

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023917.D
 Acq On : 26 Aug 2016 7:37
 Operator : UM/SJ
 Sample : H4592-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-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_G\METHODS\8270-BG080116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.968	184	192	202	rVB2	411345	976972	10.64%	0.393%
2	4.062	202	208	213	rBV	531350	978906	10.66%	0.394%
3	4.215	226	234	239	rBV2	378143	829501	9.03%	0.334%
4	4.526	278	287	306	rVB6	202754	866171	9.43%	0.349%
5	5.489	446	451	453	rVV3	460938	756898	8.24%	0.305%
6	5.560	459	463	469	rVV	1107550	1930064	21.02%	0.777%
7	5.624	469	474	481	rVV2	591321	1314123	14.31%	0.529%
8	5.718	481	490	503	rVB	1507820	3110241	33.87%	1.251%
9	6.071	542	550	557	rVB3	352063	900845	9.81%	0.362%
10	6.324	586	593	601	rBV4	381174	942124	10.26%	0.379%
11	6.535	624	629	637	rVV4	284469	872084	9.50%	0.351%
12	6.606	637	641	646	rVV	544045	893593	9.73%	0.360%
13	6.700	652	657	667	rVV5	445564	1301242	14.17%	0.524%
14	6.940	692	698	706	rVV4	282692	768037	8.36%	0.309%
15	7.052	712	717	722	rVV	1364056	2232805	24.31%	0.898%
16	7.105	722	726	731	rVB	763773	1111917	12.11%	0.447%
17	7.216	739	745	751	rVV	2341007	4176038	45.47%	1.680%
18	7.299	751	759	765	rVB	1242356	2469049	26.89%	0.993%
19	7.469	781	788	794	rBV	2220584	3813757	41.53%	1.535%
20	7.628	810	815	821	rVB3	671084	1303942	14.20%	0.525%
21	7.728	827	832	840	rVB	1590826	2594799	28.26%	1.044%
22	7.986	866	876	881	rBV4	439914	1218178	13.27%	0.490%
23	8.051	881	887	891	rBV	1349379	2019873	22.00%	0.813%
24	8.139	898	902	907	rVB3	406493	784449	8.54%	0.316%
25	8.203	907	913	919	rBV	3531346	6474587	70.50%	2.605%
26	8.327	927	934	937	rBV3	401451	971112	10.57%	0.391%
27	8.368	937	941	945	rBV2	524229	812970	8.85%	0.327%
28	8.468	954	958	971	rVB	1507546	2803844	30.53%	1.128%
29	8.579	971	977	980	rBV	1208041	2231152	24.30%	0.898%
30	8.662	988	991	997	rVB	1003758	1653464	18.01%	0.665%
31	8.732	997	1003	1010	rBV2	3148532	6029586	65.66%	2.426%
32	8.844	1016	1022	1026	rBV	1204413	2006081	21.84%	0.807%
33	8.897	1026	1031	1035	rVV	821199	1300821	14.17%	0.523%
34	9.049	1051	1057	1062	rBV	1151217	2074117	22.59%	0.835%

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35	9.102	1062	1066	1071	rVB	595692	1071415	11.67%	0.431%
36	9.202	1071	1083	1091	rBV2	3805693	7955026	86.63%	3.201%
37	9.290	1091	1098	1105	rVB4	1973821	4111952	44.78%	1.655%
38	9.408	1113	1118	1119	rBV3	511318	754581	8.22%	0.304%
39	9.449	1120	1125	1133	rVB4	899004	1997257	21.75%	0.804%
40	9.543	1133	1141	1154	rBV7	1265529	3886255	42.32%	1.564%
41	9.672	1155	1163	1168	rBV6	361467	908026	9.89%	0.365%
42	9.731	1168	1173	1179	rBV	2478090	4113549	44.79%	1.655%
43	9.795	1179	1184	1189	rBV	2204326	3816907	41.56%	1.536%
44	9.989	1207	1217	1220	rBV2	837793	2095453	22.82%	0.843%
45	10.030	1220	1224	1229	rVV3	1354238	2640289	28.75%	1.062%
46	10.101	1229	1236	1241	rVV4	1235034	3371915	36.72%	1.357%
47	10.165	1241	1247	1254	rVV4	2138898	5163412	56.23%	2.078%
48	10.242	1255	1260	1266	rVV2	1303258	2417399	26.32%	0.973%
49	10.318	1266	1273	1279	rVV2	4652105	9183281	100.00%	3.695%
50	10.377	1279	1283	1287	rVV2	1245483	2195428	23.91%	0.883%
51	10.424	1287	1291	1295	rVV	1519941	2520953	27.45%	1.014%
52	10.494	1295	1303	1308	rVV5	1162711	3014361	32.82%	1.213%
53	10.553	1309	1313	1318	rVV	754010	1236981	13.47%	0.498%
54	10.618	1318	1324	1332	rVB2	1154647	2547422	27.74%	1.025%
55	10.694	1332	1337	1341	rBV3	388860	733317	7.99%	0.295%
56	10.806	1352	1356	1359	rBV3	482933	736029	8.01%	0.296%
57	10.900	1364	1372	1375	rBV5	1106015	2730842	29.74%	1.099%
58	10.982	1380	1386	1391	rVV3	2911639	6399038	69.68%	2.575%
59	11.064	1391	1400	1406	rVB2	3631108	8261439	89.96%	3.324%
60	11.135	1406	1412	1417	rBV4	1314693	2642270	28.77%	1.063%
61	11.188	1418	1421	1430	rVB5	531896	1125670	12.26%	0.453%
62	11.293	1431	1439	1442	rBV6	658661	1420507	15.47%	0.572%
63	11.399	1452	1457	1464	rVB5	984441	2269497	24.71%	0.913%
64	11.616	1484	1494	1500	rBV7	1655201	4777925	52.03%	1.922%
65	11.746	1511	1516	1524	rBV6	1616354	2923169	31.83%	1.176%
66	11.828	1525	1530	1538	rVB3	1857628	4387748	47.78%	1.765%
67	11.934	1538	1548	1552	rBV	4585112	8416329	91.65%	3.386%
68	11.975	1552	1555	1559	rVV3	1040301	1685785	18.36%	0.678%
69	12.028	1560	1564	1570	rVB2	810340	1625024	17.70%	0.654%
70	12.116	1575	1579	1586	rBV3	1176028	2075229	22.60%	0.835%
71	12.315	1609	1613	1619	rBV5	712782	1660403	18.08%	0.668%

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72	12.545	1645	1652	1656	rVB3	1319230	2312305	25.18%	0.930%
73	12.592	1656	1660	1665	rVB	1835009	2868642	31.24%	1.154%
74	12.809	1692	1697	1705	rVB2	2254264	4537190	49.41%	1.826%
75	12.956	1717	1722	1725	rBV2	1248559	1944869	21.18%	0.783%
76	13.056	1737	1739	1743	rVB	894088	1071617	11.67%	0.431%
77	13.132	1749	1752	1758	rVB	964298	1512817	16.47%	0.609%
78	13.220	1763	1767	1771	rVV2	1206272	1735382	18.90%	0.698%
79	13.273	1771	1776	1785	rVB	4002993	6267930	68.25%	2.522%
80	13.379	1790	1794	1799	rVB	1563614	2261311	24.62%	0.910%
81	13.555	1818	1824	1825	rBV4	698096	1330896	14.49%	0.536%
82	13.796	1862	1865	1872	rVB5	584002	979274	10.66%	0.394%
83	14.084	1909	1914	1919	rBV3	1294779	2311391	25.17%	0.930%
84	14.131	1919	1922	1927	rVB2	1236014	1822326	19.84%	0.733%
85	14.219	1927	1937	1941	rBV3	4427136	8026318	87.40%	3.230%
86	14.272	1941	1946	1951	rVB2	864068	1645559	17.92%	0.662%
87	14.330	1953	1956	1960	rVB2	711683	959995	10.45%	0.386%
88	14.583	1995	1999	2006	rVB4	612966	991448	10.80%	0.399%
89	14.712	2016	2021	2023	rBV4	532447	987231	10.75%	0.397%
90	14.765	2026	2030	2036	rVV2	1183798	2159539	23.52%	0.869%
91	14.971	2061	2065	2074	rVB4	579879	1205464	13.13%	0.485%
92	15.247	2107	2112	2120	rBV7	613534	1711944	18.64%	0.689%
93	15.993	2233	2239	2243	rVB	825874	1398647	15.23%	0.563%
94	16.269	2281	2286	2294	rBV	1057107	1758707	19.15%	0.708%
95	16.475	2314	2321	2326	rBV	1067104	1811873	19.73%	0.729%
96	17.532	2495	2501	2507	rBV2	1372771	2159474	23.52%	0.869%
97	18.407	2645	2650	2656	rBV	614907	906555	9.87%	0.365%
98	20.134	2939	2944	2950	rVB	2677917	3620458	39.42%	1.457%
99	21.850	3229	3236	3247	rVB2	1414473	2504688	27.27%	1.008%
100	25.233	3801	3812	3824	rVB2	775499	2328146	25.35%	0.937%

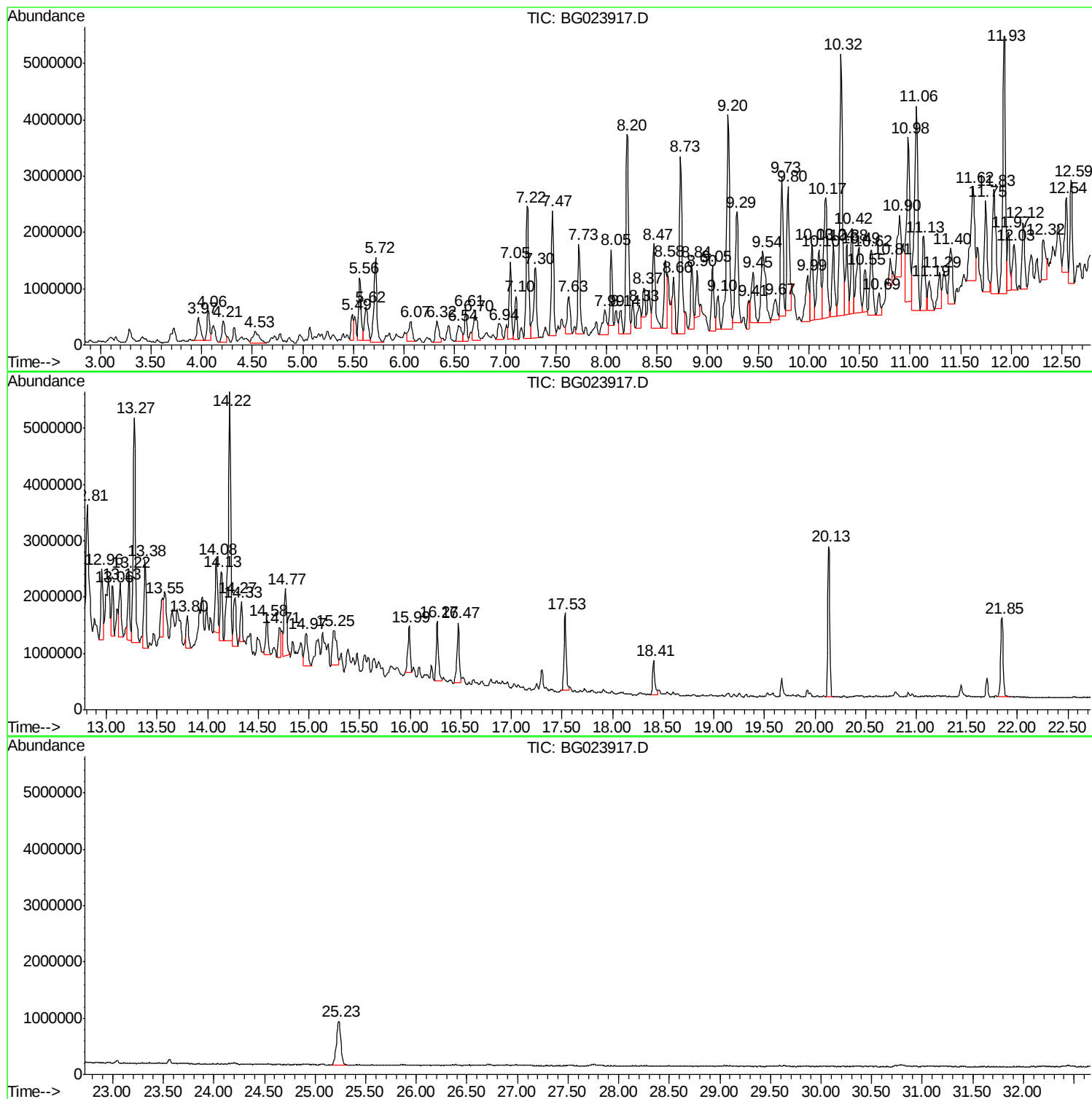
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Instrument :
BNA_G
ClientSampled :
MW-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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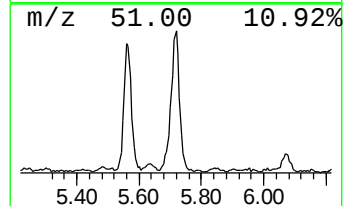
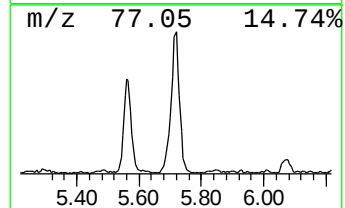
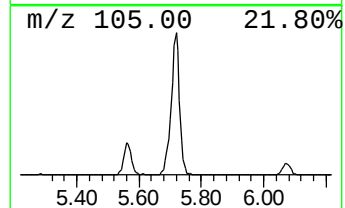
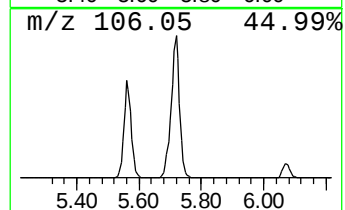
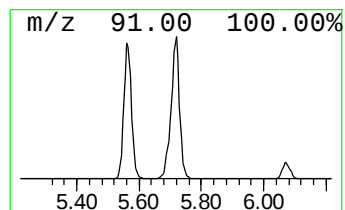
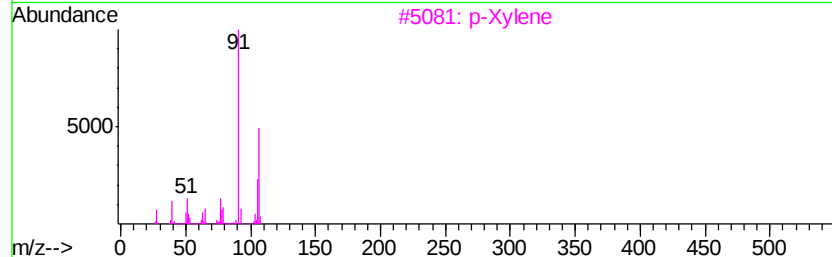
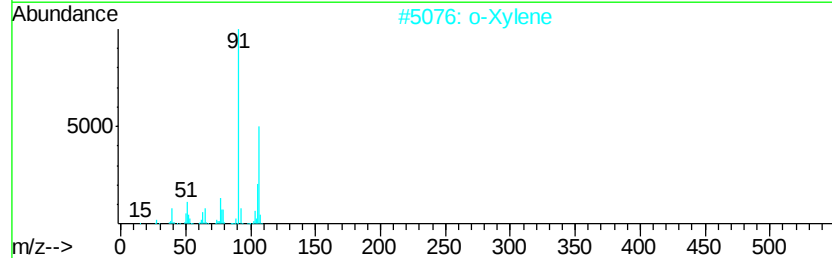
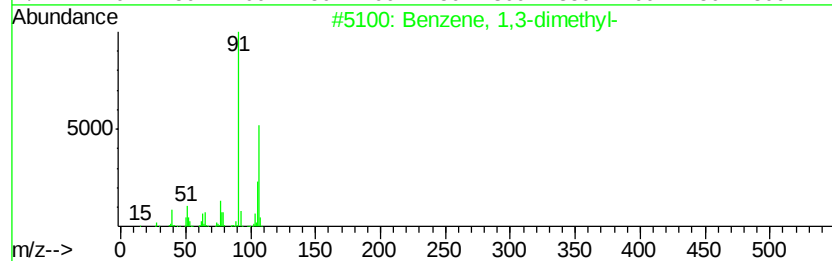
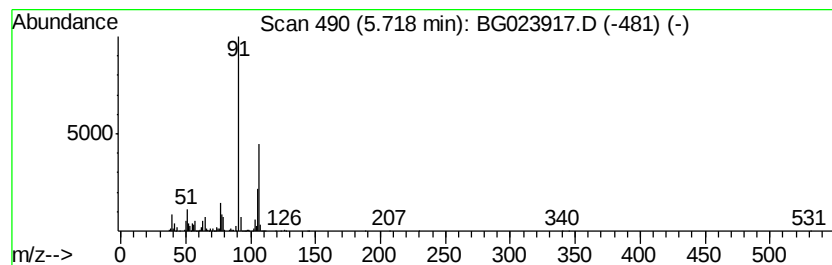
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	30.80 ng	3110240	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		o-Xylene	106	C8H10	000095-47-6	97
3		p-Xylene	106	C8H10	000106-42-3	97
4		Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86
5		Ethylbenzene	106	C8H10	000100-41-4	83



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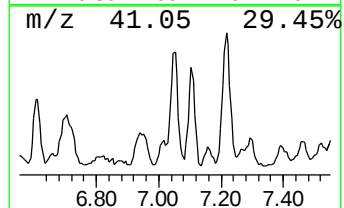
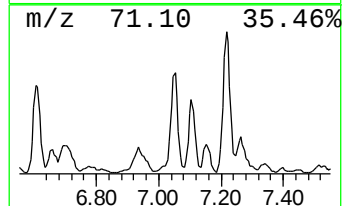
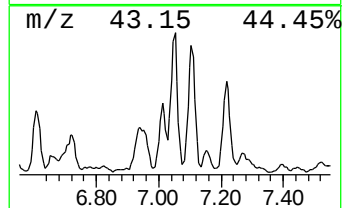
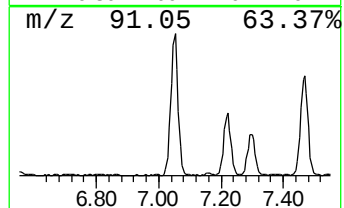
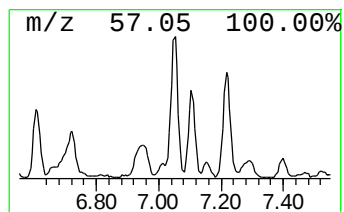
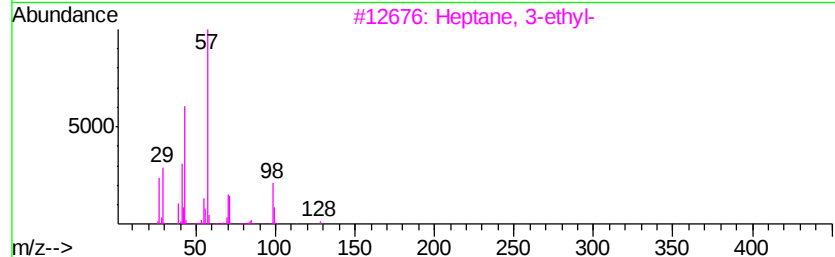
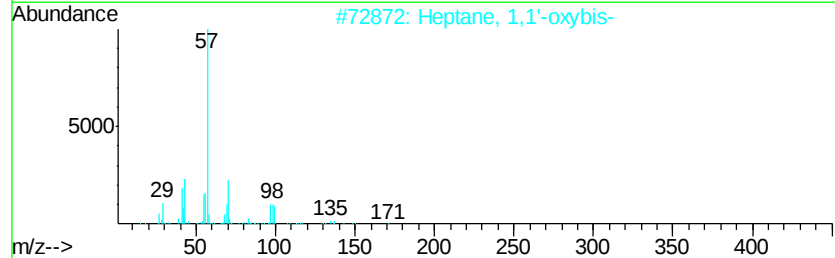
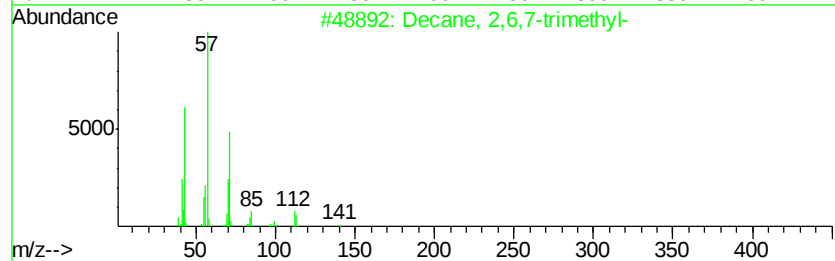
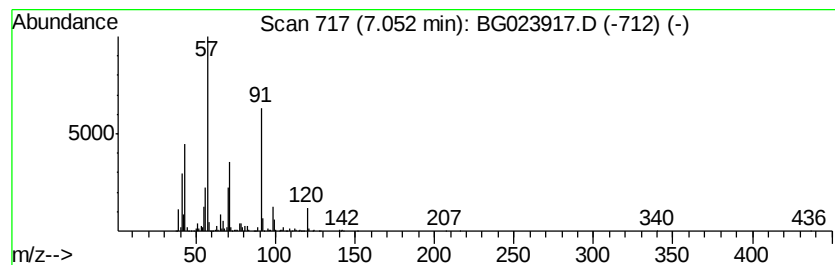
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane, 2,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	22.11 ng	2232810	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50
2		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	47
3		Heptane, 3-ethyl-	128	C9H20	015869-80-4	43
4		Nonane, 4-methyl-	142	C10H22	017301-94-9	43
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	43



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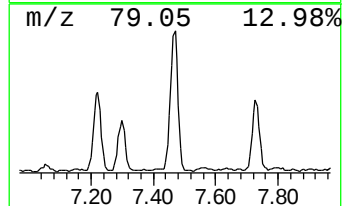
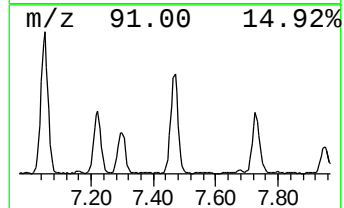
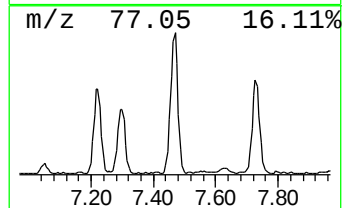
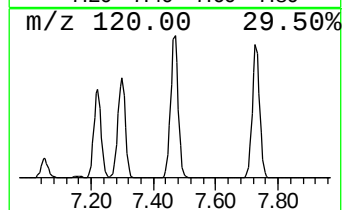
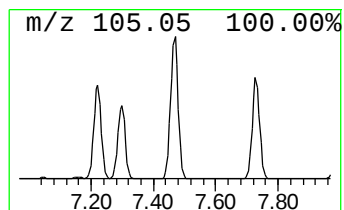
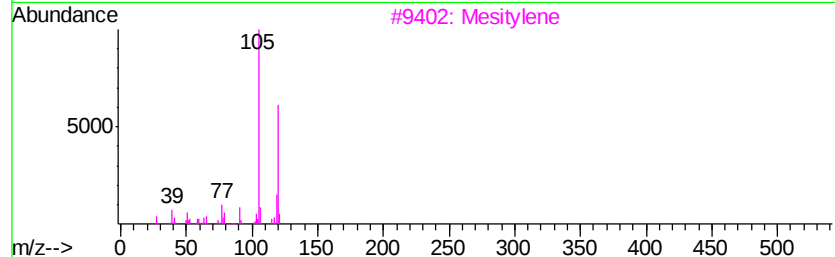
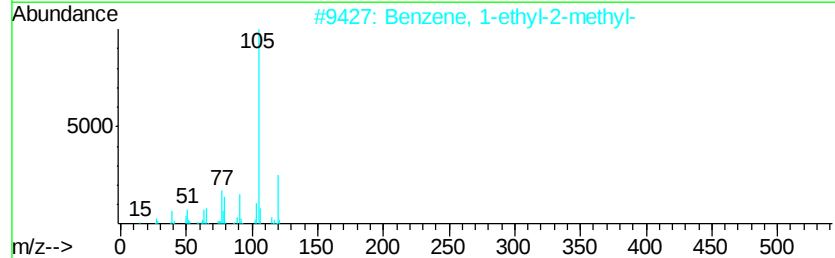
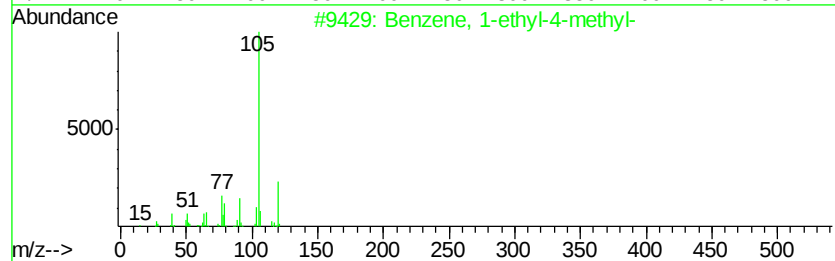
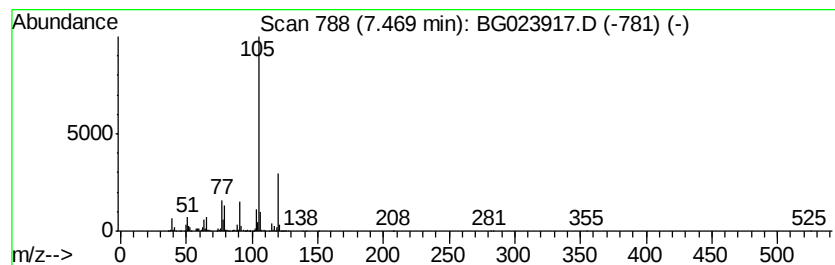
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	37.76 ng	3813760	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023917.D
Acq On : 26 Aug 2016 7:37
Operator : UM/SJ
Sample : H4592-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

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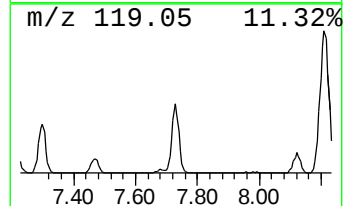
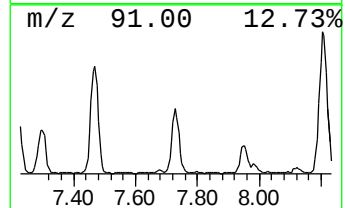
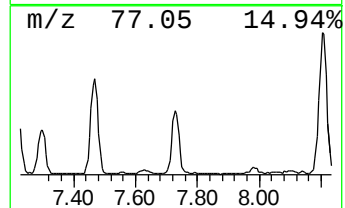
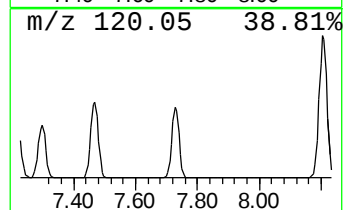
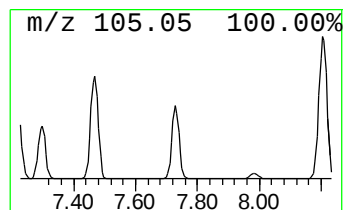
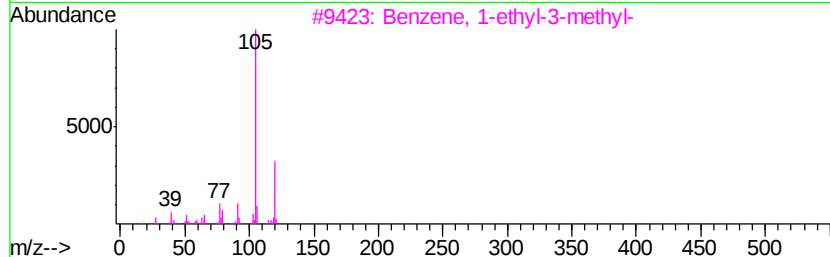
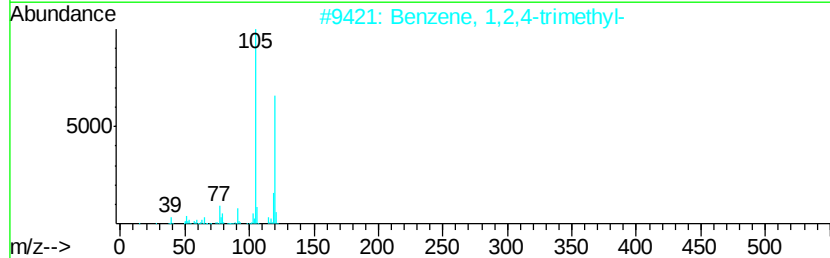
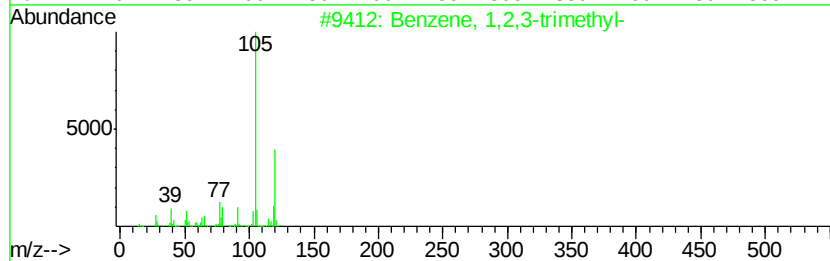
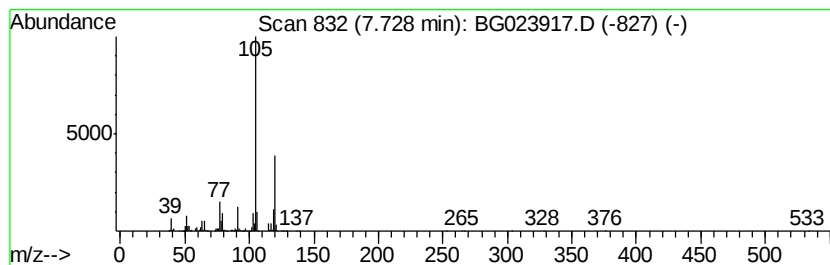
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	25.69 ng	2594800	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
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Acq On : 26 Aug 2016 7:37
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ClientSampleId :
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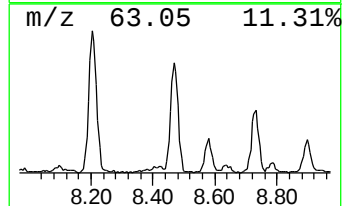
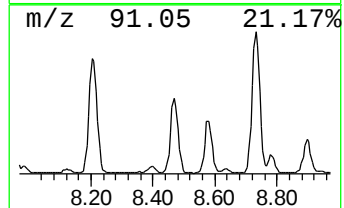
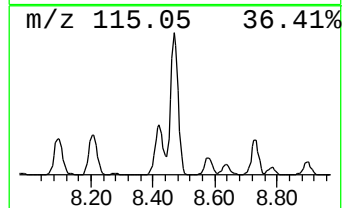
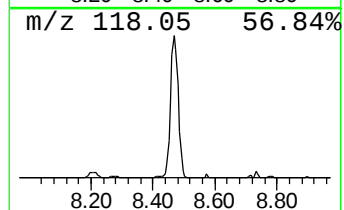
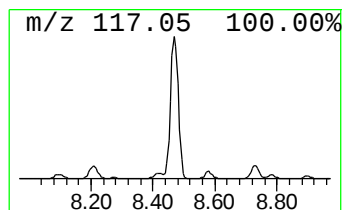
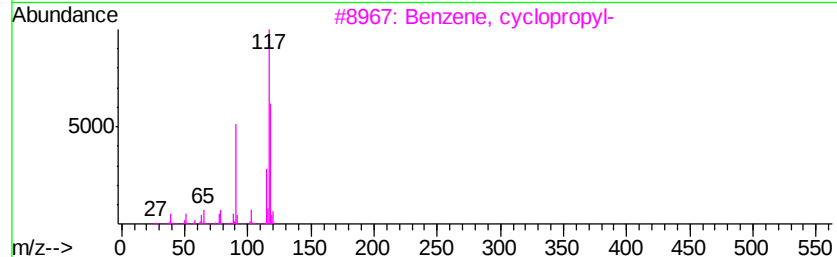
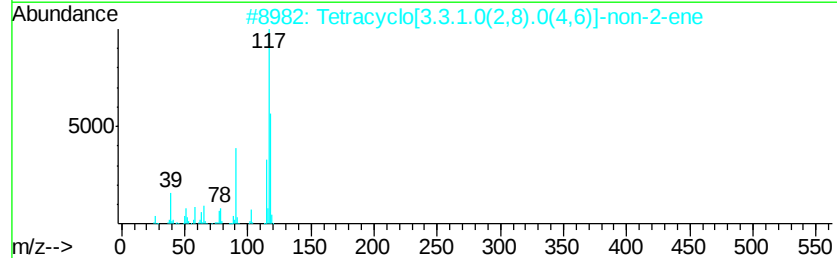
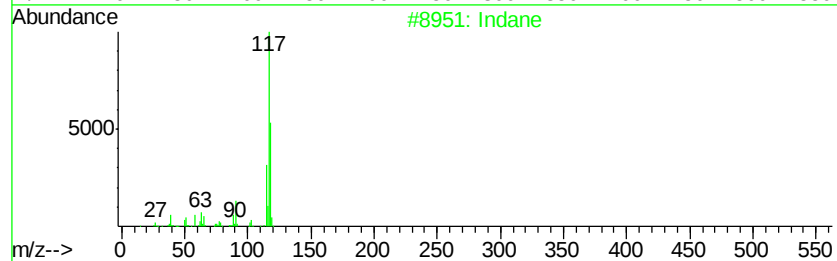
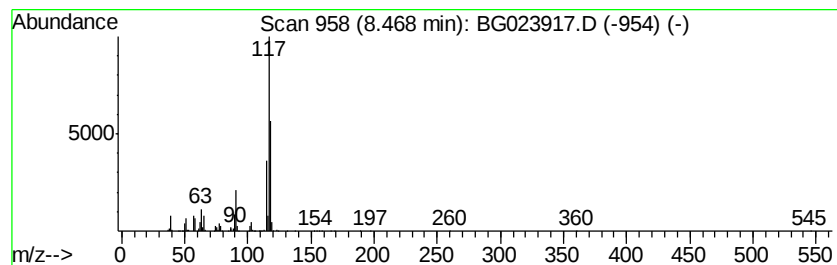
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Indane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	27.76 ng	2803840	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	87
2		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	81
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	60



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
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Operator : UM/SJ
Sample : H4592-09
Misc :
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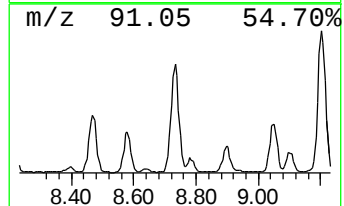
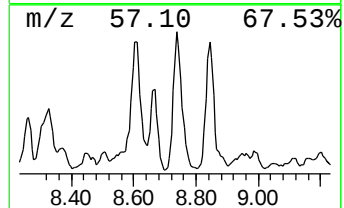
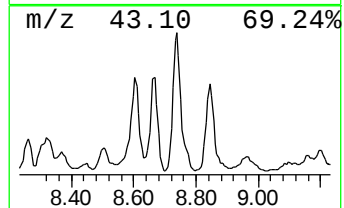
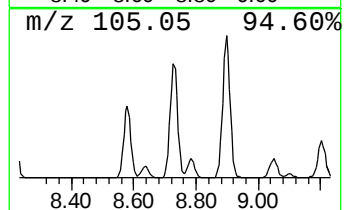
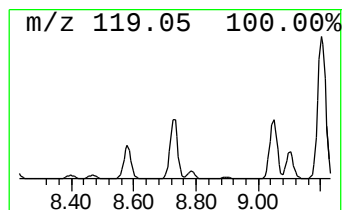
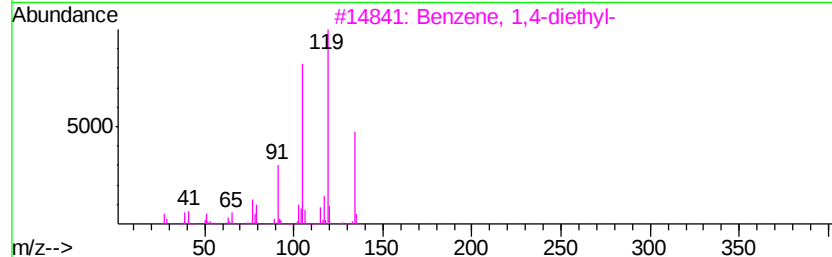
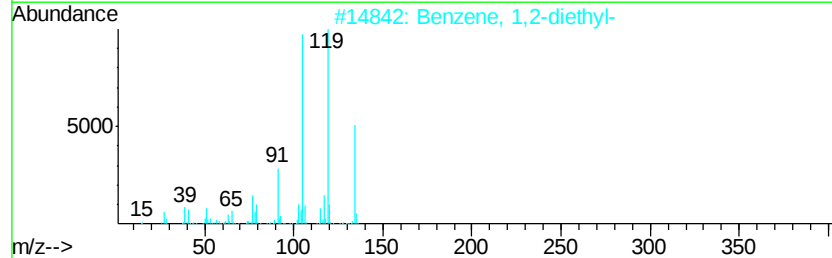
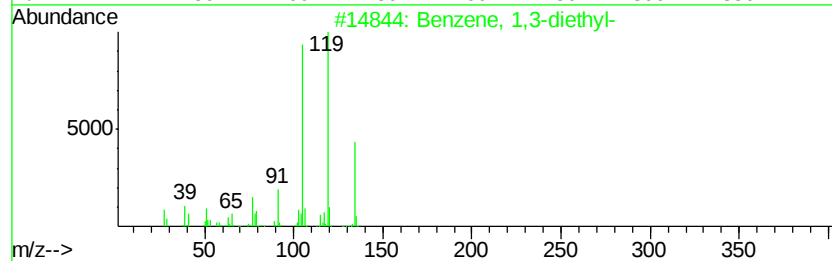
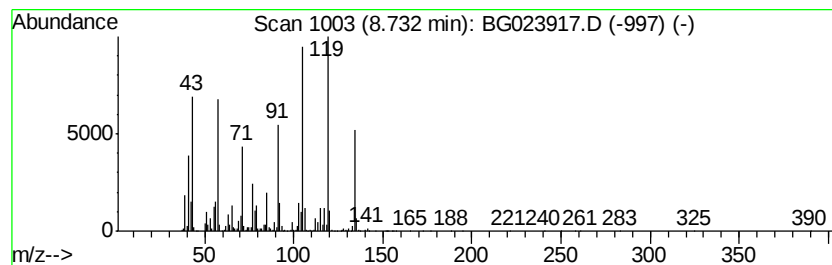
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	59.70 ng	6029590	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
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Instrument :
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ClientSampleId :
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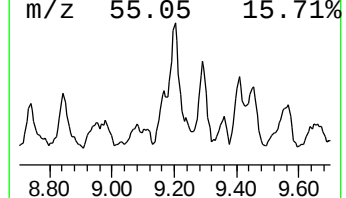
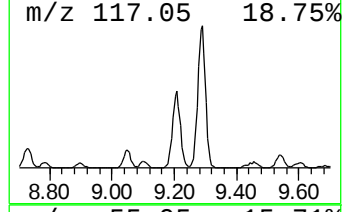
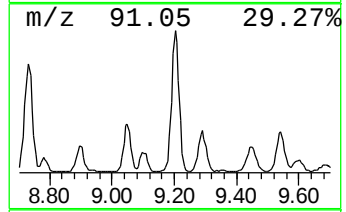
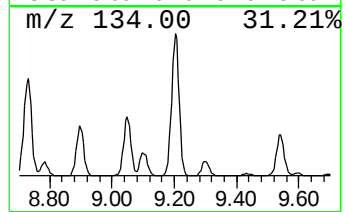
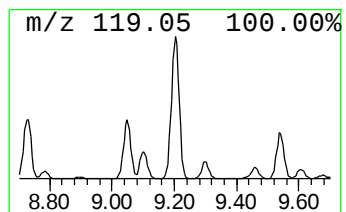
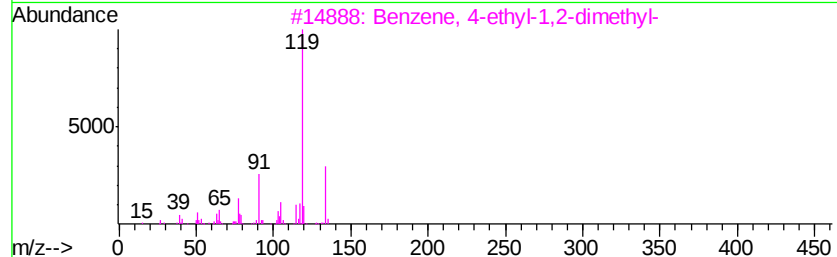
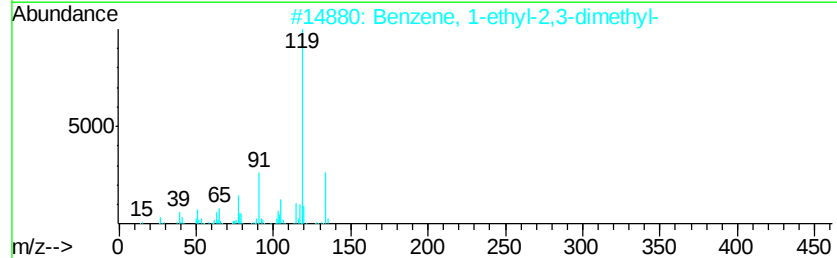
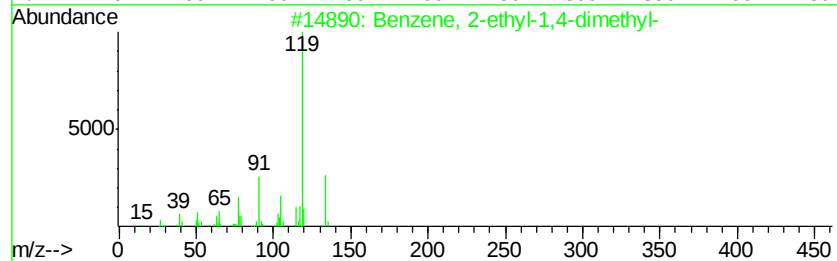
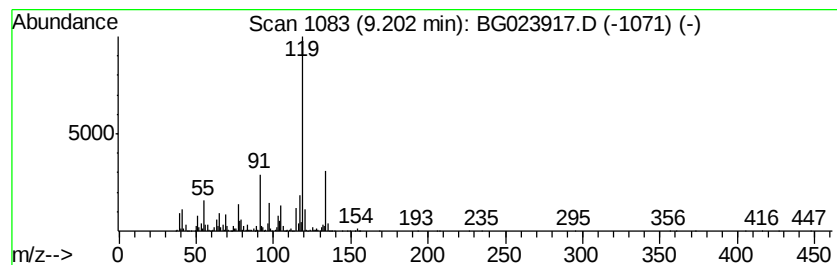
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	78.77 ng	7955030	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023917.D
Acq On : 26 Aug 2016 7:37
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Misc :
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ClientSampleId :
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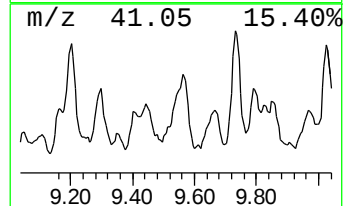
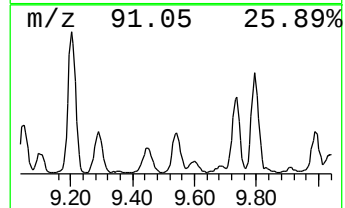
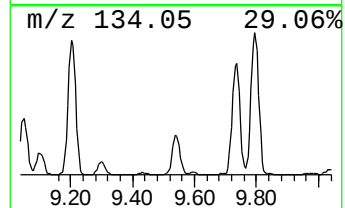
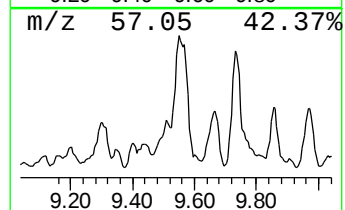
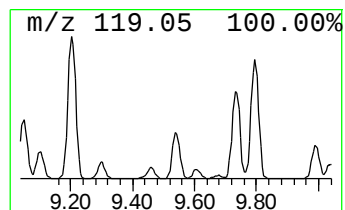
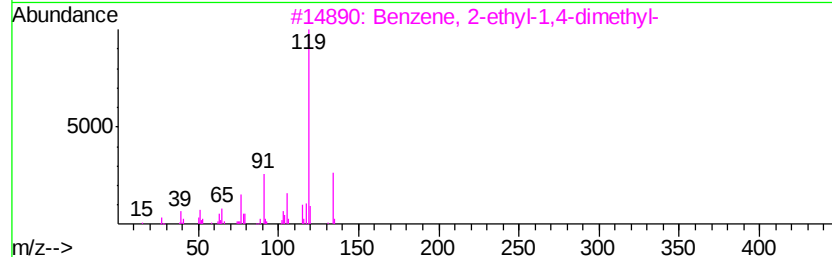
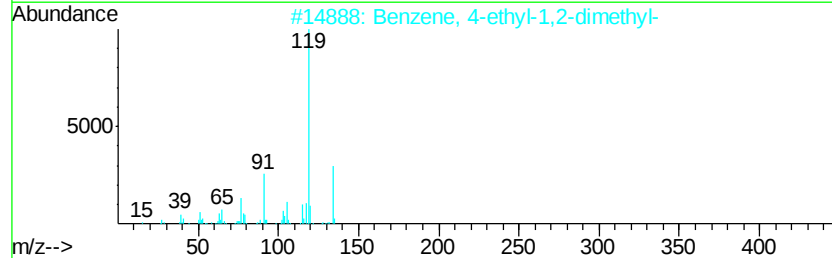
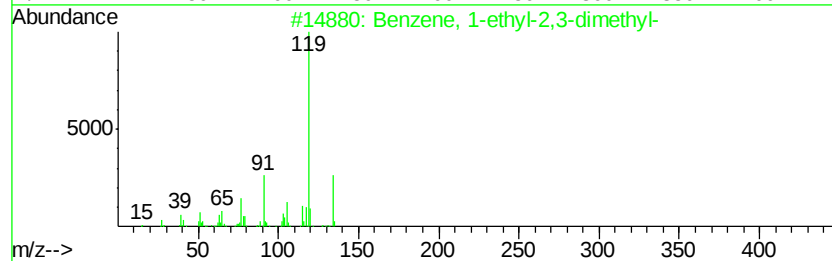
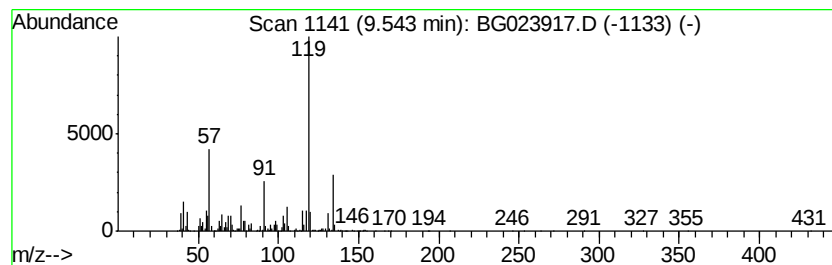
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	28.46 ng	3886260	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023917.D
Acq On : 26 Aug 2016 7:37
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ClientSampleId :
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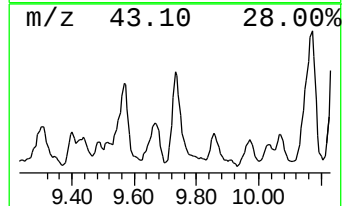
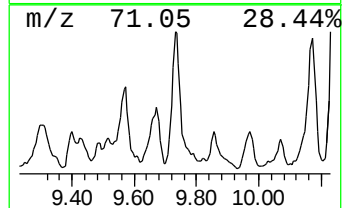
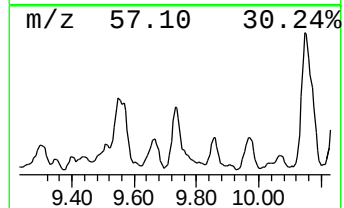
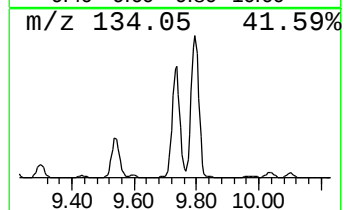
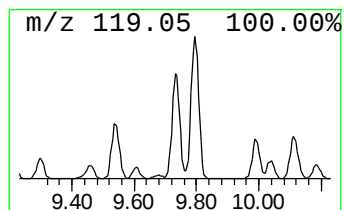
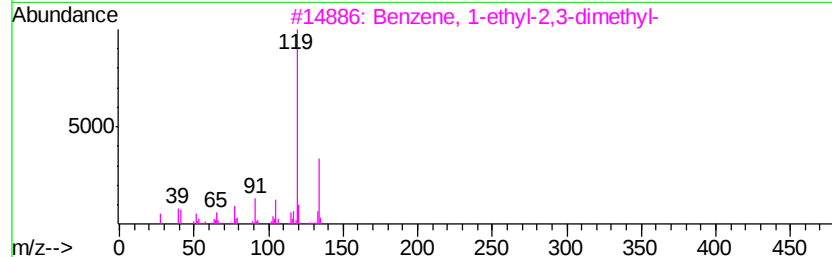
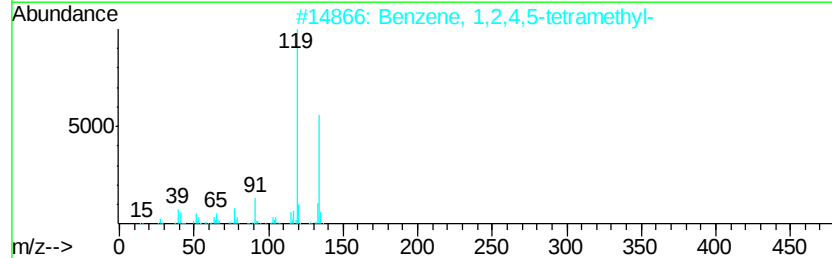
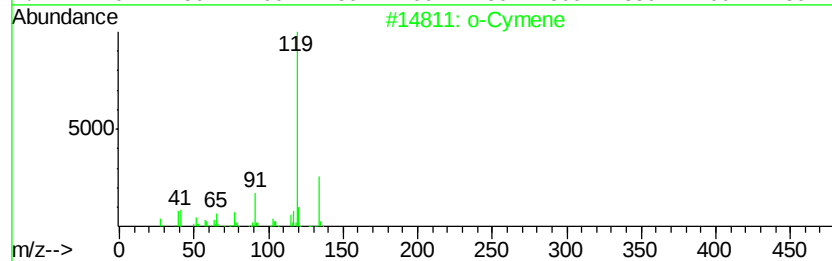
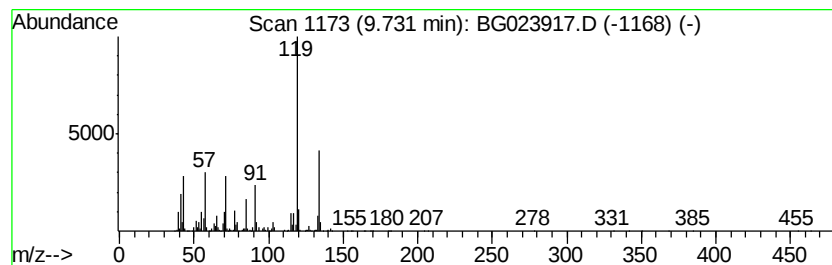
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	30.13 ng	4113550	Napthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
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Acq On : 26 Aug 2016 7:37
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ALS Vial : 23 Sample Multiplier: 1

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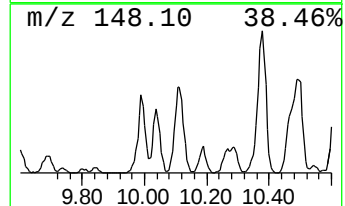
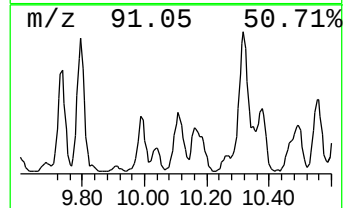
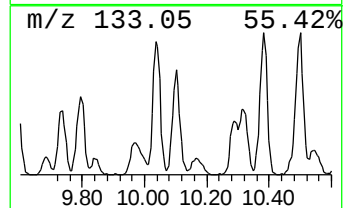
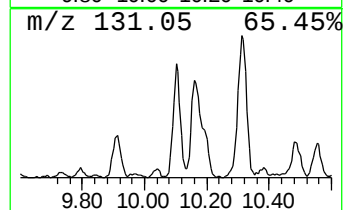
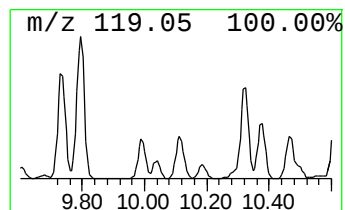
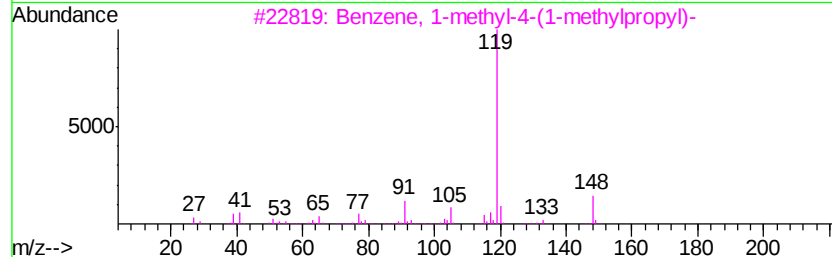
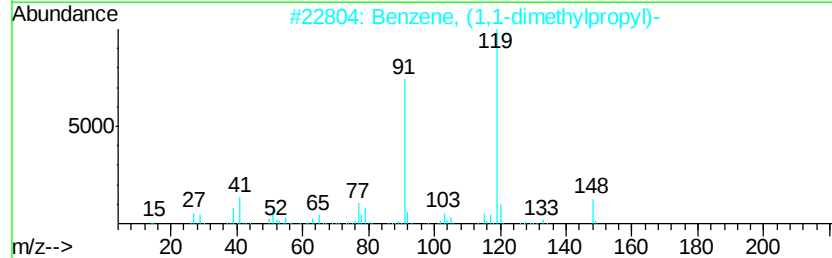
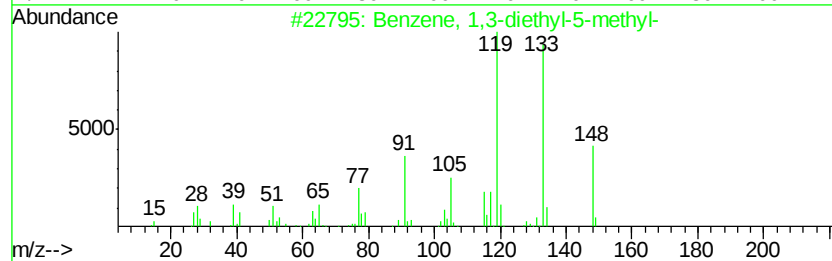
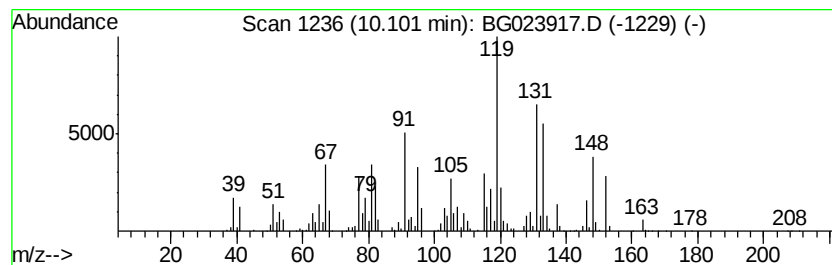
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown10.10 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	24.70 ng	3371920	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	43
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
3		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
4		4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	30
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	30



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023917.D
Acq On : 26 Aug 2016 7:37
Operator : UM/SJ
Sample : H4592-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-4

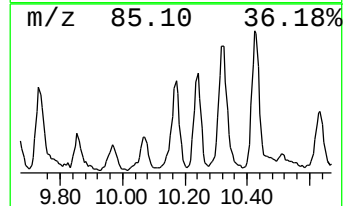
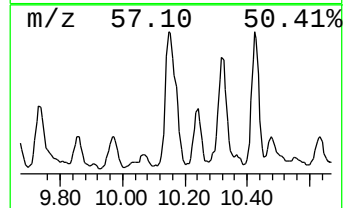
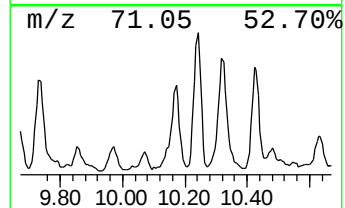
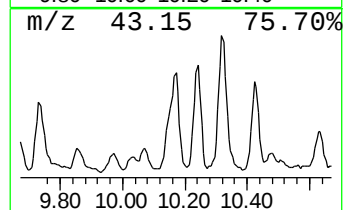
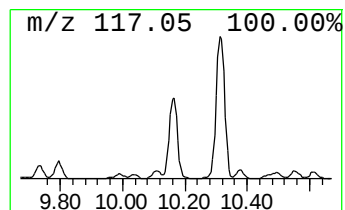
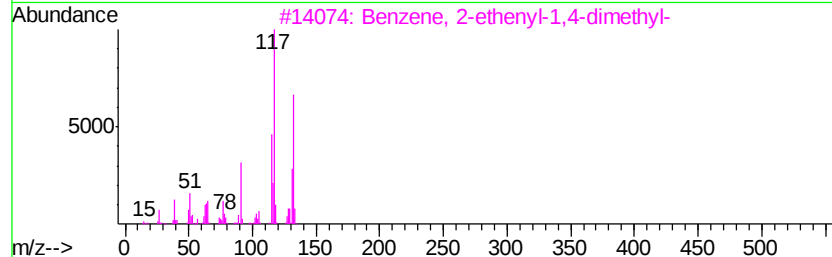
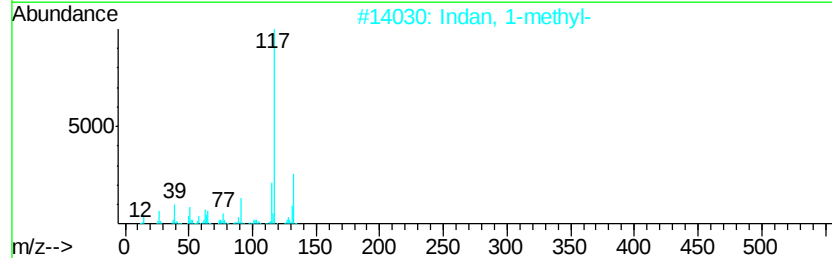
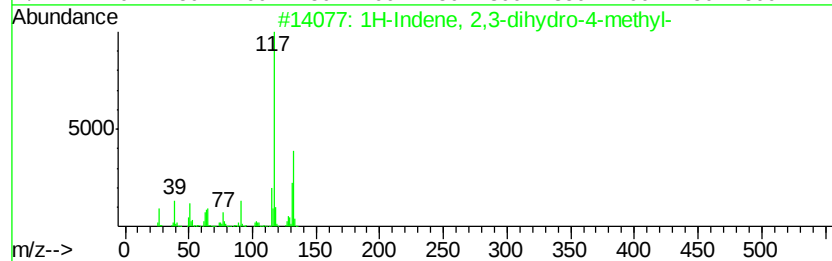
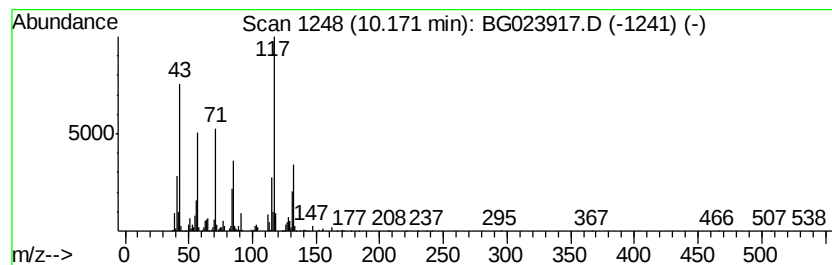
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	37.82 ng	5163410	Napthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
2		Indan, 1-methyl-	132	C10H12	000767-58-8	70
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	62
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
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Acq On : 26 Aug 2016 7:37
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Sample : H4592-09
Misc :
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ClientSampleId :
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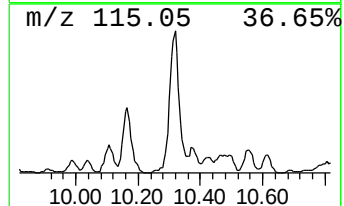
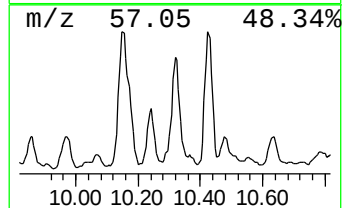
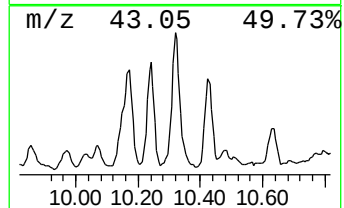
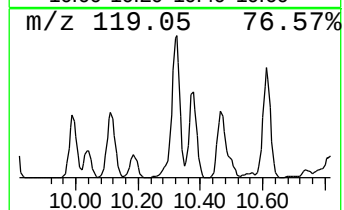
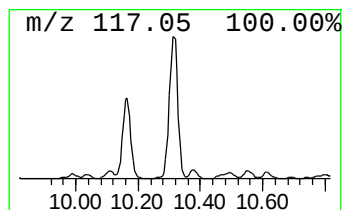
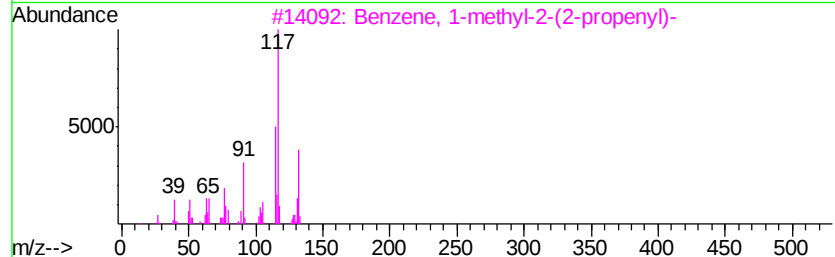
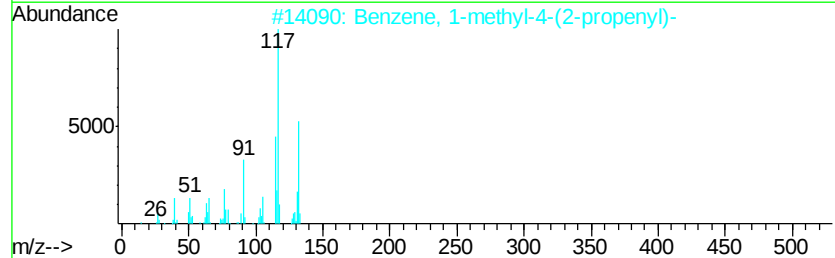
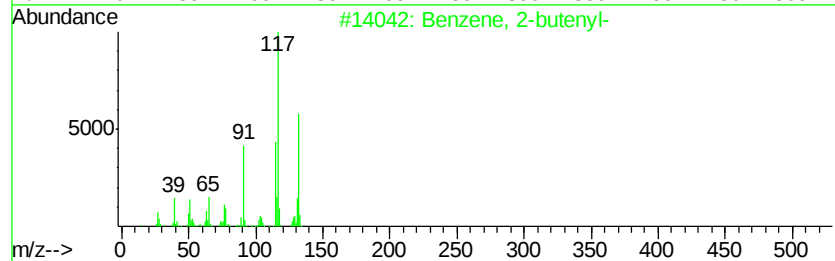
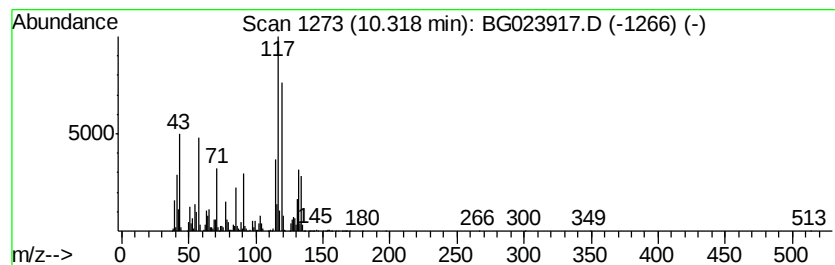
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 2-butenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	67.26 ng	9183280	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
2		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	51
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	51
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	50



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Misc :
ALS Vial : 23 Sample Multiplier: 1

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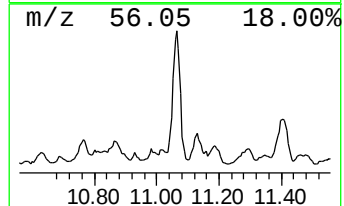
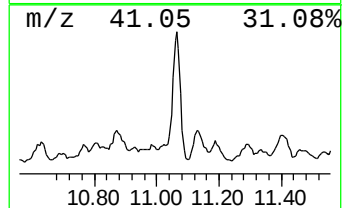
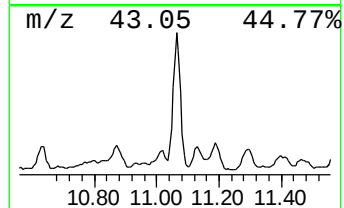
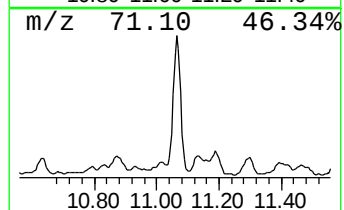
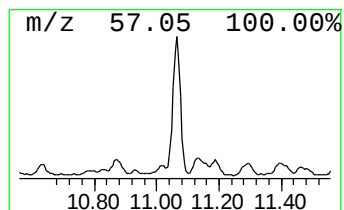
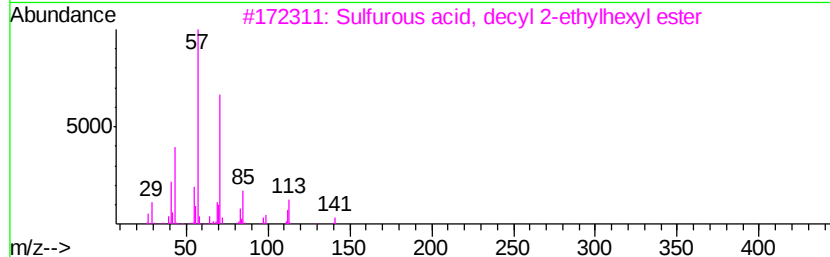
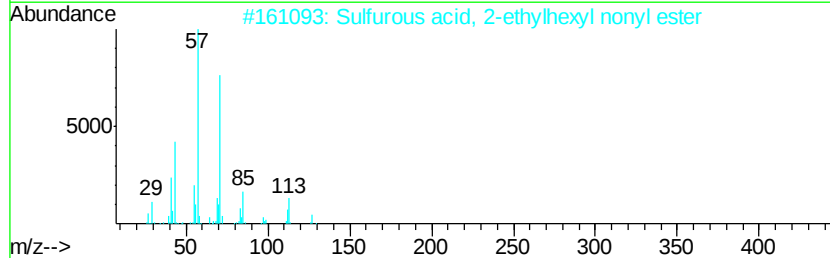
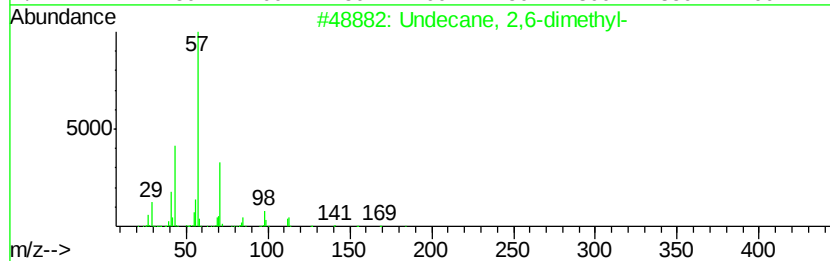
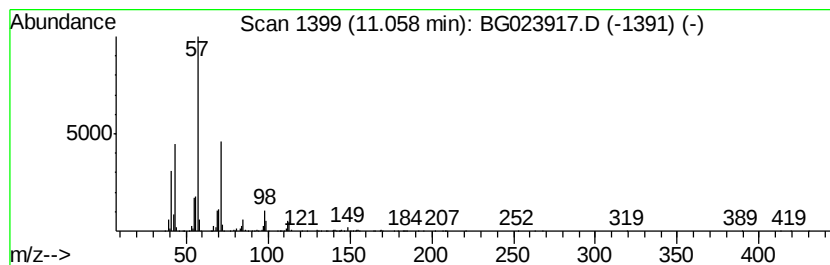
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	60.50 ng	8261440	Naphthalene-d8	10.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95	
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72	
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64	
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64	
5	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
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Misc :
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Instrument :
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ClientSampleId :
MW-4

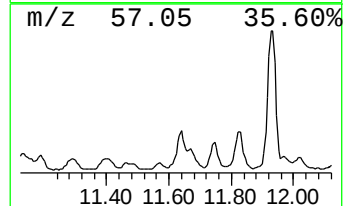
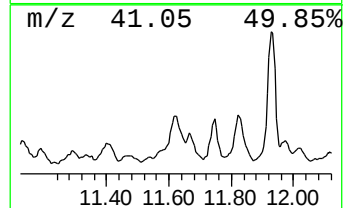
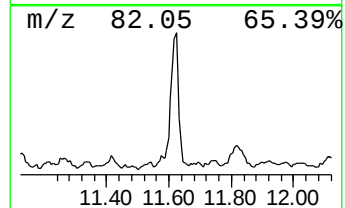
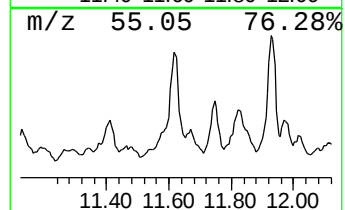
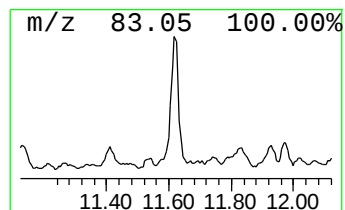
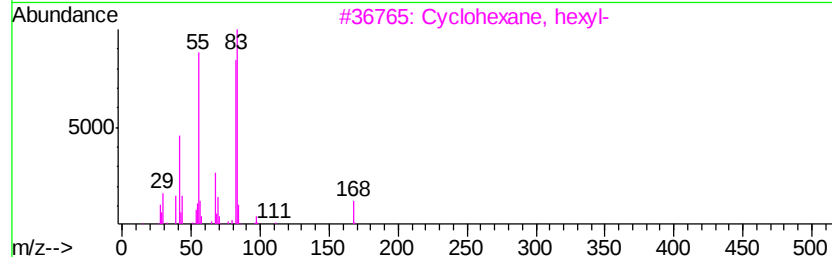
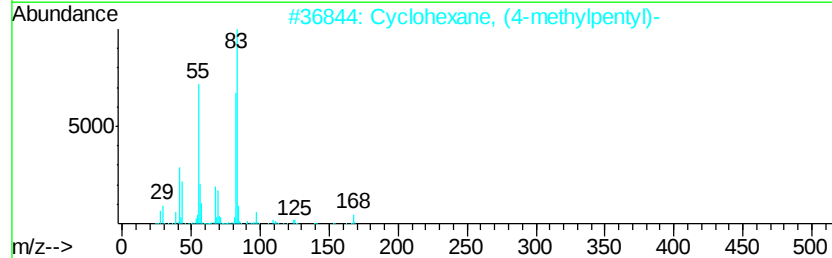
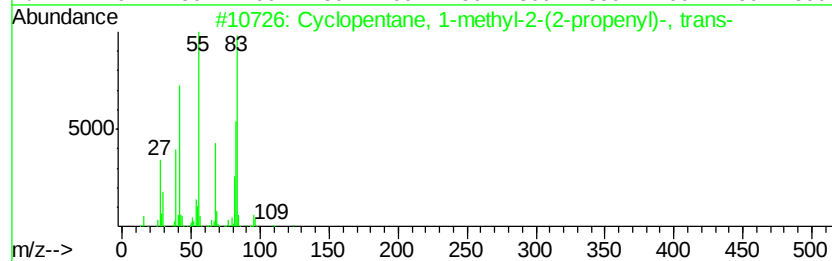
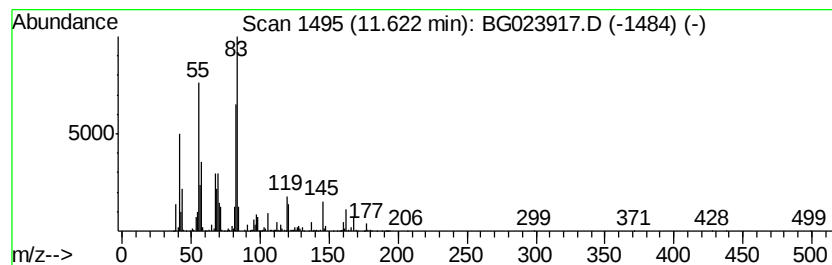
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopentane, 1-methyl-2-(2... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	34.99 ng	4777930	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	70
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	58
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	53
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	50
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
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Misc :
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Instrument :
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ClientSampleId :
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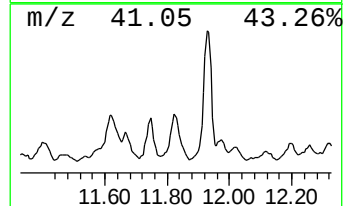
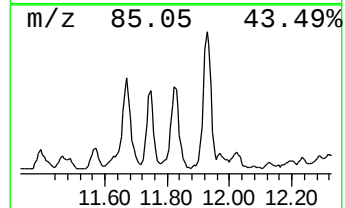
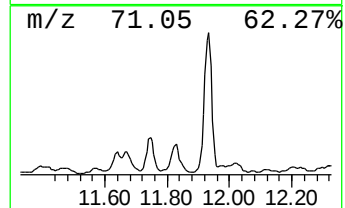
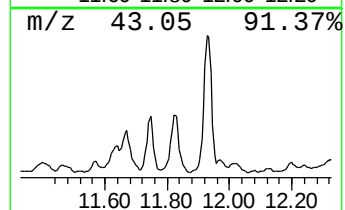
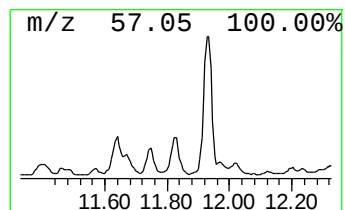
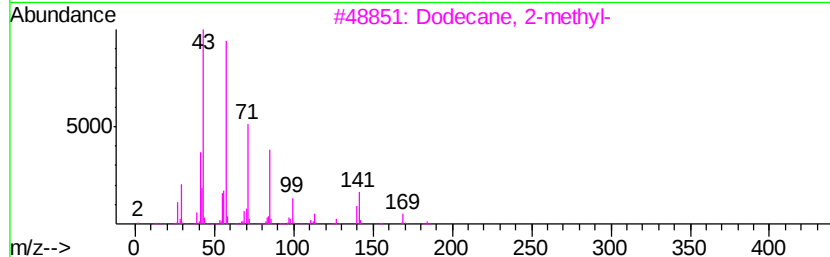
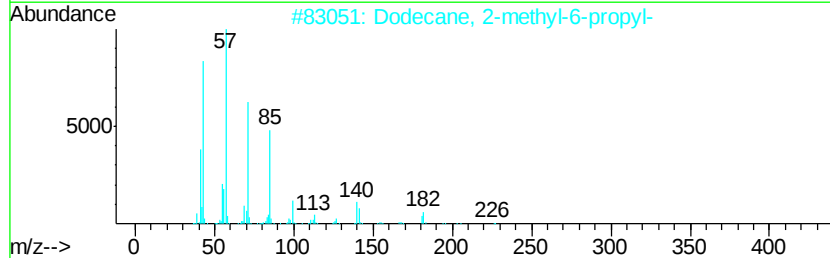
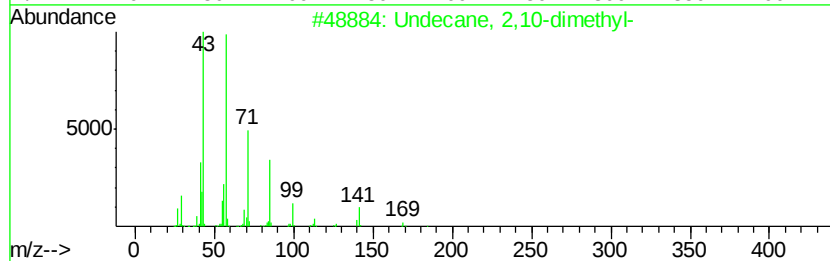
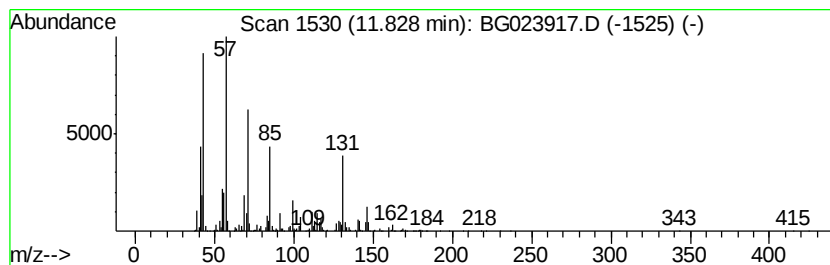
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Undecane, 2,10-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	32.13 ng	4387750	Napthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	64
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	52
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	49
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023917.D
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ClientSampleId :
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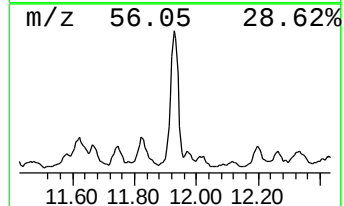
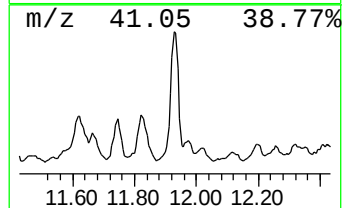
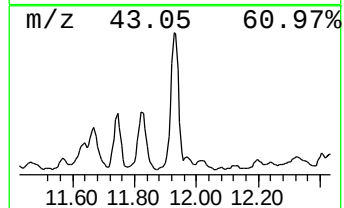
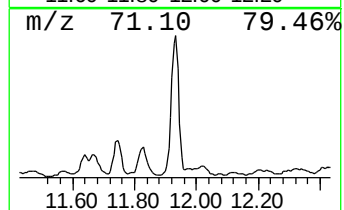
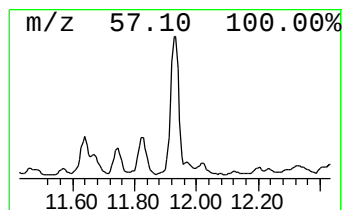
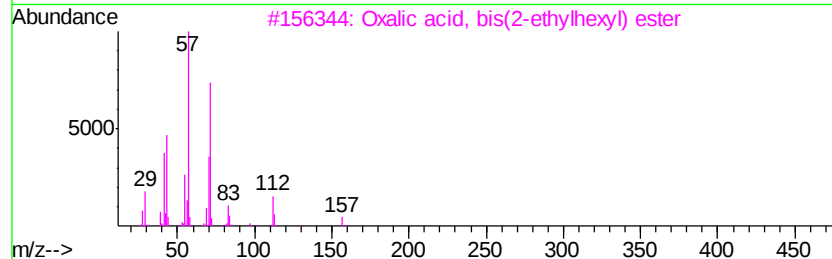
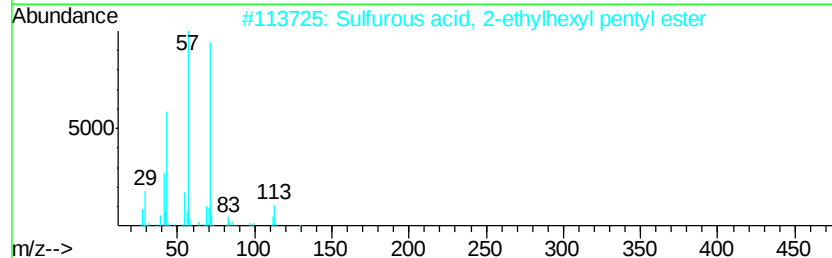
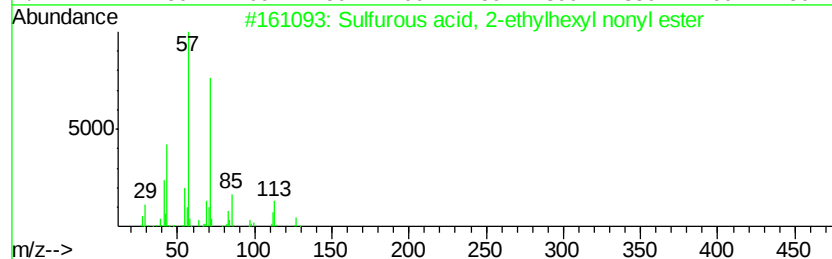
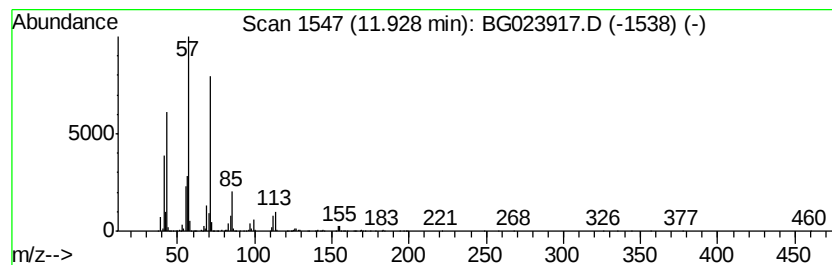
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Sulfurous acid, 2-ethylhexy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	61.64 ng	8416330	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
2		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
3		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59
4		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	58
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
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Operator : UM/SJ
Sample : H4592-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-4

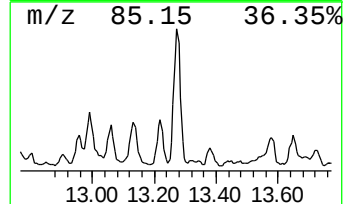
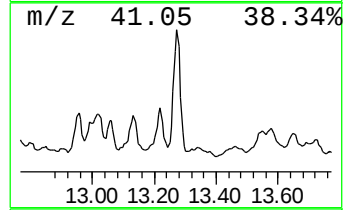
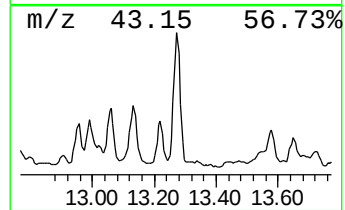
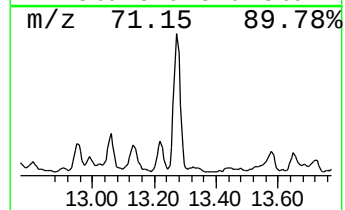
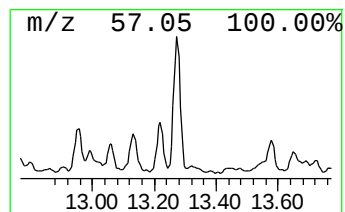
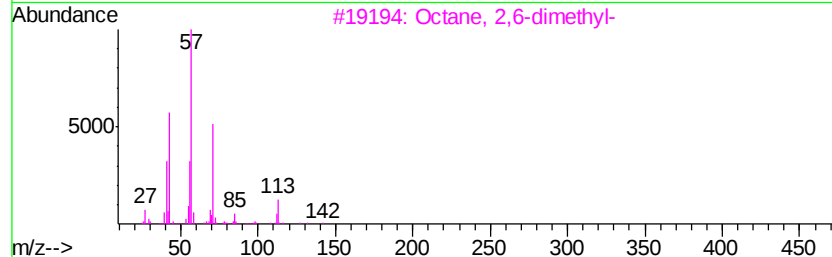
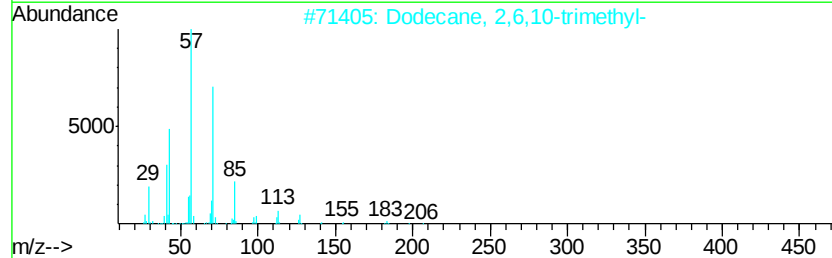
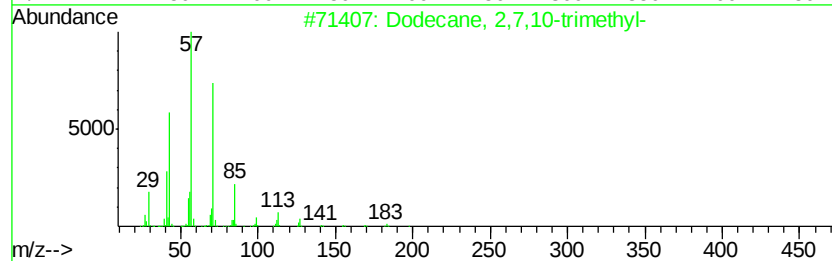
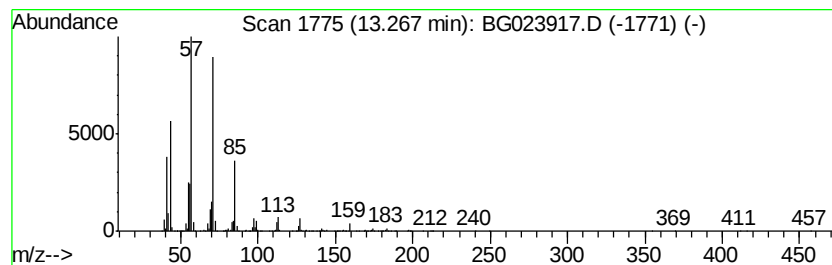
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dodecane, 2,7,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	58.05 ng	6267930	Acenaphthene-d10	14.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
4		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023917.D
 Acq On : 26 Aug 2016 7:37
 Operator : UM/SJ
 Sample : H4592-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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
Benzene, 1,3-dime...	5.72	30.8	ng	3110240	1	8.09	2019870	20.0
Decane, 2,6,7-tri...	7.05	22.1	ng	2232810	1	8.09	2019870	20.0
Benzene, 1-ethyl-...	7.47	37.8	ng	3813760	1	8.09	2019870	20.0
Benzene, 1,2,3-tr...	7.73	25.7	ng	2594800	1	8.09	2019870	20.0
Indane	8.47	27.8	ng	2803840	1	8.09	2019870	20.0
Benzene, 1,3-diet...	8.73	59.7	ng	6029590	1	8.09	2019870	20.0
Benzene, 2-ethyl-...	9.20	78.8	ng	7955030	1	8.09	2019870	20.0
Benzene, 1-ethyl-...	9.54	28.5	ng	3886260	2	10.93	2730840	20.0
o-Cymene	9.73	30.1	ng	4113550	2	10.93	2730840	20.0
unknown10.10	10.10	24.7	ng	3371920	2	10.93	2730840	20.0
1H-Indene, 2,3-di...	10.17	37.8	ng	5163410	2	10.93	2730840	20.0
Benzene, 2-butenyl-	10.32	67.3	ng	9183280	2	10.93	2730840	20.0
Undecane, 2,6-dim...	11.06	60.5	ng	8261440	2	10.93	2730840	20.0
Cyclopentane, 1-m...	11.62	35.0	ng	4777930	2	10.93	2730840	20.0
Undecane, 2,10-di...	11.83	32.1	ng	4387750	2	10.93	2730840	20.0
Sulfurous acid, 2...	11.93	61.6	ng	8416330	2	10.93	2730840	20.0
Dodecane, 2,7,10-...	13.27	58.0	ng	6267930	3	14.77	2159540	20.0