

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090618\
 Data File : BF108839.D
 Acq On : 6 Sep 2018 22:31
 Operator : JU/SJ
 Sample : J4803-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-H7

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-BF090518.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	4.884	422	433	437	rBV3	120834	205450	1.30%	0.064%
2	4.943	437	443	448	rVV2	234684	334323	2.11%	0.103%
3	5.154	474	479	482	rBV	458403	506586	3.20%	0.157%
4	5.243	490	494	496	rBV	303969	276742	1.75%	0.086%
5	5.343	508	511	516	rVB	3409561	3465595	21.92%	1.071%
6	5.431	521	526	529	rBV2	245289	251711	1.59%	0.078%
7	5.513	536	540	545	rBV2	679259	823419	5.21%	0.255%
8	5.560	545	548	551	rVB	1006604	907823	5.74%	0.281%
9	5.601	551	555	557	rBV	649472	695054	4.40%	0.215%
10	5.672	562	567	571	rBV2	505232	507850	3.21%	0.157%
11	5.766	575	583	587	rBV2	1574973	2252244	14.25%	0.696%
12	5.825	587	593	596	rBV2	1247556	2121353	13.42%	0.656%
13	5.854	596	598	601	rVB3	380584	388780	2.46%	0.120%
14	5.901	601	606	611	rVB	3171609	3848594	24.35%	1.190%
15	5.960	611	616	620	rBV2	1739616	2683755	16.98%	0.830%
16	6.007	620	624	630	rBV2	7298132	9409468	59.52%	2.909%
17	6.066	630	634	636	rBV	4174469	4285657	27.11%	1.325%
18	6.090	636	638	641	rVB3	676932	799326	5.06%	0.247%
19	6.119	641	643	645	rVB	920212	708564	4.48%	0.219%
20	6.143	645	647	650	rVB	1063852	914365	5.78%	0.283%
21	6.196	650	656	659	rBV2	4199623	6094679	38.56%	1.884%
22	6.260	659	667	669	rBV2	4605420	6392344	40.44%	1.976%
23	6.290	669	672	675	rVB3	2581306	2818566	17.83%	0.871%
24	6.354	680	683	688	rBV3	5395701	8506944	53.82%	2.630%
25	6.407	689	692	694	rVV	2556485	2921996	18.48%	0.903%
26	6.425	694	695	698	rVV3	2748581	2295043	14.52%	0.709%
27	6.454	698	700	703	rVB	2347158	2025776	12.82%	0.626%
28	6.501	703	708	712	rBV4	6308543	12248448	77.48%	3.786%
29	6.537	712	714	719	rVV3	3555960	4917893	31.11%	1.520%
30	6.613	722	727	730	rVV3	3312535	5511547	34.87%	1.704%
31	6.643	730	732	734	rVV	971338	1111028	7.03%	0.343%
32	6.666	734	736	737	rVV2	1180745	1162148	7.35%	0.359%
33	6.701	737	742	744	rVV5	2853496	5581583	35.31%	1.725%
34	6.748	744	750	752	rVV4	4229369	10065681	63.68%	3.111%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.790	752	757	759	rVV	10569539	15807740	100.00%	4.886%
36	6.813	759	761	766	rVV3	5307978	9611502	60.80%	2.971%
37	6.860	766	769	770	rVV3	3443691	4124910	26.09%	1.275%
38	6.884	770	773	774	rVV	4832727	5698885	36.05%	1.762%
39	6.913	774	778	781	rVV4	8776355	14113158	89.28%	4.363%
40	6.943	781	783	786	rVV	3473303	3563488	22.54%	1.102%
41	6.972	786	788	789	rVV	1848582	1572861	9.95%	0.486%
42	7.001	789	793	795	rVV4	4113080	6240224	39.48%	1.929%
43	7.031	795	798	802	rVV3	7326944	12654484	80.05%	3.912%
44	7.072	802	805	808	rVV2	7873634	8929505	56.49%	2.760%
45	7.107	808	811	814	rVV2	5626427	7016509	44.39%	2.169%
46	7.148	814	818	821	rVV	8087164	10521960	66.56%	3.253%
47	7.184	821	824	826	rVV2	2499524	3586860	22.69%	1.109%
48	7.219	828	830	832	rVV	2469216	2800898	17.72%	0.866%
49	7.242	832	834	837	rVV2	3728022	4454615	28.18%	1.377%
50	7.290	837	842	846	rVV3	7837892	14427189	91.27%	4.460%
51	7.337	848	850	852	rVV2	3937423	4325547	27.36%	1.337%
52	7.360	852	854	856	rVV2	3057542	2912332	18.42%	0.900%
53	7.401	856	861	865	rVV4	5846627	9889655	62.56%	3.057%
54	7.437	865	867	870	rVV3	3270795	4350955	27.52%	1.345%
55	7.472	870	873	876	rVV2	5169574	6257498	39.59%	1.934%
56	7.519	876	881	883	rVV3	3160460	5280978	33.41%	1.632%
57	7.548	883	886	892	rVV3	6130653	8828401	55.85%	2.729%
58	7.595	892	894	896	rVV	1089934	749990	4.74%	0.232%
59	7.660	902	905	906	rBV2	2242054	1759356	11.13%	0.544%
60	7.719	912	915	918	rBV2	2679588	2834432	17.93%	0.876%
61	7.754	918	921	922	rVV2	2980542	2650350	16.77%	0.819%
62	7.772	922	924	926	rVV2	3231687	2963694	18.75%	0.916%
63	7.801	926	929	931	rVB2	2400046	2547160	16.11%	0.787%
64	7.837	932	935	936	rVV2	2135410	1852681	11.72%	0.573%
65	7.866	938	940	943	rVB2	2251861	1907317	12.07%	0.590%
66	7.901	943	946	948	rBV	1371303	1195657	7.56%	0.370%
67	7.937	950	952	954	rVB2	447756	322996	2.04%	0.100%
68	7.972	955	958	959	rBV	1095176	830247	5.25%	0.257%
69	8.019	962	966	969	rVV	3712907	3621825	22.91%	1.120%
70	8.048	969	971	974	rVV4	763075	1066732	6.75%	0.330%
71	8.072	974	975	978	rVV3	875321	882141	5.58%	0.273%

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72	8.101	978	980	982	rVV	1582722	1258855	7.96%	0.389%
73	8.119	982	983	986	rVB2	594892	392607	2.48%	0.121%
74	8.154	986	989	991	rVB3	410945	393616	2.49%	0.122%
75	8.178	991	993	995	rBV	286837	282597	1.79%	0.087%
76	8.201	995	997	1001	rVV3	309832	337080	2.13%	0.104%
77	8.237	1001	1003	1006	rVB2	261937	214038	1.35%	0.066%
78	8.319	1013	1017	1020	rVB6	457887	569124	3.60%	0.176%
79	8.407	1029	1032	1036	rVB5	198213	220510	1.39%	0.068%
80	8.454	1037	1040	1044	rBV2	470328	472227	2.99%	0.146%
81	8.525	1049	1052	1055	rVB2	211138	203909	1.29%	0.063%
82	8.625	1066	1069	1073	rVB	276594	243916	1.54%	0.075%
83	8.713	1081	1084	1089	rVB2	344665	356564	2.26%	0.110%
84	9.089	1144	1148	1151	rVB	4089182	3495313	22.11%	1.080%
85	9.184	1158	1164	1168	rBV3	200686	255352	1.62%	0.079%
86	9.484	1212	1215	1217	rBV	1269522	917647	5.81%	0.284%
87	9.766	1259	1263	1267	rVB	1977630	1634274	10.34%	0.505%
88	10.542	1392	1395	1399	rBV	2027394	1923887	12.17%	0.595%
89	11.242	1510	1514	1517	rVB	1746067	1506277	9.53%	0.466%
90	11.783	1602	1606	1609	rBV	241290	254710	1.61%	0.079%
91	12.495	1724	1727	1732	rBV	371460	351934	2.23%	0.109%
92	12.824	1779	1783	1786	rBV	3367251	2999959	18.98%	0.927%
93	13.383	1875	1878	1881	rBV	222203	215223	1.36%	0.067%
94	13.736	1935	1938	1945	rVB2	219552	292455	1.85%	0.090%
95	13.866	1956	1960	1963	rBV	2257035	2009961	12.72%	0.621%
96	14.624	2086	2089	2092	rBV	485305	513597	3.25%	0.159%
97	14.654	2092	2094	2101	rVV	167527	220283	1.39%	0.068%
98	14.724	2103	2106	2111	rVB	603359	559951	3.54%	0.173%
99	15.271	2194	2199	2205	rVB	1544428	1729570	10.94%	0.535%
100	16.113	2337	2342	2351	rVB3	258548	479274	3.03%	0.148%

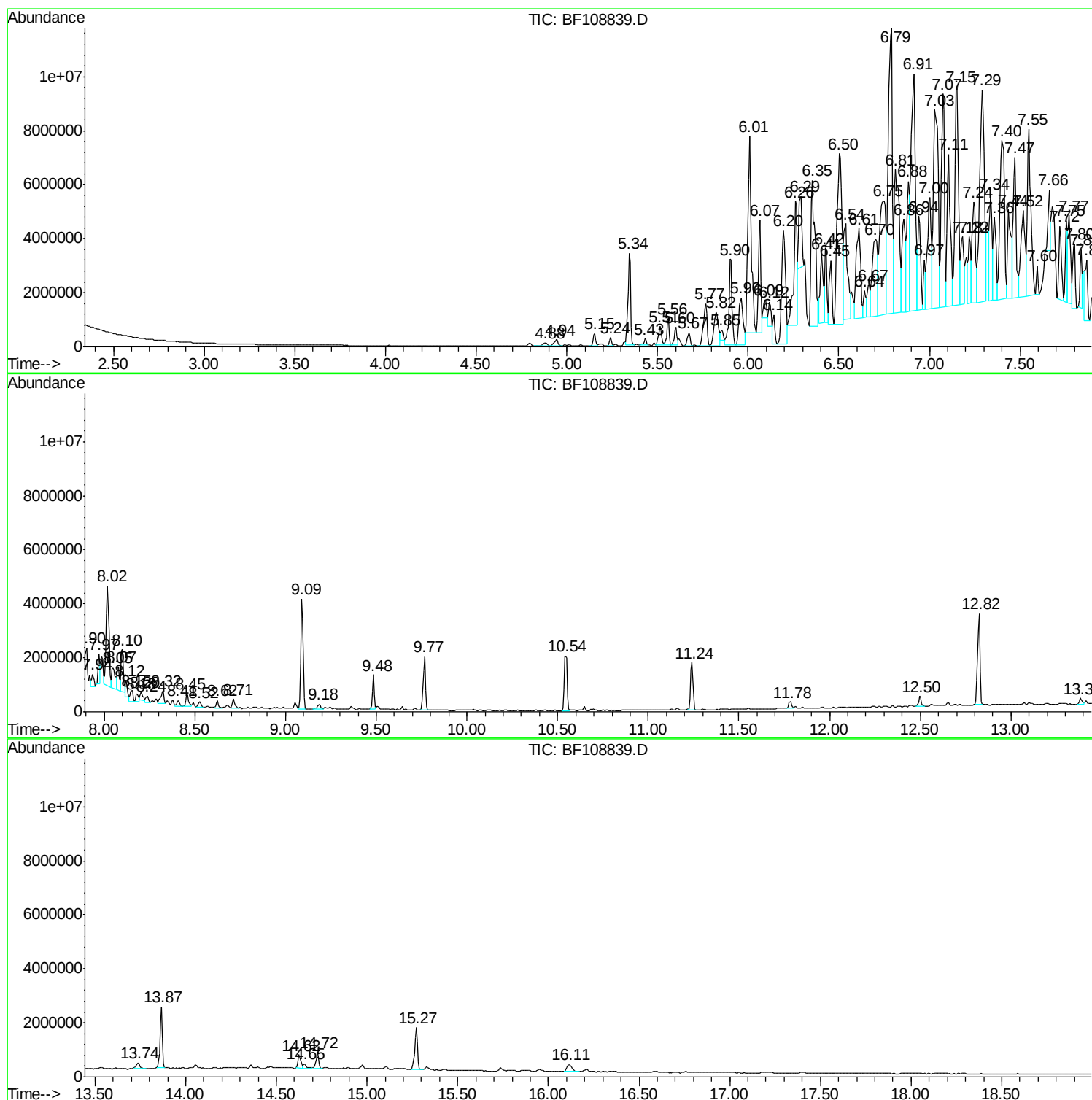
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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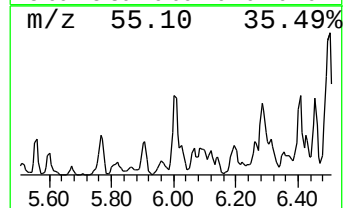
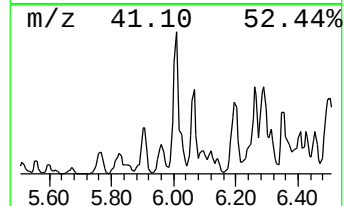
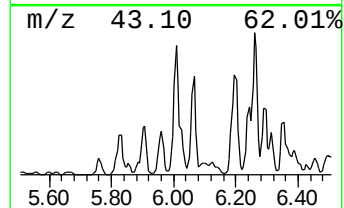
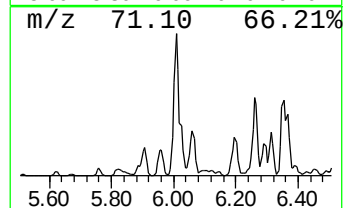
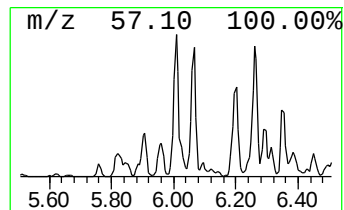
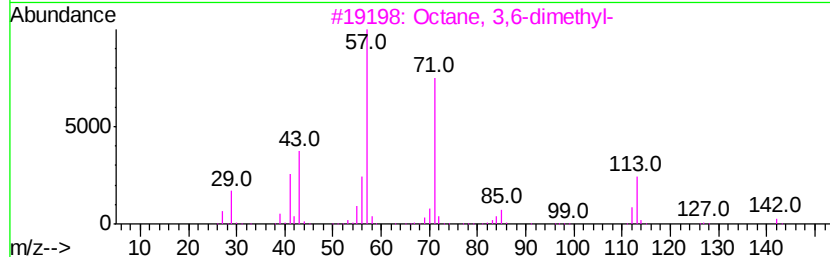
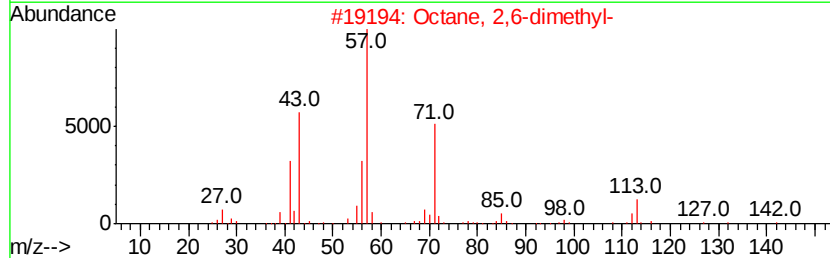
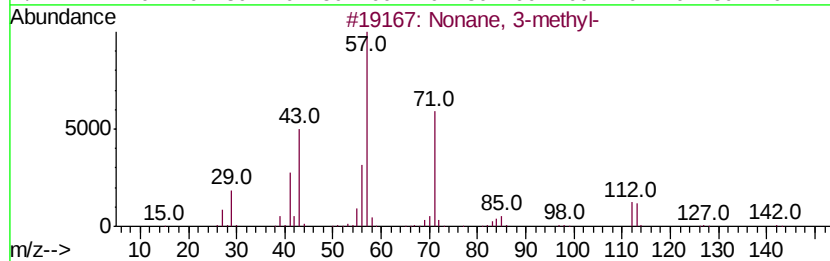
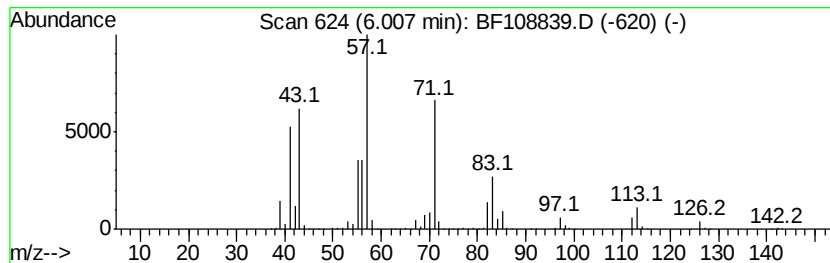
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	18.70 ng	9409470	1,4-Dichlorobenzene-d4	6.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	76
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53
5		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	50



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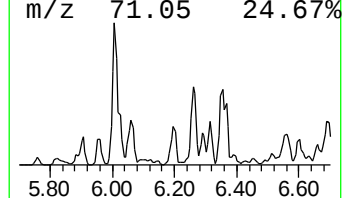
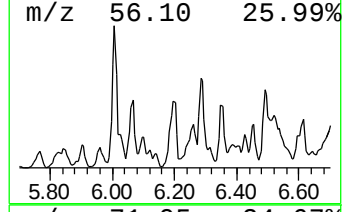
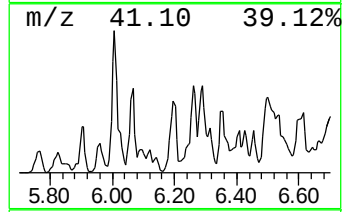
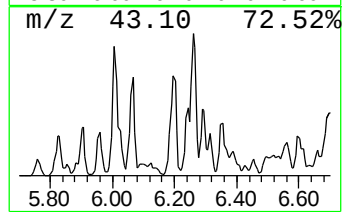
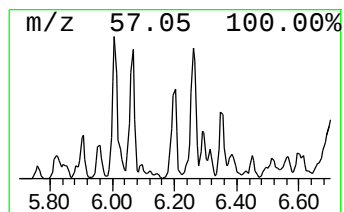
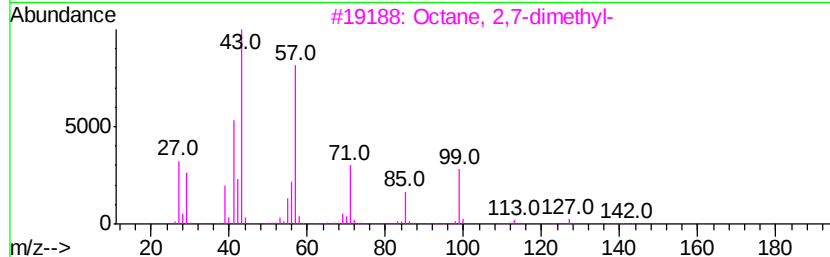
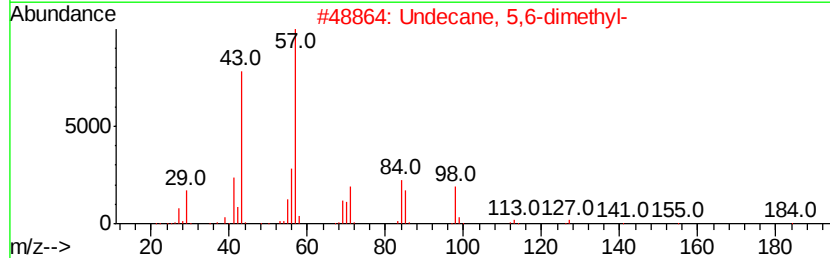
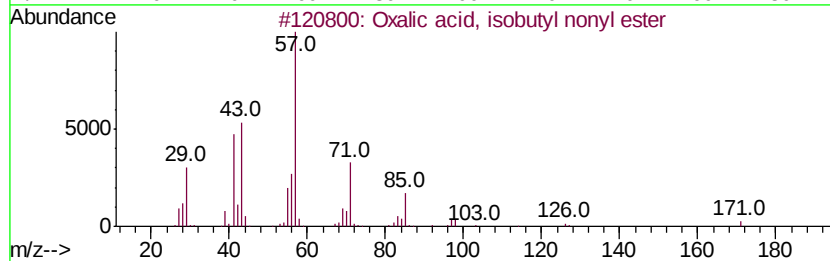
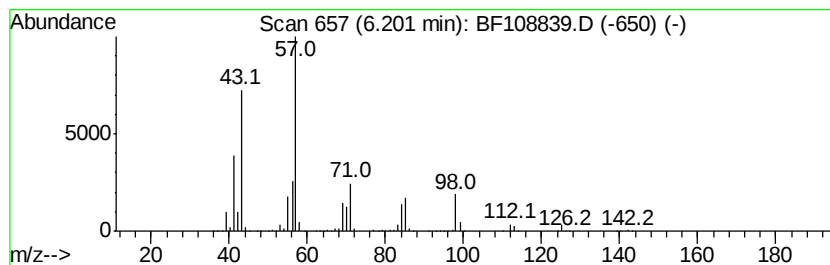
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Oxalic acid, isobutyl nonyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	12.11 ng	6094680	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	53
2		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
3		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	50
4		Nonane	128	C9H20	000111-84-2	49
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	49



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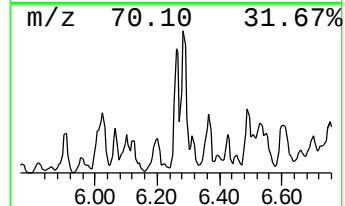
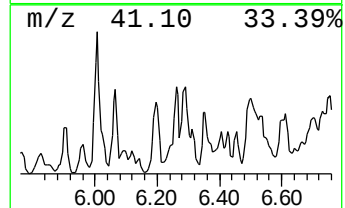
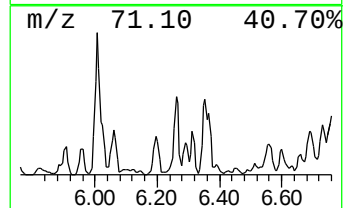
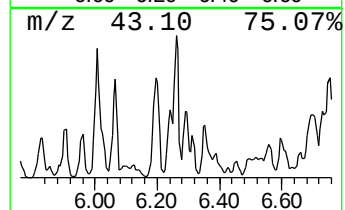
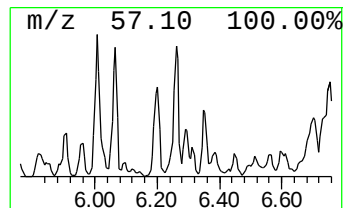
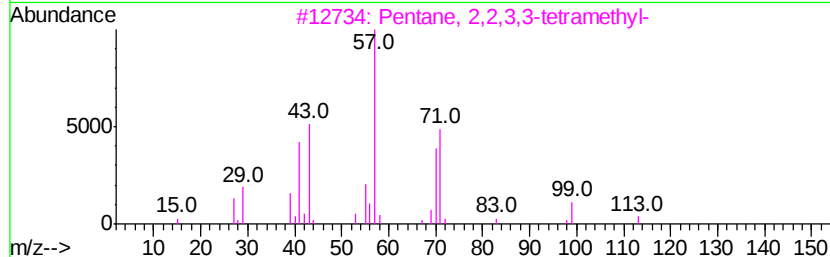
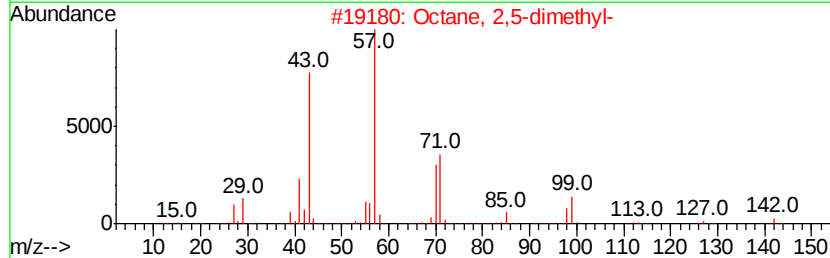
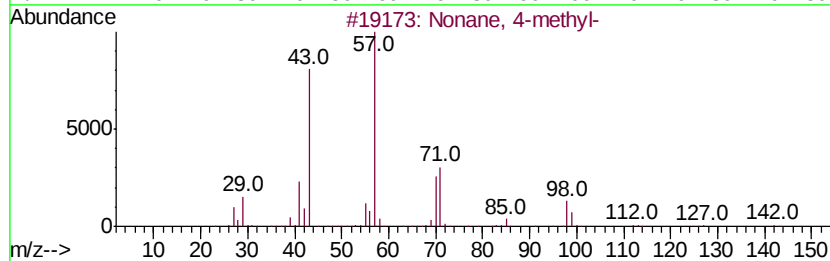
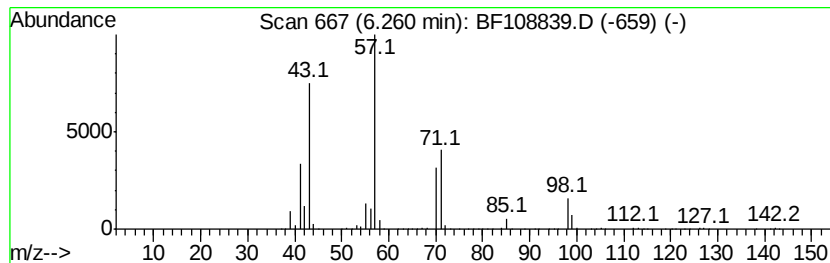
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	12.70 ng	6392340	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	87
2		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	83
3		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	78
4		Hexadecane	226	C16H34	000544-76-3	64
5		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59



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Acq On : 6 Sep 2018 22:31
Operator : JU/SJ
Sample : J4803-12
Misc :
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ClientSampleId :
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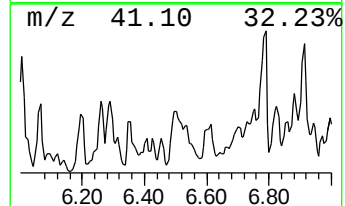
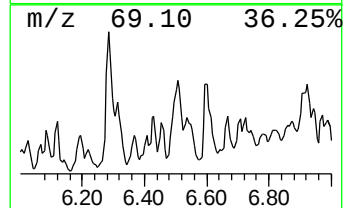
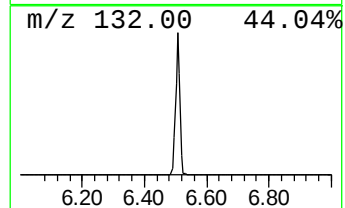
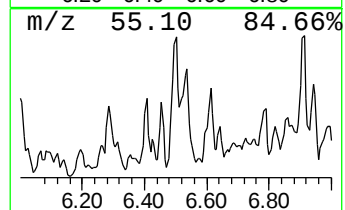
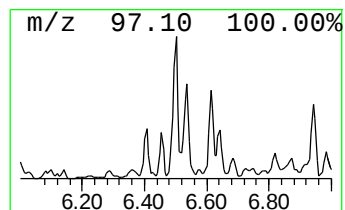
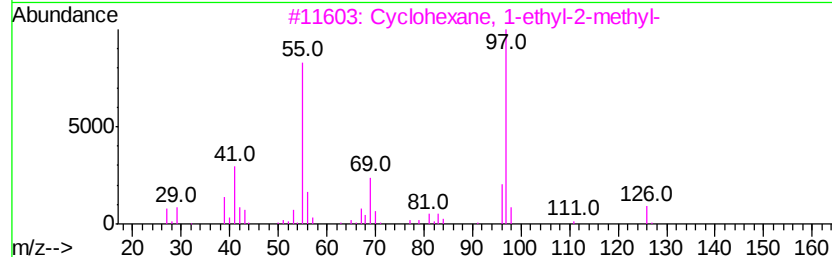
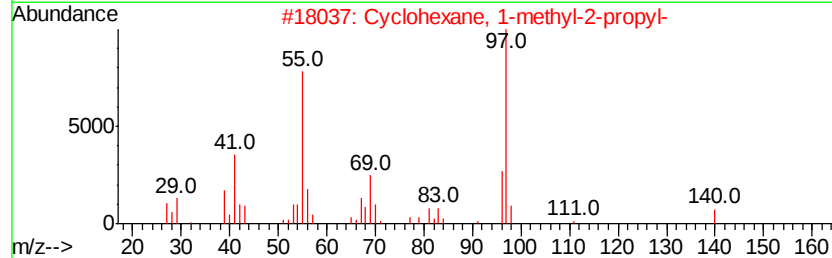
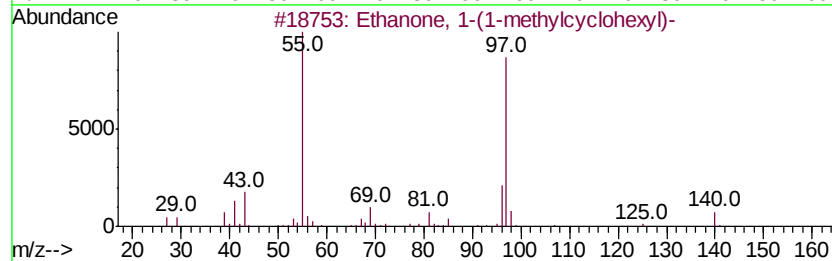
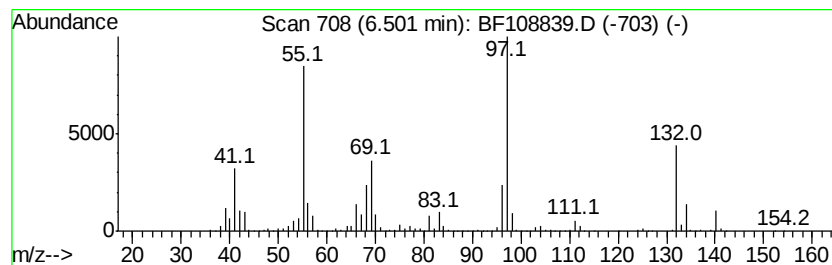
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.50 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	24.34 ng	12248400	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	49
2		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	49
3		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	47
4		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	45
5		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	43



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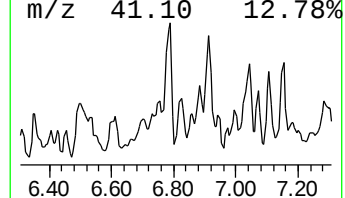
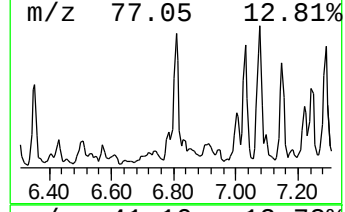
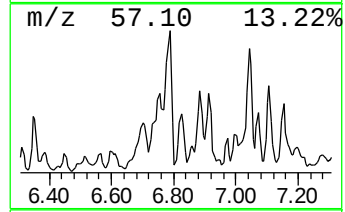
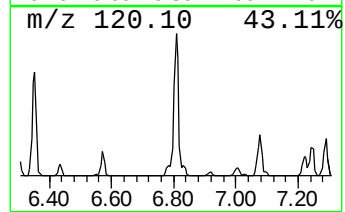
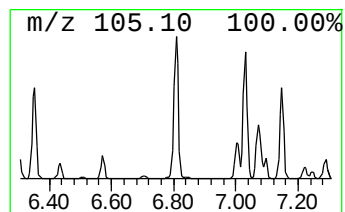
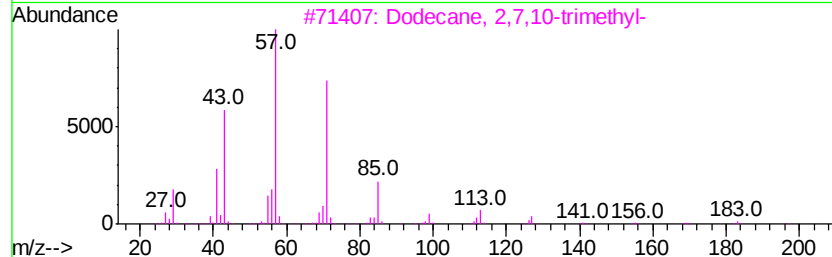
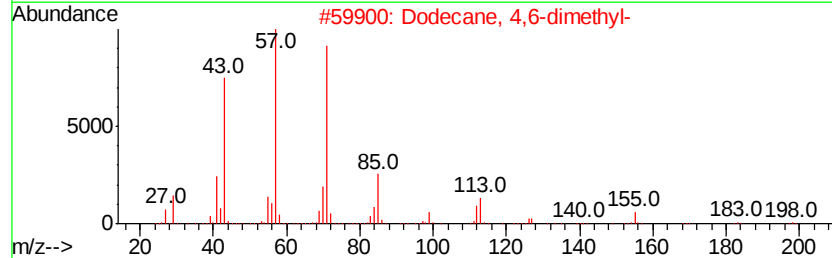
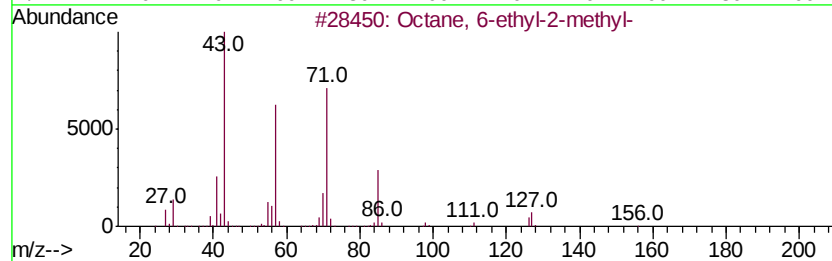
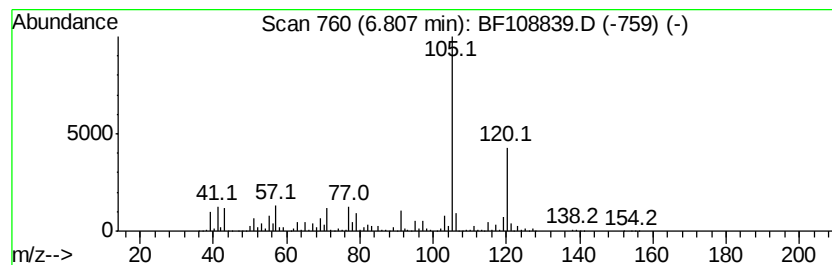
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.81 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	19.10 ng	9611500	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	38
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	38
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	35
4		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	35
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	35



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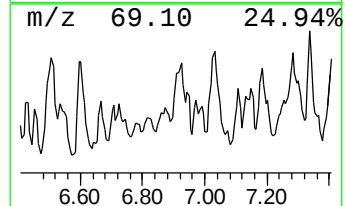
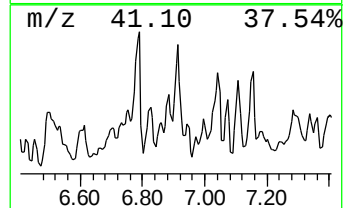
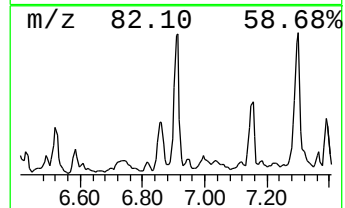
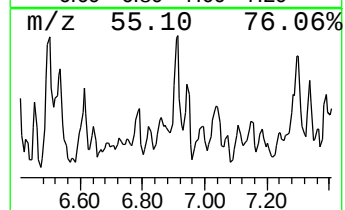
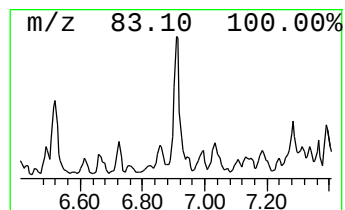
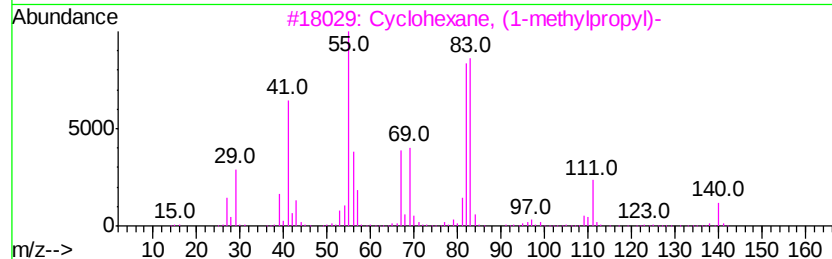
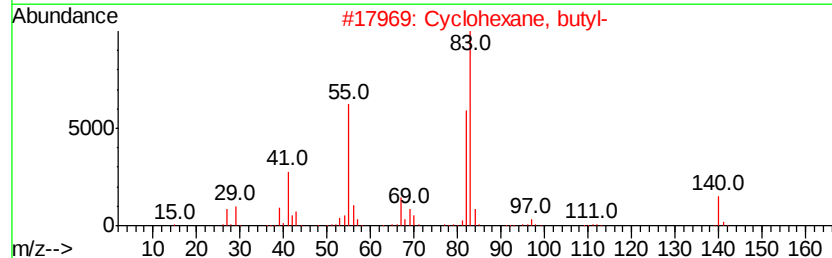
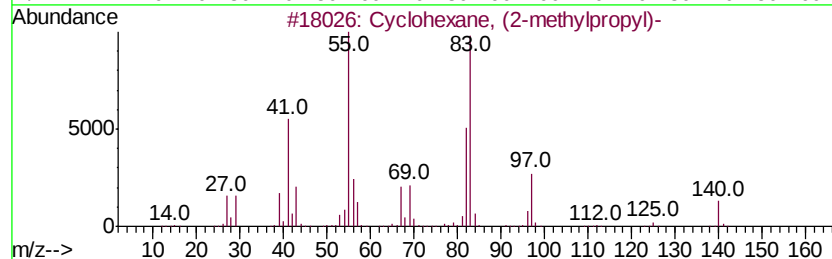
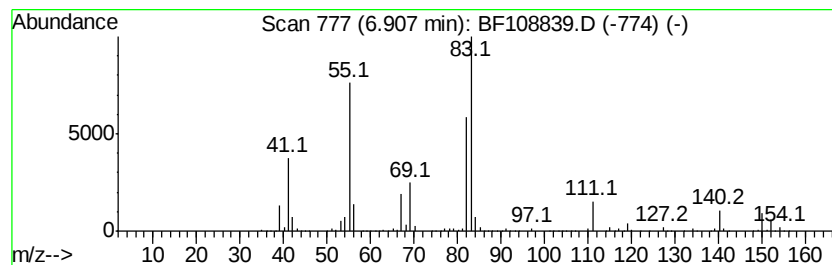
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, (2-methylpropyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	28.04 ng	14113200	1,4-Dichlorobenzene-d4	6.74

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, (1-methylpropyl)-	140	C10H20	007058-01-7	70
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	59
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
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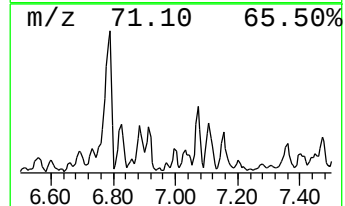
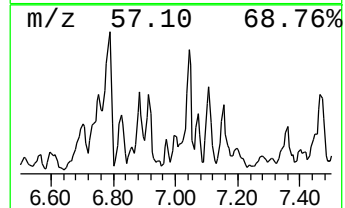
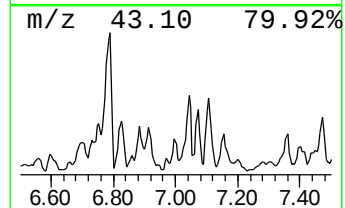
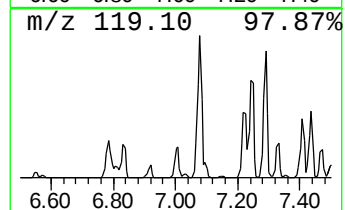
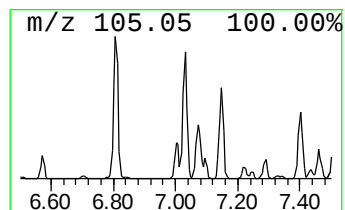
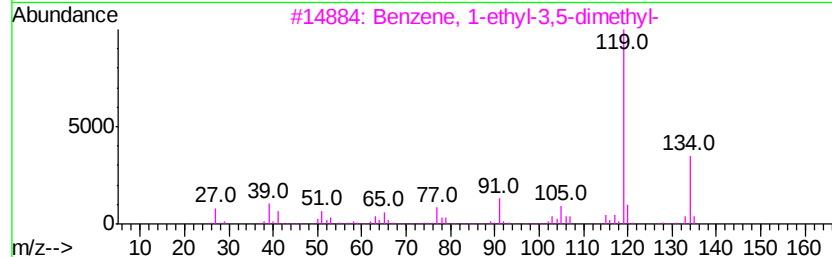
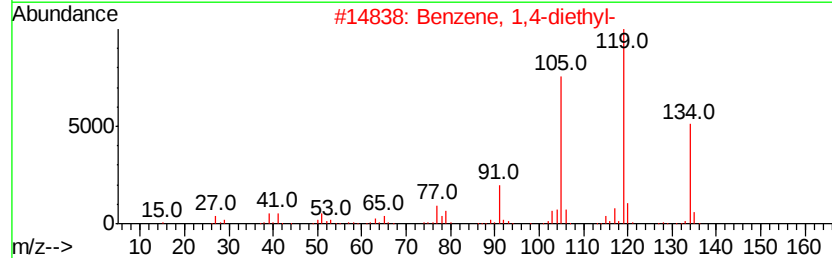
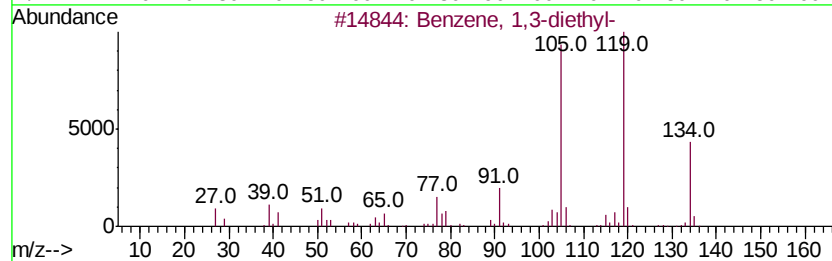
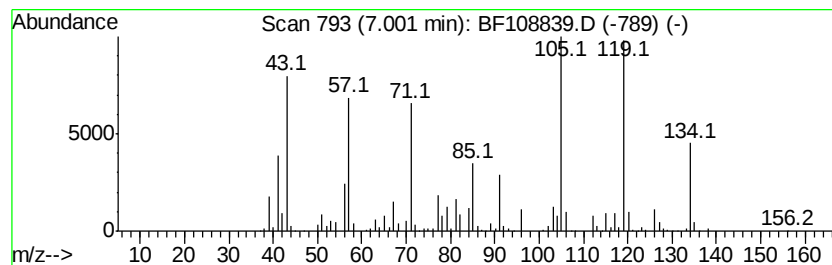
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	12.40 ng	6240220	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	62
5		o-Cymene	134	C10H14	000527-84-4	55



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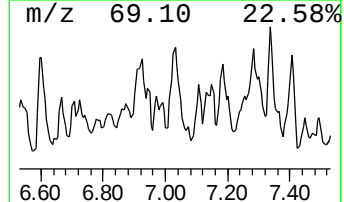
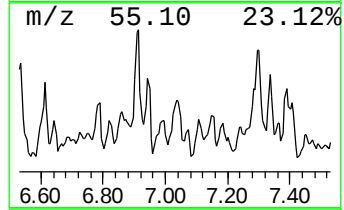
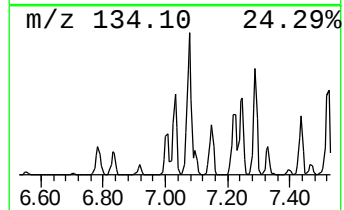
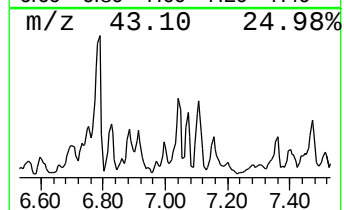
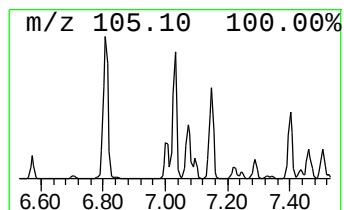
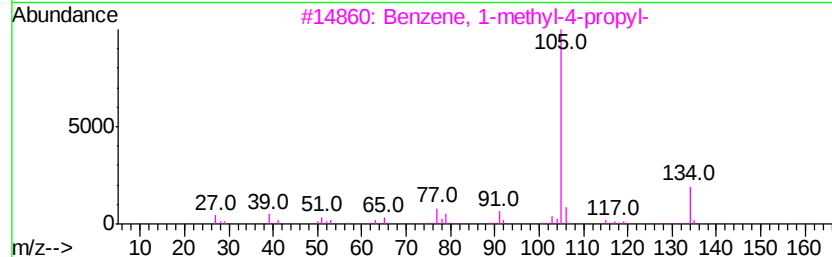
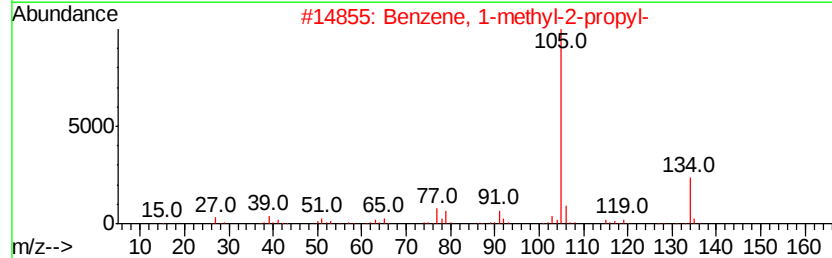
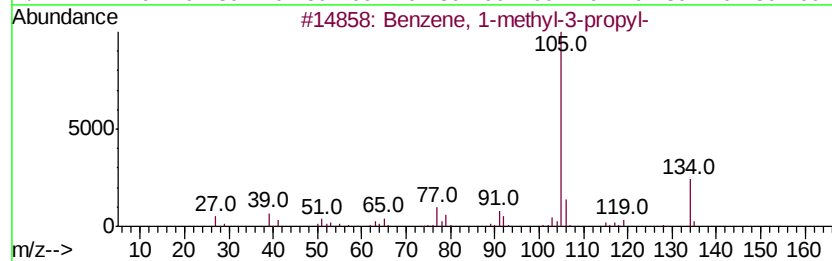
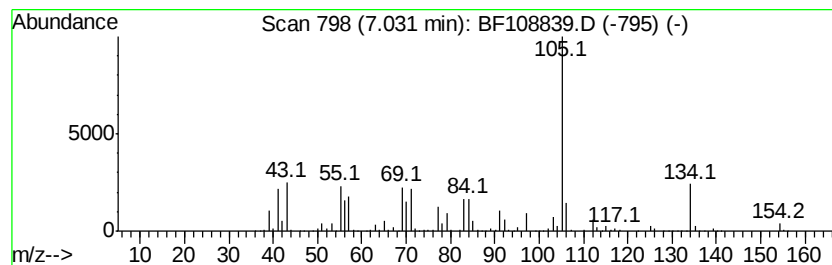
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-methyl-3-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	25.14 ng	12654500	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	55
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	50
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	50
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	43
5		2-Tolyloxirane	134	C9H10O	002783-26-8	41



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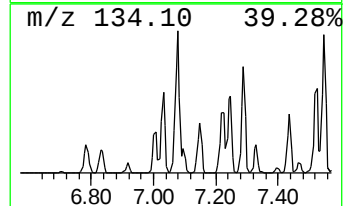
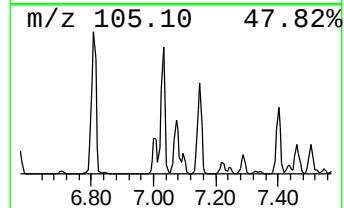
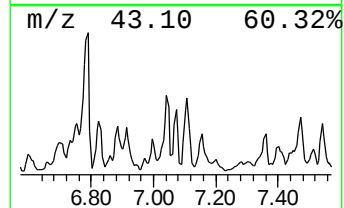
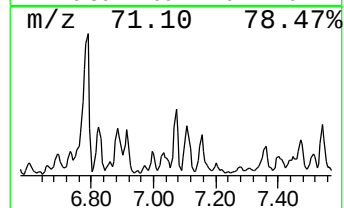
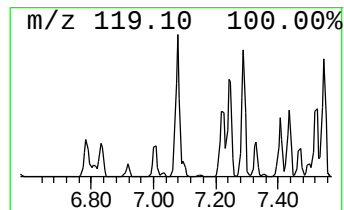
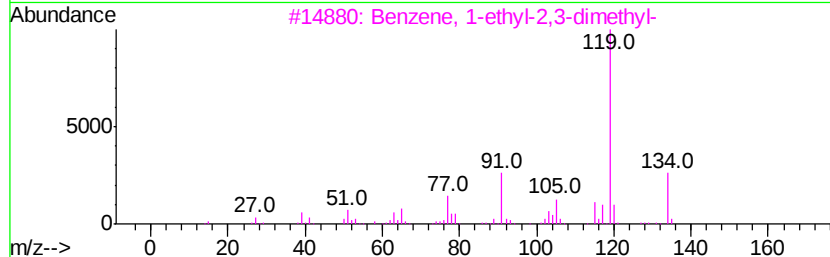
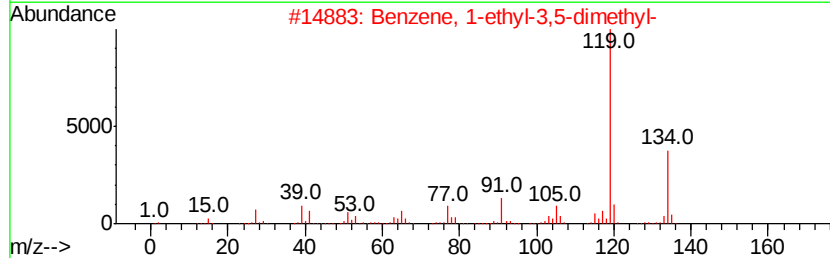
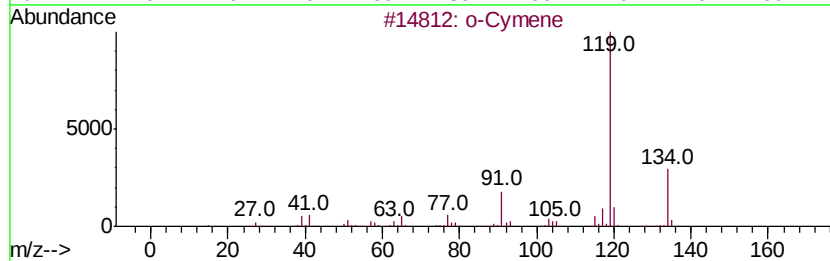
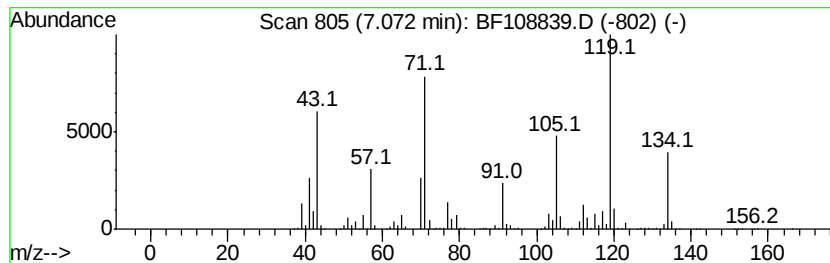
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	17.74 ng	8929510	1,4-Dichlorobenzene-d4	6.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	90
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	80
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70



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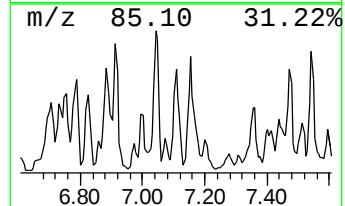
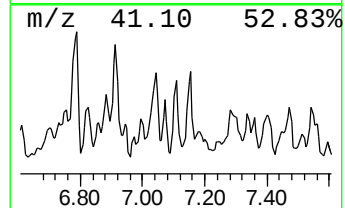
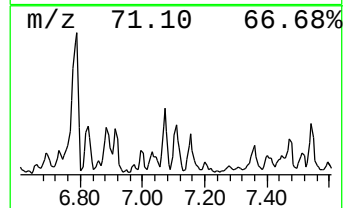
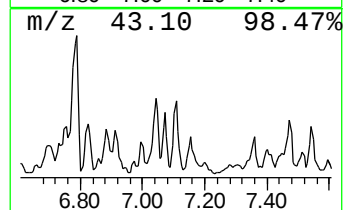
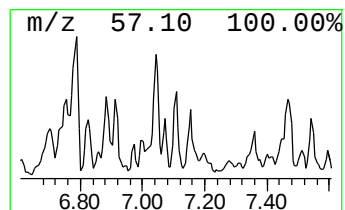
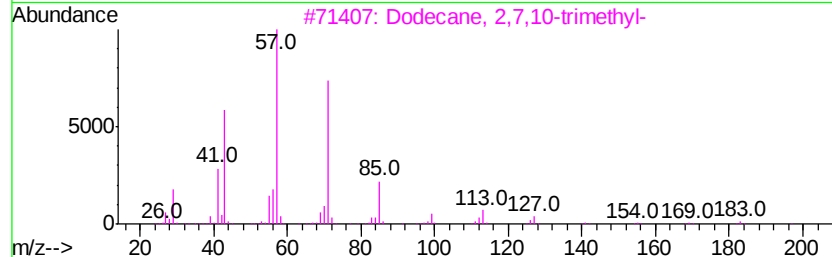
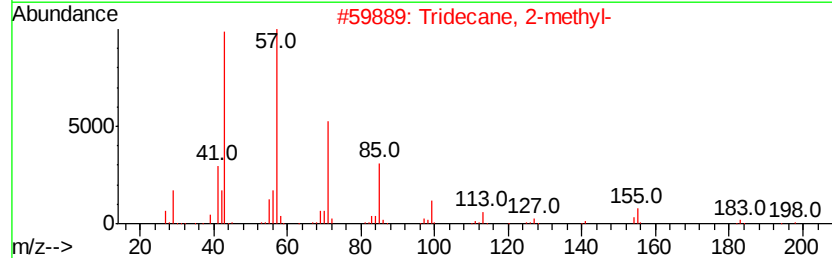
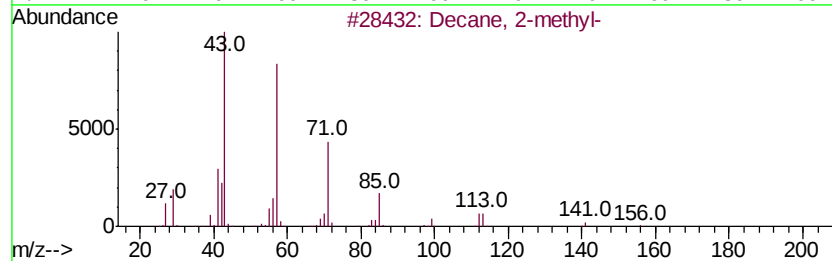
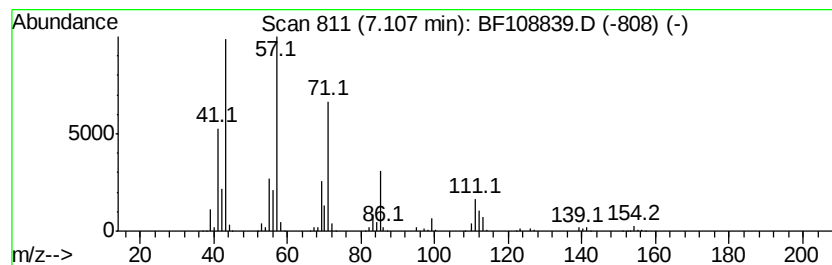
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	13.94 ng	7016510	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	87
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108839.D
Acq On : 6 Sep 2018 22:31
Operator : JU/SJ
Sample : J4803-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-H7

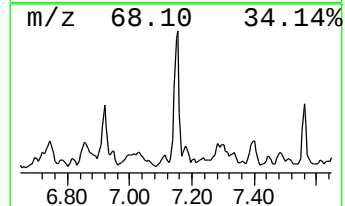
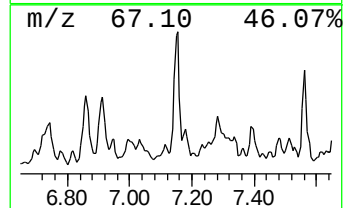
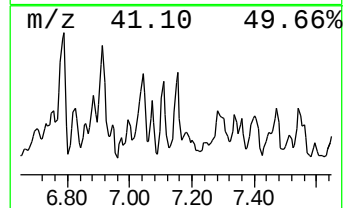
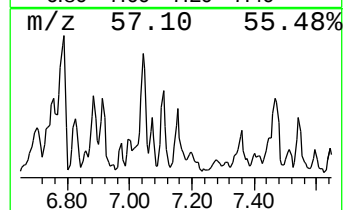
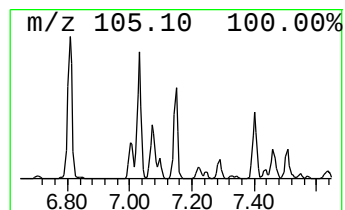
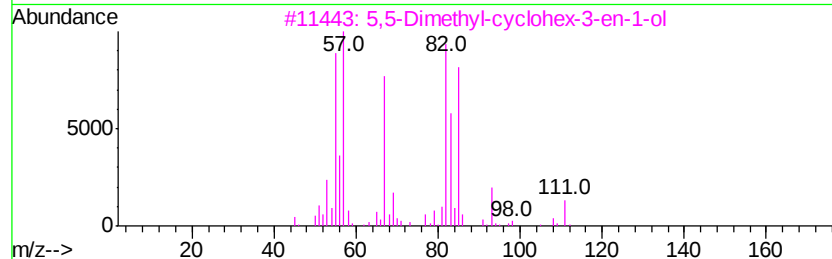
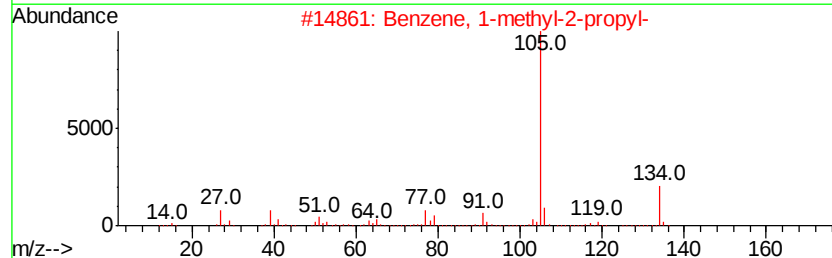
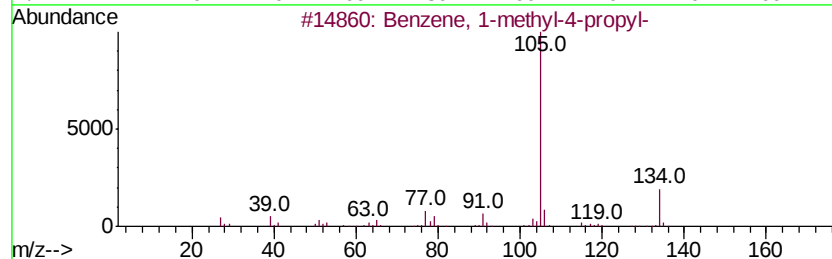
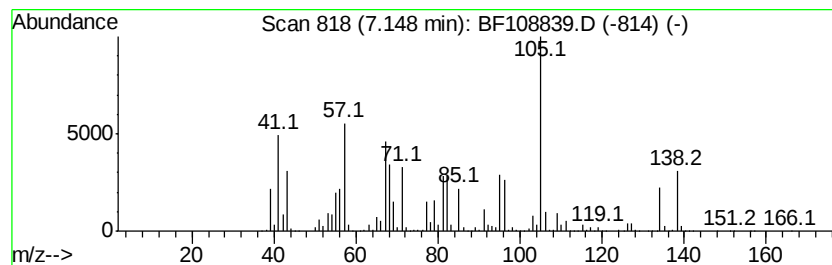
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown7.15 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	20.91 ng	10522000	1,4-Dichlorobenzene-d4	6.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25
3			5,5-Dimethyl-cyclohex-3-en-1-ol	126	C8H14O	082299-68-1	16
4			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	15
5			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108839.D
Acq On : 6 Sep 2018 22:31
Operator : JU/SJ
Sample : J4803-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EP1-Q2-H7

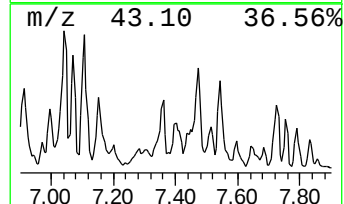
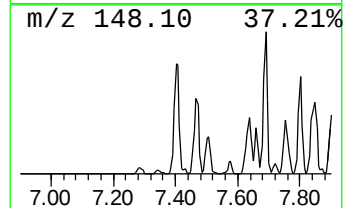
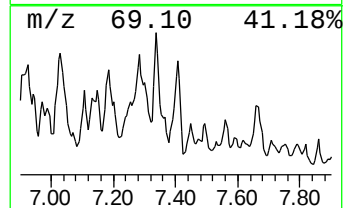
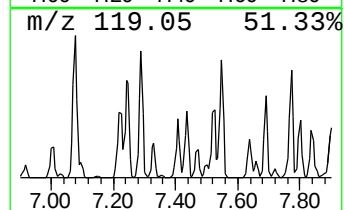
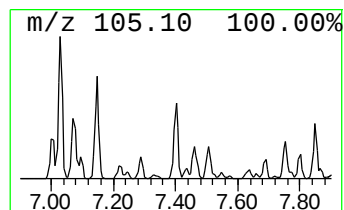
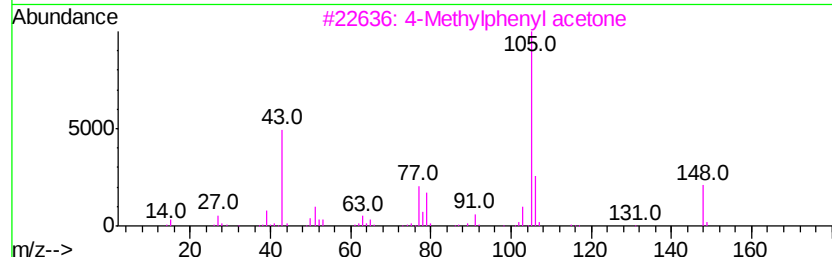
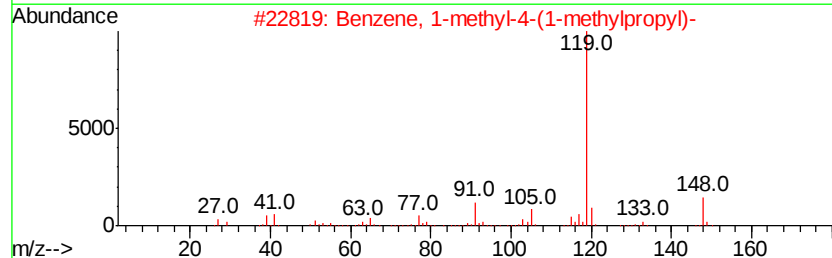
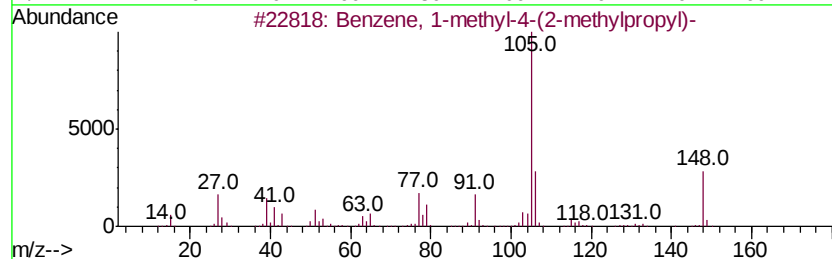
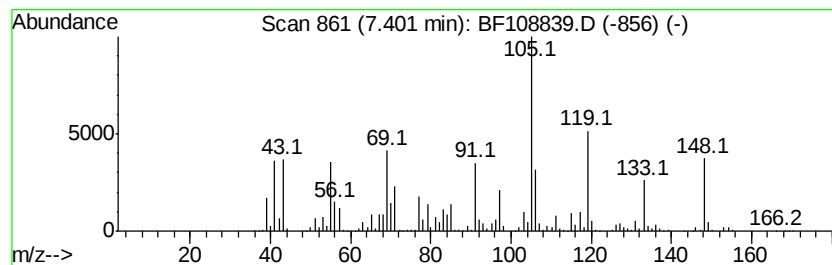
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown7.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	54.61 ng	9889660	Napthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	38
2		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	35
3		4-Methylphenyl acetone	148	C10H12O	002096-86-8	30
4		2-Methylindan-2-ol	148	C10H12O	033223-84-6	25
5		Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108839.D
Acq On : 6 Sep 2018 22:31
Operator : JU/SJ
Sample : J4803-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EP1-Q2-H7

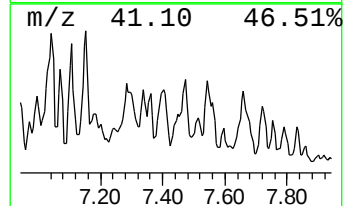
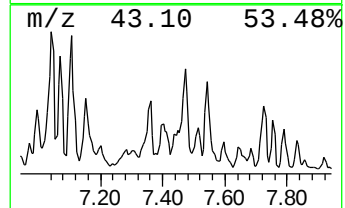
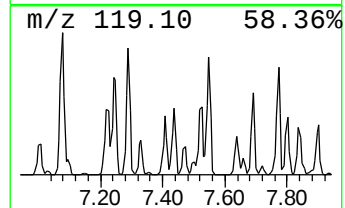
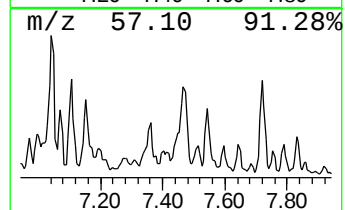
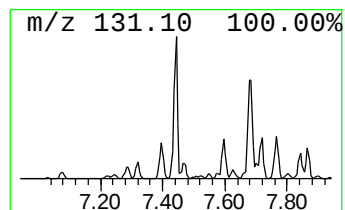
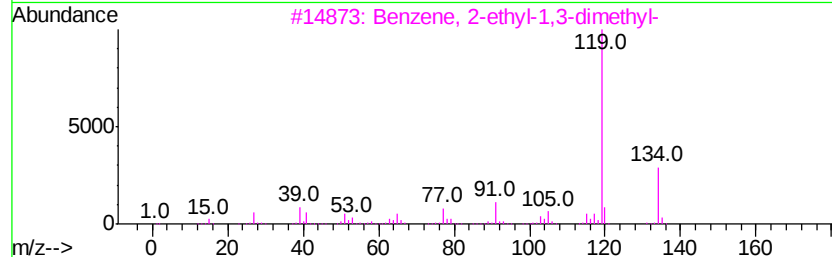
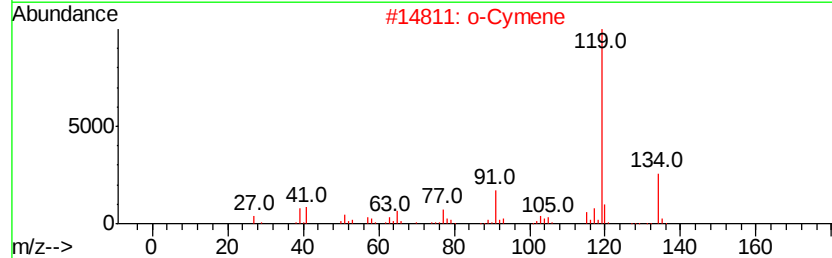
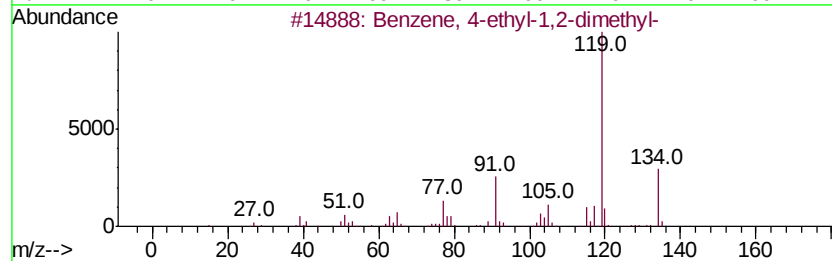
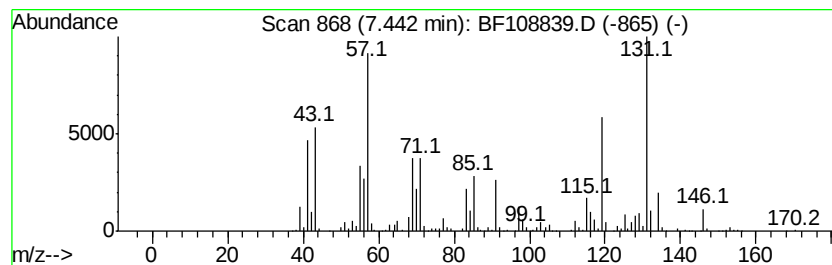
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	24.03 ng	4350960	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
4		p-Cymene	134	C10H14	000099-87-6	92
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108839.D
Acq On : 6 Sep 2018 22:31
Operator : JU/SJ
Sample : J4803-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

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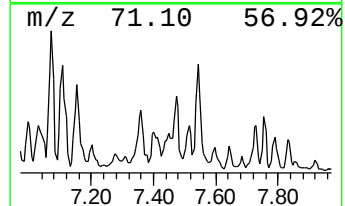
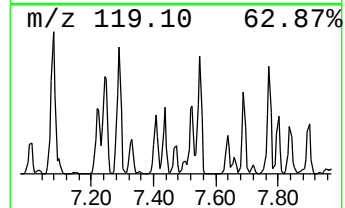
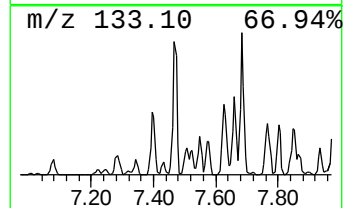
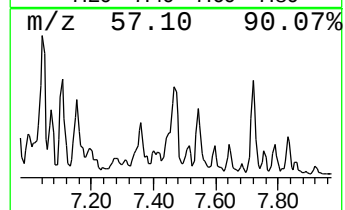
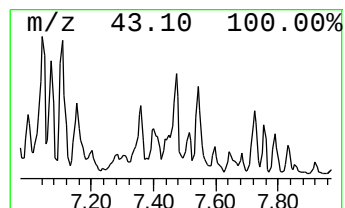
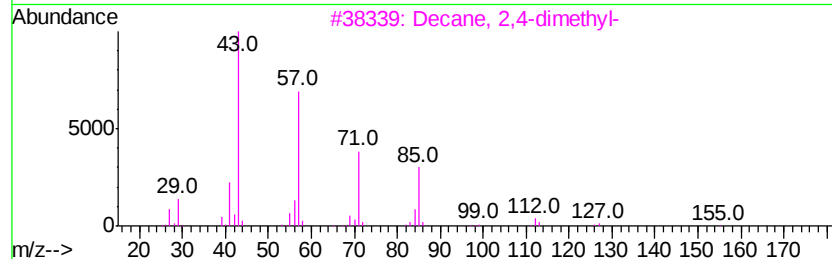
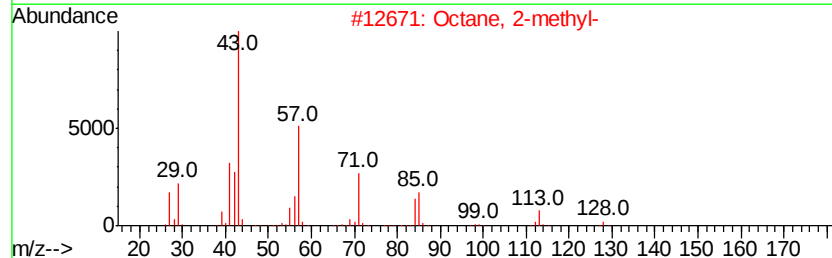
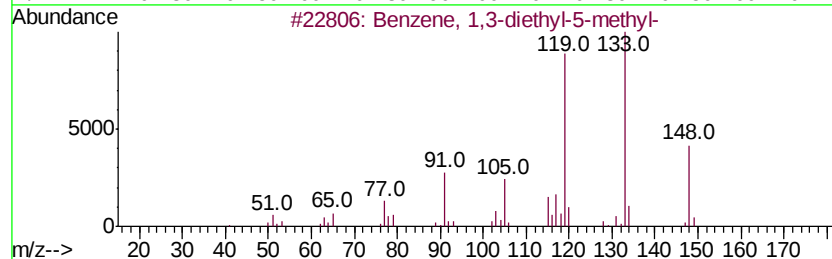
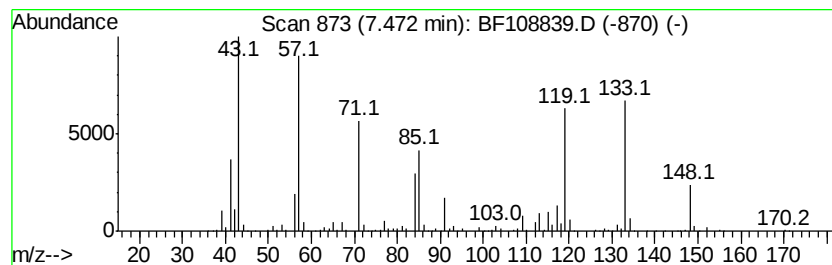
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	34.55 ng	6257500	Napthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	55
2		Octane, 2-methyl-	128	C9H20	003221-61-2	55
3		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	38
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	38
5		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108839.D
Acq On : 6 Sep 2018 22:31
Operator : JU/SJ
Sample : J4803-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EP1-Q2-H7

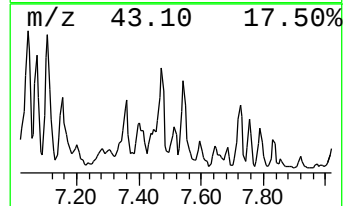
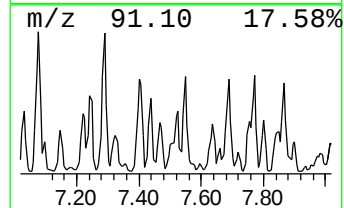
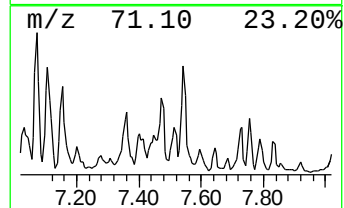
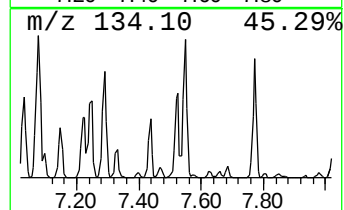
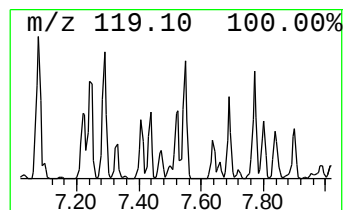
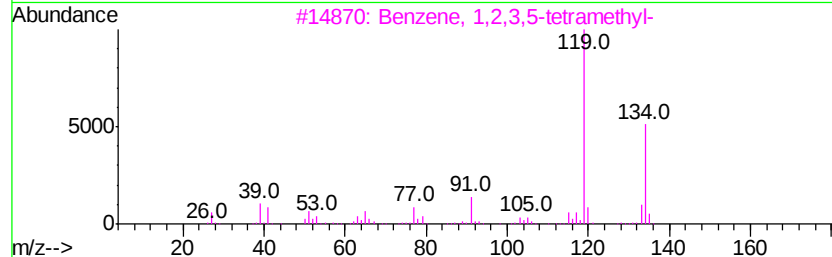
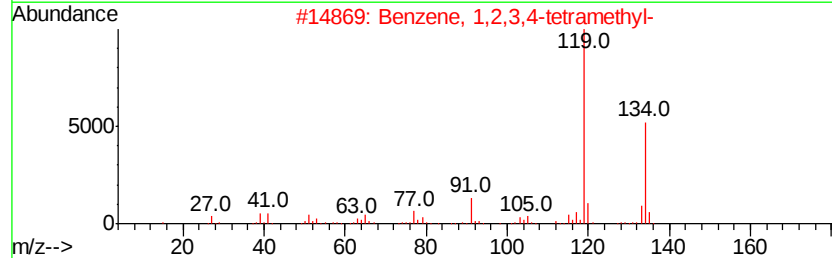
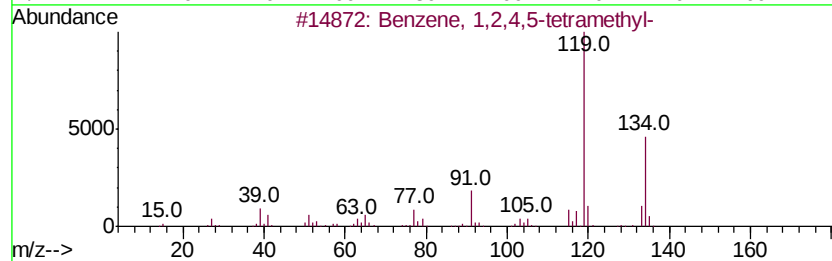
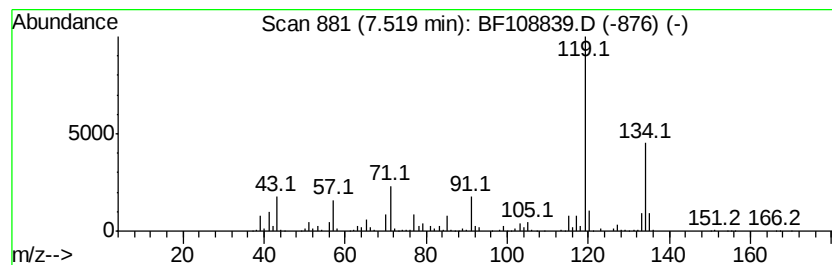
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	29.16 ng	5280980	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
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Acq On : 6 Sep 2018 22:31
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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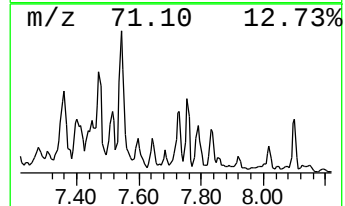
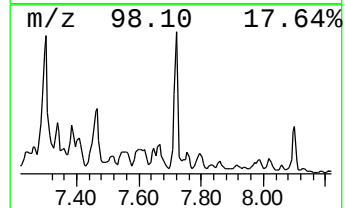
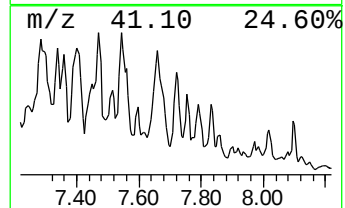
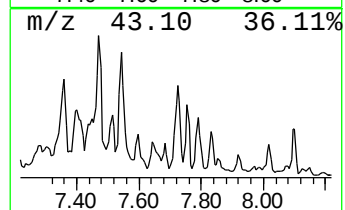
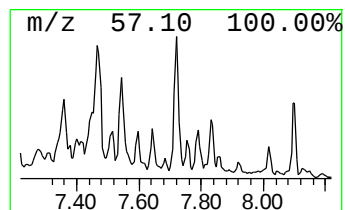
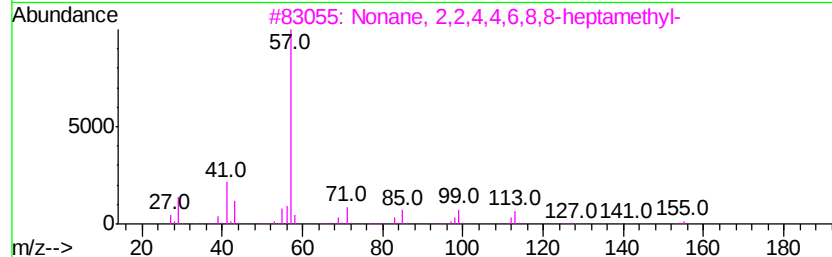
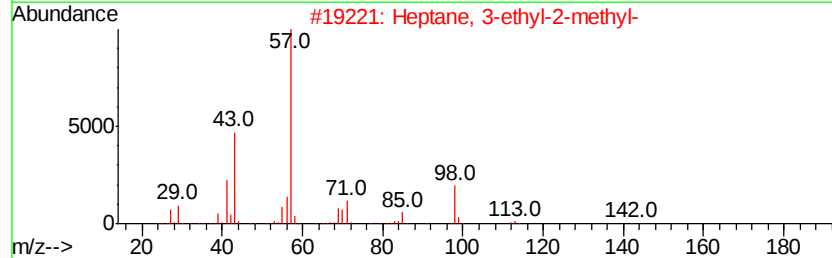
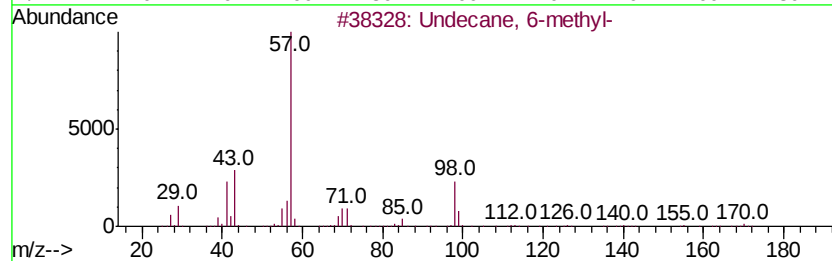
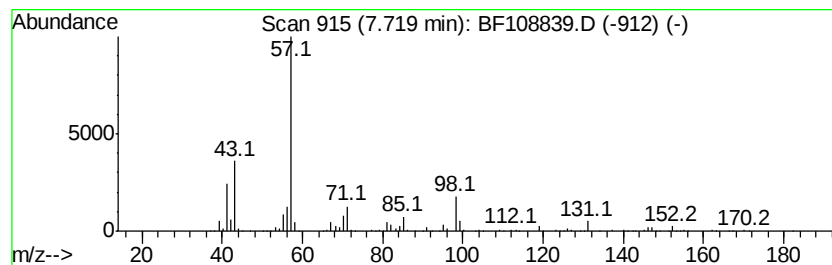
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Undecane, 6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	15.65 ng	2834430	Napthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-methyl-	170	C12H26	017302-33-9	64
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3		Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	53
4		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	53
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108839.D
Acq On : 6 Sep 2018 22:31
Operator : JU/SJ
Sample : J4803-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
EP1-Q2-H7

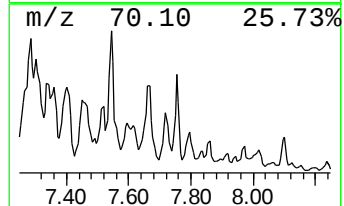
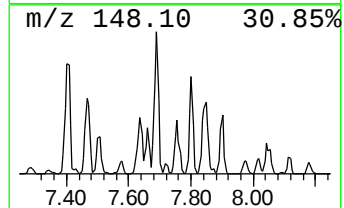
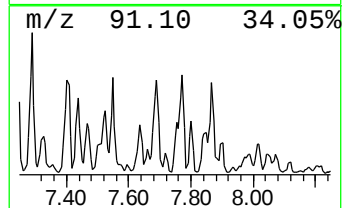
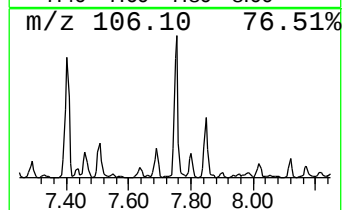
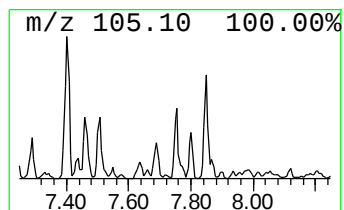
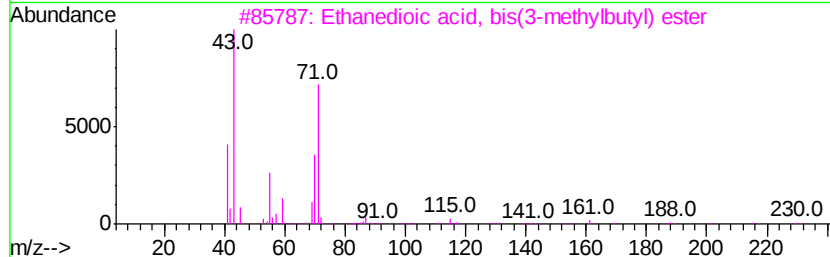
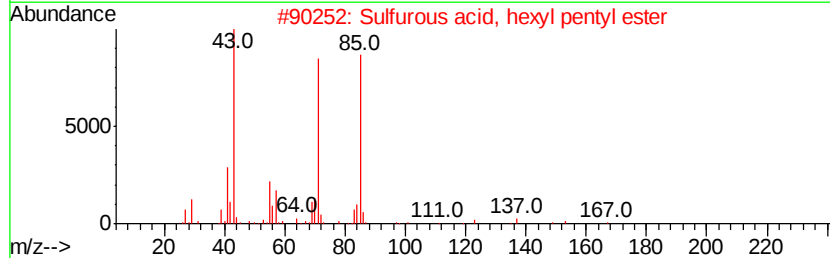
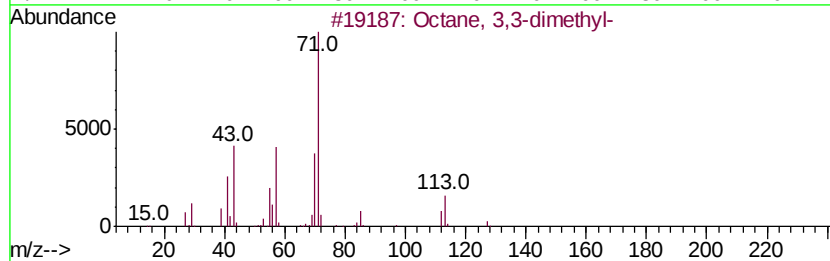
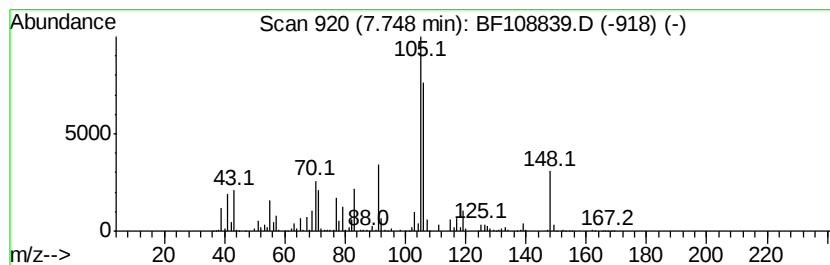
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown7.75 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	14.64 ng	2650350	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	27
2		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	25
3		Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	22
4		Sulfurous acid, 2-pentyl undecyl...	306	C16H34O3S	1000309-16-0	22
5		Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108839.D
Acq On : 6 Sep 2018 22:31
Operator : JU/SJ
Sample : J4803-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-H7

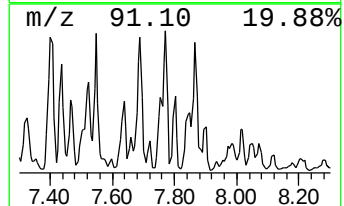
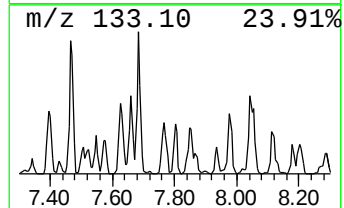
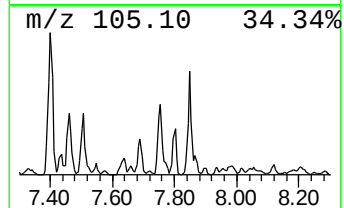
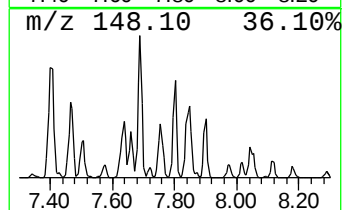
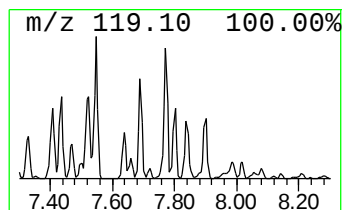
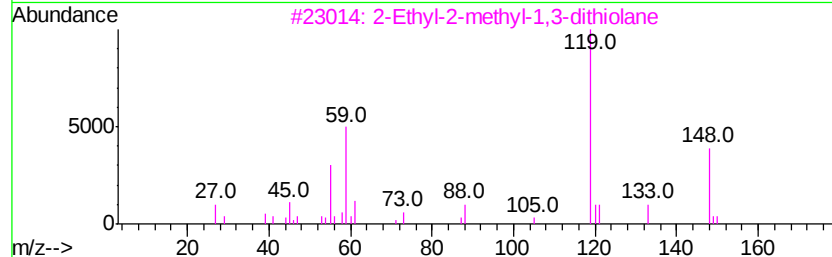
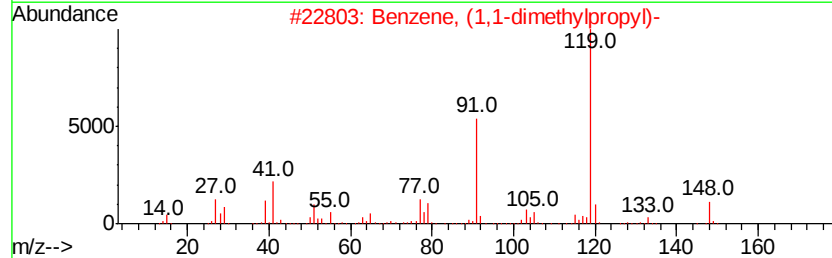
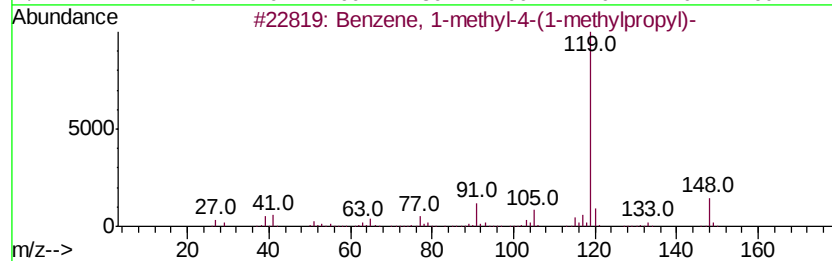
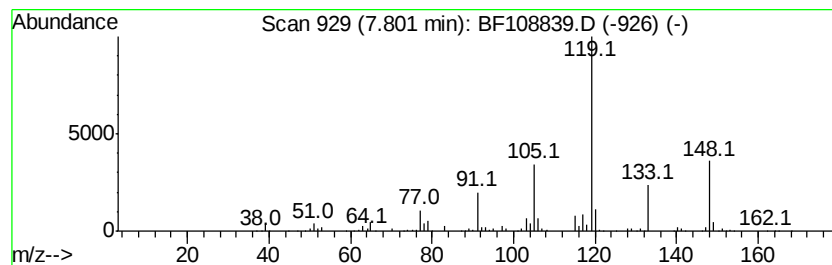
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzene, 1-methyl-4-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	14.07 ng	2547160	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3		2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	58
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	52
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090618\
 Data File : BF108839.D
 Acq On : 6 Sep 2018 22:31
 Operator : JU/SJ
 Sample : J4803-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-H7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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, 3-methyl-	6.01	18.7	ng	9409470	1	6.74	10065700	20.0
Oxalic acid, isob...	6.20	12.1	ng	6094680	1	6.74	10065700	20.0
Nonane, 4-methyl-	6.26	12.7	ng	6392340	1	6.74	10065700	20.0
unknown6.50	6.50	24.3	ng	12248400	1	6.74	10065700	20.0
unknown6.81	6.81	19.1	ng	9611500	1	6.74	10065700	20.0
Cyclohexane, (2-m...	6.91	28.0	ng	14113200	1	6.74	10065700	20.0
Benzene, 1,3-diet...	7.00	12.4	ng	6240220	1	6.74	10065700	20.0
Benzene, 1-methyl...	7.03	25.1	ng	12654500	1	6.74	10065700	20.0
o-Cymene	7.07	17.7	ng	8929510	1	6.74	10065700	20.0
Decane, 2-methyl-	7.11	13.9	ng	7016510	1	6.74	10065700	20.0
unknown7.15	7.15	20.9	ng	10522000	1	6.74	10065700	20.0
unknown7.40	7.40	54.6	ng	9889660	2	8.02	3621830	20.0
Benzene, 4-ethyl-...	7.44	24.0	ng	4350960	2	8.02	3621830	20.0
Benzene, 1,3-diet...	7.47	34.5	ng	6257500	2	8.02	3621830	20.0
Benzene, 1,2,4,5-...	7.52	29.2	ng	5280980	2	8.02	3621830	20.0
Undecane, 6-methyl-	7.72	15.7	ng	2834430	2	8.02	3621830	20.0
unknown7.75	7.75	14.6	ng	2650350	2	8.02	3621830	20.0
Benzene, 1-methyl...	7.80	14.1	ng	2547160	2	8.02	3621830	20.0