

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103507.D
 Acq On : 7 Mar 2018 18:00
 Operator : SJ/JU
 Sample : J1808-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-11

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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	3.010	138	157	164	rVV2	491729	1610453	15.95%	0.491%
2	3.398	206	223	233	rBV3	322379	1151125	11.40%	0.351%
3	3.910	303	310	324	rBV4	1566510	5113686	50.63%	1.560%
4	4.051	324	334	339	rVB	2517702	4828317	47.81%	1.473%
5	4.198	353	359	363	rVB2	1777580	2768782	27.41%	0.845%
6	4.240	363	366	375	rVB	935229	1423525	14.09%	0.434%
7	4.340	375	383	386	rBV2	1218748	2054932	20.35%	0.627%
8	4.381	386	390	394	rBV3	681271	1095180	10.84%	0.334%
9	4.522	407	414	419	rVB4	1867716	3621357	35.85%	1.105%
10	4.622	424	431	435	rBV3	2495019	3801675	37.64%	1.160%
11	4.769	451	456	460	rBV	1092292	1514811	15.00%	0.462%
12	4.816	460	464	467	rVB	1543596	1827874	18.10%	0.558%
13	4.857	467	471	474	rBV3	887384	1243376	12.31%	0.379%
14	4.922	478	482	487	rVB	1663755	2208855	21.87%	0.674%
15	4.981	487	492	493	rBV3	1070138	1600193	15.84%	0.488%
16	5.010	493	497	499	rBV	2988629	3367098	33.34%	1.027%
17	5.034	499	501	505	rVB2	2670538	2732123	27.05%	0.834%
18	5.081	505	509	512	rBV2	2193725	2876563	28.48%	0.878%
19	5.140	517	519	523	rVB3	1321203	1412408	13.98%	0.431%
20	5.187	523	527	529	rBV3	996615	1436364	14.22%	0.438%
21	5.281	537	543	545	rBV3	3636738	5683392	56.27%	1.734%
22	5.316	545	549	552	rVB3	2348922	3911305	38.73%	1.194%
23	5.369	552	558	560	rBV2	3876899	7286616	72.14%	2.224%
24	5.393	560	562	564	rVB	2931801	2533300	25.08%	0.773%
25	5.469	571	575	577	rVV	3701997	4891058	48.43%	1.493%
26	5.492	577	579	582	rVB	2675098	2625237	25.99%	0.801%
27	5.563	587	591	597	rBV4	1544773	3059991	30.30%	0.934%
28	5.640	600	604	609	rBV4	2585250	4217364	41.76%	1.287%
29	5.687	609	612	614	rVB	2819182	2512059	24.87%	0.767%
30	5.728	614	619	625	rBV4	3264506	6688779	66.23%	2.041%
31	5.775	625	627	633	rVB3	1836033	2645830	26.20%	0.807%
32	5.840	633	638	641	rBV5	1093355	2231740	22.10%	0.681%
33	5.869	641	643	644	rBV	1780026	1452359	14.38%	0.443%
34	5.892	644	647	650	rVB2	2992504	3360439	33.27%	1.025%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.934	650	654	656	rBV3	2510776	4185039	41.44%	1.277%
36	5.957	656	658	661	rVB2	1839325	1740364	17.23%	0.531%
37	6.016	661	668	673	rBV3	3457951	7685530	76.09%	2.345%
38	6.063	673	676	680	rVB2	2598130	2985808	29.56%	0.911%
39	6.116	680	685	688	rBV4	3918438	6850632	67.83%	2.090%
40	6.169	692	694	696	rVV3	1102336	968687	9.59%	0.296%
41	6.257	707	709	712	rVB3	1477735	1459478	14.45%	0.445%
42	6.304	712	717	720	rBV3	4041949	7046812	69.77%	2.150%
43	6.339	720	723	726	rVV2	2621226	4146170	41.05%	1.265%
44	6.369	726	728	731	rVB	2859840	2604927	25.79%	0.795%
45	6.404	731	734	736	rBV2	2983398	3604580	35.69%	1.100%
46	6.428	736	738	740	rVB2	1815781	1547077	15.32%	0.472%
47	6.463	740	744	745	rBV	3111926	3257905	32.26%	0.994%
48	6.487	745	748	750	rVB	2542562	2685099	26.59%	0.819%
49	6.522	750	754	756	rVB4	1325522	1711063	16.94%	0.522%
50	6.557	756	760	765	rVB4	2012327	3732829	36.96%	1.139%
51	6.610	765	769	771	rBV	1596706	2151101	21.30%	0.656%
52	6.645	772	775	780	rVB2	2639839	3894868	38.56%	1.189%
53	6.710	780	786	789	rBV	4054045	7882952	78.05%	2.406%
54	6.810	800	803	804	rBV	1049996	1076727	10.66%	0.329%
55	6.881	812	815	817	rVB2	1897211	1770762	17.53%	0.540%
56	6.939	819	825	829	rBV3	3156706	6121822	60.61%	1.868%
57	6.975	829	831	834	rVB	1312303	1215520	12.03%	0.371%
58	7.016	834	838	840	rBV3	1483863	2270659	22.48%	0.693%
59	7.063	842	846	849	rVB	3427409	4569203	45.24%	1.394%
60	7.122	849	856	858	rBV	3104678	4845840	47.98%	1.479%
61	7.145	858	860	863	rVV	2556281	2366428	23.43%	0.722%
62	7.204	863	870	875	rVB4	4112063	10100010	100.00%	3.082%
63	7.269	875	881	884	rBV2	3154572	4871153	48.23%	1.486%
64	7.345	889	894	896	rBV	3028490	4868412	48.20%	1.486%
65	7.369	896	898	900	rVB	2340723	1965741	19.46%	0.600%
66	7.428	900	908	909	rBV	3941336	9148607	90.58%	2.792%
67	7.457	910	913	917	rVB3	4178851	5450776	53.97%	1.663%
68	7.516	917	923	926	rVB4	3118063	3897702	38.59%	1.189%
69	7.557	926	930	937	rBV4	3255455	5553259	54.98%	1.695%
70	7.651	937	946	948	rBV3	3887065	8092347	80.12%	2.469%
71	7.681	948	951	953	rVB	3572179	4172879	41.32%	1.273%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	7.757	960	964	966	rBV2	2328719	3447569	34.13%	1.052%
73	7.786	966	969	971	rBV	1260073	1305905	12.93%	0.398%
74	7.816	971	974	975	rBV2	2107708	2214843	21.93%	0.676%
75	7.904	982	989	994	rVV5	3609097	9950802	98.52%	3.037%
76	7.969	994	1000	1003	rVV5	2817916	4274364	42.32%	1.304%
77	7.998	1003	1005	1007	rVV	1771051	1632904	16.17%	0.498%
78	8.022	1007	1009	1013	rVB	2931930	2830573	28.03%	0.864%
79	8.122	1019	1026	1027	rBV4	2713957	4230770	41.89%	1.291%
80	8.181	1033	1036	1037	rBV2	1118725	1154715	11.43%	0.352%
81	8.239	1043	1046	1048	rVB	2156366	2002943	19.83%	0.611%
82	8.310	1054	1058	1062	rVB4	973000	1473604	14.59%	0.450%
83	8.428	1075	1078	1083	rVB3	2373217	3640402	36.04%	1.111%
84	8.539	1093	1097	1099	rVV	2881348	3010987	29.81%	0.919%
85	8.616	1107	1110	1113	rVB	2004660	1872794	18.54%	0.571%
86	8.651	1113	1116	1122	rVB5	1964018	2275800	22.53%	0.694%
87	8.739	1128	1131	1134	rBV3	1731696	1940668	19.21%	0.592%
88	8.875	1147	1154	1157	rBV	4085134	6040320	59.81%	1.843%
89	8.969	1167	1170	1173	rVV	3235730	3150041	31.19%	0.961%
90	9.222	1208	1213	1217	rVB	3023446	3145718	31.15%	0.960%
91	9.422	1240	1247	1254	rVB	693616	1138456	11.27%	0.347%
92	9.492	1254	1259	1263	rBV	1379747	2061764	20.41%	0.629%
93	9.563	1267	1271	1274	rVV	1617998	1801445	17.84%	0.550%
94	9.592	1274	1276	1286	rVB3	1125505	1888928	18.70%	0.576%
95	9.680	1286	1291	1299	rVB	629153	1004874	9.95%	0.307%
96	9.904	1326	1329	1334	rVV	1069513	988858	9.79%	0.302%
97	10.698	1461	1464	1477	rVB	1493596	1901678	18.83%	0.580%
98	11.398	1579	1583	1586	rBV	926689	951802	9.42%	0.290%
99	12.986	1848	1853	1857	rBV	1999882	2088561	20.68%	0.637%
100	14.057	2029	2035	2038	rBV2	710353	996206	9.86%	0.304%

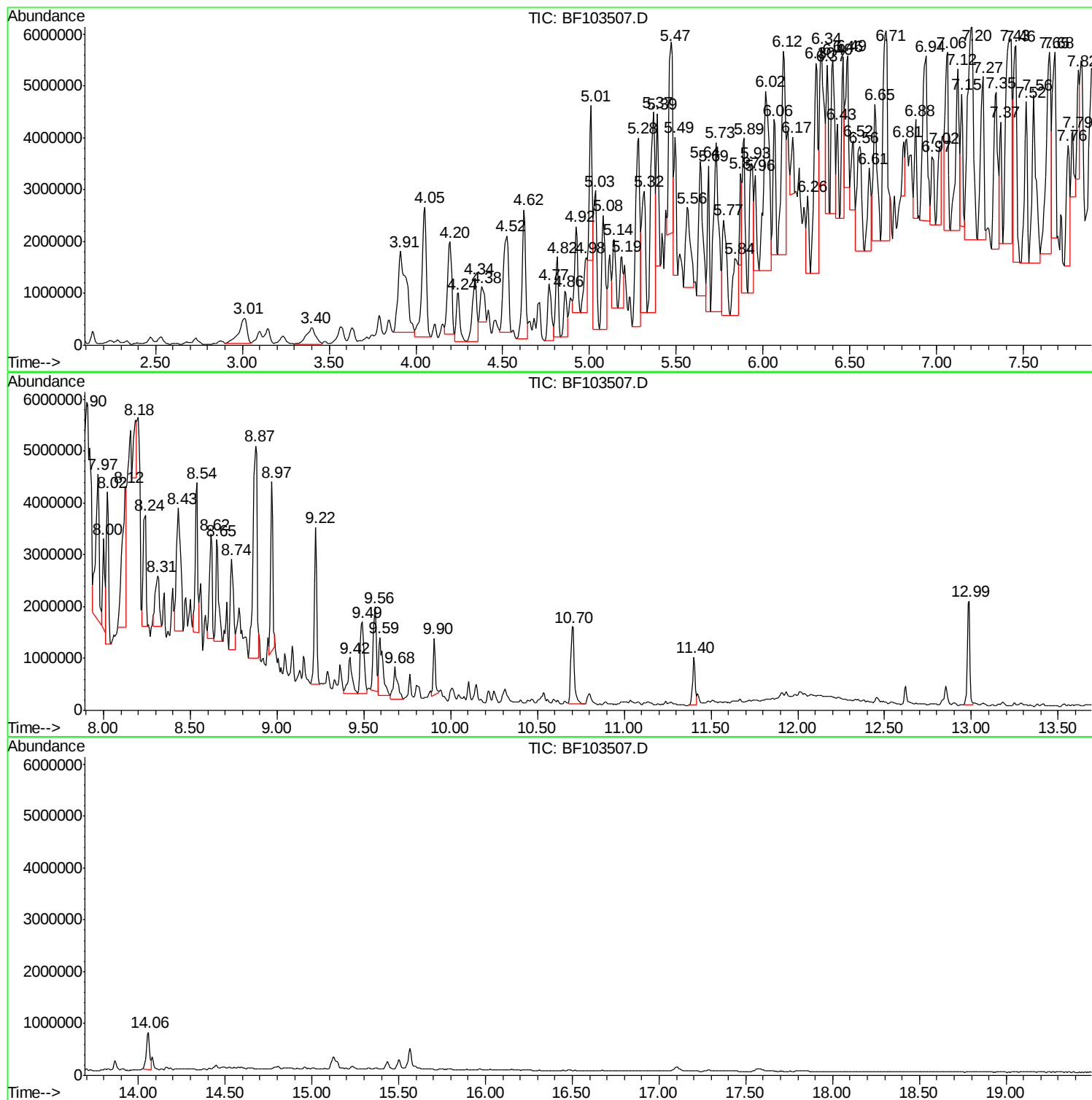
Sum of corrected areas: 327705228

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.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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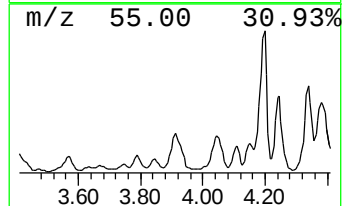
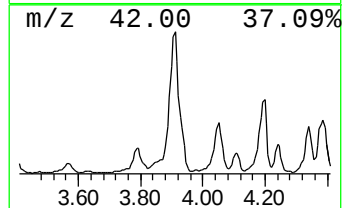
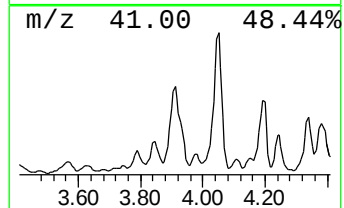
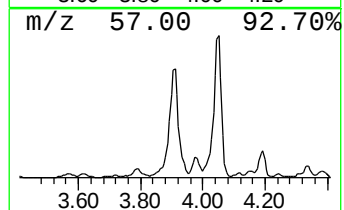
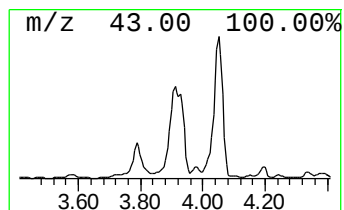
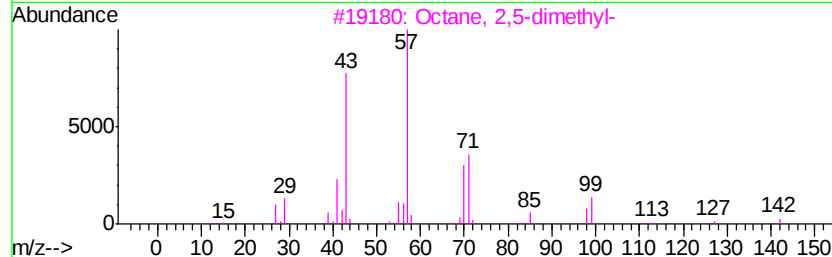
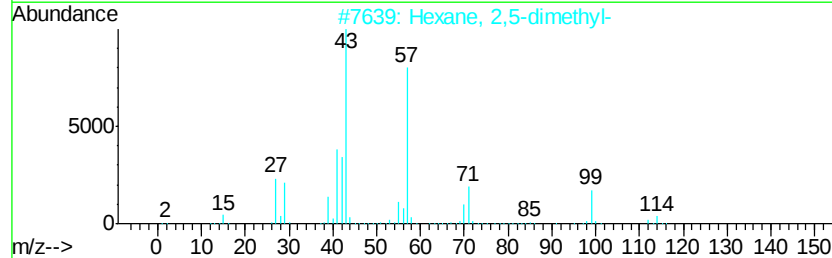
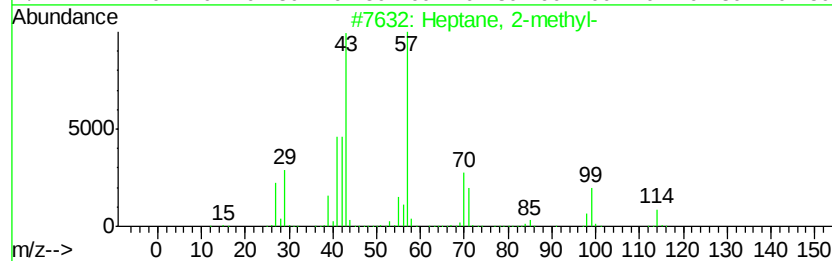
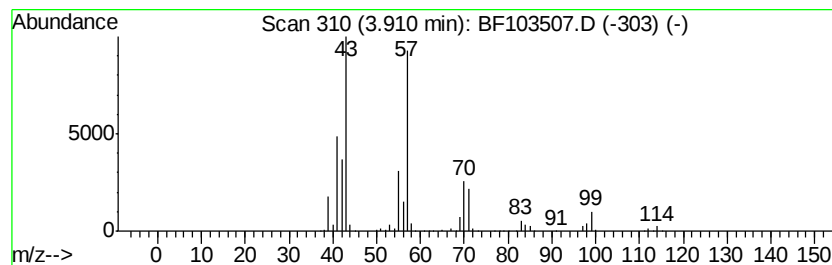
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	57.76 ng	5113690	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
2		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
3		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59
4		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	53
5		1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	50



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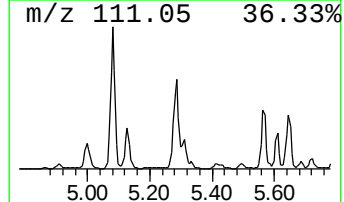
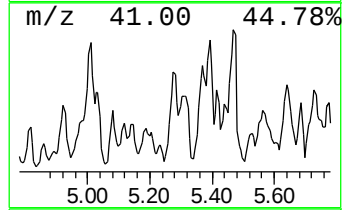
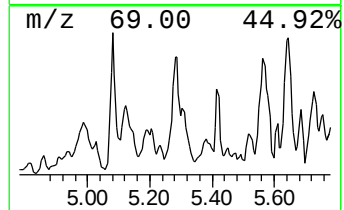
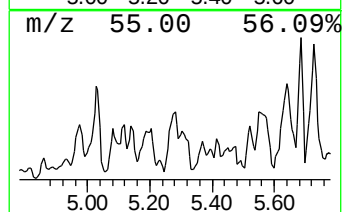
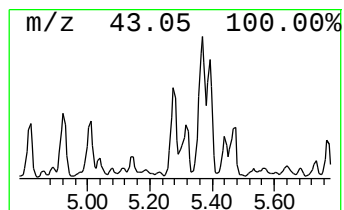
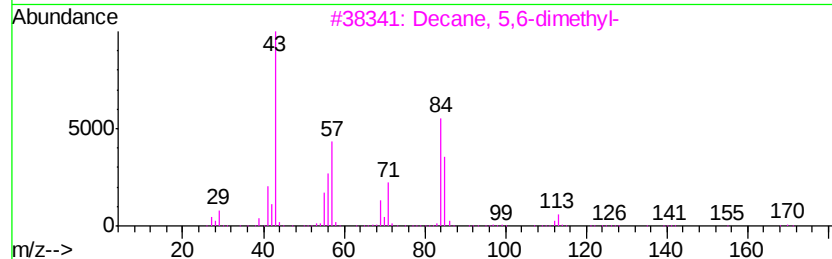
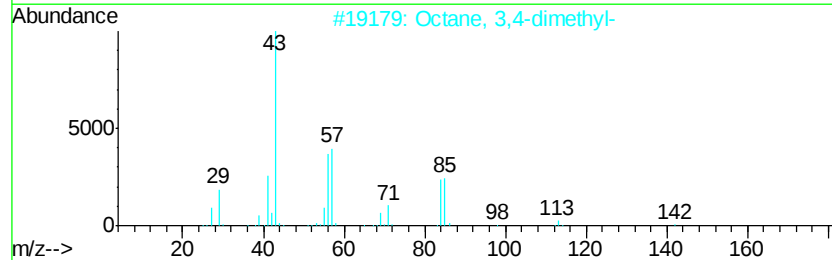
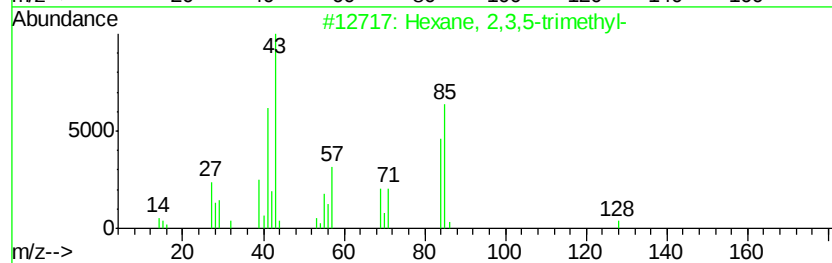
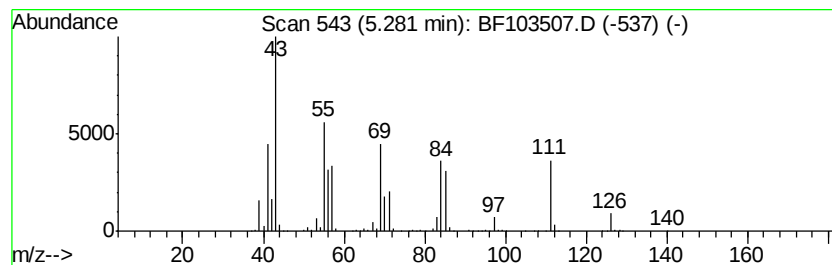
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown5.28 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	64.19 ng	5683390	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	46
2		Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	43
3		Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	43
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38
5		2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	38



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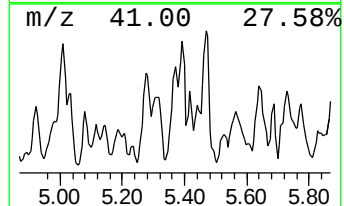
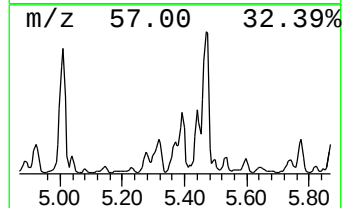
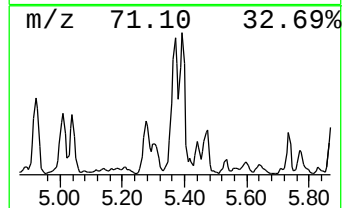
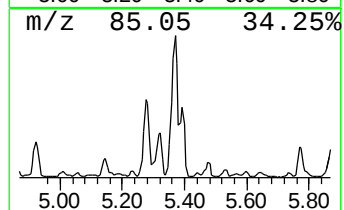
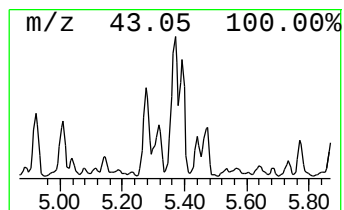
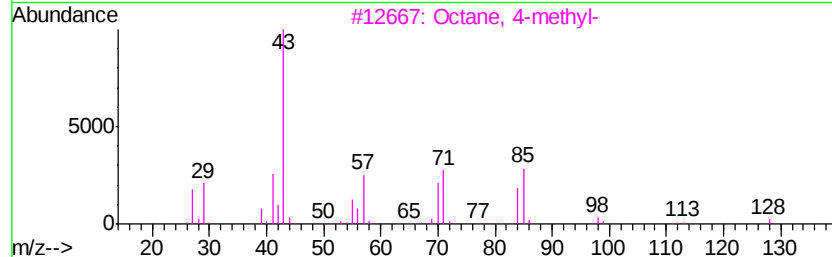
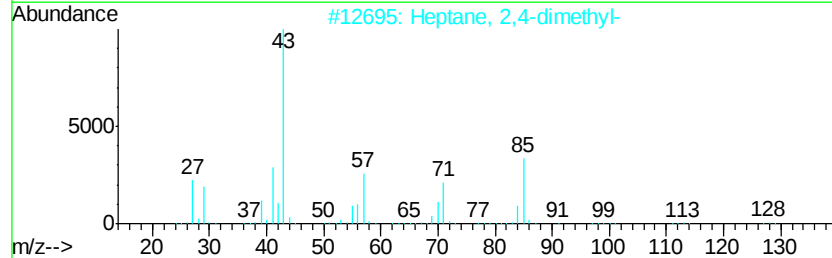
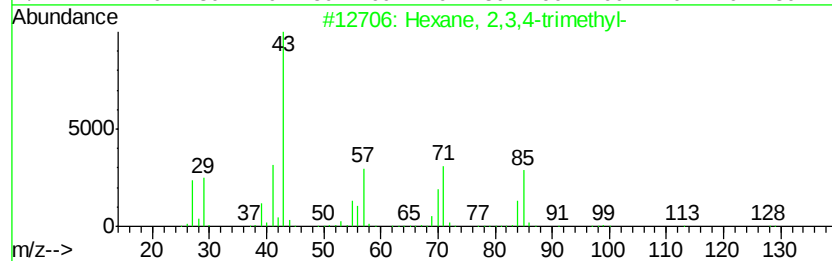
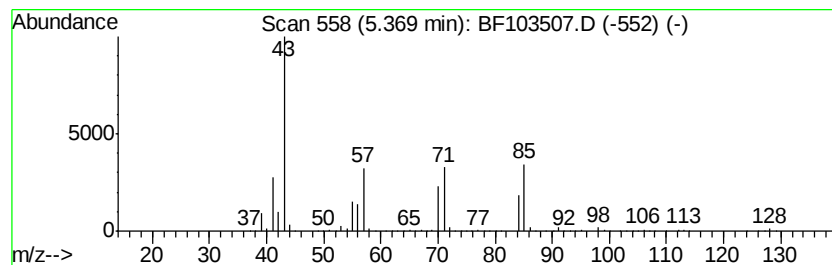
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexane, 2,3,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	82.30 ng	7286620	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	90
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	86
3		Octane, 4-methyl-	128	C9H20	002216-34-4	83
4		Octane	114	C8H18	000111-65-9	64
5		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103507.D
Acq On : 7 Mar 2018 18:00
Operator : SJ/JU
Sample : J1808-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-04-9.5-11

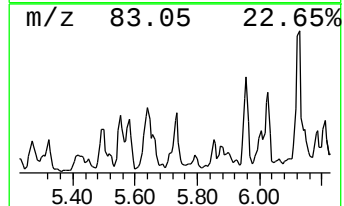
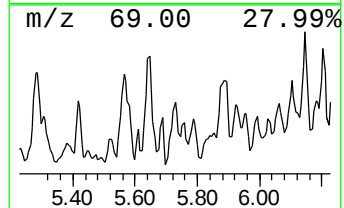
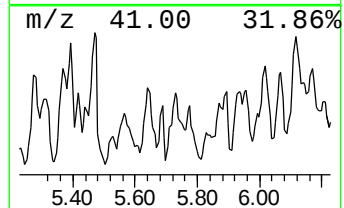
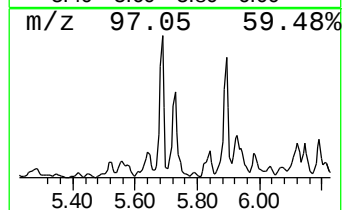
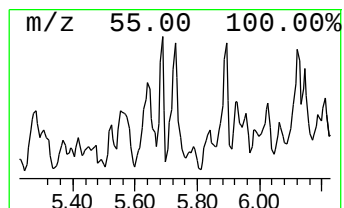
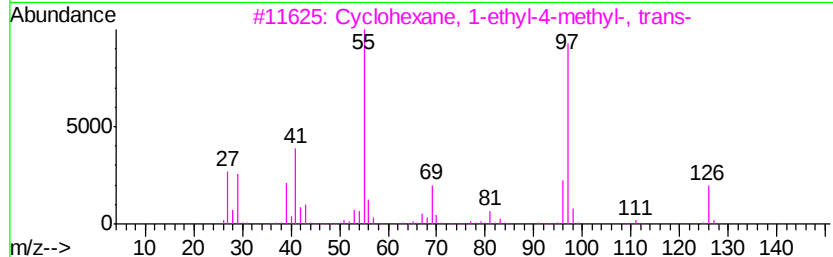
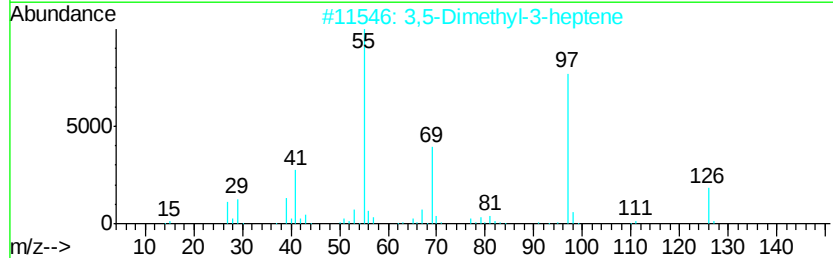
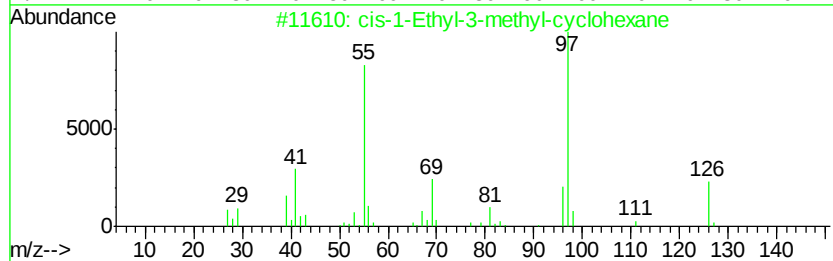
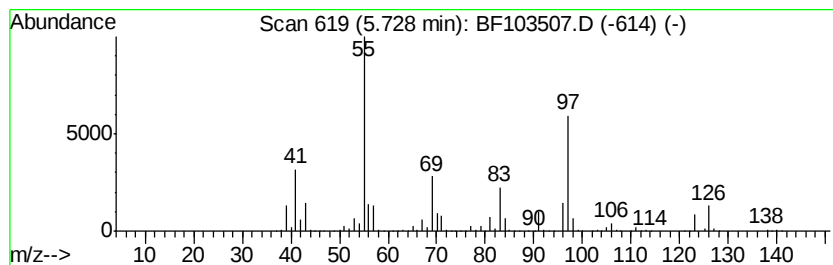
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 cis-1-Ethyl-3-methyl-cyclohexane... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	75.55 ng	6688780	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	60
2			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	55
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	55
4			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	53
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
Data File : BF103507.D
Acq On : 7 Mar 2018 18:00
Operator : SJ/JU
Sample : J1808-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-04-9.5-11

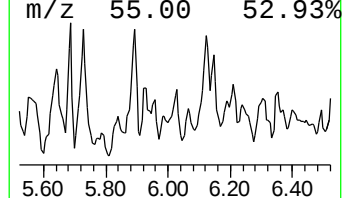
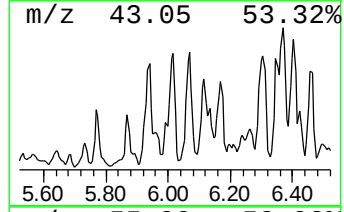
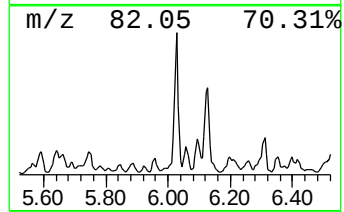
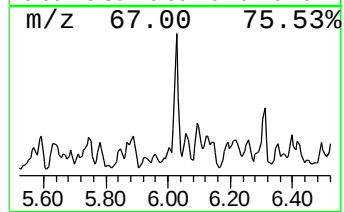
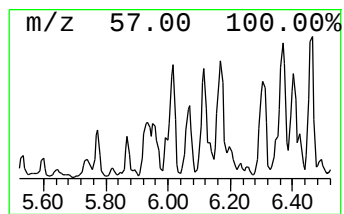
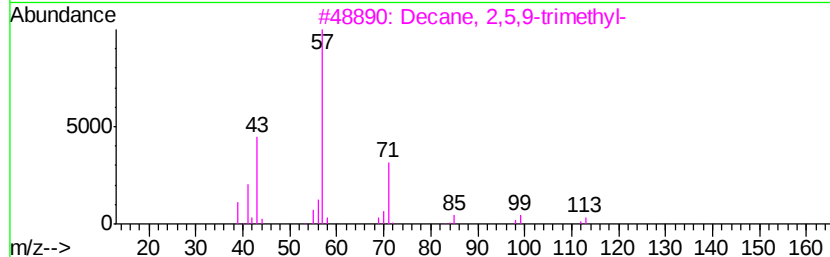
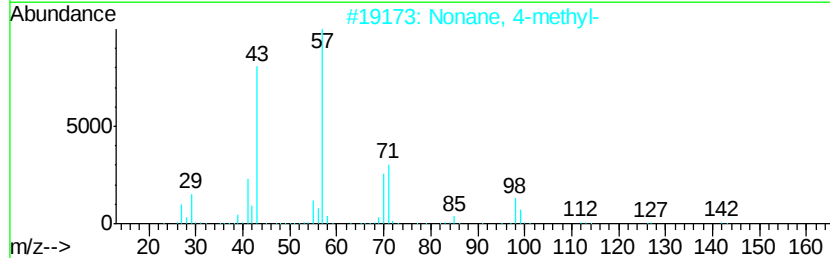
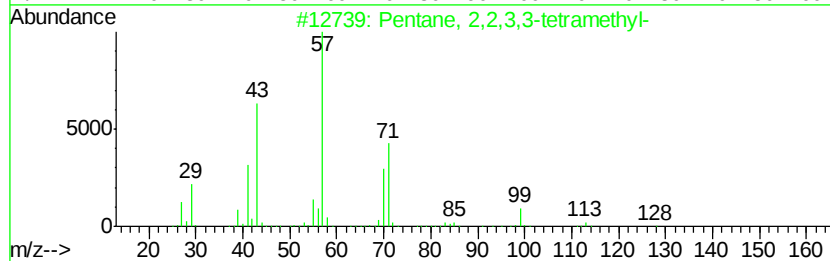
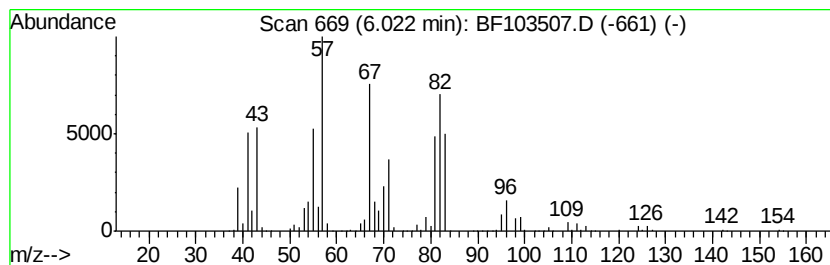
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentane, 2,2,3,3-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	86.80 ng	7685530	1,4-Dichlorobenzene-d4	6.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20		007154-79-2	50
2	Nonane, 4-methyl-	142	C10H22		017301-94-9	46
3	Decane, 2,5,9-trimethyl-	184	C13H28		062108-22-9	43
4	Heptane, 2,3,4-trimethyl-	142	C10H22		052896-95-4	43
5	Pentadecane	212	C15H32		000629-62-9	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103507.D
Acq On : 7 Mar 2018 18:00
Operator : SJ/JU
Sample : J1808-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-04-9.5-11

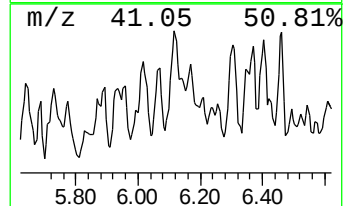
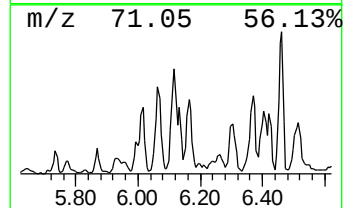
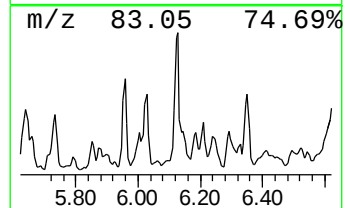
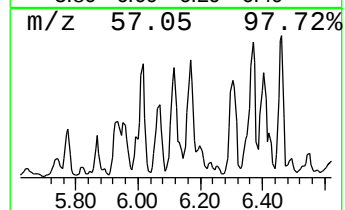
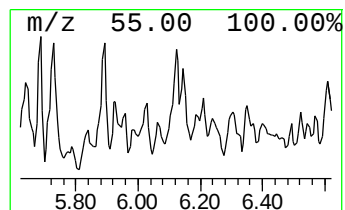
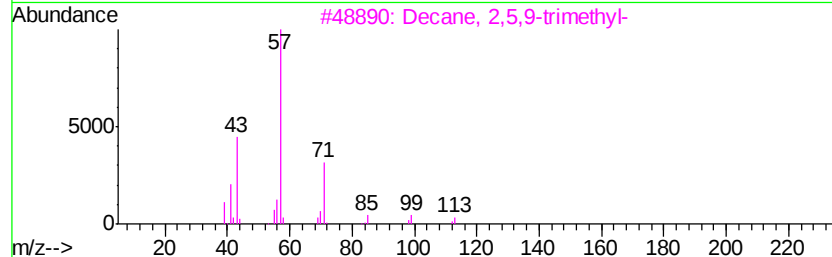
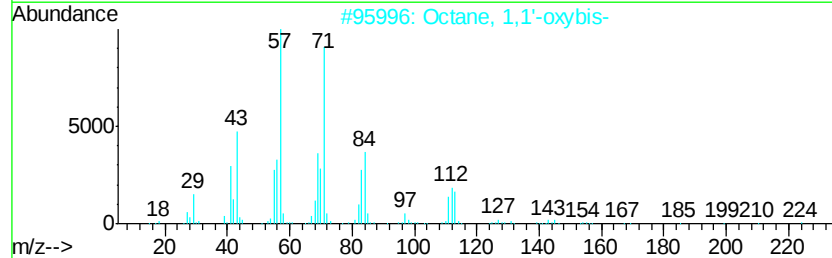
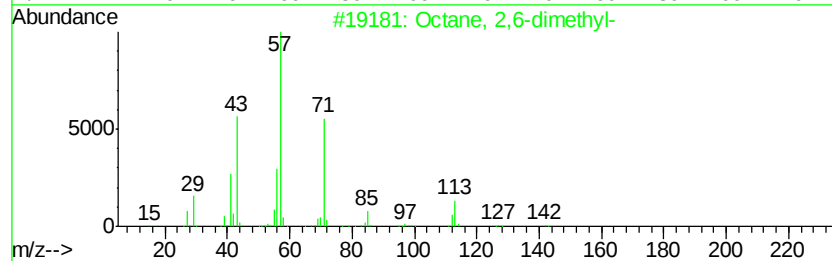
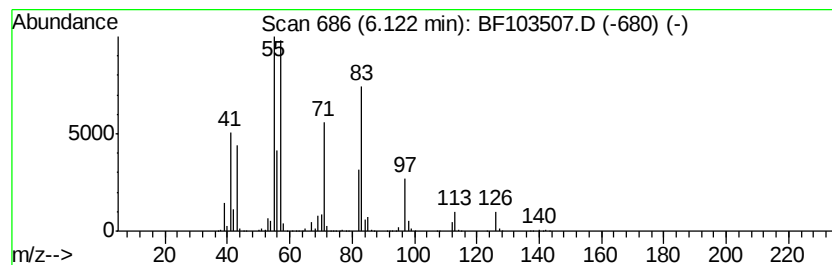
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	77.38 ng	6850630	1,4-Dichlorobenzene-d4	6.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	70
2		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	53
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	47
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	47
5		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103507.D
Acq On : 7 Mar 2018 18:00
Operator : SJ/JU
Sample : J1808-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

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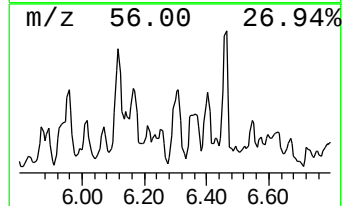
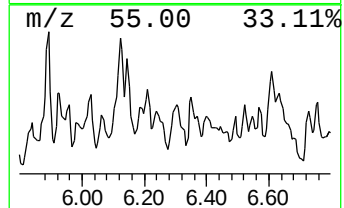
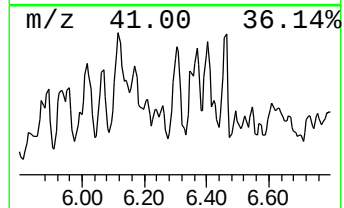
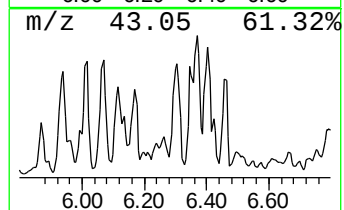
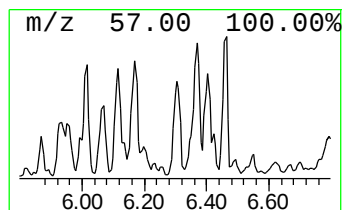
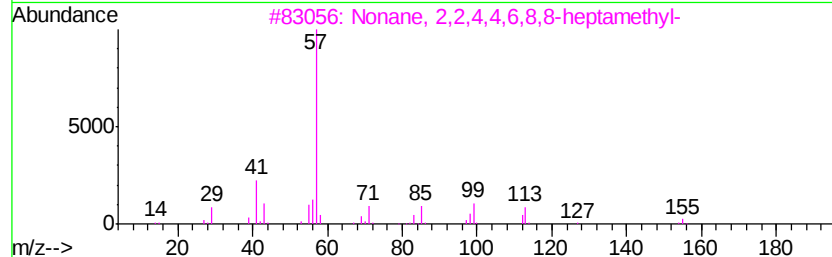
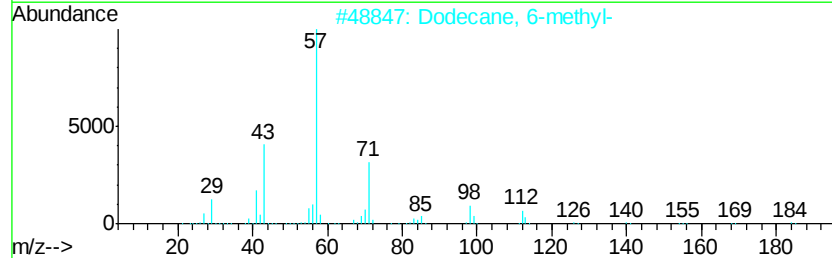
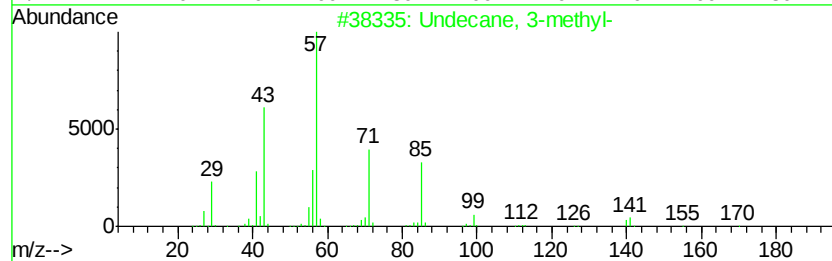
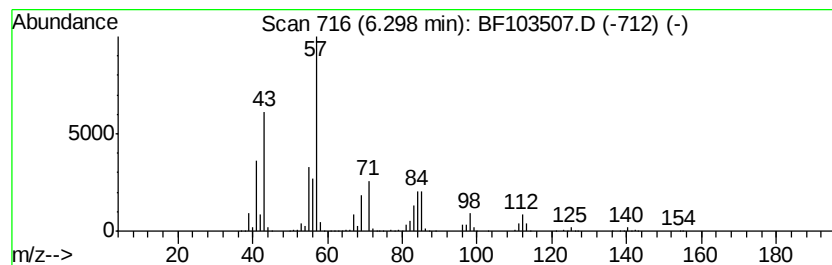
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	79.59 ng	7046810	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	50
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	47
3		Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	47
4		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	47
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
Data File : BF103507.D
Acq On : 7 Mar 2018 18:00
Operator : SJ/JU
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ClientSampleId :
SB-04-9.5-11

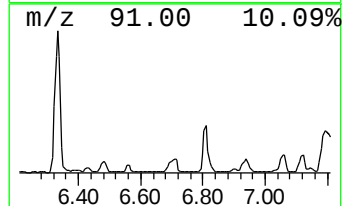
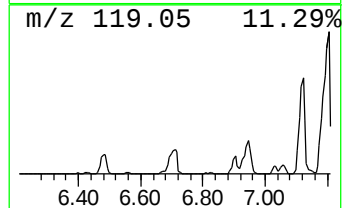
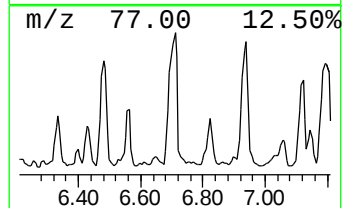
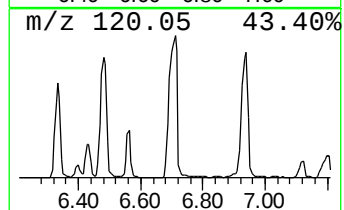
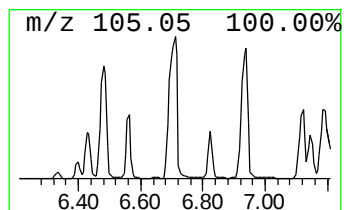
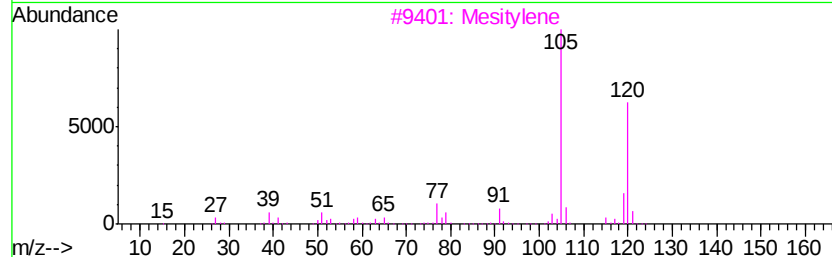
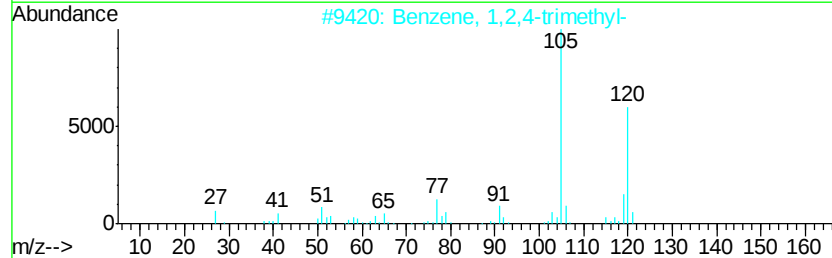
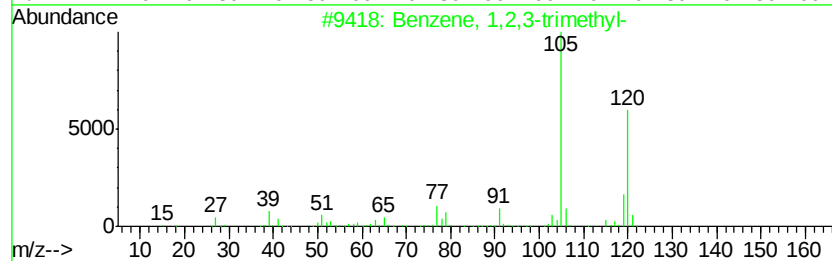
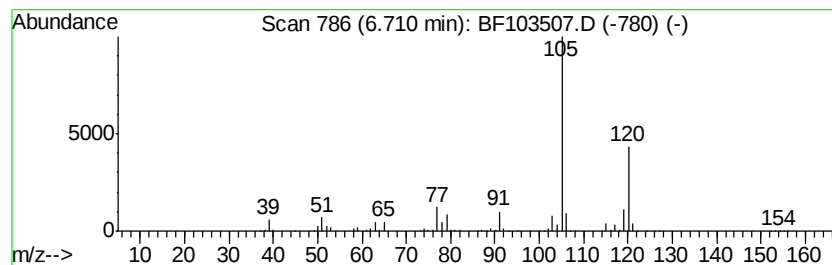
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	89.03 ng	7882950	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Mesitylene	120	C9H12	000108-67-8	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103507.D
Acq On : 7 Mar 2018 18:00
Operator : SJ/JU
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SB-04-9.5-11

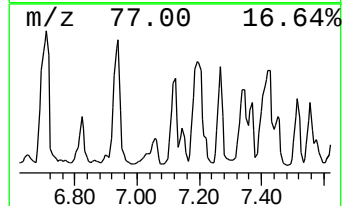
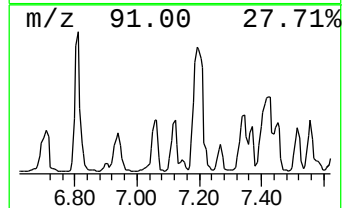
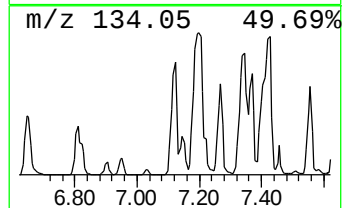
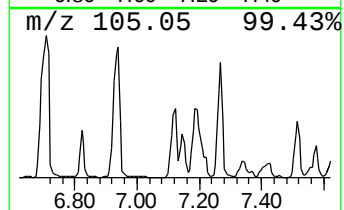
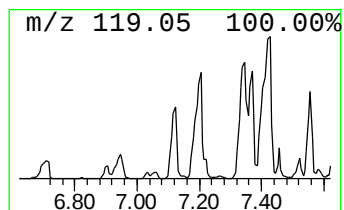
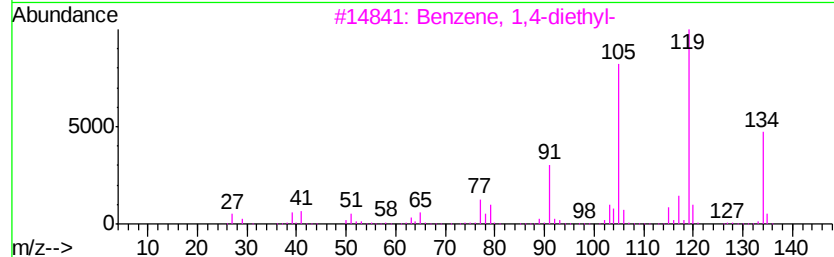
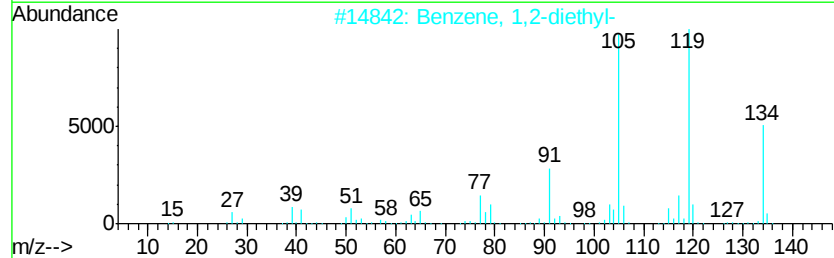
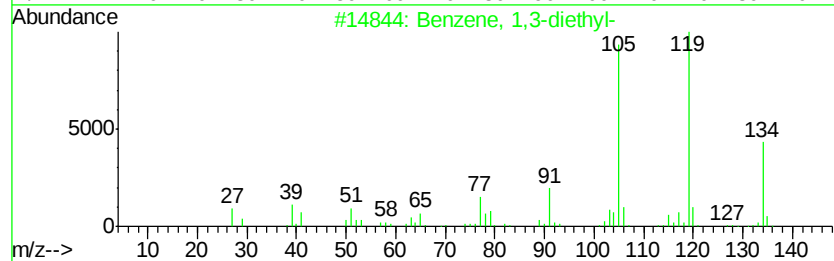
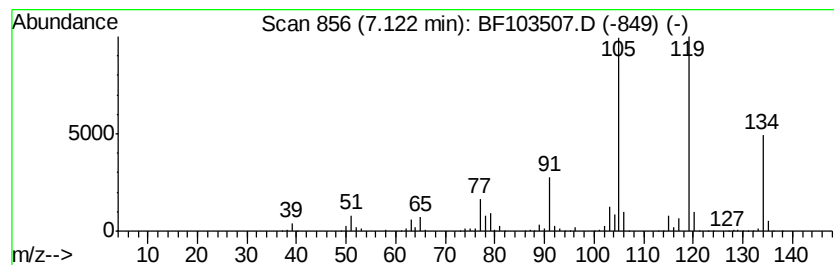
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	54.73 ng	4845840	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
Data File : BF103507.D
Acq On : 7 Mar 2018 18:00
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ALS Vial : 18 Sample Multiplier: 1

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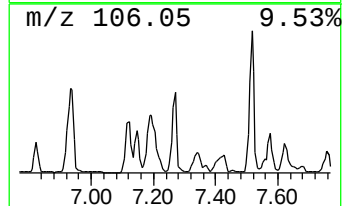
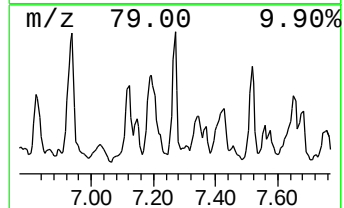
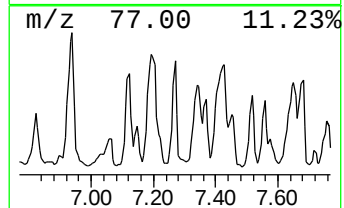
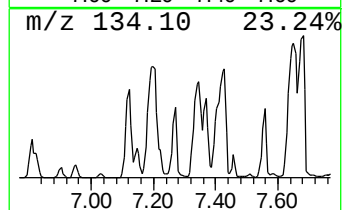
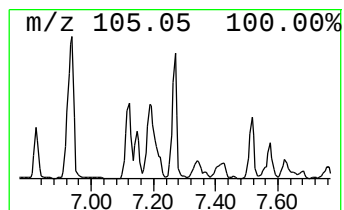
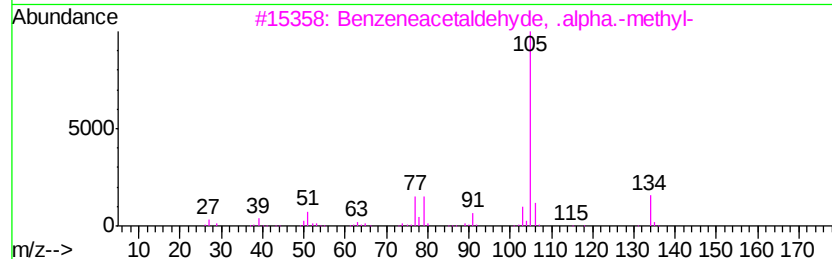
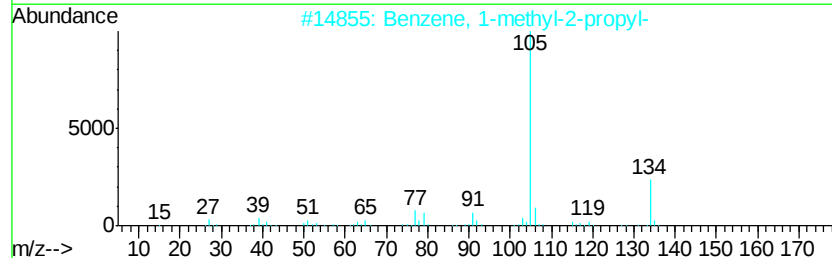
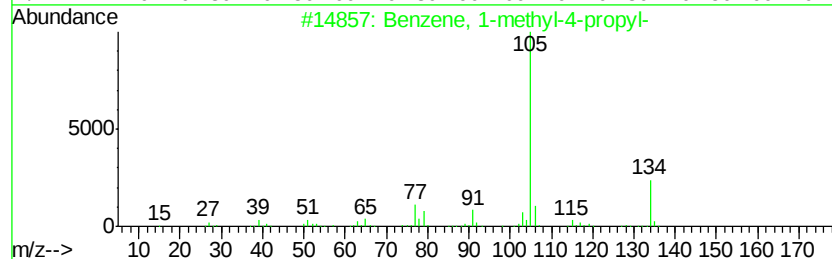
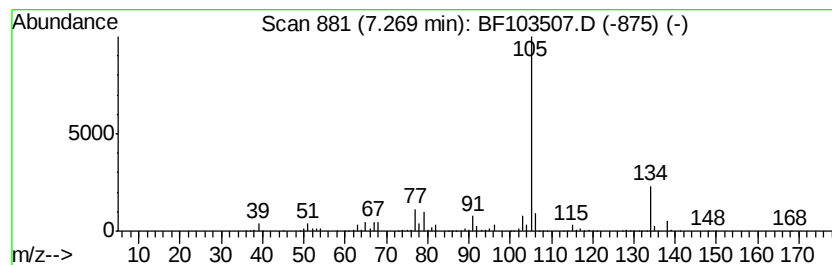
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-4-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	55.02 ng	4871150	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
3		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83
5		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103507.D
Acq On : 7 Mar 2018 18:00
Operator : SJ/JU
Sample : J1808-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11

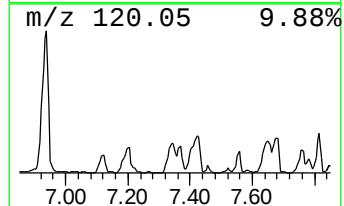
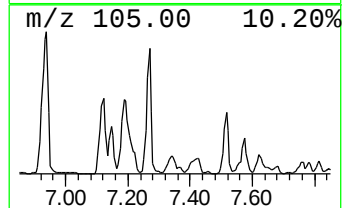
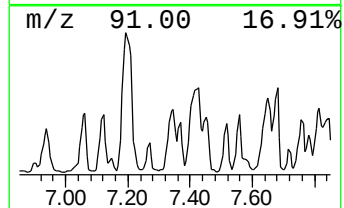
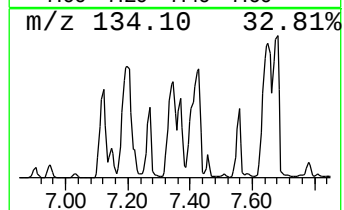
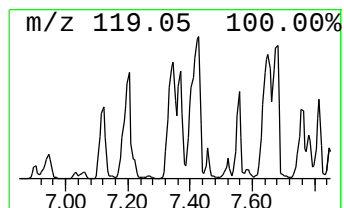
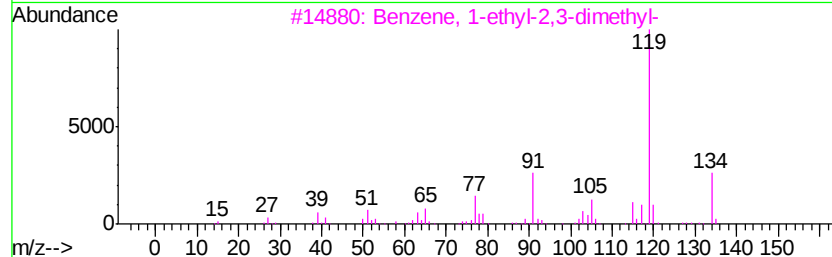
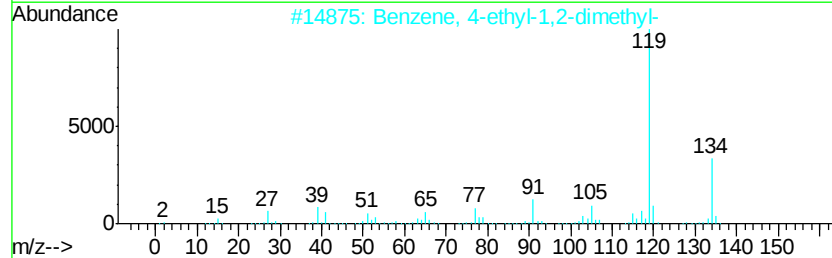
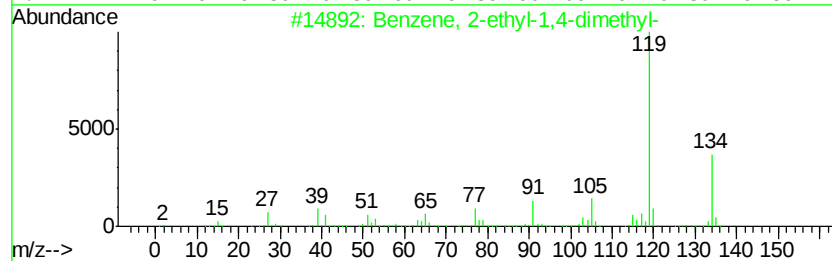
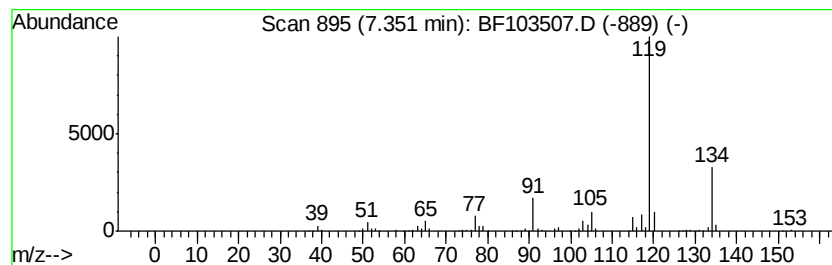
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	54.99 ng	4868410	1,4-Dichlorobenzene-d4	6.87

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
Data File : BF103507.D
Acq On : 7 Mar 2018 18:00
Operator : SJ/JU
Sample : J1808-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampled :
SB-04-9.5-11

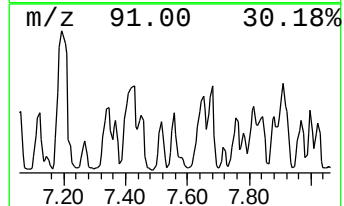
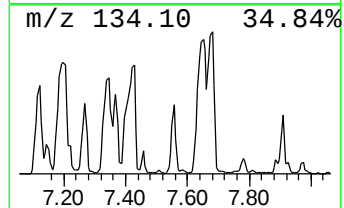
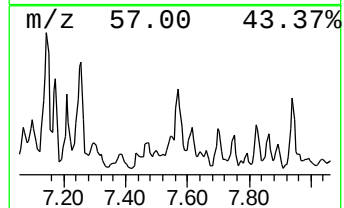
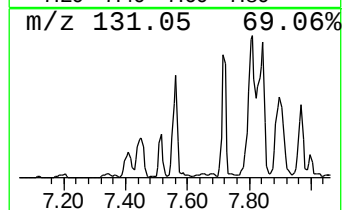
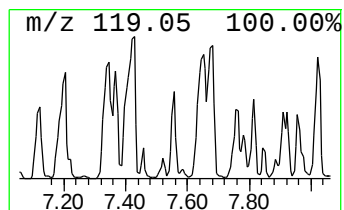
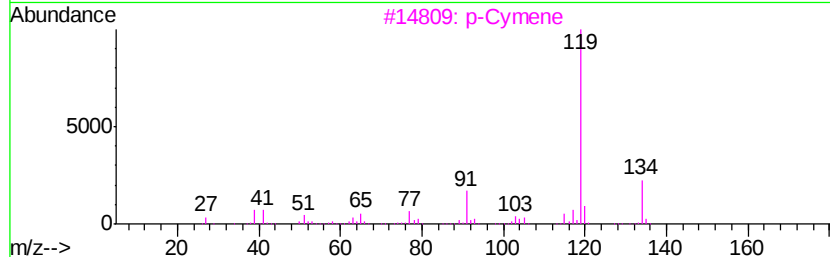
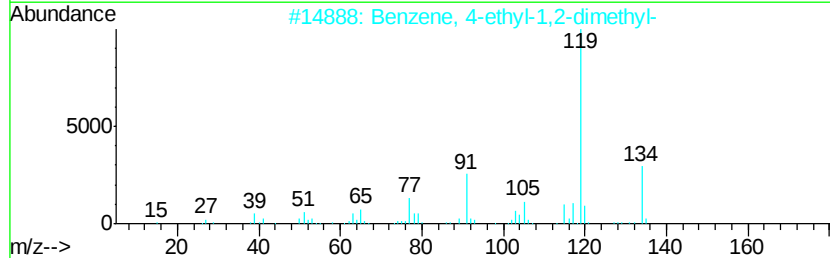
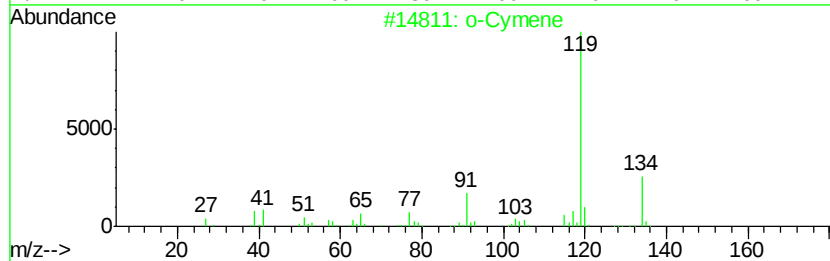
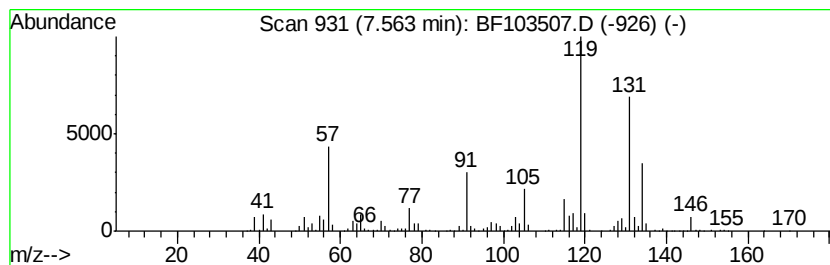
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	96.18 ng	5553260	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3		p-Cymene	134	C10H14	000099-87-6	94
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103507.D
Acq On : 7 Mar 2018 18:00
Operator : SJ/JU
Sample : J1808-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

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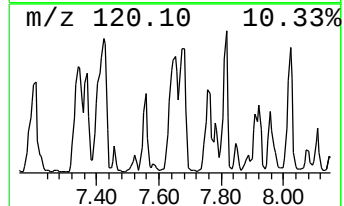
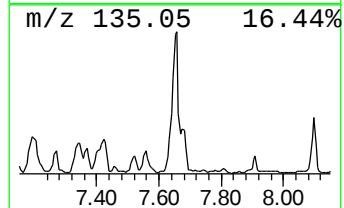
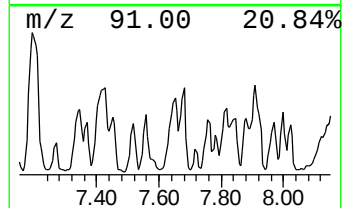
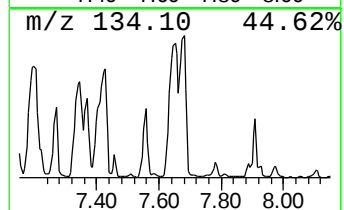
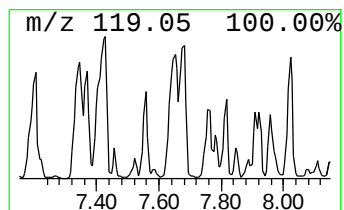
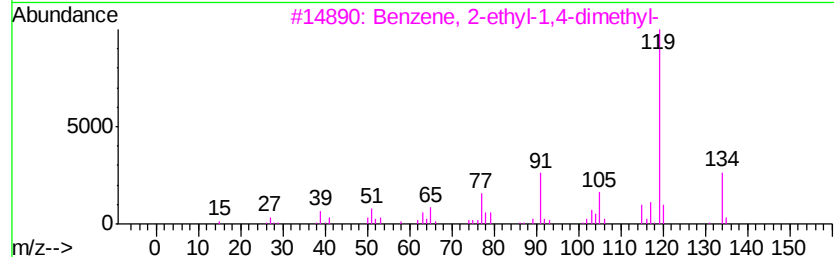
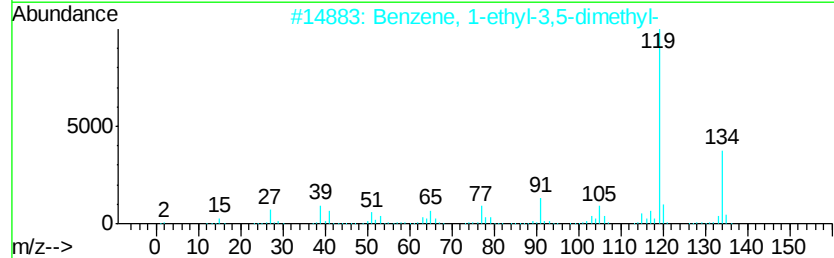
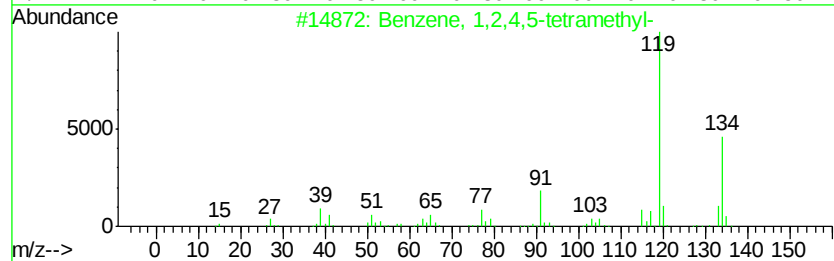
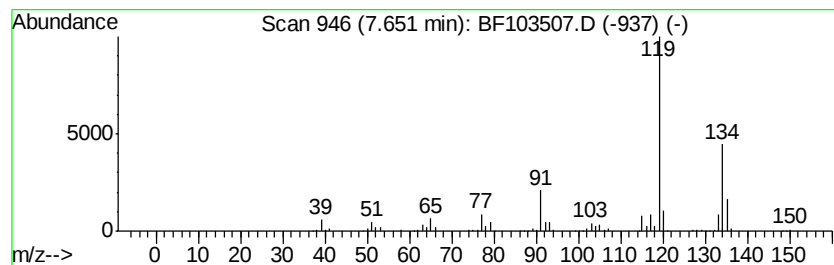
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	140.16 ng	8092350	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5		o-Cymene	134	C10H14	000527-84-4	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103507.D
Acq On : 7 Mar 2018 18:00
Operator : SJ/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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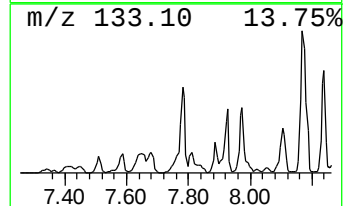
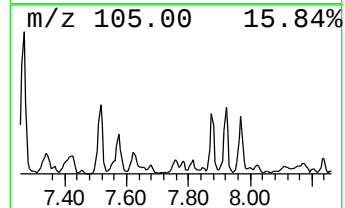
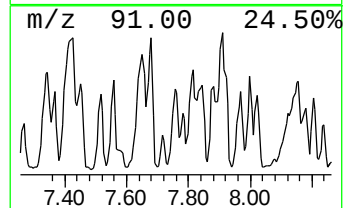
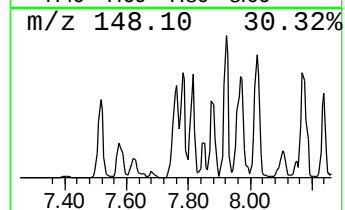
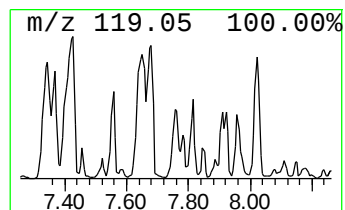
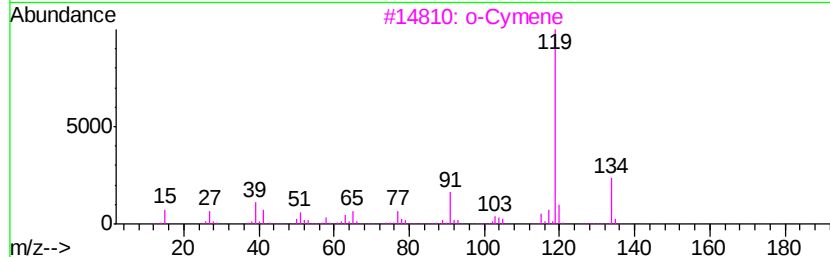
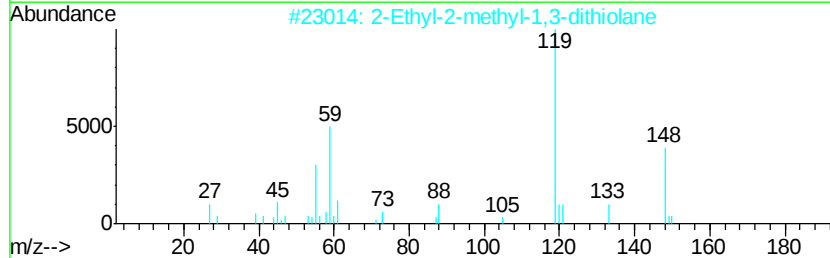
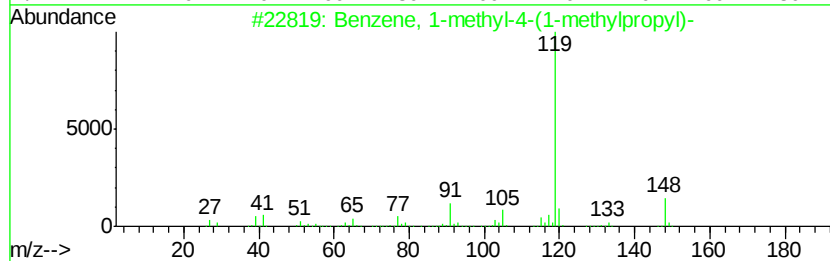
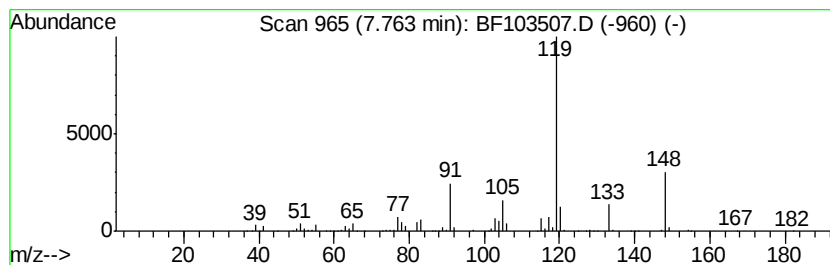
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 1-methyl-4-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	59.71 ng	3447570	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2		2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	64
3		o-Cymene	134	C10H14	000527-84-4	64
4		p-Cymene	134	C10H14	000099-87-6	64
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103507.D
Acq On : 7 Mar 2018 18:00
Operator : SJ/JU
Sample : J1808-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-04-9.5-11

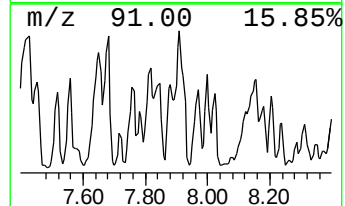
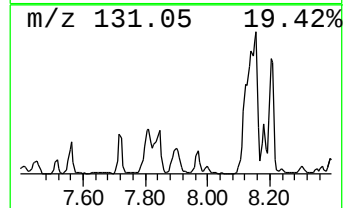
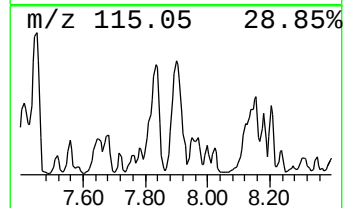
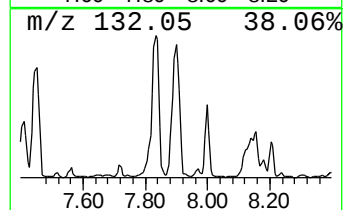
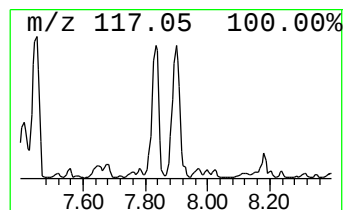
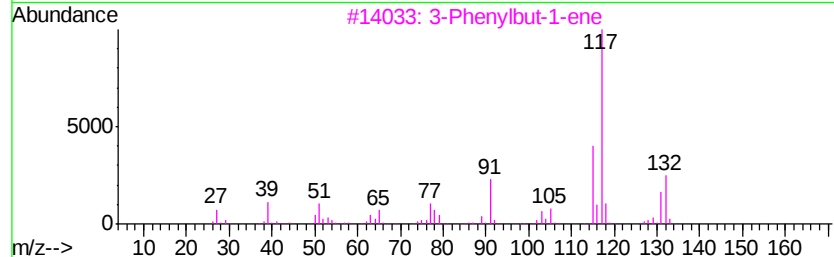
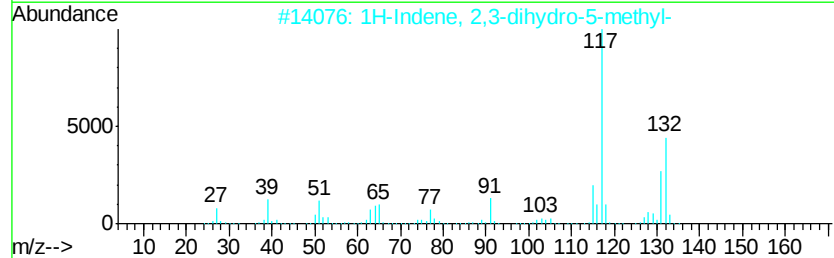
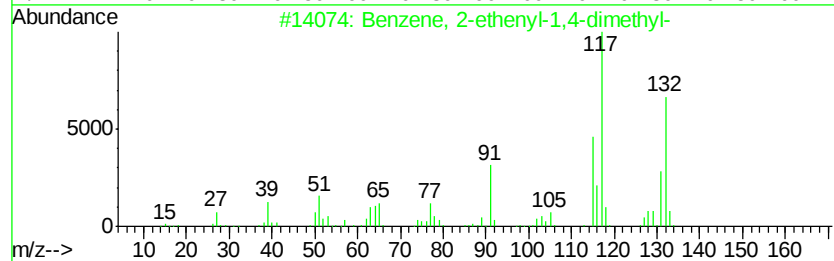
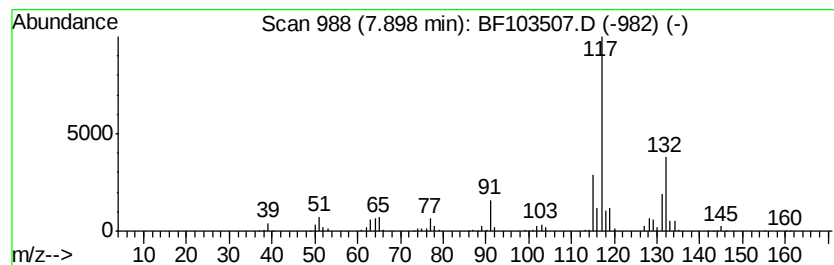
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	172.35 ng	9950800	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	89
4		2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103507.D
Acq On : 7 Mar 2018 18:00
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ClientSampleId :
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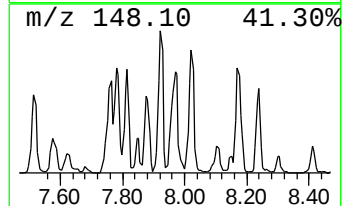
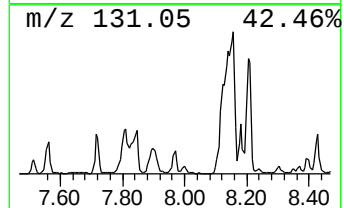
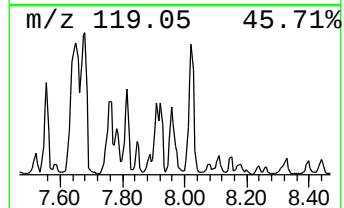
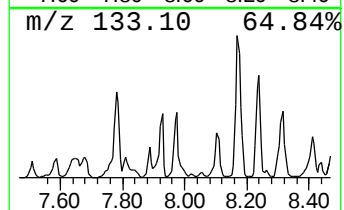
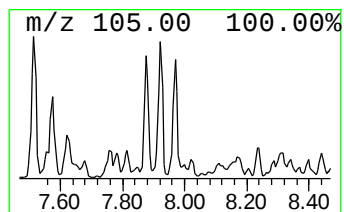
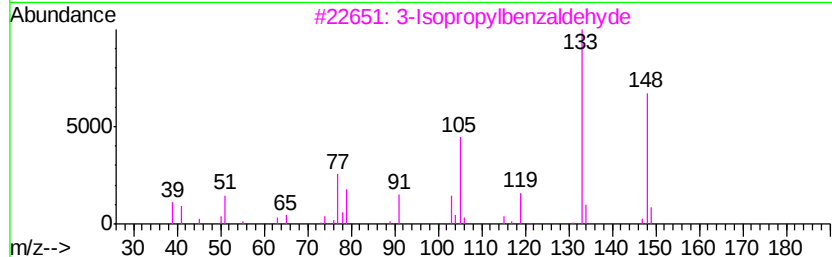
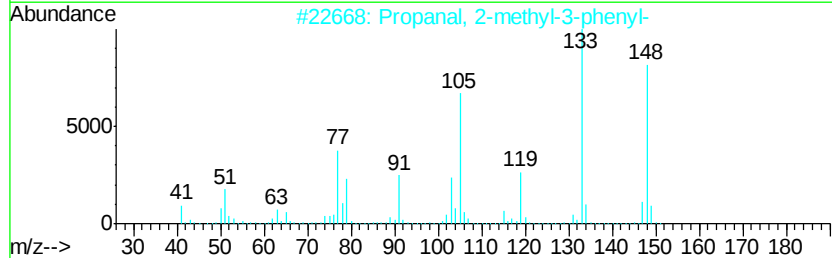
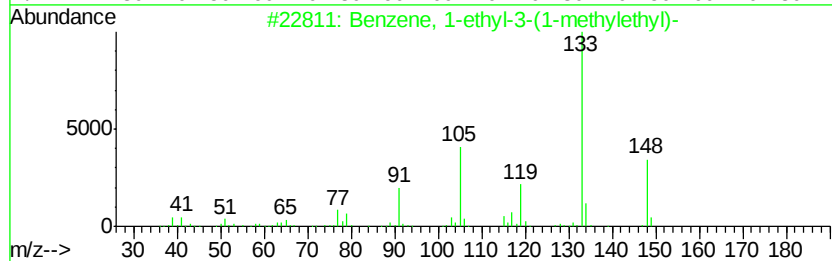
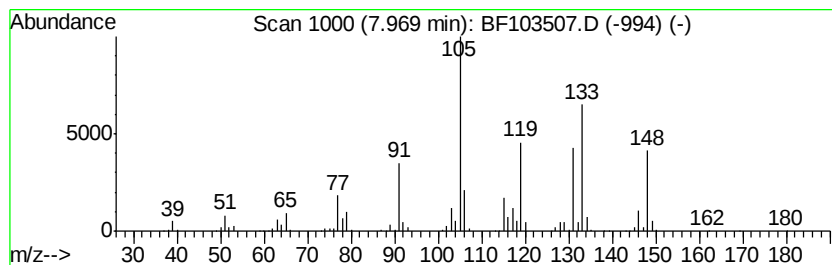
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	74.03 ng	4274360	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	58
2		Propanal, 2-methyl-3-phenyl-	148	C10H12O	1000131-87-6	55
3		3-Isopropylbenzaldehyde	148	C10H12O	034246-57-6	50
4		Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	46
5		Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
Data File : BF103507.D
Acq On : 7 Mar 2018 18:00
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
SB-04-9.5-11

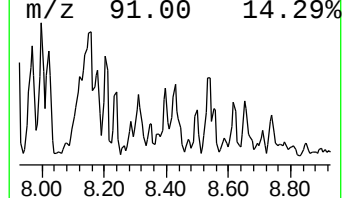
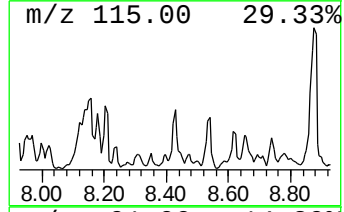
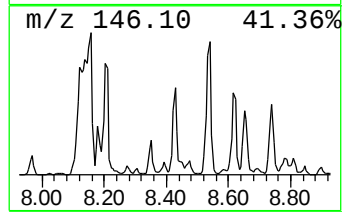
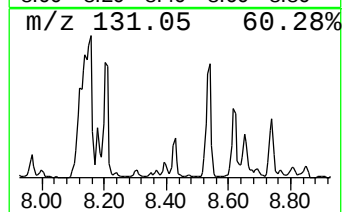
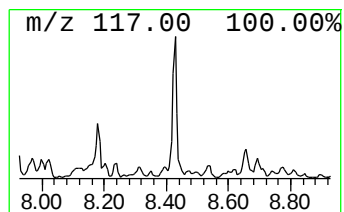
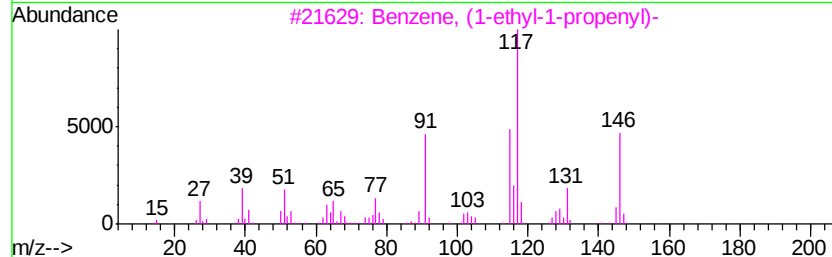
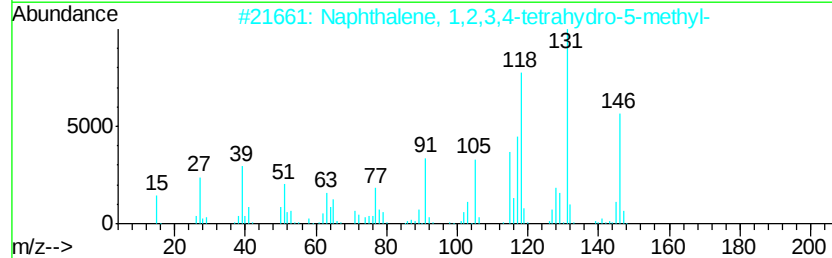
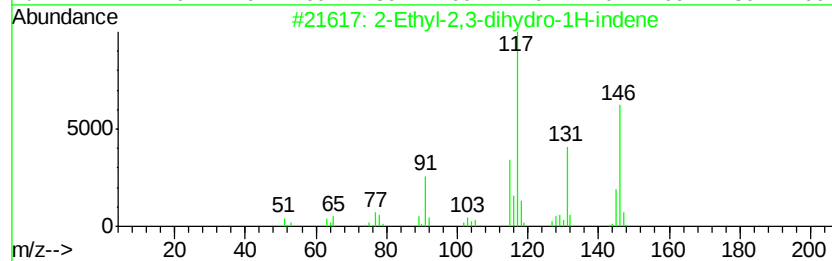
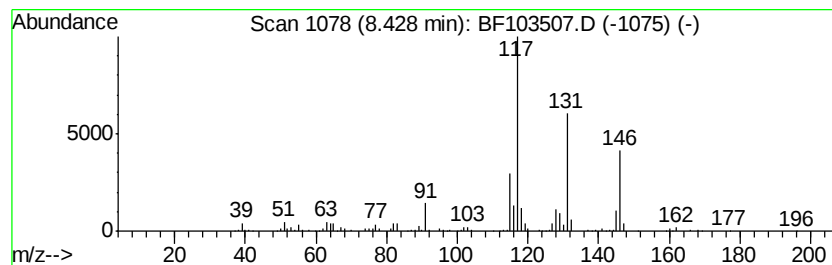
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	63.05 ng	3640400	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
3		Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	60
4		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	53
5		1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
 Data File : BF103507.D
 Acq On : 7 Mar 2018 18:00
 Operator : SJ/JU
 Sample : J1808-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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-	3.91	57.8	ng	5113690	1	6.87	1770760	20.0
unknown5.28	5.28	64.2	ng	5683390	1	6.87	1770760	20.0
Hexane, 2,3,4-tri...	5.37	82.3	ng	7286620	1	6.87	1770760	20.0
cis-1-Ethyl-3-met...	5.73	75.5	ng	6688780	1	6.87	1770760	20.0
Pentane, 2,2,3,3-...	6.02	86.8	ng	7685530	1	6.87	1770760	20.0
Octane, 2,6-dimet...	6.12	77.4	ng	6850630	1	6.87	1770760	20.0
Undecane, 3-methyl-	6.30	79.6	ng	7046810	1	6.87	1770760	20.0
Benzene, 1,2,3-tr...	6.71	89.0	ng	7882950	1	6.87	1770760	20.0
Benzene, 1,3-diet...	7.12	54.7	ng	4845840	1	6.87	1770760	20.0
Benzene, 1-methyl...	7.27	55.0	ng	4871150	1	6.87	1770760	20.0
Benzene, 2-ethyl-...	7.35	55.0	ng	4868410	1	6.87	1770760	20.0
o-Cymene	7.56	96.2	ng	5553260	2	8.16	1154720	20.0
Benzene, 1,2,4,5-...	7.65	140.2	ng	8092350	2	8.16	1154720	20.0
Benzene, 1-methyl...	7.76	59.7	ng	3447570	2	8.16	1154720	20.0
Benzene, 2-etheny...	7.90	172.3	ng	9950800	2	8.16	1154720	20.0
Benzene, 1-ethyl-...	7.97	74.0	ng	4274360	2	8.16	1154720	20.0
2-Ethyl-2,3-dihyd...	8.43	63.0	ng	3640400	2	8.16	1154720	20.0