

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
 Data File : BG039562.D
 Acq On : 19 Feb 2019 19:43
 Operator : JU/SJ
 Sample : K1528-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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	3.223	17	23	31	rBV	273820	521213	2.36%	0.259%
2	3.293	31	35	43	rVB	155868	239116	1.08%	0.119%
3	3.370	43	48	57	rBV3	128372	286229	1.30%	0.142%
4	3.828	122	126	134	rVB	176266	308931	1.40%	0.153%
5	4.086	165	170	176	rVV	237677	420920	1.90%	0.209%
6	4.327	202	211	225	rBV	9028961	17964345	81.28%	8.919%
7	4.615	254	260	273	rVB5	118322	260746	1.18%	0.129%
8	5.667	427	439	445	rBV	9147700	18522169	83.81%	9.196%
9	5.725	445	449	453	rVB	414771	630756	2.85%	0.313%
10	5.808	453	463	465	rBV	9423670	22101030	100.00%	10.973%
11	6.166	514	524	533	rBV	5200645	9007033	40.75%	4.472%
12	6.636	593	604	612	rBV	958065	1589997	7.19%	0.789%
13	7.129	675	688	695	rBV	2146316	3825430	17.31%	1.899%
14	7.247	699	708	713	rVV	6472790	12100886	54.75%	6.008%
15	7.306	713	718	724	rVV	3671333	6108513	27.64%	3.033%
16	7.376	724	730	742	rVB	3368299	5663470	25.63%	2.812%
17	7.546	751	759	766	rBV	3308497	5560735	25.16%	2.761%
18	7.699	776	785	792	rBV	906451	1583002	7.16%	0.786%
19	7.817	795	805	812	rVB	7975015	15577195	70.48%	7.734%
20	8.181	858	867	876	rVB2	299253	753541	3.41%	0.374%
21	8.275	876	883	891	rBV	2319740	3974360	17.98%	1.973%
22	8.492	913	920	924	rBV	738979	1393906	6.31%	0.692%
23	8.545	924	929	937	rVB2	4024929	7338887	33.21%	3.644%
24	8.645	940	946	951	rBV	488389	763301	3.45%	0.379%
25	8.704	951	956	964	rVB2	1029035	1701807	7.70%	0.845%
26	8.792	964	971	977	rBV	1532271	2727600	12.34%	1.354%
27	8.962	987	1000	1011	rVB	353303	706464	3.20%	0.351%
28	9.109	1011	1025	1030	rBV	884457	1551225	7.02%	0.770%
29	9.162	1030	1034	1043	rVB	758099	1229211	5.56%	0.610%
30	9.268	1043	1052	1059	rBV2	1569593	2914653	13.19%	1.447%
31	9.356	1059	1067	1076	rVB2	1939551	3493549	15.81%	1.735%
32	9.597	1102	1108	1115	rBV	358358	663255	3.00%	0.329%
33	9.790	1134	1141	1146	rBV	770942	1311809	5.94%	0.651%
34	9.849	1146	1151	1159	rVB	1127108	1861239	8.42%	0.924%

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

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

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35	10.161	1197	1204	1208	rBV4	154663	309685	1.40%	0.154%
36	10.219	1208	1214	1221	rBV	1359638	2500131	11.31%	1.241%
37	10.325	1226	1232	1235	rVV3	334980	859458	3.89%	0.427%
38	10.372	1235	1240	1254	rVV	2413992	4861099	21.99%	2.413%
39	10.490	1254	1260	1267	rVV2	156845	533673	2.41%	0.265%
40	10.613	1275	1281	1286	rVV	511335	921695	4.17%	0.458%
41	10.959	1331	1340	1343	rVV	362504	915220	4.14%	0.454%
42	11.001	1343	1347	1348	rVV	348934	543275	2.46%	0.270%
43	11.053	1348	1356	1368	rVV	4438041	9922940	44.90%	4.927%
44	11.165	1368	1375	1383	rVB2	345934	693177	3.14%	0.344%
45	11.635	1450	1455	1461	rVB	169564	264069	1.19%	0.131%
46	11.888	1469	1498	1502	rBV2	790474	3863127	17.48%	1.918%
47	12.076	1525	1530	1540	rVB2	153684	324858	1.47%	0.161%
48	12.158	1540	1544	1557	rVB5	118477	285649	1.29%	0.142%
49	12.352	1571	1577	1585	rVB2	126386	245946	1.11%	0.122%
50	12.522	1599	1606	1613	rVB2	102094	227761	1.03%	0.113%
51	12.634	1618	1625	1633	rVB	1828684	3115001	14.09%	1.547%
52	12.851	1651	1662	1676	rBV	787342	1530411	6.92%	0.760%
53	12.992	1676	1686	1699	rVV	295994	732421	3.31%	0.364%
54	13.415	1750	1758	1765	rBV	1974337	3066620	13.88%	1.523%
55	13.621	1788	1793	1801	rBV2	165251	260645	1.18%	0.129%
56	14.790	1982	1992	2001	rBV2	502670	840623	3.80%	0.417%
57	16.276	2237	2245	2257	rBV	1523036	2380932	10.77%	1.182%
58	17.533	2452	2459	2469	rBV2	622909	988031	4.47%	0.491%
59	18.385	2599	2604	2611	rBV2	139711	226347	1.02%	0.112%
60	20.129	2895	2901	2910	rBV	2857794	3983781	18.03%	1.978%
61	21.821	3183	3189	3199	rBV2	558071	970830	4.39%	0.482%
62	24.165	3581	3588	3599	rVB2	105005	241005	1.09%	0.120%
63	25.199	3748	3764	3777	rBV4	297656	1148322	5.20%	0.570%

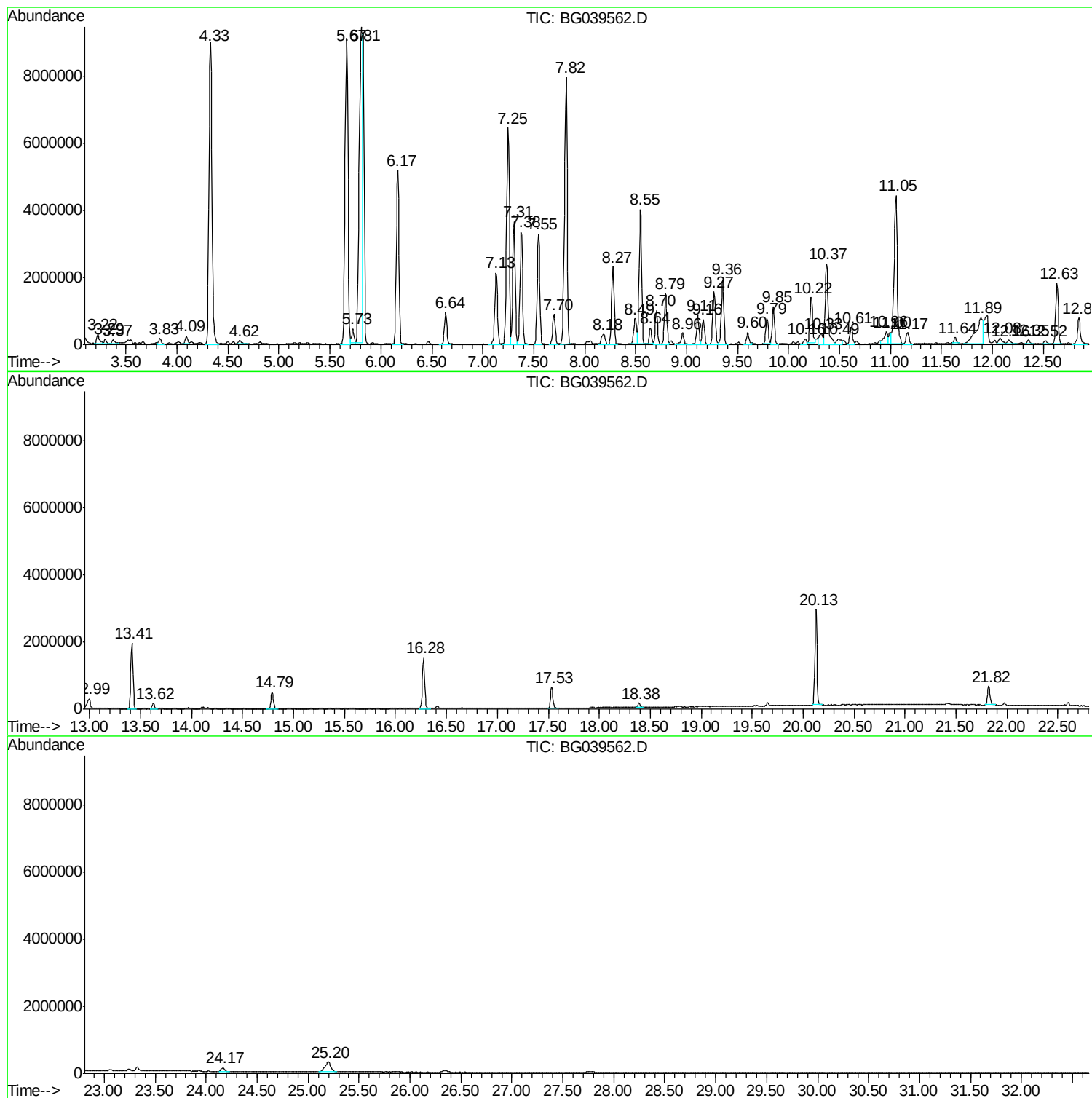
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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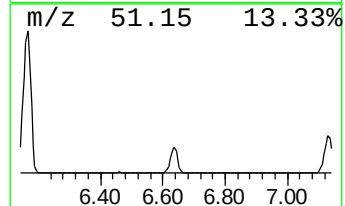
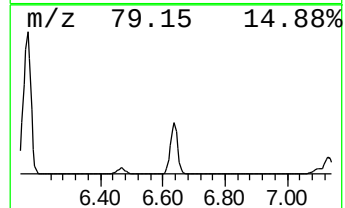
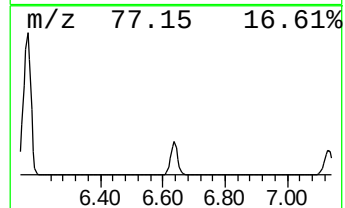
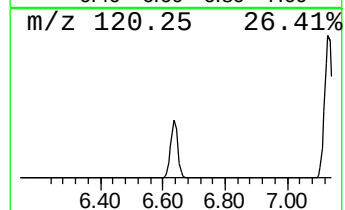
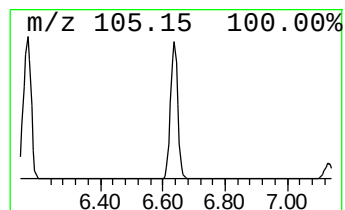
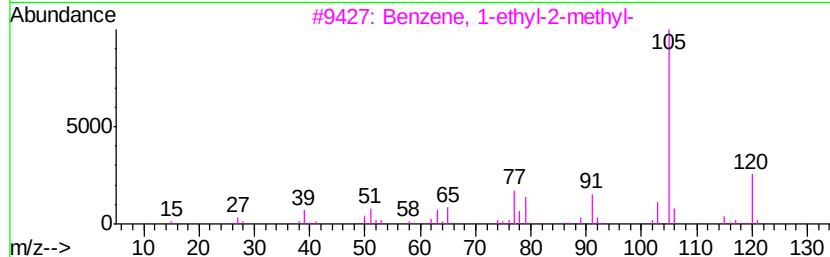
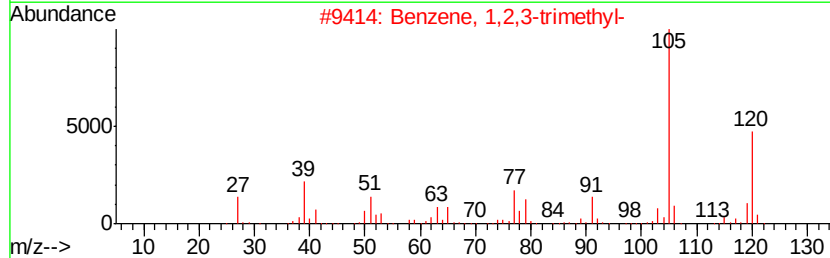
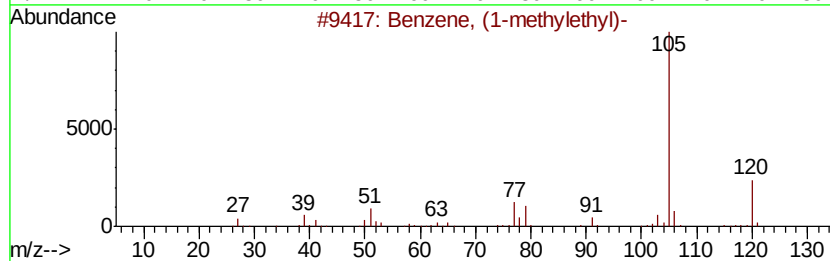
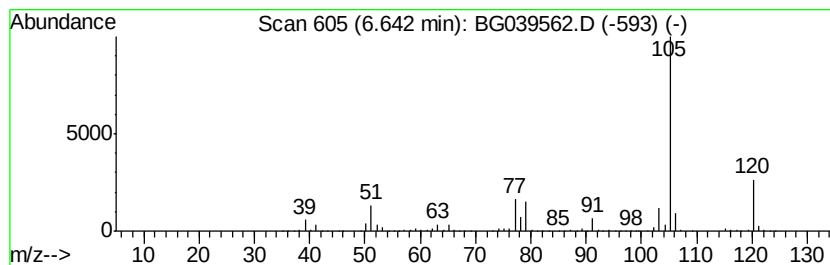
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	42.20 ng	1590000	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72



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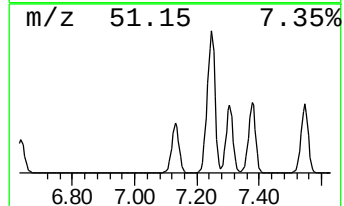
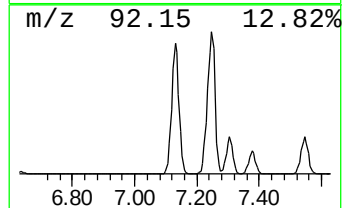
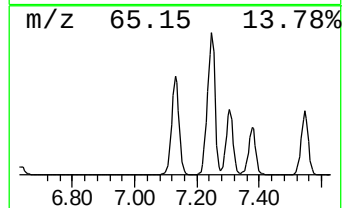
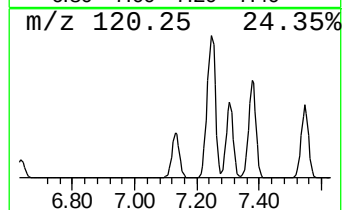
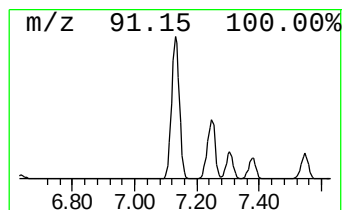
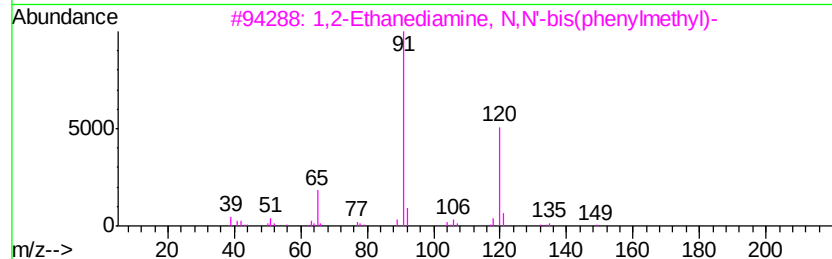
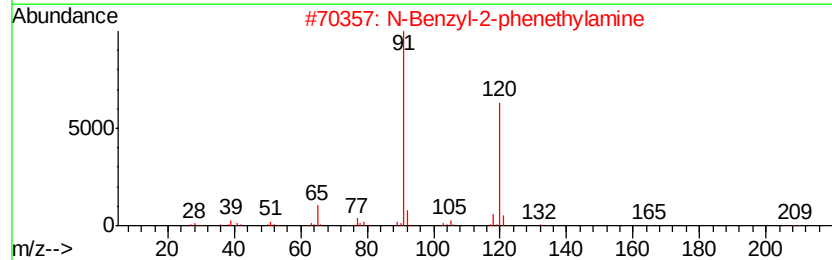
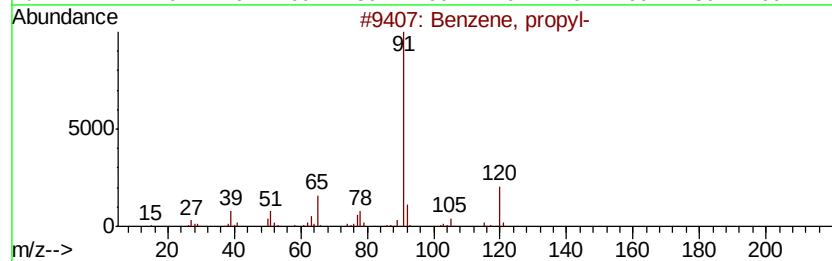
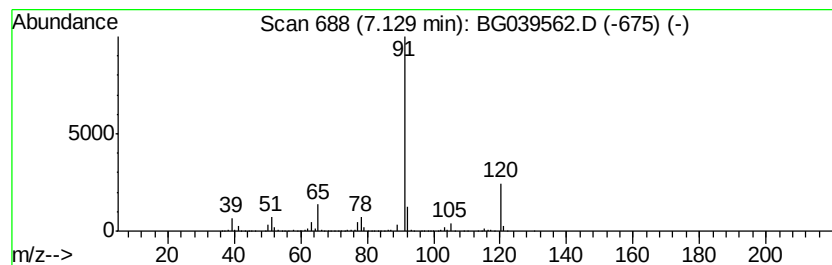
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	101.53 ng	3825430	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	94
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3		1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
4		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5		Propanenitrile, 3-[(phenylmethyl)...	160	C10H12N2	000706-03-6	59



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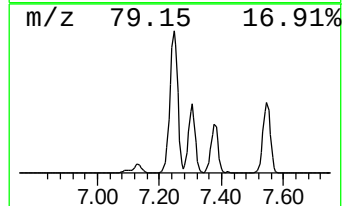
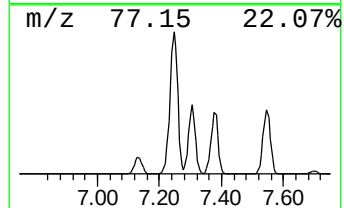
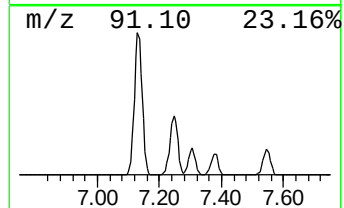
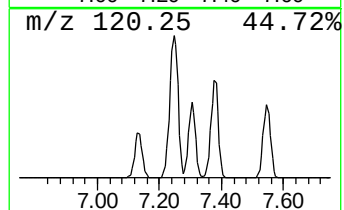
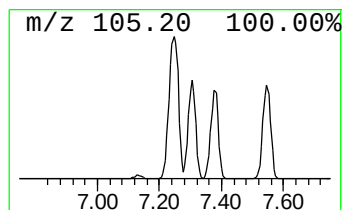
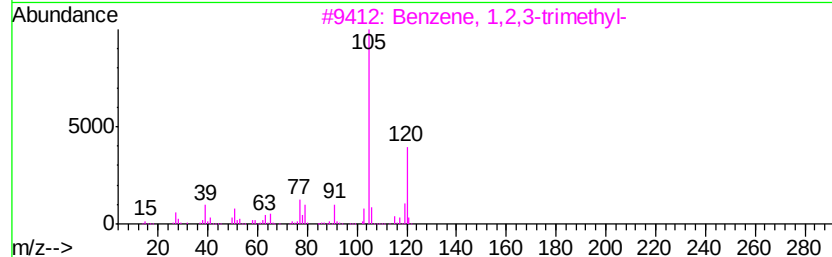
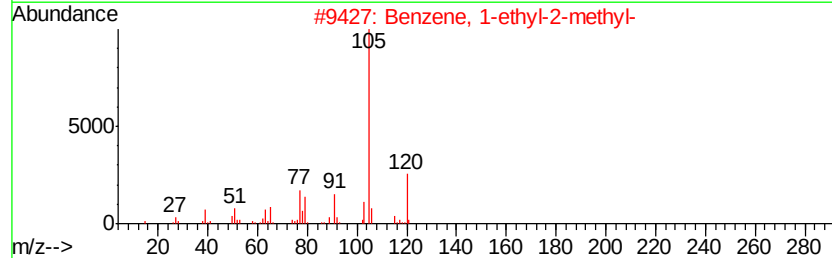
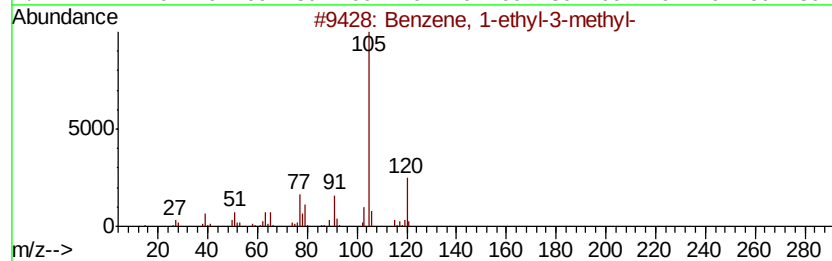
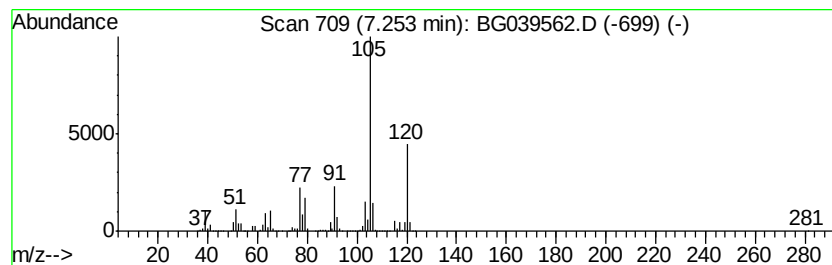
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	321.17 ng	12100900	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	89
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	80
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	78



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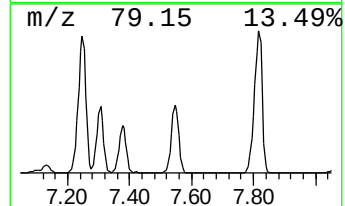
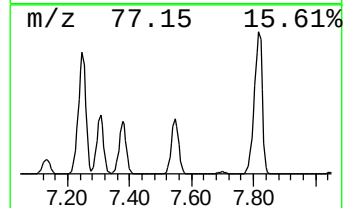
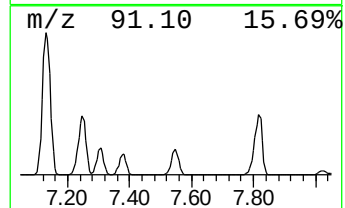
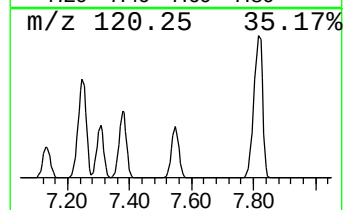
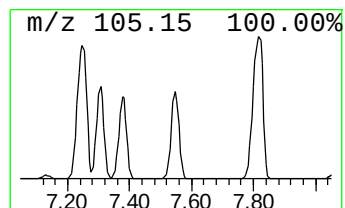
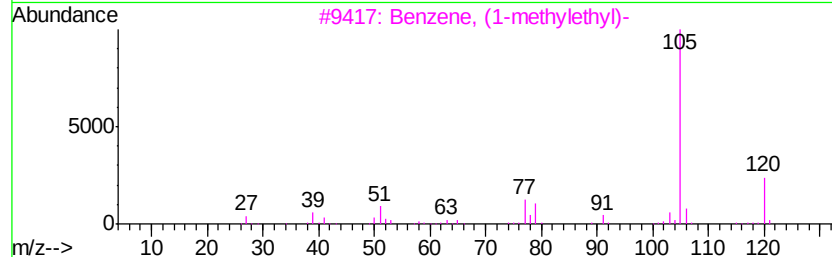
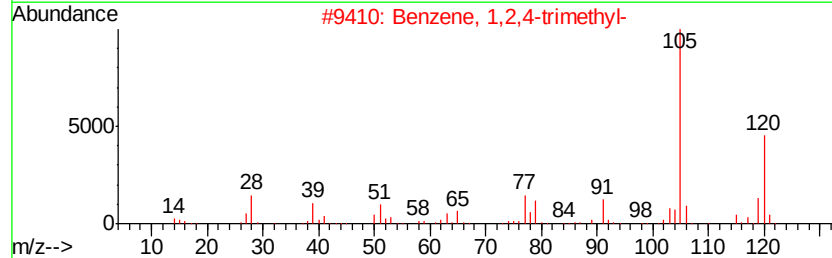
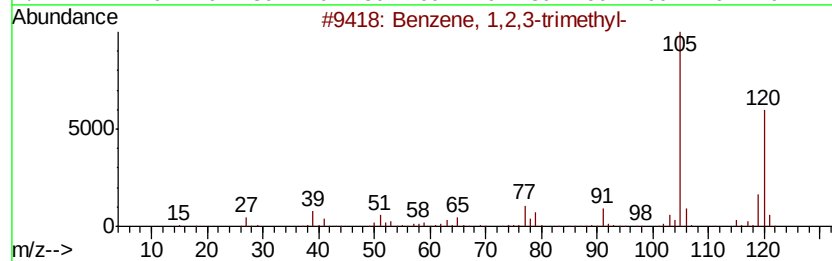
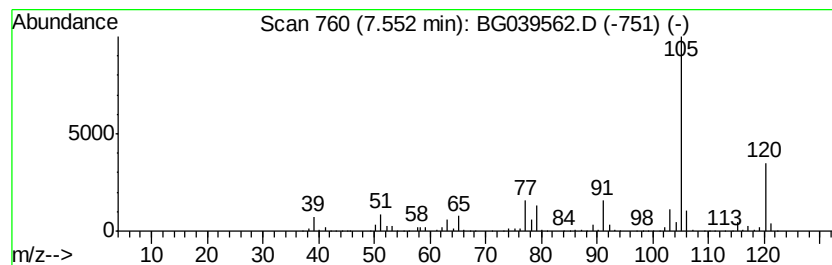
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TIC Library : C:\Database\NIST11.L
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Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	147.59 ng	5560740	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



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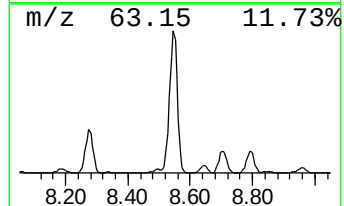
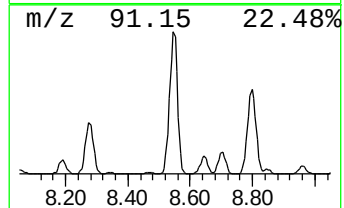
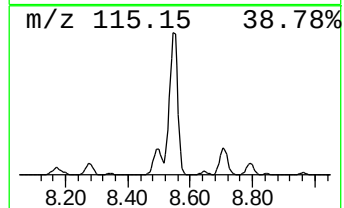
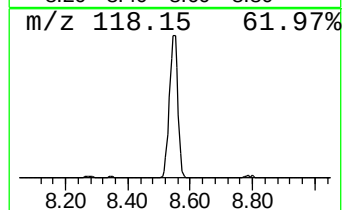
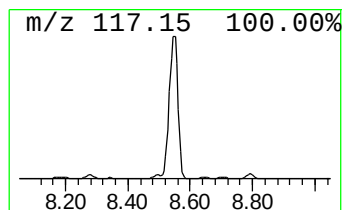
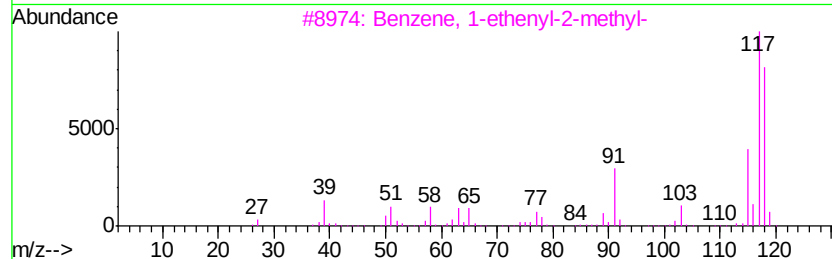
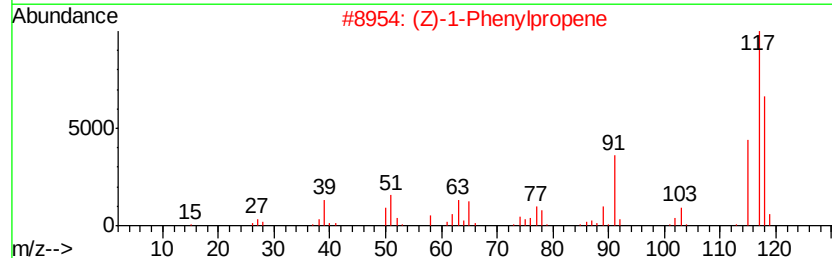
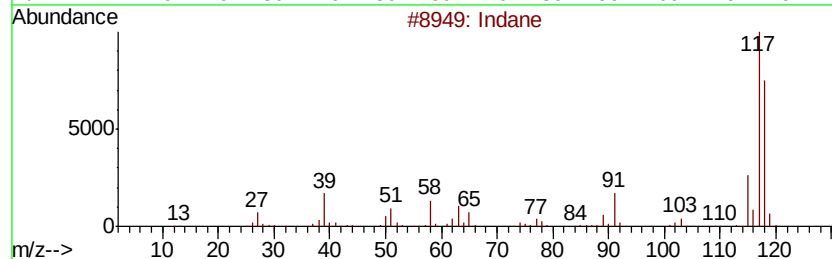
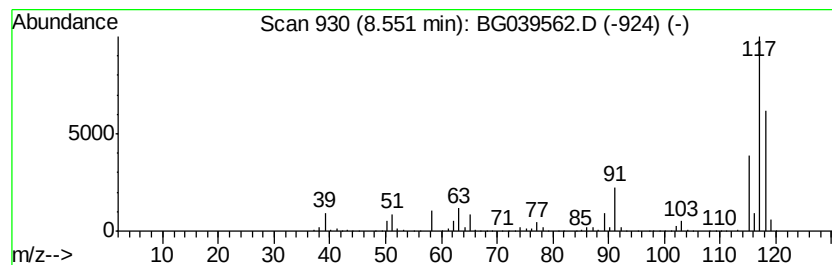
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	194.78 ng	7338890	1,4-Dichlorobenzene-d4	8.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	94
2	(Z)-1-Phenylpropene		118	C9H10	000766-90-5	83
3	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	70
4	Benzene, 2-propenyl-		118	C9H10	000300-57-2	64
5	Benzene, cyclopropyl-		118	C9H10	000873-49-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039562.D
Acq On : 19 Feb 2019 19:43
Operator : JU/SJ
Sample : K1528-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1

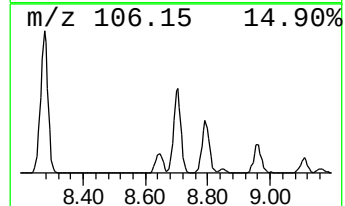
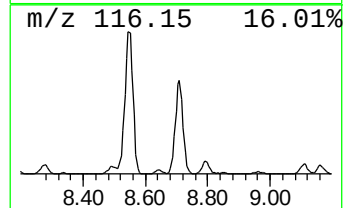
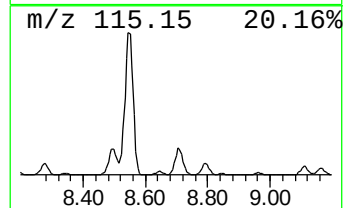
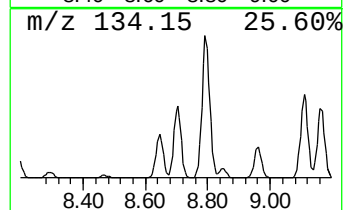
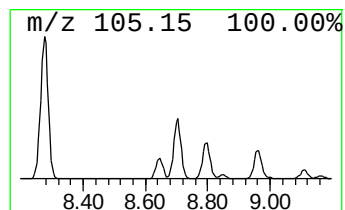
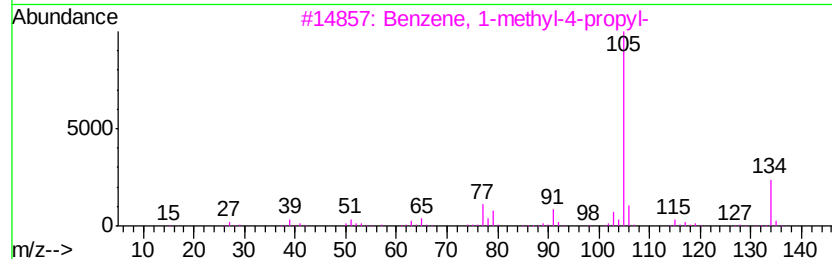
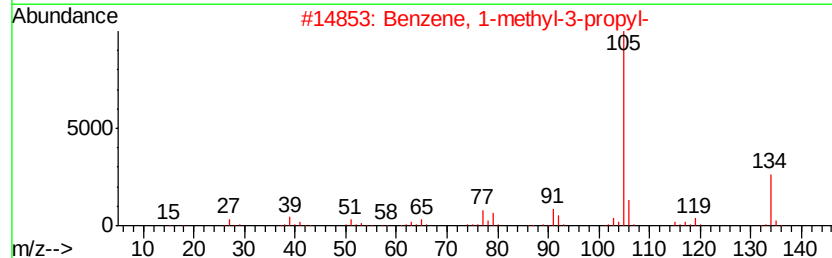
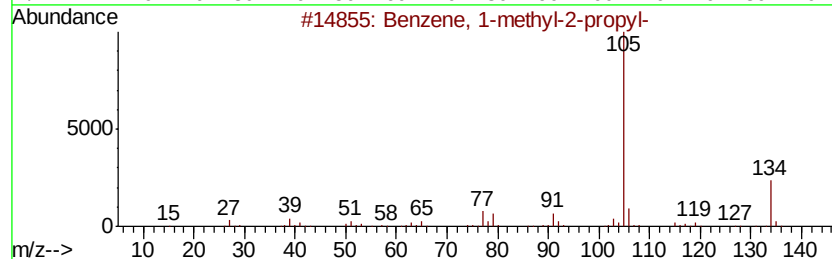
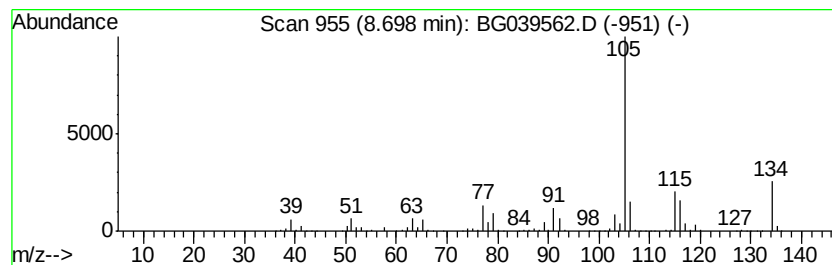
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1-methyl-2-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	45.17 ng	1701810	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	53
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039562.D
Acq On : 19 Feb 2019 19:43
Operator : JU/SJ
Sample : K1528-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1

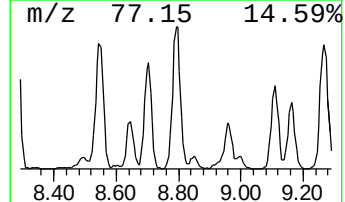
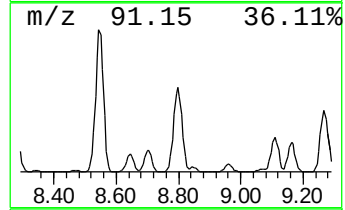
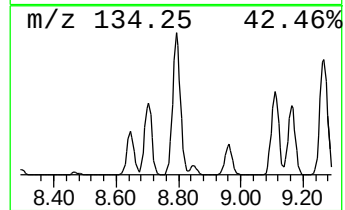
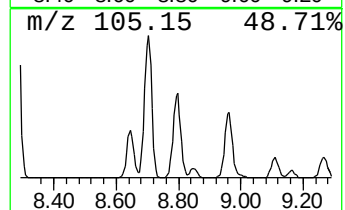
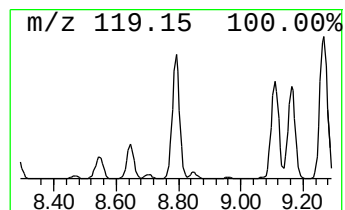
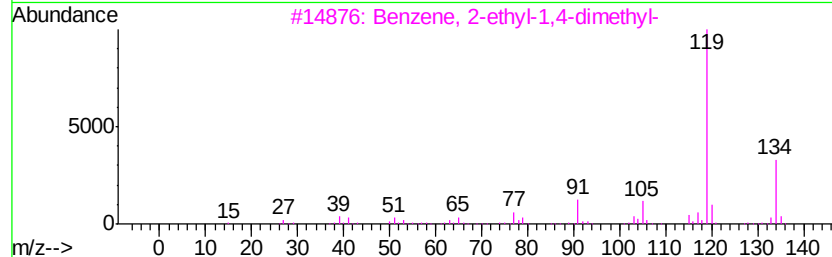
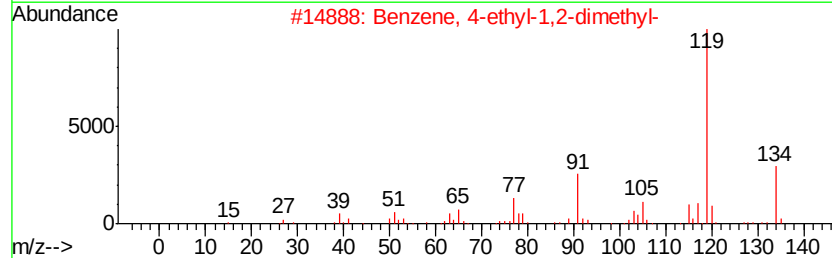
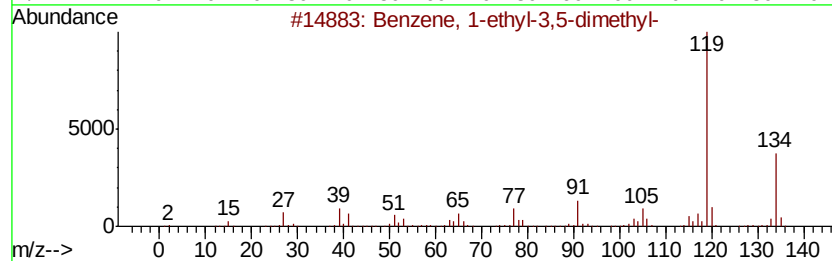
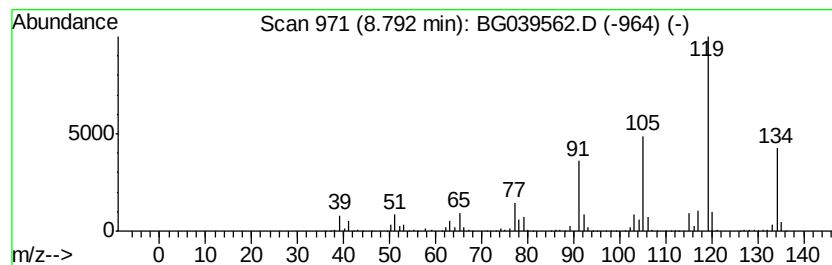
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	72.39 ng	2727600	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039562.D
Acq On : 19 Feb 2019 19:43
Operator : JU/SJ
Sample : K1528-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1

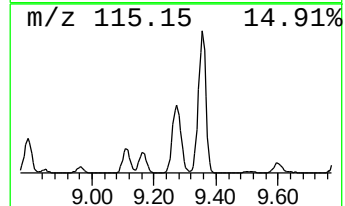
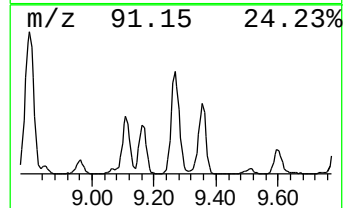
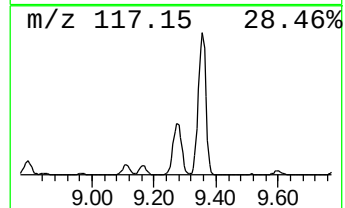
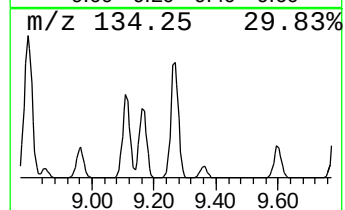
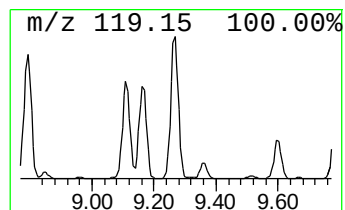
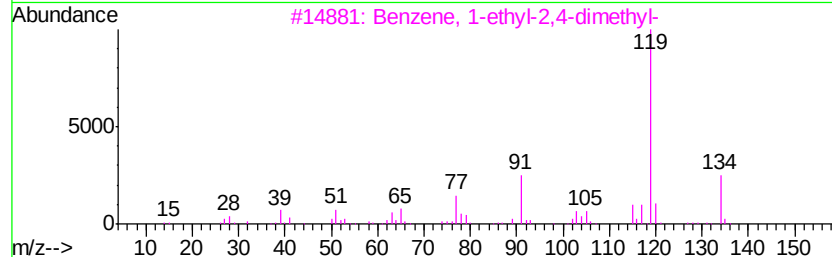
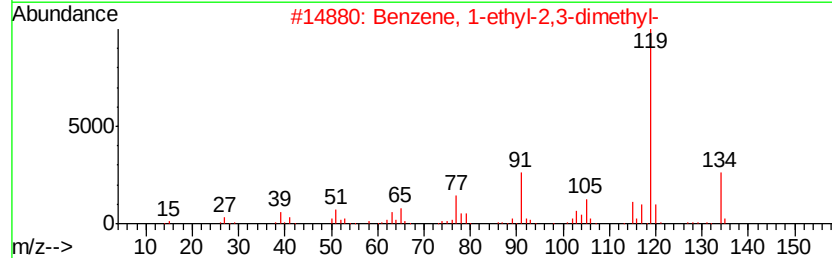
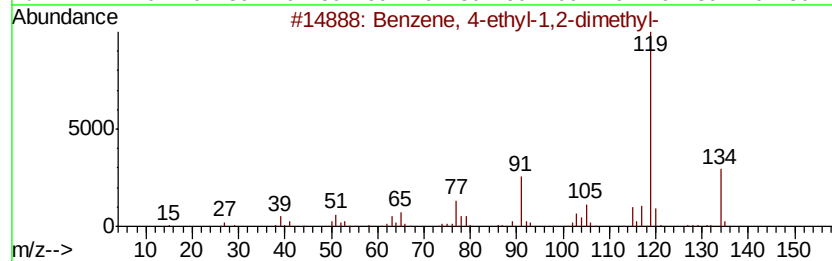
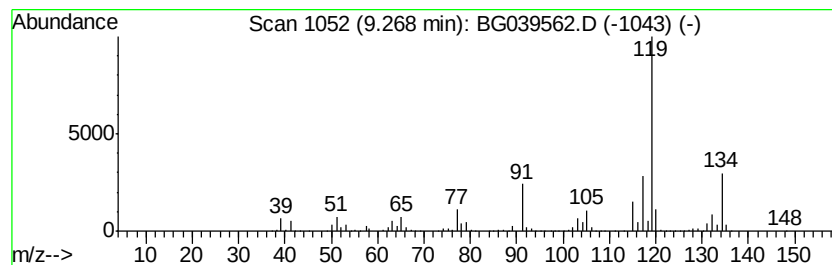
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	77.36 ng	2914650	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039562.D
Acq On : 19 Feb 2019 19:43
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Sample : K1528-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-1

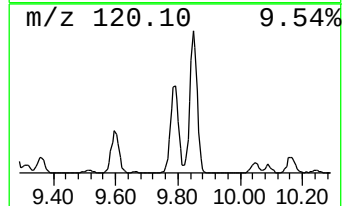
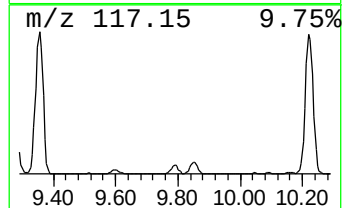
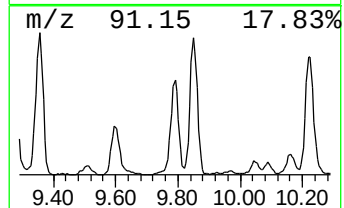
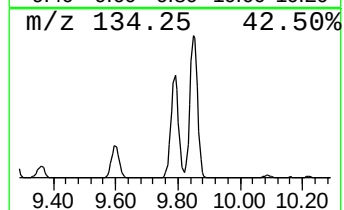
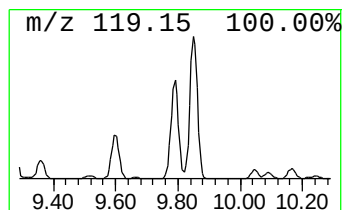
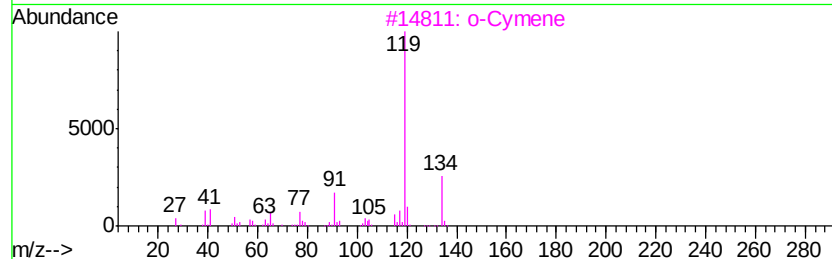
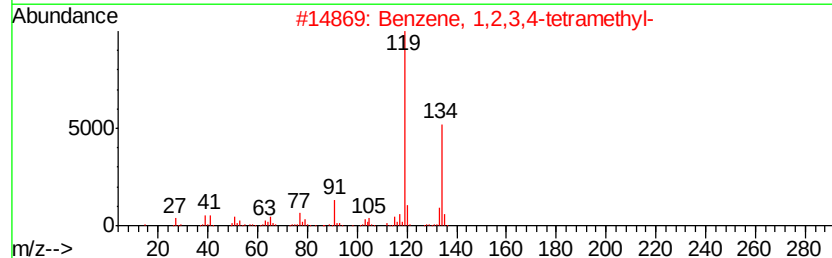
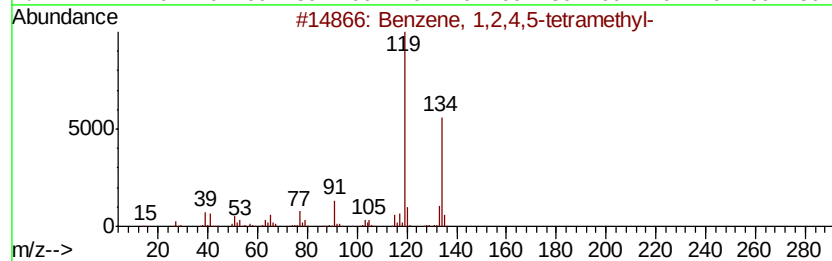
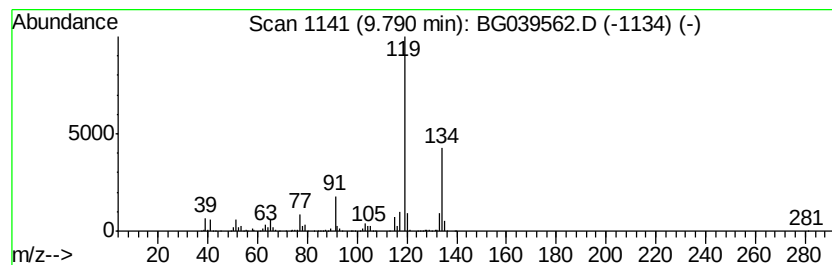
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	48.29 ng	1311810	Naphthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3		o-Cymene	134	C10H14	000527-84-4	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039562.D
Acq On : 19 Feb 2019 19:43
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Sample : K1528-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1

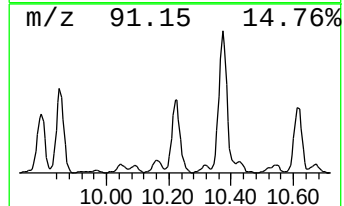
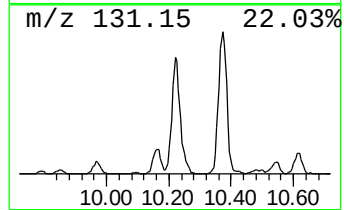
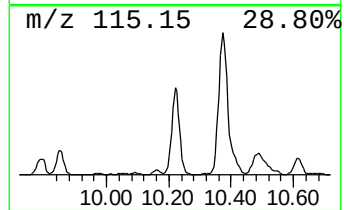
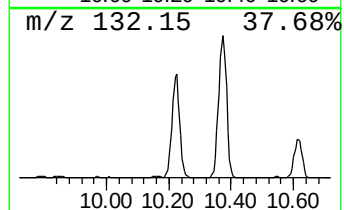
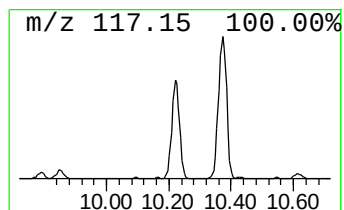
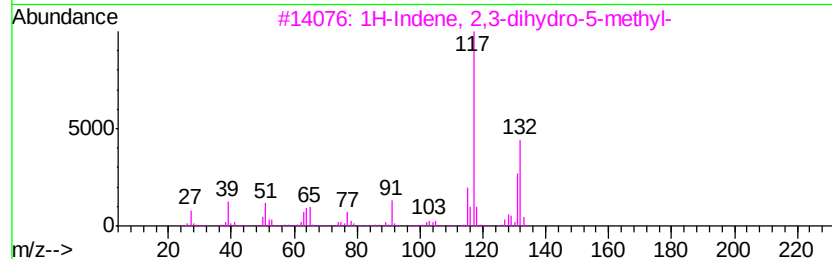
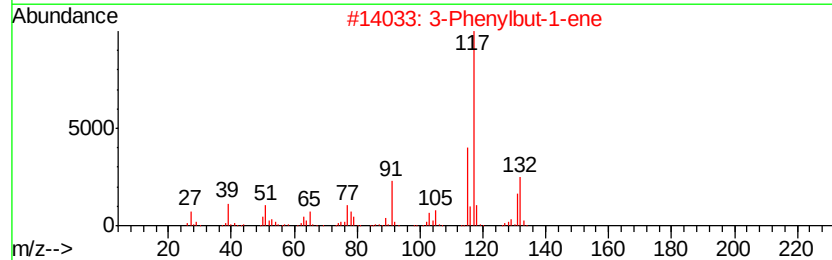
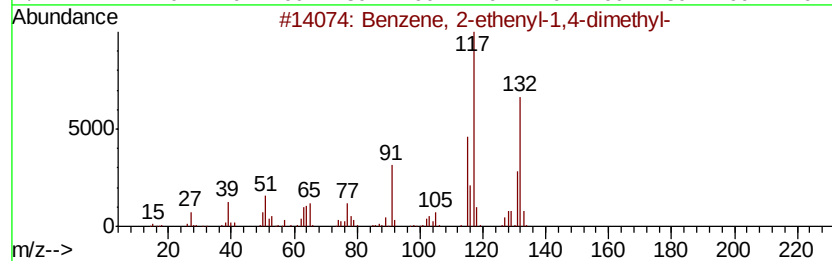
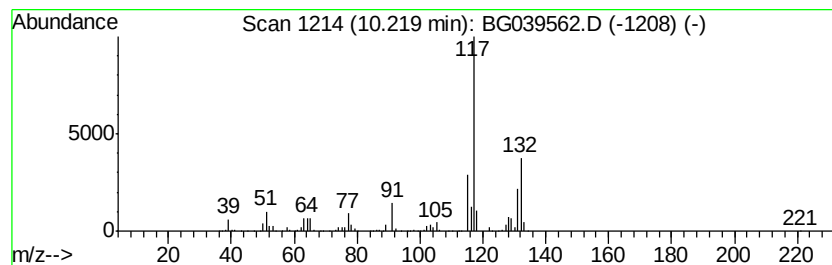
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	92.04 ng	2500130	Naphthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	94
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039562.D
Acq On : 19 Feb 2019 19:43
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Sample : K1528-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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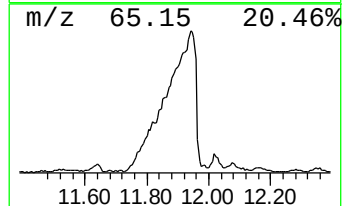
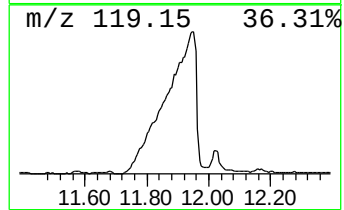
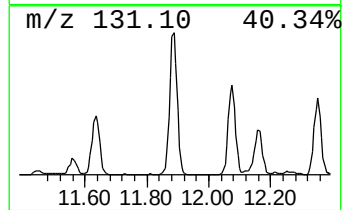
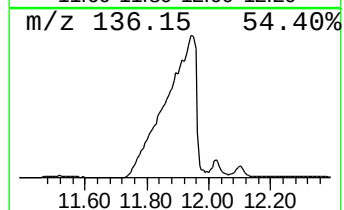
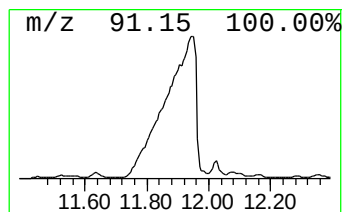
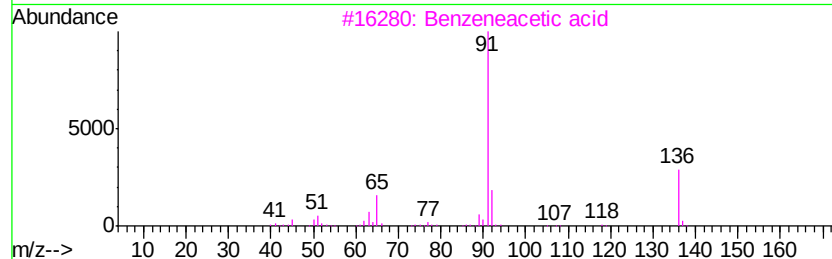
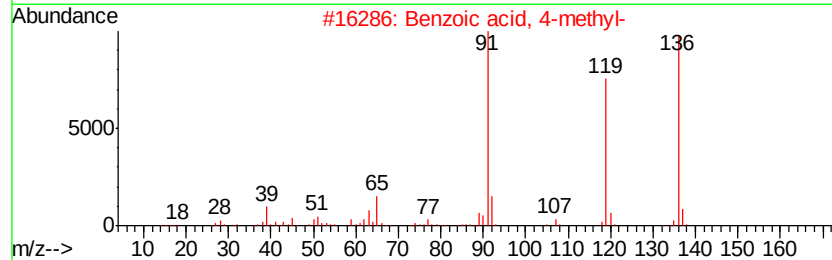
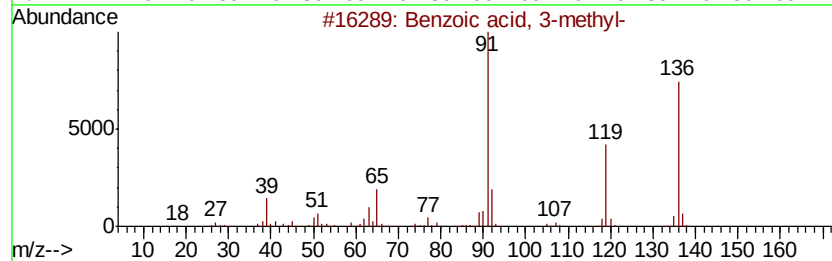
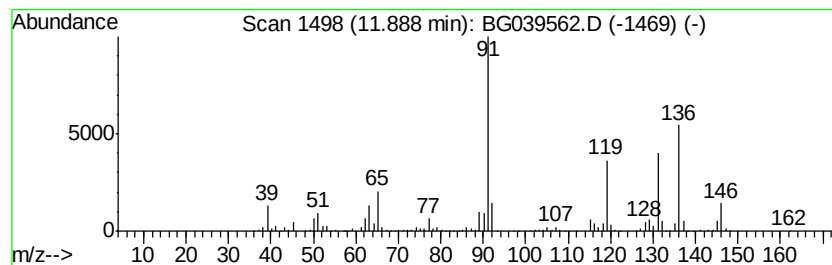
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzoic acid, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	142.22 ng	3863130	Napthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	96
2		Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	64
3		Benzeneacetic acid	136	C8H8O2	000103-82-2	55
4		p-Methylbenzeneboronic acid	136	C7H9BO2	005720-05-8	43
5		Benzenepropanenitrile	131	C9H9N	000645-59-0	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021919\
Data File : BG039562.D
Acq On : 19 Feb 2019 19:43
Operator : JU/SJ
Sample : K1528-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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-methy...	6.64	42.2	ng	1590000	1	8.17	753541	20.0
Benzene, propyl-	7.13	101.5	ng	3825430	1	8.17	753541	20.0
Benzene, 1-ethyl-...	7.25	321.2	ng	12100900	1	8.17	753541	20.0
Benzene, 1,2,3-tr...	7.55	147.6	ng	5560740	1	8.17	753541	20.0
Indane	8.55	194.8	ng	7338890	1	8.17	753541	20.0
Benzene, 1-methyl...	8.70	45.2	ng	1701810	1	8.17	753541	20.0
Benzene, 1-ethyl-...	8.79	72.4	ng	2727600	1	8.17	753541	20.0
Benzene, 4-ethyl-...	9.27	77.4	ng	2914650	1	8.17	753541	20.0
Benzene, 1,2,4,5-...	9.79	48.3	ng	1311810	2	10.99	543275	20.0
Benzene, 2-etheny...	10.22	92.0	ng	2500130	2	10.99	543275	20.0
Benzoic acid, 3-m...	11.89	142.2	ng	3863130	2	10.99	543275	20.0