

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022719\
 Data File : BF112737.D
 Acq On : 27 Feb 2019 23:47
 Operator : JU/SJ
 Sample : K1594-22 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)

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	2.781	113	118	125	rVV2	807085	1533780	10.20%	0.326%
2	3.357	201	216	221	rBV	1225524	3497450	23.25%	0.743%
3	3.504	230	241	251	rBV3	1327190	3402361	22.62%	0.723%
4	3.728	271	279	287	rBV2	2686599	6426953	42.73%	1.365%
5	3.875	296	304	310	rBV	3223923	5806324	38.60%	1.233%
6	4.034	320	331	335	rBV2	2776126	6221596	41.36%	1.321%
7	4.181	348	356	359	rBV2	1512740	2603517	17.31%	0.553%
8	4.222	359	363	367	rBV	1359155	2079153	13.82%	0.442%
9	4.263	367	370	374	rVB	1248759	1555926	10.34%	0.330%
10	4.369	383	388	394	rBV4	2833472	4850196	32.25%	1.030%
11	4.481	399	407	412	rBV3	3684962	6417369	42.67%	1.363%
12	4.575	419	423	428	rVB2	1068761	1754050	11.66%	0.373%
13	4.692	438	443	445	rBV	1253183	1517542	10.09%	0.322%
14	4.798	458	461	465	rVB	2395911	2806653	18.66%	0.596%
15	4.851	465	470	472	rBV3	1267388	2148218	14.28%	0.456%
16	4.887	472	476	481	rVB3	5126257	6968658	46.33%	1.480%
17	4.951	483	487	489	rBV	2044517	2056386	13.67%	0.437%
18	5.022	496	499	503	rVB3	1169385	1705209	11.34%	0.362%
19	5.163	518	523	525	rBV	2993339	3930034	26.13%	0.835%
20	5.216	529	532	535	rVB2	2468957	3043400	20.23%	0.646%
21	5.257	535	539	541	rBV	4706996	6086421	40.47%	1.293%
22	5.281	541	543	546	rVB	4813521	4572936	30.40%	0.971%
23	5.363	549	557	562	rVB2	6492902	12926100	85.94%	2.745%
24	5.428	562	568	570	rBV	2507419	3799760	25.26%	0.807%
25	5.522	581	584	590	rVV2	3219275	5172765	34.39%	1.099%
26	5.569	590	592	595	rVB	2005266	1786870	11.88%	0.379%
27	5.610	595	599	601	rBV	2821155	3346812	22.25%	0.711%
28	5.669	608	609	615	rVB3	1386105	1577777	10.49%	0.335%
29	5.728	615	619	622	rBV3	1358542	1786485	11.88%	0.379%
30	5.775	622	627	631	rVB3	2570885	4266834	28.37%	0.906%
31	5.834	631	637	639	rBV3	2285104	3929979	26.13%	0.835%
32	5.916	645	651	654	rBV3	5611303	7083375	47.09%	1.504%
33	5.969	654	660	664	rVV3	2321519	4179998	27.79%	0.888%
34	6.016	664	668	673	rVV	5452215	8133624	54.08%	1.727%

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

35	6.069	673	677	682	rVV	2417052	4427640	29.44%	0.940%
36	6.110	682	684	687	rVV3	1058931	1575679	10.48%	0.335%
37	6.145	687	690	696	rVV5	1381480	2410839	16.03%	0.512%
38	6.216	696	702	705	rVV2	7416272	12121582	80.59%	2.574%
39	6.269	705	711	714	rVV3	8206480	12794044	85.06%	2.717%
40	6.304	714	717	723	rVV2	6630757	10004195	66.51%	2.125%
41	6.363	723	727	730	rVV2	8004500	9885381	65.72%	2.099%
42	6.392	730	732	735	rVV	3001335	3291911	21.89%	0.699%
43	6.445	737	741	747	rVV4	3539732	6393530	42.51%	1.358%
44	6.510	747	752	755	rVV2	3120261	4833115	32.13%	1.026%
45	6.539	755	757	758	rVV	2527192	2182405	14.51%	0.464%
46	6.557	758	760	762	rVV2	2411842	2371238	15.77%	0.504%
47	6.581	762	764	766	rVV3	1487368	1543978	10.27%	0.328%
48	6.604	766	768	772	rVV3	1537082	2395192	15.92%	0.509%
49	6.698	781	784	788	rVV4	2906709	5408667	35.96%	1.149%
50	6.751	788	793	796	rVV2	3336191	5585258	37.13%	1.186%
51	6.786	796	799	801	rVV	5086490	4912312	32.66%	1.043%
52	6.828	801	806	809	rVV3	2652819	5054268	33.60%	1.073%
53	6.857	809	811	813	rVV	1677357	1890413	12.57%	0.401%
54	6.910	813	820	822	rVV3	3632918	9230814	61.37%	1.960%
55	6.934	822	824	829	rVV	5503231	6088550	40.48%	1.293%
56	7.010	829	837	839	rVV	6413587	8537893	56.76%	1.813%
57	7.051	839	844	846	rVV2	4539332	7981543	53.07%	1.695%
58	7.081	846	849	852	rVV2	9616813	12994857	86.40%	2.760%
59	7.110	852	854	858	rVV	5496153	6042731	40.18%	1.283%
60	7.157	858	862	867	rVV	7389136	8365658	55.62%	1.777%
61	7.204	867	870	872	rVV2	1583672	1886535	12.54%	0.401%
62	7.228	872	874	878	rVV2	1959355	2009308	13.36%	0.427%
63	7.304	880	887	889	rBV2	9861716	15041002	100.00%	3.194%
64	7.328	889	891	895	rVV2	6012905	7313251	48.62%	1.553%
65	7.404	899	904	908	rVV3	3516874	4502785	29.94%	0.956%
66	7.475	913	916	919	rVV4	2496557	3510377	23.34%	0.746%
67	7.533	920	926	928	rVV	7204260	9839453	65.42%	2.090%
68	7.551	928	929	935	rVV3	2020492	2808805	18.67%	0.597%
69	7.604	935	938	940	rVV	2043147	1732964	11.52%	0.368%
70	7.651	942	946	947	rVV	4062200	4271004	28.40%	0.907%
71	7.669	947	949	951	rVV2	4141900	4334587	28.82%	0.921%

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72	7.710	951	956	958	rVV3	6312291	11413519	75.88%	2.424%
73	7.733	958	960	963	rVV4	3966372	4609586	30.65%	0.979%
74	7.781	963	968	970	rVV3	8386549	12967913	86.22%	2.754%
75	7.804	970	972	977	rVV2	4215766	6209737	41.29%	1.319%
76	7.845	977	979	980	rVV	3306530	2779254	18.48%	0.590%
77	7.863	980	982	986	rVV2	3578966	3890146	25.86%	0.826%
78	7.910	986	990	993	rVB	4162519	3578716	23.79%	0.760%
79	7.998	998	1005	1007	rBV4	3383752	4887397	32.49%	1.038%
80	8.028	1007	1010	1013	rVV	6754115	9199100	61.16%	1.954%
81	8.057	1013	1015	1018	rVV2	7273839	7139849	47.47%	1.516%
82	8.086	1018	1020	1022	rVV	4616500	3759901	25.00%	0.799%
83	8.110	1022	1024	1025	rVV	2586104	1938571	12.89%	0.412%
84	8.128	1025	1027	1030	rVV	2845411	2420581	16.09%	0.514%
85	8.210	1036	1041	1045	rVV3	2309095	2770654	18.42%	0.588%
86	8.292	1050	1055	1056	rBV4	1468475	1477805	9.83%	0.314%
87	8.310	1056	1058	1060	rVV	2736675	2692510	17.90%	0.572%
88	8.333	1060	1062	1065	rVV3	2702672	2864098	19.04%	0.608%
89	8.392	1069	1072	1074	rVB2	2263349	2046049	13.60%	0.435%
90	8.422	1074	1077	1079	rBV	4634420	4105556	27.30%	0.872%
91	8.469	1082	1085	1087	rVV	2195111	1827293	12.15%	0.388%
92	8.504	1088	1091	1093	rVB	2088869	1945896	12.94%	0.413%
93	8.545	1094	1098	1103	rVB5	1501582	2291717	15.24%	0.487%
94	8.622	1109	1111	1115	rBV2	1449843	1797190	11.95%	0.382%
95	8.745	1127	1132	1135	rVB	6779436	7327533	48.72%	1.556%
96	8.839	1143	1148	1151	rVV	3921622	3950930	26.27%	0.839%
97	9.098	1188	1192	1195	rBV	1950203	1553653	10.33%	0.330%
98	9.769	1301	1306	1316	rBV	1546955	1756346	11.68%	0.373%
99	11.245	1554	1557	1560	rBV	1658522	1475436	9.81%	0.313%
100	12.827	1823	1826	1833	rBV	1797678	1625917	10.81%	0.345%

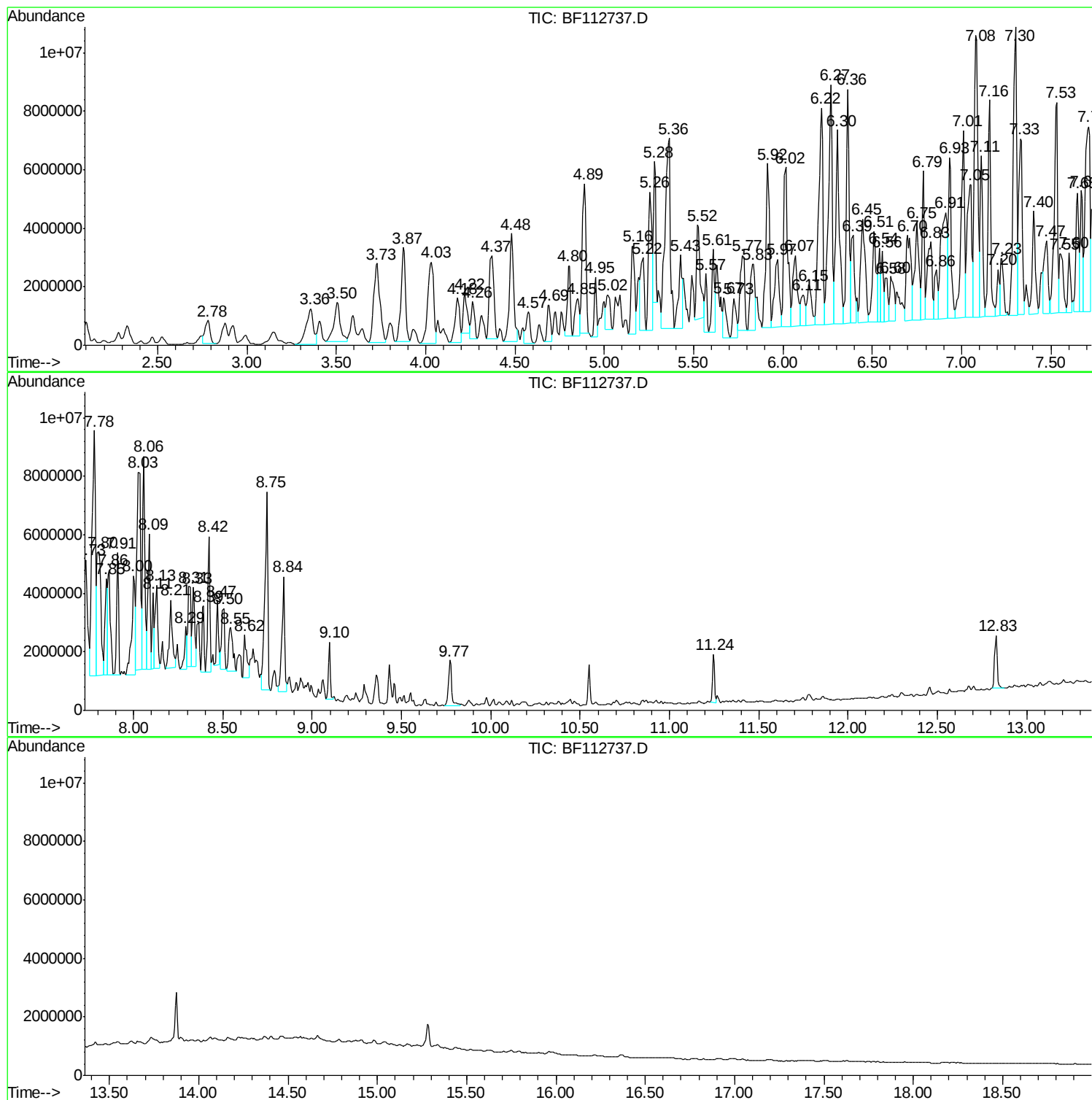
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Instrument :
BNA_F
ClientSampled :
B-1(8-9)

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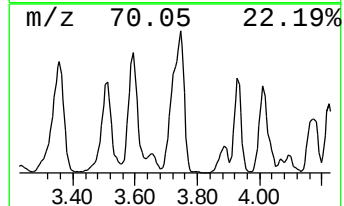
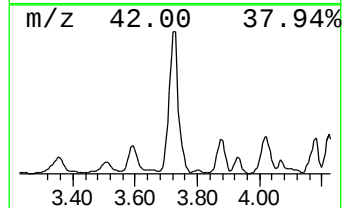
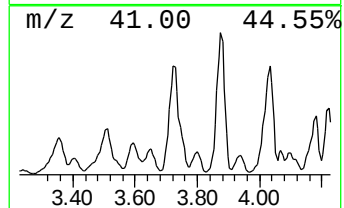
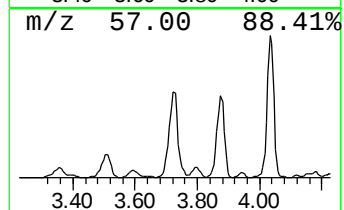
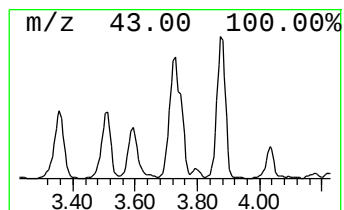
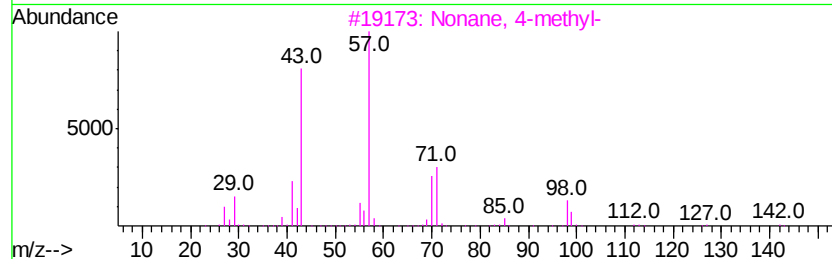
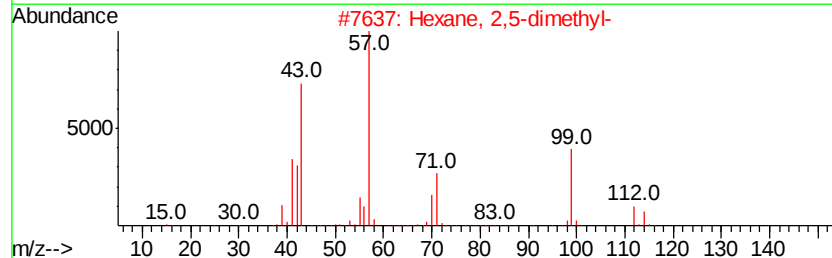
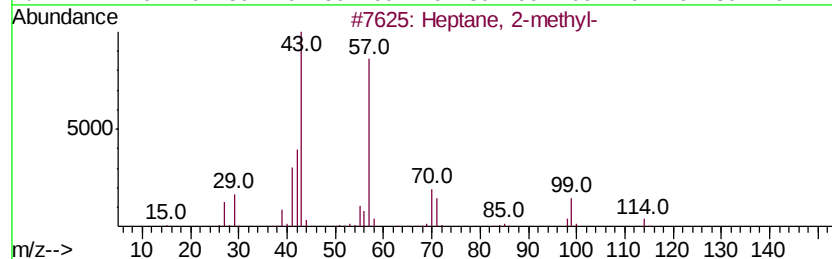
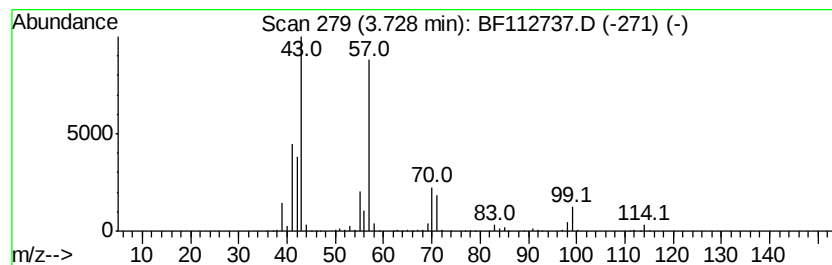
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	23.01 ng	6426950	1,4-Dichlorobenzene-d4	6.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2-methyl-	114	C8H18	000592-27-8	91
2		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	50
4		2-Piperidinone	99	C5H9NO	000675-20-7	49
5		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	43



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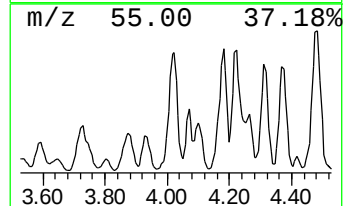
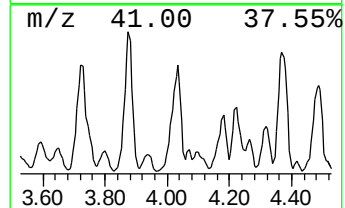
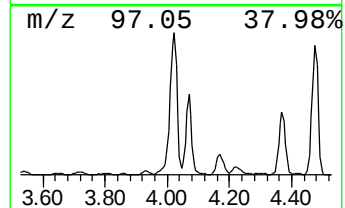
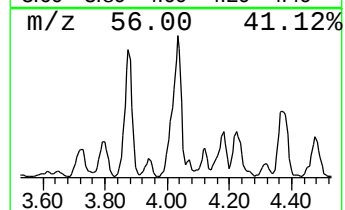
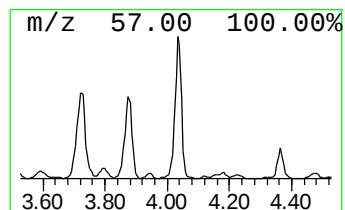
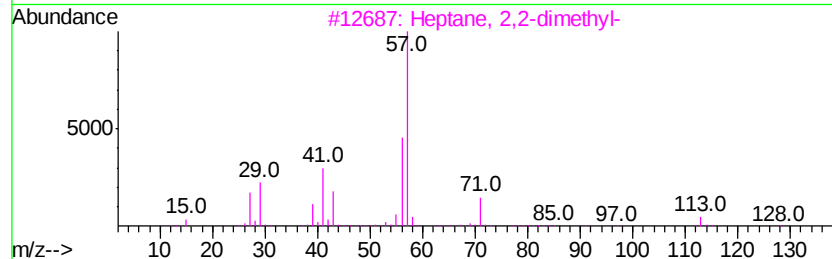
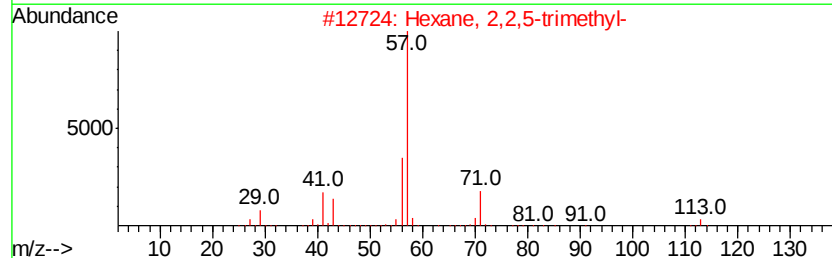
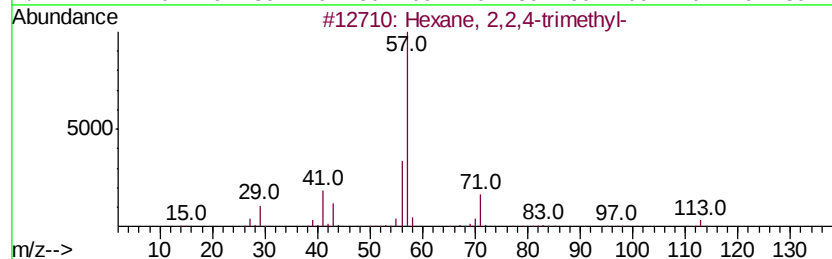
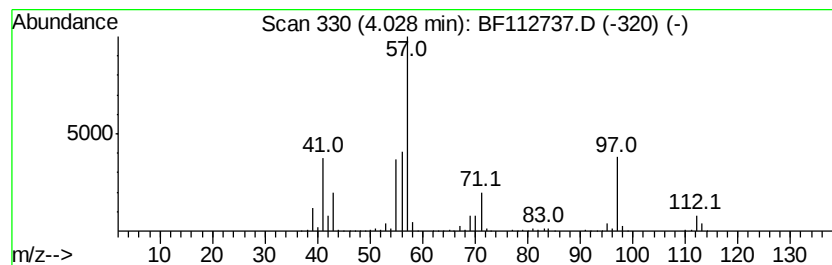
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexane, 2,2,4-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	22.28 ng	6221600	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
2		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
3		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
4		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	43
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	42



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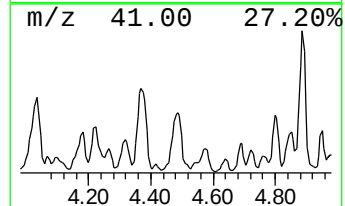
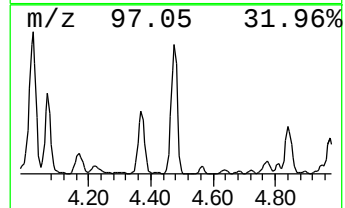
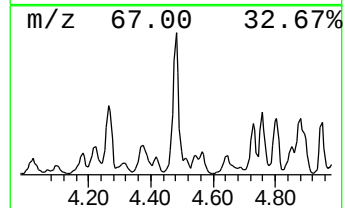
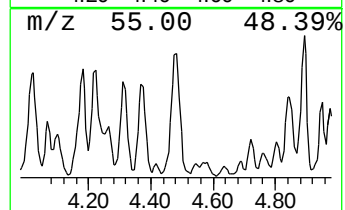
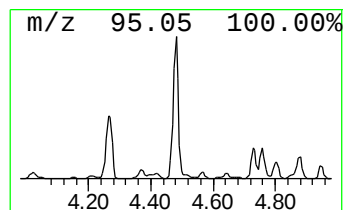
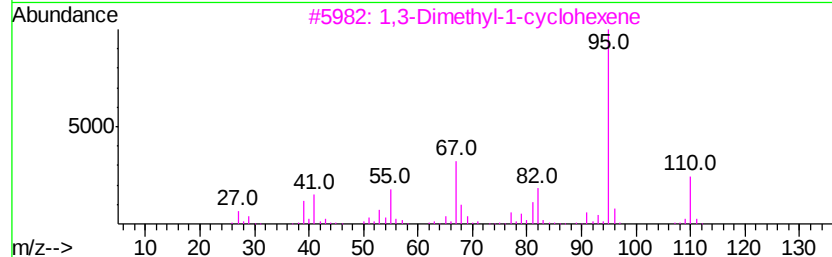
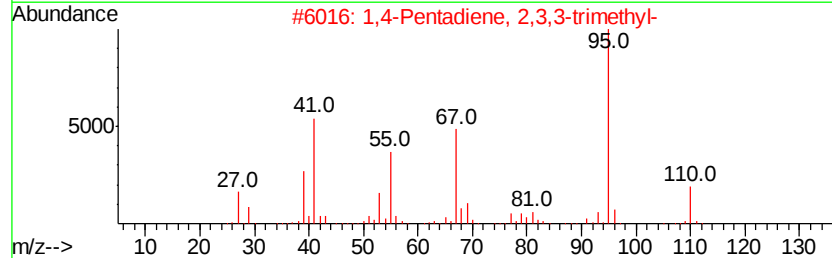
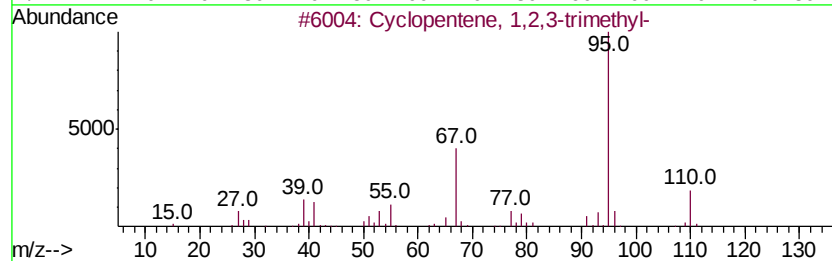
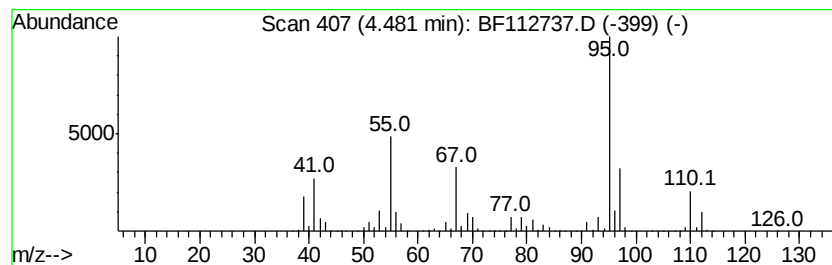
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	22.98 ng	6417370	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	92
2		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	68
3		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	64
4		5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	62
5		Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112737.D
Acq On : 27 Feb 2019 23:47
Operator : JU/SJ
Sample : K1594-22 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-1(8-9)

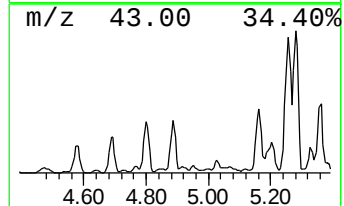
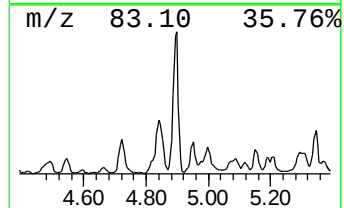
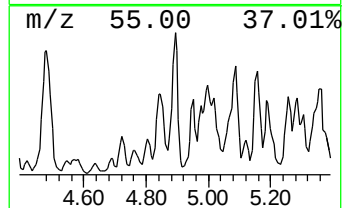
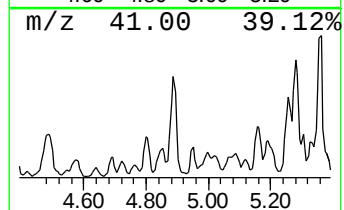
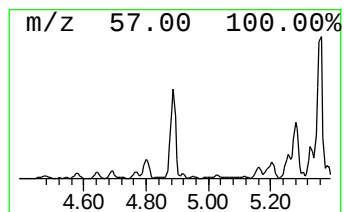
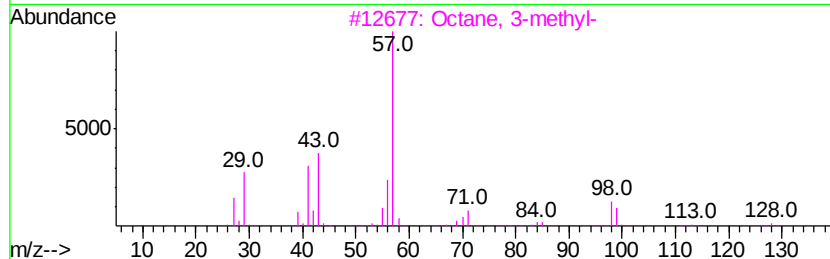
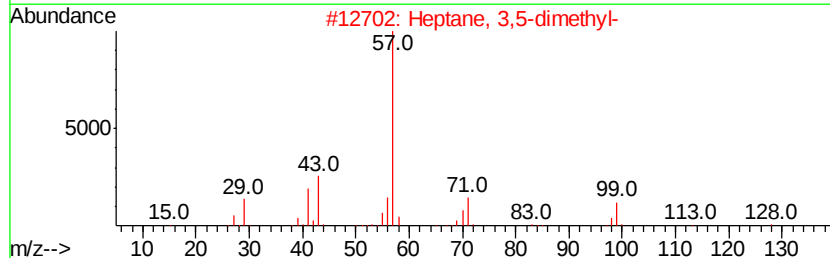
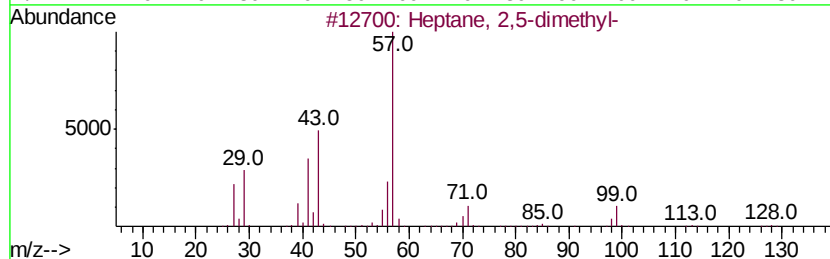
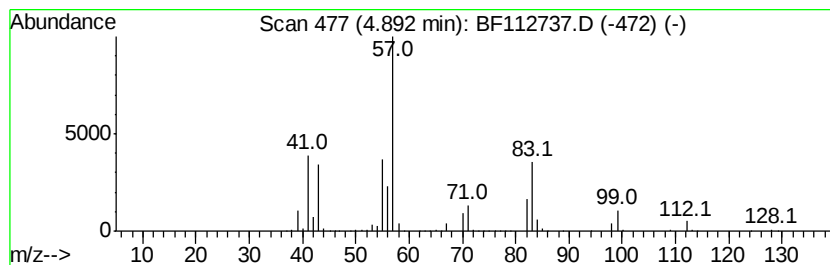
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptane, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	24.95 ng	6968660	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	64
3	Octane, 3-methyl-	128	C9H20	002216-33-3	50
4	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	42
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	42



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Sample : K1594-22 2X
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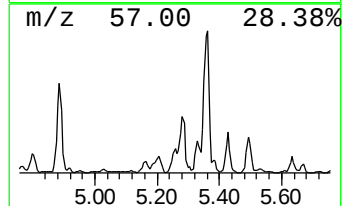
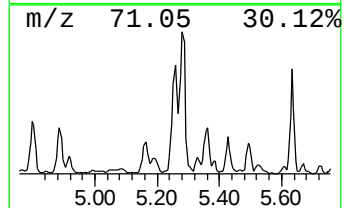
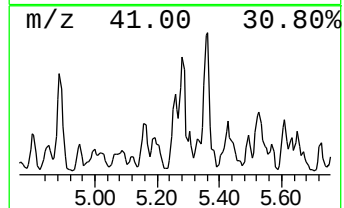
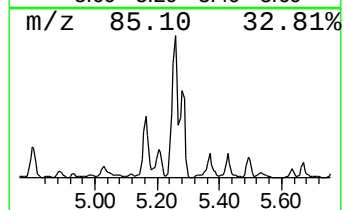
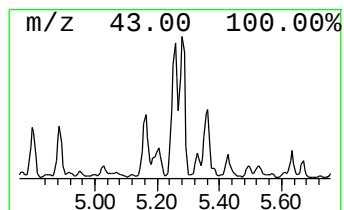
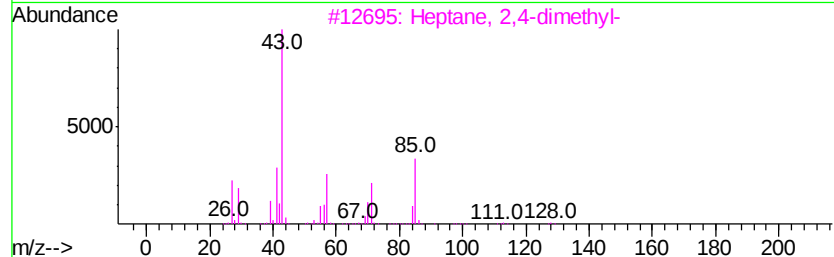
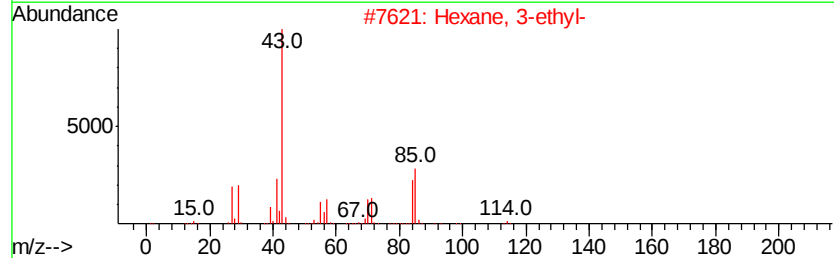
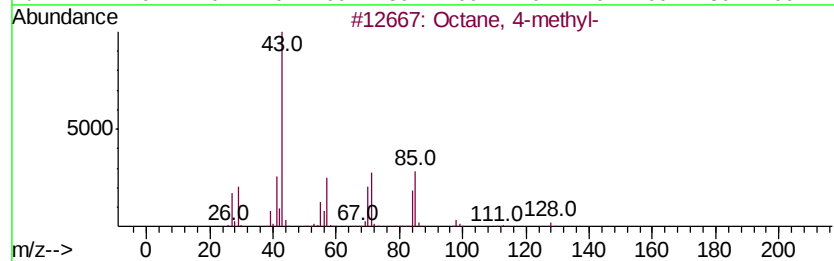
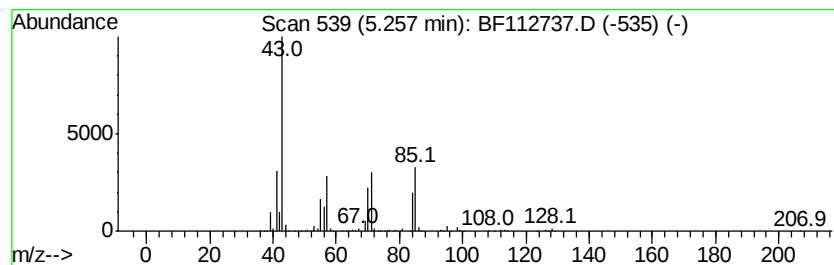
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.26	21.79 ng	6086420	1,4-Dichlorobenzene-d4	6.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	83
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	80
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	68
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	52
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
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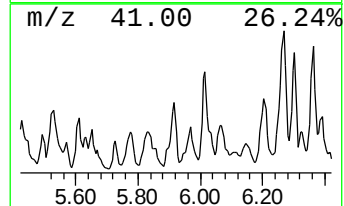
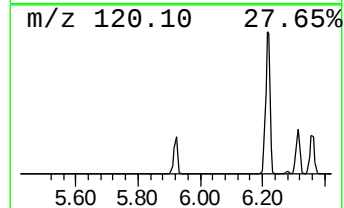
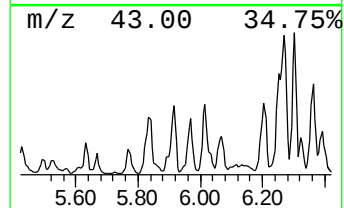
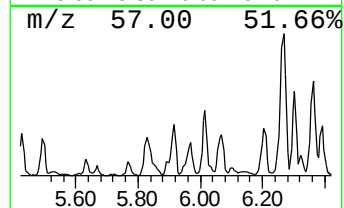
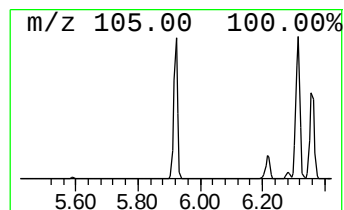
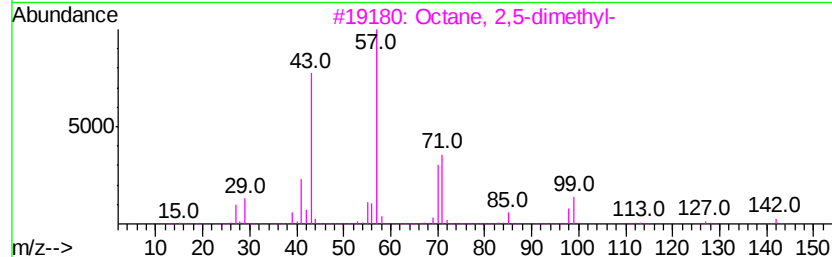
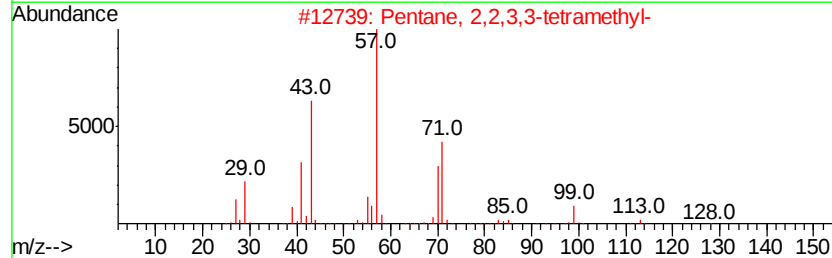
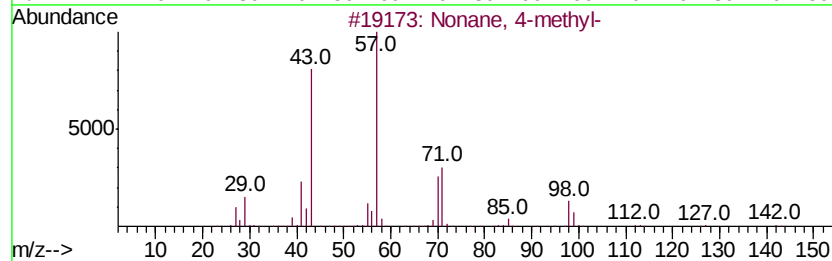
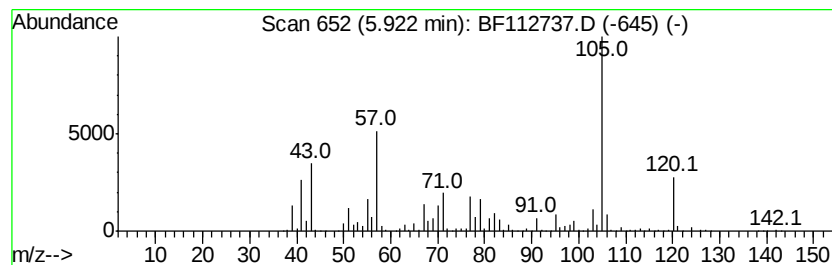
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonane, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
5.92	25.36 ng	7083380	1,4-Dichlorobenzene-d4	6.75		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 4-methyl-	142	C10H22	017301-94-9	50
2		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	38
3		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	38
4		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	27
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112737.D
Acq On : 27 Feb 2019 23:47
Operator : JU/SJ
Sample : K1594-22 2X
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ALS Vial : 20 Sample Multiplier: 1

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B-1(8-9)

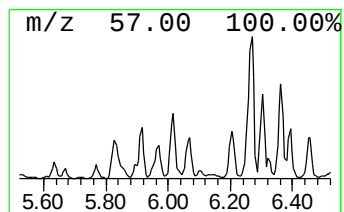
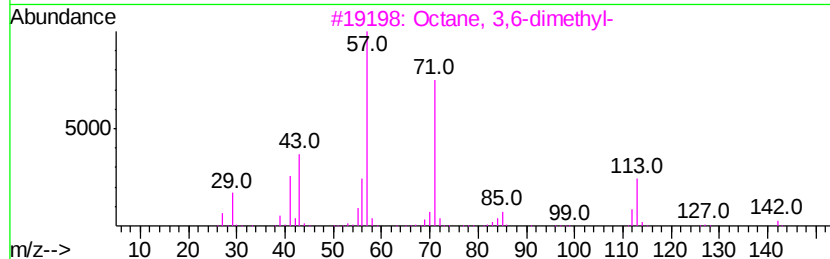
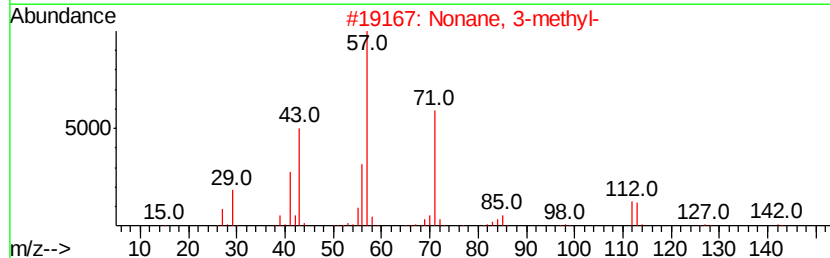
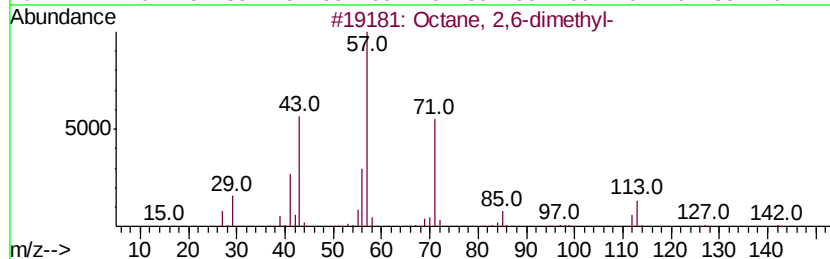
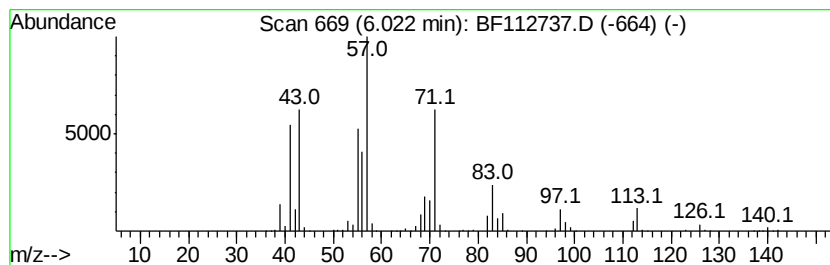
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	29.13 ng	8133620	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	76
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	70
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	68
4		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	50
5		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
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Instrument :
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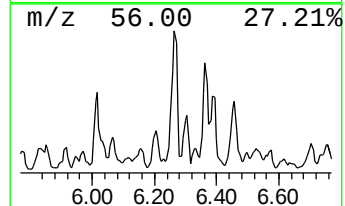
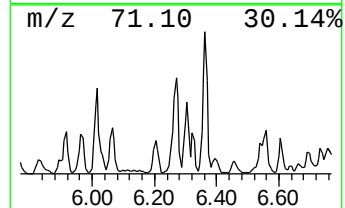
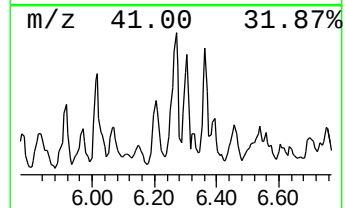
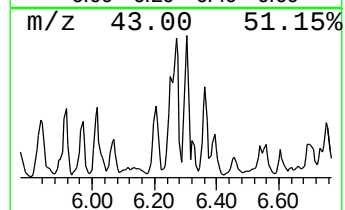
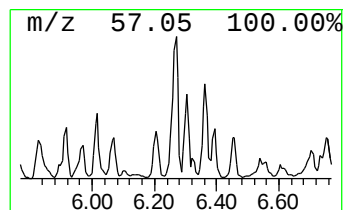
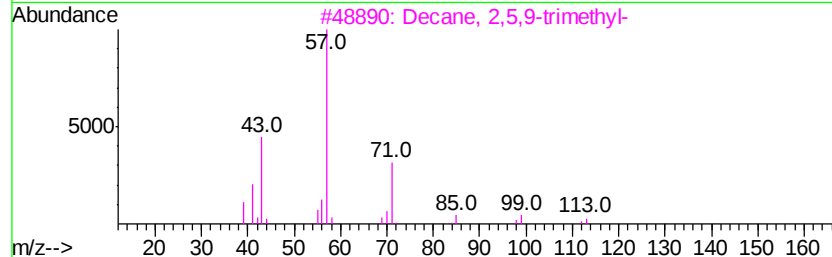
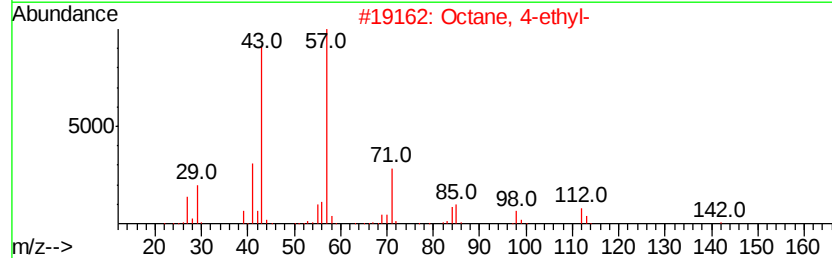
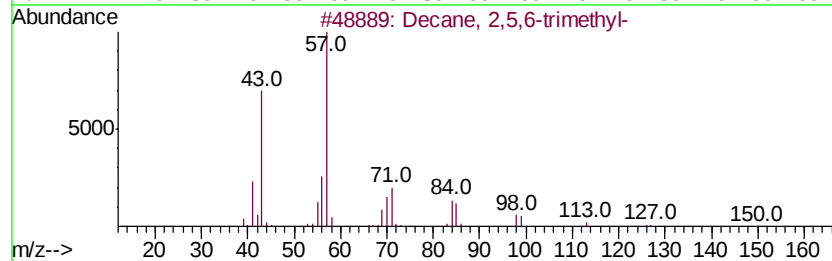
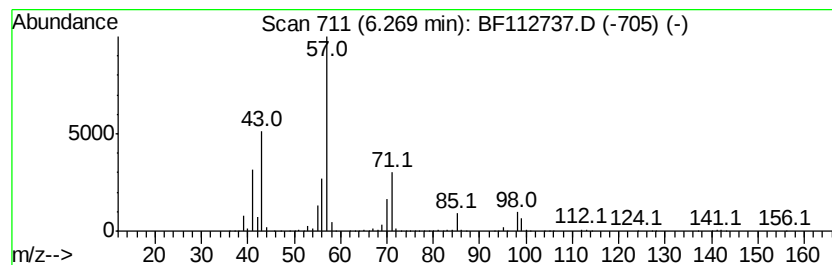
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Decane, 2,5,6-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	45.81 ng	12794000	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	59
2		Octane, 4-ethyl-	142	C10H22	015869-86-0	59
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53
4		Octane, 3-methyl-	128	C9H20	002216-33-3	53
5		Nonane, 4-methyl-	142	C10H22	017301-94-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112737.D
Acq On : 27 Feb 2019 23:47
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ClientSampleId :
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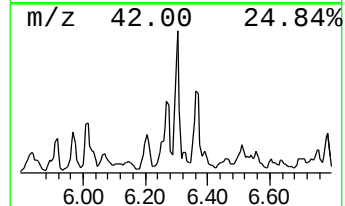
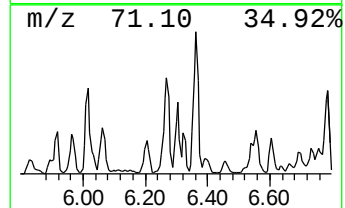
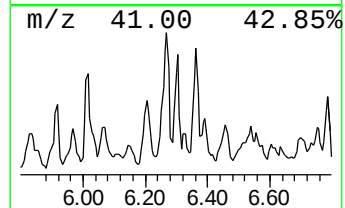
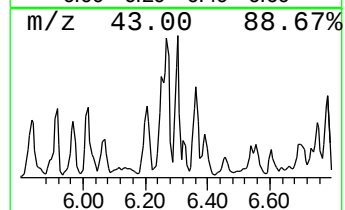
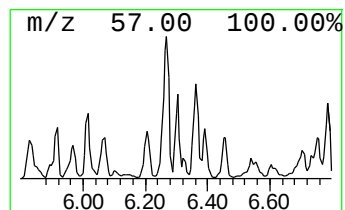
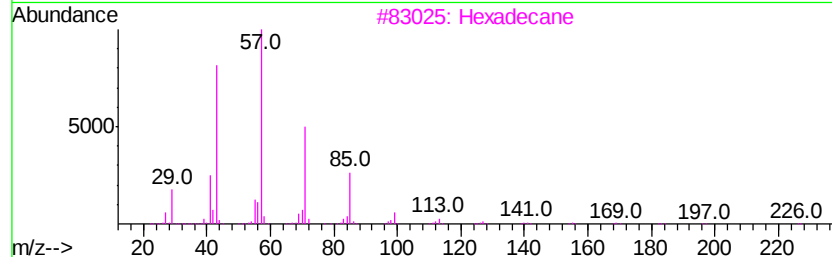
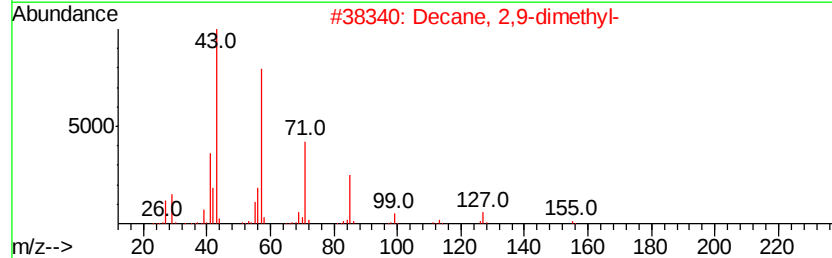
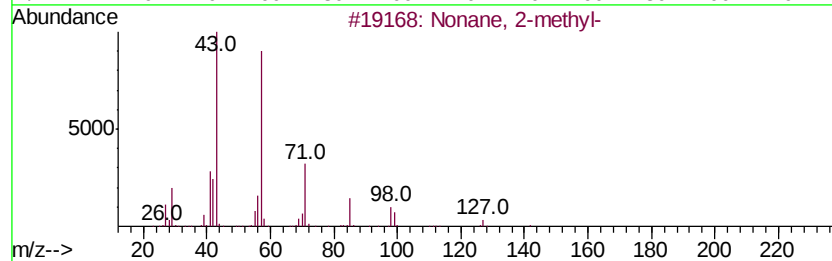
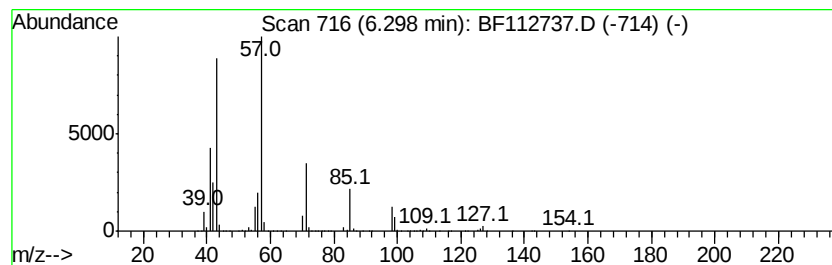
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Nonane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	35.82 ng	10004200	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-	142	C10H22	000871-83-0	87
2		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53
3		Hexadecane	226	C16H34	000544-76-3	53
4		Decane, 5-methyl-	156	C11H24	013151-35-4	53
5		Octadecane, 6-methyl-	268	C19H40	010544-96-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112737.D
Acq On : 27 Feb 2019 23:47
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ALS Vial : 20 Sample Multiplier: 1

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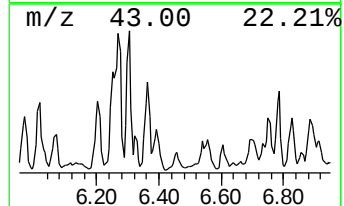
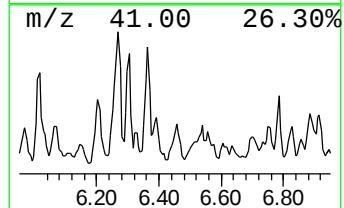
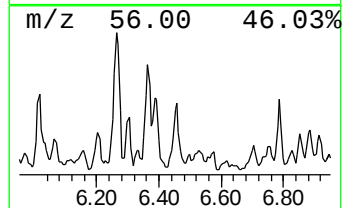
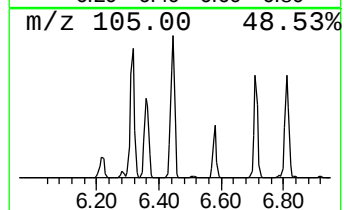
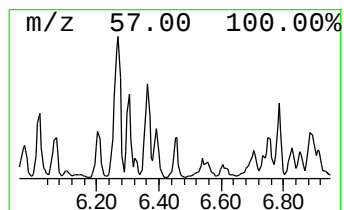
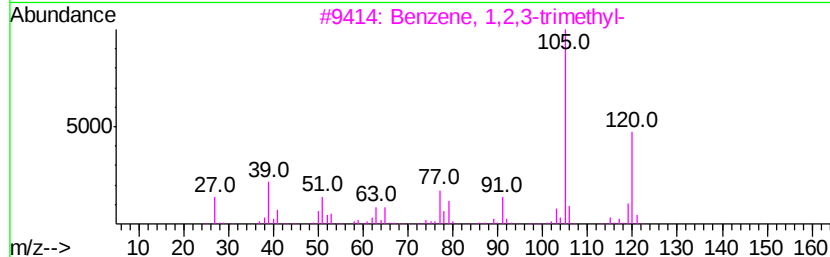
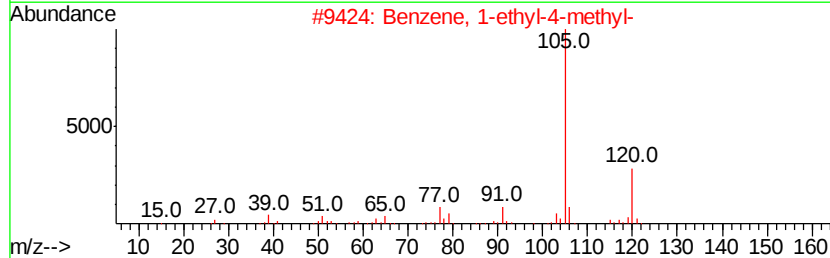
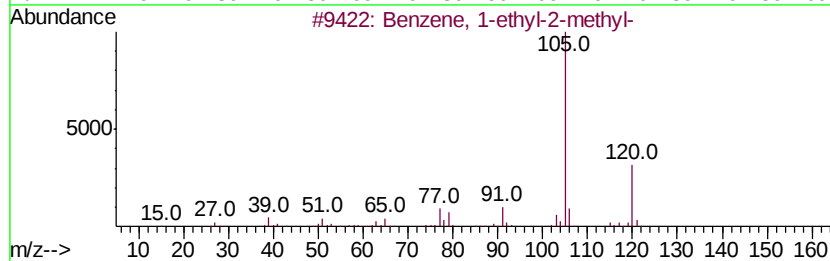
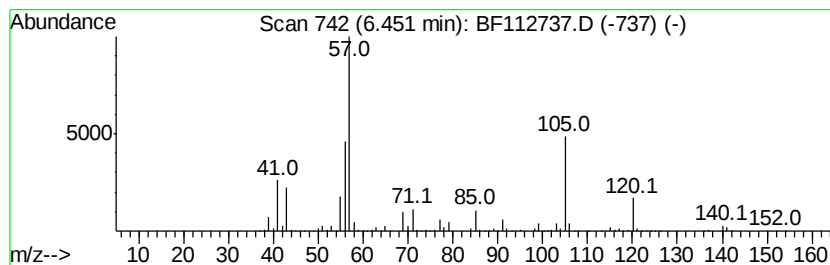
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	22.89 ng	6393530	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	93
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
5		Mesitylene	120	C9H12	000108-67-8	87



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Data File : BF112737.D
Acq On : 27 Feb 2019 23:47
Operator : JU/SJ
Sample : K1594-22 2X
Misc :
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ClientSampleId :
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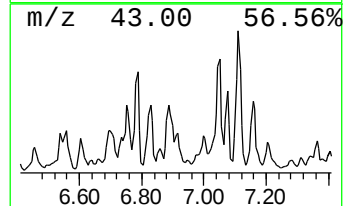
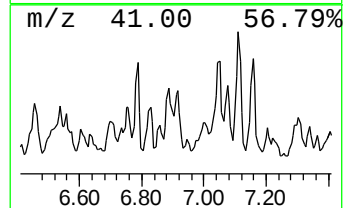
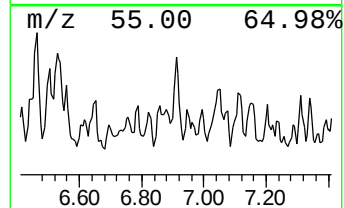
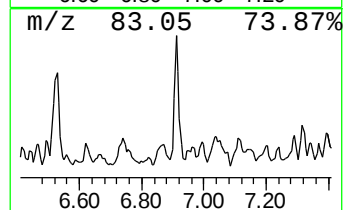
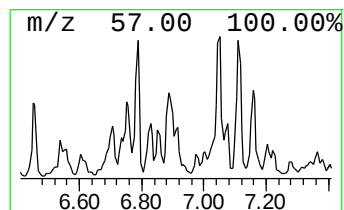
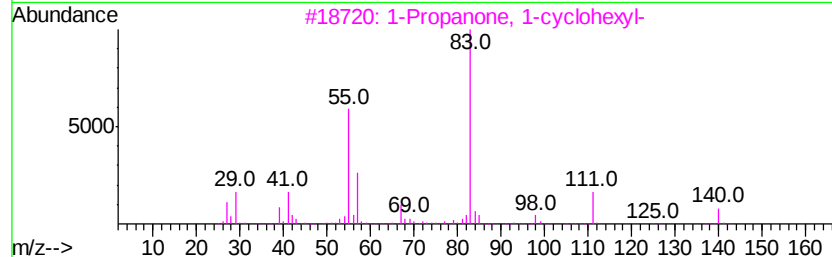
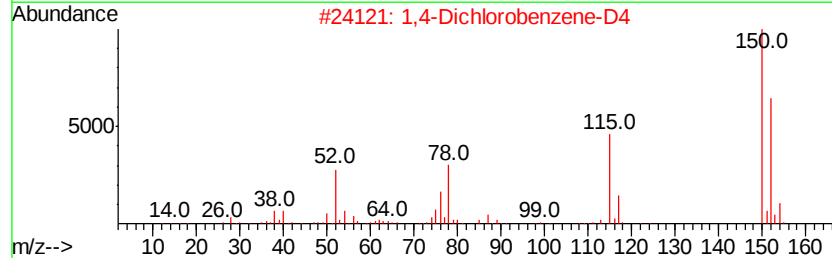
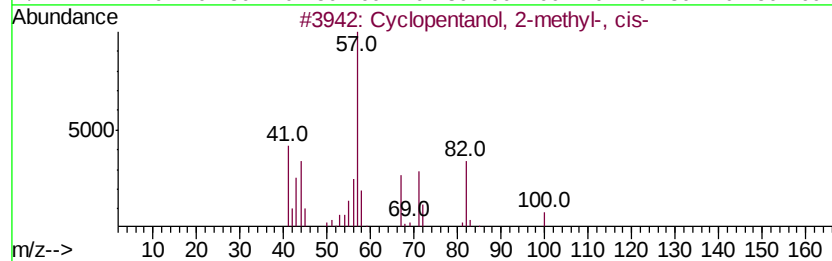
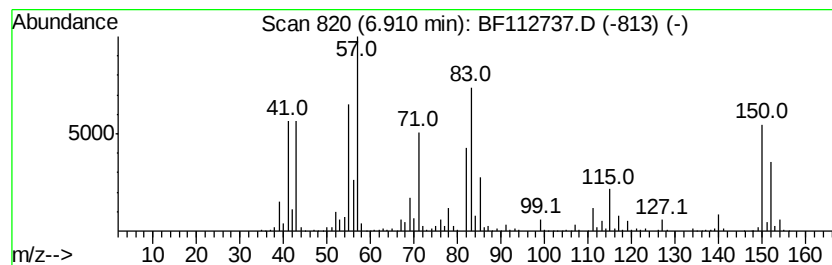
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown6.91 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	33.05 ng	9230810	1,4-Dichlorobenzene-d4	6.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	27
2			1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	25
3			1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	22
4			Decane, 3-methyl-	156	C11H24	013151-34-3	18
5			1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
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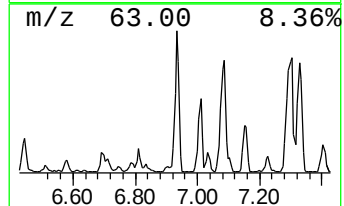
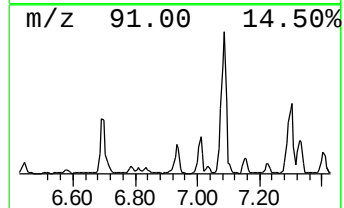
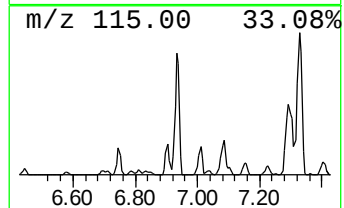
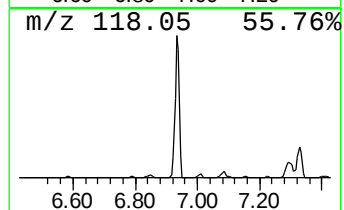
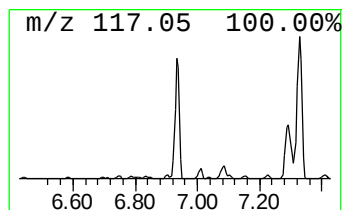
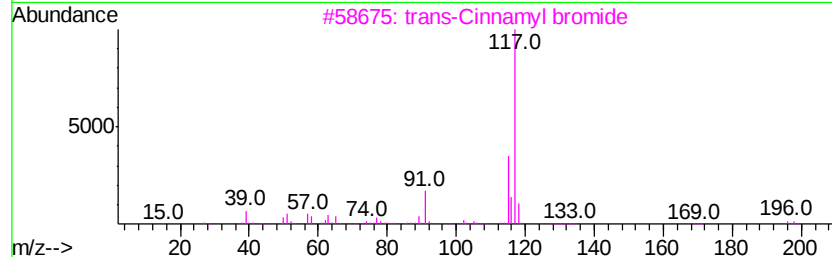
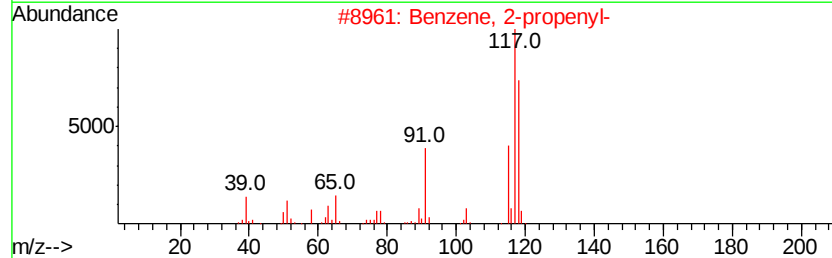
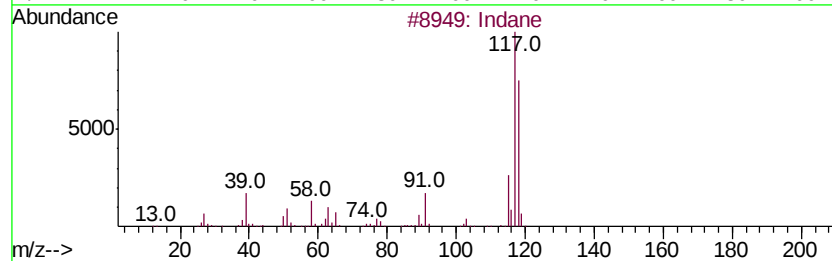
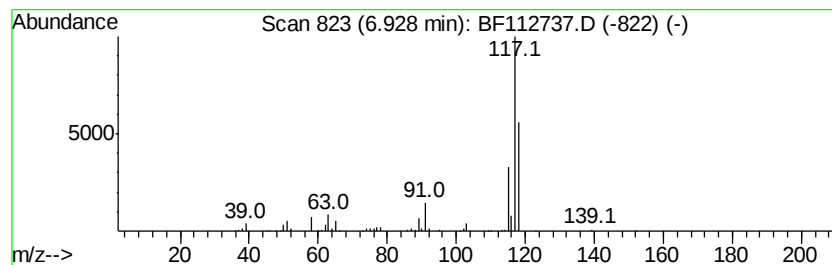
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Indane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	21.80 ng	6088550	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	87
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
3		trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
4		Deltacyclene	118	C9H10	007785-10-6	59
5		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59



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Data File : BF112737.D
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Operator : JU/SJ
Sample : K1594-22 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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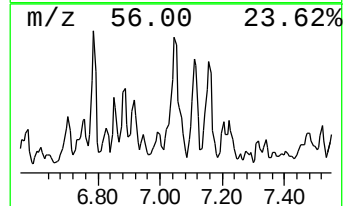
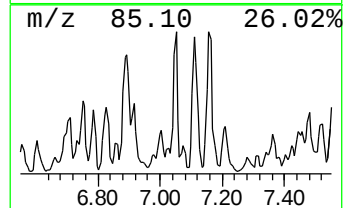
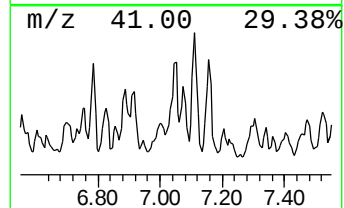
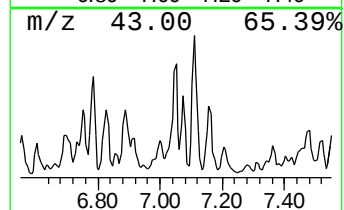
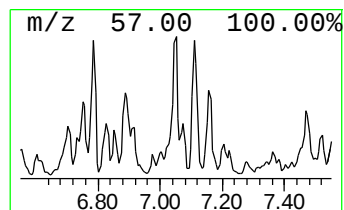
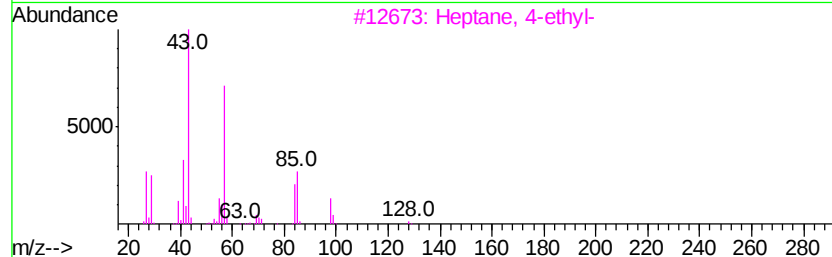
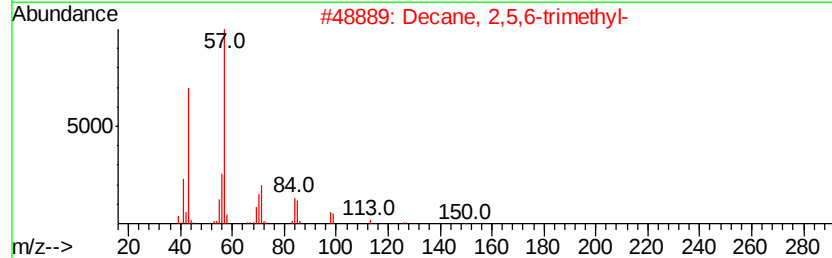
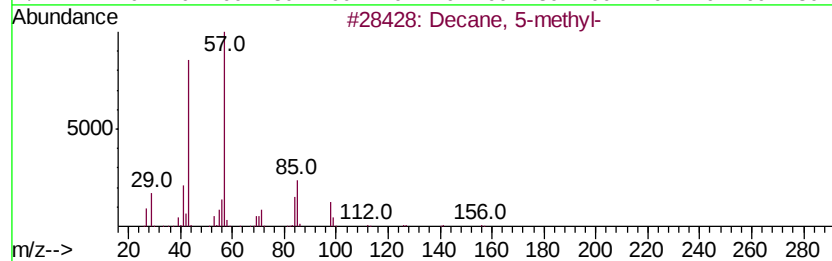
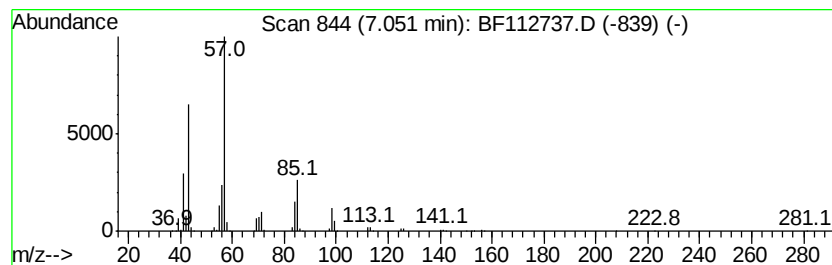
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Decane, 5-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	28.58 ng	7981540	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	76
2		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
3		Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
5		Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
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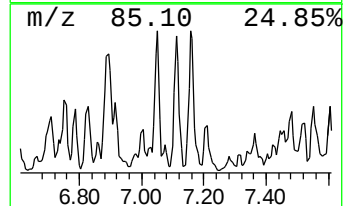
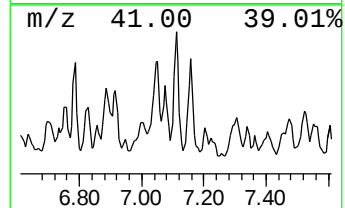
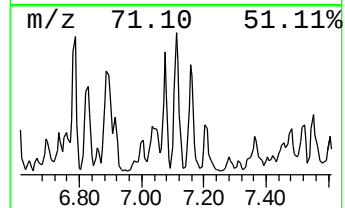
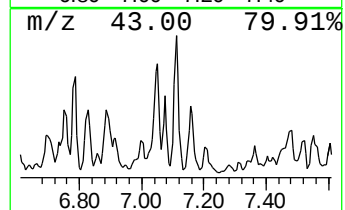
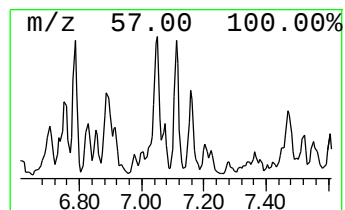
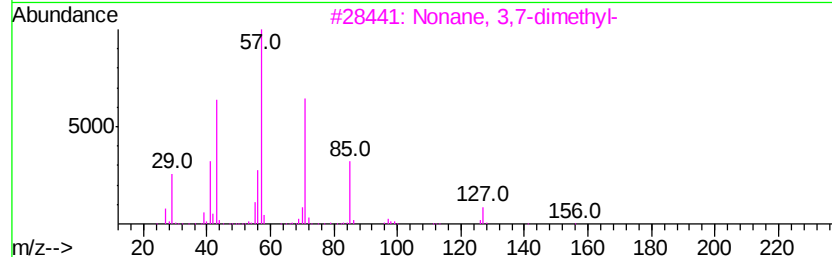
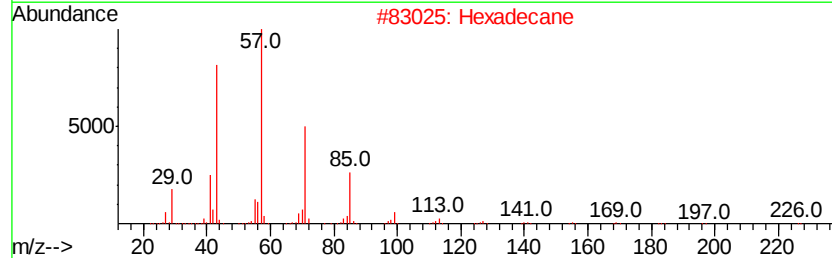
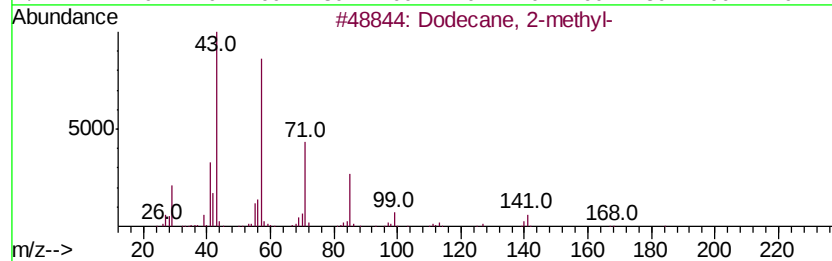
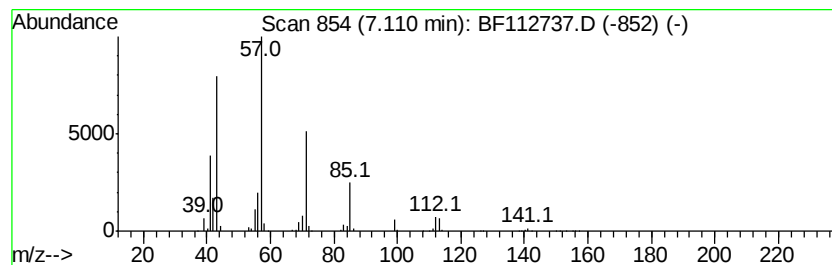
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 17 Dodecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	21.64 ng	6042730	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
2		Hexadecane	226	C16H34	000544-76-3	72
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59



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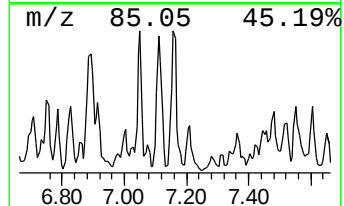
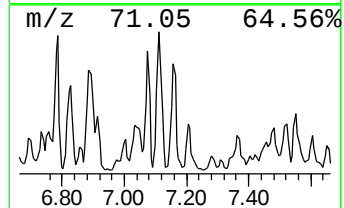
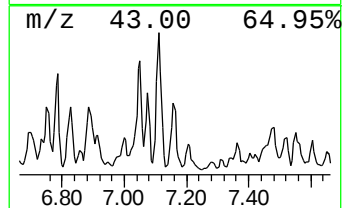
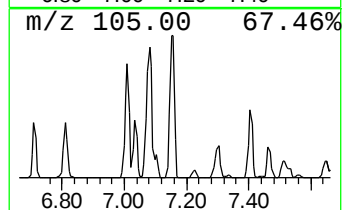
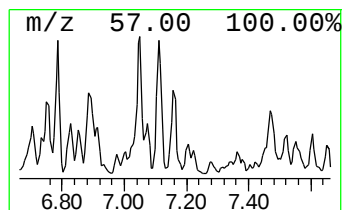
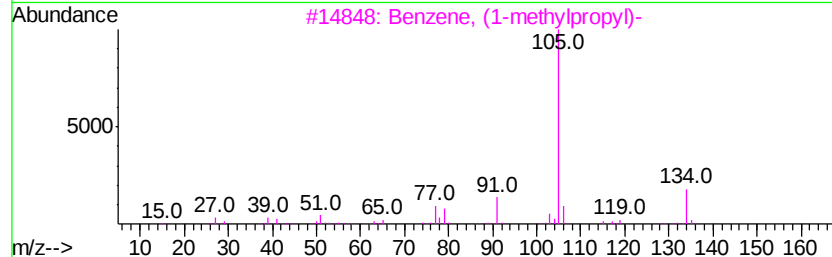
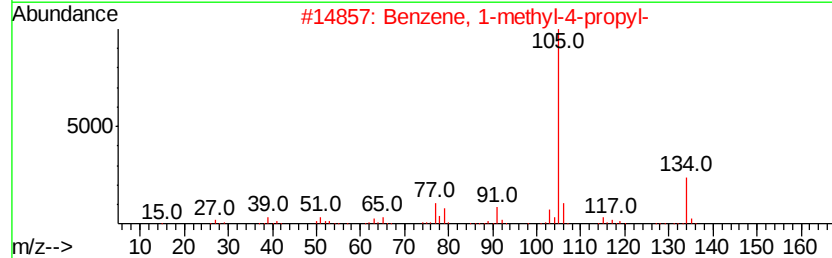
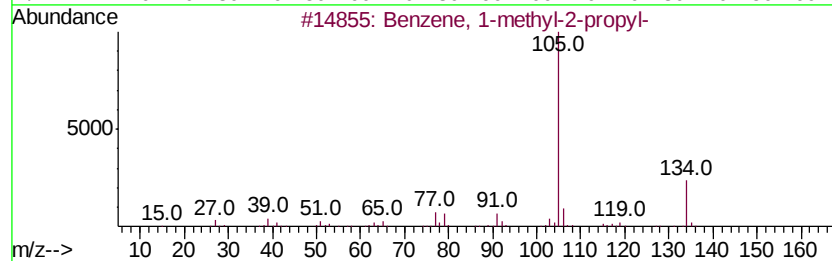
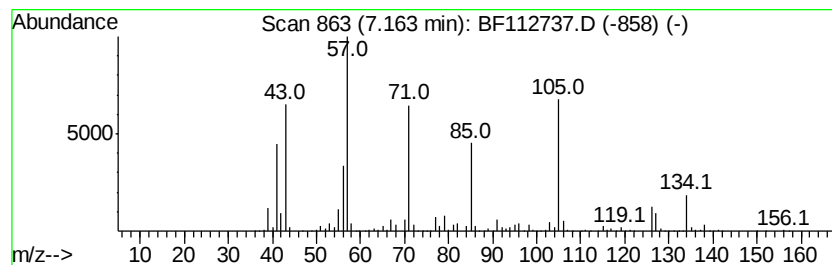
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1-methyl-2-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	29.96 ng	8365660	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	49
5		2-Tolyloxirane	134	C9H10O	002783-26-8	49



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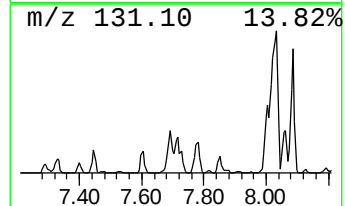
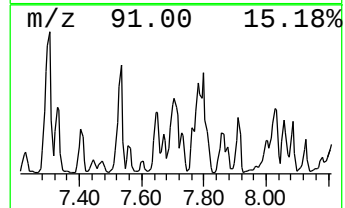
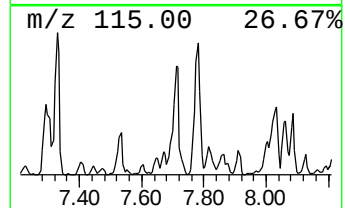
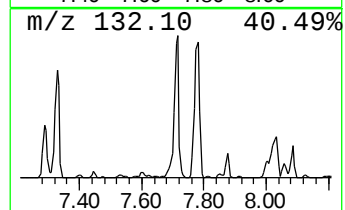
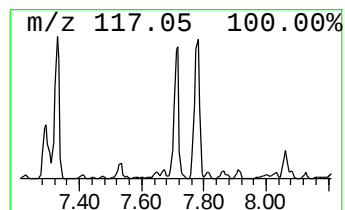
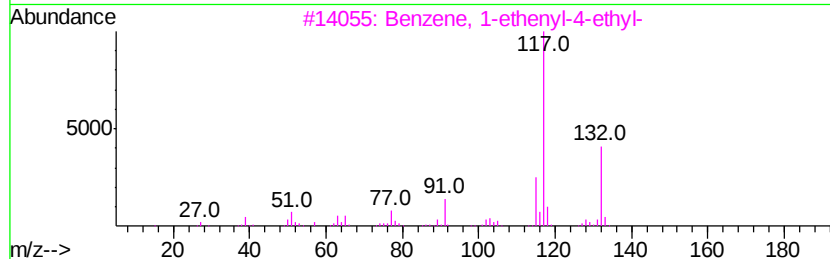
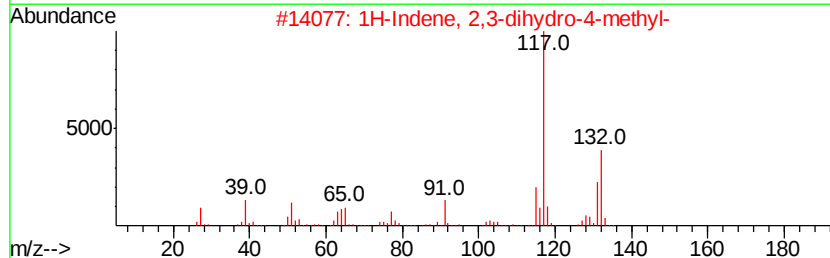
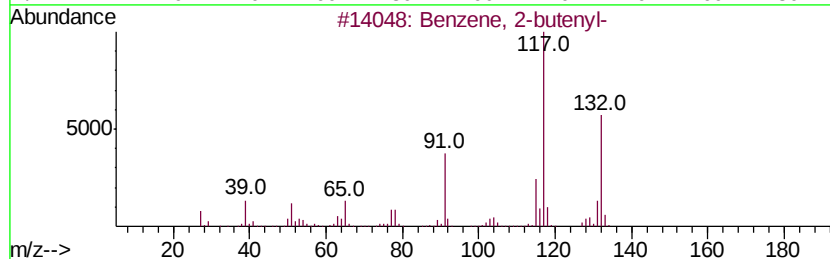
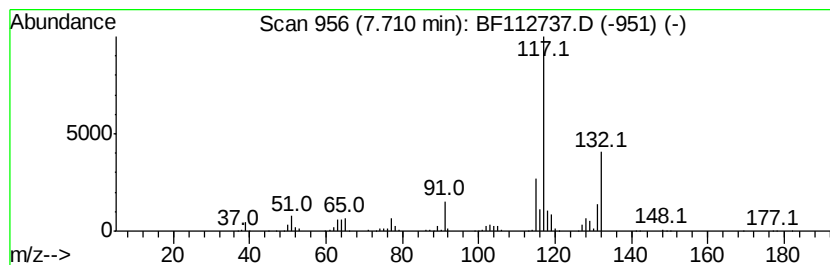
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzene, 2-butenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	24.81 ng	11413500	Napthalene-d8	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4		Indan, 1-methyl-	132	C10H12	000767-58-8	90
5		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112737.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
B-1(8-9)

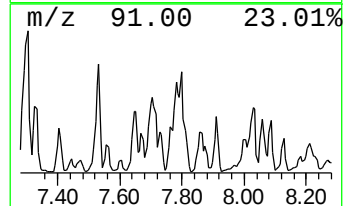
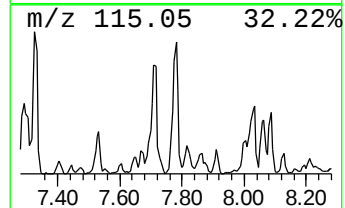
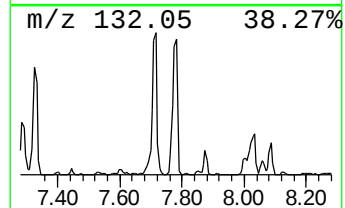
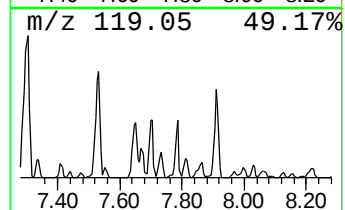
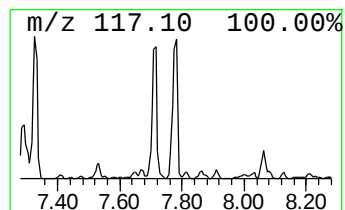
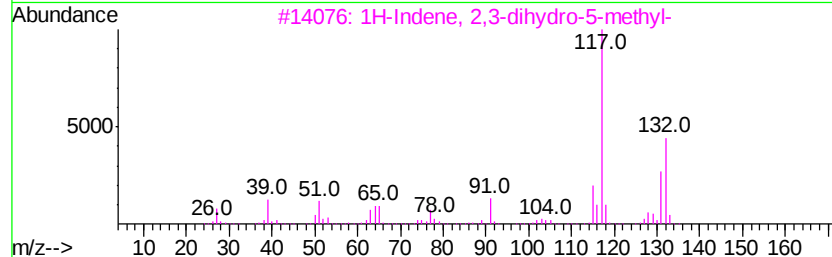
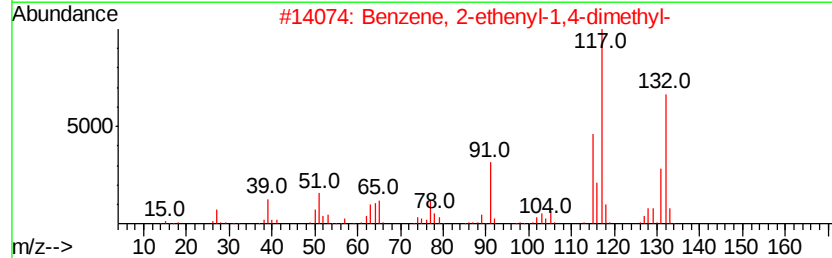
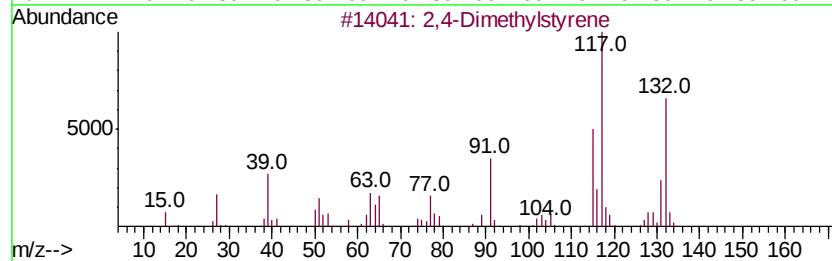
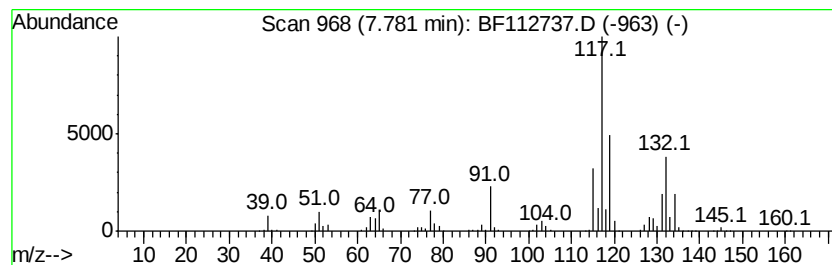
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2,4-Dimethylstyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	28.19 ng	12967900	Naphthalene-d8	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	89
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022719\
 Data File : BF112737.D
 Acq On : 27 Feb 2019 23:47
 Operator : JU/SJ
 Sample : K1594-22 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)

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
Heptane, 2-methyl-	3.73	23.0	ng	6426950	1	6.75	5585260	20.0
Hexane, 2,2,4-tri...	4.03	22.3	ng	6221600	1	6.75	5585260	20.0
Cyclopentene, 1,2...	4.48	23.0	ng	6417370	1	6.75	5585260	20.0
Heptane, 2,5-dime...	4.89	24.9	ng	6968660	1	6.75	5585260	20.0
Octane, 4-methyl-	5.26	21.8	ng	6086420	1	6.75	5585260	20.0
Nonane, 4-methyl-	5.92	25.4	ng	7083380	1	6.75	5585260	20.0
Octane, 2,6-dimet...	6.02	29.1	ng	8133620	1	6.75	5585260	20.0
Decane, 2,5,6-tri...	6.27	45.8	ng	12794000	1	6.75	5585260	20.0
Nonane, 2-methyl-	6.30	35.8	ng	10004200	1	6.75	5585260	20.0
Benzene, 1-ethyl-...	6.45	22.9	ng	6393530	1	6.75	5585260	20.0
unknown6.91	6.91	33.0	ng	9230810	1	6.75	5585260	20.0
Indane	6.93	21.8	ng	6088550	1	6.75	5585260	20.0
Decane, 5-methyl-	7.05	28.6	ng	7981540	1	6.75	5585260	20.0
Dodecane, 2-methyl-	7.11	21.6	ng	6042730	1	6.75	5585260	20.0
Benzene, 1-methyl...	7.16	30.0	ng	8365660	1	6.75	5585260	20.0
Benzene, 2-butenyl-	7.71	24.8	ng	11413500	2	8.03	9199100	20.0
2,4-Dimethylstyrene	7.78	28.2	ng	12967900	2	8.03	9199100	20.0