

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019920.D
 Acq On : 5 Dec 2015 00:56
 Operator : UM/NP
 Sample : G4630-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-31

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-BG120215.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.190	394	400	407	rBV	42445	65993	2.03%	0.411%
2	5.660	473	480	490	rBV	293522	466468	14.34%	2.904%
3	7.258	745	752	758	rBV	209342	354108	10.89%	2.204%
4	7.646	810	818	826	rBV	561448	953303	29.31%	5.934%
5	7.764	833	838	848	rVB	23270	40211	1.24%	0.250%
6	8.116	890	898	906	rBV	116029	197103	6.06%	1.227%
7	8.234	912	918	924	rVB2	23827	39425	1.21%	0.245%
8	8.439	946	953	959	rBV	473883	838846	25.79%	5.222%
9	8.492	959	962	969	rVB	32049	53318	1.64%	0.332%
10	9.227	1083	1087	1091	rBV2	23731	39461	1.21%	0.246%
11	9.286	1091	1097	1111	rVB	451433	858976	26.41%	5.347%
12	9.568	1139	1145	1151	rBV3	14127	34804	1.07%	0.217%
13	9.808	1181	1186	1192	rBV	32075	52426	1.61%	0.326%
14	10.126	1233	1240	1246	rBV5	22114	52495	1.61%	0.327%
15	10.325	1269	1274	1280	rVB2	28785	53214	1.64%	0.331%
16	10.937	1366	1378	1384	rBV	174384	388599	11.95%	2.419%
17	10.989	1384	1387	1392	rVB4	25490	41070	1.26%	0.256%
18	11.048	1392	1397	1401	rBV	41068	67537	2.08%	0.420%
19	11.318	1435	1443	1445	rBV8	17739	39997	1.23%	0.249%
20	11.636	1492	1497	1504	rVB9	14359	35914	1.10%	0.224%
21	11.771	1515	1520	1526	rVB9	17699	37834	1.16%	0.236%
22	11.835	1526	1531	1539	rBV7	18258	40495	1.24%	0.252%
23	12.035	1561	1565	1573	rVB3	22388	40748	1.25%	0.254%
24	12.182	1585	1590	1594	rBV2	23281	40134	1.23%	0.250%
25	12.470	1634	1639	1644	rVB6	33877	64454	1.98%	0.401%
26	12.799	1690	1695	1704	rBV	63457	101804	3.13%	0.634%
27	13.228	1760	1768	1773	rBV7	39330	80845	2.49%	0.503%
28	13.281	1773	1777	1782	rVB6	27080	44204	1.36%	0.275%
29	13.375	1786	1793	1798	rVV	1318246	1995249	61.34%	12.420%
30	13.422	1798	1801	1805	rVB3	27641	36690	1.13%	0.228%
31	13.763	1853	1859	1862	rBV7	18754	38391	1.18%	0.239%
32	14.074	1908	1912	1917	rVB6	36829	59473	1.83%	0.370%
33	14.550	1988	1993	2003	rVB8	35108	87189	2.68%	0.543%
34	14.744	2016	2026	2034	rBV2	297000	554923	17.06%	3.454%

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Smoothing : ON
Sampling : 1
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Stop Thrs : 0
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Max Peaks: 100
Peak Location: TOP

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

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35	15.214	2102	2106	2111	rVB5	37090	55618	1.71%	0.346%
36	15.361	2127	2131	2143	rVB5	50759	130573	4.01%	0.813%
37	15.778	2199	2202	2207	rVB7	32319	53923	1.66%	0.336%
38	16.230	2272	2279	2284	rBV	1156049	1753952	53.92%	10.918%
39	16.883	2385	2390	2395	rVB5	38474	68982	2.12%	0.429%
40	17.270	2452	2456	2462	rVB3	63250	95210	2.93%	0.593%
41	17.488	2487	2493	2501	rBV2	376935	579124	17.80%	3.605%
42	17.840	2550	2553	2558	rVB3	30875	47969	1.47%	0.299%
43	18.369	2639	2643	2647	rBV2	79227	106265	3.27%	0.661%
44	19.632	2854	2858	2863	rVB2	95805	120182	3.69%	0.748%
45	19.732	2871	2875	2879	rBV	60957	86275	2.65%	0.537%
46	20.090	2930	2936	2942	rBV	2507686	3252725	100.00%	20.248%
47	20.772	3049	3052	3058	rVB2	40804	55473	1.71%	0.345%
48	20.848	3060	3065	3068	rBV5	22805	36071	1.11%	0.225%
49	20.989	3085	3089	3093	rBV	24211	37992	1.17%	0.236%
50	21.036	3094	3097	3101	rVB	44585	51451	1.58%	0.320%
51	21.242	3128	3132	3137	rVB	44629	58449	1.80%	0.364%
52	21.395	3155	3158	3165	rVB8	22768	38572	1.19%	0.240%
53	21.548	3182	3184	3191	rVB	33457	47263	1.45%	0.294%
54	21.759	3214	3220	3229	rVB	471986	770015	23.67%	4.793%
55	25.044	3767	3779	3792	rVB	254203	722950	22.23%	4.500%

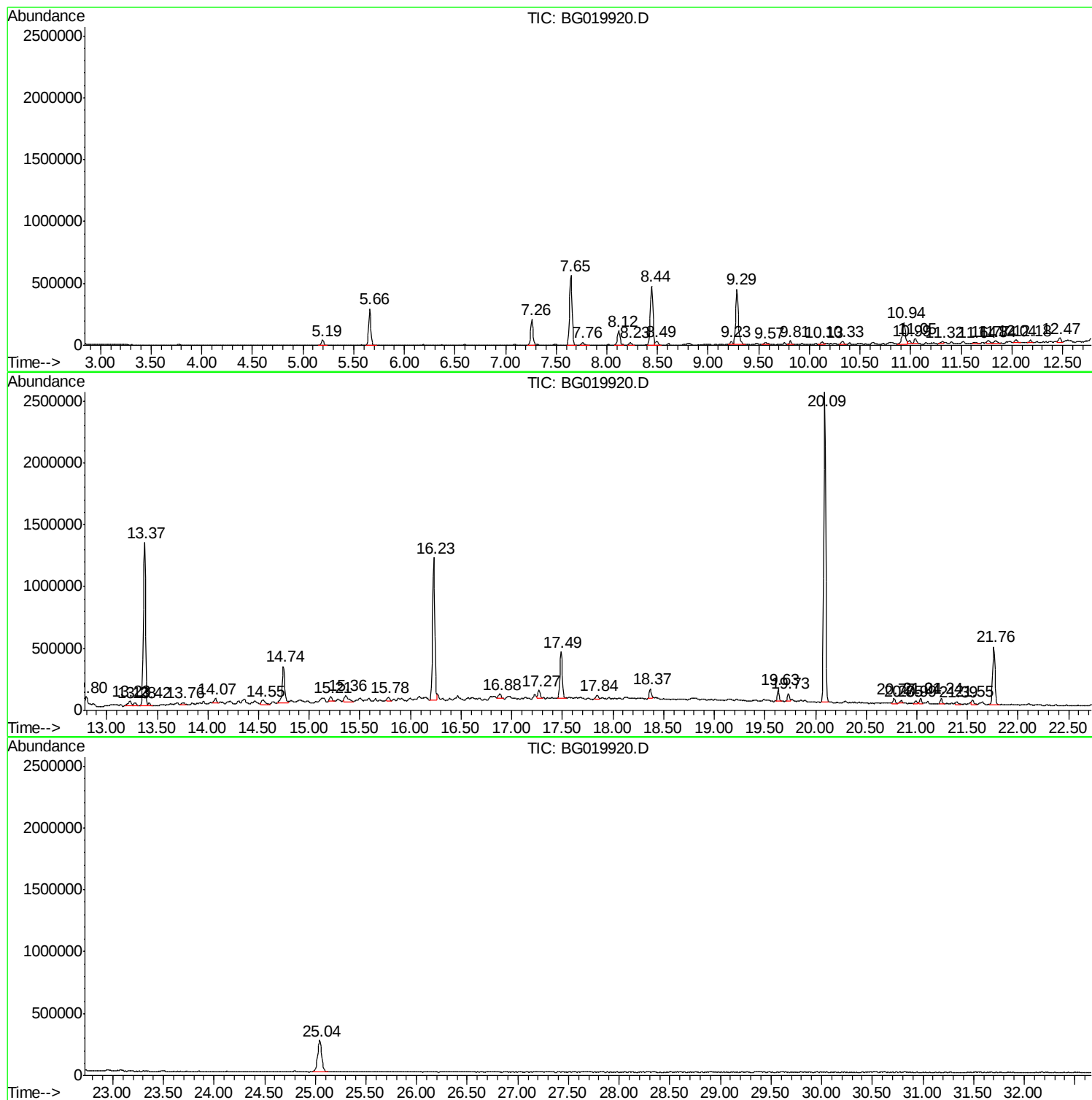
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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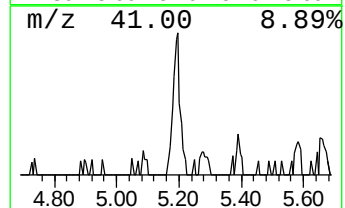
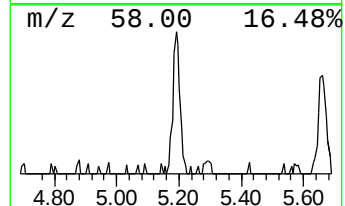
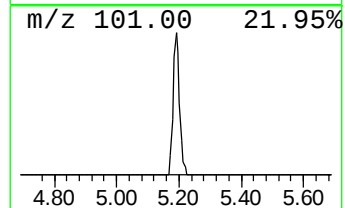
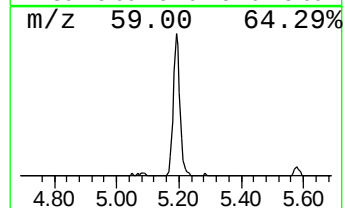
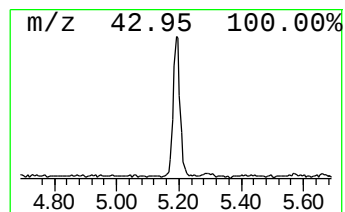
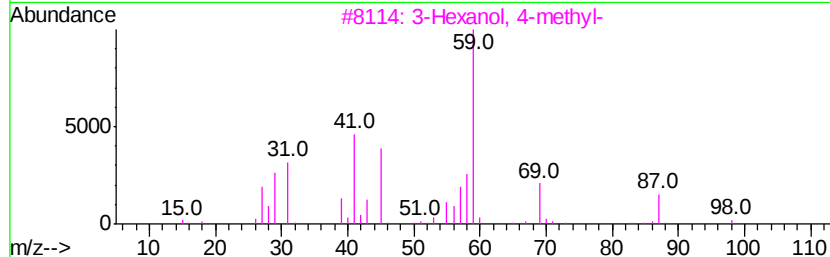
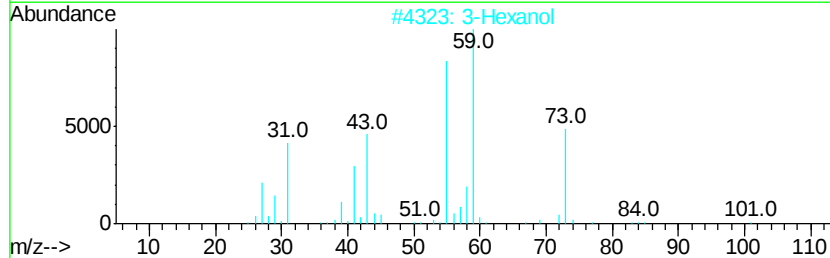
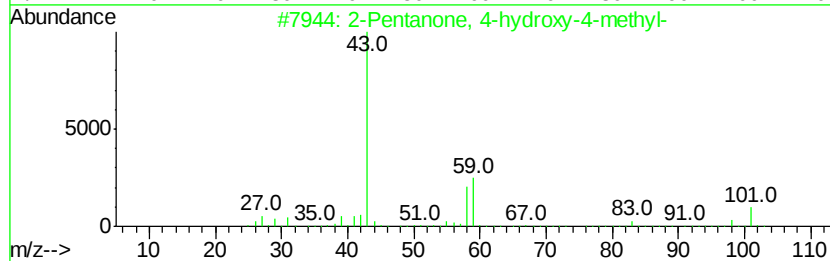
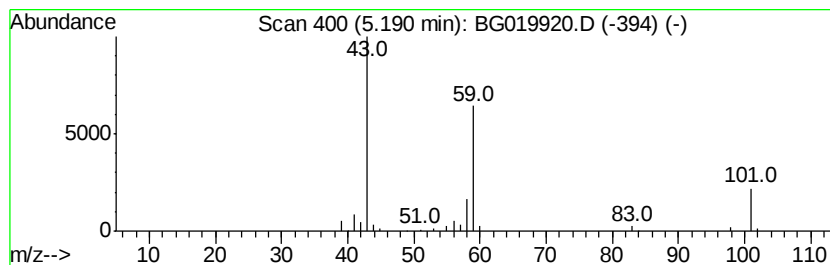
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	6.70 ng	65993	1,4-Dichlorobenzene-d4	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			3-Hexanol	102	C6H14O	000623-37-0	28
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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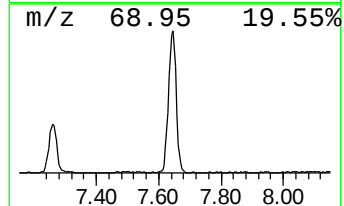
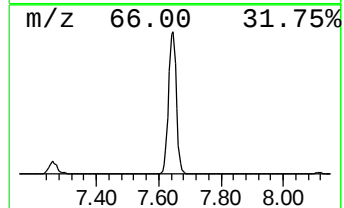
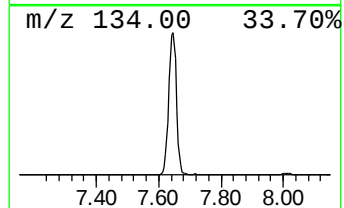
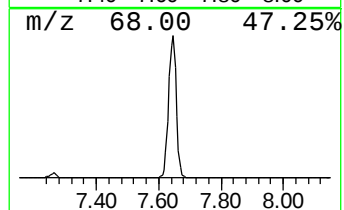
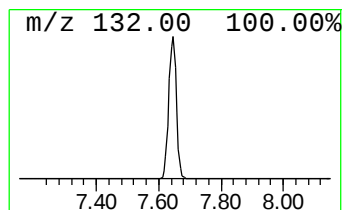
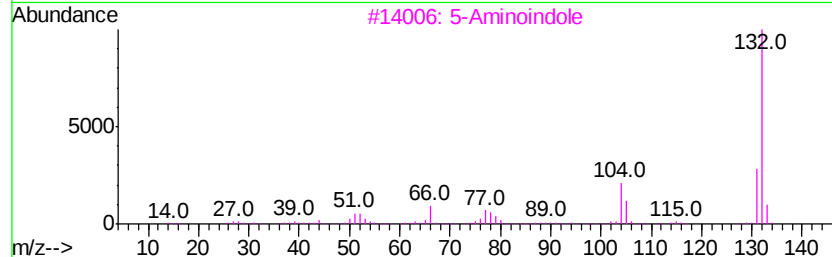
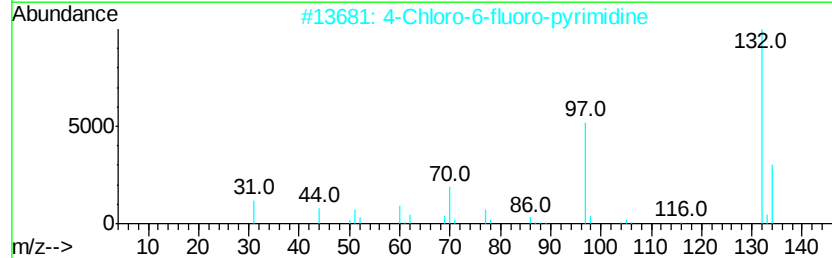
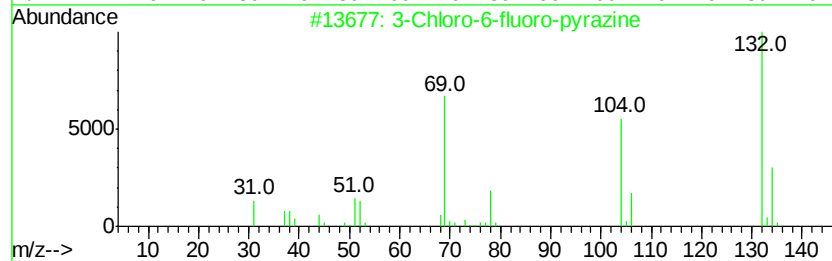
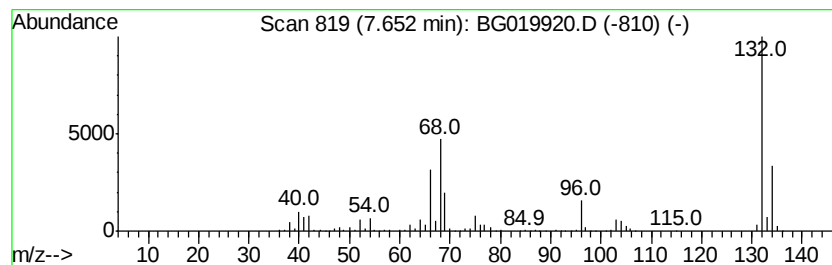
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	96.73 ng	953303	1,4-Dichlorobenzene-d4	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5		5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1H		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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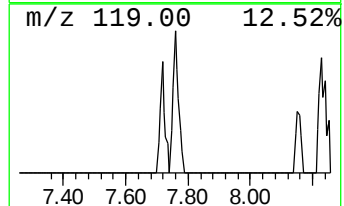
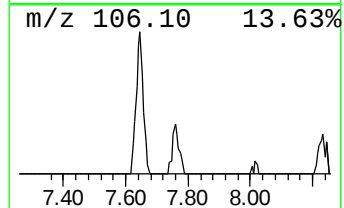
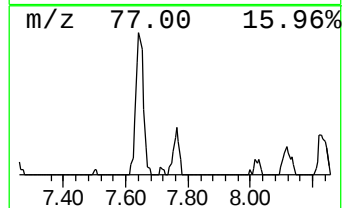
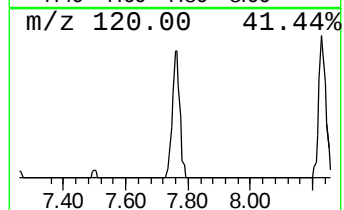
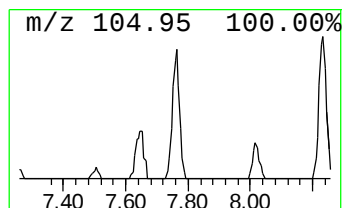
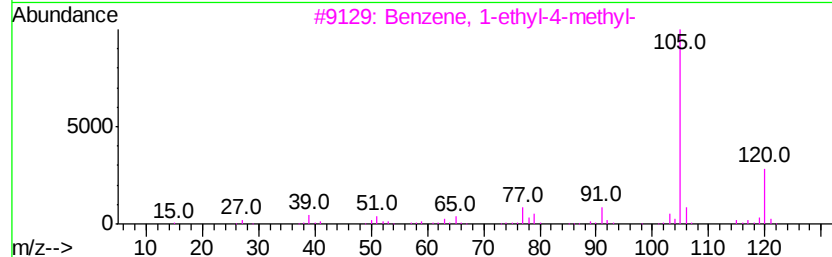
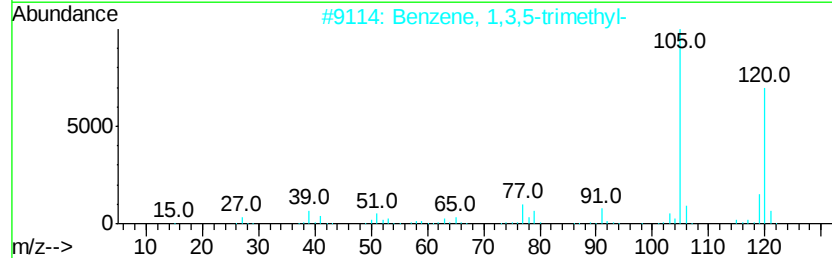
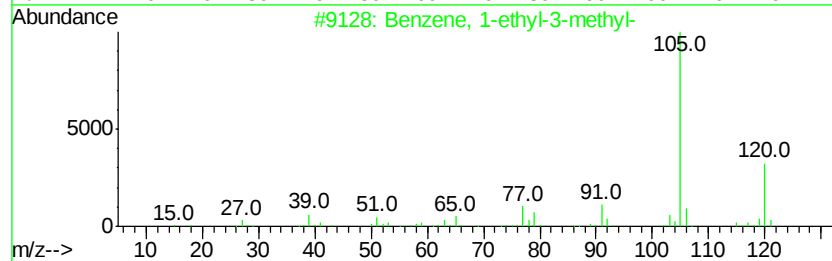
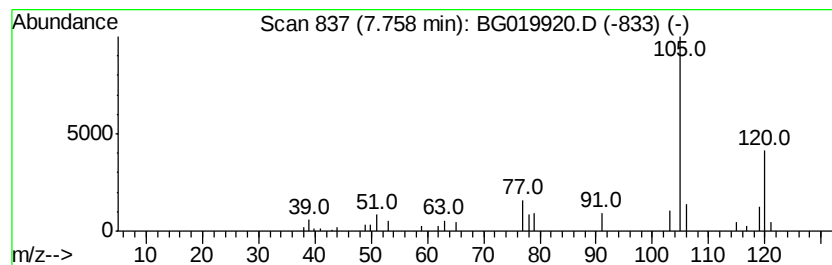
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	4.08 ng	40211	1,4-Dichlorobenzene-d4	8.12

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



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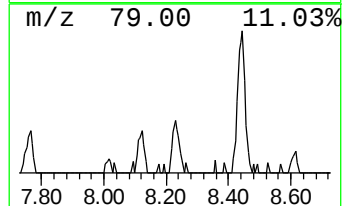
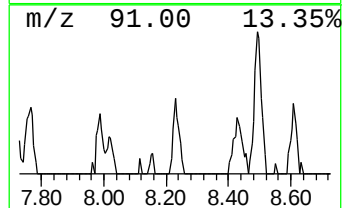
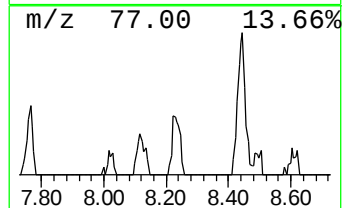
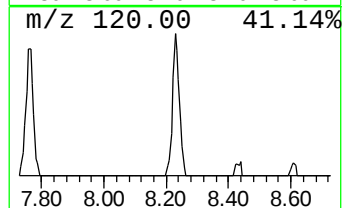
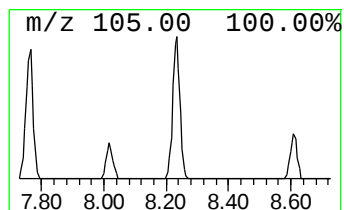
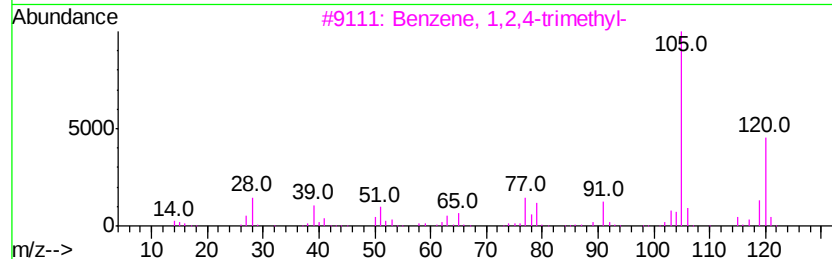
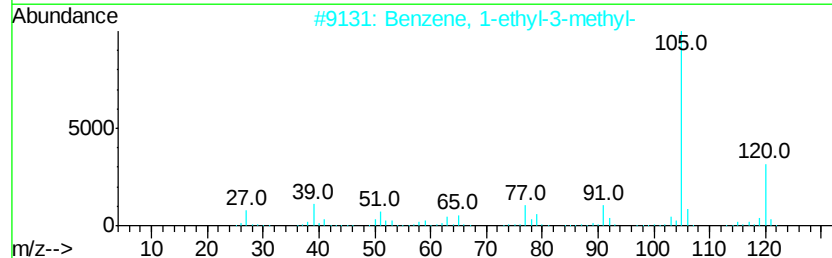
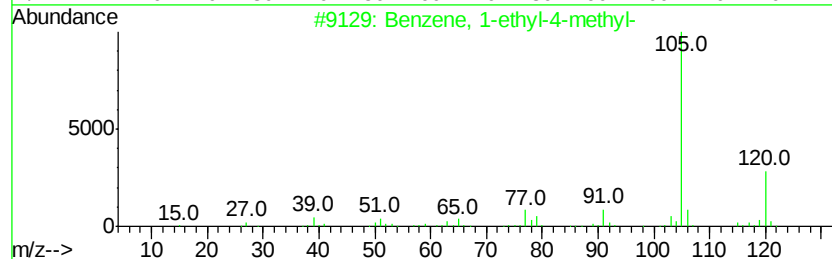
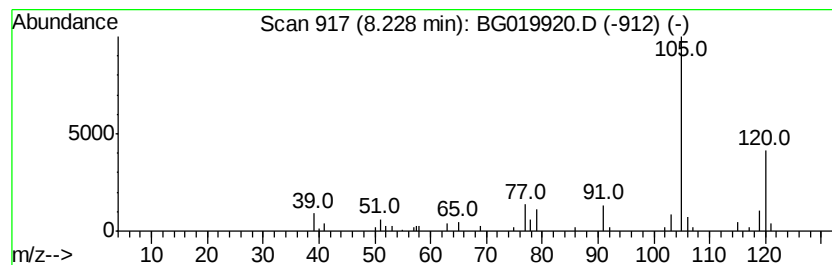
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	4.00 ng	39425	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	80



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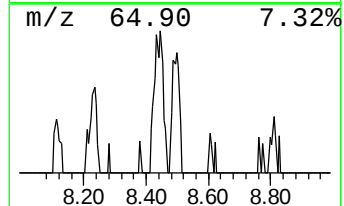
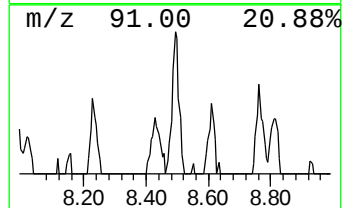
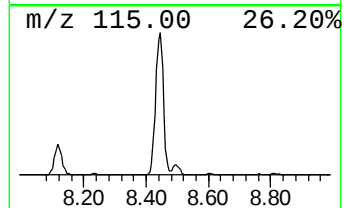
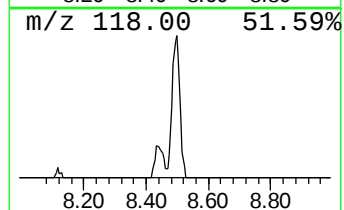
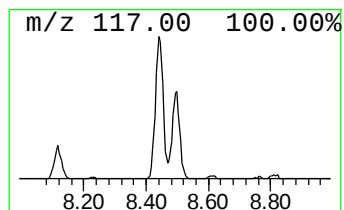
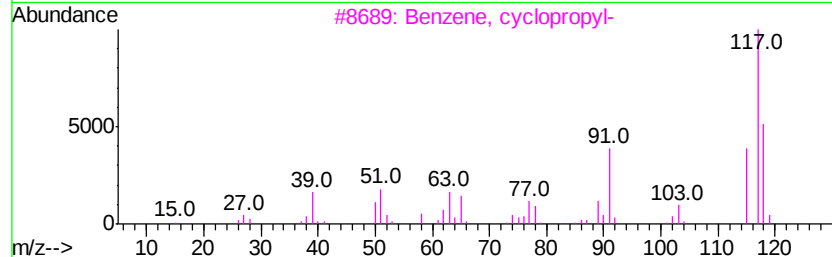
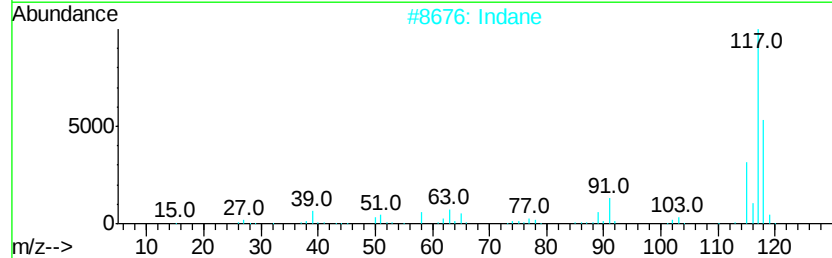
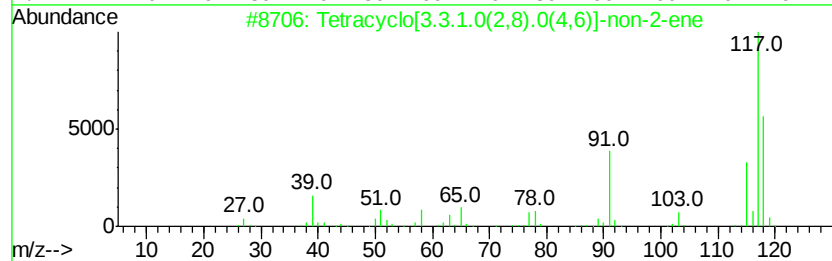
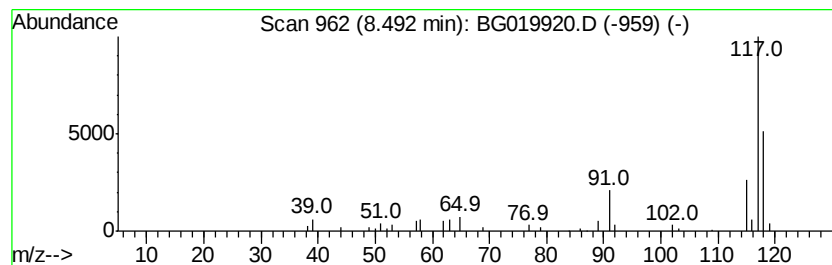
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	5.41 ng	53318	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	72
2		Indane	118	C9H10	000496-11-7	72
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4		Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50
5		Deltacyclene	118	C9H10	007785-10-6	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019920.D
Acq On : 5 Dec 2015 00:56
Operator : UM/NP
Sample : G4630-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-31

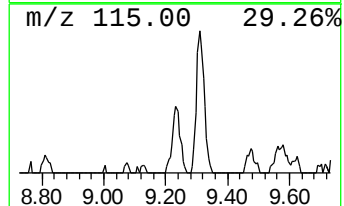
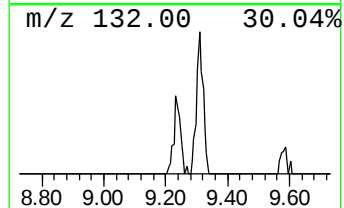
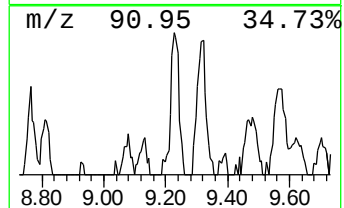
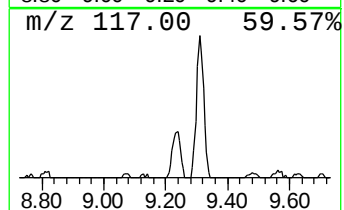
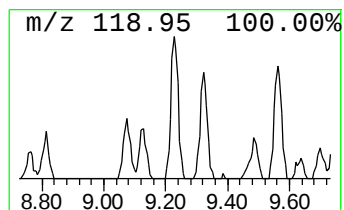
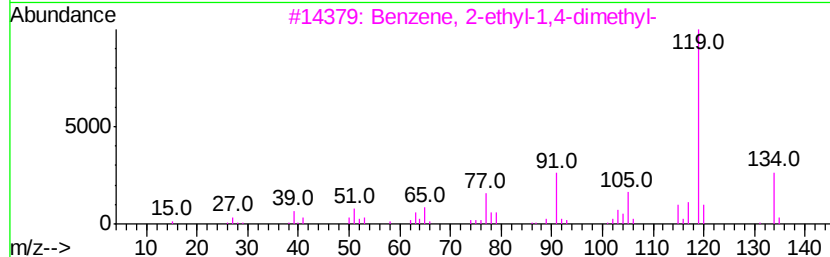
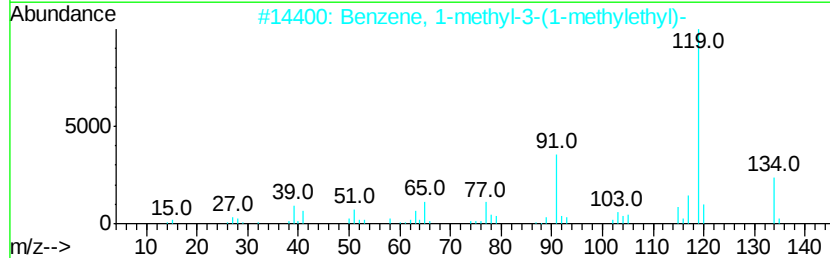
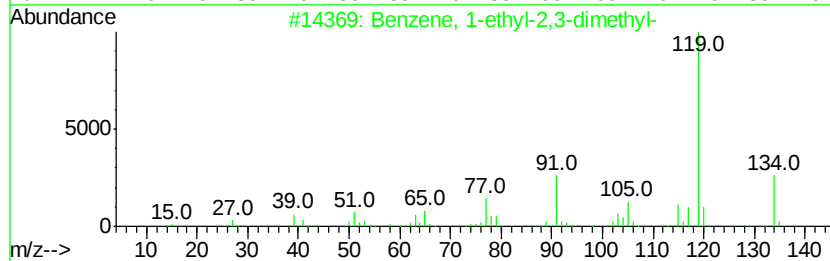
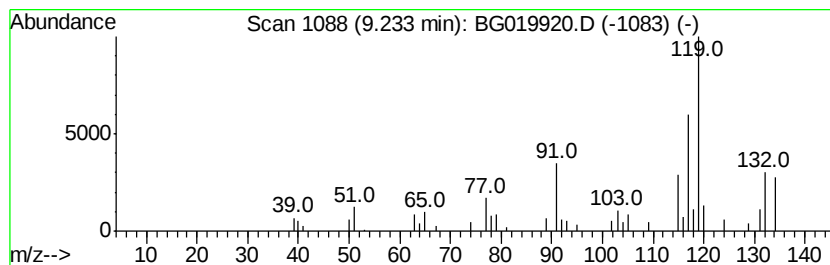
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	4.00 ng	39461	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	64
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019920.D
Acq On : 5 Dec 2015 00:56
Operator : UM/NP
Sample : G4630-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-31

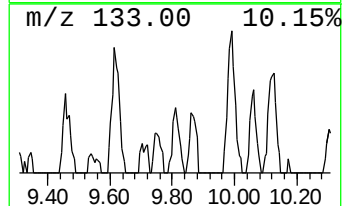
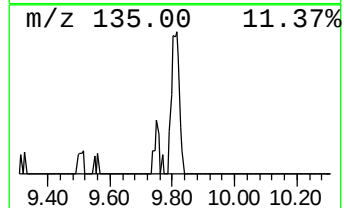
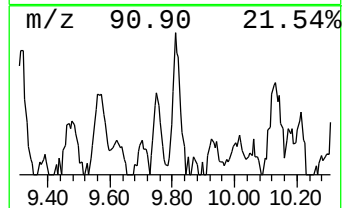
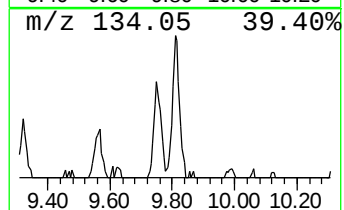
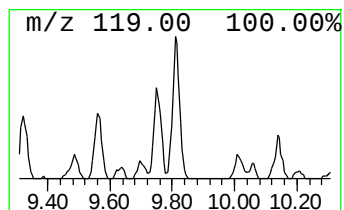
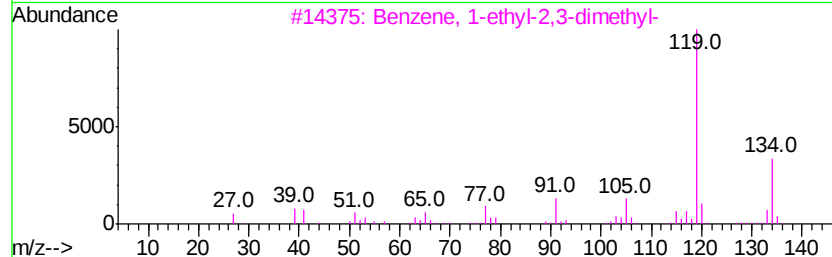
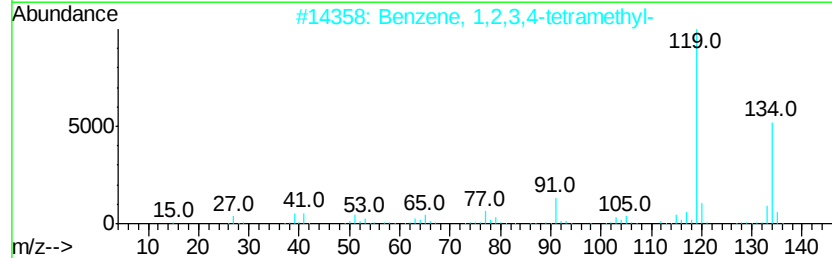
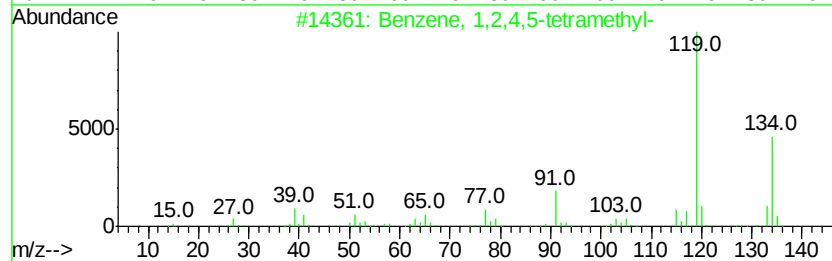
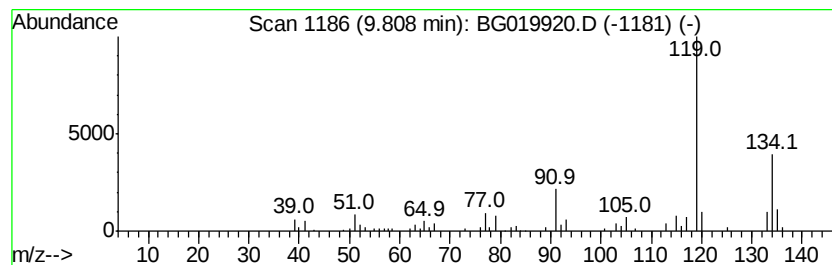
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	2.70 ng	52426	Naphthalene-d8	10.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019920.D
Acq On : 5 Dec 2015 00:56
Operator : UM/NP
Sample : G4630-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-31

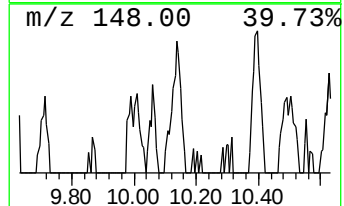
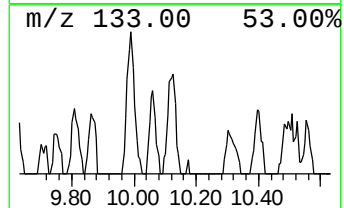
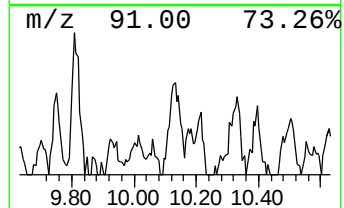
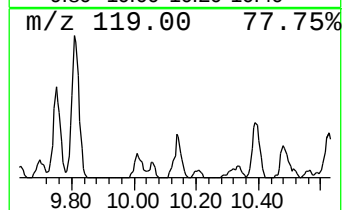
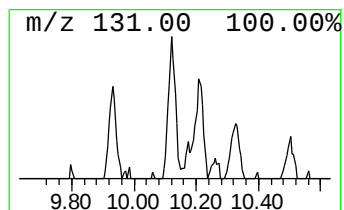
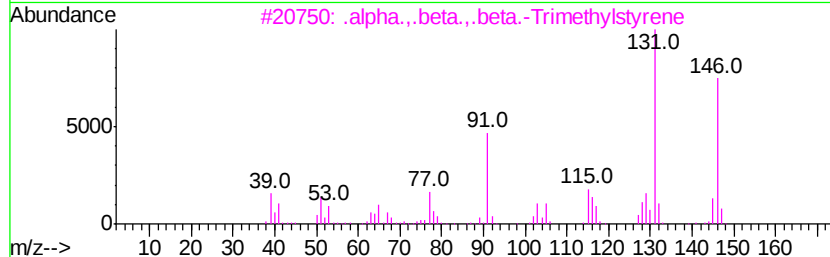
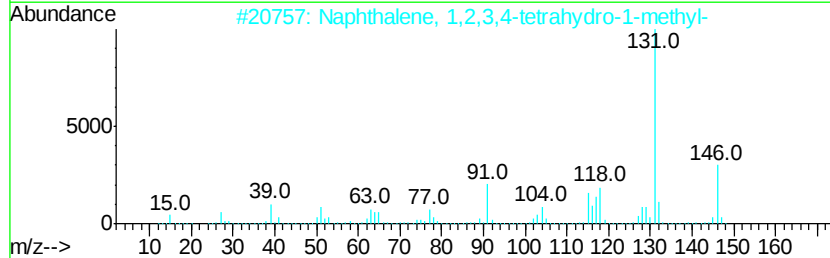
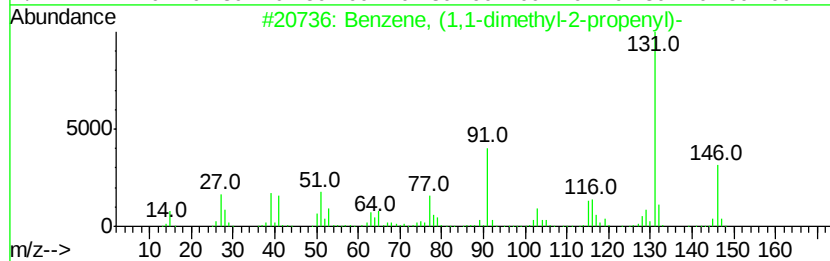
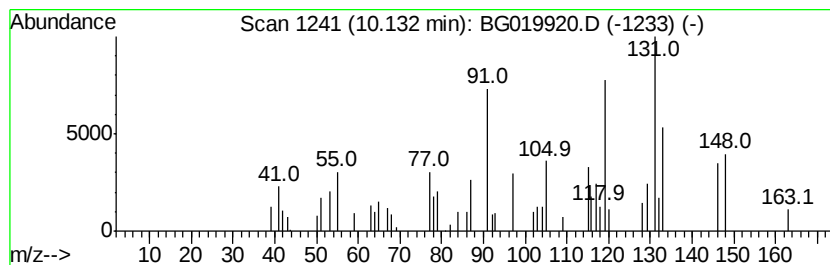
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, (1,1-dimethyl-2-propenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	2.70 ng	52495	Naphthalene-d8	10.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	89
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	86
3		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	50
4		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	50
5		1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019920.D
Acq On : 5 Dec 2015 00:56
Operator : UM/NP
Sample : G4630-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

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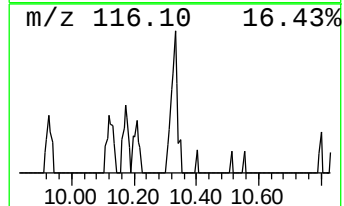
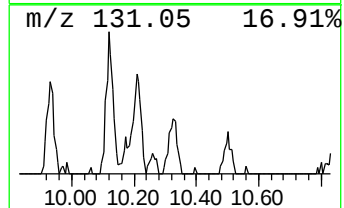
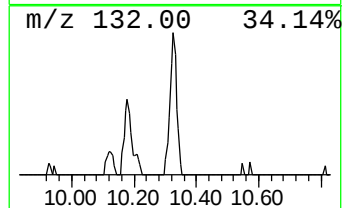
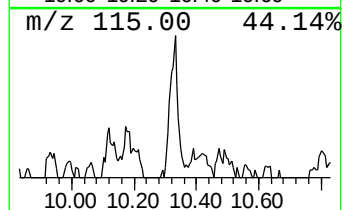
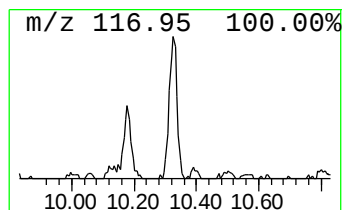
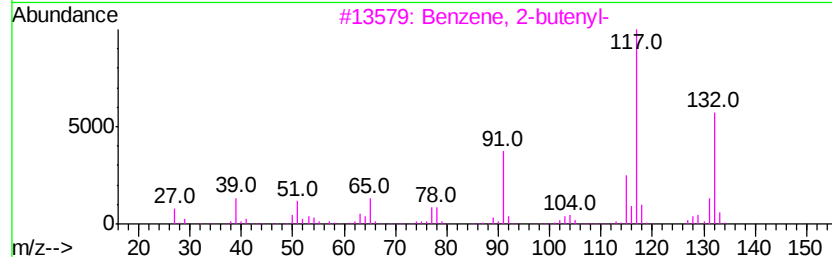
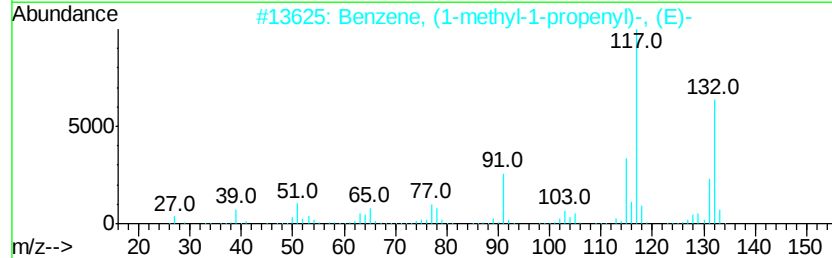
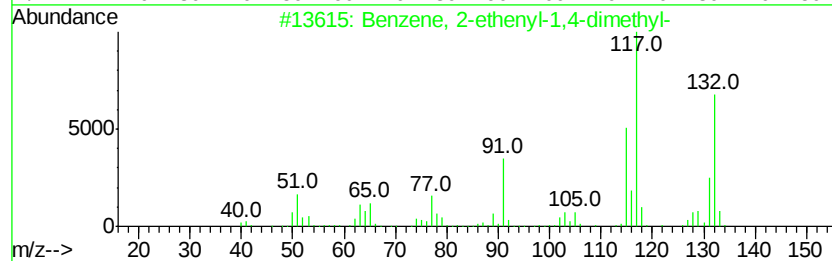
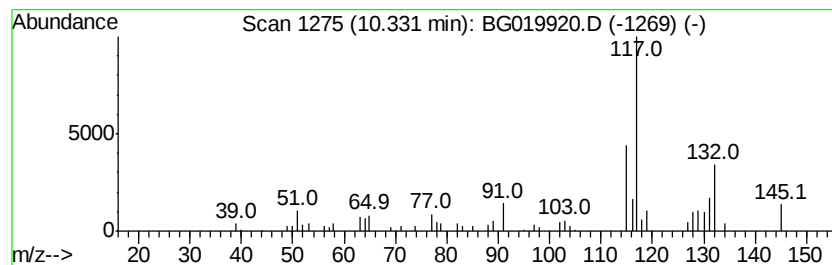
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.74 ng	53214	Naphthalene-d8	10.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	87
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019920.D
Acq On : 5 Dec 2015 00:56
Operator : UM/NP
Sample : G4630-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-31

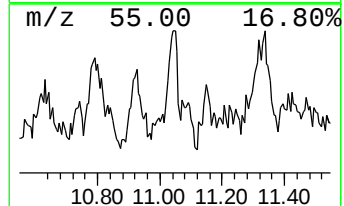
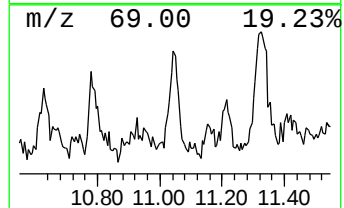
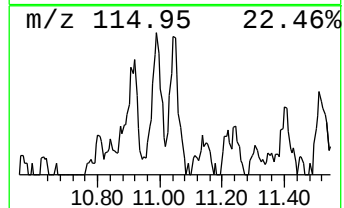
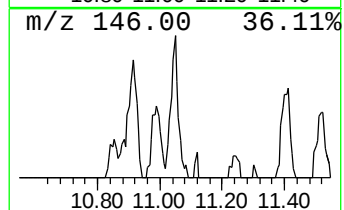
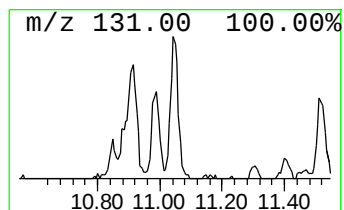
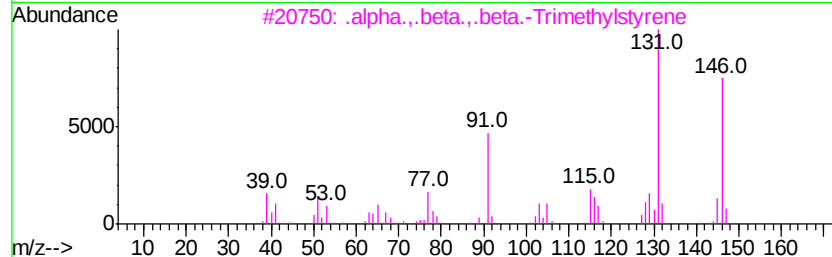
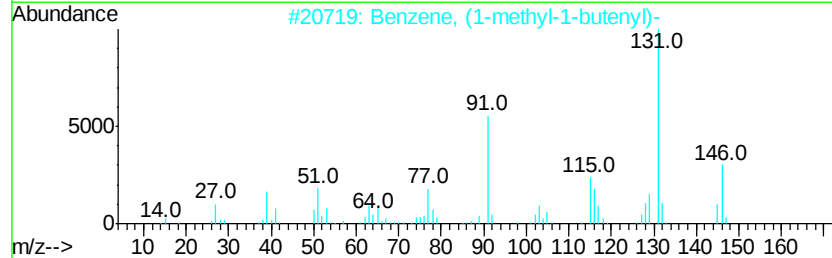
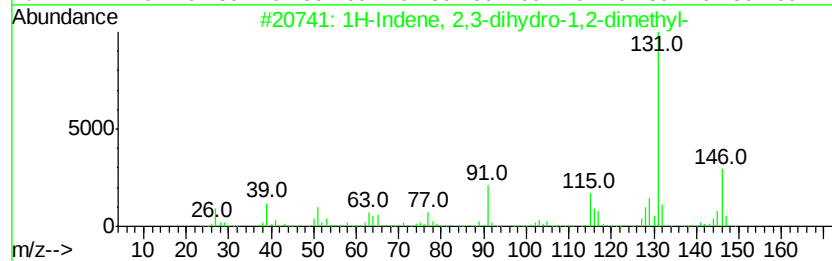
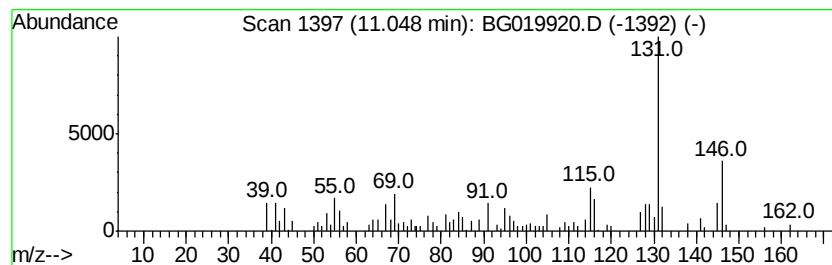
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	3.48 ng	67537	Napthalene-d8	10.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
3		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	87
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019920.D
Acq On : 5 Dec 2015 00:56
Operator : UM/NP
Sample : G4630-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

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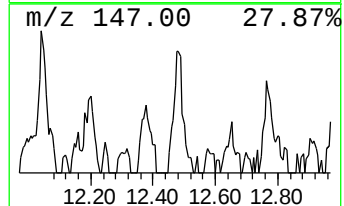
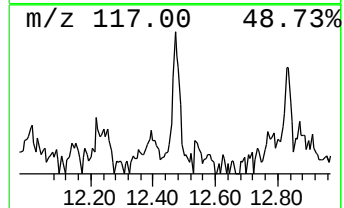
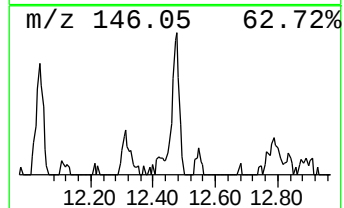
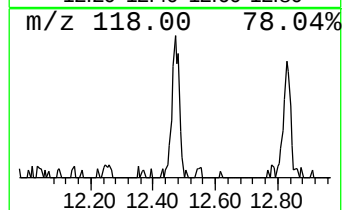
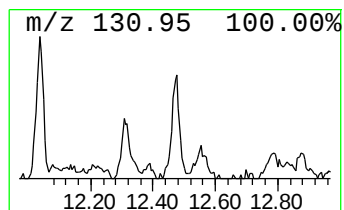
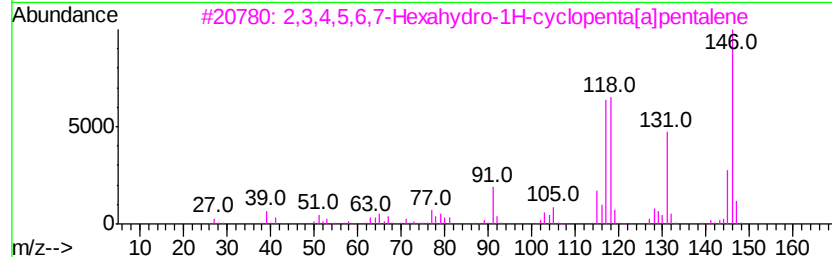
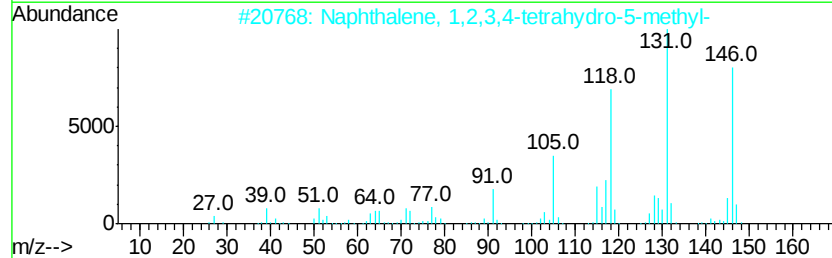
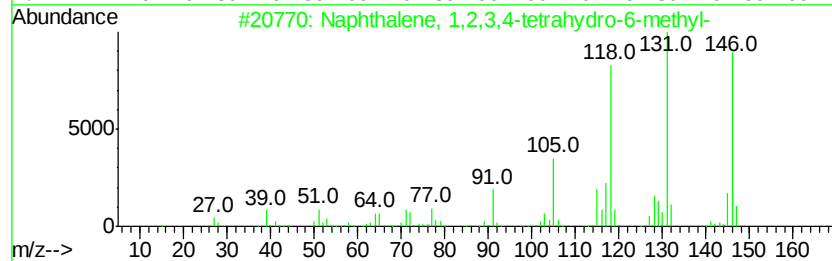
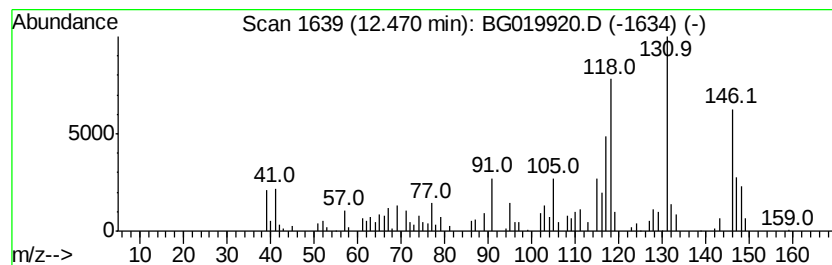
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.32 ng	64454	Naphthalene-d8	10.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	76
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	68
3			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	62
4			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	55
5			1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	55



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019920.D
Acq On : 5 Dec 2015 00:56
Operator : UM/NP
Sample : G4630-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-31

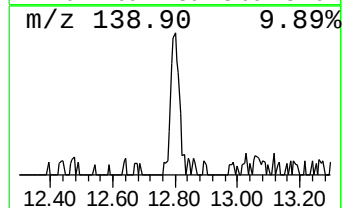
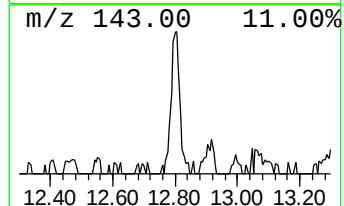
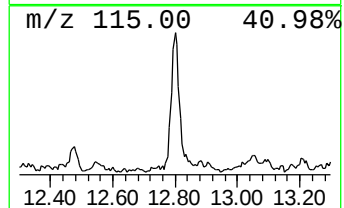
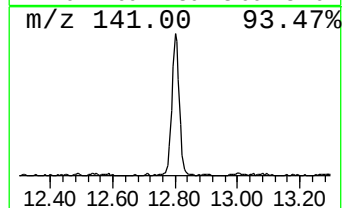
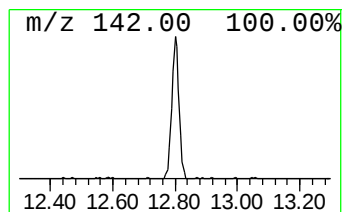
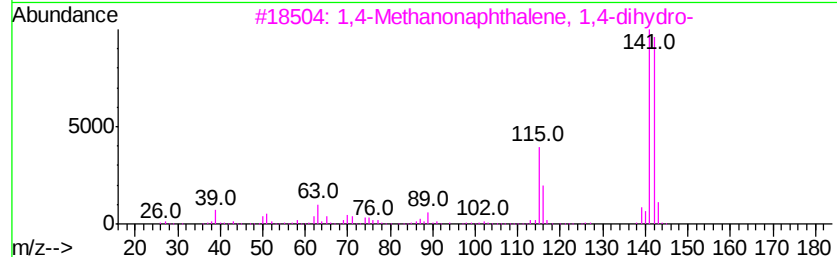
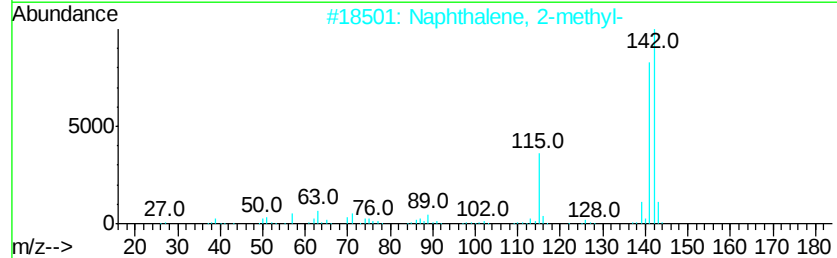
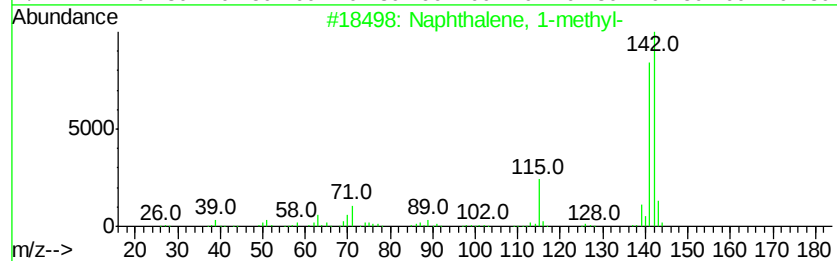
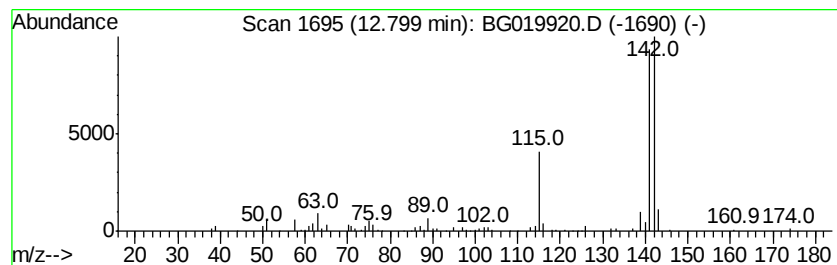
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	5.24 ng	101804	Naphthalene-d8	10.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019920.D
Acq On : 5 Dec 2015 00:56
Operator : UM/NP
Sample : G4630-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

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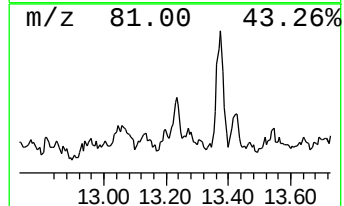
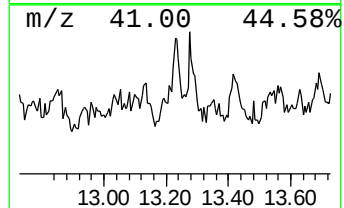
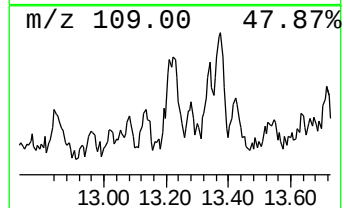
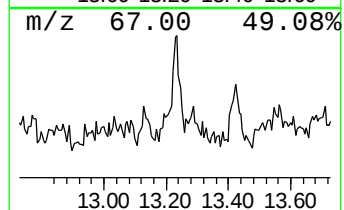
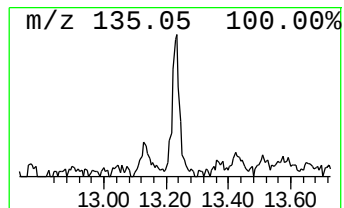
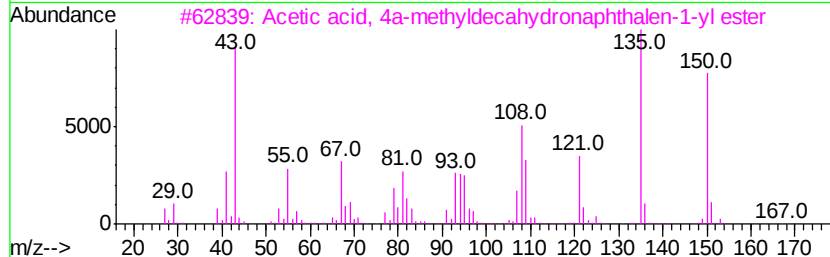
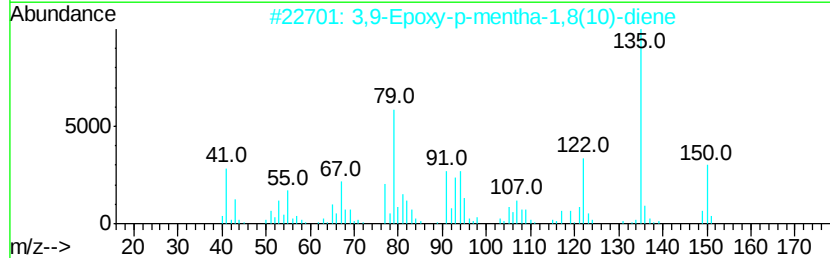
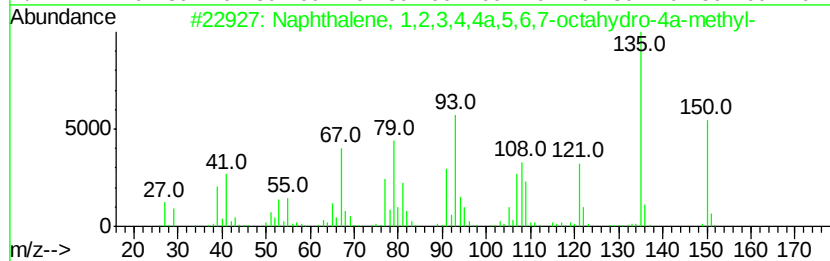
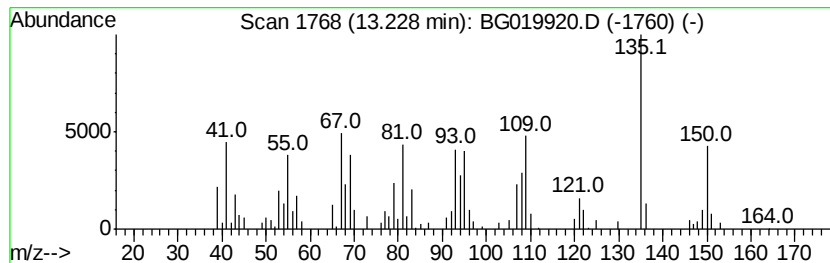
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.91 ng	80845	Acenaphthene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	53
2		3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	49
3		Acetic acid, 4a-methyldecahydron...	210	C13H22O2	1000191-50-9	47
4		Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	38
5		Heptafluorobutanoic acid, 1-adam...	362	C15H17F7O2	1000282-96-9	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019920.D
Acq On : 5 Dec 2015 00:56
Operator : UM/NP
Sample : G4630-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

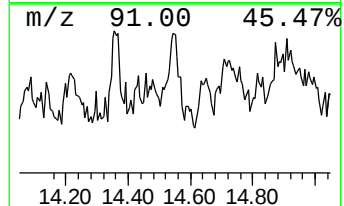
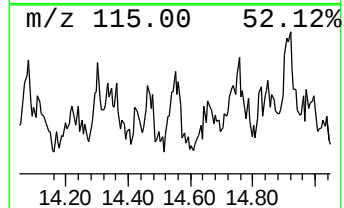
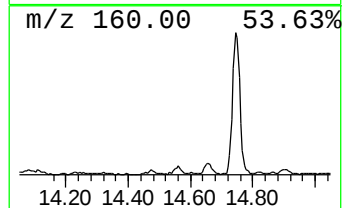
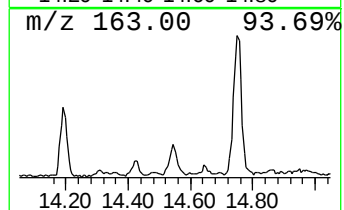
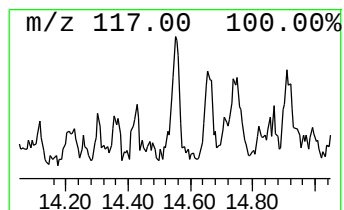
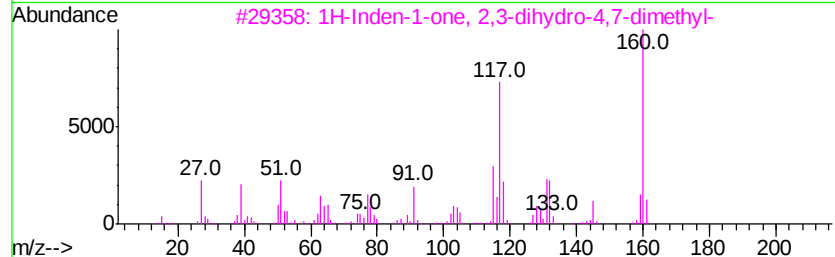
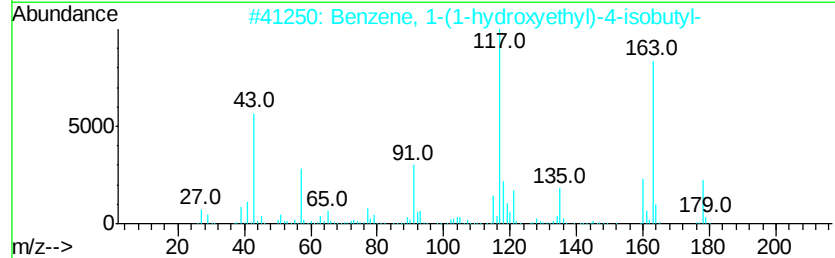
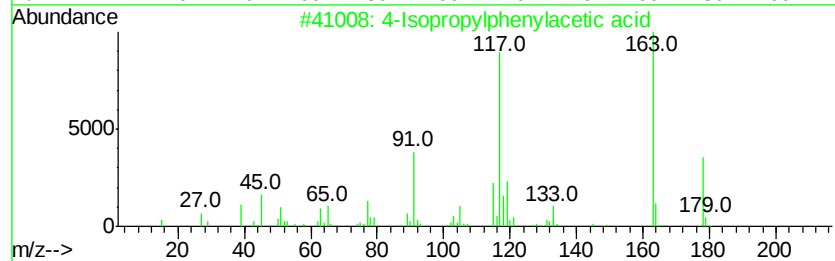
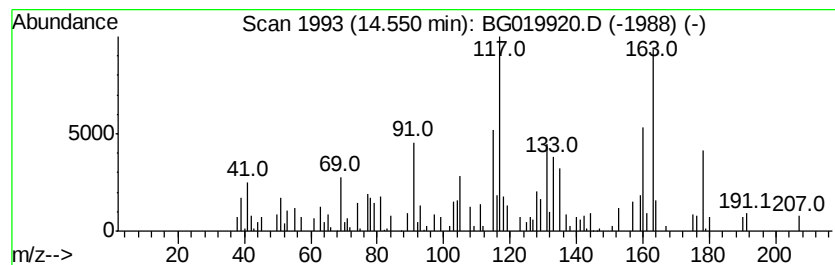
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4-Isopropylphenylacetic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.55	3.14 ng	87189	Acenaphthene-d10	14.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	60
2	Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	50
3	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	38
4	2-Methyl-2-phenylthiophane	178	C11H14S	014856-67-8	38
5	3-Penten-2-one, 5-phenyl-	160	C11H12O	010521-97-8	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019920.D
Acq On : 5 Dec 2015 00:56
Operator : UM/NP
Sample : G4630-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

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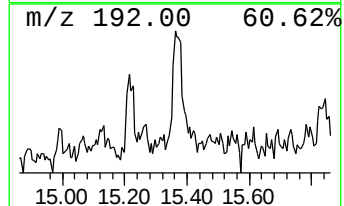
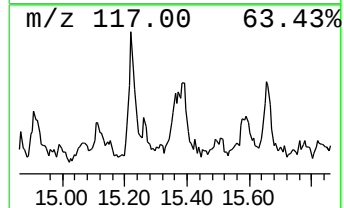
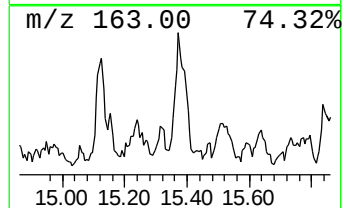
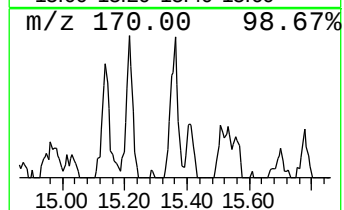
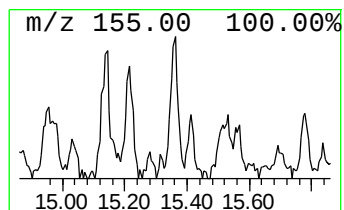
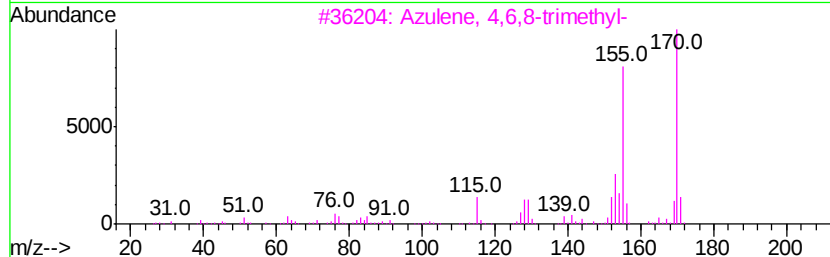
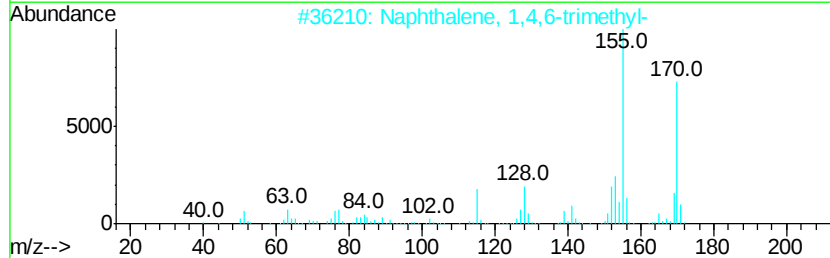
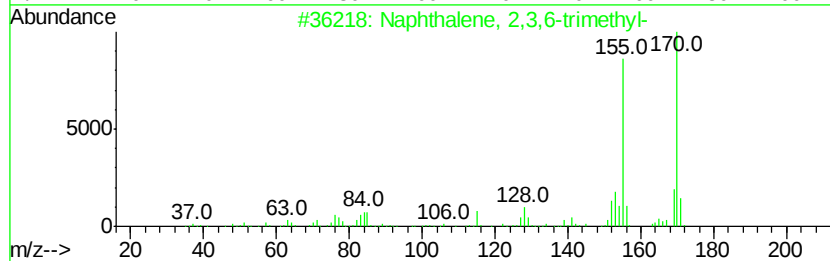
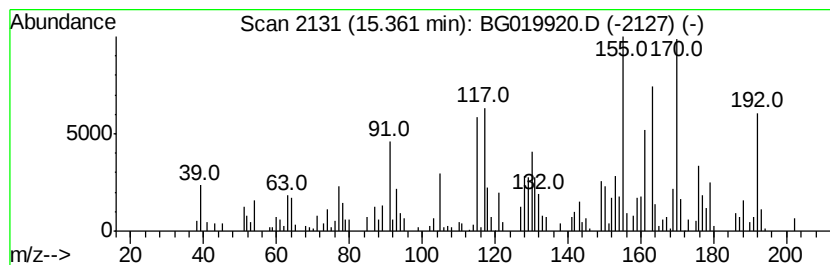
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown15.36 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	4.71 ng	130573	Acenaphthene-d10	14.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	38
3			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	38
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38
5			1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019920.D
Acq On : 5 Dec 2015 00:56
Operator : UM/NP
Sample : G4630-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

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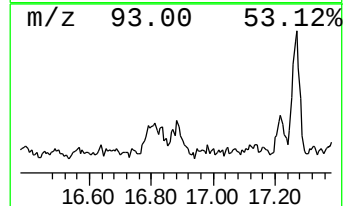
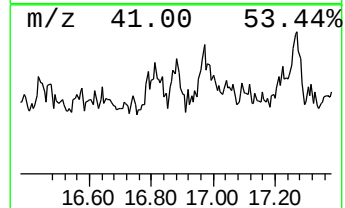
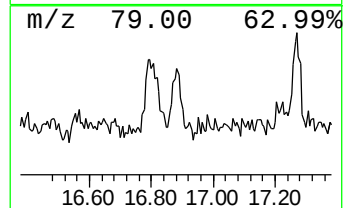
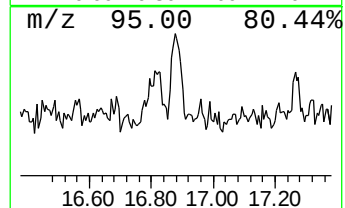
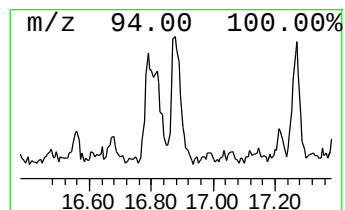
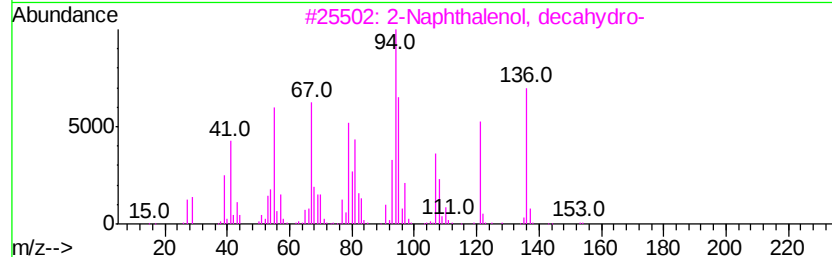
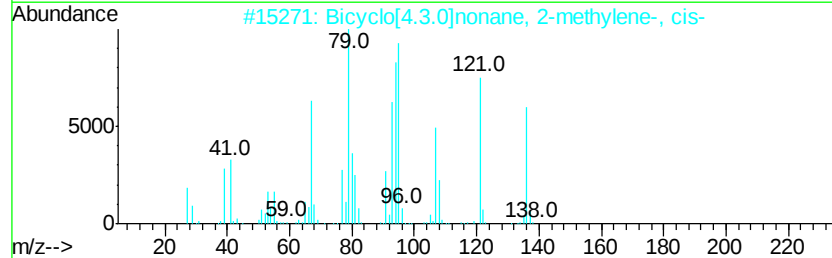
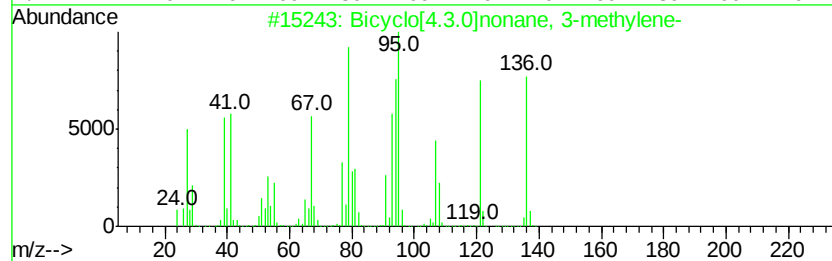
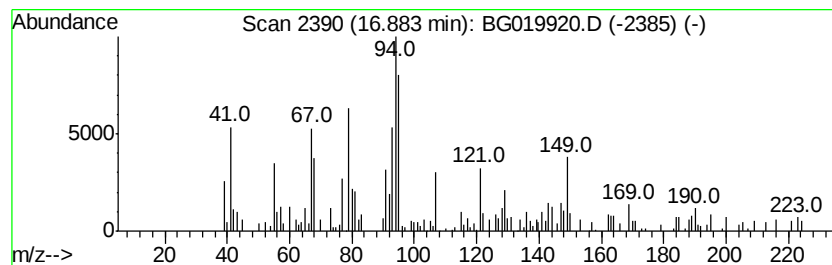
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Bicyclo[4.3.0]nonane, 3-met... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	2.38 ng	68982	Phenanthrene-d10	17.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.3.0]nonane, 3-methylene-	136	C10H16	1000152-00-6	70
2		Bicyclo[4.3.0]nonane, 2-methylen...	136	C10H16	040954-37-8	62
3		2-Naphthalenol, decahydro-	154	C10H18O	000825-51-4	50
4		3-Cyclohexene-1-ethanol, .beta.,...	154	C10H18O	013835-75-1	43
5		1H-Pyrrole, 2,3-dimethyl-	95	C6H9N	000600-28-2	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
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Acq On : 5 Dec 2015 00:56
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Misc :
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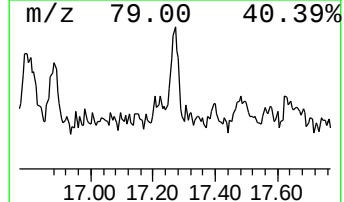
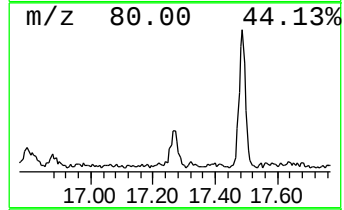
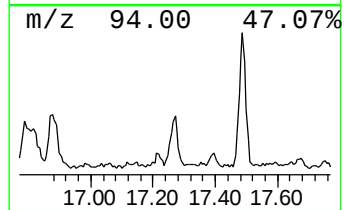
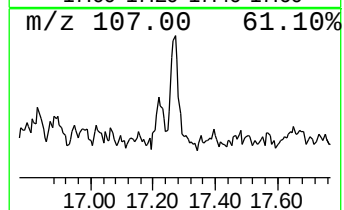
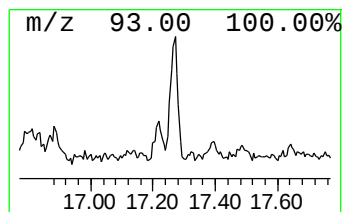
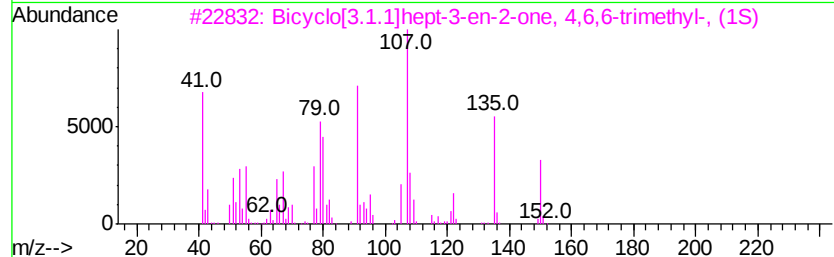
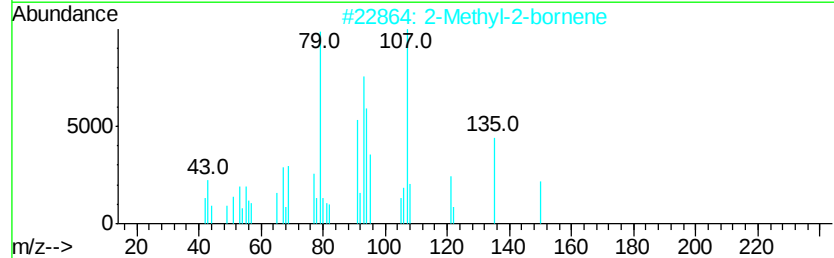
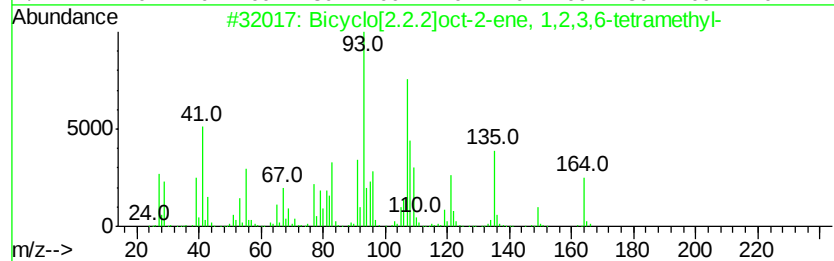
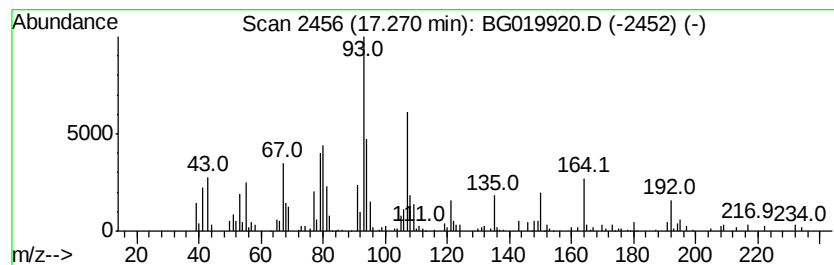
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.27 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	3.29 ng	95210	Phenanthrene-d10	17.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.2]oct-2-ene, 1,2,3,6...	164	C12H20	062376-14-1	43
2			2-Methyl-2-bornene	150	C11H18	072540-93-3	35
3			Bicyclo[3.1.1]hept-3-en-2-one, 4...	150	C10H14O	001196-01-6	30
4			2-Ethylimino-4-methyl-pent-3-ene...	136	C8H12N2	1000189-21-6	30
5			1,3,6-Heptatriene, 2,5,6-trimethyl-	136	C10H16	042123-66-0	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019920.D
Acq On : 5 Dec 2015 00:56
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Sample : G4630-06
Misc :
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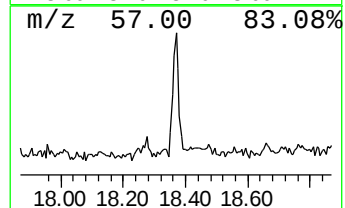
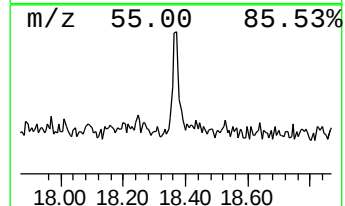
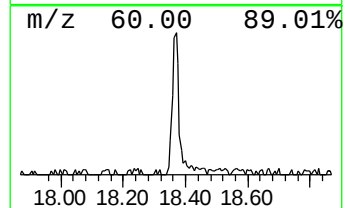
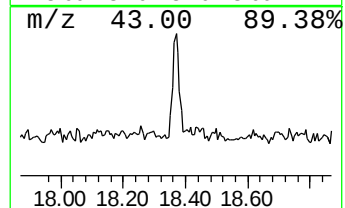
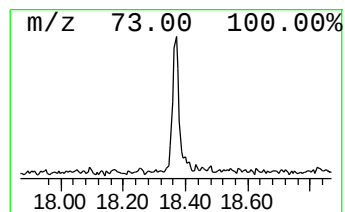
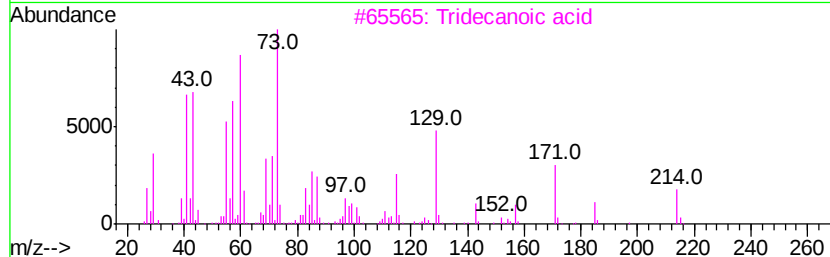
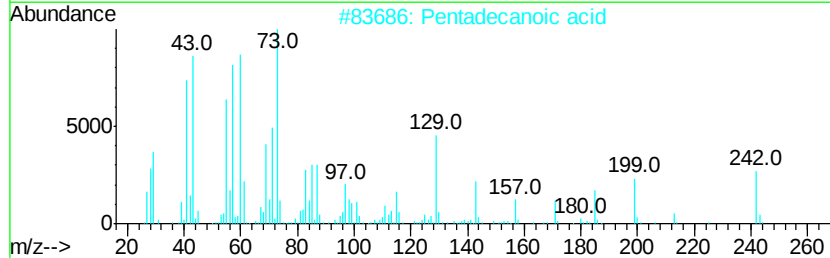
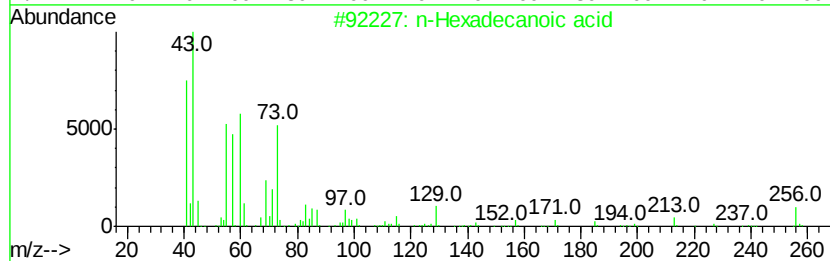
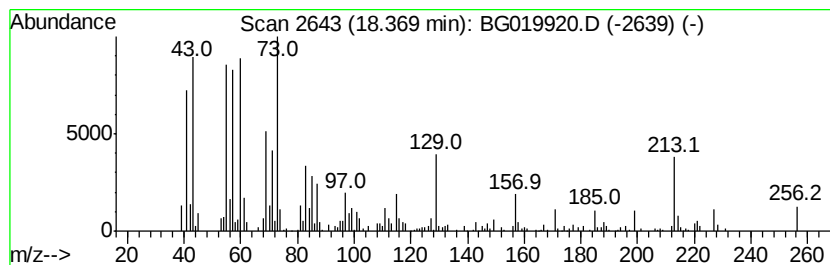
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.67 ng	106265	Phenanthrene-d10	17.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3			Tridecanoic acid	214	C13H26O2	000638-53-9	76
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019920.D
Acq On : 5 Dec 2015 00:56
Operator : UM/NP
Sample : G4630-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-31

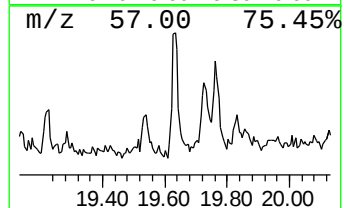
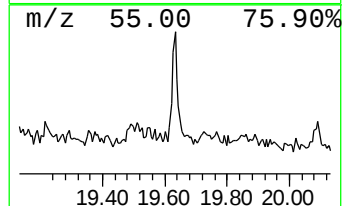
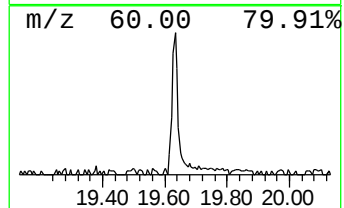
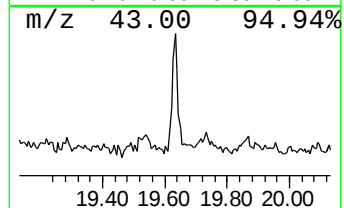
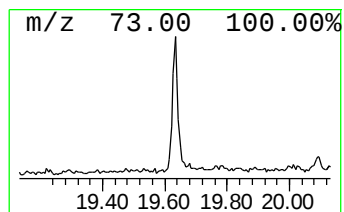
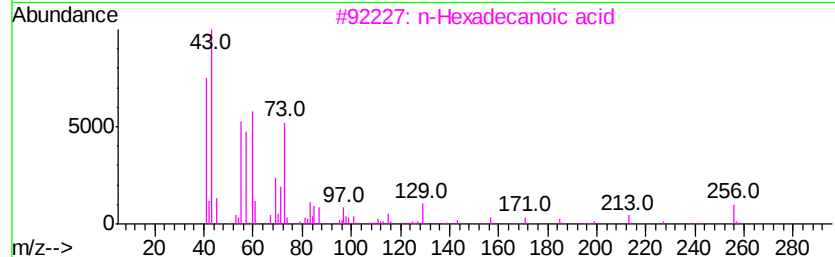
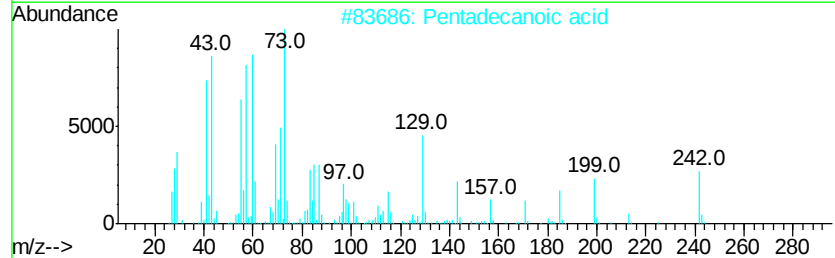
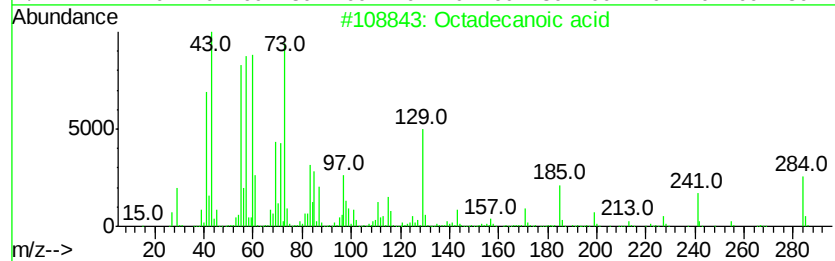
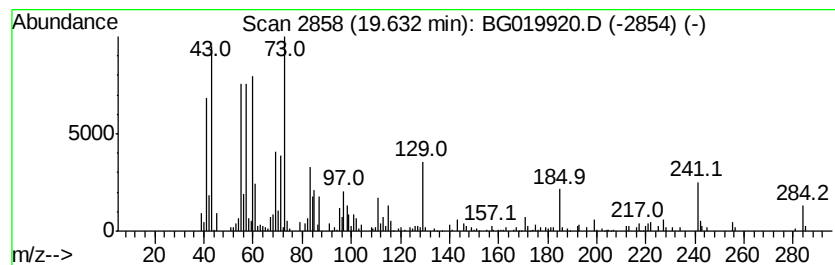
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	3.12 ng	120182	Chrysene-d12	21.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120415\
 Data File : BG019920.D
 Acq On : 5 Dec 2015 00:56
 Operator : UM/NP
 Sample : G4630-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-31

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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
2-Pentanone, 4-hy...	5.19	6.7	ng	65993	1	8.12	197103	20.0
unknown7.65	7.65	96.7	ng	953303	1	8.12	197103	20.0
Benzene, 1-ethyl-...	7.76	4.1	ng	40211	1	8.12	197103	20.0
Benzene, 1-ethyl-...	8.23	4.0	ng	39425	1	8.12	197103	20.0
Tetracyclo[3.3.1....	8.49	5.4	ng	53318	1	8.12	197103	20.0
Benzene, 1-ethyl-...	9.23	4.0	ng	39461	1	8.12	197103	20.0
Benzene, 1,2,4,5-...	9.81	2.7	ng	52426	2	10.94	388599	20.0
Benzene, (1,1-dim...	10.13	2.7	ng	52495	2	10.94	388599	20.0
Benzene, 2-etheny...	10.33	2.7	ng	53214	2	10.94	388599	20.0
1H-Indene, 2,3-di...	11.05	3.5	ng	67537	2	10.94	388599	20.0
Naphthalene, 1,2,...	12.47	3.3	ng	64454	2	10.94	388599	20.0
Naphthalene, 1-me...	12.80	5.2	ng	101804	2	10.94	388599	20.0
Naphthalene, 1,2,...	13.23	2.9	ng	80845	3	14.74	554923	20.0
4-Isopropylphenyl...	14.55	3.1	ng	87189	3	14.74	554923	20.0
unknown15.36	15.36	4.7	ng	130573	3	14.74	554923	20.0
Bicyclo[4.3.0]non...	16.88	2.4	ng	68982	4	17.49	579124	20.0
unknown17.27	17.27	3.3	ng	95210	4	17.49	579124	20.0
n-Hexadecanoic acid	18.37	3.7	ng	106265	4	17.49	579124	20.0
Octadecanoic acid	19.63	3.1	ng	120182	5	21.76	770015	20.0