

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019121.D
 Acq On : 12 Mar 2019 20:44
 Operator : JU/SJ
 Sample : K1842-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR-MW-05_030819

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_M\METHODS\8270-BM031119.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	3.899	133	138	148	rVB	128369	217667	1.01%	0.189%
2	5.187	351	357	364	rBV	3767987	5277943	24.47%	4.589%
3	5.257	364	369	374	rBV	2150385	3180127	14.74%	2.765%
4	5.340	381	383	399	rVB	4026132	4854113	22.50%	4.220%
5	6.151	515	521	528	rBV	609741	877414	4.07%	0.763%
6	6.640	593	604	616	rBV	478933	749706	3.48%	0.652%
7	6.745	616	622	627	rVV	734002	1058674	4.91%	0.920%
8	6.804	627	632	634	rVV	662933	939648	4.36%	0.817%
9	6.840	634	638	642	rVV	1434102	2297948	10.65%	1.998%
10	6.881	642	645	656	rVB	590814	844207	3.91%	0.734%
11	7.198	691	699	710	rBV	4342782	6836867	31.69%	5.944%
12	7.298	710	716	731	rVB	2615397	3887868	18.02%	3.380%
13	7.663	771	778	789	rBV	881200	1451067	6.73%	1.262%
14	7.763	789	795	803	rVB	447701	715045	3.31%	0.622%
15	7.981	823	832	836	rBV	3410060	5567733	25.81%	4.841%
16	8.022	836	839	846	rVB	719790	1086968	5.04%	0.945%
17	8.286	877	884	889	rBV2	237549	393086	1.82%	0.342%
18	8.598	927	937	941	rBV	134147	219250	1.02%	0.191%
19	8.745	955	962	968	rBV2	270271	426770	1.98%	0.371%
20	8.834	968	977	992	rBV	3169729	5337997	24.74%	4.641%
21	9.269	1045	1051	1056	rBV	239411	352874	1.64%	0.307%
22	9.328	1056	1061	1067	rVB	281250	420069	1.95%	0.365%
23	9.839	1142	1148	1155	rBV2	441355	719645	3.34%	0.626%
24	10.445	1238	1251	1255	rBV	1179626	2057845	9.54%	1.789%
25	10.498	1255	1260	1266	rVB	1378539	2363787	10.96%	2.055%
26	12.116	1529	1535	1545	rVB	486012	777627	3.60%	0.676%
27	12.339	1563	1573	1582	rBV	401439	740667	3.43%	0.644%
28	12.927	1666	1673	1681	rBV	8585742	12786242	59.27%	11.117%
29	13.492	1760	1769	1786	rBV3	141766	395120	1.83%	0.344%
30	13.686	1797	1802	1815	rVB3	116087	244509	1.13%	0.213%
31	14.316	1900	1909	1922	rBV2	1974490	3091676	14.33%	2.688%
32	15.815	2157	2164	2183	rBV	8460697	11497521	53.30%	9.996%
33	17.068	2371	2377	2389	rBV2	2573861	3689277	17.10%	3.208%
34	17.956	2523	2528	2536	rBV2	175959	269195	1.25%	0.234%

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Integration Parameters: rteint.p
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	19.709	2820	2826	2844	rBV	17318510	21573278	100.00%	18.757%
36	21.268	3086	3091	3101	rBV	3248633	4206928	19.50%	3.658%
37	23.509	3465	3472	3484	rVB	1792581	3611200	16.74%	3.140%

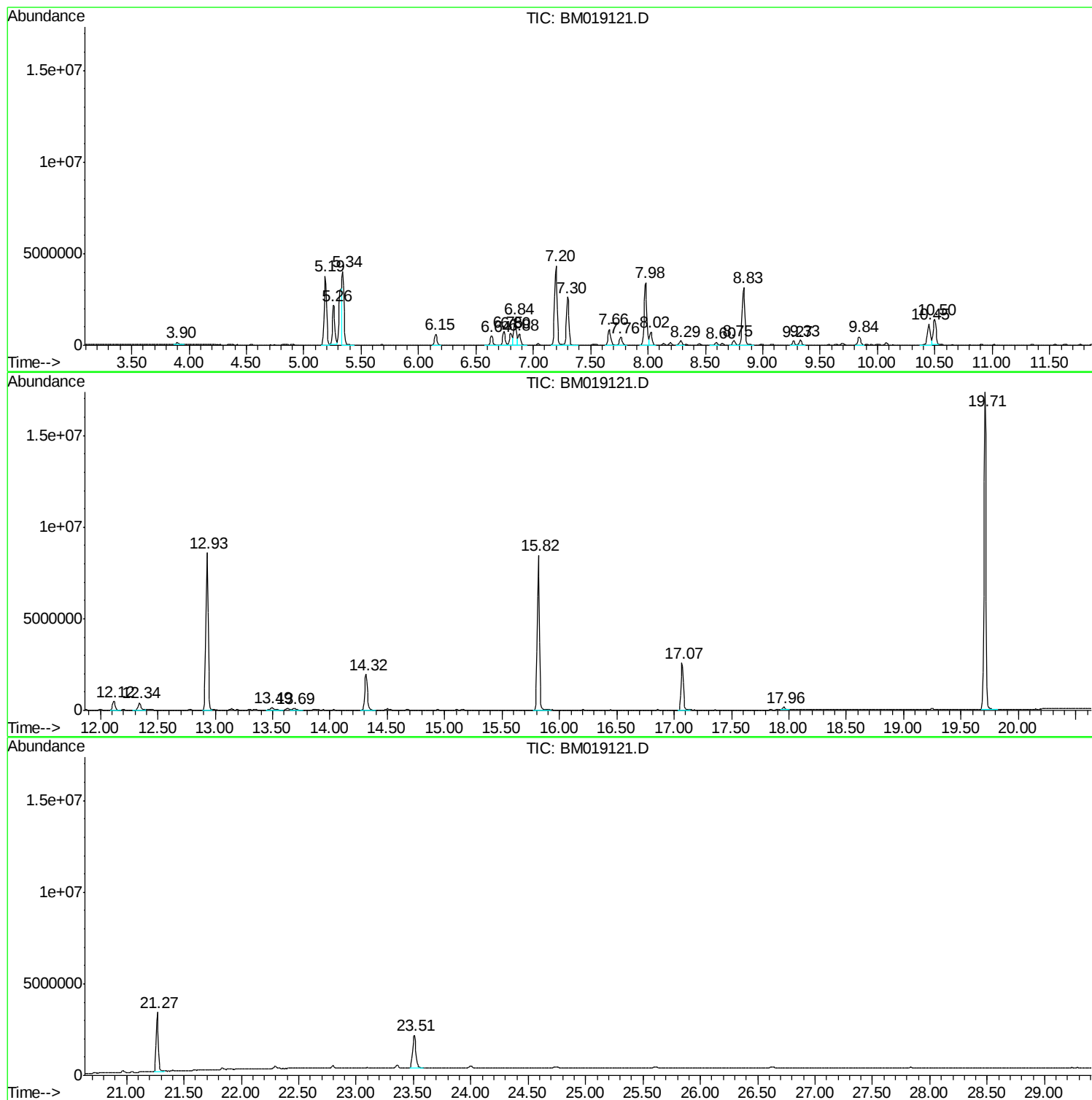
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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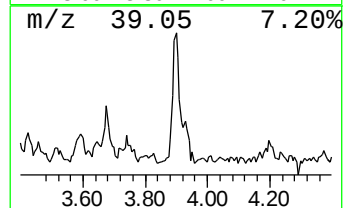
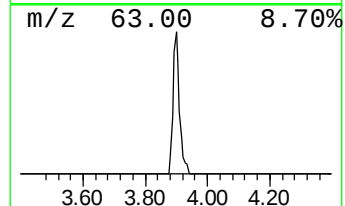
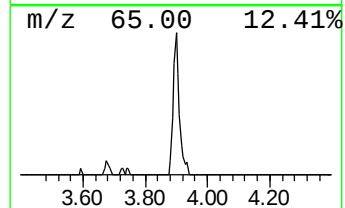
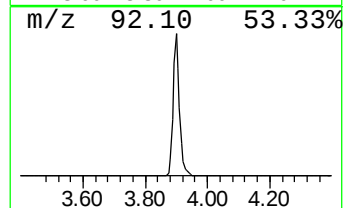
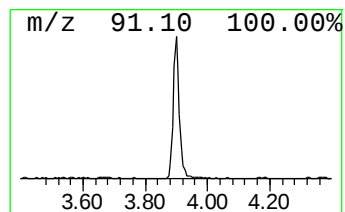
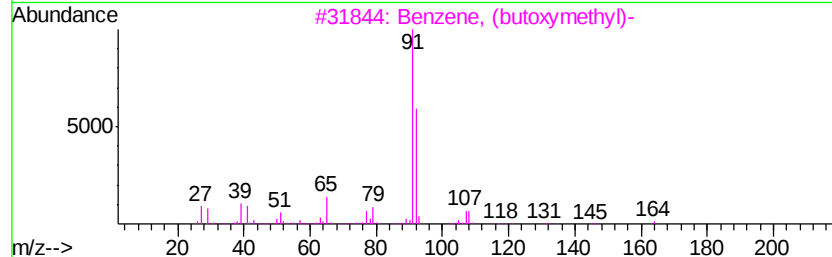
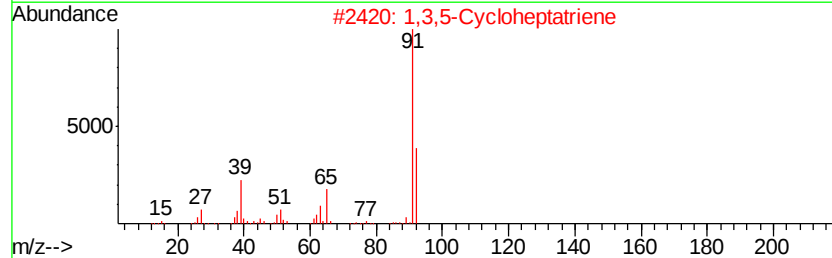
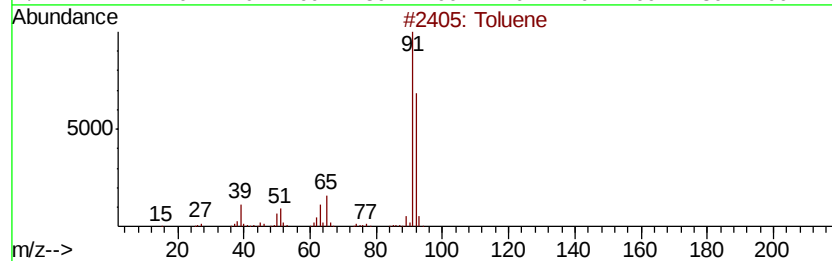
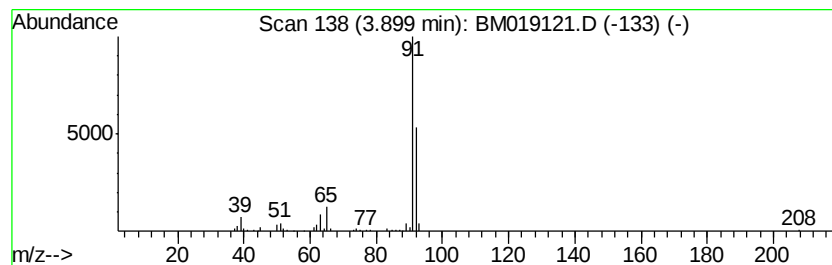
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	3.00 ng	217667	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	91
2		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	83
3		Benzene, (butoxymethyl)-	164	C11H16O	000588-67-0	72
4		Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	72
5		Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	64



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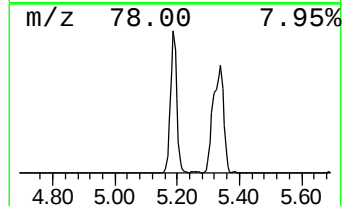
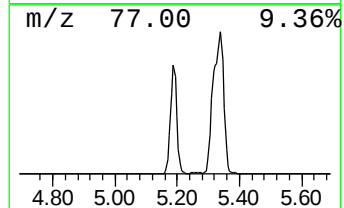
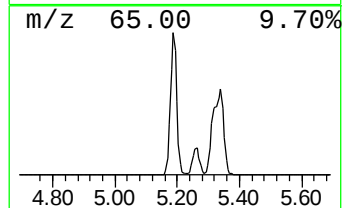
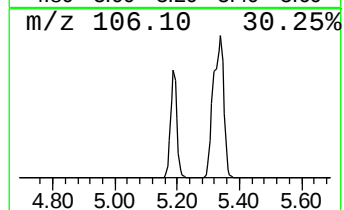
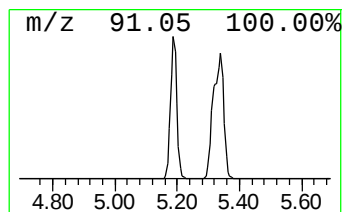
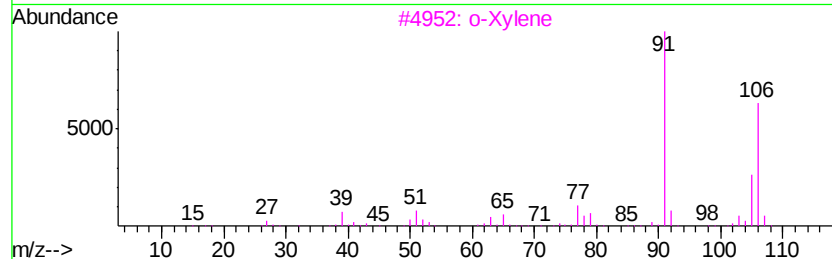
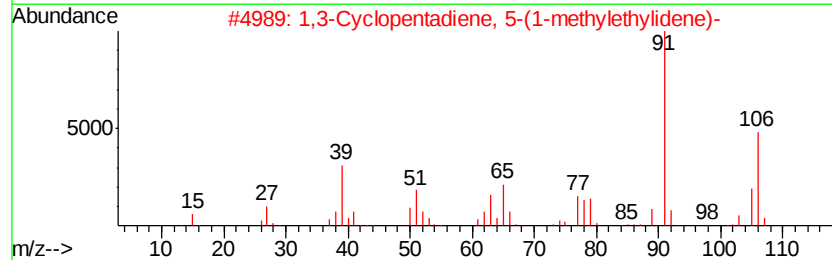
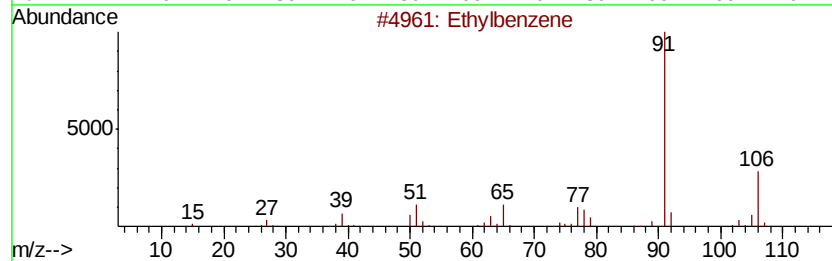
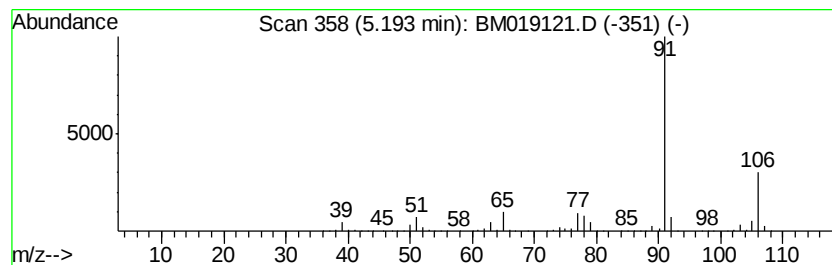
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	72.75 ng	5277940	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethylbenzene	106	C8H10	000100-41-4	91
2		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	83
3		o-Xylene	106	C8H10	000095-47-6	64
4		p-Xylene	106	C8H10	000106-42-3	64
5		Carbamic acid, N-(3-oxo-4-isoxaz...	236	C11H12N2O4	028832-02-2	47



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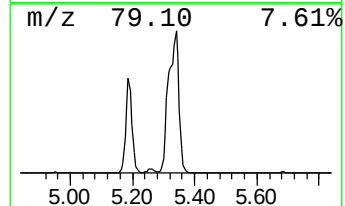
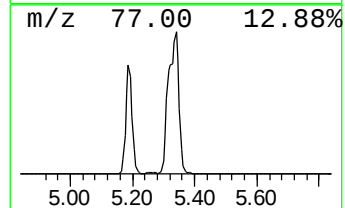
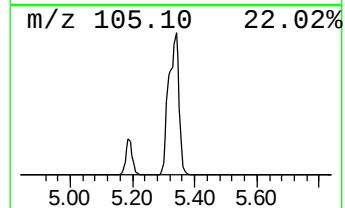
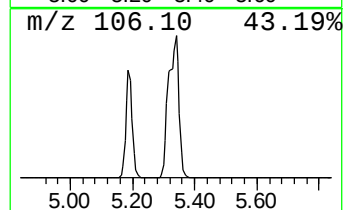
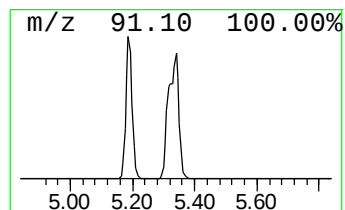
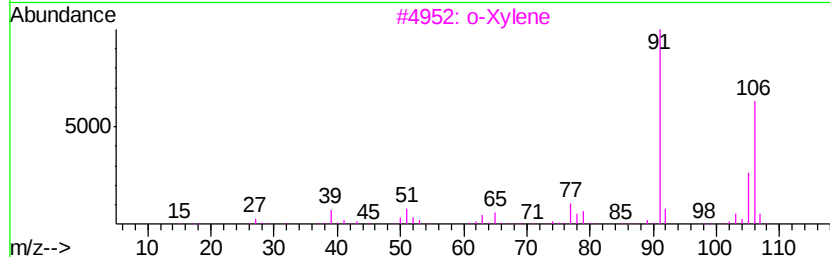
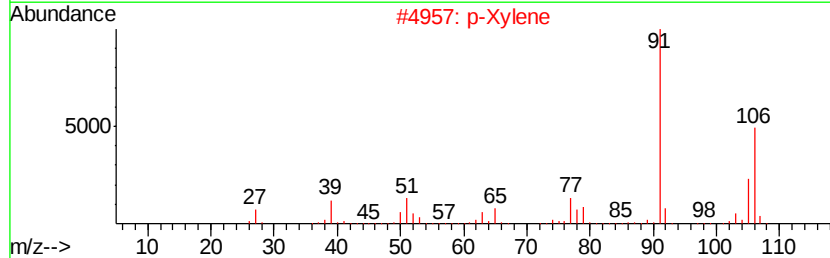
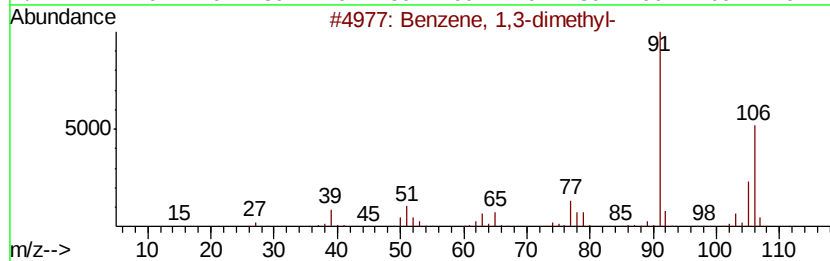
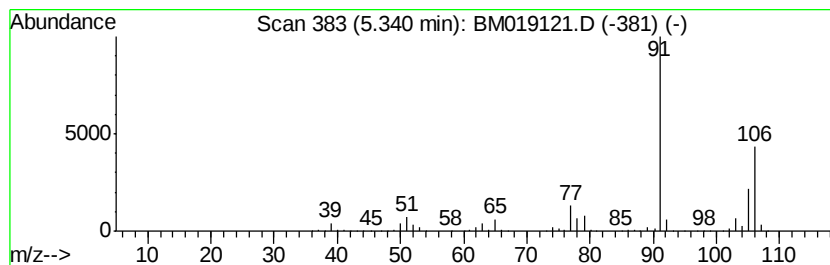
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.34	66.90 ng	4854110	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		p-Xylene	106	C8H10	000106-42-3	95
3		o-Xylene	106	C8H10	000095-47-6	93
4		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	80
5		Benzeneethanol, .alpha.,.beta.-d...	150	C10H14O	052089-32-4	72



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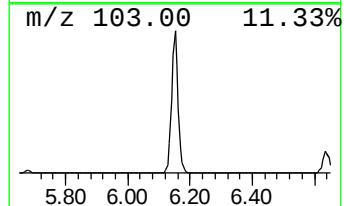
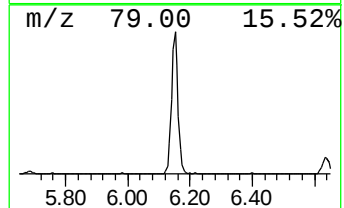
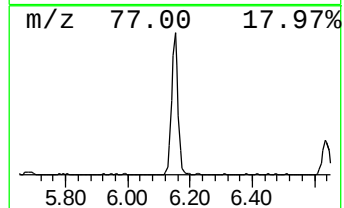
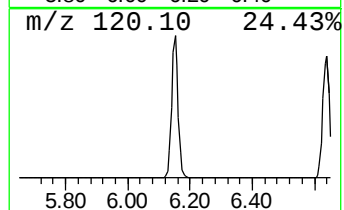
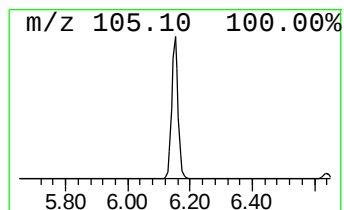
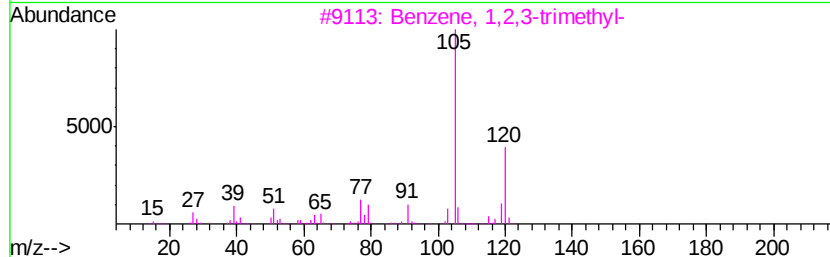
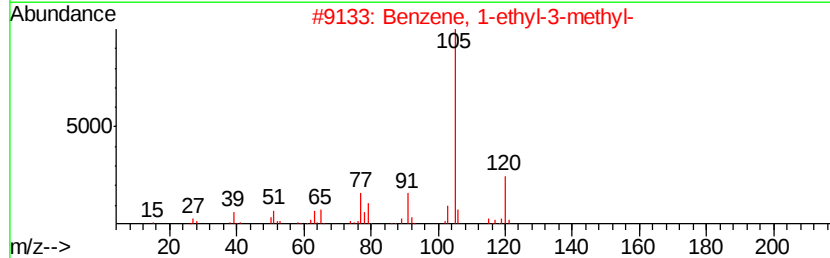
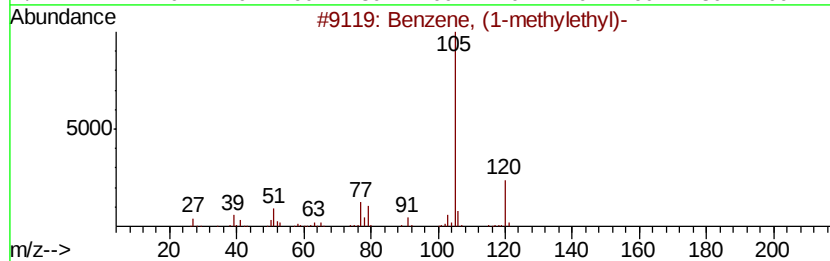
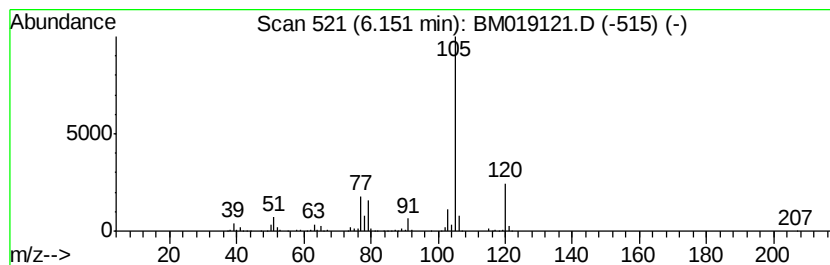
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	12.09 ng	877414	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	78



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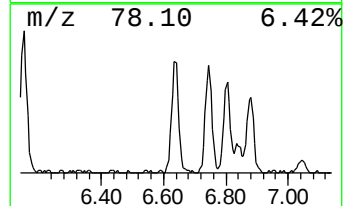
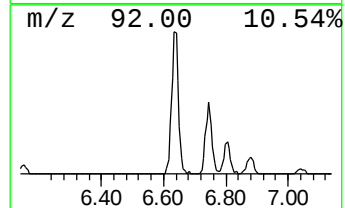
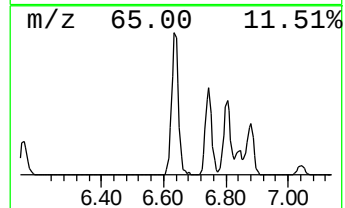
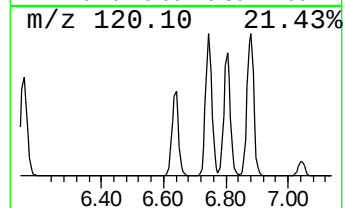
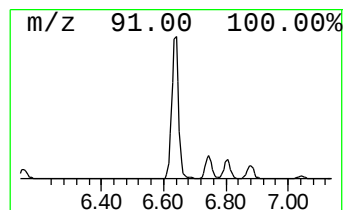
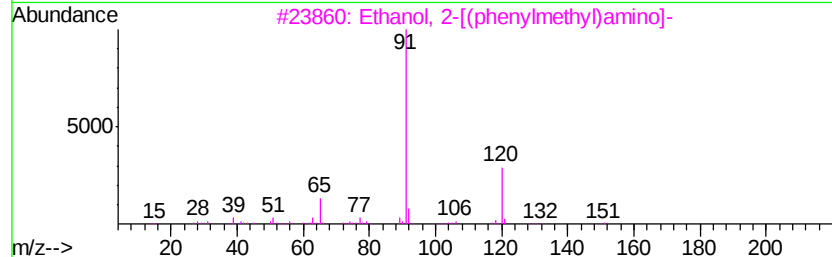
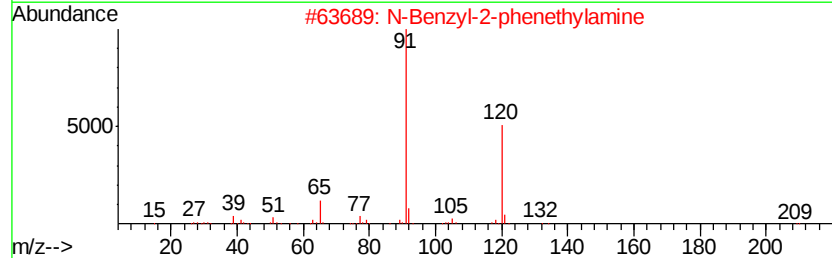
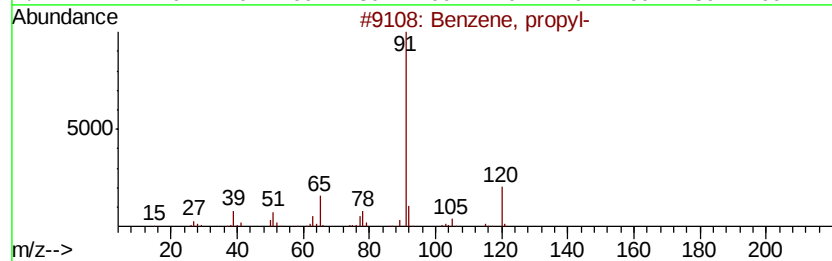
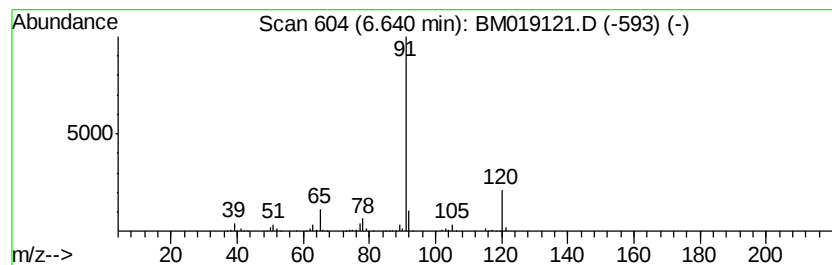
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	10.33 ng	749706	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	91
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4		Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5		1,2-Ethanediamine, N,N'-bis(phen...)	240	C16H20N2	000140-28-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019121.D
Acq On : 12 Mar 2019 20:44
Operator : JU/SJ
Sample : K1842-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PR-MW-05_030819

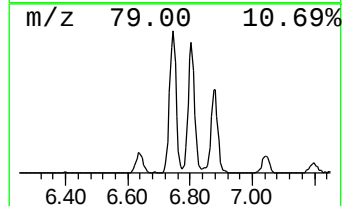
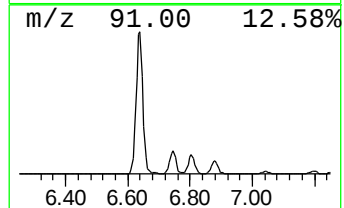
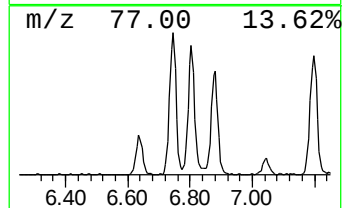
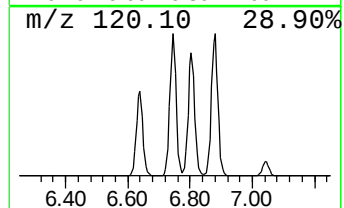
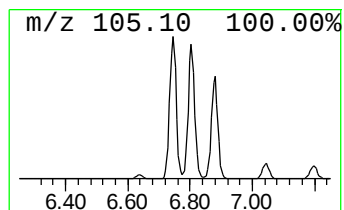
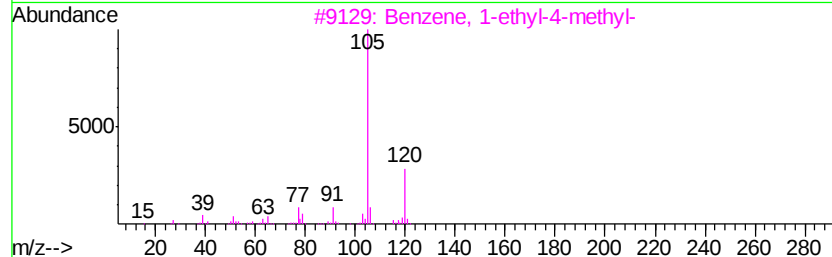
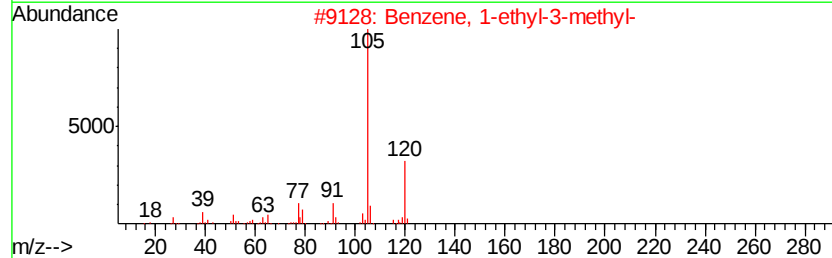
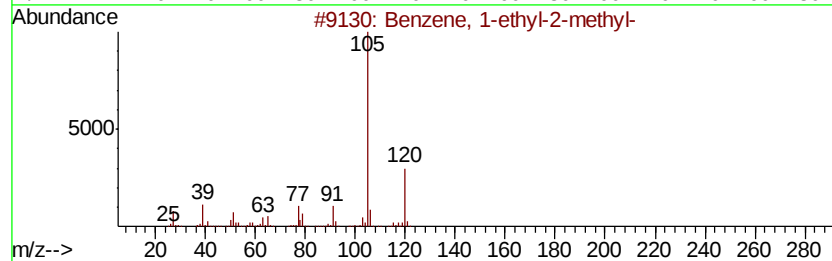
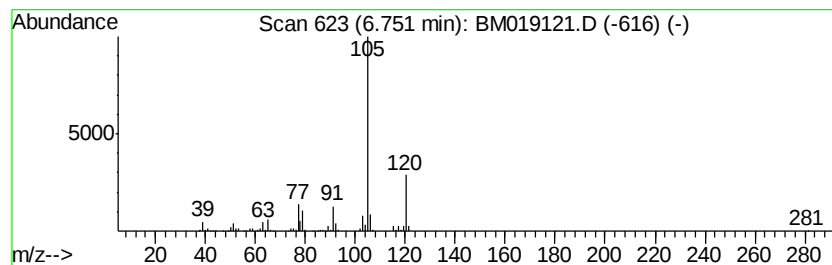
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	14.59 ng	1058670	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019121.D
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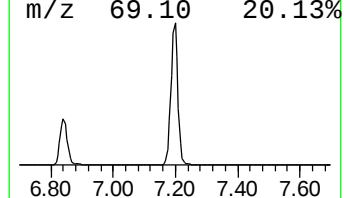
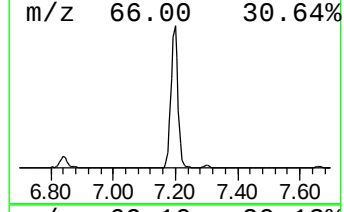
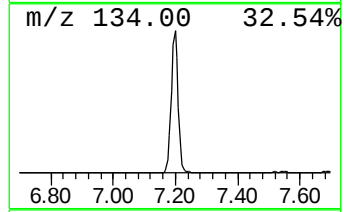
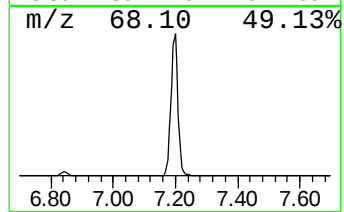
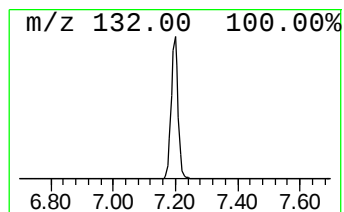
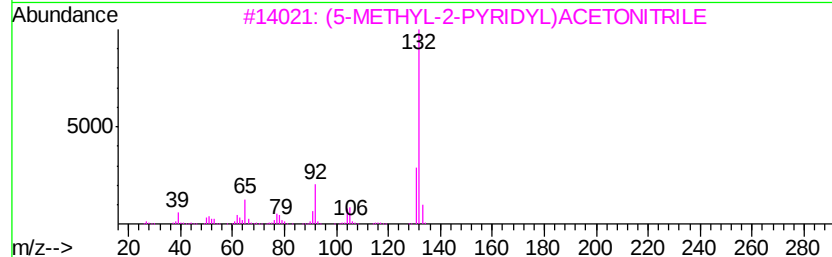
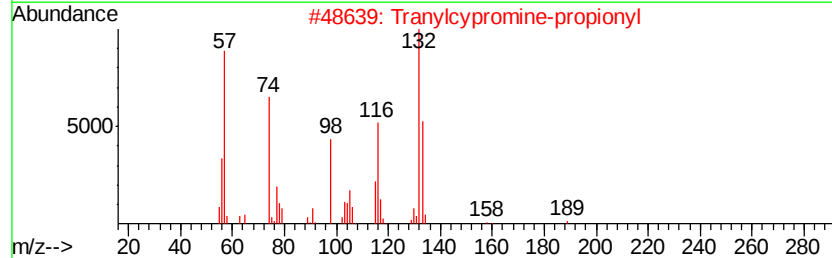
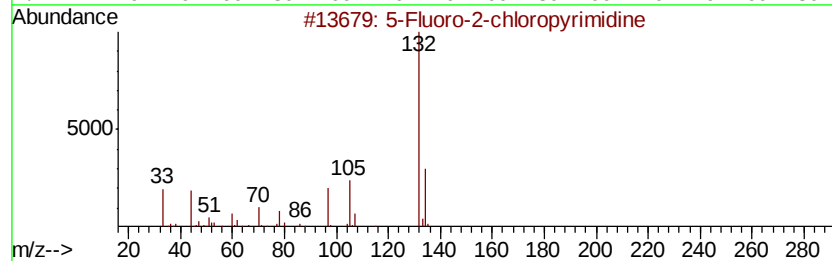
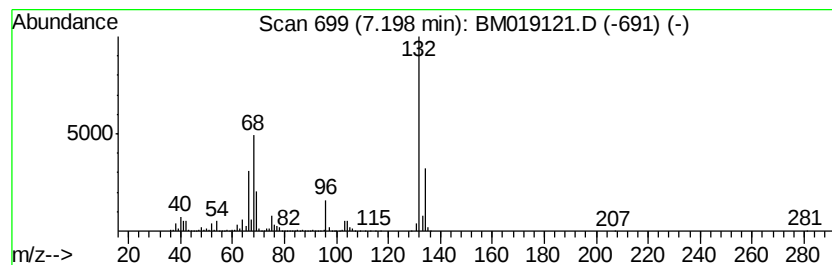
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	94.23 ng	6836870	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019121.D
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ALS Vial : 16 Sample Multiplier: 1

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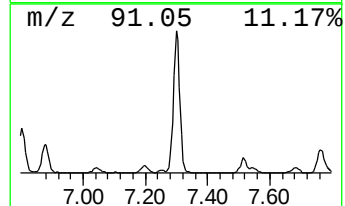
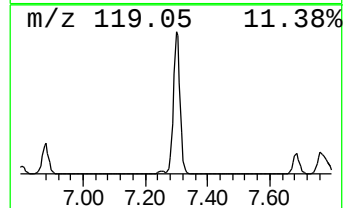
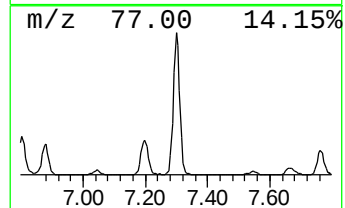
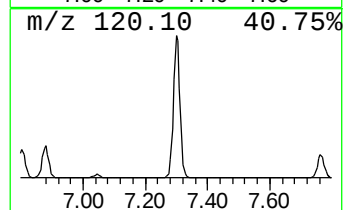
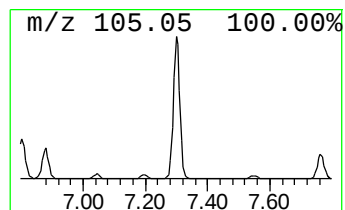
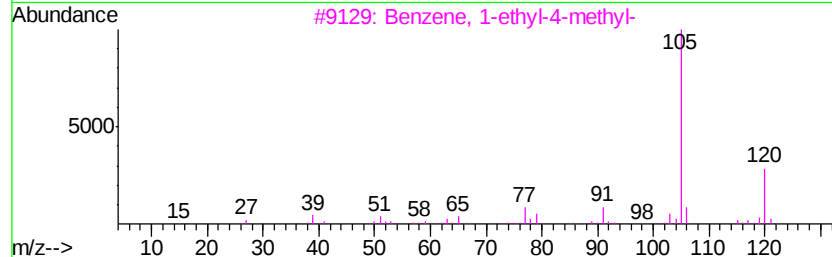
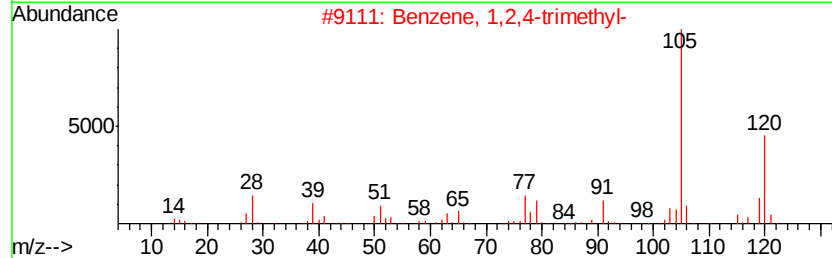
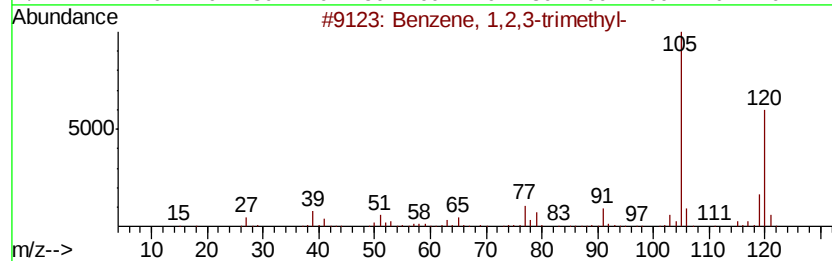
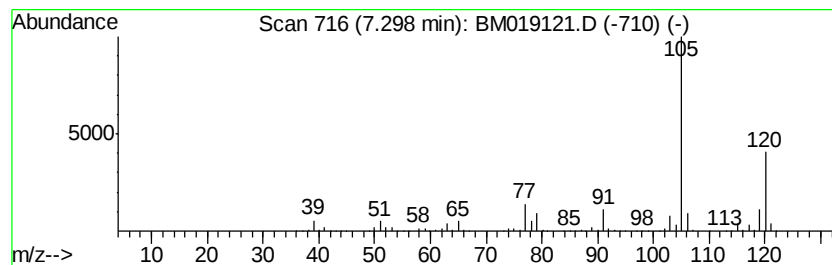
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	53.59 ng	3887870	1,4-Dichlorobenzene-d4	7.66

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	94
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019121.D
Acq On : 12 Mar 2019 20:44
Operator : JU/SJ
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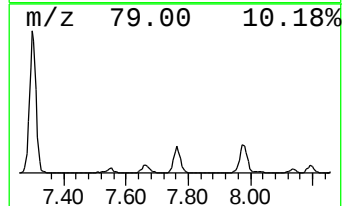
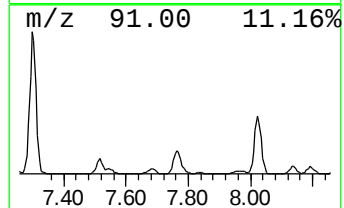
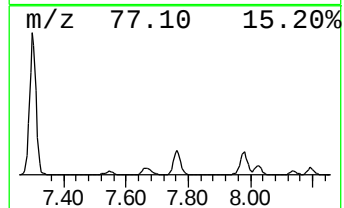
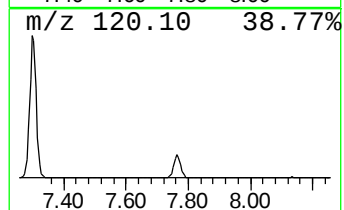
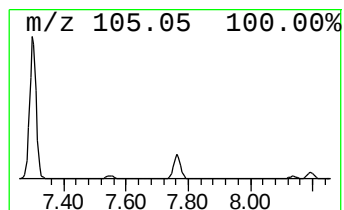
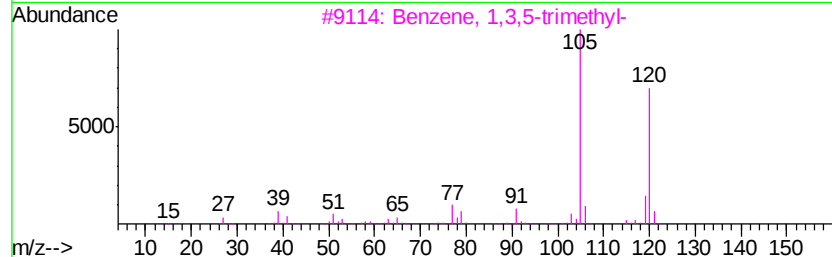
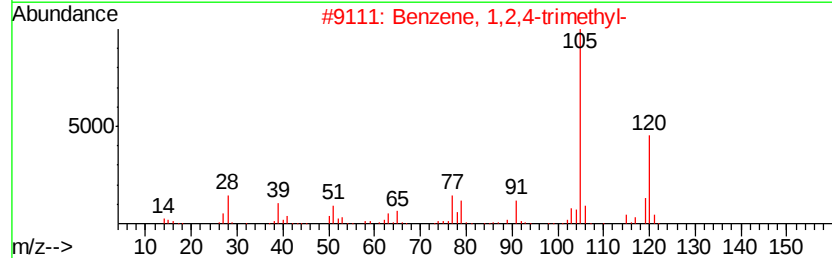
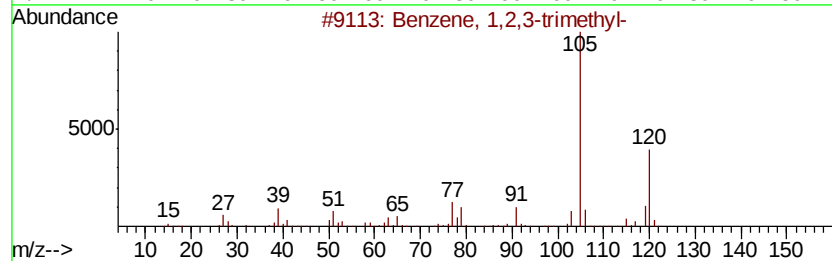
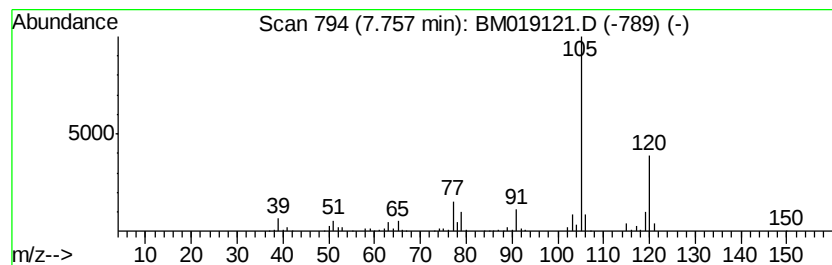
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	9.86 ng	715045	1,4-Dichlorobenzene-d4	7.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3			Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
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ClientSampleId :
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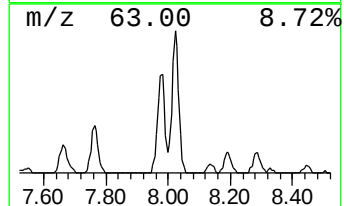
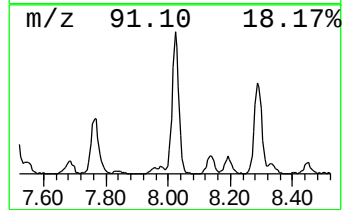
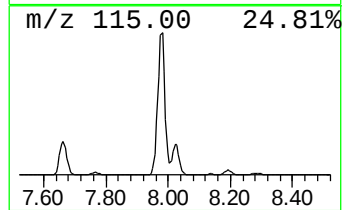
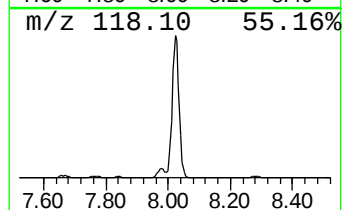
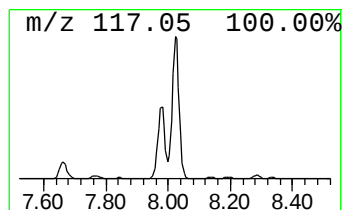
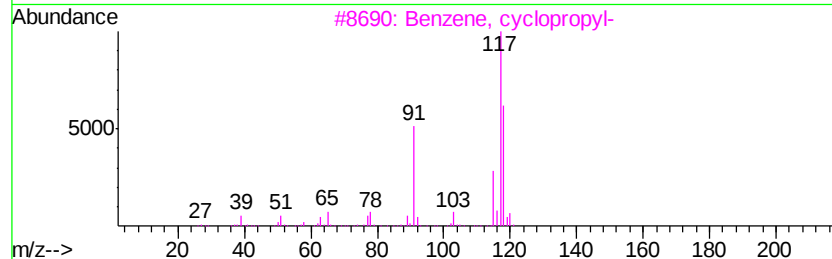
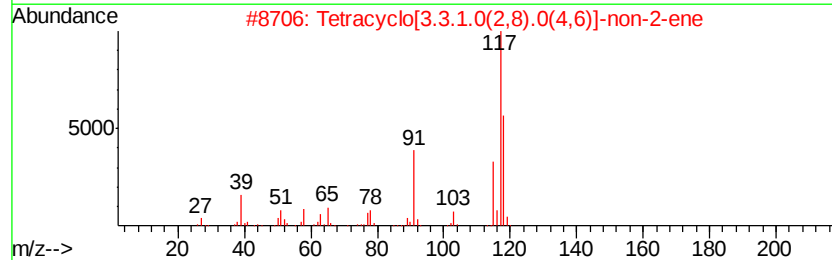
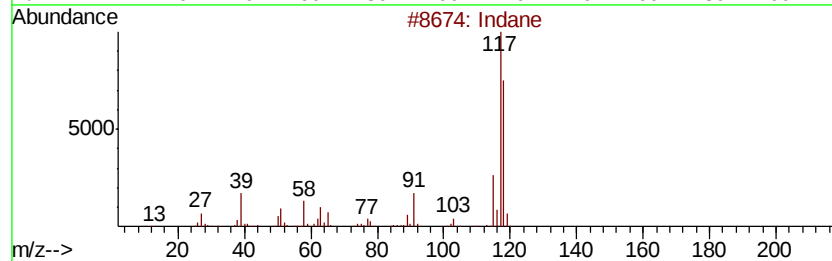
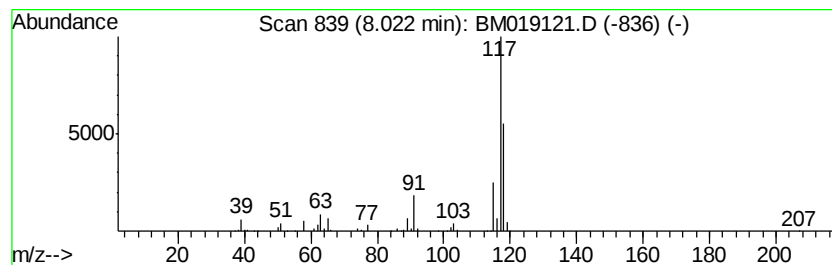
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	14.98 ng	1086970	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	91
2		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	80
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4		Bicyclo[4.2.0]octa-1,3,5-triene,	118	C9H10	055337-80-9	59
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
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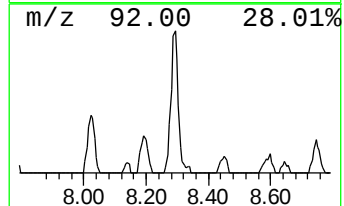
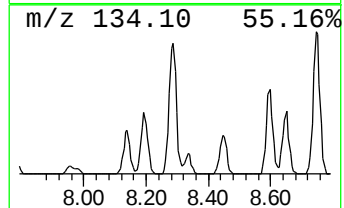
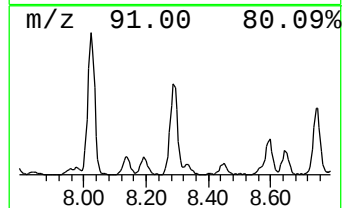
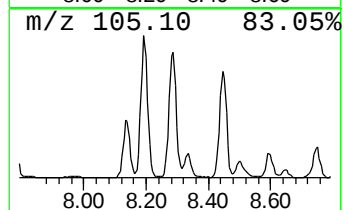
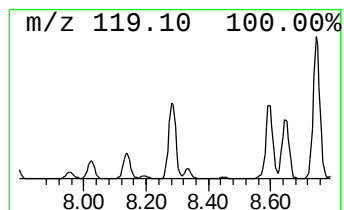
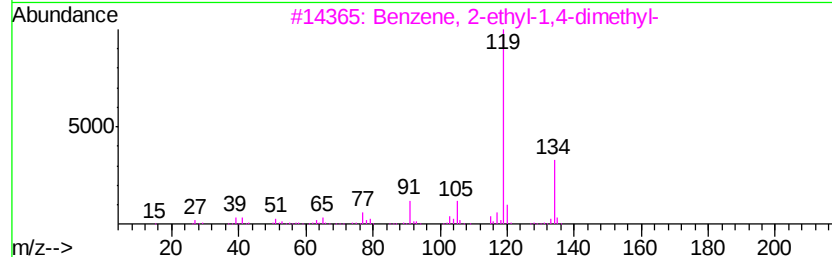
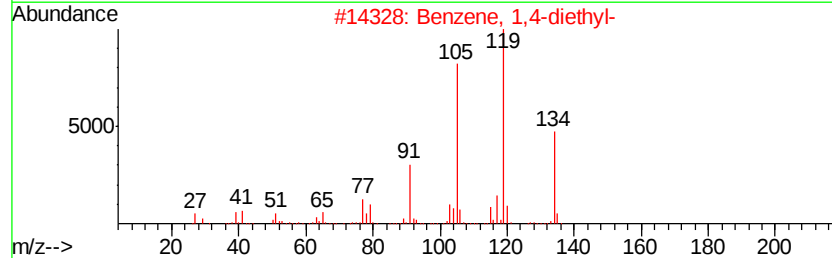
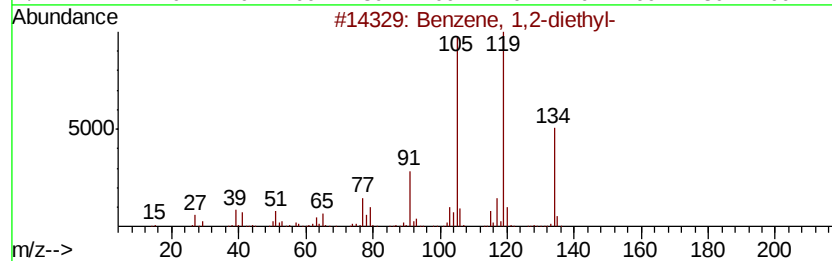
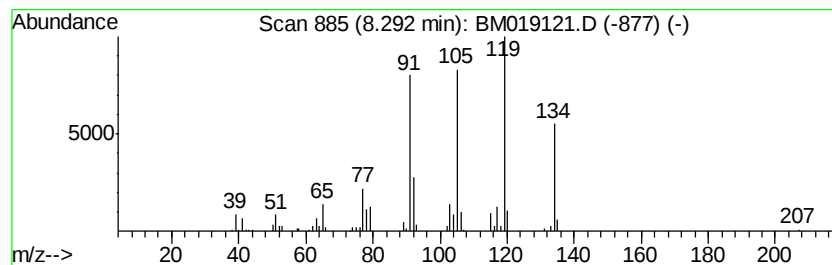
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 1,2-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	5.42 ng	393086	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
5		1,3,8-p-Menthatriene	134	C10H14	021195-59-5	91



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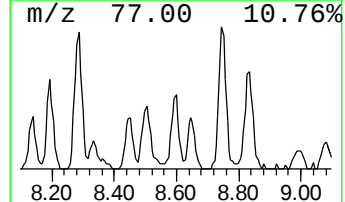
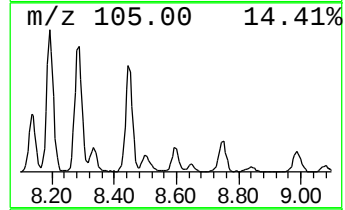
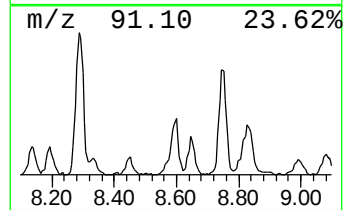
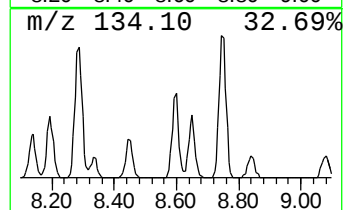
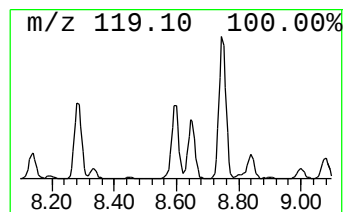
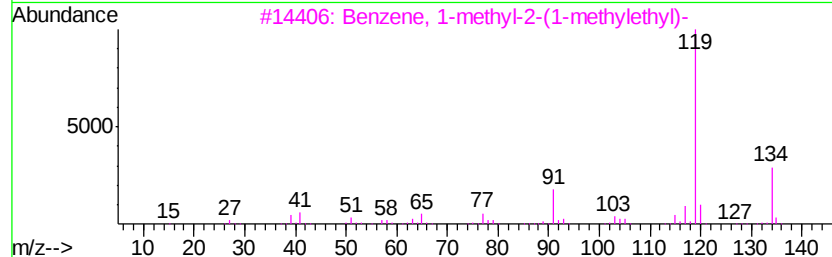
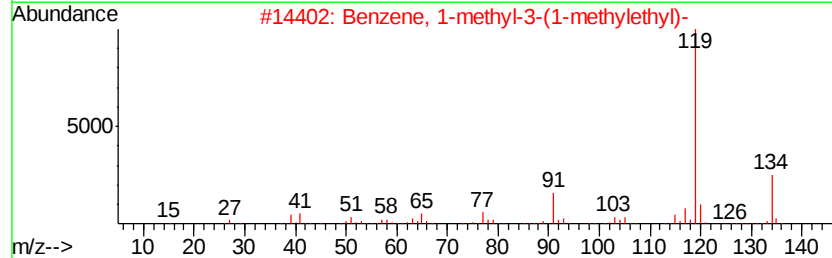
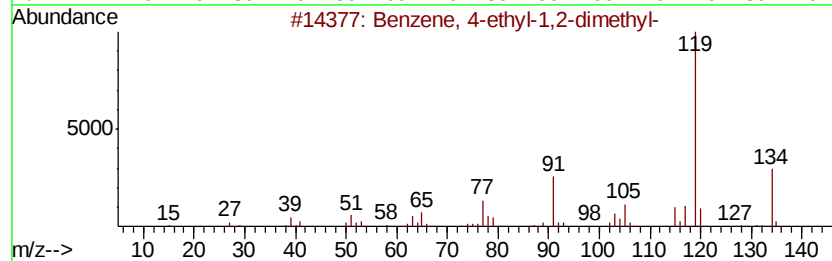
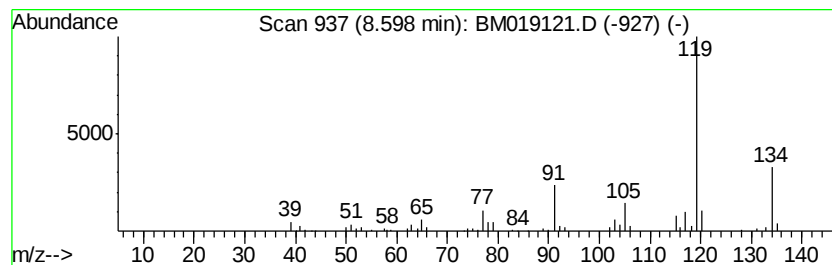
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	3.02 ng	219250	1,4-Dichlorobenzene-d4	7.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
3			Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	95
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019121.D
Acq On : 12 Mar 2019 20:44
Operator : JU/SJ
Sample : K1842-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

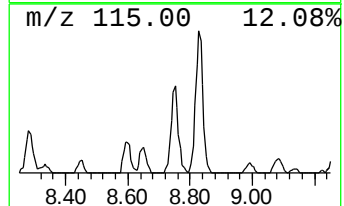
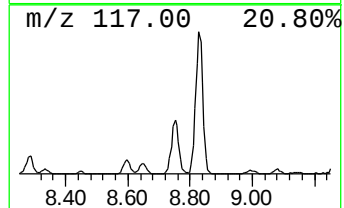
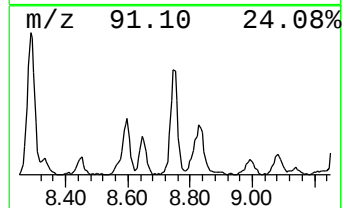
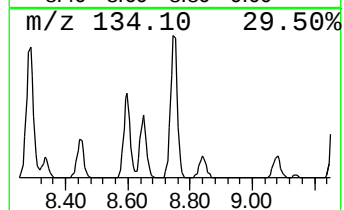
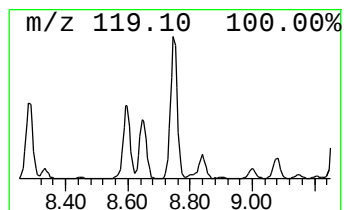
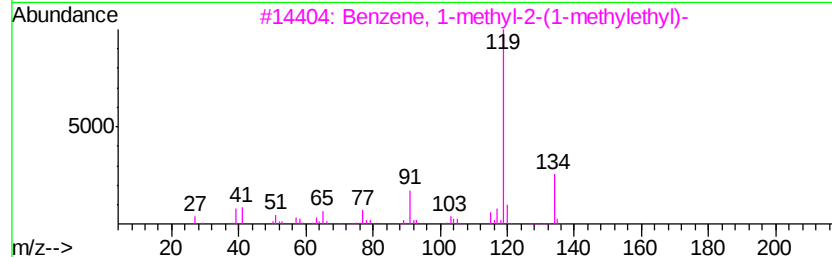
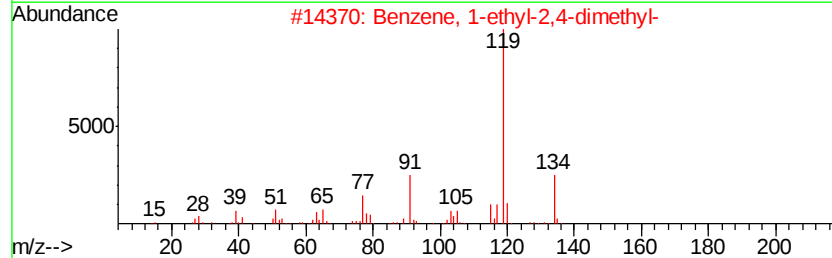
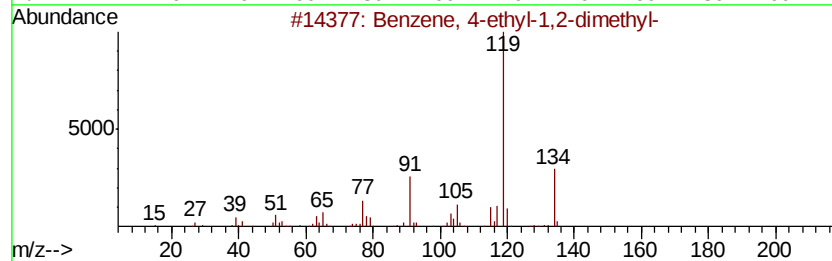
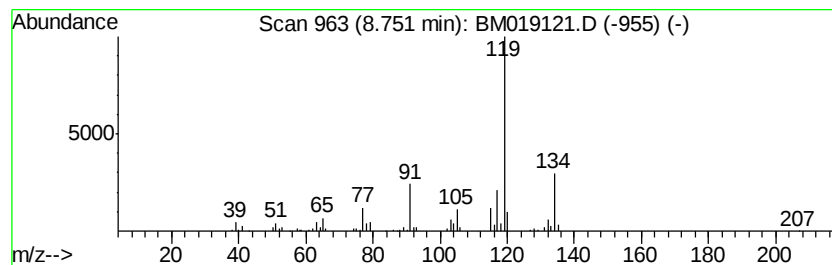
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	5.88 ng	426770	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	95
4		Benzene, 1-methyl-4-(1-methylethyl)-	134	C10H14	000099-87-6	94
5		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019121.D
Acq On : 12 Mar 2019 20:44
Operator : JU/SJ
Sample : K1842-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

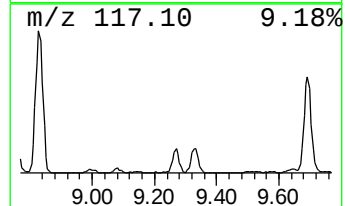
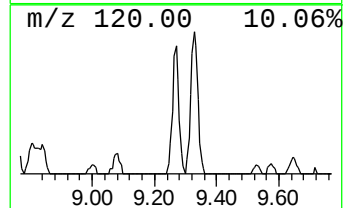
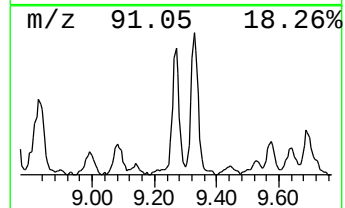
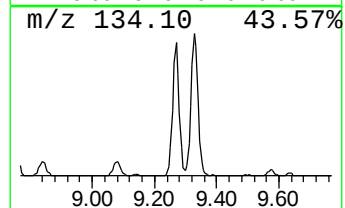
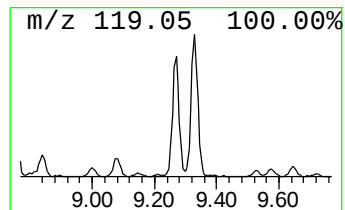
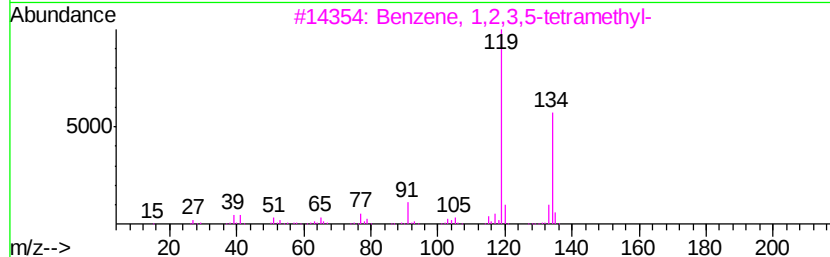
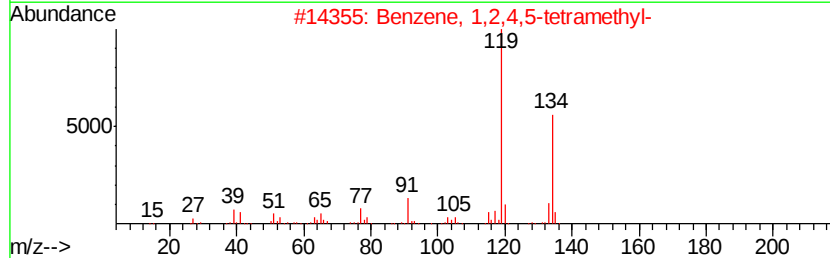
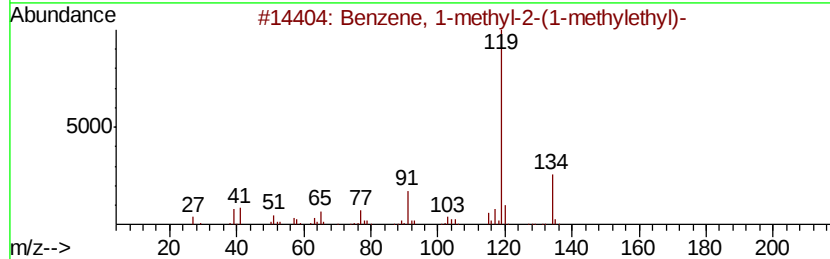
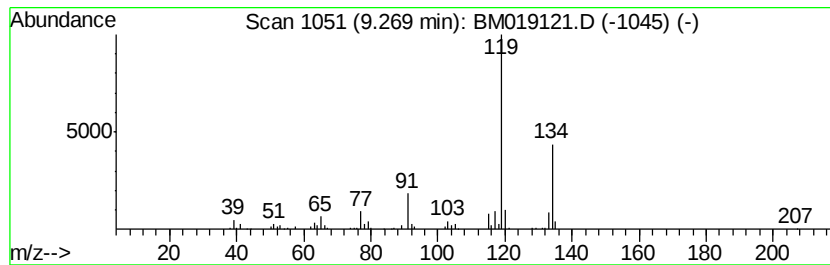
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 1-methyl-2-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	3.43 ng	352874	Naphthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019121.D
Acq On : 12 Mar 2019 20:44
Operator : JU/SJ
Sample : K1842-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

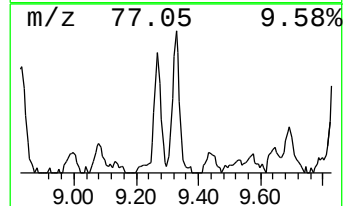
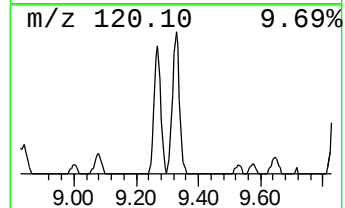
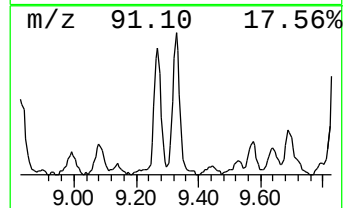
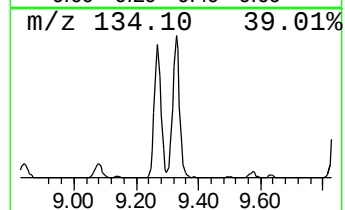
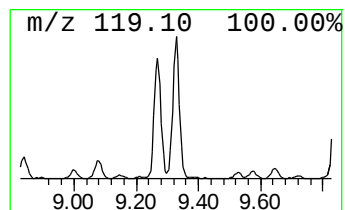
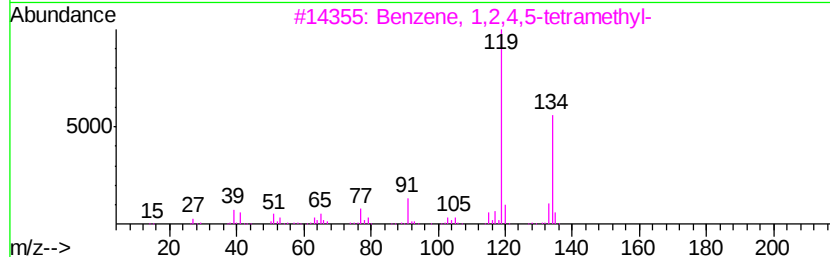
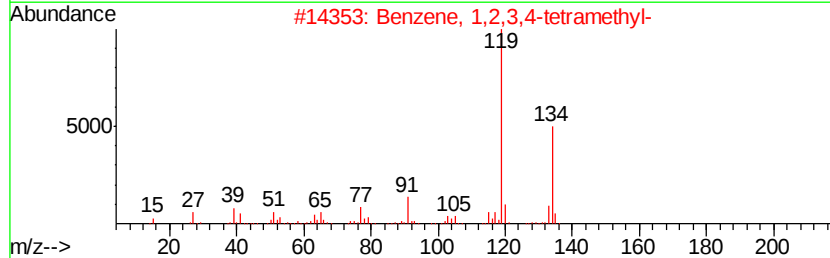
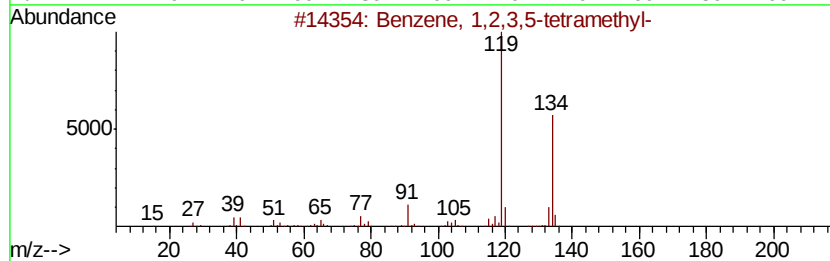
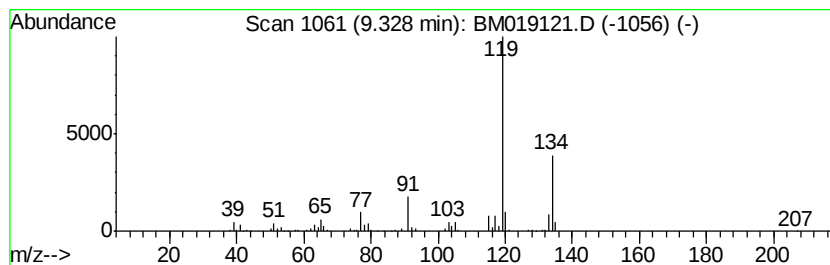
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	4.08 ng	420069	Naphthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019121.D
Acq On : 12 Mar 2019 20:44
Operator : JU/SJ
Sample : K1842-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

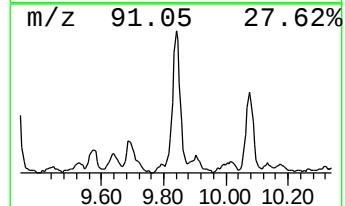
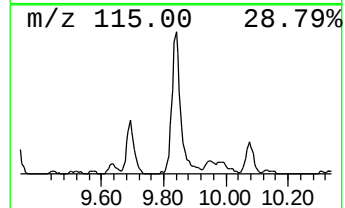
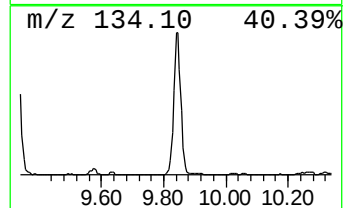
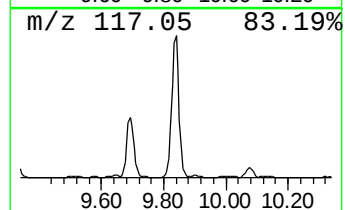
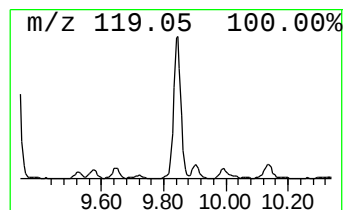
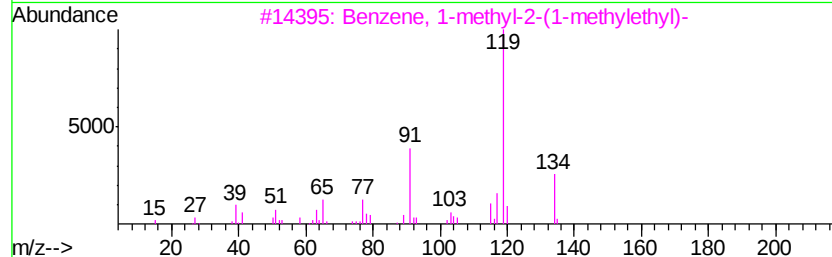
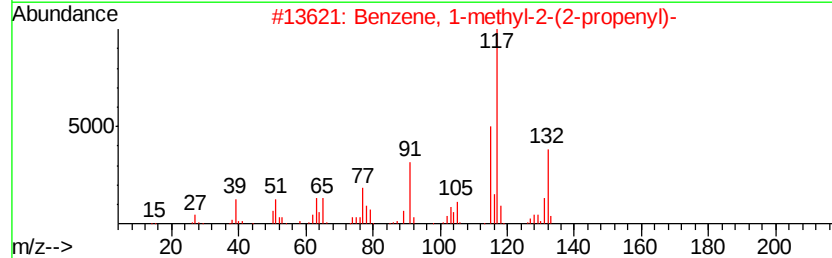
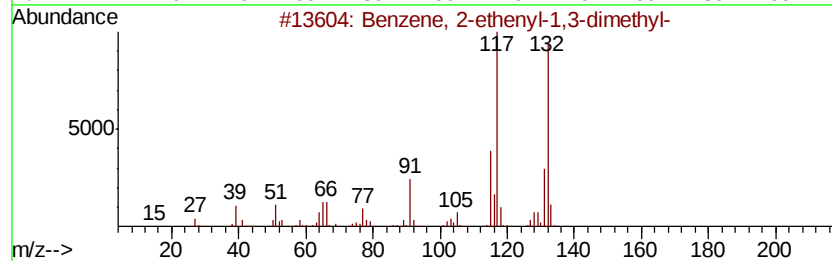
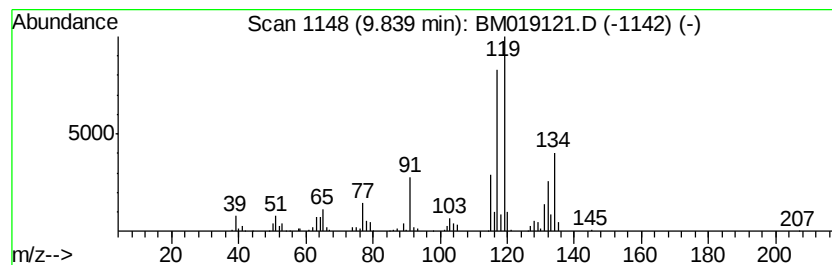
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	6.99 ng	719645	Napthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
3		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	55
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50
5		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019121.D
Acq On : 12 Mar 2019 20:44
Operator : JU/SJ
Sample : K1842-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

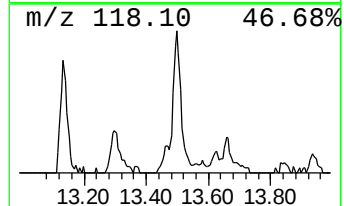
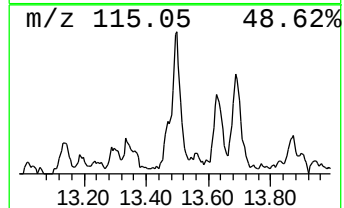
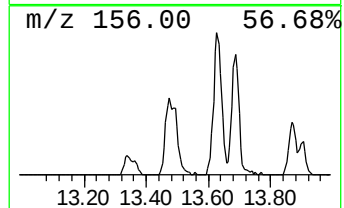
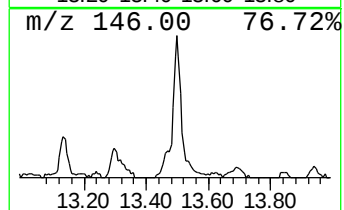
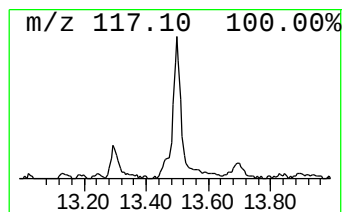
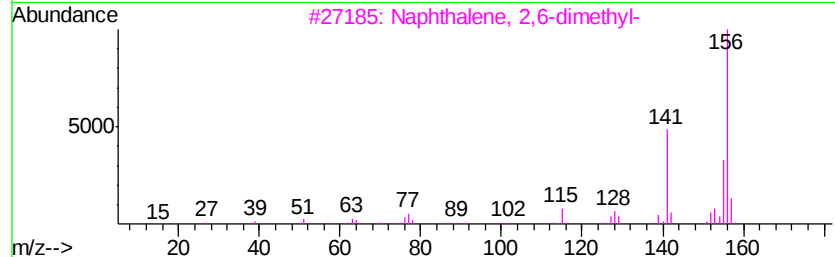
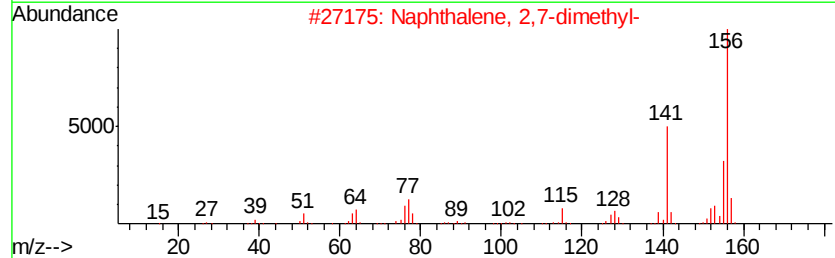
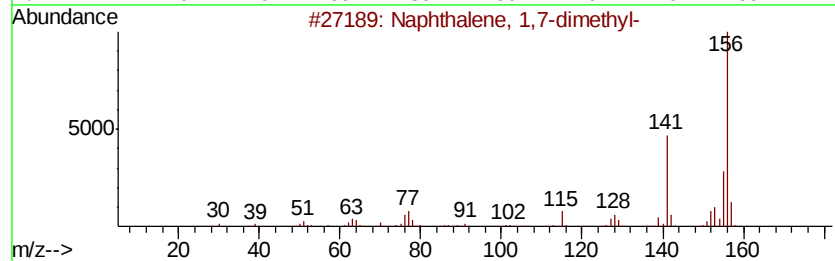
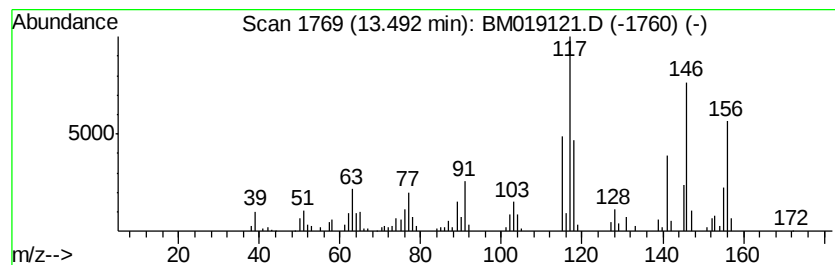
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Naphthalene, 1,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.49	2.56 ng	395120	Acenaphthene-d10	14.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	59
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	56
4	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	55
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031219\
 Data File : BM019121.D
 Acq On : 12 Mar 2019 20:44
 Operator : JU/SJ
 Sample : K1842-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR-MW-05_030819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,3,5-Cycloheptat...	3.90	3.0	ng	217667	1	7.66	1451070	20.0
1,3-Cyclopentadie...	5.19	72.8	ng	5277940	1	7.66	1451070	20.0
Benzene, 1,3-dime...	5.34	66.9	ng	4854110	1	7.66	1451070	20.0
Benzene, (1-methy...	6.15	12.1	ng	877414	1	7.66	1451070	20.0
Benzene, propyl-	6.64	10.3	ng	749706	1	7.66	1451070	20.0
Benzene, 1-ethyl-...	6.75	14.6	ng	1058670	1	7.66	1451070	20.0
unknown7.20	7.20	94.2	ng	6836870	1	7.66	1451070	20.0
Benzene, 1,2,3-tr...	7.30	53.6	ng	3887870	1	7.66	1451070	20.0
Benzene, 1,2,4-tr...	7.76	9.9	ng	715045	1	7.66	1451070	20.0
Indane	8.02	15.0	ng	1086970	1	7.66	1451070	20.0
Benzene, 1,2-diet...	8.29	5.4	ng	393086	1	7.66	1451070	20.0
Benzene, 4-ethyl-...	8.60	3.0	ng	219250	1	7.66	1451070	20.0
Benzene, 1-ethyl-...	8.75	5.9	ng	426770	1	7.66	1451070	20.0
Benzene, 1-methyl...	9.27	3.4	ng	352874	2	10.45	2057850	20.0
Benzene, 1,2,3,5-...	9.33	4.1	ng	420069	2	10.45	2057850	20.0
Benzene, 2-etheny...	9.84	7.0	ng	719645	2	10.45	2057850	20.0
Naphthalene, 1,7-...	13.49	2.6	ng	395120	3	14.32	3091680	20.0