

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102751.D
 Acq On : 5 Feb 2018 21:15
 Operator : SJ/JU
 Sample : J1454-05 20X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-6-EW(2-4)

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-BF020318.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	4	8	24	rVB3	85370	184733	4.98%	0.202%
2	5.022	490	499	508	rVB	202885	314571	8.49%	0.344%
3	5.363	554	557	561	rVV2	421663	592227	15.98%	0.647%
4	5.398	561	563	566	rVV	276506	235429	6.35%	0.257%
5	5.481	569	577	583	rVB3	904561	1506882	40.65%	1.645%
6	5.728	616	619	621	rBV	285004	281945	7.61%	0.308%
7	5.751	621	623	626	rVV2	195504	194185	5.24%	0.212%
8	5.787	626	629	636	rVB	356621	339208	9.15%	0.370%
9	5.945	652	656	659	rBV3	264280	325958	8.79%	0.356%
10	6.028	664	670	672	rBV	275989	310902	8.39%	0.340%
11	6.128	682	687	693	rBV2	357349	489550	13.21%	0.535%
12	6.316	714	719	721	rBV2	376365	500386	13.50%	0.546%
13	6.339	721	723	725	rVV	438008	385299	10.39%	0.421%
14	6.375	725	729	732	rVV	1440153	1502862	40.55%	1.641%
15	6.410	732	735	737	rVV	965619	844376	22.78%	0.922%
16	6.439	737	740	742	rVB	640450	573624	15.48%	0.626%
17	6.481	742	747	754	rVB3	1431049	2276302	61.41%	2.486%
18	6.569	757	762	767	rVB2	1436203	1424712	38.44%	1.556%
19	6.645	767	775	778	rBV3	499413	789806	21.31%	0.862%
20	6.704	782	785	791	rVB2	2236743	2236865	60.35%	2.443%
21	6.816	798	804	806	rBV2	309891	369349	9.96%	0.403%
22	6.881	810	815	821	rVB3	1535619	1844309	49.76%	2.014%
23	6.939	821	825	827	rBV	1201709	1038676	28.02%	1.134%
24	7.004	832	836	838	rBV	697403	827064	22.31%	0.903%
25	7.028	838	840	843	rVB4	281993	359407	9.70%	0.392%
26	7.063	843	846	848	rVB	940824	734511	19.82%	0.802%
27	7.104	851	853	855	rBV2	169265	194732	5.25%	0.213%
28	7.128	855	857	859	rBV	1032688	816841	22.04%	0.892%
29	7.157	859	862	864	rVV	1549772	1277102	34.45%	1.395%
30	7.198	864	869	871	rVV	2938336	2740918	73.95%	2.993%
31	7.216	871	872	876	rVB	1145508	1015938	27.41%	1.109%
32	7.275	876	882	885	rVB2	1065906	1401799	37.82%	1.531%
33	7.316	885	889	890	rBV	357198	394875	10.65%	0.431%
34	7.345	890	894	896	rVB	1406204	1068955	28.84%	1.167%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.369	896	898	900	rVB	918409	614270	16.57%	0.671%
36	7.416	900	906	909	rBV	3223811	2800714	75.56%	3.058%
37	7.451	909	912	914	rBV2	922456	850329	22.94%	0.929%
38	7.475	914	916	920	rVB	1472899	1127233	30.41%	1.231%
39	7.528	920	925	928	rBV2	680379	771925	20.83%	0.843%
40	7.563	928	931	933	rBV	772057	779382	21.03%	0.851%
41	7.633	939	943	944	rBV2	487819	572044	15.43%	0.625%
42	7.651	944	946	948	rVV	2111086	1724299	46.52%	1.883%
43	7.675	948	950	954	rVV	2423215	2108939	56.90%	2.303%
44	7.710	954	956	958	rVV	263344	195777	5.28%	0.214%
45	7.763	961	965	967	rBV2	959729	944729	25.49%	1.032%
46	7.786	967	969	971	rVV2	968769	713010	19.24%	0.779%
47	7.816	971	974	976	rVV2	1288951	1326082	35.78%	1.448%
48	7.839	976	978	982	rVV4	1556455	1876833	50.63%	2.049%
49	7.880	982	985	986	rVV2	1446472	1277482	34.46%	1.395%
50	7.904	986	989	992	rVV2	3425646	3706612	100.00%	4.048%
51	7.933	992	994	996	rVV	1734806	1426674	38.49%	1.558%
52	7.957	996	998	999	rVV	680031	617538	16.66%	0.674%
53	7.981	999	1002	1004	rVV2	1155796	1257147	33.92%	1.373%
54	8.004	1004	1006	1008	rVV	403600	288194	7.78%	0.315%
55	8.033	1008	1011	1015	rVB	1201464	974977	26.30%	1.065%
56	8.145	1018	1030	1031	rBV2	2200575	3556136	95.94%	3.883%
57	8.186	1035	1037	1039	rVV	2513561	2292902	61.86%	2.504%
58	8.210	1039	1041	1045	rVV2	1397043	1665643	44.94%	1.819%
59	8.251	1045	1048	1051	rVV	1087251	963487	25.99%	1.052%
60	8.275	1051	1052	1055	rVV2	290792	241262	6.51%	0.263%
61	8.333	1055	1062	1064	rVV3	495973	923857	24.92%	1.009%
62	8.357	1064	1066	1070	rVV3	364135	444326	11.99%	0.485%
63	8.416	1073	1076	1078	rVV	467089	538468	14.53%	0.588%
64	8.439	1078	1080	1082	rVV	900243	1032497	27.86%	1.127%
65	8.457	1082	1083	1087	rVV3	1048641	855441	23.08%	0.934%
66	8.486	1087	1088	1089	rVV	335204	211468	5.71%	0.231%
67	8.510	1089	1092	1095	rVV3	516724	678850	18.31%	0.741%
68	8.545	1095	1098	1101	rVV3	1091416	1333380	35.97%	1.456%
69	8.580	1101	1104	1106	rVV3	483799	505925	13.65%	0.552%
70	8.604	1106	1108	1110	rVV2	209718	188714	5.09%	0.206%
71	8.628	1110	1112	1115	rVB2	643823	571289	15.41%	0.624%

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72	8.669	1115	1119	1121	rBV3	684995	649254	17.52%	0.709%
73	8.722	1124	1128	1130	rVB2	202019	231190	6.24%	0.252%
74	8.751	1130	1133	1137	rBV2	774105	705006	19.02%	0.770%
75	8.875	1152	1154	1157	rVB	1258406	1030794	27.81%	1.126%
76	8.975	1166	1171	1175	rVV	1081229	1111904	30.00%	1.214%
77	9.233	1213	1215	1225	rVB	393509	379632	10.24%	0.415%
78	9.498	1254	1260	1264	rVB	246794	343380	9.26%	0.375%
79	9.575	1266	1273	1276	rBV	335681	368055	9.93%	0.402%
80	9.922	1328	1332	1335	rVV	1868086	1581273	42.66%	1.727%
81	9.951	1335	1337	1340	rVB	332506	246048	6.64%	0.269%
82	10.463	1421	1424	1430	rVB	304712	312384	8.43%	0.341%
83	10.704	1459	1465	1469	rVV2	230874	233262	6.29%	0.255%
84	11.404	1580	1584	1586	rBV	1371180	1340232	36.16%	1.464%
85	11.427	1586	1588	1592	rVV	1380440	1189533	32.09%	1.299%
86	11.480	1594	1597	1600	rVV	359025	274539	7.41%	0.300%
87	11.933	1672	1674	1678	rVB	279893	228013	6.15%	0.249%
88	12.021	1685	1689	1691	rBV	324099	334810	9.03%	0.366%
89	12.621	1787	1791	1794	rBV	1765784	1522215	41.07%	1.662%
90	12.851	1823	1830	1835	rBV	1378936	1548638	41.78%	1.691%
91	12.986	1851	1853	1860	rVB2	228438	236833	6.39%	0.259%
92	13.174	1882	1885	1888	rVB	292841	271221	7.32%	0.296%
93	13.239	1893	1896	1899	rVB	315756	258646	6.98%	0.282%
94	14.039	2028	2032	2035	rBV2	1226442	1744137	47.05%	1.905%
95	14.068	2035	2037	2043	rVB	773607	676993	18.26%	0.739%
96	15.086	2206	2210	2213	rBV	609758	902257	24.34%	0.985%
97	15.398	2259	2263	2268	rVB	380679	504595	13.61%	0.551%
98	15.456	2269	2273	2280	rVB	509613	668721	18.04%	0.730%
99	15.521	2280	2284	2288	rBV	621743	913541	24.65%	0.998%
100	17.003	2533	2536	2544	rVB2	212214	417083	11.25%	0.455%

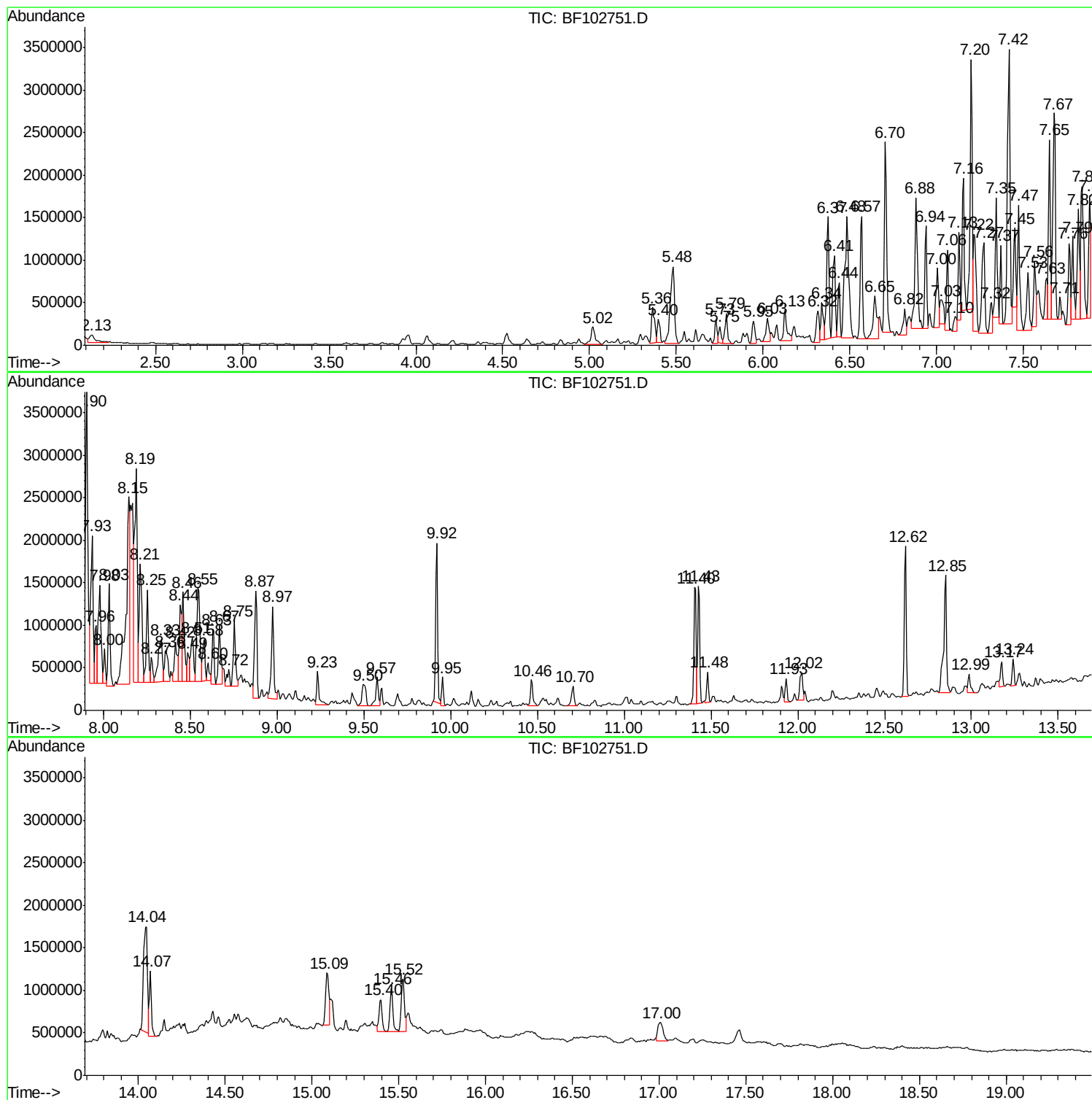
Sum of corrected areas: 91576322

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Instrument :
BNA_F
ClientSampled :
8-SAN-6-EW(2-4)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.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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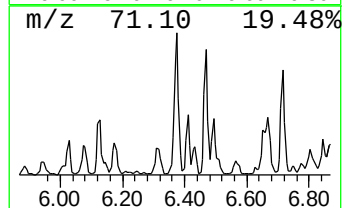
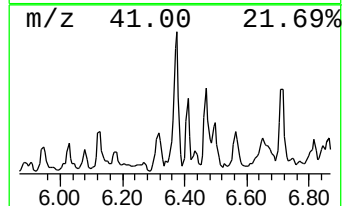
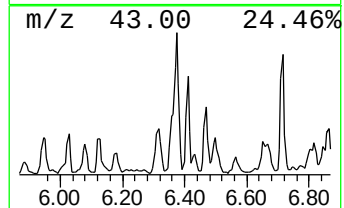
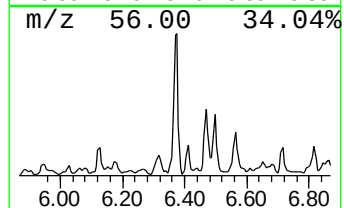
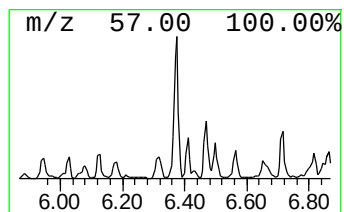
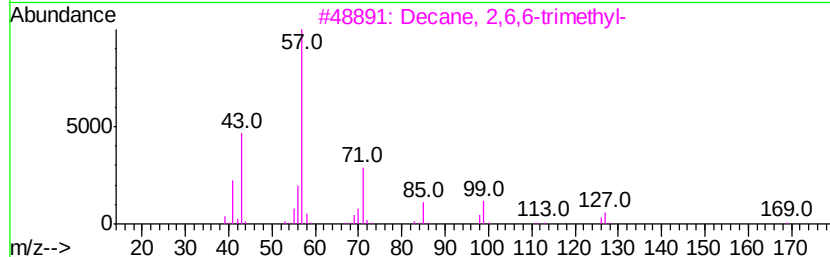
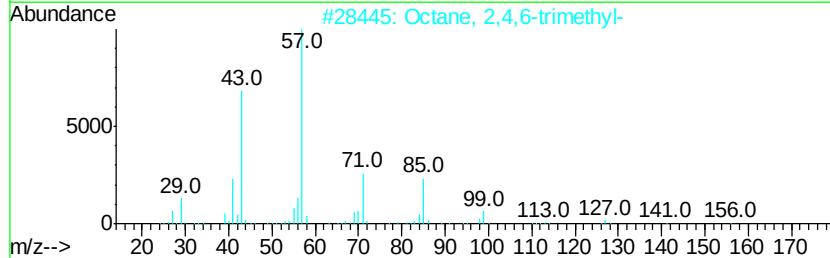
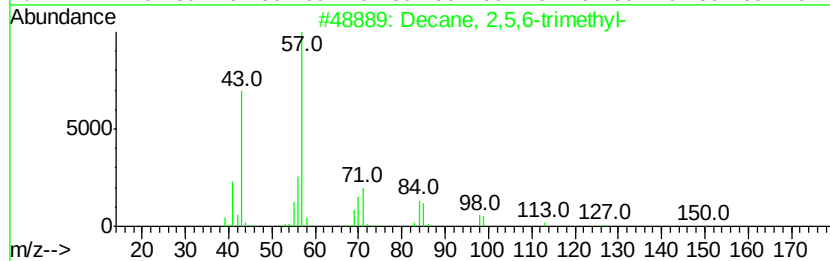
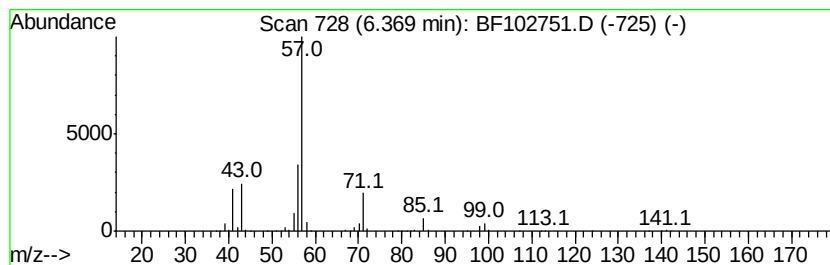
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane, 2,5,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	16.30 ng	1502860	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
2		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
3		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	53
4		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
5		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53



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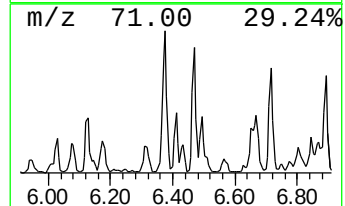
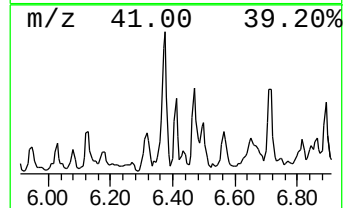
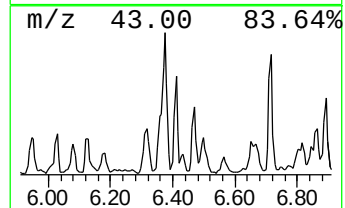
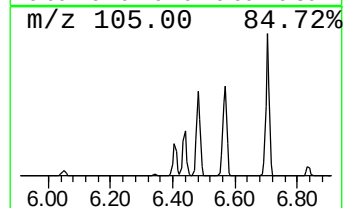
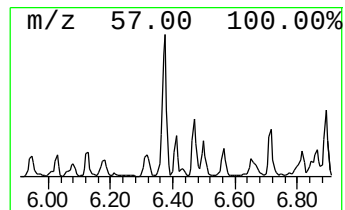
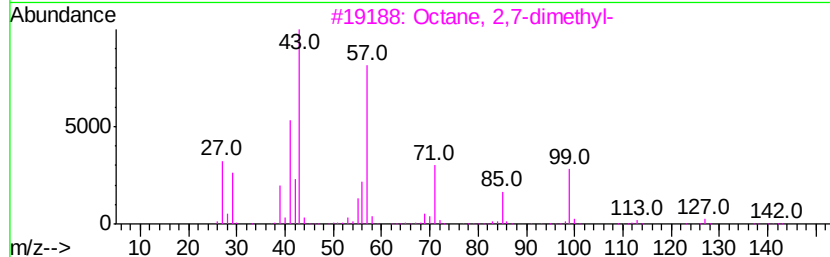
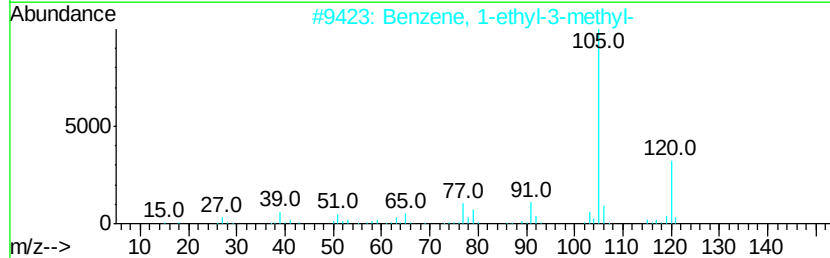
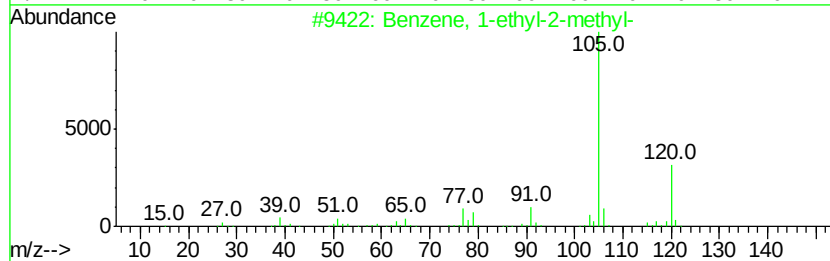
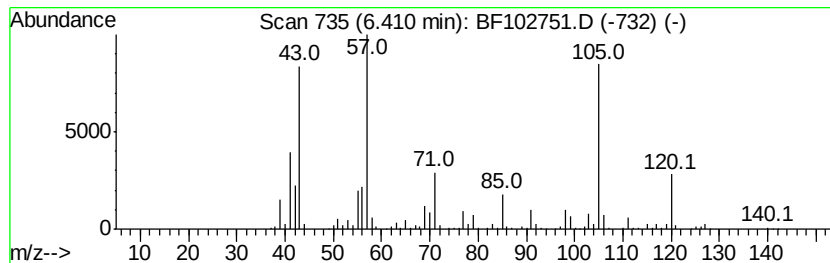
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	9.16 ng	844376	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
3			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	49
4			Octane, 2-methyl-	128	C9H20	003221-61-2	38
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	35



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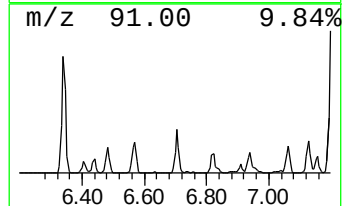
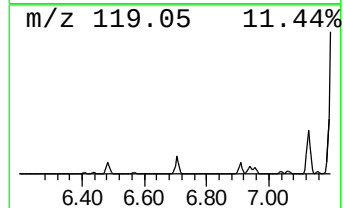
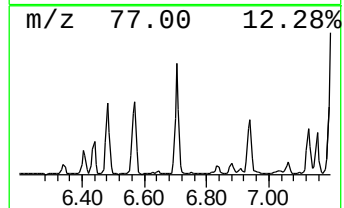
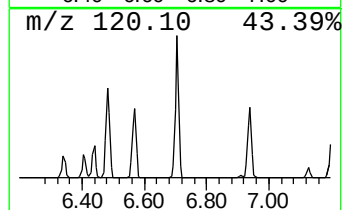
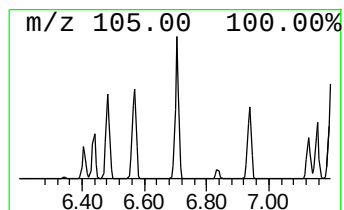
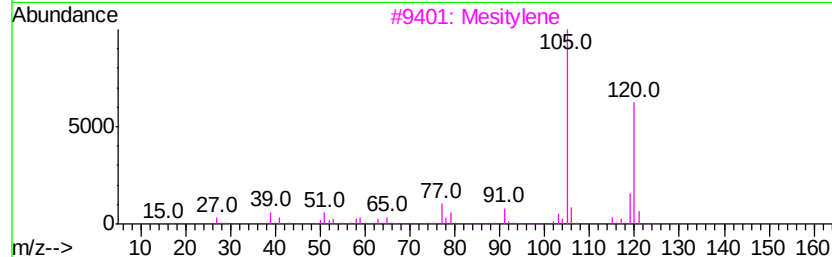
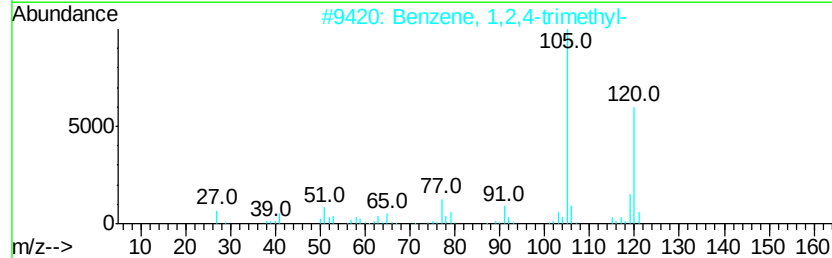
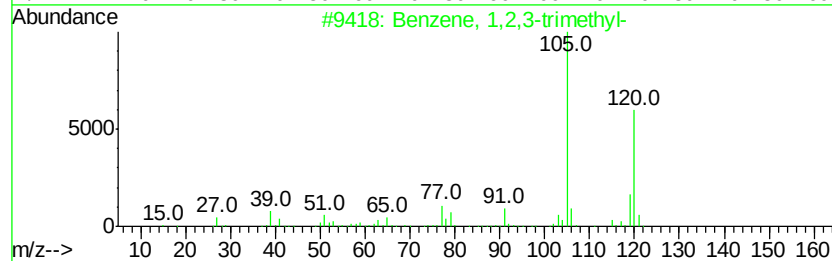
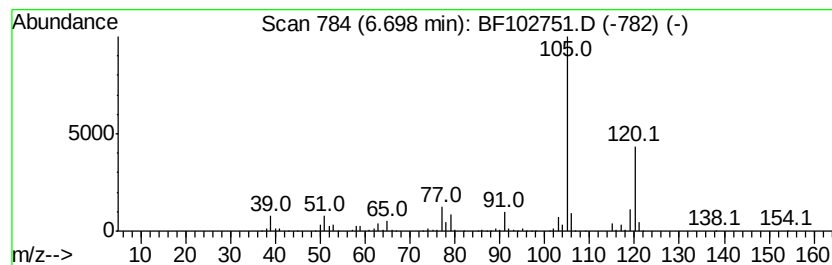
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Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	24.26 ng	2236870	1,4-Dichlorobenzene-d4	6.88

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	93
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102751.D
Acq On : 5 Feb 2018 21:15
Operator : SJ/JU
Sample : J1454-05 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-6-EW(2-4)

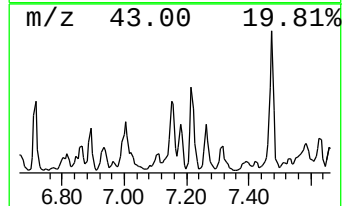
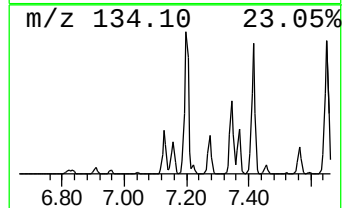
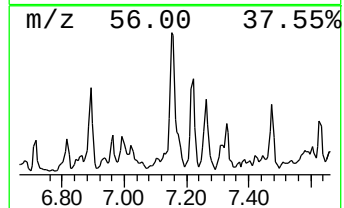
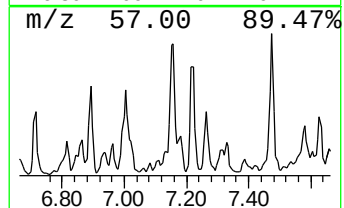
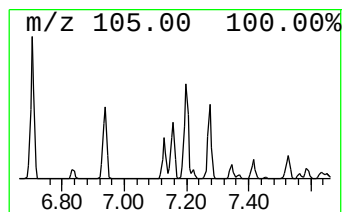
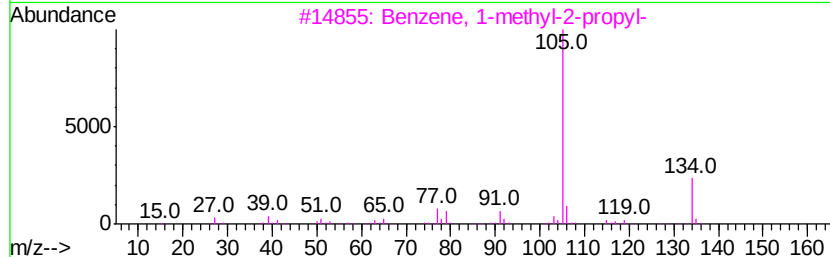
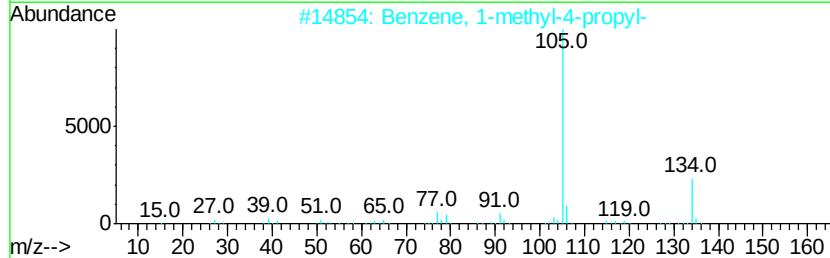
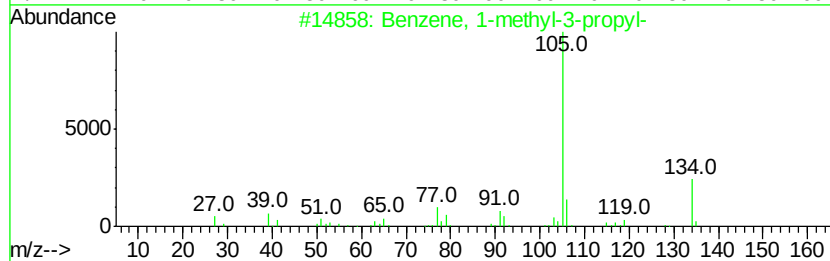
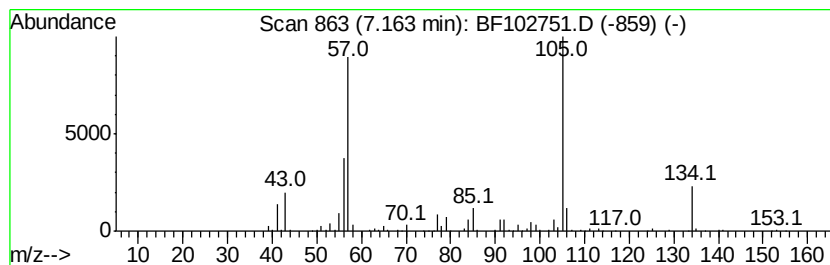
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	13.85 ng	1277100	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	46
4		2-Tolyloxirane	134	C9H10O	002783-26-8	46
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	41



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
Data File : BF102751.D
Acq On : 5 Feb 2018 21:15
Operator : SJ/JU
Sample : J1454-05 20X
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Instrument :
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ClientSampleID :
8-SAN-6-EW(2-4)

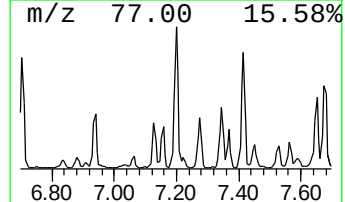
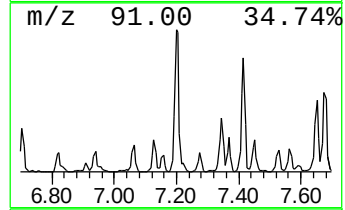
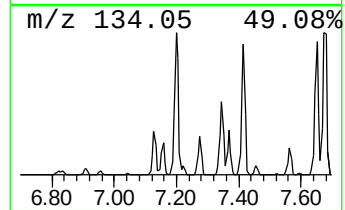
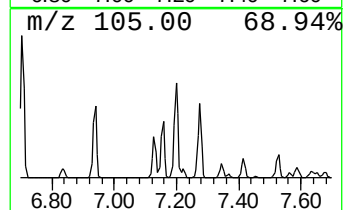
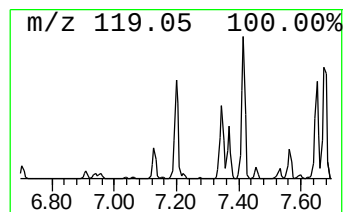
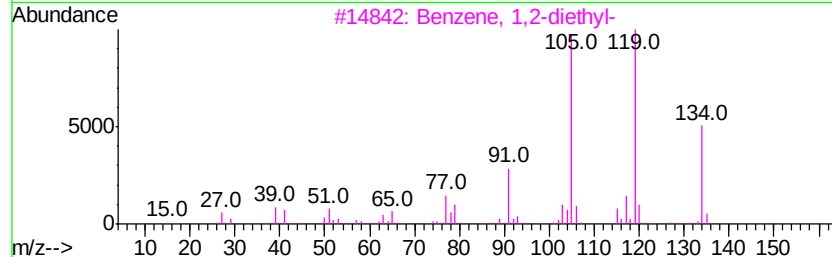
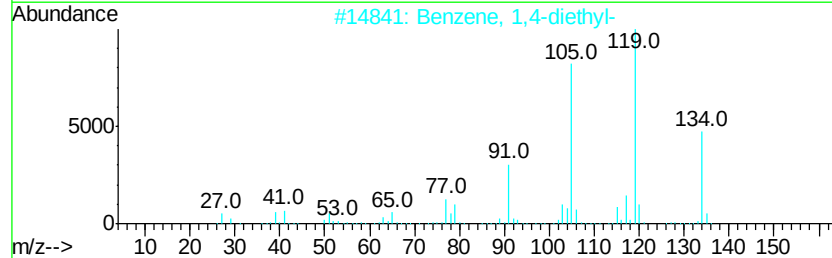
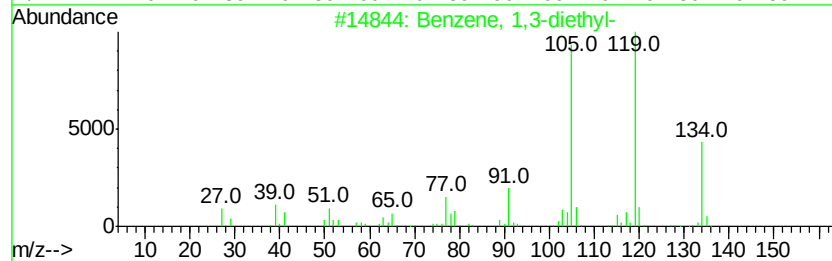
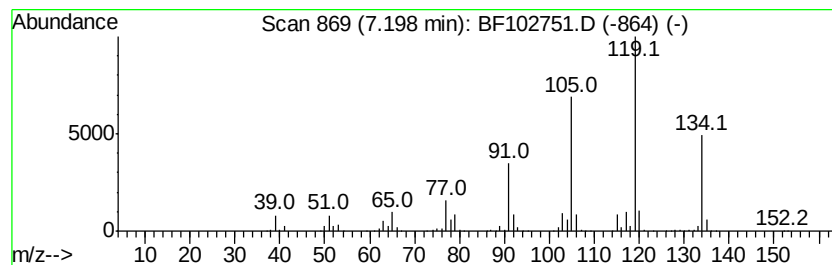
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	29.72 ng	2740920	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4		o-Cymene	134	C10H14	000527-84-4	93
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
Data File : BF102751.D
Acq On : 5 Feb 2018 21:15
Operator : SJ/JU
Sample : J1454-05 20X
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ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-6-EW(2-4)

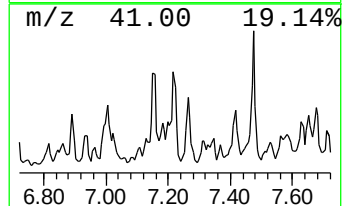
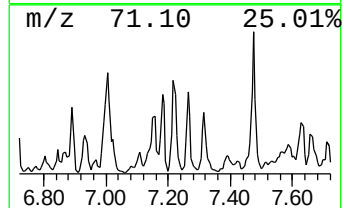
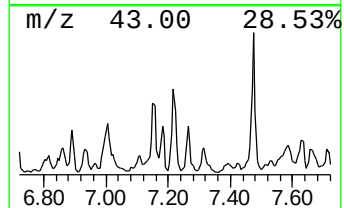
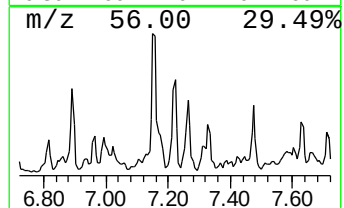
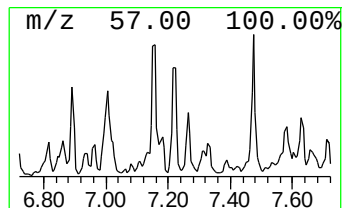
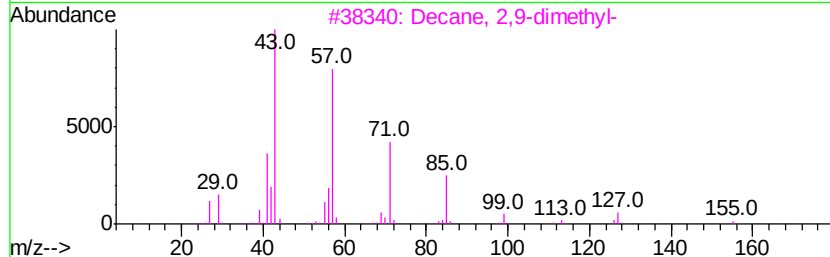
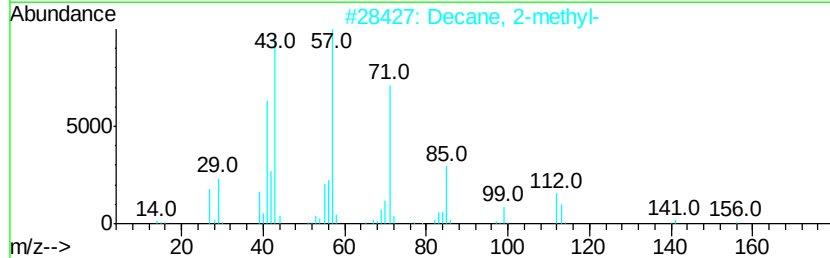
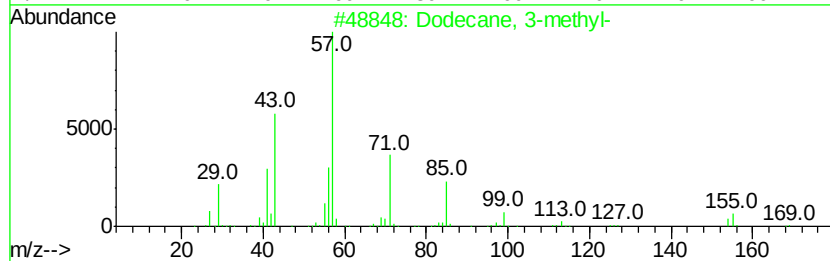
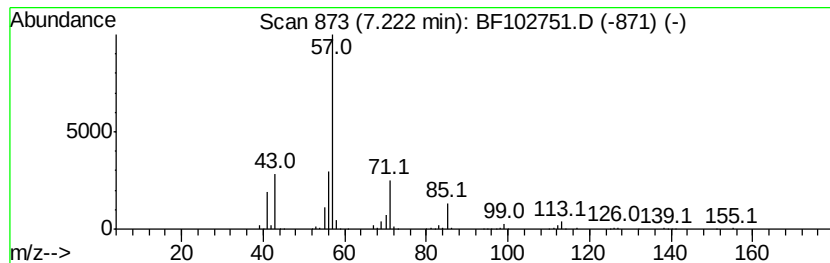
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	11.02 ng	1015940	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
2		Decane, 2-methyl-	156	C11H24	006975-98-0	52
3		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	50
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102751.D
Acq On : 5 Feb 2018 21:15
Operator : SJ/JU
Sample : J1454-05 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

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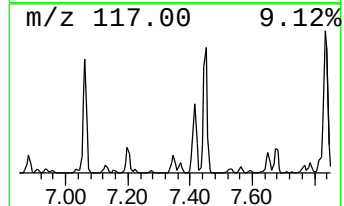
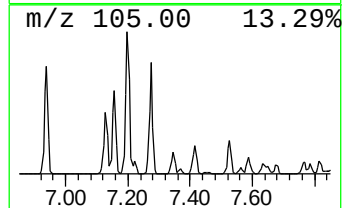
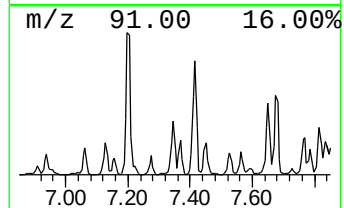
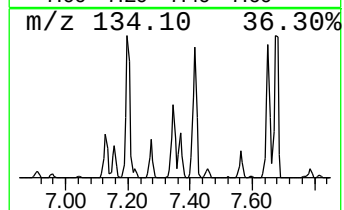
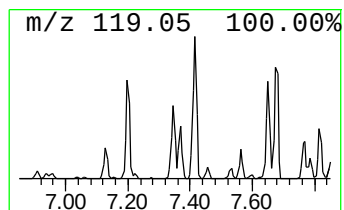
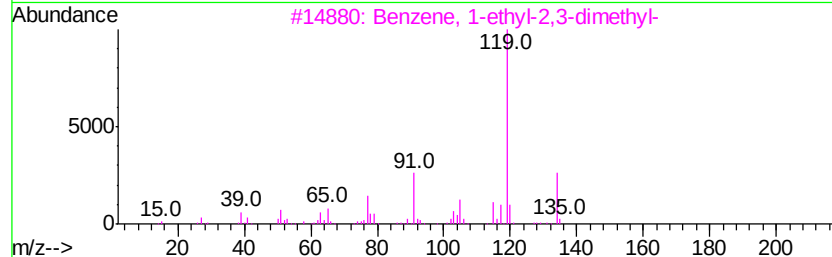
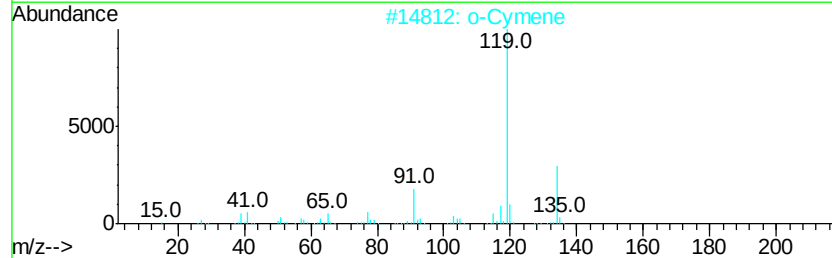
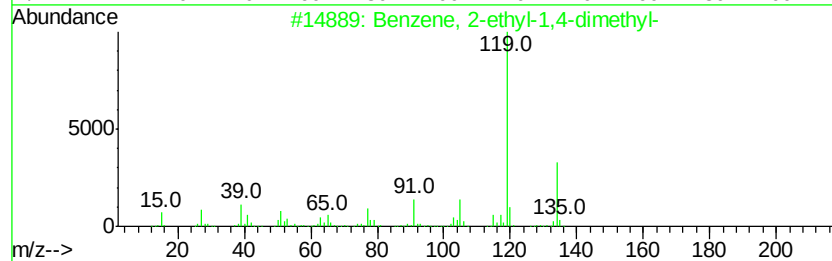
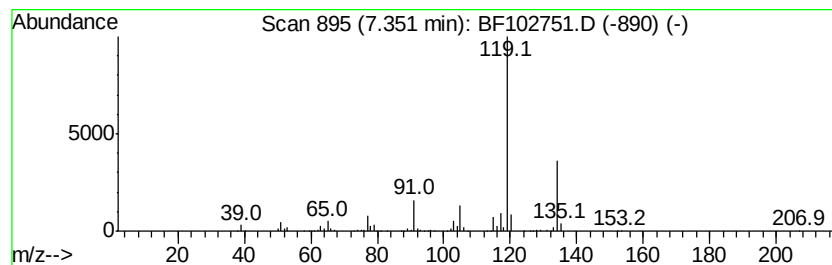
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	11.59 ng	1068960	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102751.D
Acq On : 5 Feb 2018 21:15
Operator : SJ/JU
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ALS Vial : 26 Sample Multiplier: 1

Instrument :
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8-SAN-6-EW(2-4)

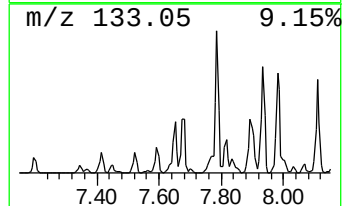
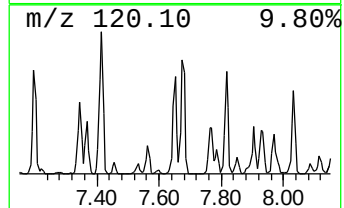
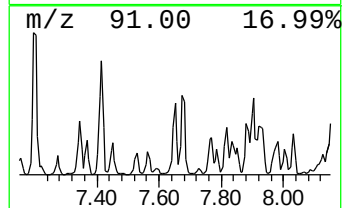
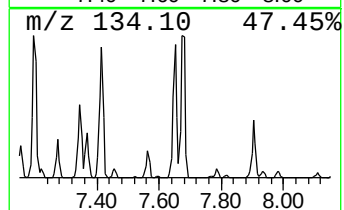
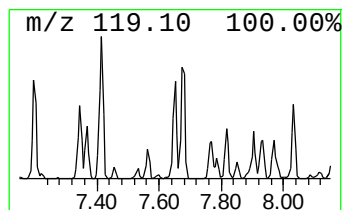
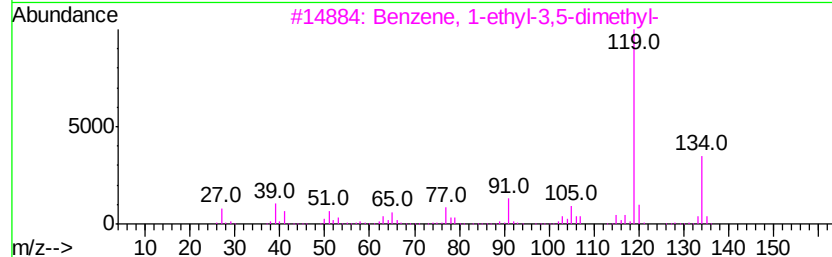
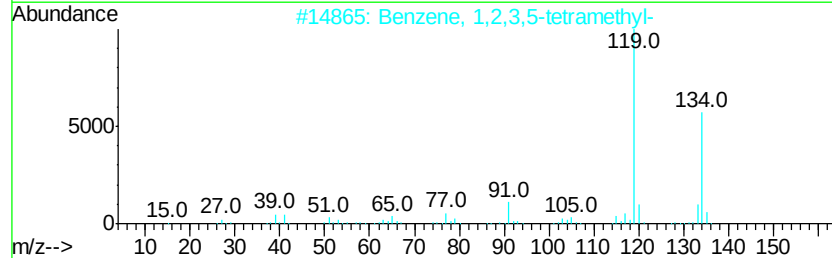
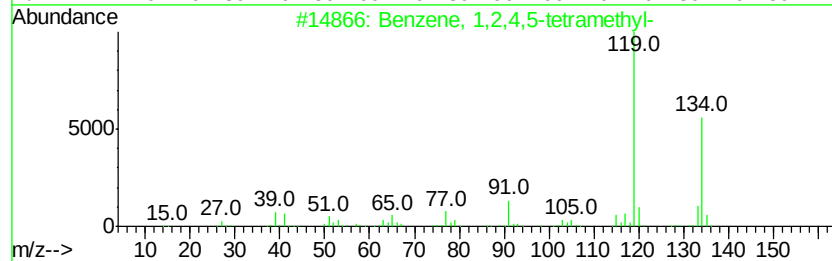
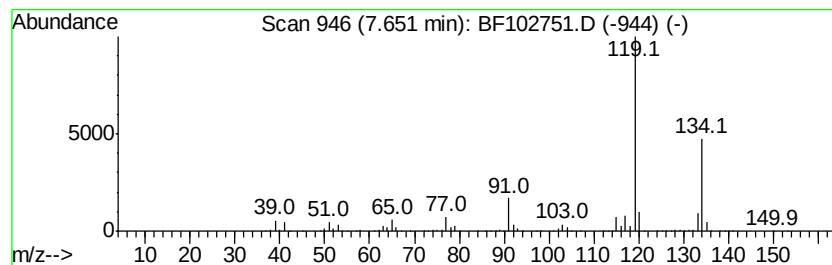
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	15.04 ng	1724300	Napthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102751.D
Acq On : 5 Feb 2018 21:15
Operator : SJ/JU
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8-SAN-6-EW(2-4)

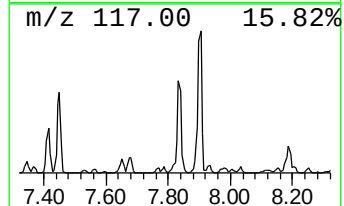
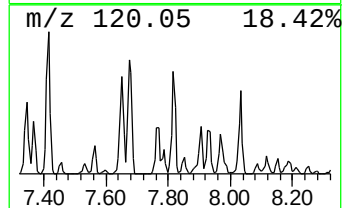
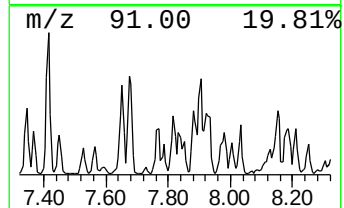
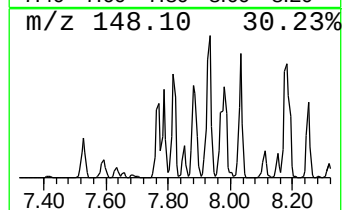
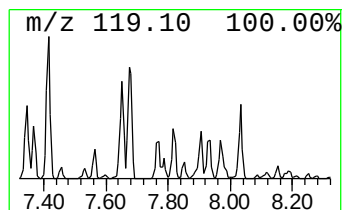
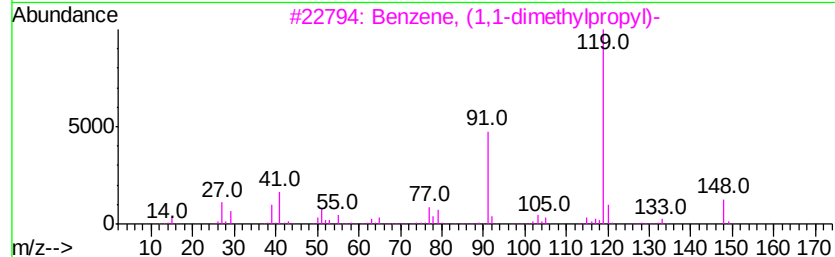
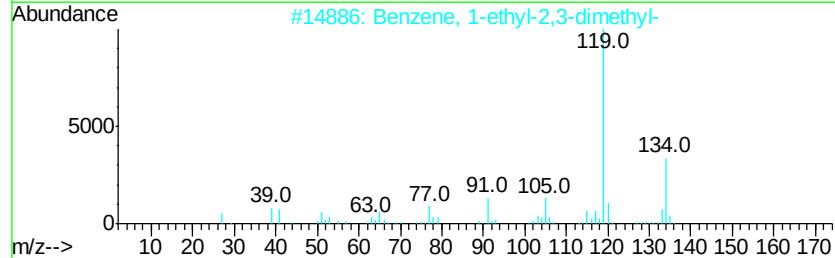
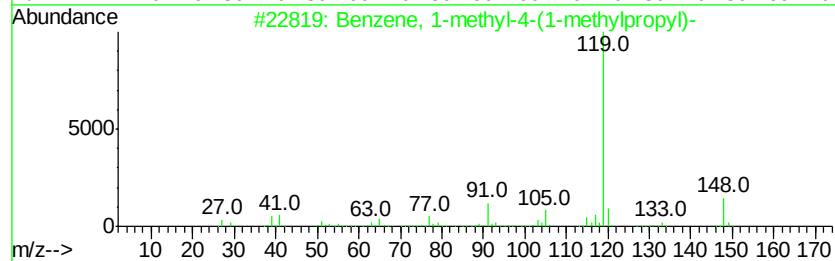
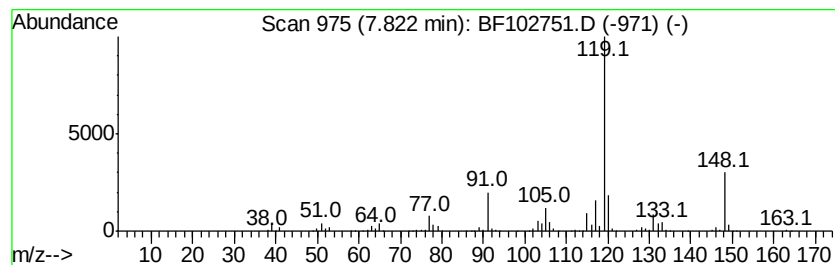
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-4-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	11.57 ng	1326080	Napthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
4		Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	50
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	49



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102751.D
Acq On : 5 Feb 2018 21:15
Operator : SJ/JU
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-6-EW(2-4)

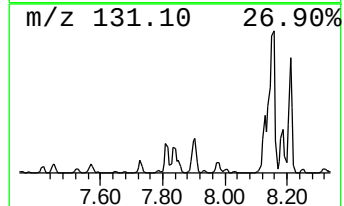
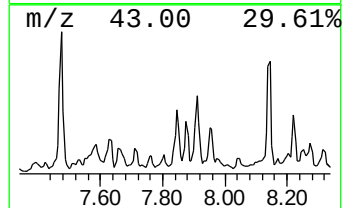
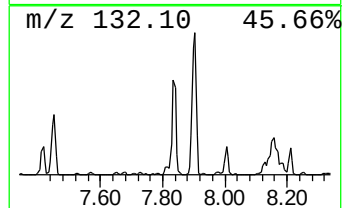
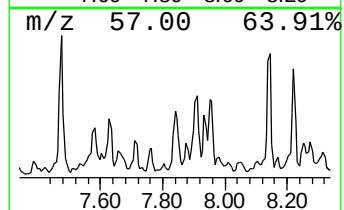
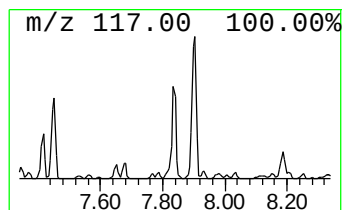
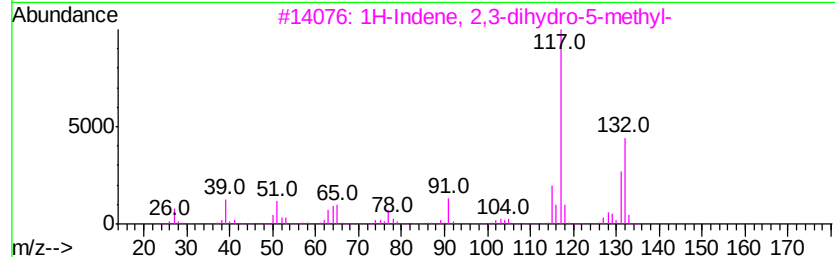
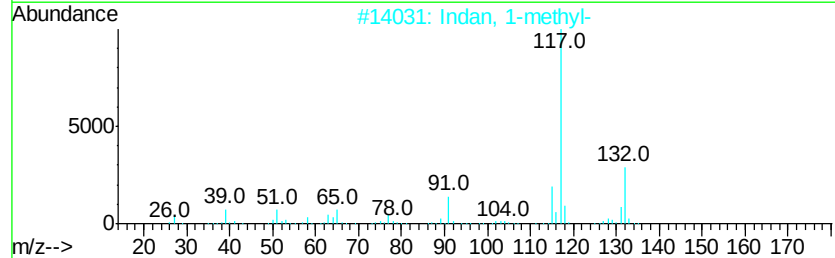
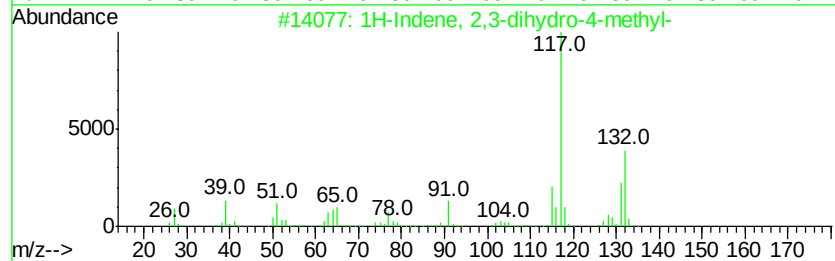
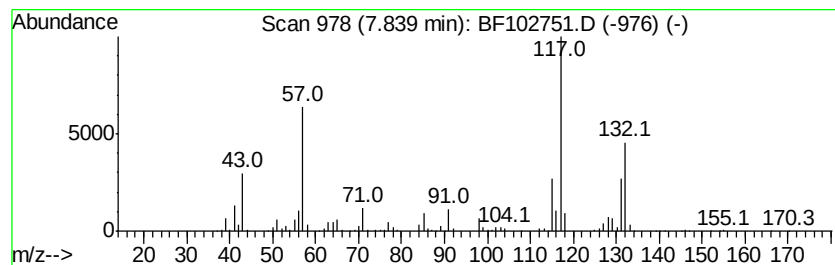
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	16.37 ng	1876830	Napthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2		Indan, 1-methyl-	132	C10H12	000767-58-8	87
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	83
4		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	80



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102751.D
Acq On : 5 Feb 2018 21:15
Operator : SJ/JU
Sample : J1454-05 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-6-EW(2-4)

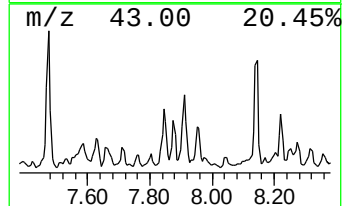
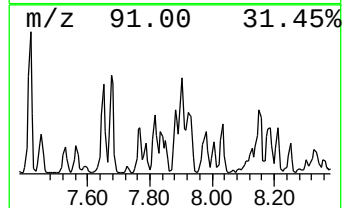
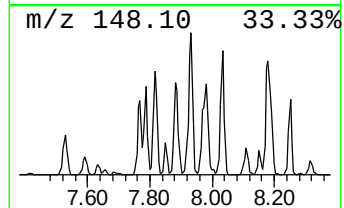
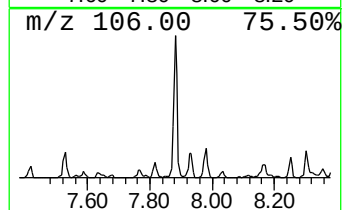
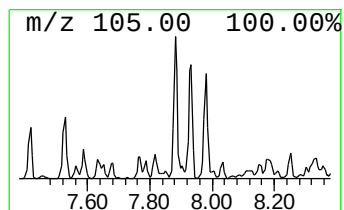
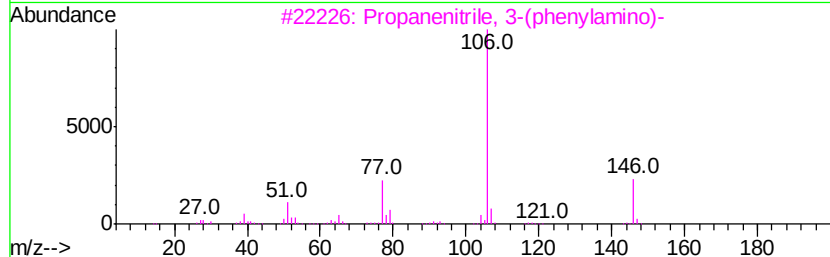
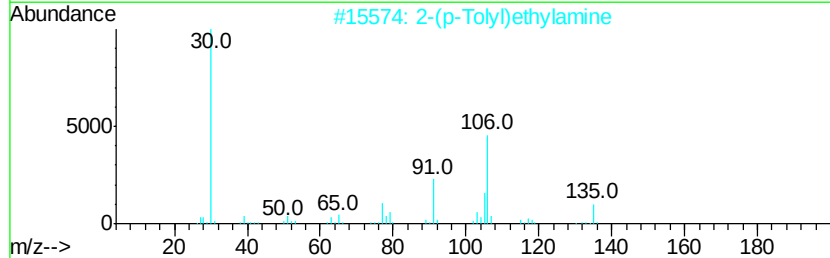
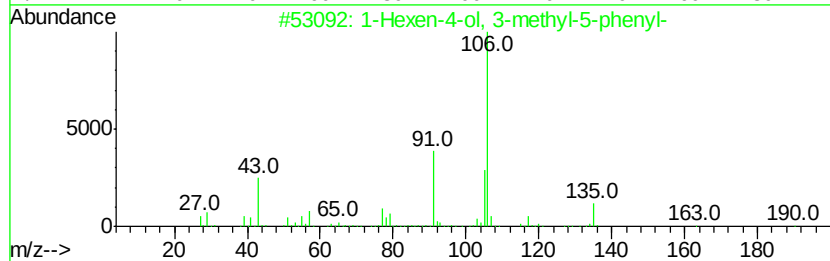
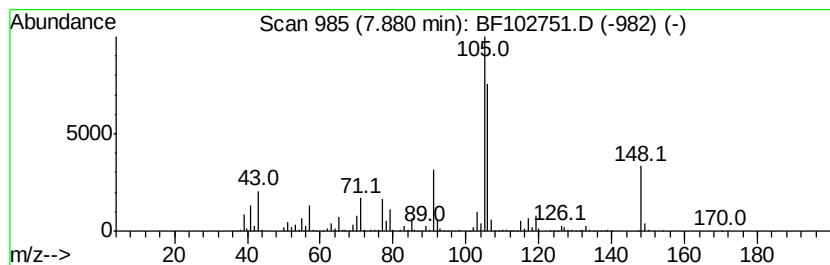
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Hexen-4-ol, 3-methyl-5-ph... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	11.14 ng	1277480	Napthalene-d8	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexen-4-ol, 3-methyl-5-phenyl-	190	C13H18O	1000196-46-1	53
2			2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	53
3			Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	43
4			Ethanol, 2-(phenylamino)-	137	C8H11NO	000122-98-5	43
5			Benzenamine, N-ethyl-	121	C8H11N	000103-69-5	43



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
Data File : BF102751.D
Acq On : 5 Feb 2018 21:15
Operator : SJ/JU
Sample : J1454-05 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-6-EW(2-4)

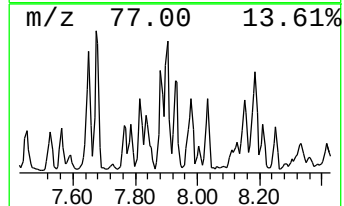
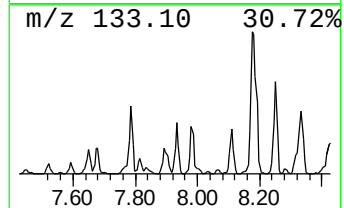
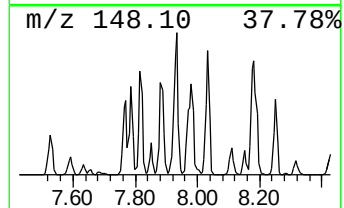
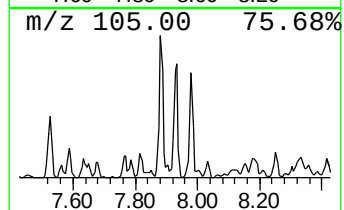
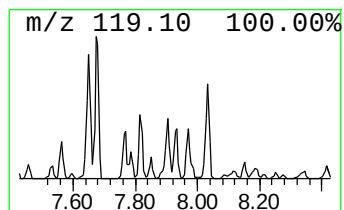
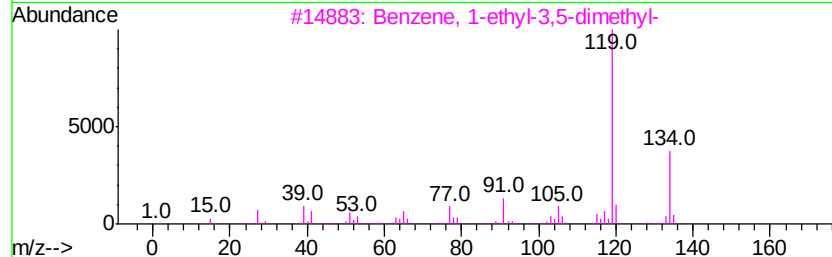
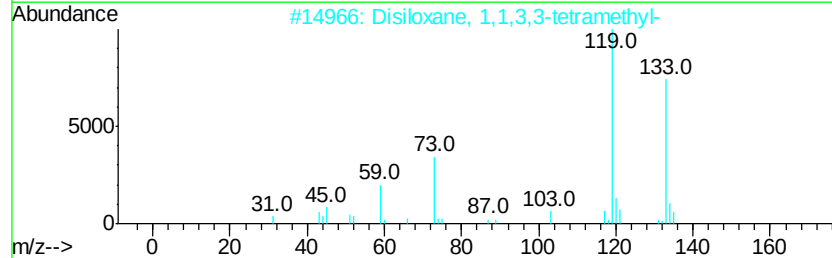
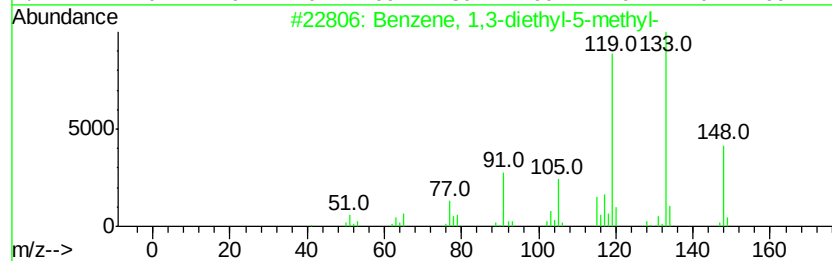
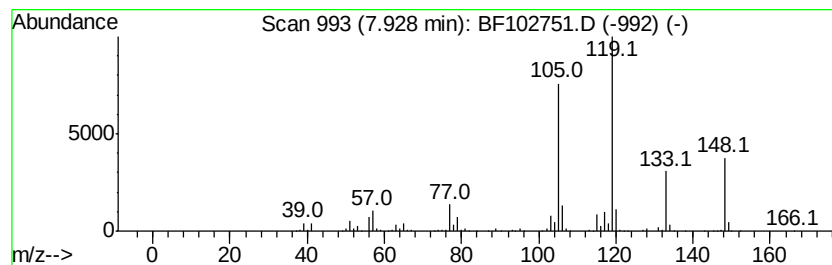
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown7.93 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	12.44 ng	1426670	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	46
2		Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	46
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	43
4		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	43
5		2-Ethyl[1,3]dithiane	148	C6H12S2	006007-23-4	43



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102751.D
Acq On : 5 Feb 2018 21:15
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Sample : J1454-05 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-6-EW(2-4)

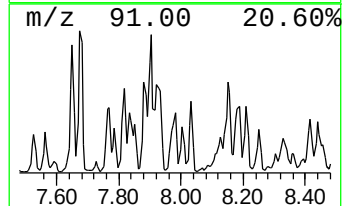
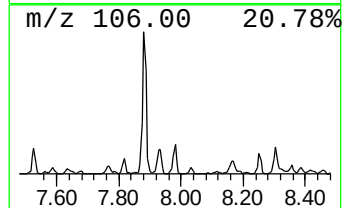
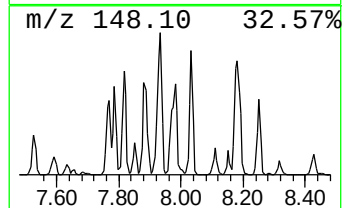
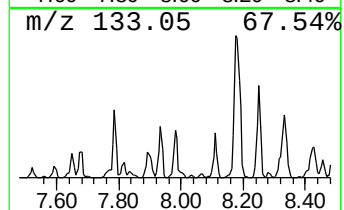
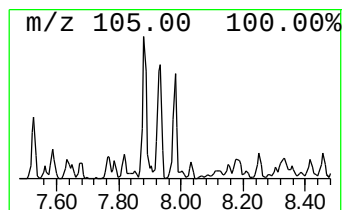
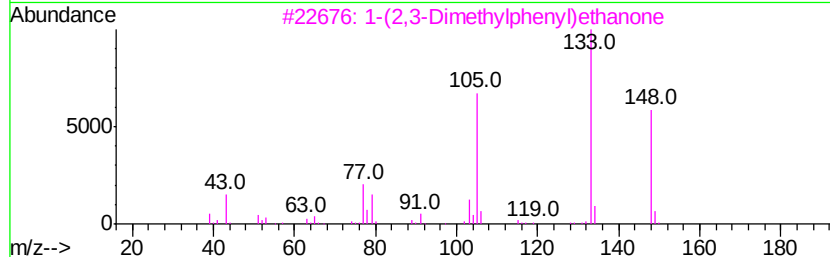
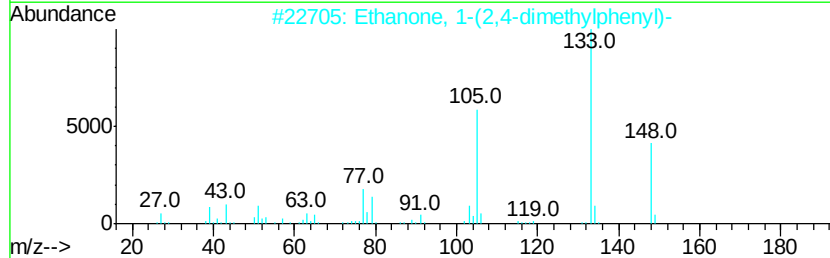
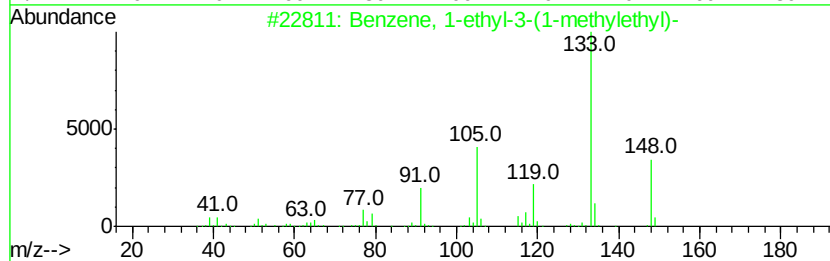
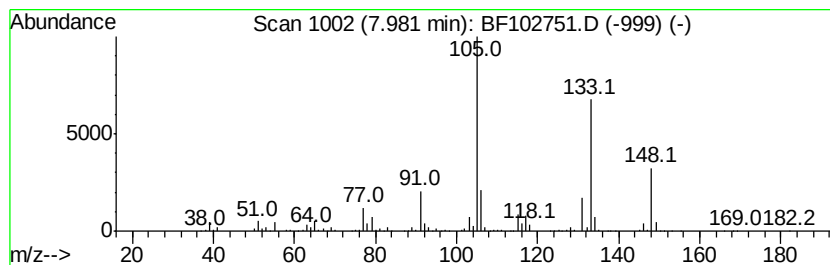
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	10.97 ng	1257150	Napthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	72
2		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	64
3		1-(2,3-Dimethylphenyl)ethanone	148	C10H12O	002142-71-4	64
4		Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	64
5		Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	52



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102751.D
Acq On : 5 Feb 2018 21:15
Operator : SJ/JU
Sample : J1454-05 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

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8-SAN-6-EW(2-4)

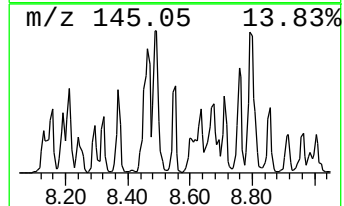
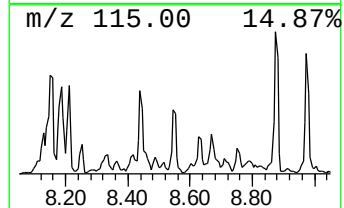
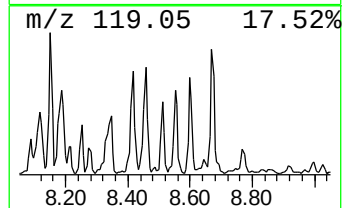
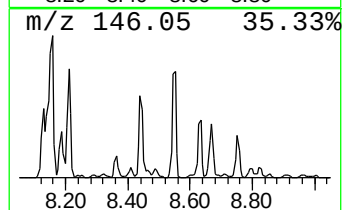
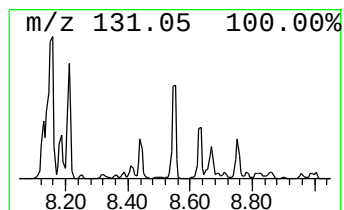
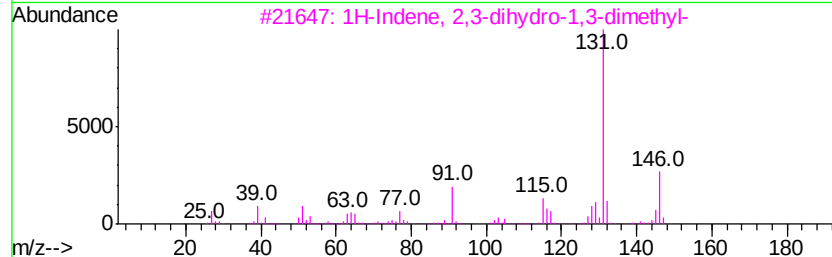
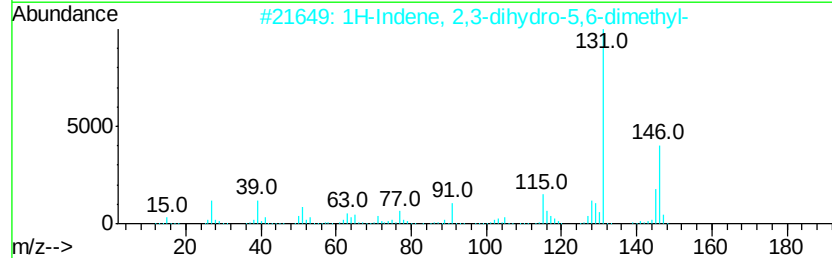
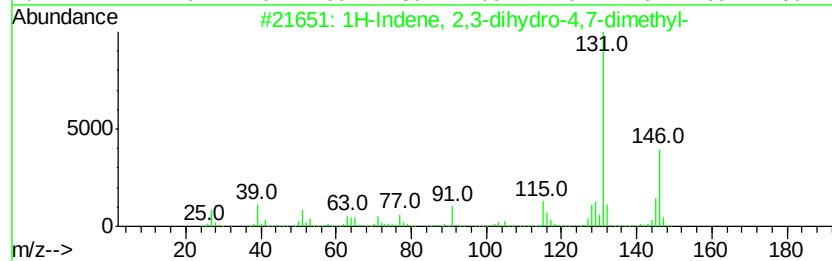
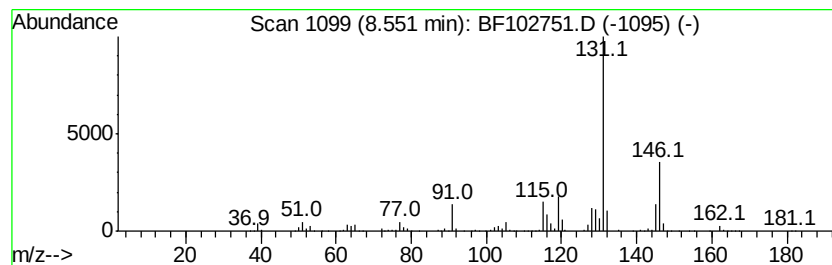
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	11.63 ng	1333380	Napthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	95
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
5		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102751.D
Acq On : 5 Feb 2018 21:15
Operator : SJ/JU
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ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-6-EW(2-4)

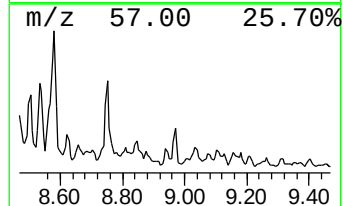
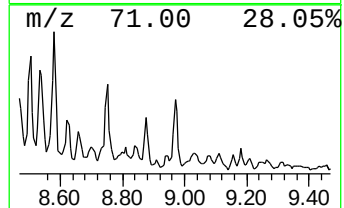
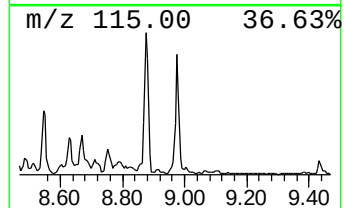
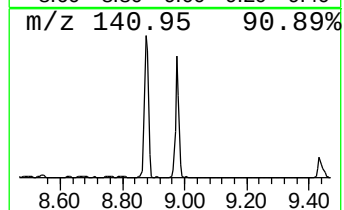
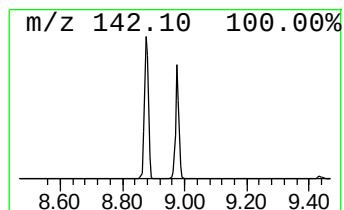
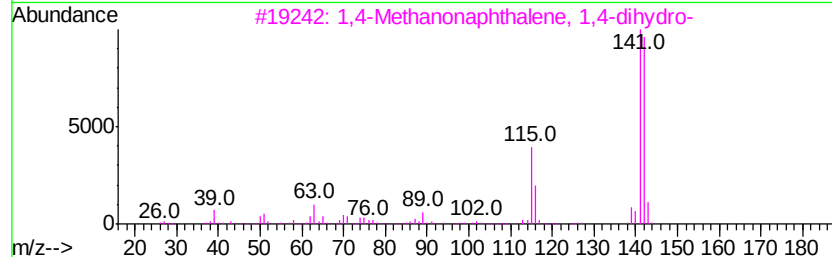
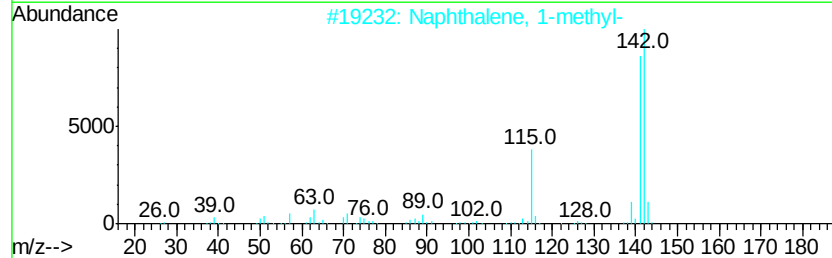
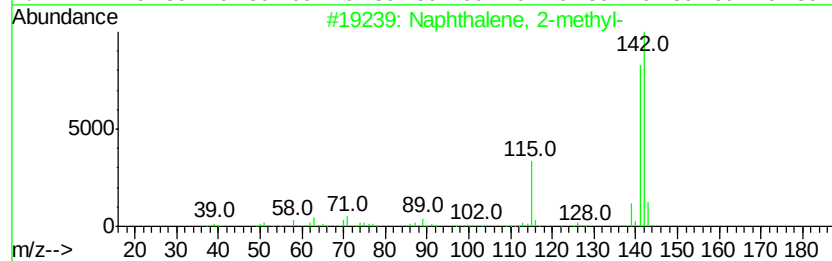
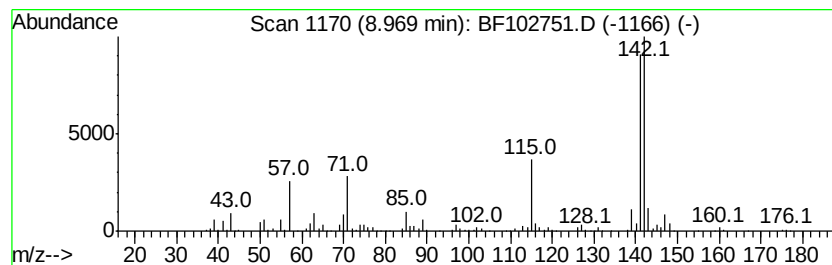
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	9.70 ng	1111900	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	94
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
Data File : BF102751.D
Acq On : 5 Feb 2018 21:15
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Sample : J1454-05 20X
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ClientSampleId :
8-SAN-6-EW(2-4)

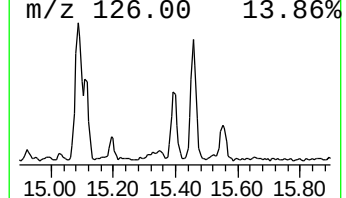
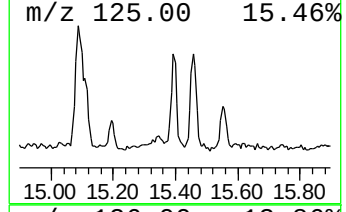
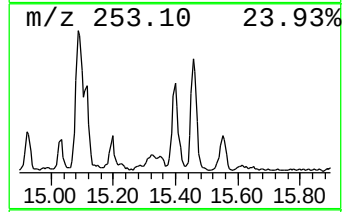
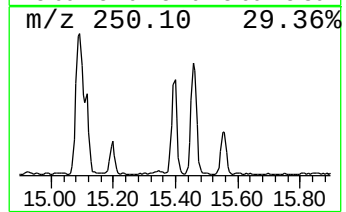
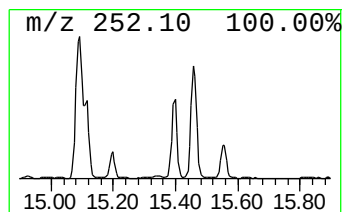
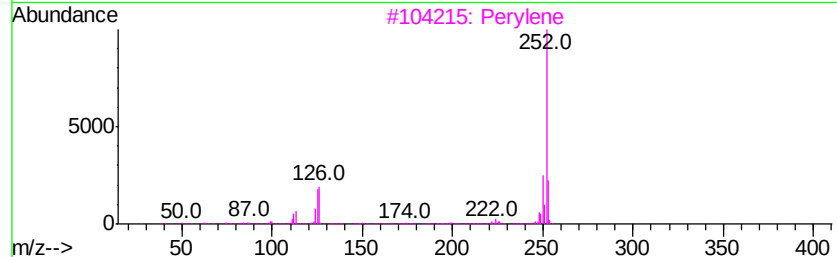
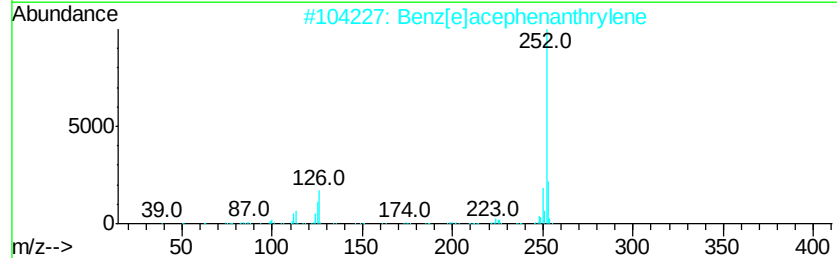
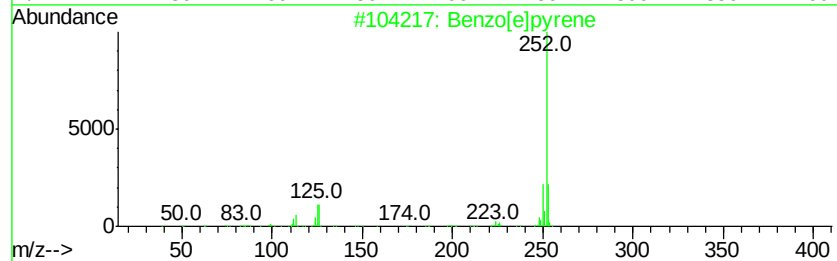
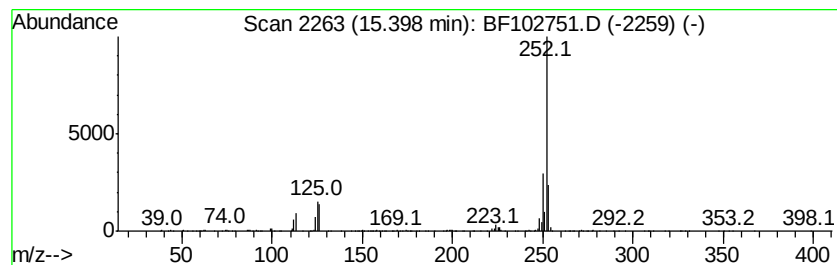
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	11.05 ng	504595	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3		Perylene	252	C20H12	000198-55-0	94
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



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 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-6-EW(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
Decane, 2,5,6-tri...	6.37	16.3	ng	1502860	1	6.88	1844310	20.0
Benzene, 1-ethyl-...	6.41	9.2	ng	844376	1	6.88	1844310	20.0
Benzene, 1,2,3-tr...	6.70	24.3	ng	2236870	1	6.88	1844310	20.0
Benzene, 1-methyl...	7.16	13.9	ng	1277100	1	6.88	1844310	20.0
Benzene, 1,3-diet...	7.20	29.7	ng	2740920	1	6.88	1844310	20.0
Dodecane, 3-methyl-	7.22	11.0	ng	1015940	1	6.88	1844310	20.0
Benzene, 2-ethyl-...	7.35	11.6	ng	1068960	1	6.88	1844310	20.0
Benzene, 1,2,4,5-...	7.65	15.0	ng	1724300	2	8.17	2292900	20.0
Benzene, 1-methyl...	7.82	11.6	ng	1326080	2	8.17	2292900	20.0
1H-Indene, 2,3-di...	7.84	16.4	ng	1876830	2	8.17	2292900	20.0
1-Hexen-4-ol, 3-m...	7.88	11.1	ng	1277480	2	8.17	2292900	20.0
unknown7.93	7.93	12.4	ng	1426670	2	8.17	2292900	20.0
Benzene, 1-ethyl-...	7.98	11.0	ng	1257150	2	8.17	2292900	20.0
1H-Indene, 2,3-di...	8.55	11.6	ng	1333380	2	8.17	2292900	20.0
Naphthalene, 1-me...	8.97	9.7	ng	1111900	2	8.17	2292900	20.0
Benzo[e]pyrene	15.40	11.1	ng	504595	6	15.52	913541	20.0