

Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
 Data File : BF102746.D
 Acq On : 5 Feb 2018 19:00
 Operator : SJ/JU
 Sample : J1456-04 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-6-EW(12-14)

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	5.022	490	499	508	rVB	246150	373375	8.27%	0.327%
2	5.375	554	559	561	rVV2	363553	577551	12.80%	0.506%
3	5.398	561	563	566	rVV	359267	298104	6.61%	0.261%
4	5.481	569	577	583	rVB3	916333	1484448	32.90%	1.300%
5	5.787	626	629	636	rVB	414413	394297	8.74%	0.345%
6	5.945	652	656	659	rBV2	332245	413663	9.17%	0.362%
7	6.028	664	670	675	rBV3	330681	482192	10.69%	0.422%
8	6.128	682	687	693	rBV2	414860	606783	13.45%	0.531%
9	6.316	714	719	721	rBV2	464597	606094	13.43%	0.531%
10	6.339	721	723	725	rVV	416442	399145	8.85%	0.350%
11	6.375	725	729	732	rVV	1787524	1947269	43.16%	1.705%
12	6.410	732	735	737	rVV2	1067703	996943	22.09%	0.873%
13	6.434	737	739	742	rVV2	595474	606253	13.44%	0.531%
14	6.481	742	747	754	rVV3	1532968	2716041	60.19%	2.378%
15	6.563	757	761	766	rVV2	1491021	1542295	34.18%	1.351%
16	6.645	766	775	778	rVV4	545043	991724	21.98%	0.868%
17	6.704	782	785	791	rVV2	2241581	2497220	55.34%	2.187%
18	6.816	798	804	806	rVV2	399537	535363	11.87%	0.469%
19	6.845	806	809	810	rVV2	300350	364313	8.07%	0.319%
20	6.881	812	815	821	rVV3	1722675	2247281	49.81%	1.968%
21	6.939	821	825	827	rVV2	1299333	1333875	29.56%	1.168%
22	6.957	827	828	831	rVV3	312085	330872	7.33%	0.290%
23	7.004	831	836	838	rVV	983084	1302743	28.87%	1.141%
24	7.022	838	839	843	rVV4	495836	698224	15.47%	0.611%
25	7.063	843	846	848	rVV	894128	821355	18.20%	0.719%
26	7.104	851	853	855	rVV2	262044	314210	6.96%	0.275%
27	7.128	855	857	859	rVV	1322963	1167717	25.88%	1.023%
28	7.157	859	862	864	rVV	1949842	2002625	44.38%	1.754%
29	7.198	864	869	871	rVV	3536794	3779431	83.76%	3.310%
30	7.216	871	872	876	rVV	1366991	1246213	27.62%	1.091%
31	7.269	876	881	885	rVV2	1201085	1621172	35.93%	1.420%
32	7.316	885	889	890	rVV	418691	477477	10.58%	0.418%
33	7.345	890	894	896	rVV	1756267	1638721	36.32%	1.435%
34	7.369	896	898	900	rVV	1093872	825889	18.30%	0.723%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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35	7.416	901	906	908	rVV	3607085	3241865	71.85%	2.839%
36	7.451	908	912	914	rVV3	1338539	1657511	36.73%	1.451%
37	7.475	914	916	920	rVV	1739674	1359224	30.12%	1.190%
38	7.528	920	925	928	rVV2	801007	935041	20.72%	0.819%
39	7.563	928	931	933	rVV	956067	992396	21.99%	0.869%
40	7.586	933	935	939	rVV4	567237	794599	17.61%	0.696%
41	7.633	939	943	944	rVV2	713820	956420	21.20%	0.838%
42	7.651	944	946	948	rVV	2419995	2089279	46.30%	1.830%
43	7.675	948	950	954	rVV	2903042	2621001	58.09%	2.295%
44	7.710	954	956	958	rVV	454856	422696	9.37%	0.370%
45	7.763	961	965	967	rVV2	1189397	1210618	26.83%	1.060%
46	7.786	967	969	971	rVV2	1166873	999978	22.16%	0.876%
47	7.816	971	974	976	rVV2	1518786	1755470	38.91%	1.537%
48	7.839	976	978	982	rVV4	1770999	2280938	50.55%	1.997%
49	7.880	982	985	986	rVV2	1747051	1654566	36.67%	1.449%
50	7.904	986	989	992	rVV2	3711681	4350355	96.42%	3.810%
51	7.933	992	994	996	rVV	2028039	1757041	38.94%	1.539%
52	7.957	996	998	999	rVV	917561	852051	18.88%	0.746%
53	7.980	999	1002	1004	rVV2	1370574	1600428	35.47%	1.401%
54	8.004	1004	1006	1008	rVV	516594	459082	10.17%	0.402%
55	8.033	1008	1011	1015	rVV	1375646	1271193	28.17%	1.113%
56	8.145	1018	1030	1031	rVV2	2529216	4512099	100.00%	3.951%
57	8.186	1035	1037	1039	rVV	2634310	2447848	54.25%	2.144%
58	8.210	1039	1041	1045	rVV2	1631181	2047811	45.38%	1.793%
59	8.251	1045	1048	1050	rVV	1294641	1203134	26.66%	1.054%
60	8.275	1050	1052	1055	rVV2	462091	492047	10.91%	0.431%
61	8.328	1055	1061	1064	rVV3	675970	1337690	29.65%	1.171%
62	8.357	1064	1066	1069	rVV3	518227	625028	13.85%	0.547%
63	8.416	1073	1076	1078	rVV3	608744	757197	16.78%	0.663%
64	8.439	1078	1080	1081	rVV	1105475	936826	20.76%	0.820%
65	8.457	1081	1083	1086	rVV3	1219807	1324102	29.35%	1.160%
66	8.486	1086	1088	1089	rVV	453780	394424	8.74%	0.345%
67	8.510	1089	1092	1094	rVV2	660191	841107	18.64%	0.737%
68	8.545	1094	1098	1101	rVV3	1349595	1697632	37.62%	1.487%
69	8.575	1101	1103	1106	rVV2	597497	676415	14.99%	0.592%
70	8.604	1106	1108	1110	rVV2	294150	305398	6.77%	0.267%
71	8.627	1110	1112	1115	rVV2	741844	646368	14.33%	0.566%

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72	8.669	1115	1119	1124	rVV5	739406	890280	19.73%	0.780%
73	8.751	1130	1133	1136	rBV2	843197	735061	16.29%	0.644%
74	8.875	1152	1154	1157	rVB	1282052	970511	21.51%	0.850%
75	8.975	1166	1171	1174	rVV2	1136675	1183824	26.24%	1.037%
76	9.233	1212	1215	1219	rVB	428730	329721	7.31%	0.289%
77	9.498	1254	1260	1264	rBV	255668	373493	8.28%	0.327%
78	9.575	1266	1273	1275	rBV	364051	378351	8.39%	0.331%
79	9.916	1328	1331	1335	rBV	1712857	1662346	36.84%	1.456%
80	9.951	1335	1337	1340	rVB	347039	265804	5.89%	0.233%
81	10.463	1421	1424	1430	rVB	372901	331142	7.34%	0.290%
82	11.404	1580	1584	1586	rBV	1614716	1465227	32.47%	1.283%
83	11.427	1586	1588	1591	rVV	1605965	1286128	28.50%	1.126%
84	11.480	1591	1597	1599	rVV	365899	350323	7.76%	0.307%
85	11.933	1671	1674	1678	rVB	298646	264848	5.87%	0.232%
86	12.016	1685	1688	1691	rVV	394832	431716	9.57%	0.378%
87	12.621	1786	1791	1794	rBV	1831507	1740392	38.57%	1.524%
88	12.845	1823	1829	1835	rBV2	1483822	1809270	40.10%	1.584%
89	13.174	1882	1885	1888	rVB	358760	324601	7.19%	0.284%
90	13.239	1892	1896	1898	rVV	377801	315507	6.99%	0.276%
91	14.039	2028	2032	2035	rVV2	1488077	2096545	46.46%	1.836%
92	14.068	2035	2037	2042	rVB	893496	766215	16.98%	0.671%
93	14.427	2093	2098	2101	rVV	196154	269864	5.98%	0.236%
94	15.086	2205	2210	2213	rBV	740948	1180539	26.16%	1.034%
95	15.392	2258	2262	2268	rVB	420456	578765	12.83%	0.507%
96	15.456	2268	2273	2279	rBV	638989	783659	17.37%	0.686%
97	15.521	2279	2284	2287	rBV	801803	1028630	22.80%	0.901%
98	15.551	2287	2289	2296	rVB2	229924	285825	6.33%	0.250%
99	17.003	2530	2536	2546	rVB2	268406	541004	11.99%	0.474%
100	17.450	2607	2612	2625	rVB	195606	407948	9.04%	0.357%

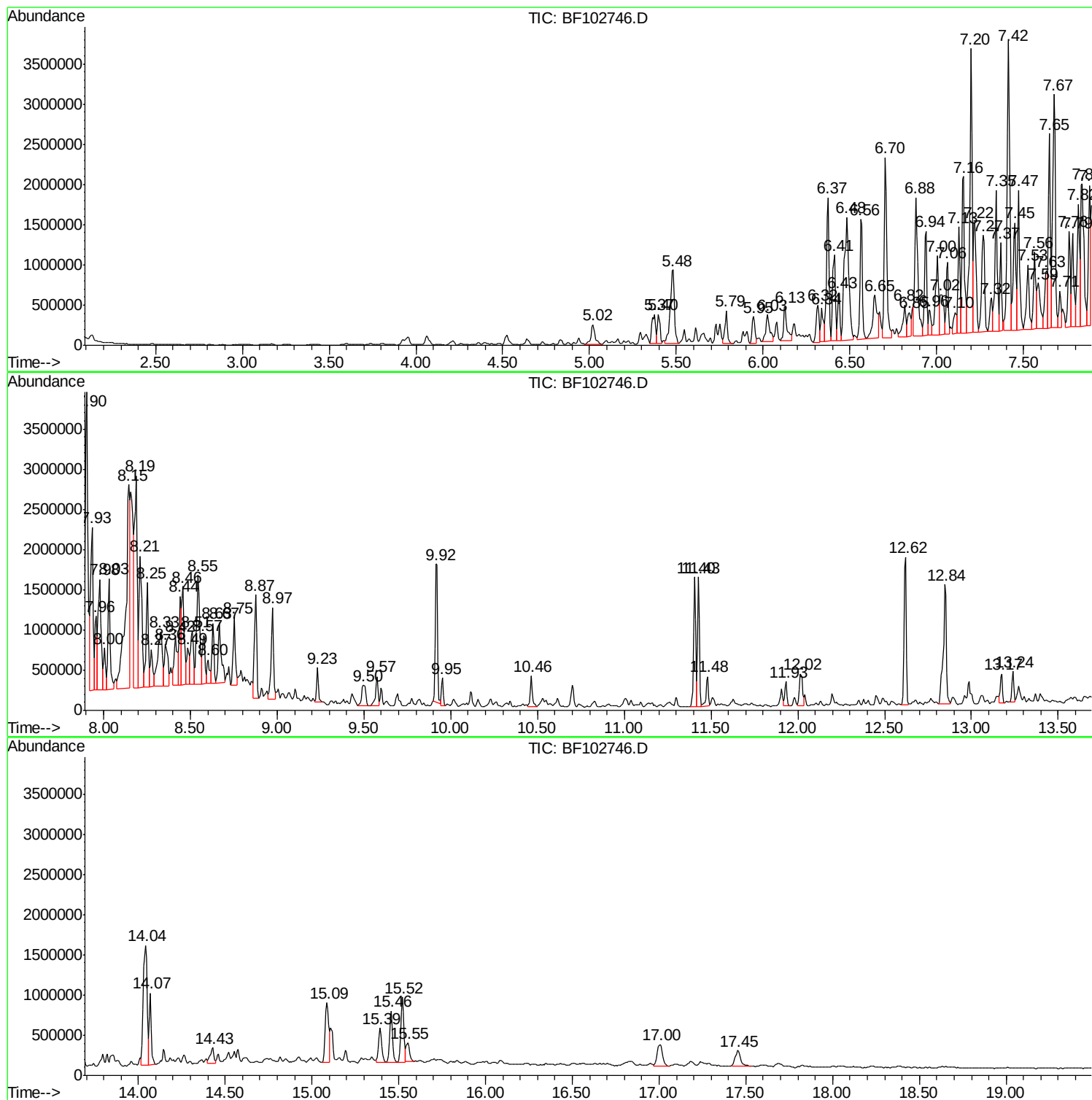
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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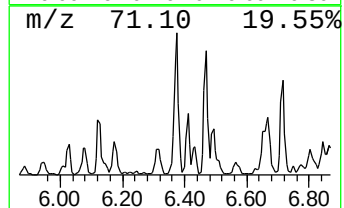
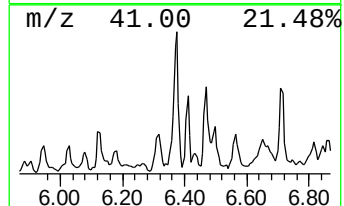
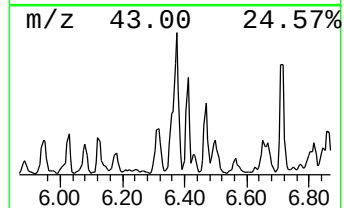
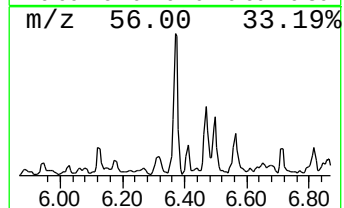
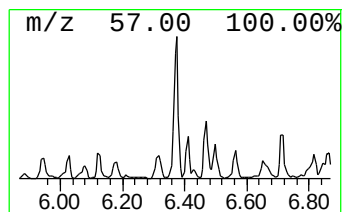
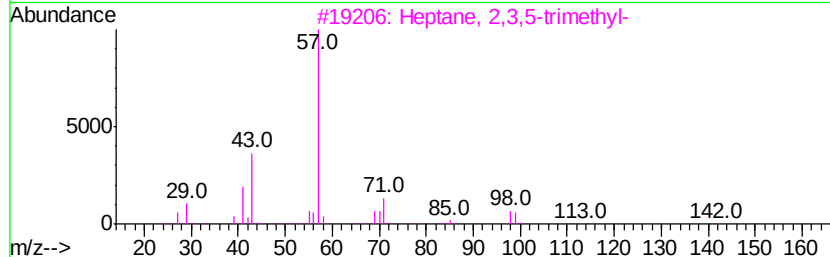
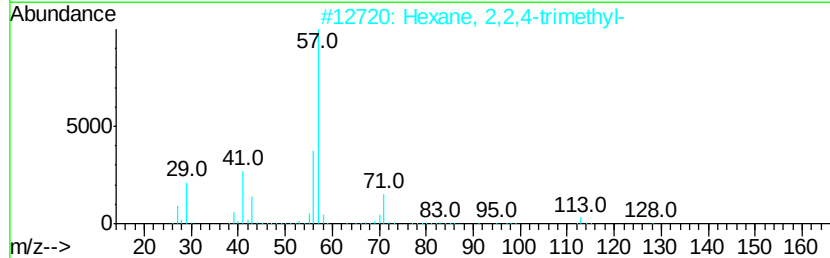
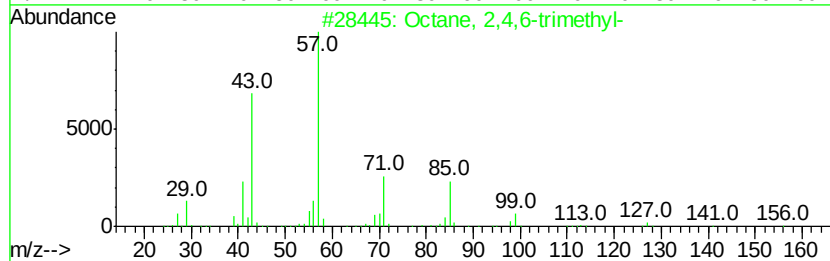
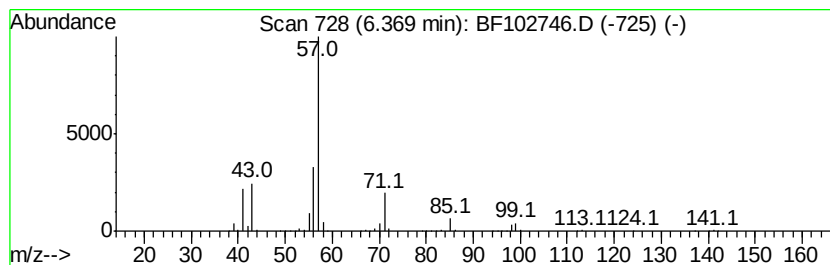
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octane, 2,4,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.37	17.33 ng	1947270	1,4-Dichlorobenzene-d4	6.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
3	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	47
4	Octane, 3-methyl-	128	C9H20	002216-33-3	47
5	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	45



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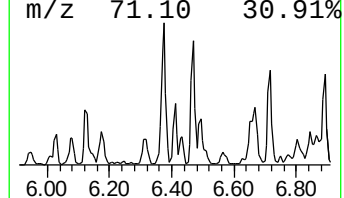
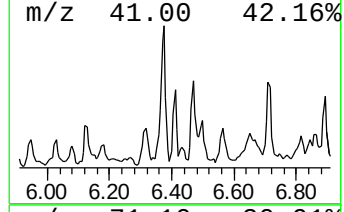
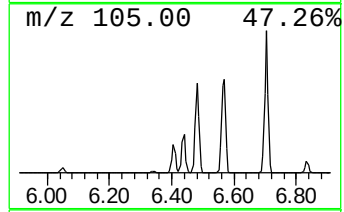
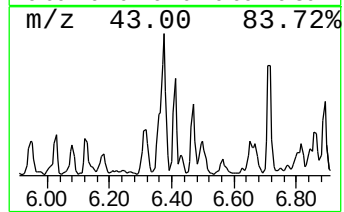
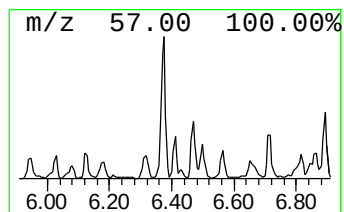
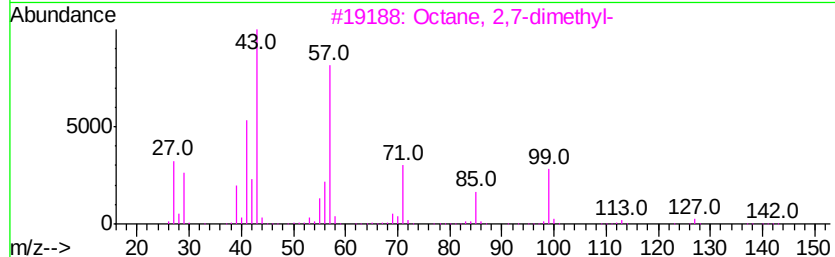
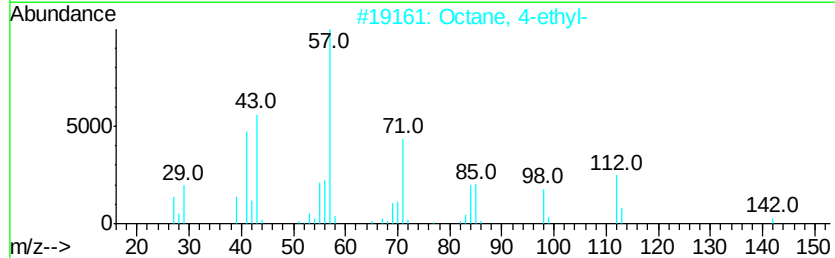
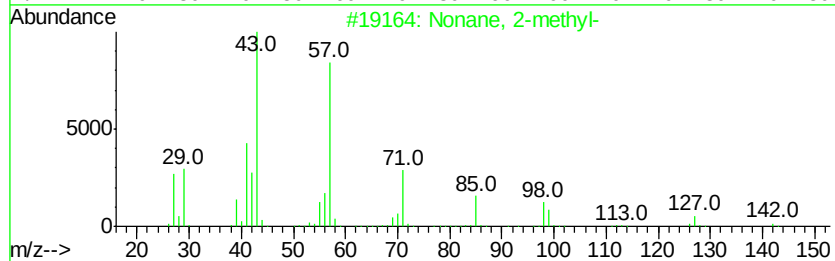
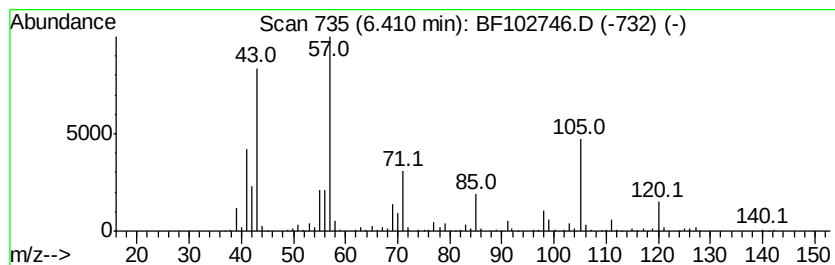
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Nonane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	8.87 ng	996943	1,4-Dichlorobenzene-d4	6.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Nonane, 2-methyl-	142 C10H22	000871-83-0 59
2		Octane, 4-ethyl-	142 C10H22	015869-86-0 50
3		Octane, 2,7-dimethyl-	142 C10H22	001072-16-8 49
4		Octane, 2-methyl-	128 C9H20	003221-61-2 47
5		Undecane, 5,6-dimethyl-	184 C13H28	017615-91-7 43



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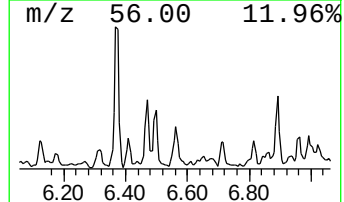
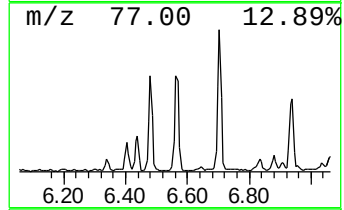
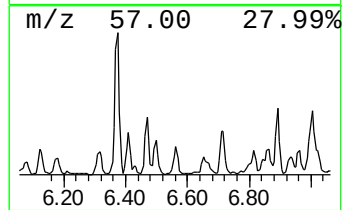
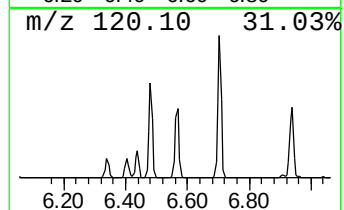
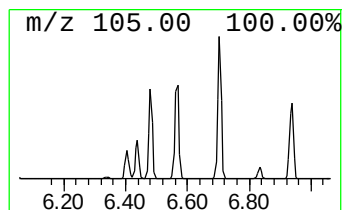
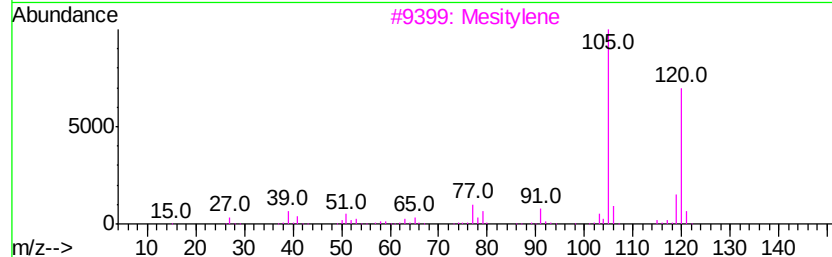
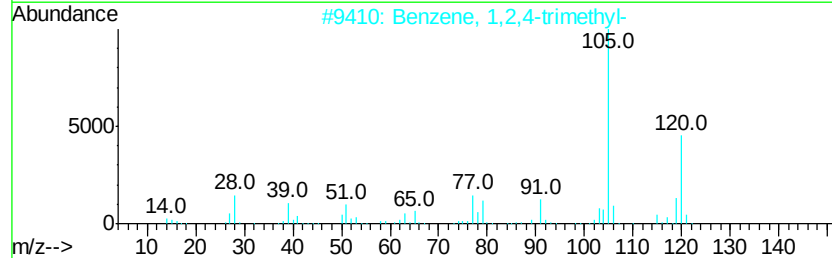
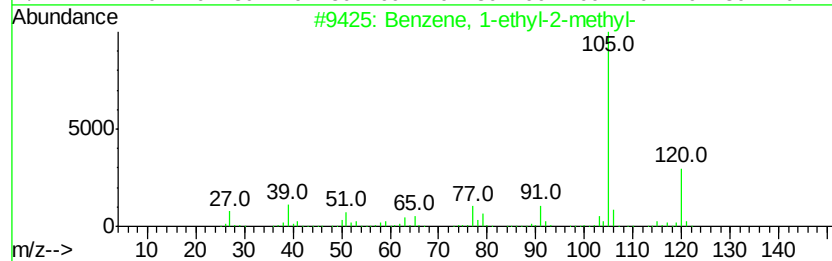
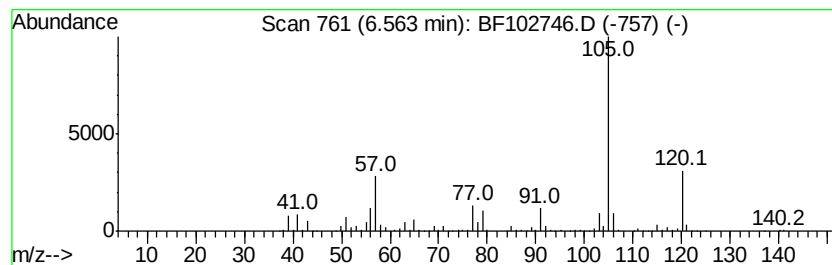
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	13.73 ng	1542300	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Mesitylene	120	C9H12	000108-67-8	87
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
Data File : BF102746.D
Acq On : 5 Feb 2018 19:00
Operator : SJ/JU
Sample : J1456-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-6-EW(12-14)

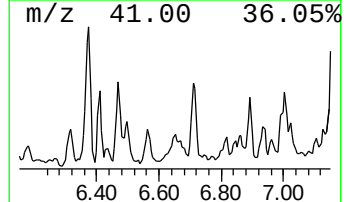
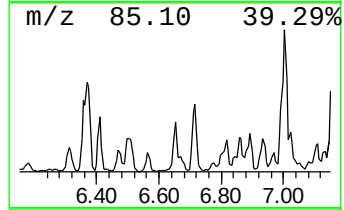
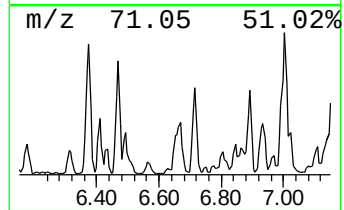
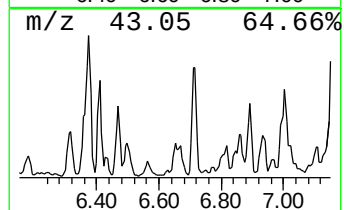
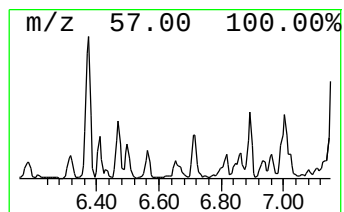
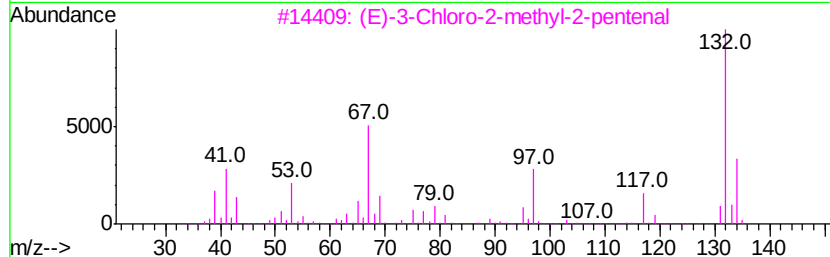
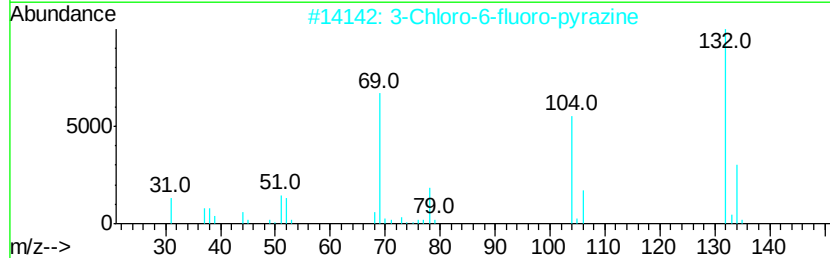
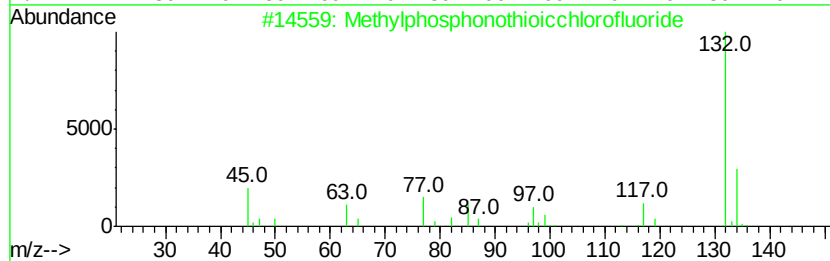
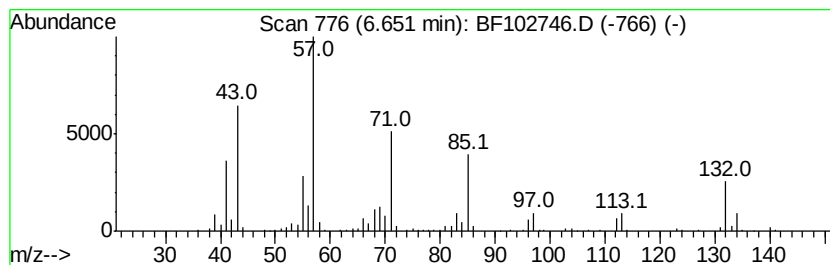
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.65 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	8.83 ng	991724	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	14
5		5-Aminoindole	132	C8H8N2	005192-03-0	10



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
Data File : BF102746.D
Acq On : 5 Feb 2018 19:00
Operator : SJ/JU
Sample : J1456-04 20X
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Instrument :
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ClientSampleId :
8-SAN-6-EW(12-14)

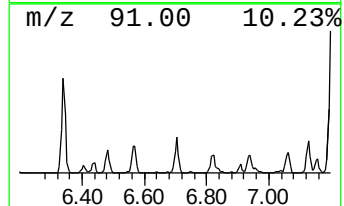
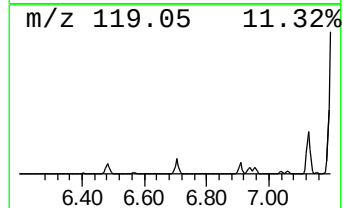
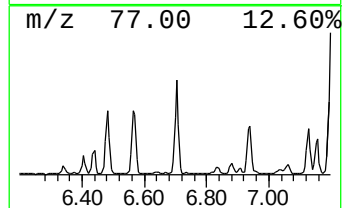
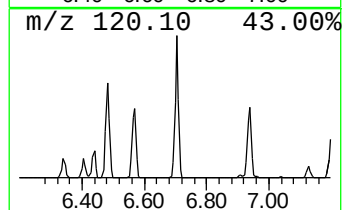
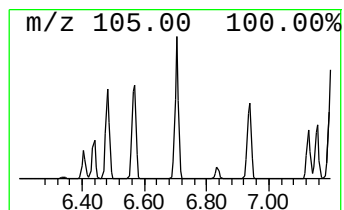
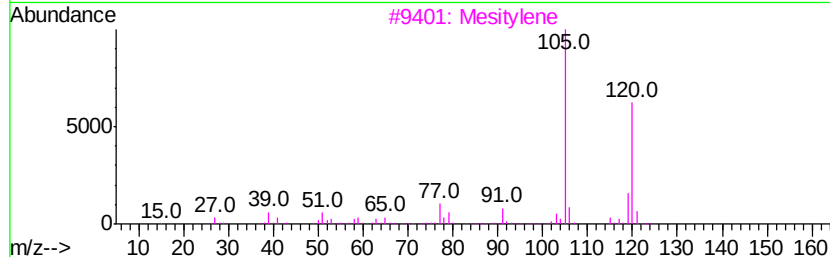
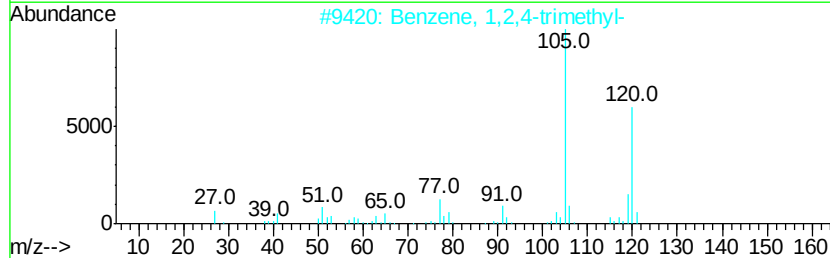
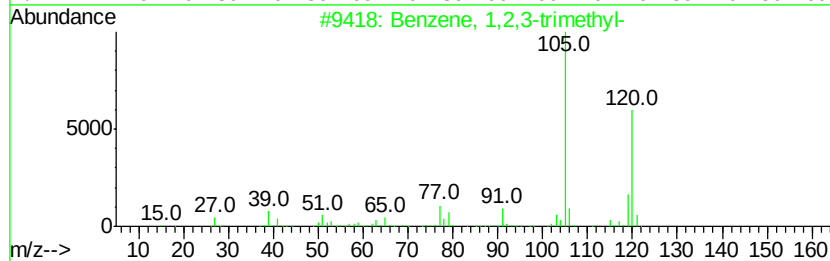
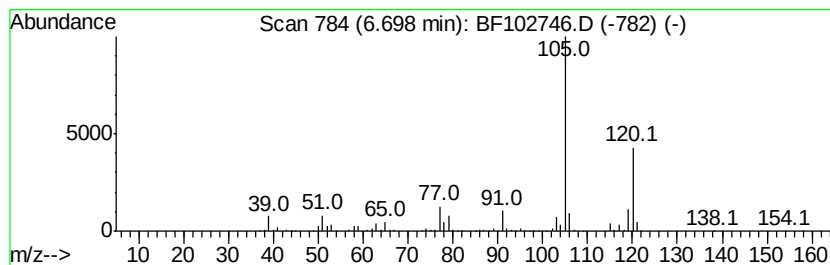
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	22.22 ng	2497220	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-2-methyl-	120	C9H12	000611-14-3	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
Data File : BF102746.D
Acq On : 5 Feb 2018 19:00
Operator : SJ/JU
Sample : J1456-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-6-EW(12-14)

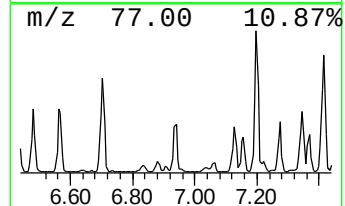
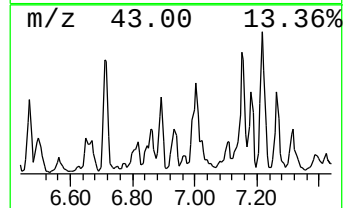
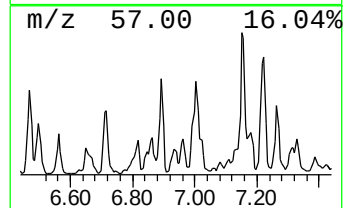
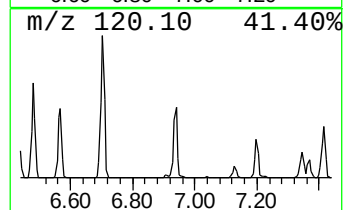
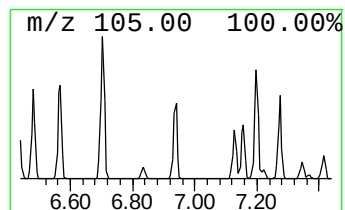
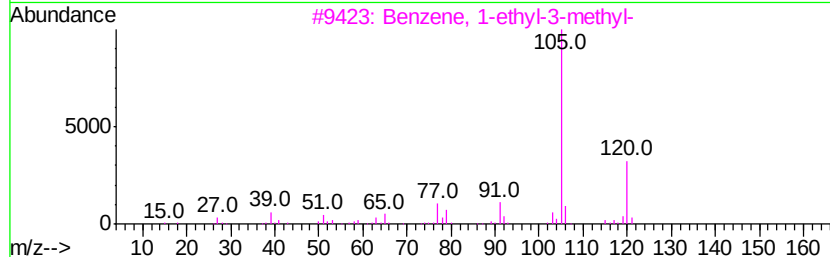
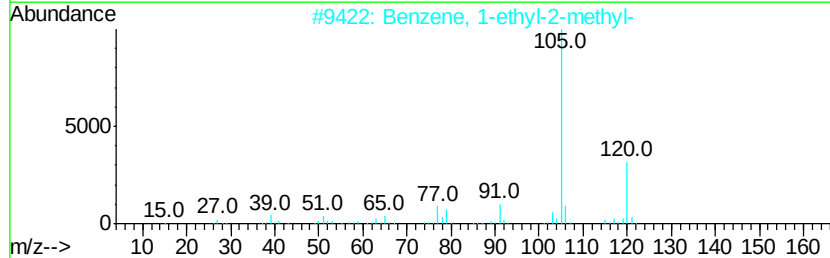
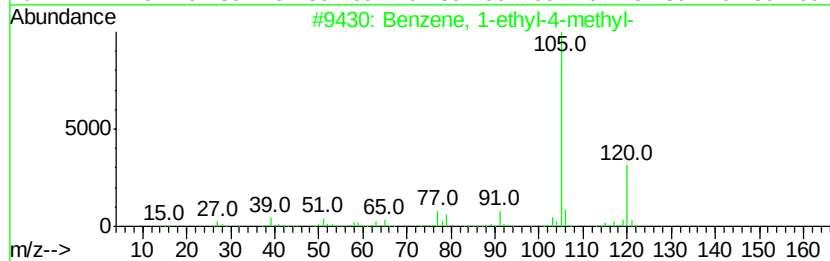
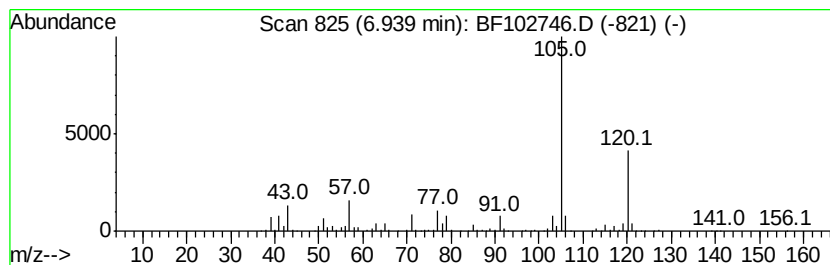
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	11.87 ng	1333880	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
5		Mesitylene	120	C9H12	000108-67-8	81



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102746.D
Acq On : 5 Feb 2018 19:00
Operator : SJ/JU
Sample : J1456-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-6-EW(12-14)

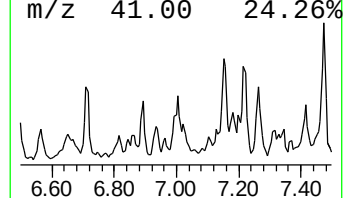
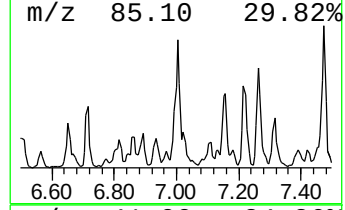
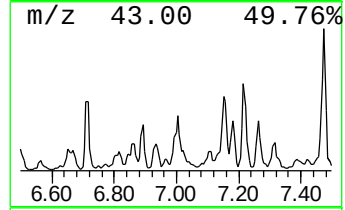
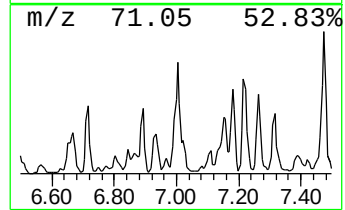
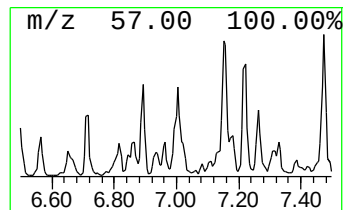
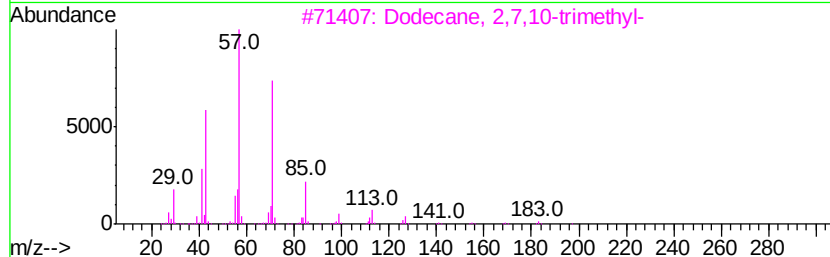
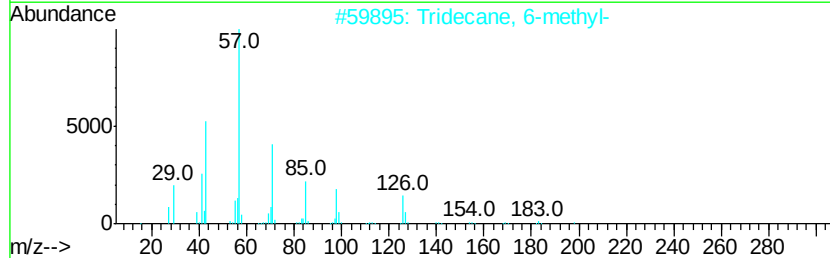
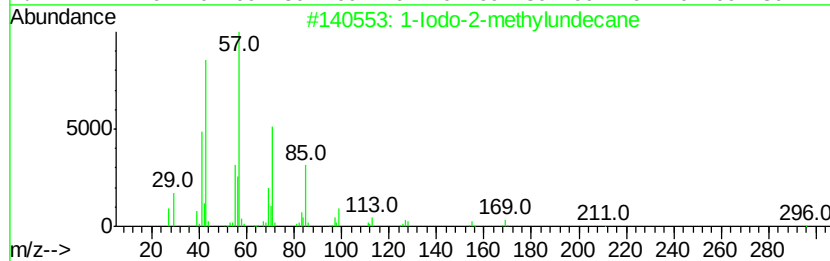
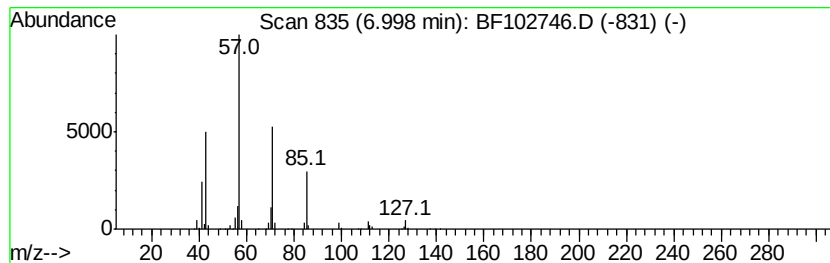
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Iodo-2-methylundecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	11.59 ng	1302740	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78
2			Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
5			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	50



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102746.D
Acq On : 5 Feb 2018 19:00
Operator : SJ/JU
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Instrument :
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8-SAN-6-EW(12-14)

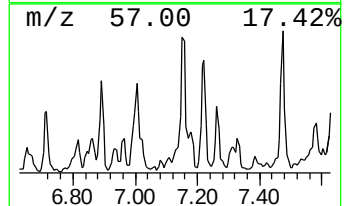
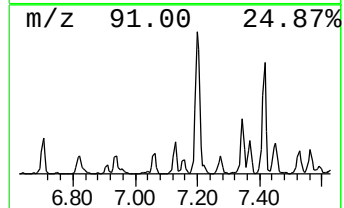
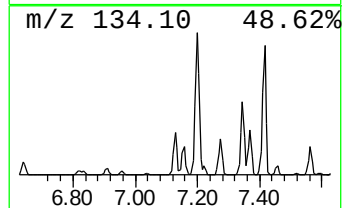
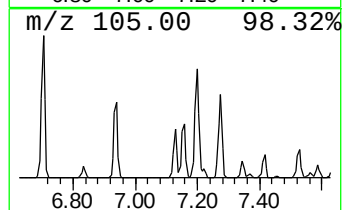
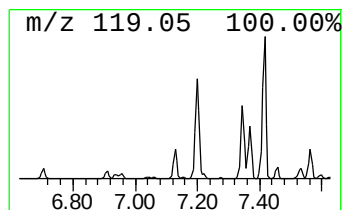
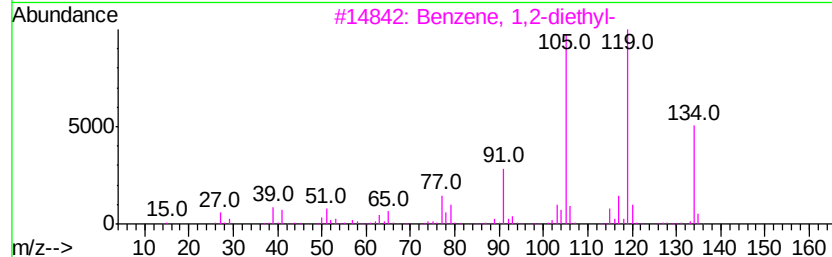
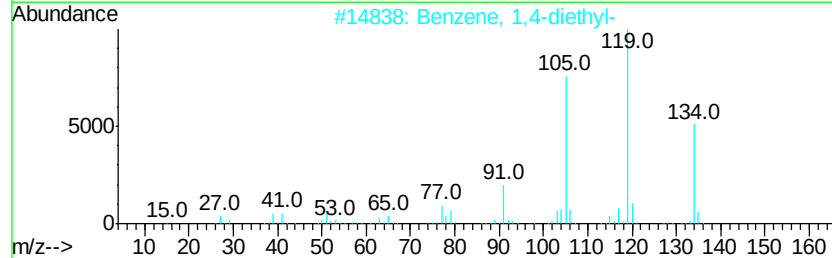
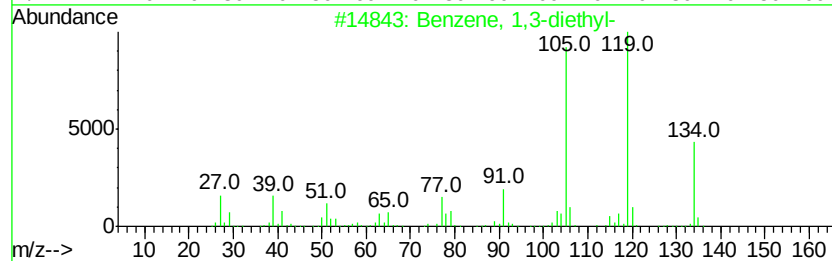
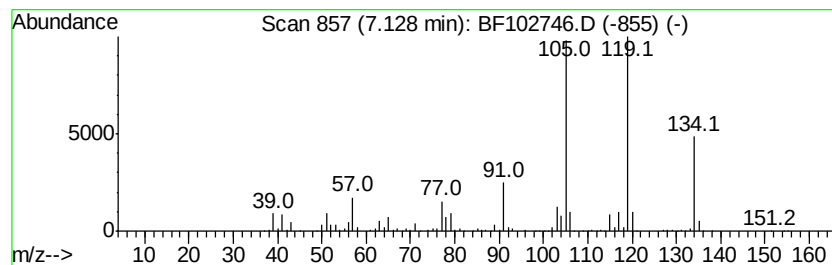
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	10.39 ng	1167720	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	97
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		p-Cymene	134	C10H14	000099-87-6	81



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102746.D
Acq On : 5 Feb 2018 19:00
Operator : SJ/JU
Sample : J1456-04 20X
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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
8-SAN-6-EW(12-14)

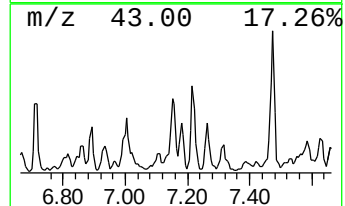
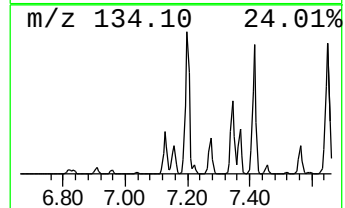
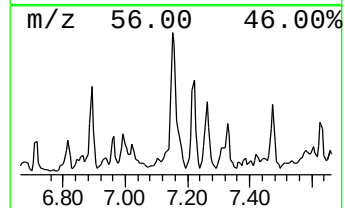
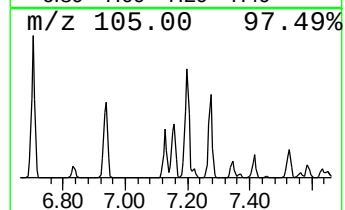
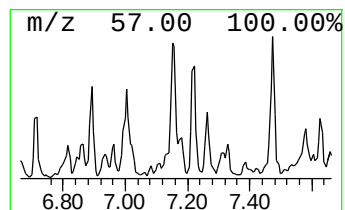
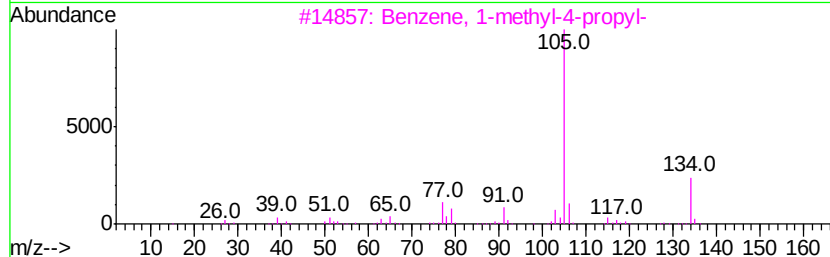
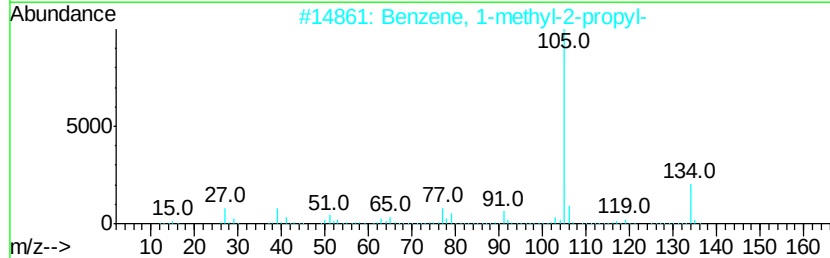
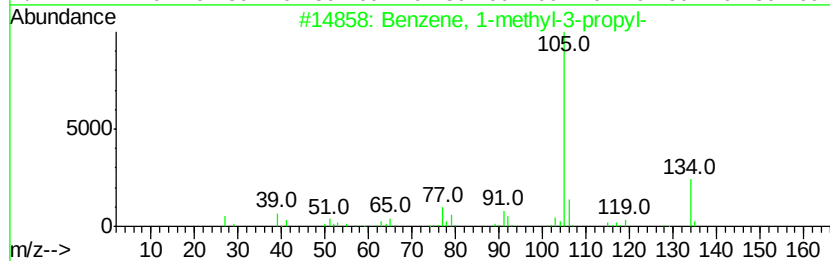
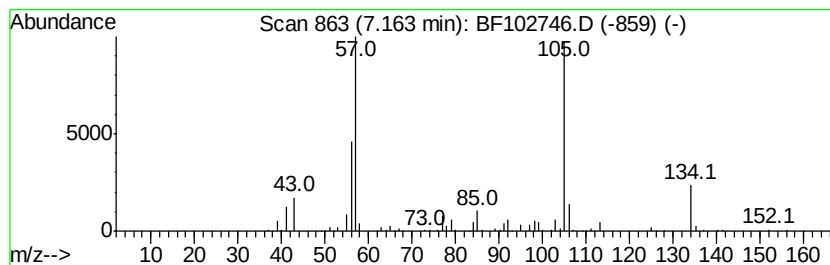
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown7.16 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	17.82 ng	2002630	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	46
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	42
5		2-Tolylloxirane	134	C9H10O	002783-26-8	42



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
Data File : BF102746.D
Acq On : 5 Feb 2018 19:00
Operator : SJ/JU
Sample : J1456-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
8-SAN-6-EW(12-14)

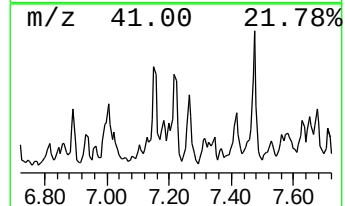
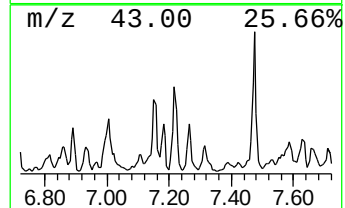
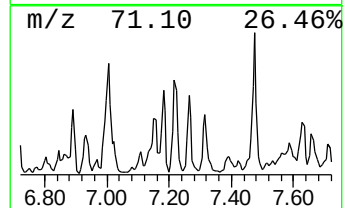
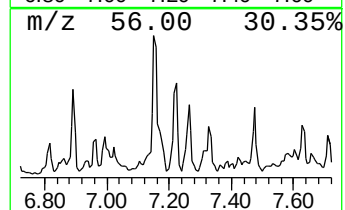
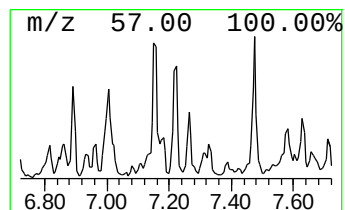
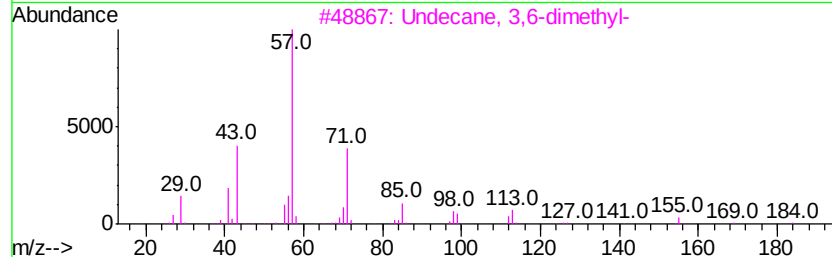
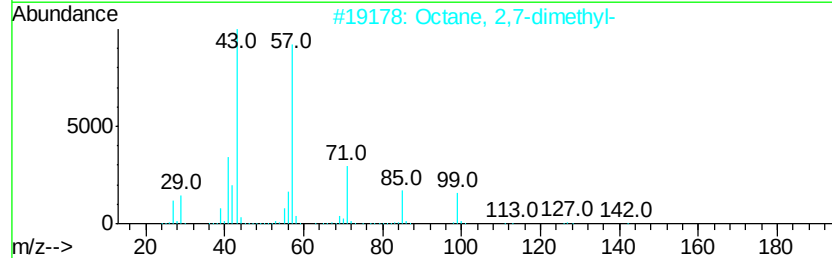
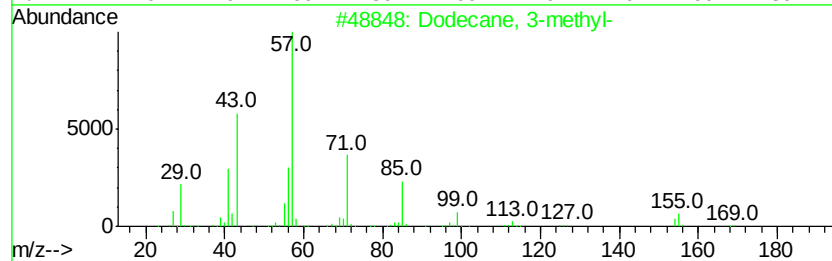
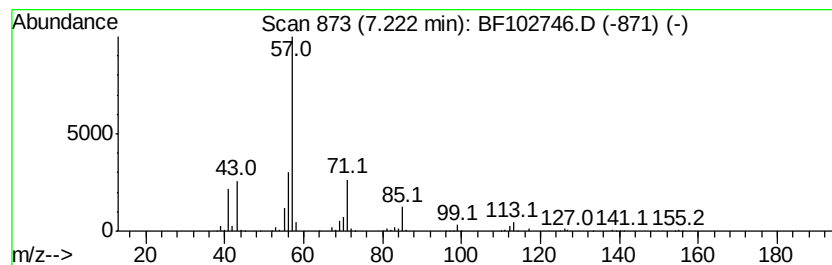
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	11.09 ng	1246210	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
2		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	59
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	59
5		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	53



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
Data File : BF102746.D
Acq On : 5 Feb 2018 19:00
Operator : SJ/JU
Sample : J1456-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-6-EW(12-14)

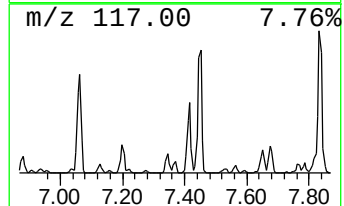
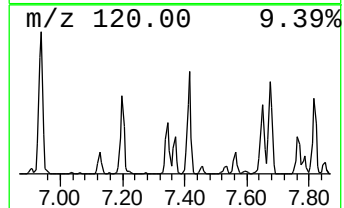
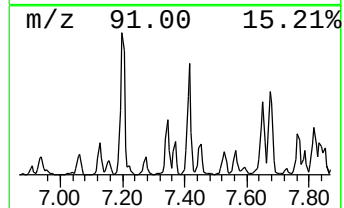
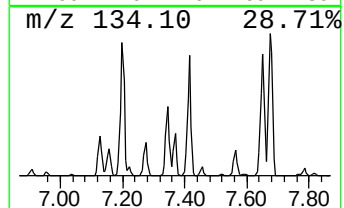
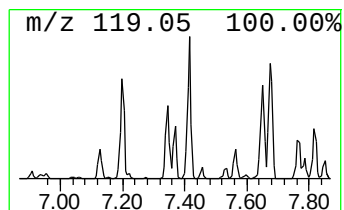
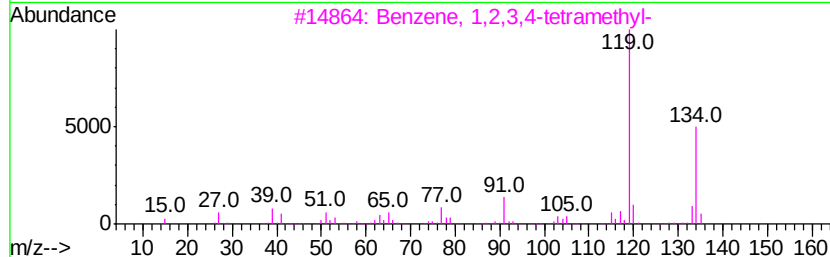
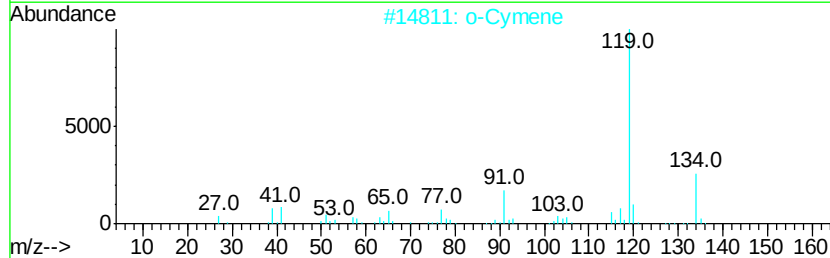
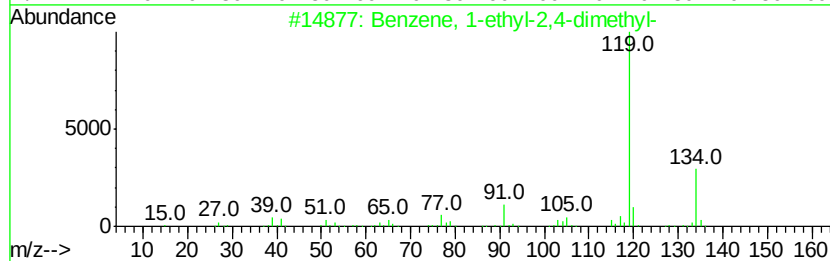
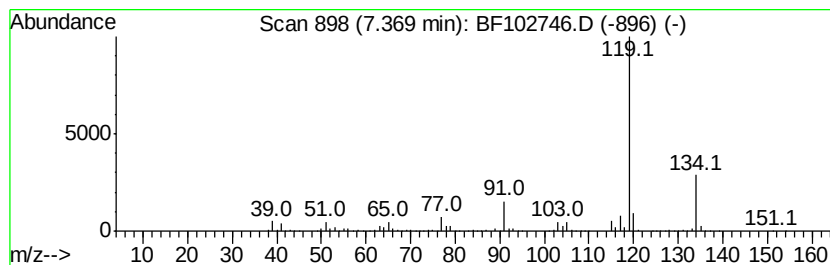
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	7.35 ng	825889	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
Data File : BF102746.D
Acq On : 5 Feb 2018 19:00
Operator : SJ/JU
Sample : J1456-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-6-EW(12-14)

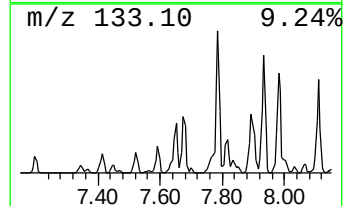
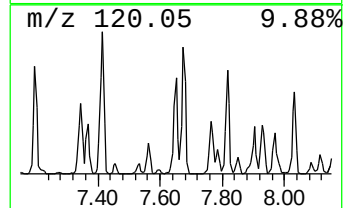
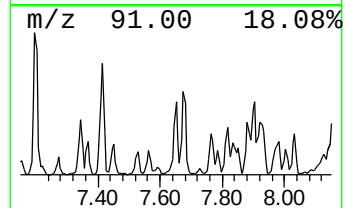
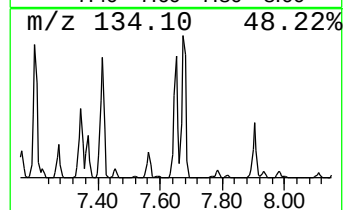
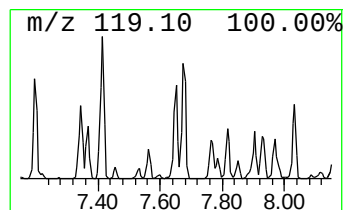
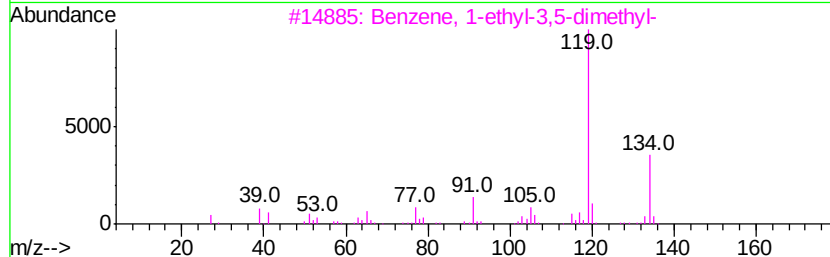
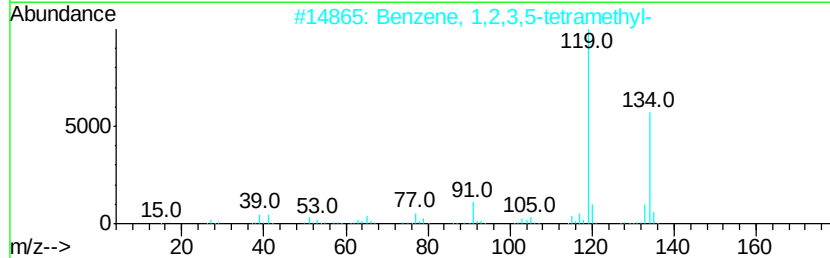
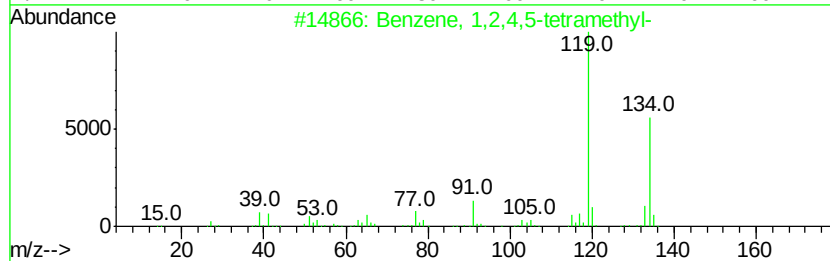
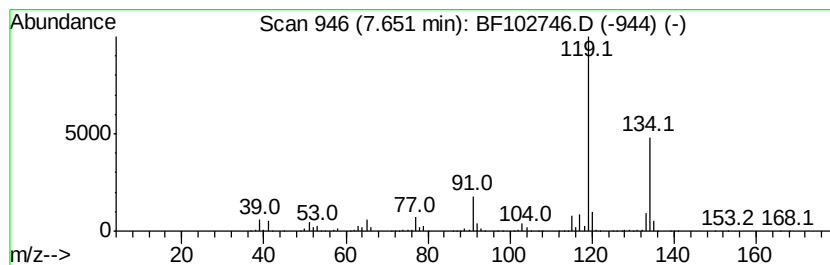
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	9.26 ng	2089280	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	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	94
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102746.D
Acq On : 5 Feb 2018 19:00
Operator : SJ/JU
Sample : J1456-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

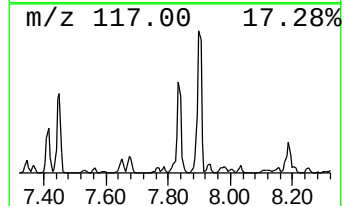
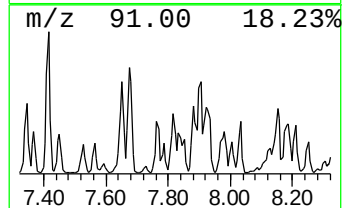
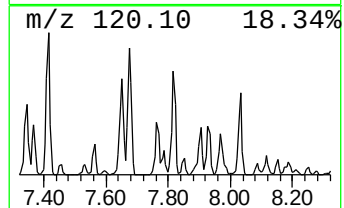
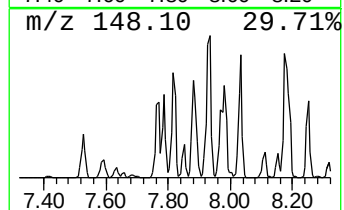
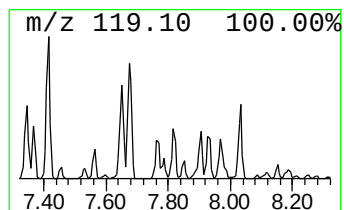
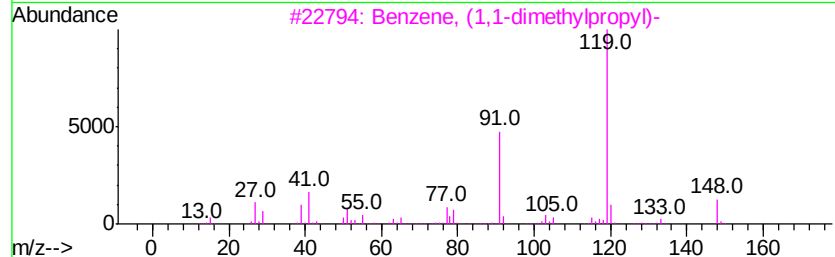
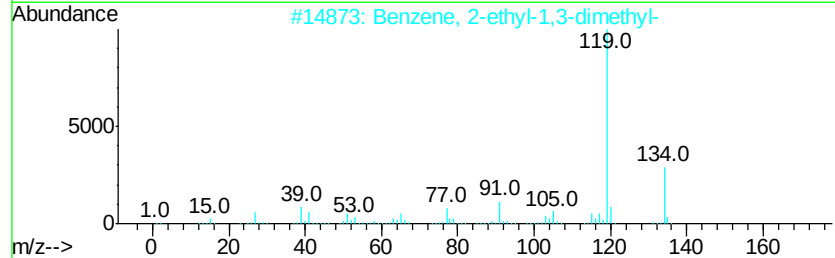
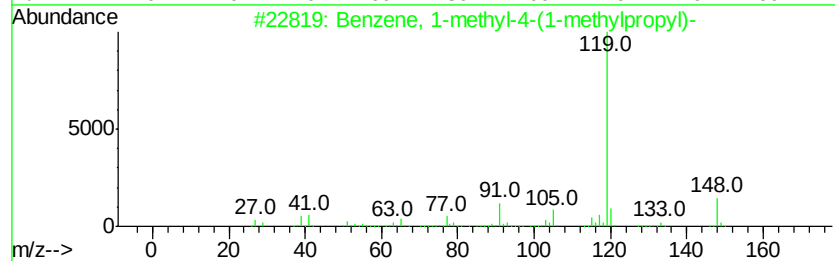
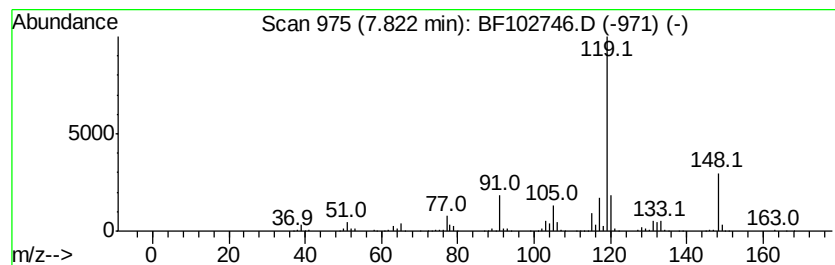
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ClientSampleId :
8-SAN-6-EW(12-14)

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 15 Benzene, 1-methyl-4-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	7.78 ng	1755470	Napthalene-d8	8.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148 C11H16	001595-16-0	62
2	Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4	60
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, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3	50



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102746.D
Acq On : 5 Feb 2018 19:00
Operator : SJ/JU
Sample : J1456-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-6-EW(12-14)

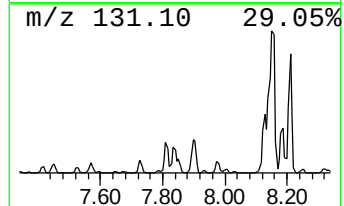
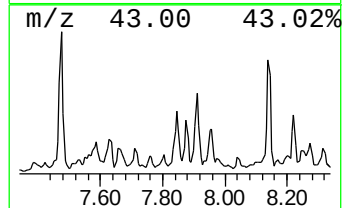
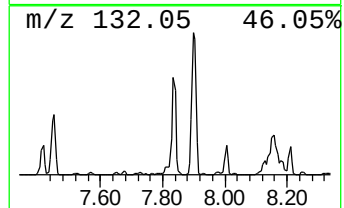
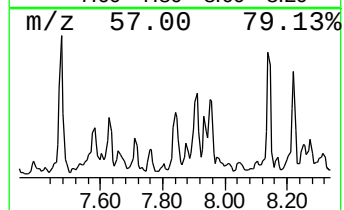
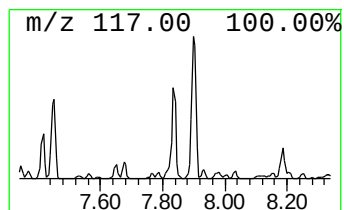
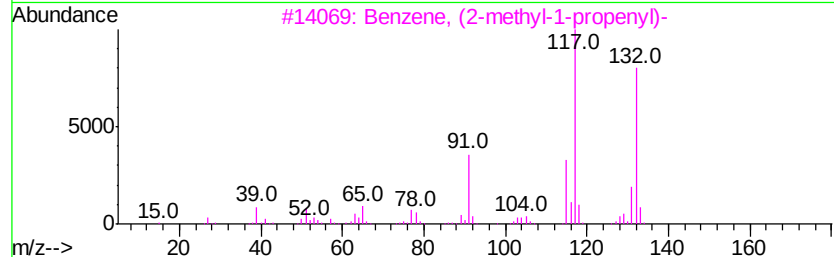
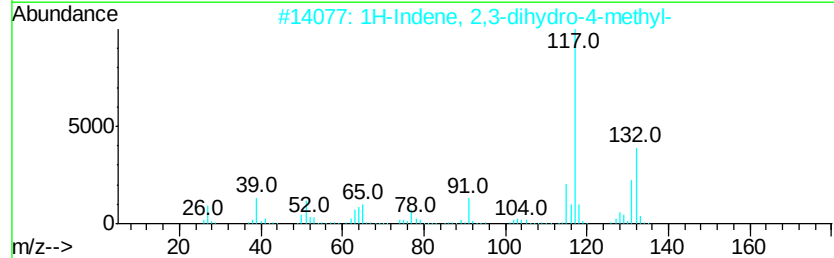
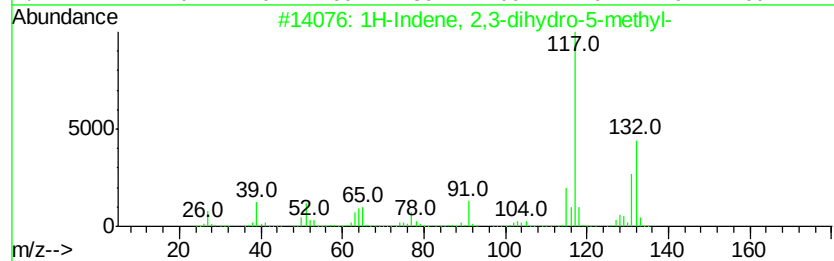
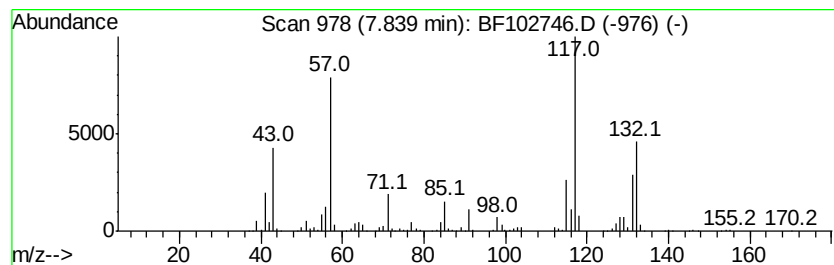
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	10.11 ng	2280940	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	72
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	59
4		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	59
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	59



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
Data File : BF102746.D
Acq On : 5 Feb 2018 19:00
Operator : SJ/JU
Sample : J1456-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-6-EW(12-14)

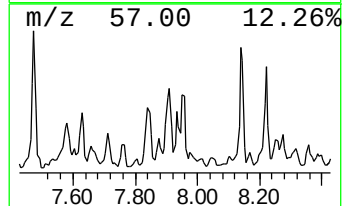
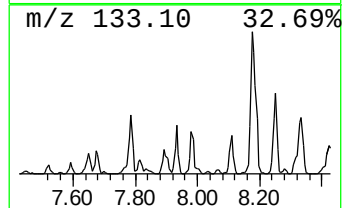
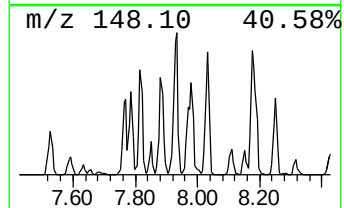
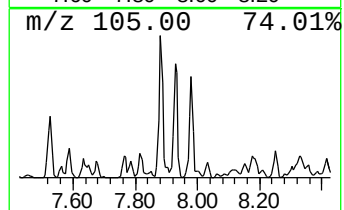
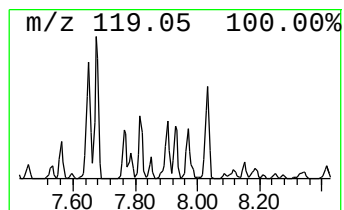
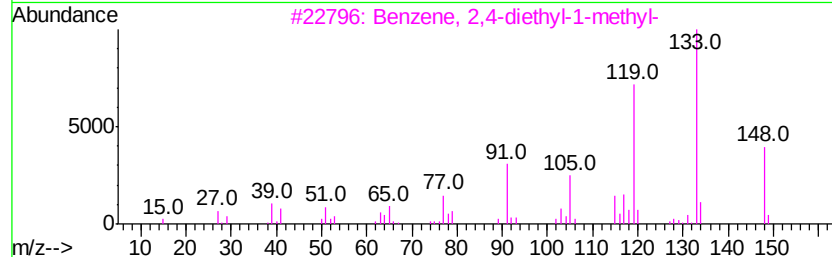
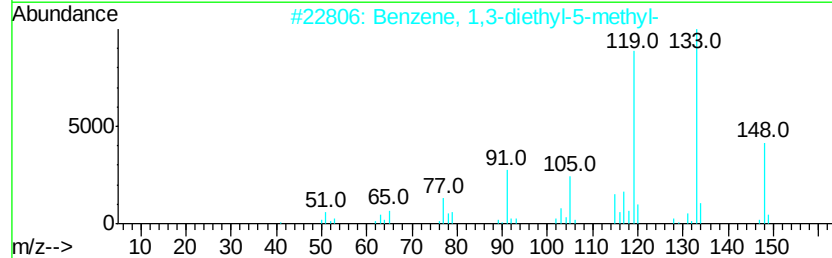
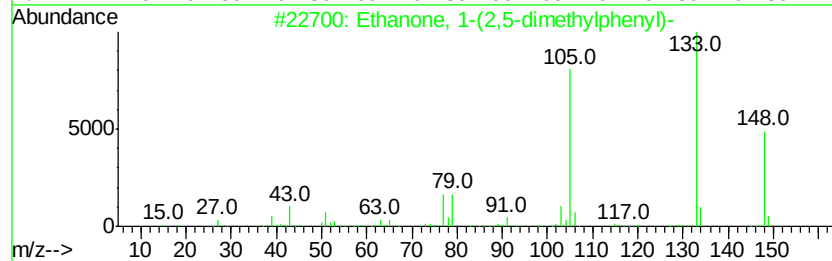
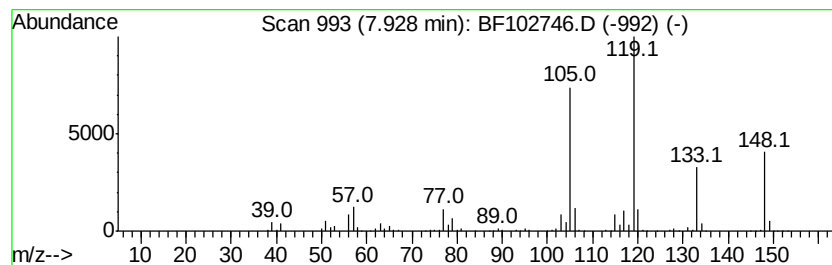
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Ethanone, 1-(2,5-dimethylph... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	7.79 ng	1757040	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	64
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	52
3		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	52
4		Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	52
5		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	50



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
Data File : BF102746.D
Acq On : 5 Feb 2018 19:00
Operator : SJ/JU
Sample : J1456-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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8-SAN-6-EW(12-14)

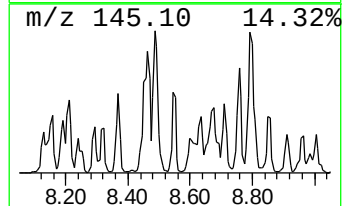
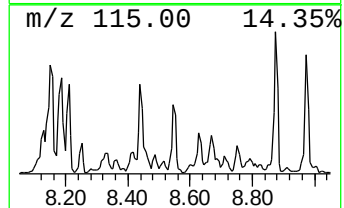
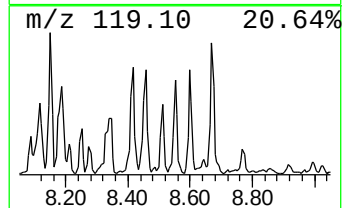
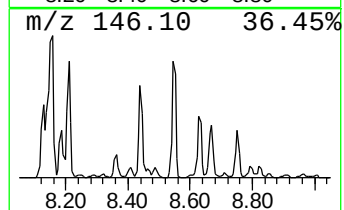
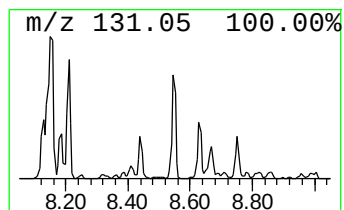
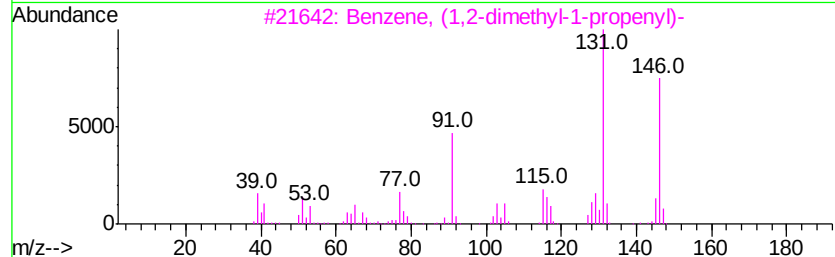
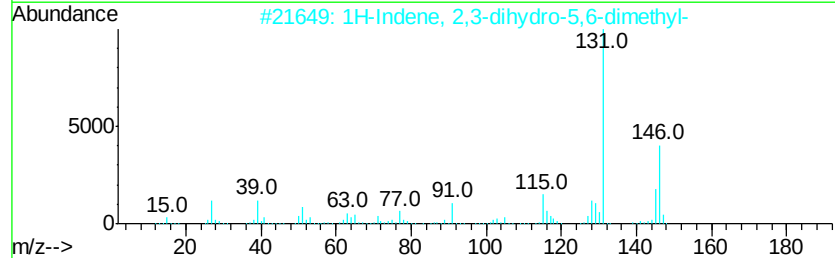
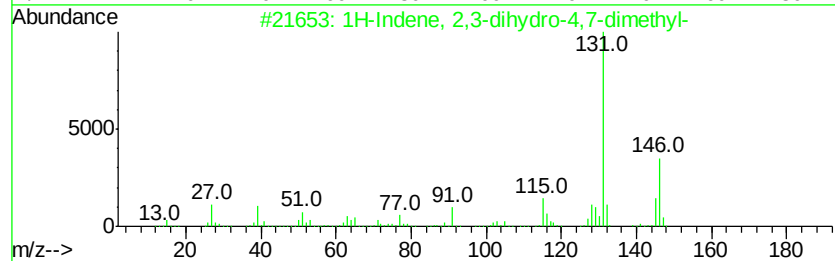
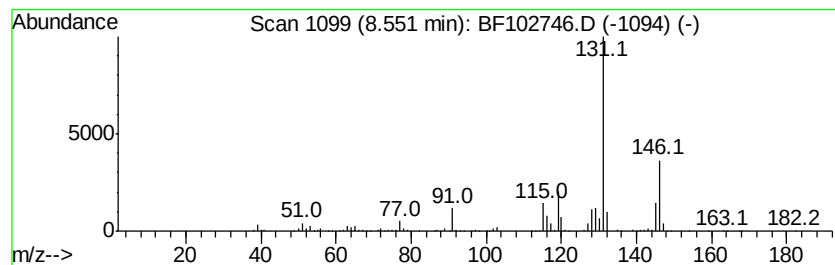
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	7.52 ng	1697630	Napthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
4			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
5			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
 Data File : BF102746.D
 Acq On : 5 Feb 2018 19:00
 Operator : SJ/JU
 Sample : J1456-04 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-6-EW(12-14)

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
Octane, 2,4,6-tri...	6.37	17.3	ng	1947270	1	6.88	2247280	20.0
Nonane, 2-methyl-	6.41	8.9	ng	996943	1	6.88	2247280	20.0
Benzene, 1-ethyl-...	6.56	13.7	ng	1542300	1	6.88	2247280	20.0
unknown6.65	6.65	8.8	ng	991724	1	6.88	2247280	20.0
Benzene, 1,2,3-tr...	6.70	22.2	ng	2497220	1	6.88	2247280	20.0
Benzene, 1-ethyl-...	6.94	11.9	ng	1333880	1	6.88	2247280	20.0
1-Iodo-2-methylun...	7.00	11.6	ng	1302740	1	6.88	2247280	20.0
Benzene, 1,3-diet...	7.13	10.4	ng	1167720	1	6.88	2247280	20.0
unknown7.16	7.16	17.8	ng	2002630	1	6.88	2247280	20.0
Dodecane, 3-methyl-	7.22	11.1	ng	1246210	1	6.88	2247280	20.0
Benzene, 1-ethyl-...	7.37	7.3	ng	825889	1	6.88	2247280	20.0
Benzene, 1,2,4,5-...	7.65	9.3	ng	2089280	2	8.16	4512100	20.0
Benzene, 1-methyl...	7.82	7.8	ng	1755470	2	8.16	4512100	20.0
1H-Indene, 2,3-di...	7.84	10.1	ng	2280940	2	8.16	4512100	20.0
Ethanone, 1-(2,5-...	7.93	7.8	ng	1757040	2	8.16	4512100	20.0
1H-Indene, 2,3-di...	8.55	7.5	ng	1697630	2	8.16	4512100	20.0