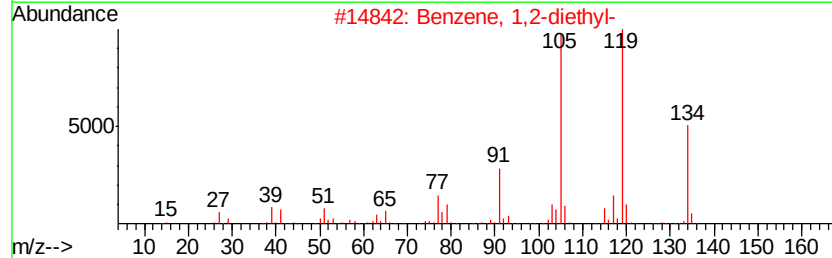
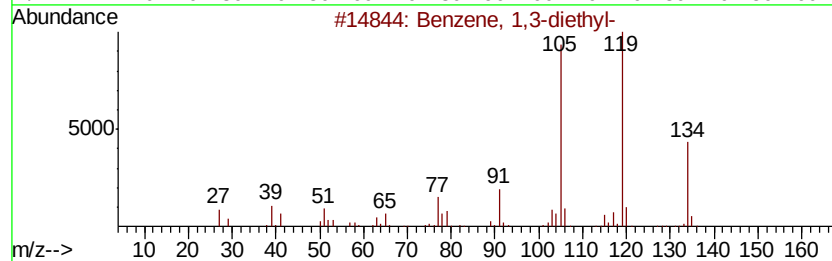
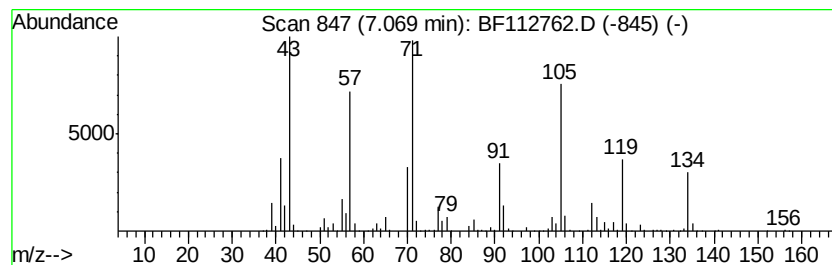
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	62.87 ng	4102250	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	78
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112762.D
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Operator : JU/SJ
Sample : K1341-07 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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HR-06-022719-A

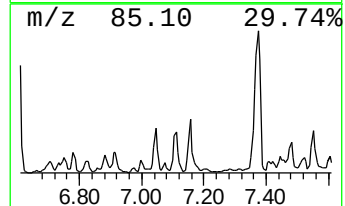
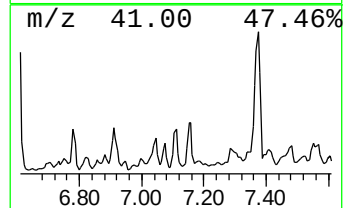
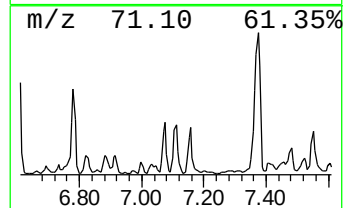
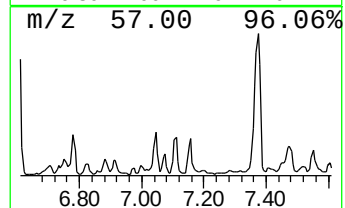
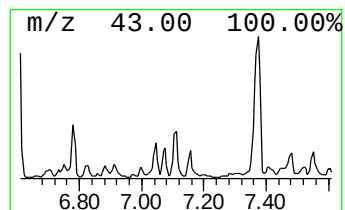
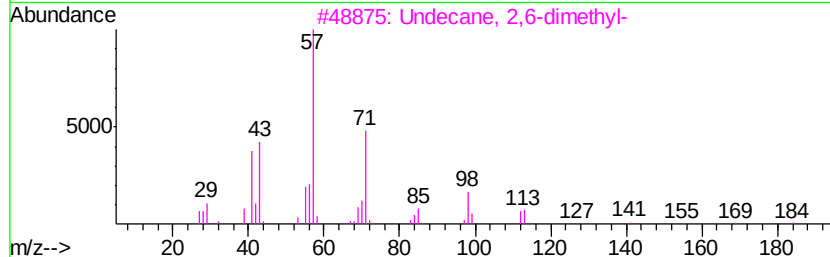
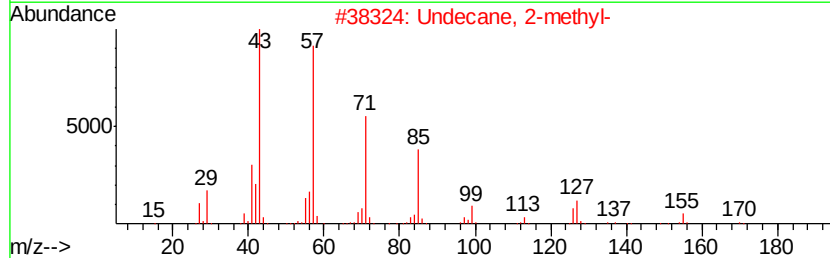
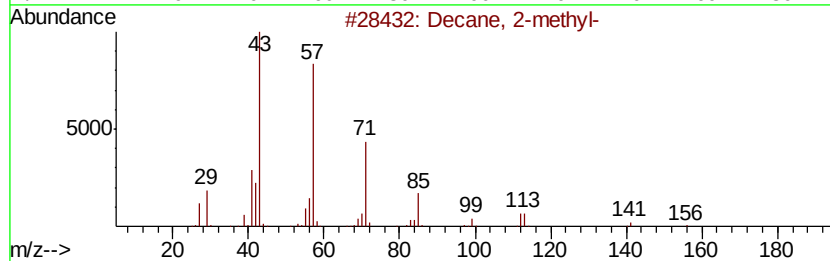
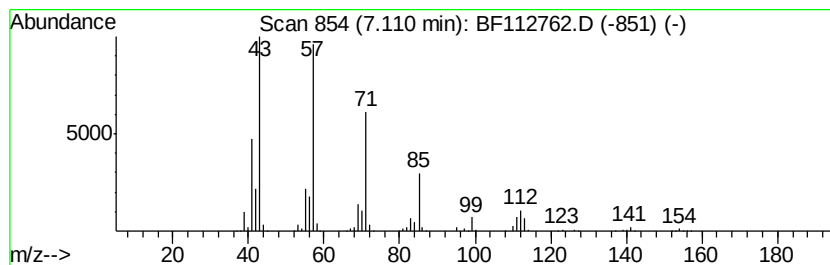
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Decane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	46.38 ng	3026500	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	90
2		Undecane, 2-methyl-	170	C12H26	007045-71-8	64
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
4		Tridecane	184	C13H28	000629-50-5	59
5		Pentadecane	212	C15H32	000629-62-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
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ClientSampleId :
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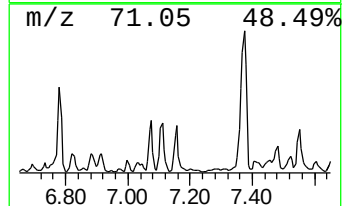
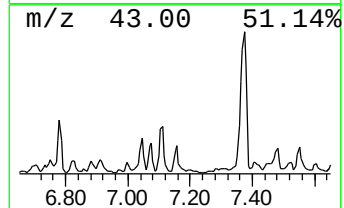
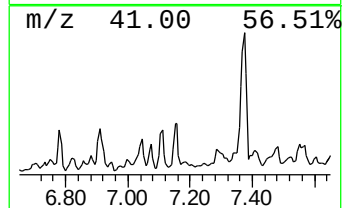
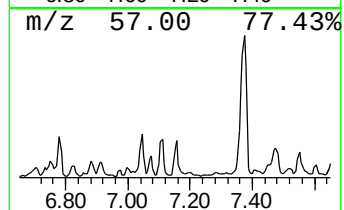
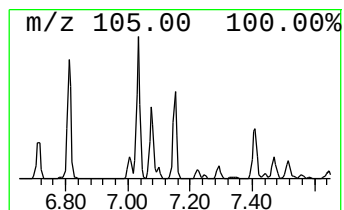
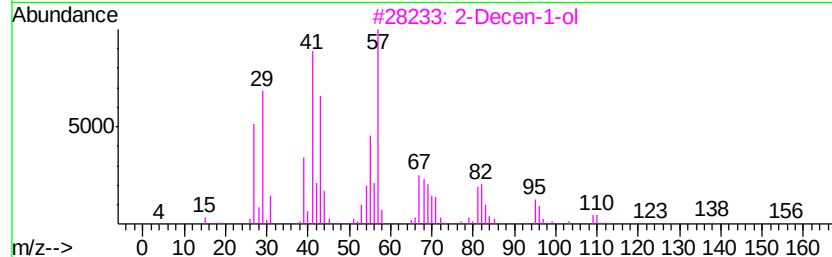
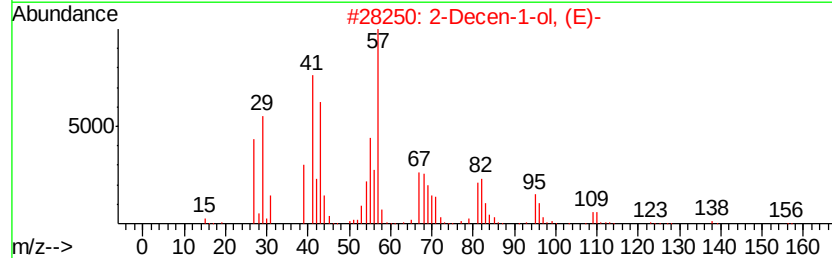
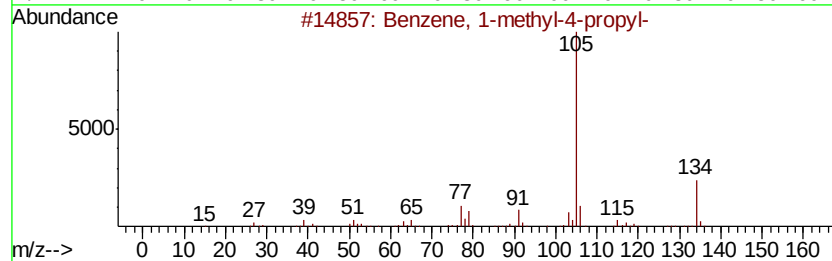
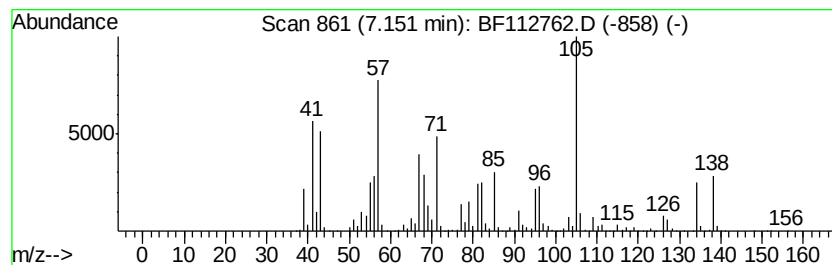
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown7.15 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	76.52 ng	4993300	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
2		2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	30
3		2-Decen-1-ol	156	C10H20O	022104-80-9	27
4		1,3-Cyclohexanedimethanamine	142	C8H18N2	002579-20-6	27
5		Decane, 3-methyl-	156	C11H24	013151-34-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
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Operator : JU/SJ
Sample : K1341-07 5X
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ALS Vial : 12 Sample Multiplier: 1

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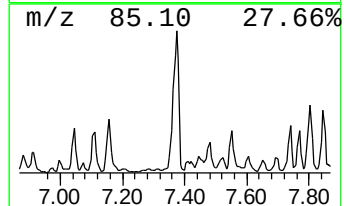
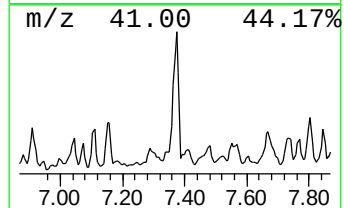
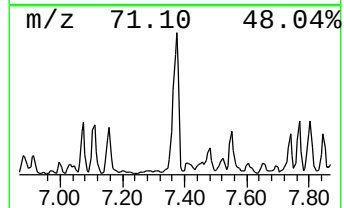
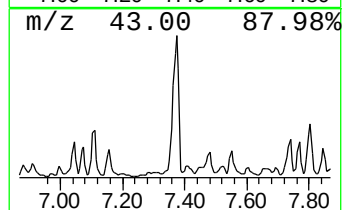
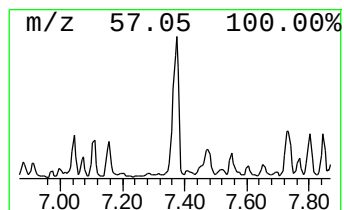
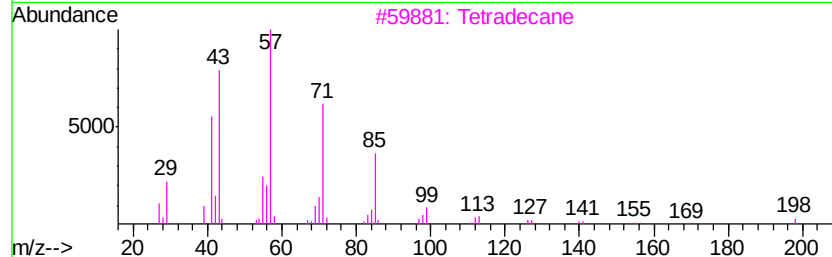
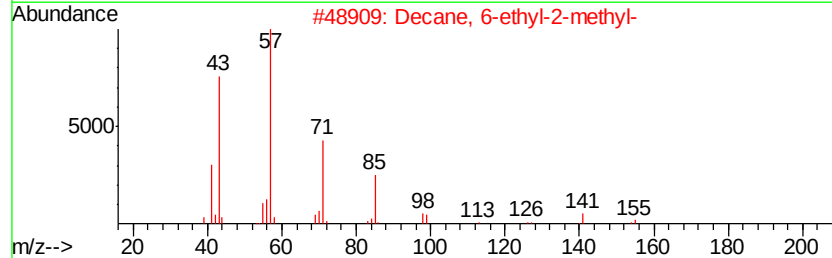
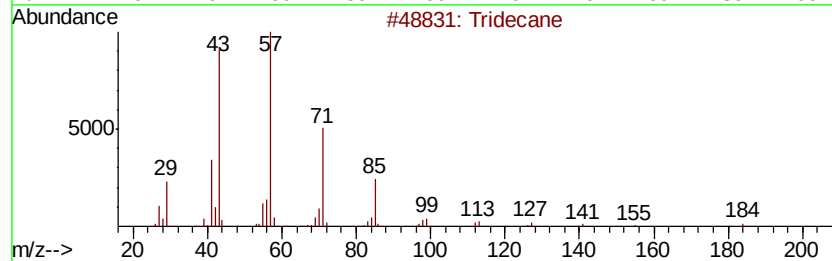
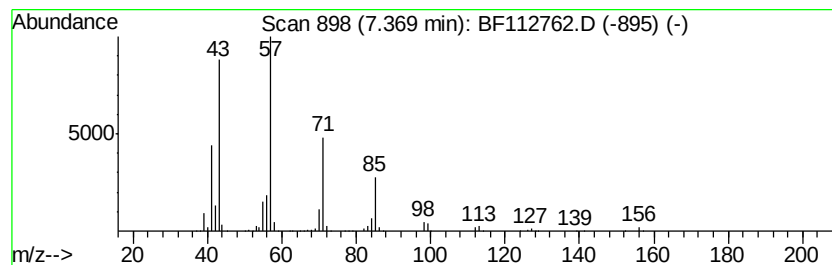
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	166.59 ng	10870800	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Undecane	156	C11H24	001120-21-4	76
5	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112762.D
Acq On : 28 Feb 2019 15:09
Operator : JU/SJ
Sample : K1341-07 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

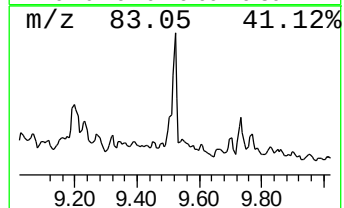
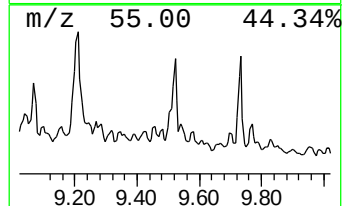
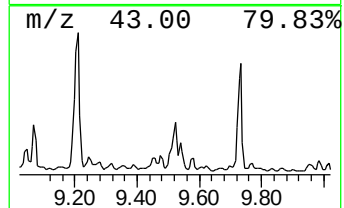
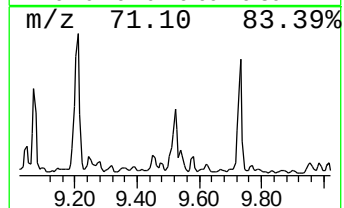
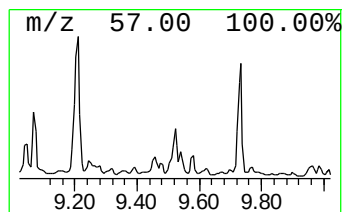
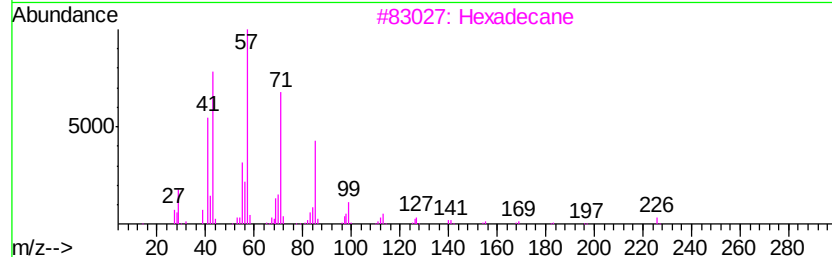
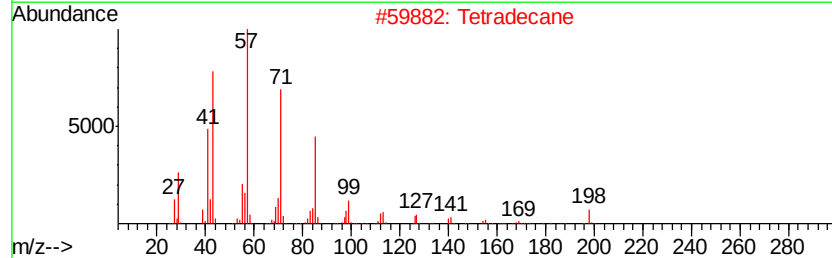
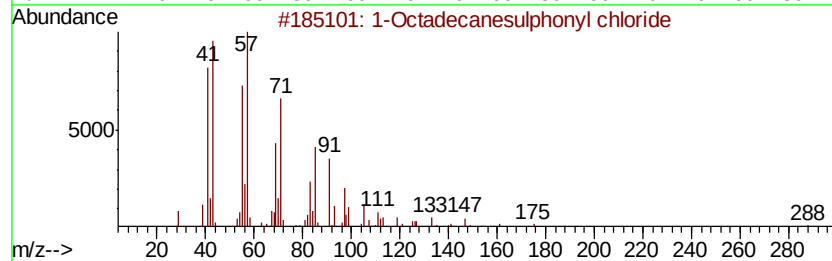
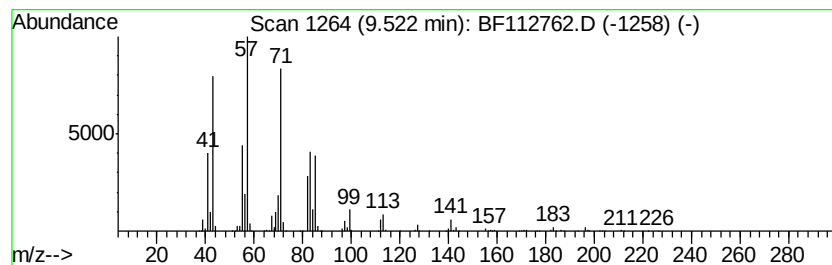
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ClientSampleId :
HR-06-022719-A

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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 18 1-Octadecanesulphonyl chloride Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	32.71 ng	4343770	Acenaphthene-d10	9.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Octadecanesulphonyl chloride	352 C18H37ClO2S	1000342-70-4 72
2		Tetradecane	198 C14H30	000629-59-4 64
3		Hexadecane	226 C16H34	000544-76-3 58
4		Eicosane	282 C20H42	000112-95-8 58
5		Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4 49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112762.D
Acq On : 28 Feb 2019 15:09
Operator : JU/SJ
Sample : K1341-07 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

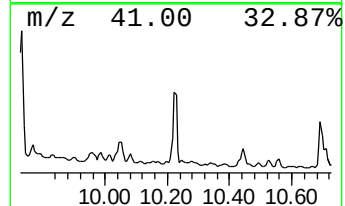
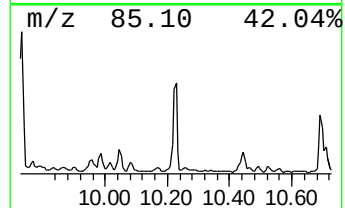
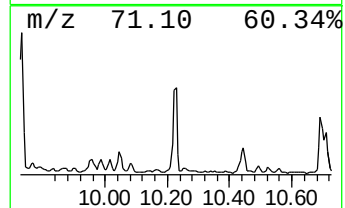
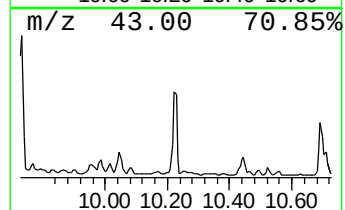
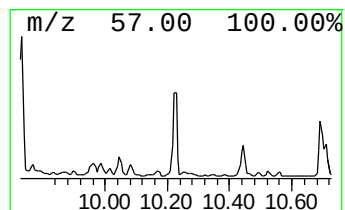
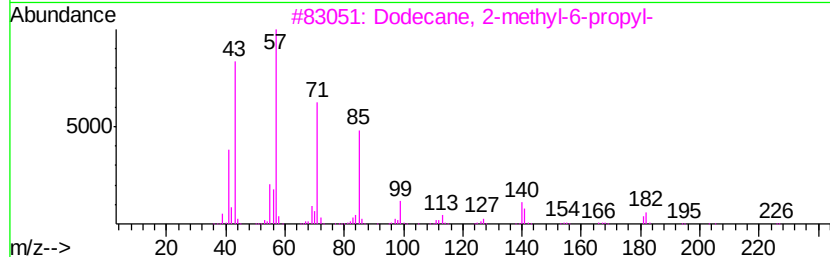
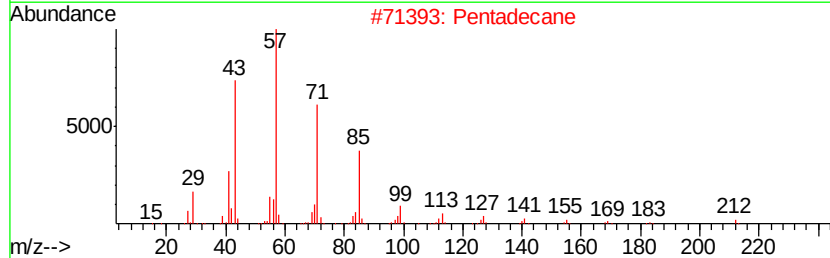
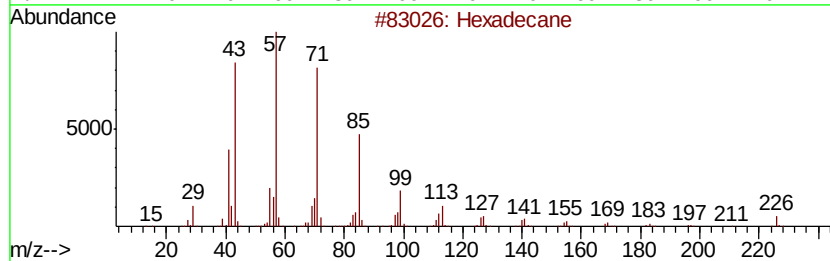
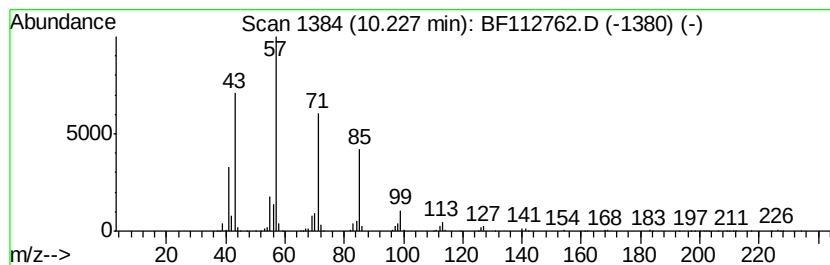
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	25.78 ng	3423290	Acenaphthene-d10	9.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	93
2	Pentadecane	212 C15H32	000629-62-9	90
3	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	86
4	Nonadecane, 9-methyl-	282 C20H42	013287-24-6	86
5	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112762.D
Acq On : 28 Feb 2019 15:09
Operator : JU/SJ
Sample : K1341-07 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

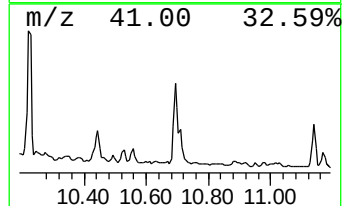
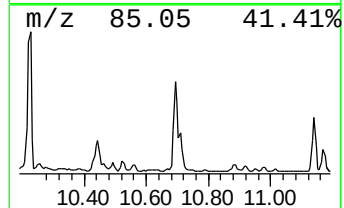
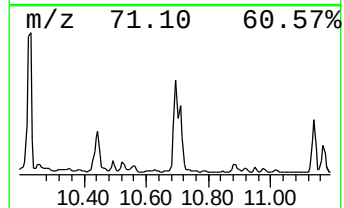
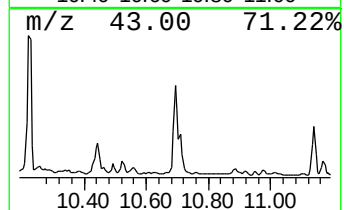
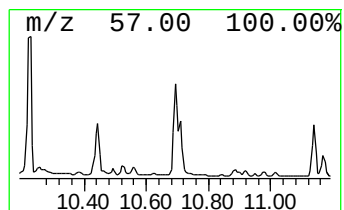
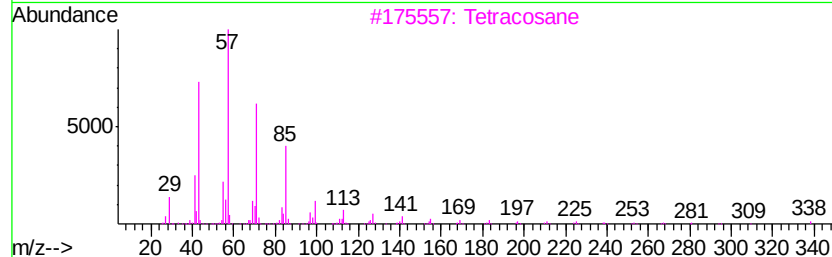
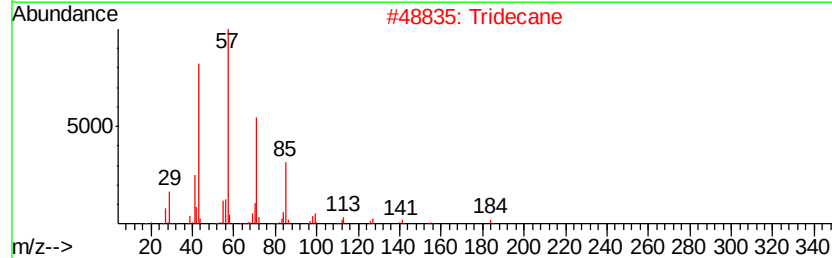
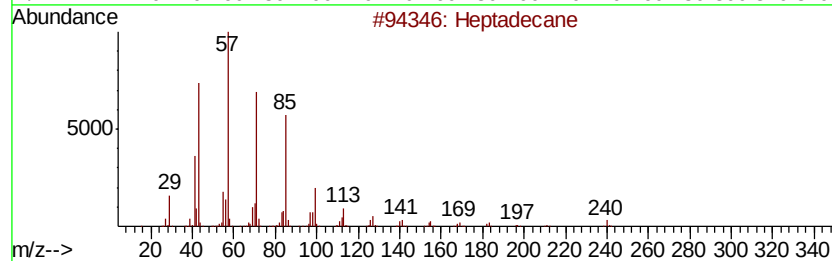
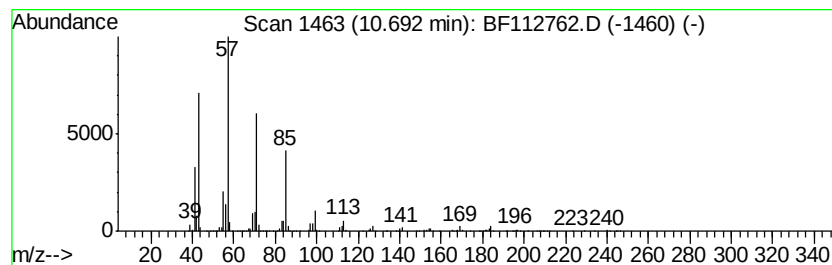
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.69	43.98 ng	3355370	Phenanthrene-d10		11.25	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Tridecane		184	C13H28	000629-50-5	93
3	Tetracosane		338	C24H50	000646-31-1	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Heptacosane		380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
 Data File : BF112762.D
 Acq On : 28 Feb 2019 15:09
 Operator : JU/SJ
 Sample : K1341-07 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-022719-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
Nonane	5.66	29.5	ng	1926150	1	6.75	1305090	20.0
unknown5.91	5.91	17.4	ng	1134430	1	6.75	1305090	20.0
Cyclohexane, propyl-	6.00	37.9	ng	2473210	1	6.75	1305090	20.0
unknown6.20	6.20	31.9	ng	2078780	1	6.75	1305090	20.0
Benzene, 1-ethyl-...	6.28	45.0	ng	2937190	1	6.75	1305090	20.0
Benzene, 1-ethyl-...	6.43	16.6	ng	1084860	1	6.75	1305090	20.0
unknown6.50	6.50	50.8	ng	3316700	1	6.75	1305090	20.0
Benzene, 1,2,3-tr...	6.58	50.2	ng	3276480	1	6.75	1305090	20.0
Decane	6.61	140.9	ng	9194580	1	6.75	1305090	20.0
Mesitylene	6.81	47.1	ng	3071580	1	6.75	1305090	20.0
Cyclohexane, (2-m...	6.91	55.6	ng	3626190	1	6.75	1305090	20.0
Benzene, 1,3-diet...	7.00	20.0	ng	1302990	1	6.75	1305090	20.0
Benzene, 1-methyl...	7.03	65.4	ng	4266790	1	6.75	1305090	20.0
Benzene, 1,2-diet...	7.07	62.9	ng	4102250	1	6.75	1305090	20.0
Decane, 2-methyl-	7.11	46.4	ng	3026500	1	6.75	1305090	20.0
unknown7.15	7.15	76.5	ng	4993300	1	6.75	1305090	20.0
Tridecane	7.37	166.6	ng	10870800	1	6.75	1305090	20.0
1-Octadecanesulph...	9.52	32.7	ng	4343770	3	9.78	2655690	20.0
Hexadecane	10.23	25.8	ng	3423290	3	9.78	2655690	20.0
Heptadecane	10.69	44.0	ng	3355370	4	11.25	1525930	20.0