

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
 Data File : BG02254.D
 Acq On : 9 Jun 2016 4:47
 Operator : UM/SJ
 Sample : H3381-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-40

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-BG060616.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	5.664	472	481	494	rBV	195195	380277	16.22%	2.685%
2	7.274	748	755	767	rBV	134307	269272	11.49%	1.902%
3	7.650	809	819	832	rBV	409059	816406	34.83%	5.765%
4	8.008	870	880	887	rVB3	10234	25270	1.08%	0.178%
5	8.114	891	898	911	rVB	82574	163027	6.96%	1.151%
6	8.437	942	953	960	rBV	382836	785556	33.51%	5.547%
7	8.602	975	981	987	rBV3	20046	35041	1.49%	0.247%
8	8.760	1002	1008	1012	rBV2	16662	35263	1.50%	0.249%
9	8.802	1012	1015	1023	rVB2	14808	24227	1.03%	0.171%
10	9.219	1076	1086	1091	rBV2	66337	128555	5.48%	0.908%
11	9.289	1091	1098	1111	rVB	291966	629900	26.87%	4.448%
12	9.565	1137	1145	1153	rBV5	12064	26429	1.13%	0.187%
13	9.748	1170	1176	1182	rVB	43324	82894	3.54%	0.585%
14	10.118	1231	1239	1245	rBV5	21467	50527	2.16%	0.357%
15	10.323	1261	1274	1281	rBV2	138551	286125	12.21%	2.021%
16	10.564	1308	1315	1321	rVV	56622	108358	4.62%	0.765%
17	10.934	1365	1378	1382	rBV	140655	344063	14.68%	2.430%
18	10.981	1382	1386	1392	rVV	111424	234082	9.99%	1.653%
19	11.034	1392	1395	1403	rVV2	26164	49548	2.11%	0.350%
20	11.287	1433	1438	1443	rBV	13694	27478	1.17%	0.194%
21	11.393	1452	1456	1464	rVB3	20264	41471	1.77%	0.293%
22	11.510	1467	1476	1480	rBV4	20924	47369	2.02%	0.335%
23	11.833	1526	1531	1538	rVB3	19380	39928	1.70%	0.282%
24	12.027	1559	1564	1571	rVB2	21969	41884	1.79%	0.296%
25	12.115	1571	1579	1591	rVB	58508	112900	4.82%	0.797%
26	12.462	1631	1638	1646	rVB	52665	103804	4.43%	0.733%
27	12.585	1652	1659	1672	rVB	144511	280925	11.99%	1.984%
28	12.797	1684	1695	1705	rBV	158902	338730	14.45%	2.392%
29	13.232	1764	1769	1776	rBV3	38037	67286	2.87%	0.475%
30	13.367	1784	1792	1798	rBV	1001683	1696565	72.38%	11.981%
31	13.420	1798	1801	1812	rVB5	38090	72903	3.11%	0.515%
32	13.778	1857	1862	1864	rBV3	16967	27468	1.17%	0.194%
33	13.919	1879	1886	1898	rVB3	49761	136769	5.83%	0.966%
34	14.066	1901	1911	1916	rBV	92799	239764	10.23%	1.693%

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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

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.119	1916	1920	1927	rVB2	69516	132054	5.63%	0.933%
36	14.189	1927	1932	1936	rBV	31655	45306	1.93%	0.320%
37	14.301	1946	1951	1955	rBV	32155	57591	2.46%	0.407%
38	14.466	1973	1979	1984	rBV3	27344	57550	2.46%	0.406%
39	14.524	1985	1989	2000	rVB7	24268	58417	2.49%	0.413%
40	14.748	2020	2027	2034	rVB2	231591	431051	18.39%	3.044%
41	14.830	2036	2041	2047	rBV8	11617	25089	1.07%	0.177%
42	15.053	2076	2079	2089	rVB7	18239	39872	1.70%	0.282%
43	15.141	2089	2094	2098	rBV7	18799	26651	1.14%	0.188%
44	15.206	2101	2105	2109	rBV	24658	48517	2.07%	0.343%
45	15.411	2135	2140	2148	rBV	16590	34928	1.49%	0.247%
46	15.629	2171	2177	2180	rBV4	63361	127211	5.43%	0.898%
47	16.052	2245	2249	2253	rBV2	28290	50516	2.16%	0.357%
48	16.234	2273	2280	2286	rBV	712913	1218389	51.98%	8.604%
49	17.486	2487	2493	2501	rBV2	274244	473857	20.22%	3.346%
50	17.832	2547	2552	2561	rBV	50247	108611	4.63%	0.767%
51	19.724	2869	2874	2879	rBV	53533	93574	3.99%	0.661%
52	20.082	2929	2935	2948	rBV	1680862	2343942	100.00%	16.552%
53	21.228	3126	3130	3138	rVB4	19389	32303	1.38%	0.228%
54	21.763	3214	3221	3231	rBV	270770	510976	21.80%	3.608%
55	25.059	3770	3782	3797	rBV2	141791	494344	21.09%	3.491%

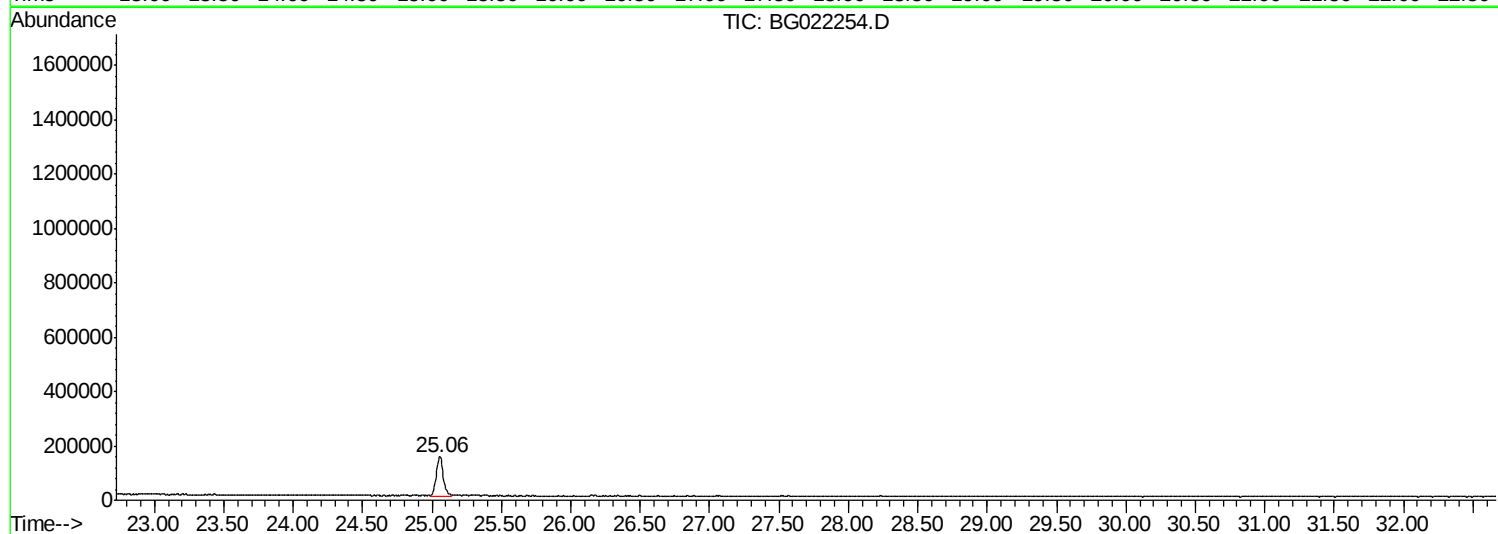
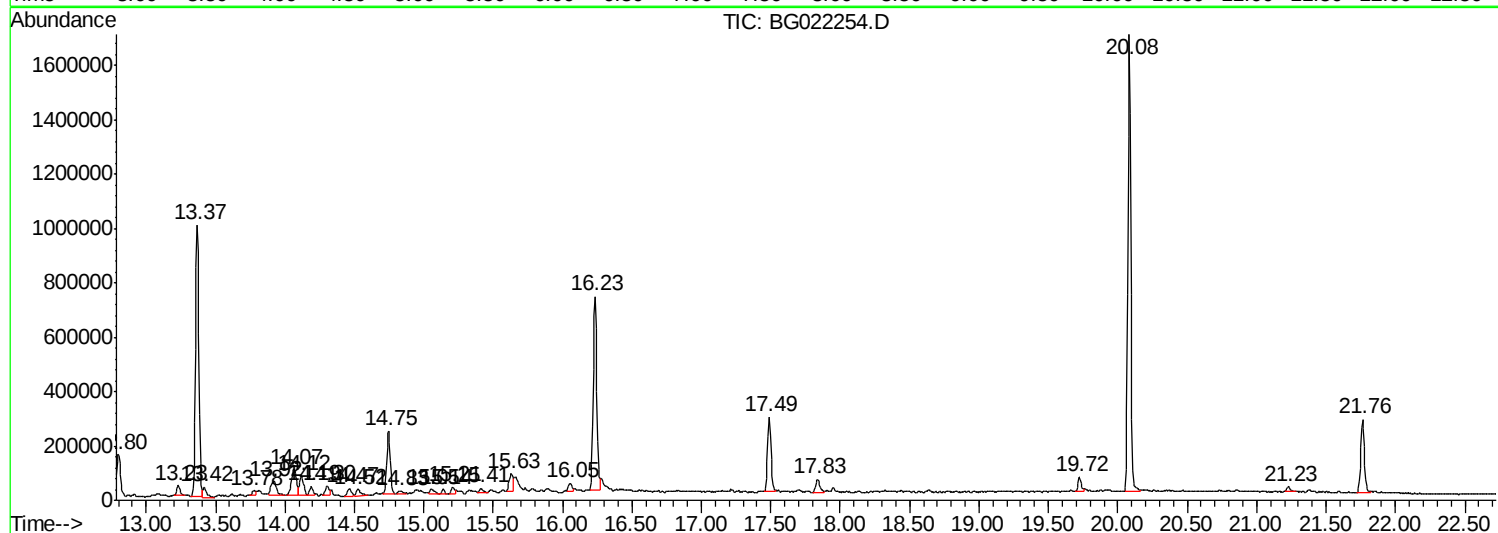
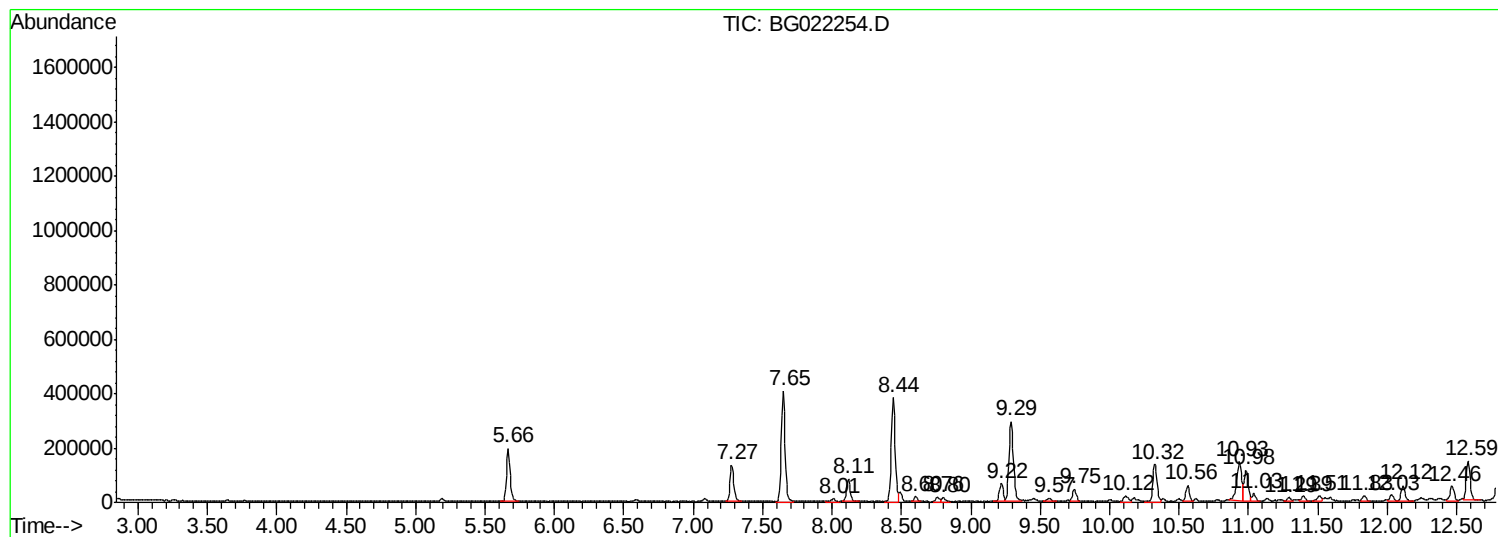
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Quant Title :

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



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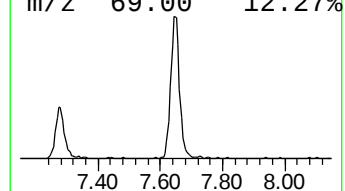
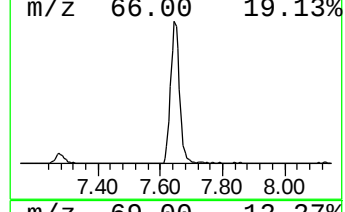
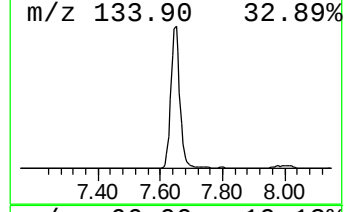
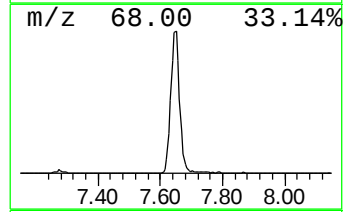
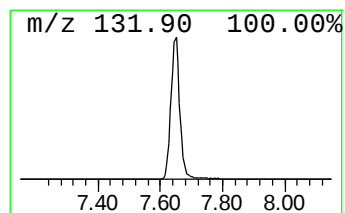
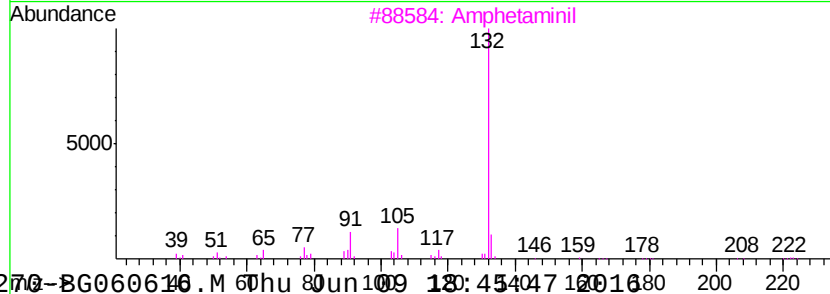
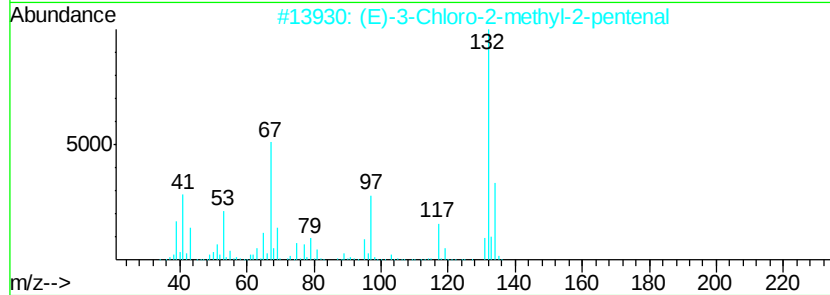
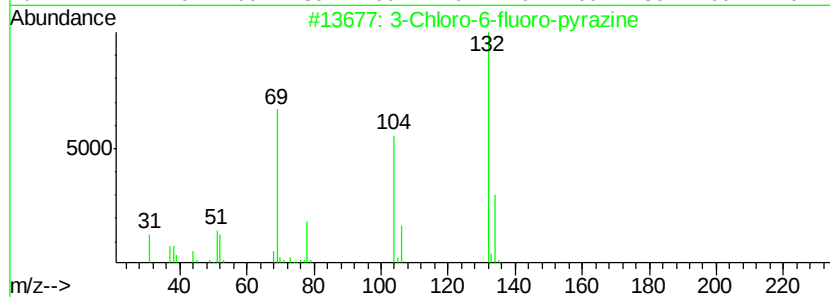
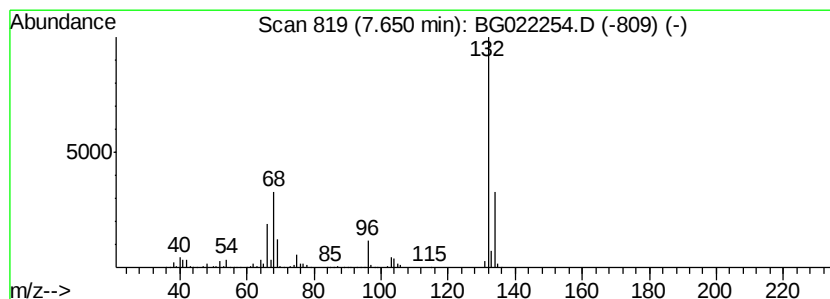
Quant Title :

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

Peak Number 1 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	100.16 ng	816406	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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Instrument :
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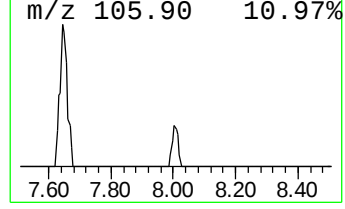
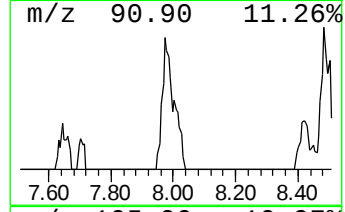
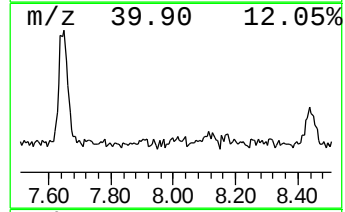
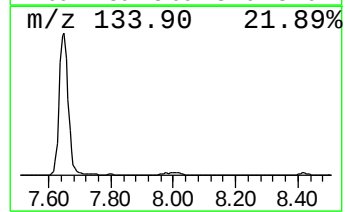
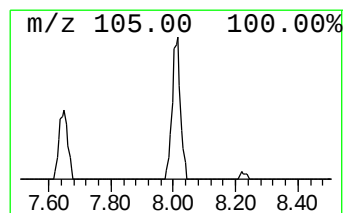
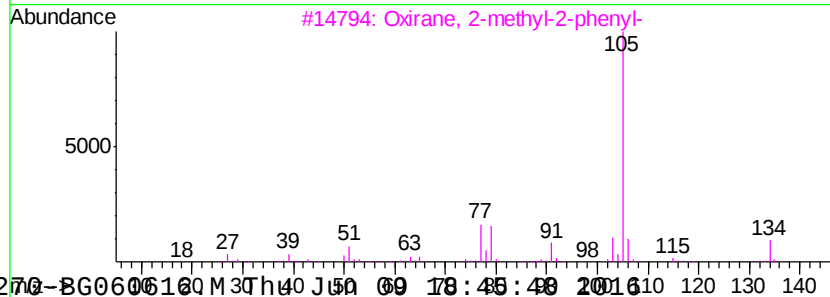
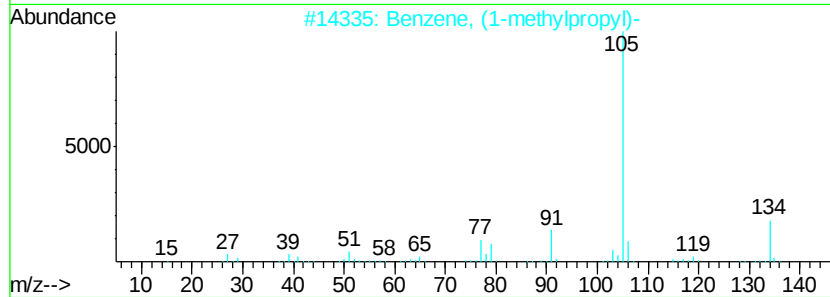
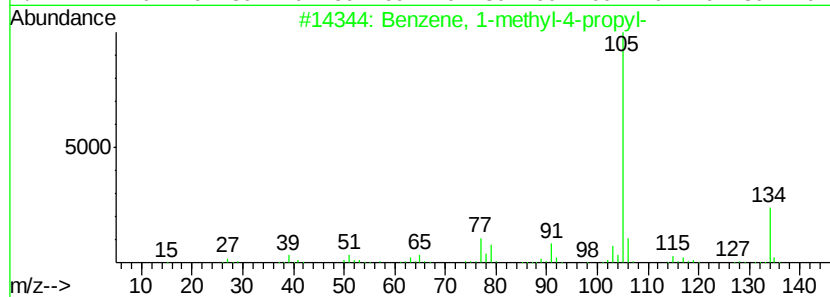
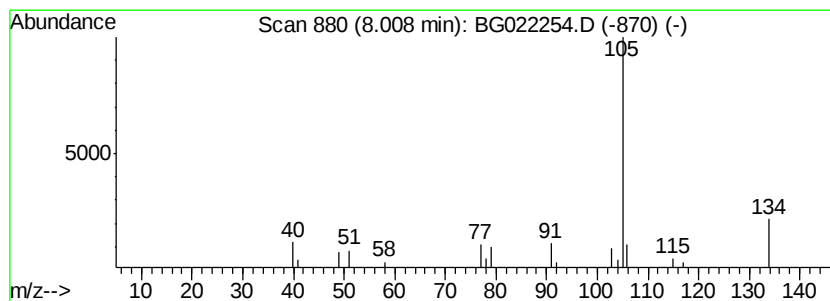
Quant Title :

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

Peak Number 2 Benzene, 1-methyl-4-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	3.10 ng	25270	1,4-Dichlorobenzene-d4	8.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91	
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90	
3	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	87	
4	2-Tolylloxirane	134	C9H10O	002783-26-8	86	
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	80	



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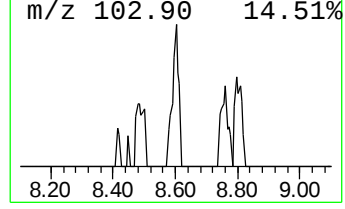
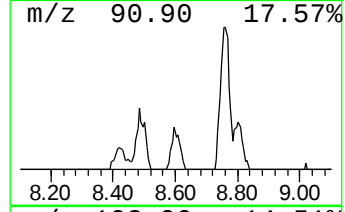
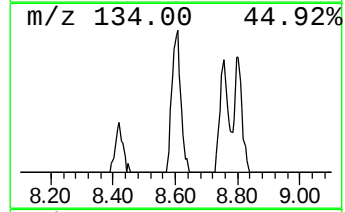
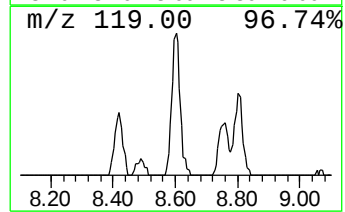
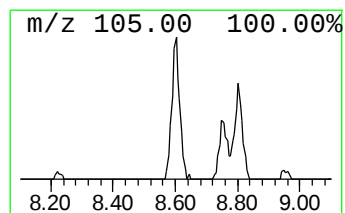
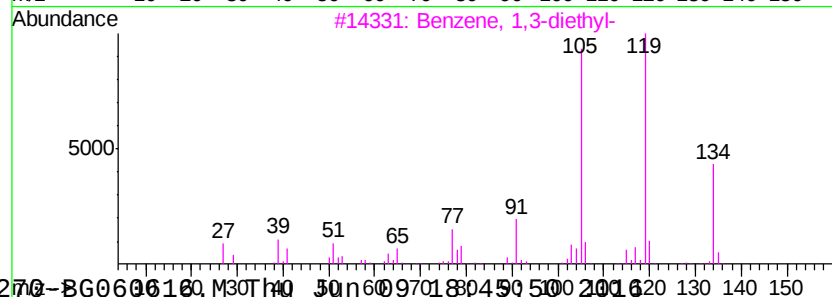
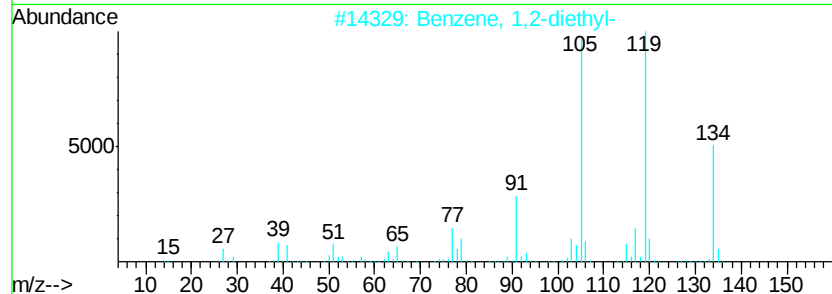
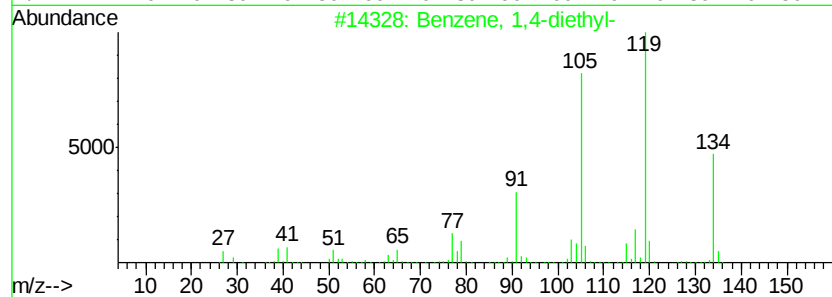
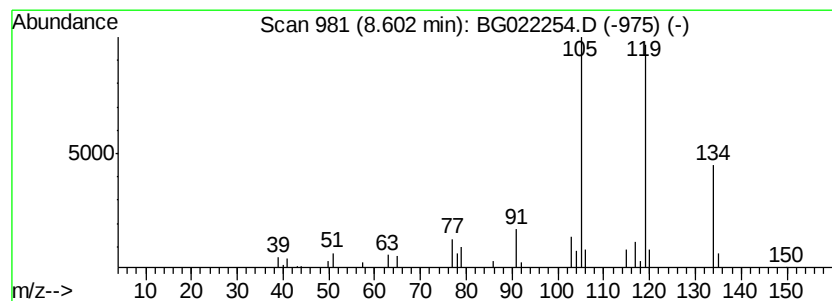
Quant Title :

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

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	4.30 ng	35041	1,4-Dichlorobenzene-d4	8.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1,4-diethyl-	134	C10H14	000105-05-5	97	
2	Benzene,	1,2-diethyl-	134	C10H14	000135-01-3	97	
3	Benzene,	1,3-diethyl-	134	C10H14	000141-93-5	94	
4	Benzene,	1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91	
5	Benzene,	2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87	



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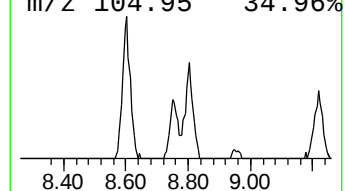
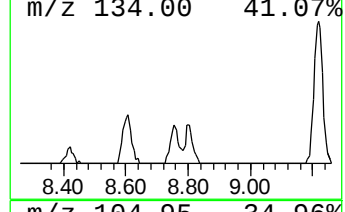
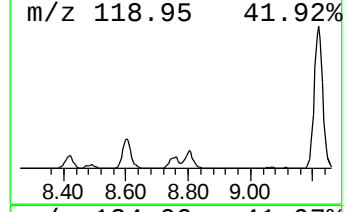
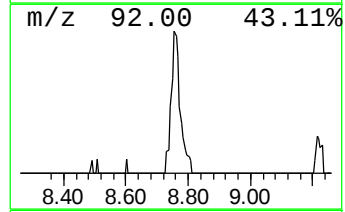
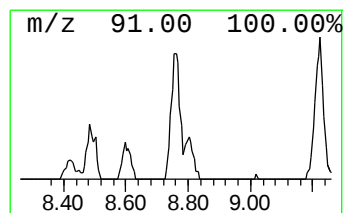
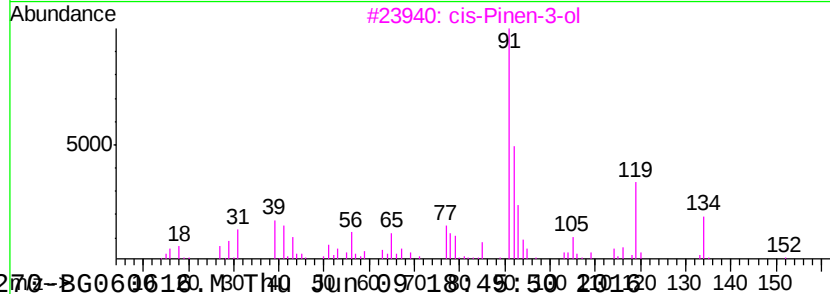
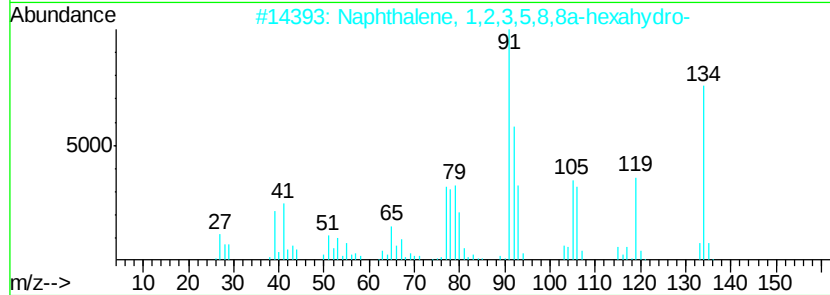
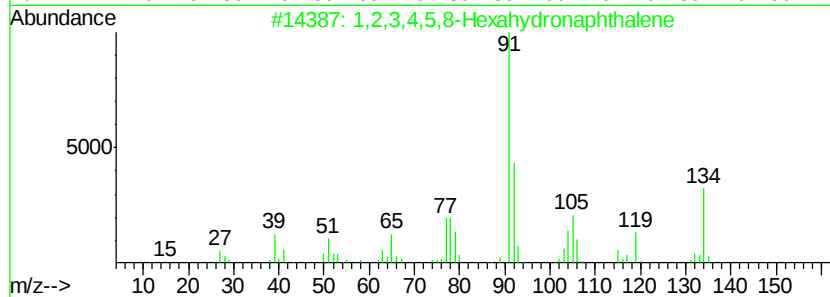
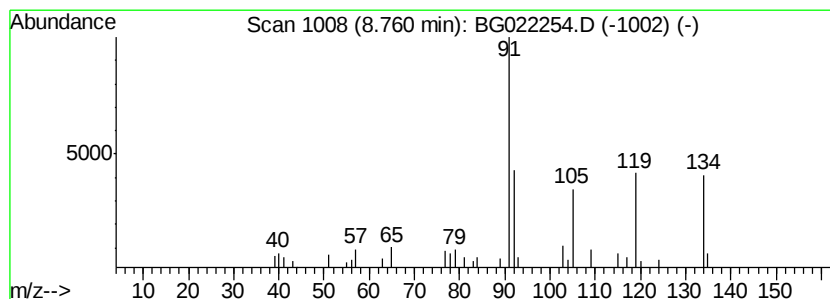
Quant Title :

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

Peak Number 5 1,2,3,4,5,8-Hexahydronaphth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	4.33 ng	35263	1,4-Dichlorobenzene-d4	8.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,3,4,5,8-Hexahydronaphthalene	134	C10H14	036231-13-7	59
2			Naphthalene, 1,2,3,5,8,8a-hexahy...	134	C10H14	062690-65-7	59
3			cis-Pinen-3-ol	152	C10H16O	1000292-85-2	50
4			Tetracyclo[3.3.1.1(1.8).0(2.4)]d...	134	C10H14	1000185-58-7	50
5			Bicyclo[3.2.2]nona-6,8-dien-3-one	134	C9H10O	026788-91-0	50



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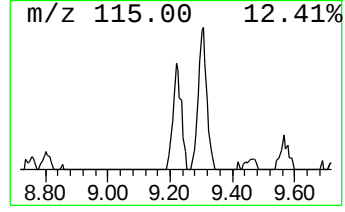
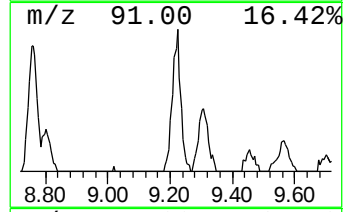
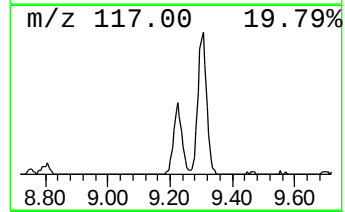
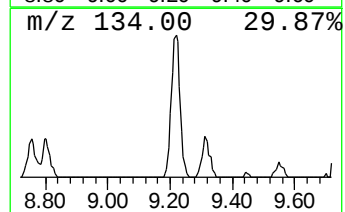
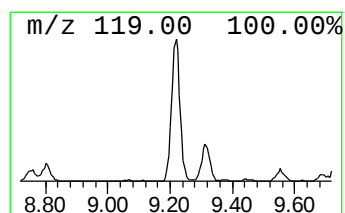
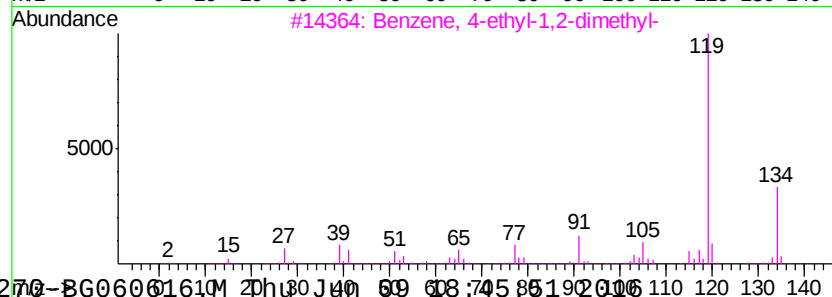
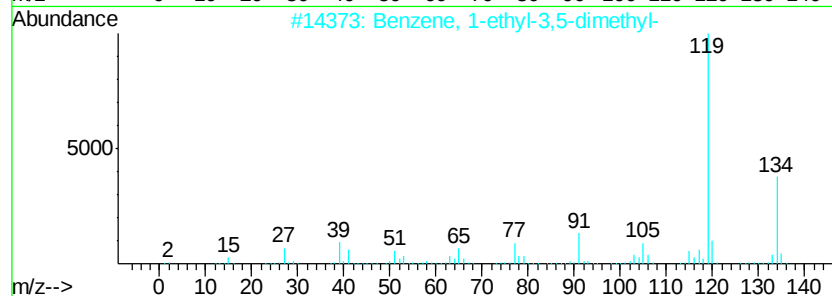
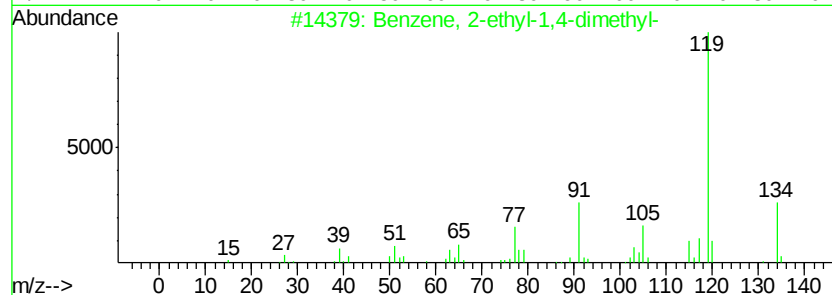
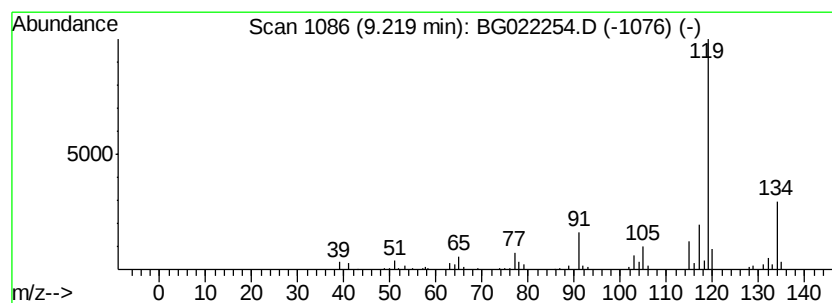
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	15.77 ng	128555	1,4-Dichlorobenzene-d4	8.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
Data File : BG022254.D
Acq On : 9 Jun 2016 4:47
Operator : UM/SJ
Sample : H3381-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
W-40

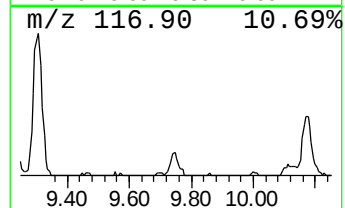
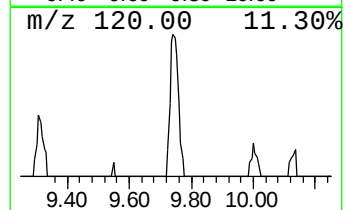
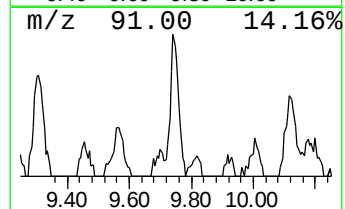
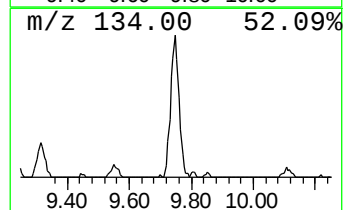
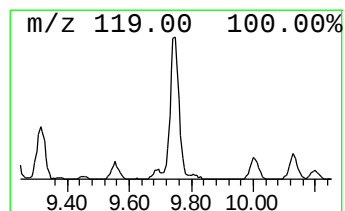
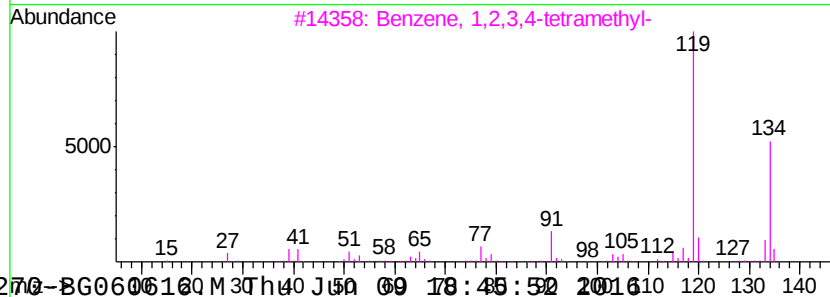
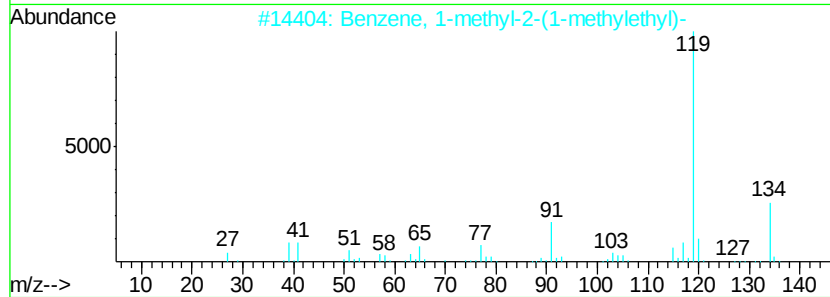
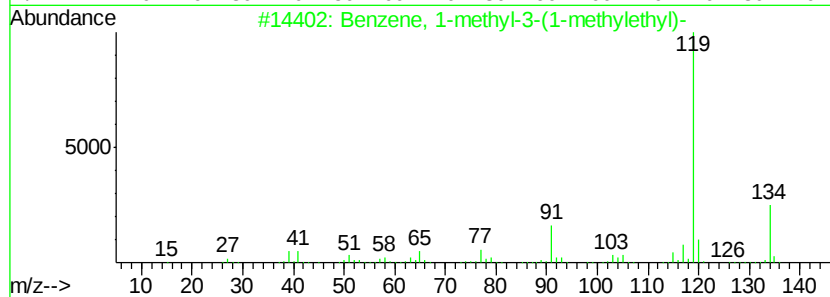
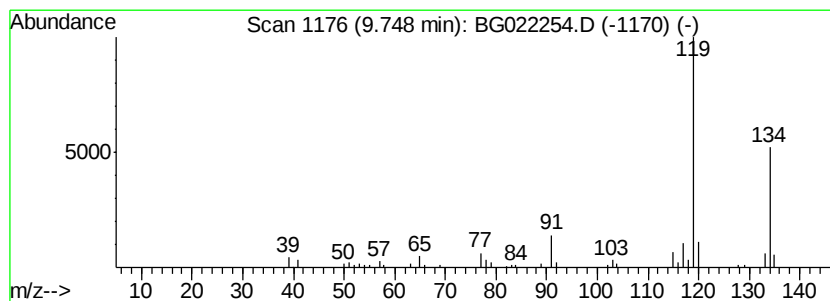
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-methyl-3-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	4.82 ng	82894	Napthalene-d8	10.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1-methyl-3-(1-methyleth...	134	C10H14		000535-77-3	94
2	Benzene,	1-methyl-2-(1-methyleth...	134	C10H14		000527-84-4	94
3	Benzene,	1,2,3,4-tetramethyl-	134	C10H14		000488-23-3	94
4	Benzene,	1-methyl-4-(1-methyleth...	134	C10H14		000099-87-6	91
5	Benzene,	1-ethyl-3,5-dimethyl-	134	C10H14		000934-74-7	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
Data File : BG022254.D
Acq On : 9 Jun 2016 4:47
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Misc :
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ClientSampleId :
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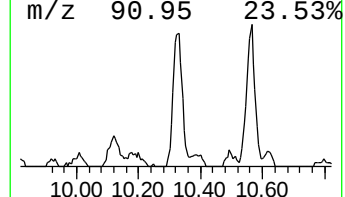
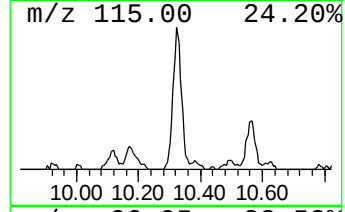
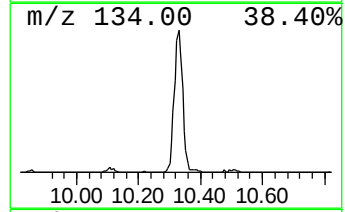
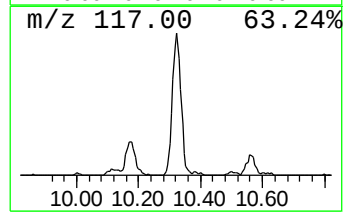
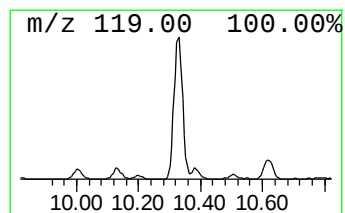
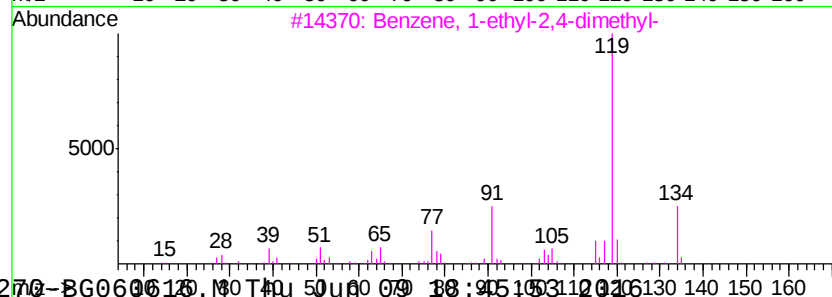
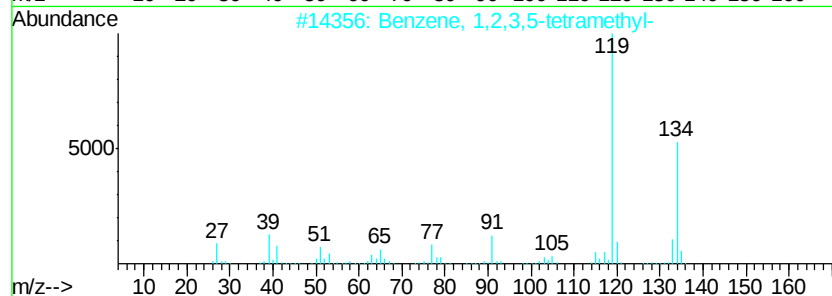
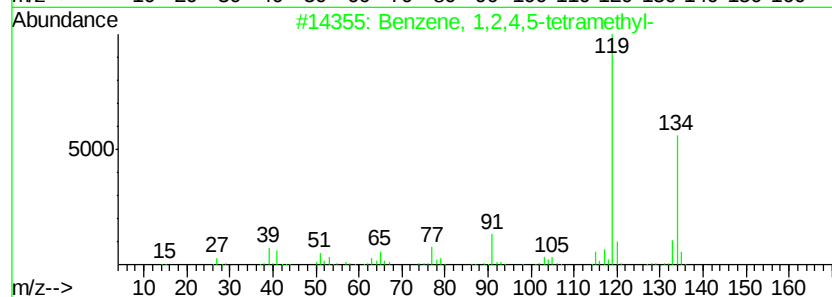
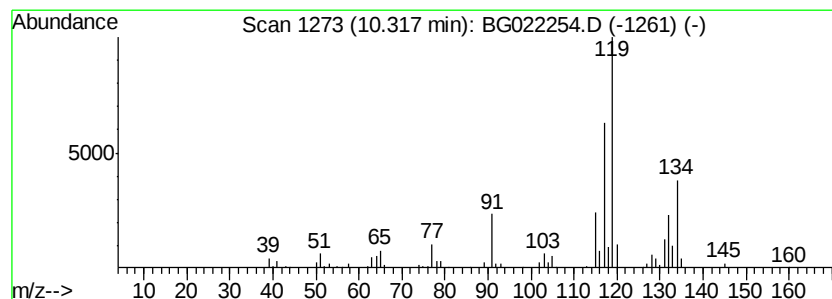
Quant Title :

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	16.63 ng	286125	Naphthalene-d8	10.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64	
2	Benzene,	1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64	
3	Benzene,	1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64	
4	Benzene,	1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	64	
5	Benzene,	1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
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Acq On : 9 Jun 2016 4:47
Operator : UM/SJ
Sample : H3381-13
Misc :
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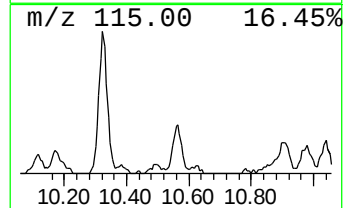
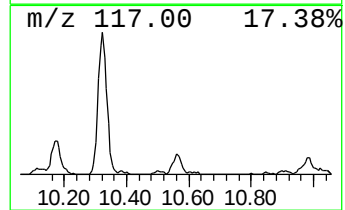
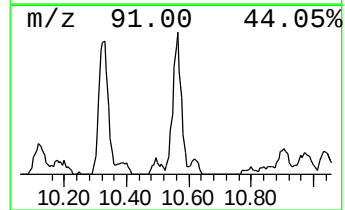
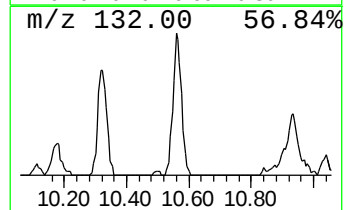
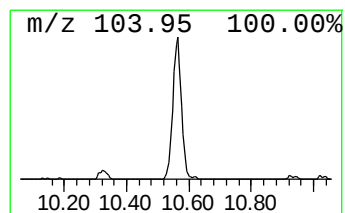
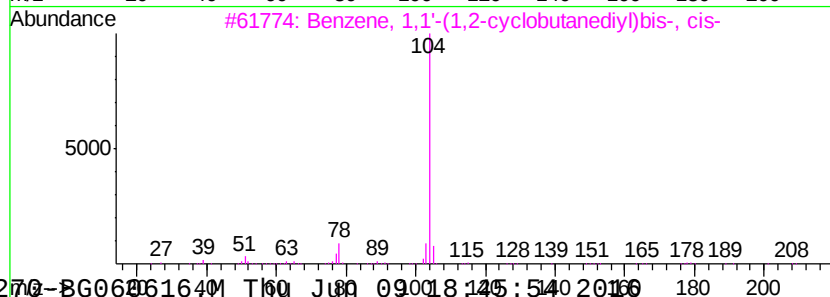
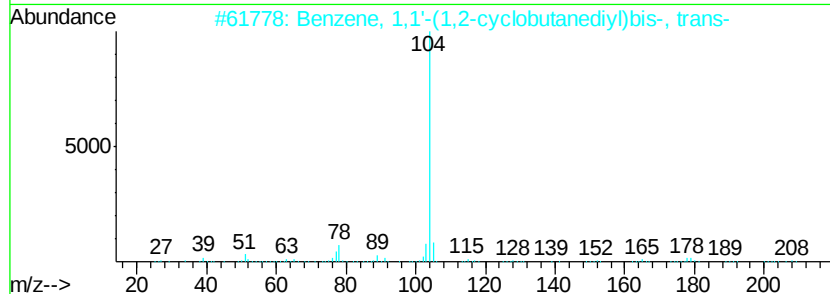
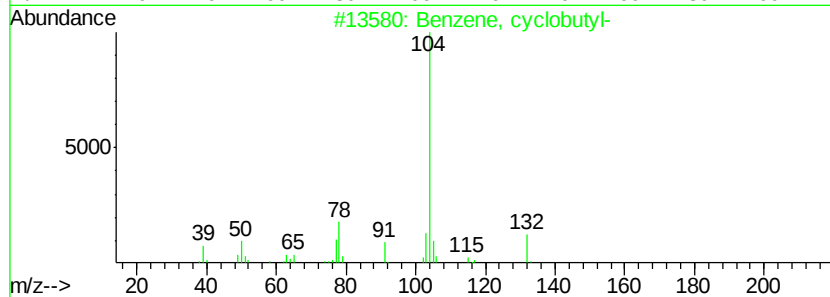
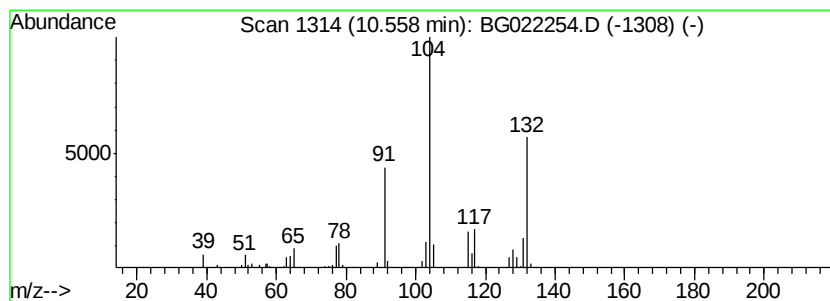
Instrument :
BNA_G
ClientSampleId :
W-40

Quant Title :

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

Peak Number 9 Benzene, cyclobutyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	6.30 ng	108358	Napthalene-d8	10.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, cyclobutyl-	132 C10H12	004392-30-7 59
2		Benzene, 1,1'-(1,2-cyclobutanedi...	208 C16H16	020071-09-4 43
3		Benzene, 1,1'-(1,2-cyclobutanedi...	208 C16H16	007694-30-6 38
4		2-Methylbenzyl cyanide	131 C9H9N	022364-68-7 38
5		Acetic acid, trifluoro-, 2-pheny...	218 C10H9F3O2	055419-66-4 38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
Data File : BG022254.D
Acq On : 9 Jun 2016 4:47
Operator : UM/SJ
Sample : H3381-13
Misc :
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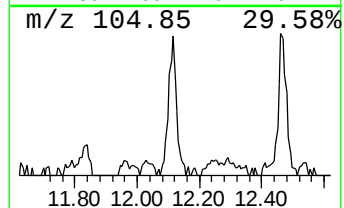
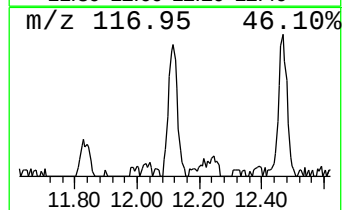
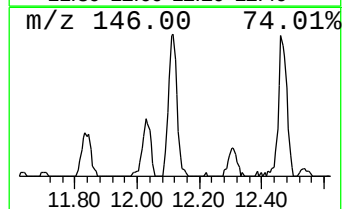
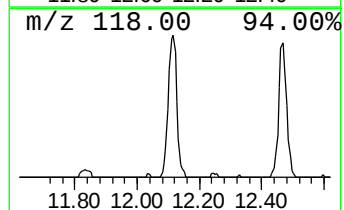
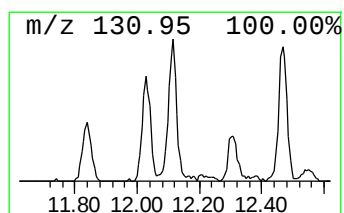
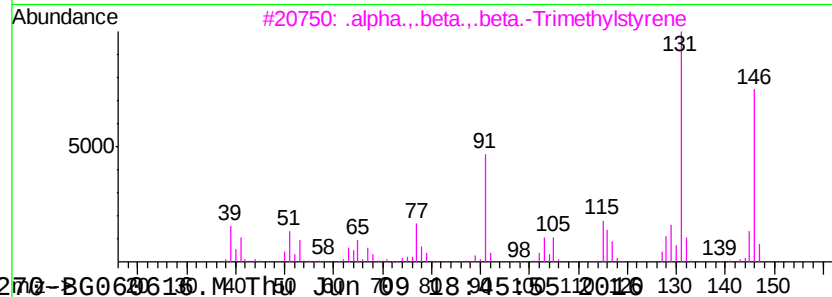
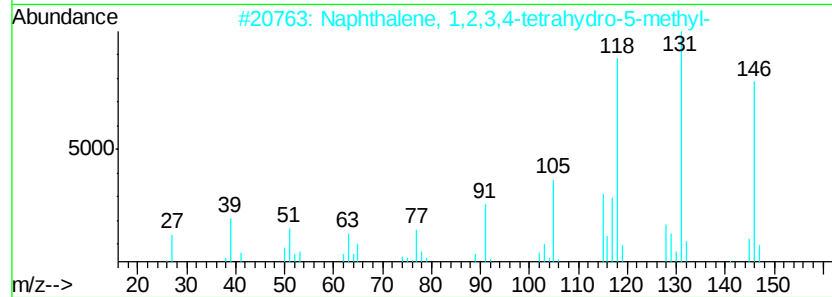
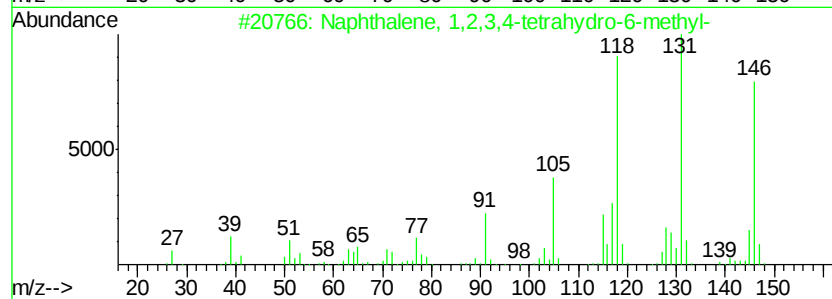
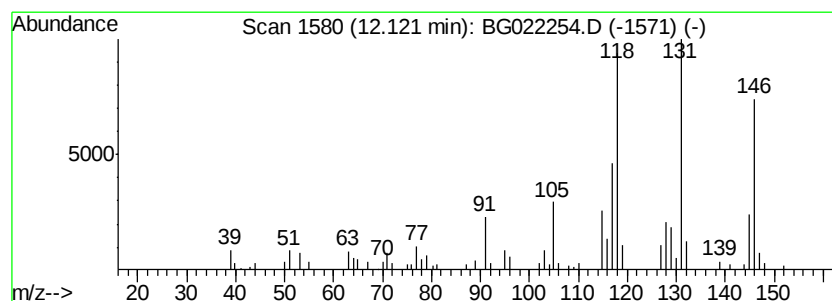
Instrument :
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ClientSampleId :
W-40

Quant Title :

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.12	6.56 ng	112900	Naphthalene-d8	10.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	90
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	70
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
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 Sample : H3381-13
 Misc :
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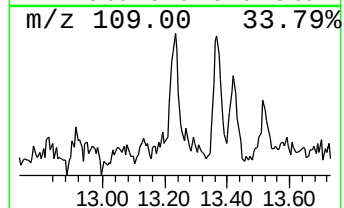
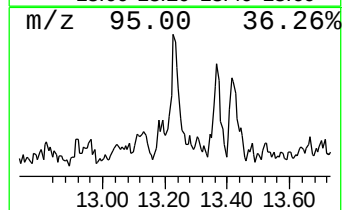
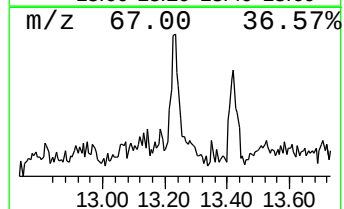
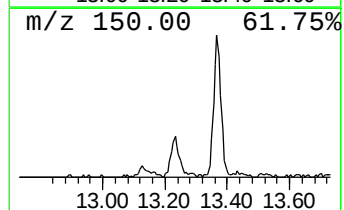
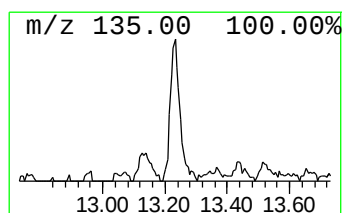
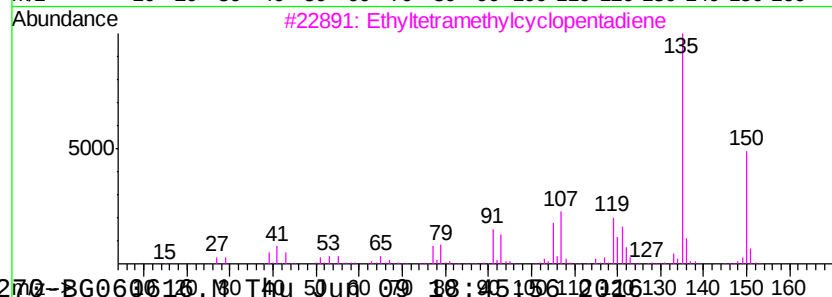
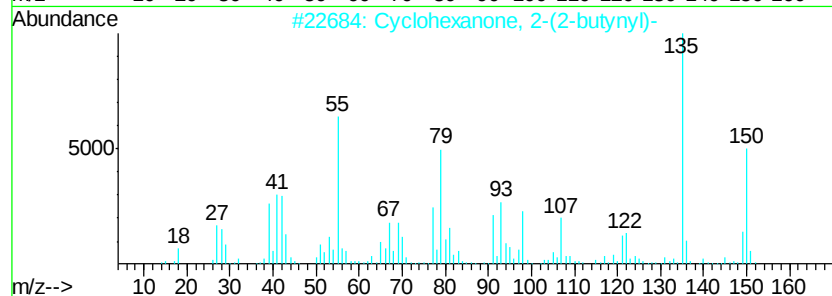
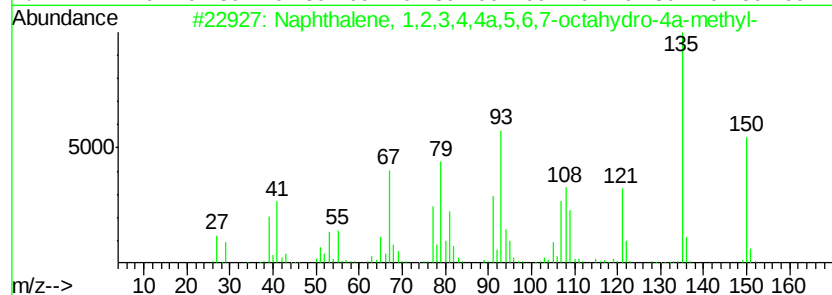
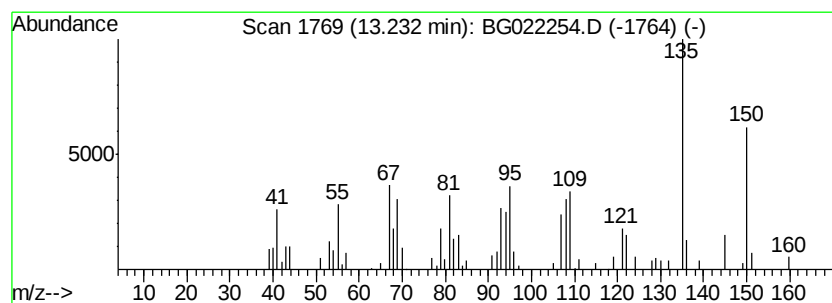
Instrument :
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 ClientSampleId :
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Quant Title :

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

 Peak Number 13 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.23	3.12 ng	67286	Acenaphthene-d10		14.75
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	72
2	Cvclohexanone, 2-(2-butynvl)-	150	C10H14O	054166-48-2	53
3	Ethyltetramethylcyclopentadiene	150	C11H18	057693-77-3	53
4	Acetic acid, 4a-methyldecahydron...	210	C13H22O2	1000191-50-9	53
5	2,5-Dimethyl-3-isopropylpyrazine	150	C9H14N2	013610-20-3	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
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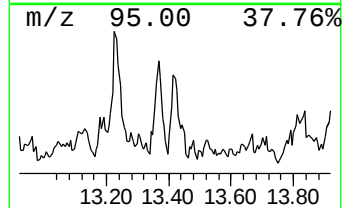
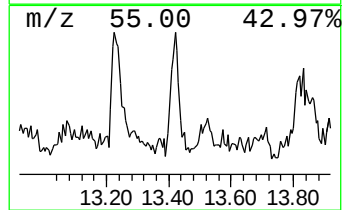
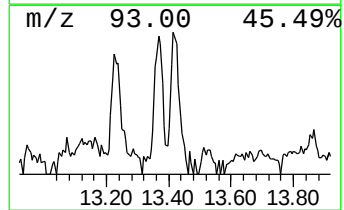
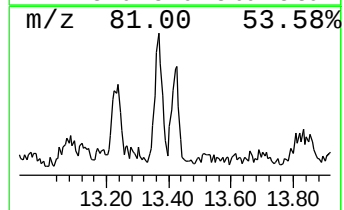
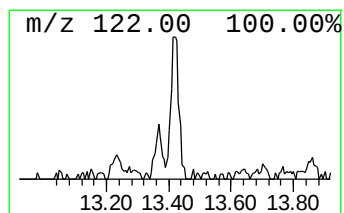
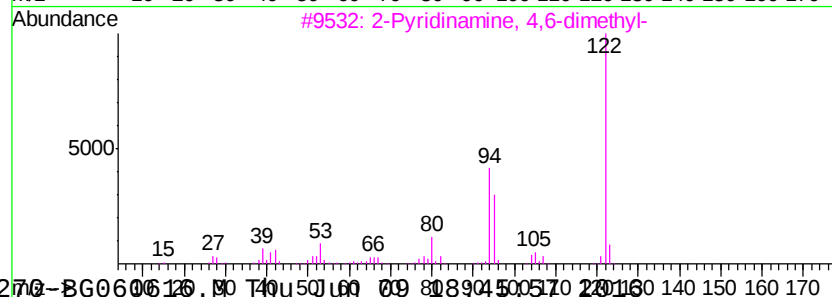
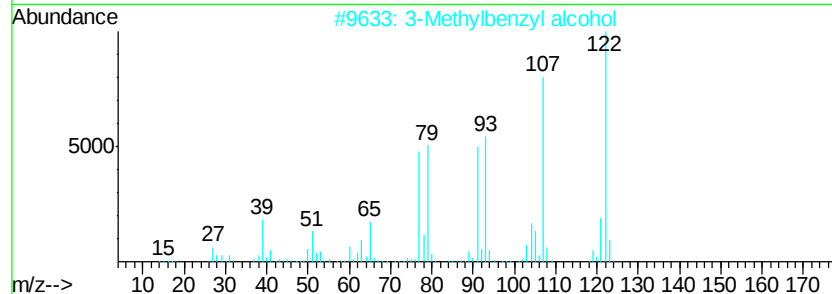
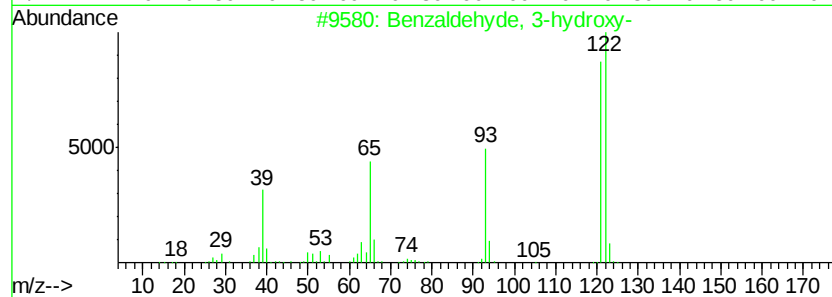
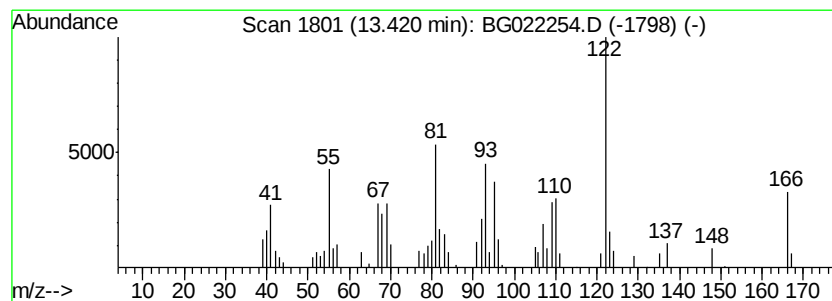
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ClientSampleId :
W-40

Quant Title :

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

Peak Number 14 unknown13.42 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.42	3.38 ng	72903	Acenaphthene-d10		14.75
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-hydroxy-	122	C7H6O2	000100-83-4	38
2	3-Methylbenzyl alcohol	122	C8H10O	000587-03-1	38
3	2-Pyridinamine, 4,6-dimethyl-	122	C7H10N2	005407-87-4	35
4	1H-Pyrrole, 2-ethyl-3,4,5-trimet...	137	C9H15N	069687-79-2	35
5	1H-Pyrrole, 3,4-diethyl-2-methyl-	137	C9H15N	034874-30-1	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
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Acq On : 9 Jun 2016 4:47
Operator : UM/SJ
Sample : H3381-13
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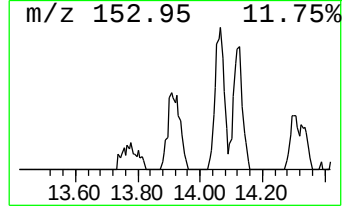
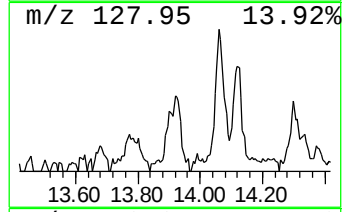
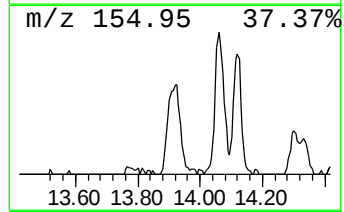
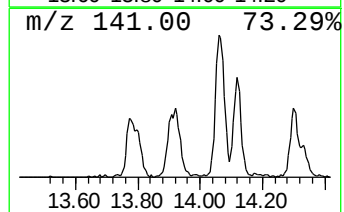
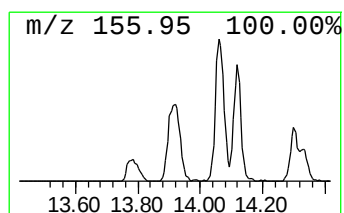
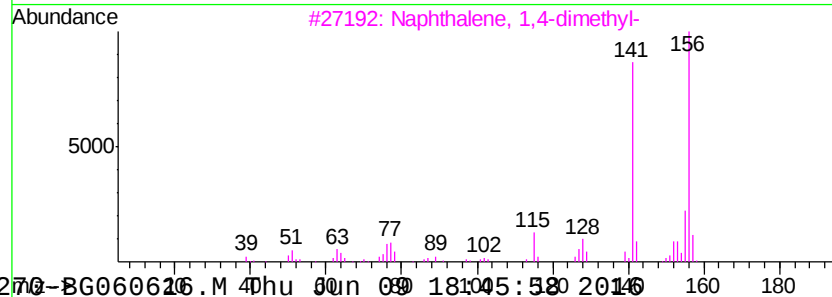
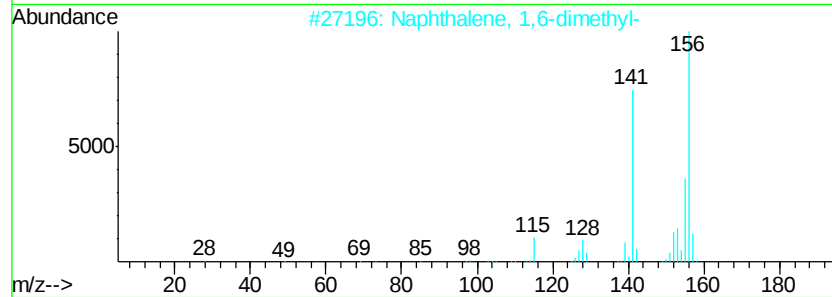
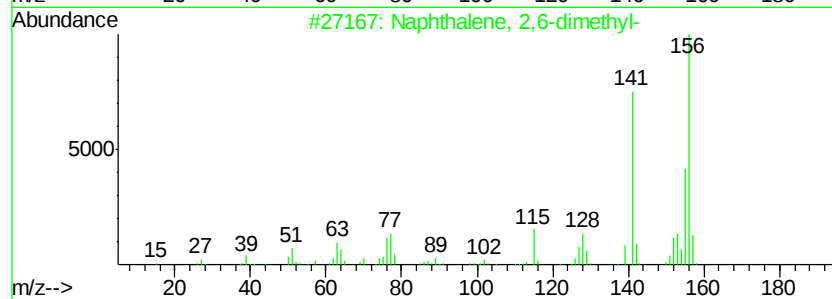
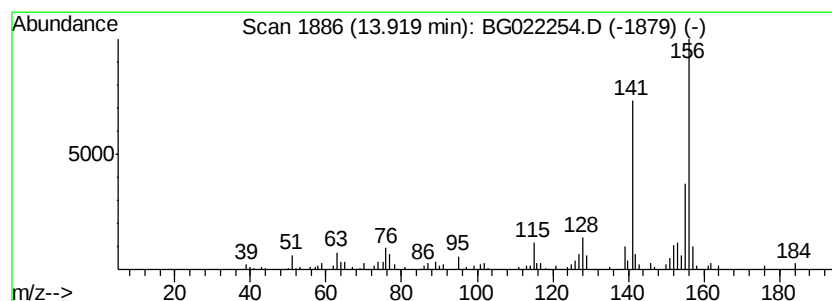
Instrument :
BNA_G
ClientSampleId :
W-40

Quant Title :

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

Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.92	6.35 ng	136769	Acenaphthene-d10		14.75
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
Data File : BG022254.D
Acq On : 9 Jun 2016 4:47
Operator : UM/SJ
Sample : H3381-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

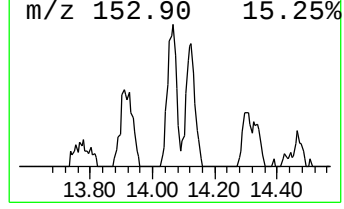
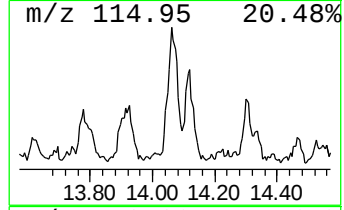
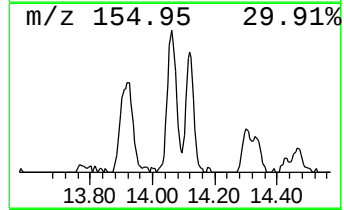
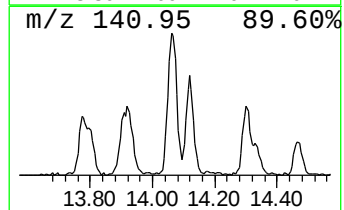
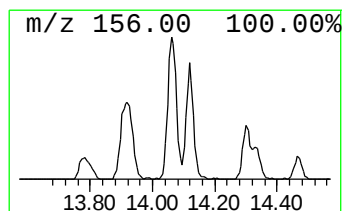
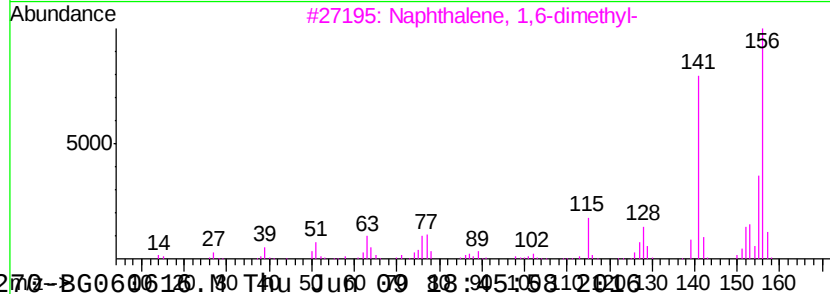
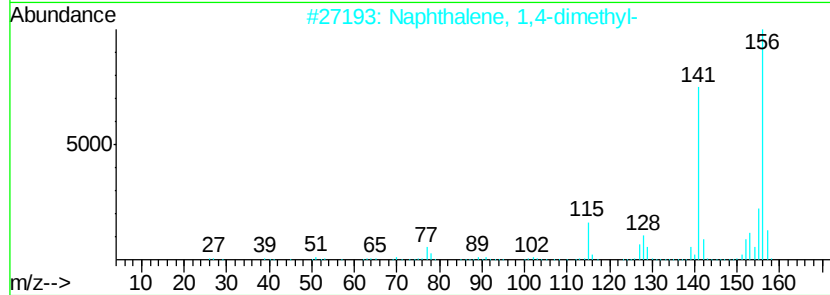
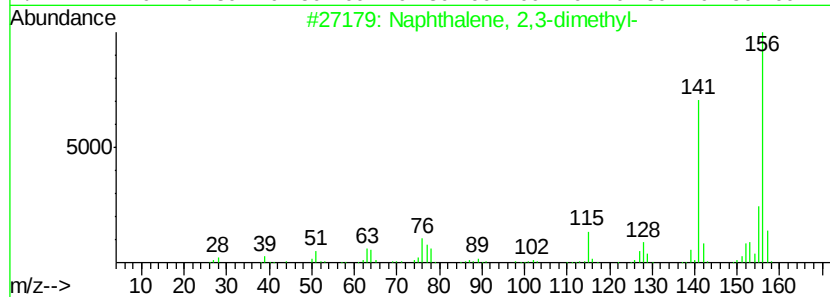
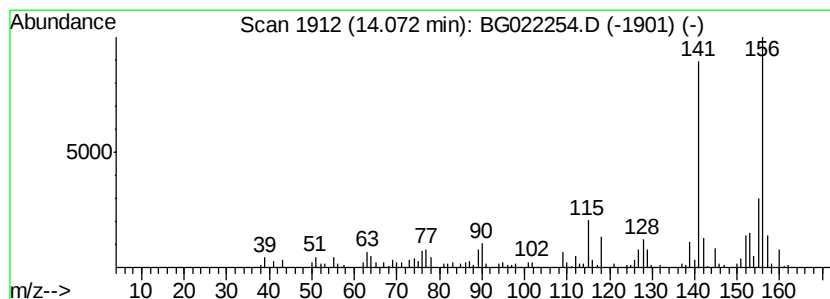
Instrument :
BNA_G
ClientSampleId :
W-40

Quant Title :

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

Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.07	11.12 ng	239764	Acenaphthene-d10		14.75
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
Data File : BG022254.D
Acq On : 9 Jun 2016 4:47
Operator : UM/SJ
Sample : H3381-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

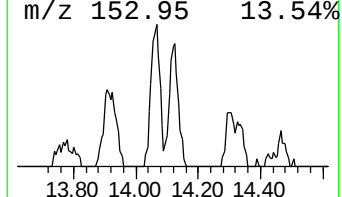
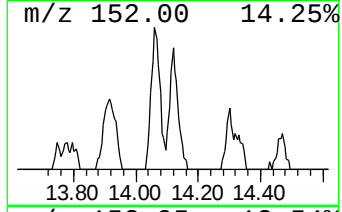
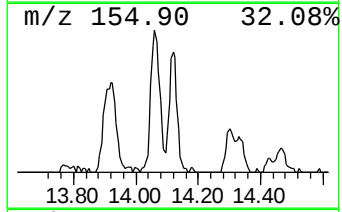
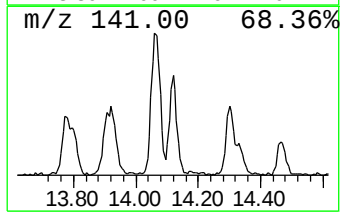
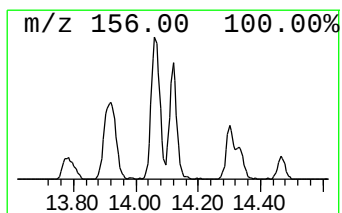
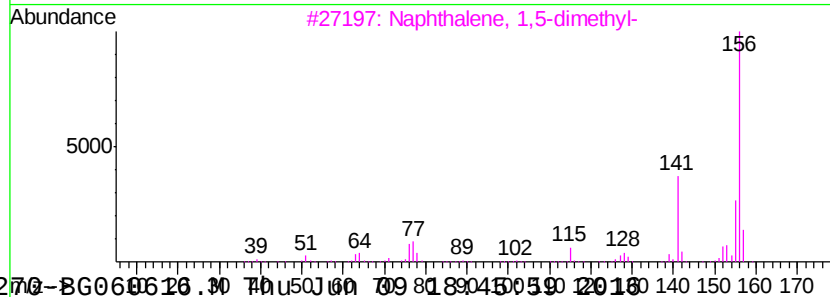
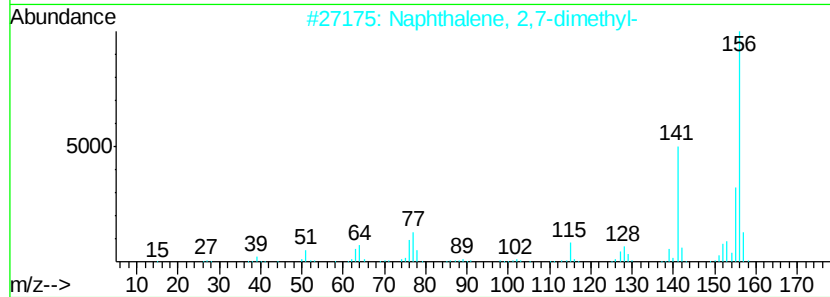
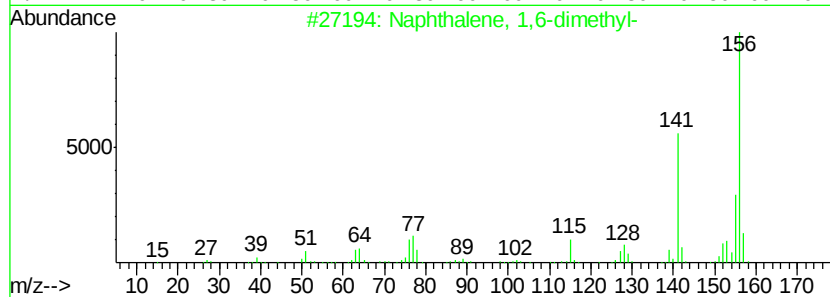
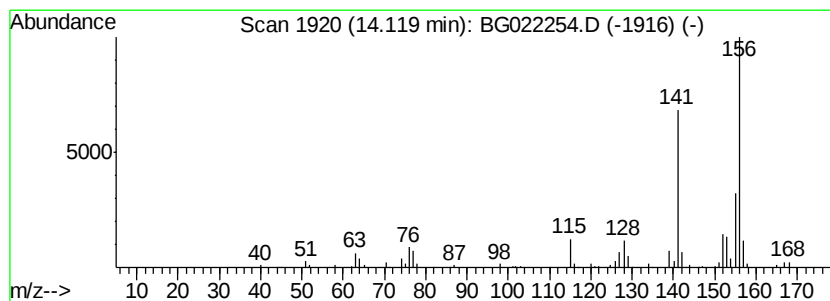
Instrument :
BNA_G
ClientSampleId :
W-40

Quant Title :

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

Peak Number 17 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.12	6.13 ng	132054	Acenaphthene-d10		14.75
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
 Data File : BG022254.D
 Acq On : 9 Jun 2016 4:47
 Operator : UM/SJ
 Sample : H3381-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

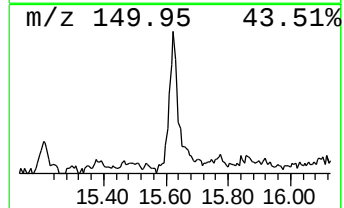
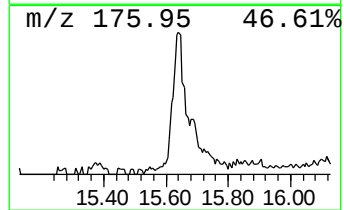
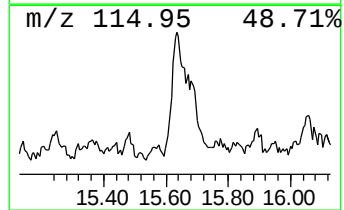
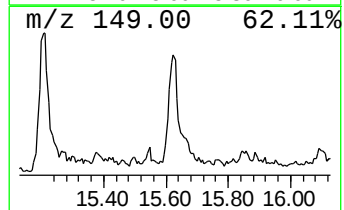
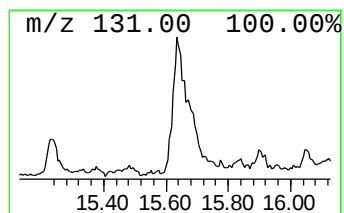
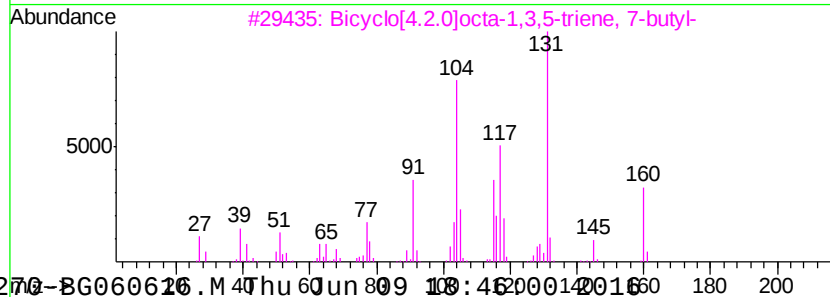
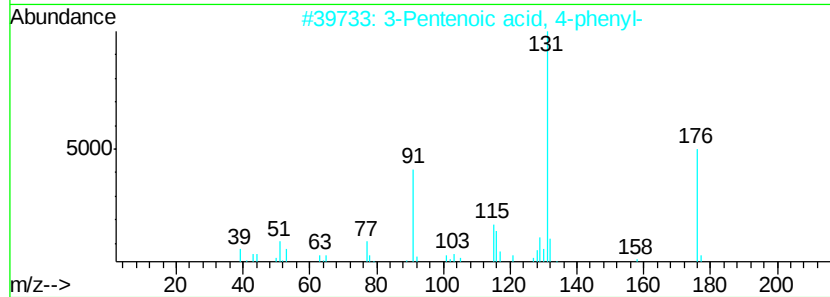
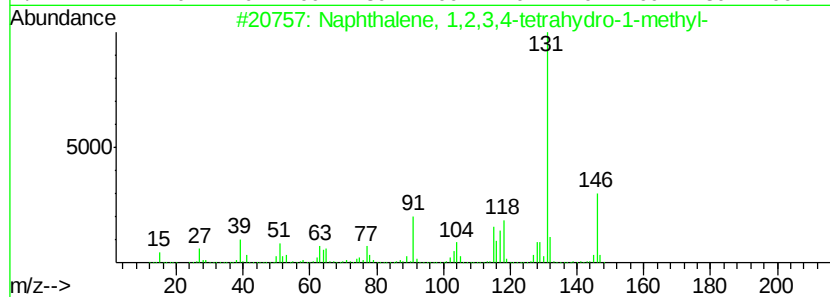
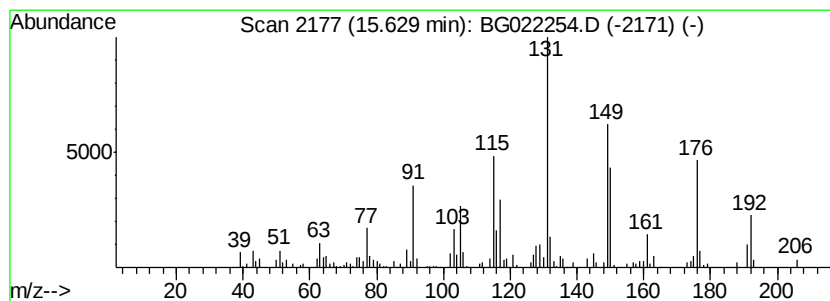
Instrument :
 BNA_G
 ClientSampleId :
 W-40

Quant Title :

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

 Peak Number 18 unknown15.63 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.63	5.90 ng	127211	Acenaphthene-d10	14.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	42
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	41
3	Bicyclo[4.2.0]octa-1,3,5-triene, ...	160	C12H16	078920-29-3	38
4	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	004192-77-2	30
5	Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
Data File : BG022254.D
Acq On : 9 Jun 2016 4:47
Operator : UM/SJ
Sample : H3381-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

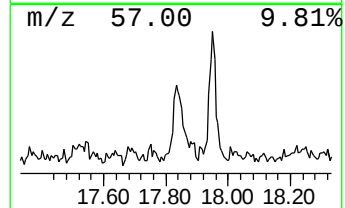
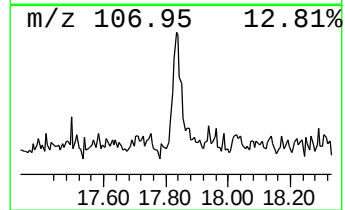
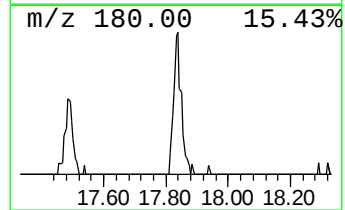
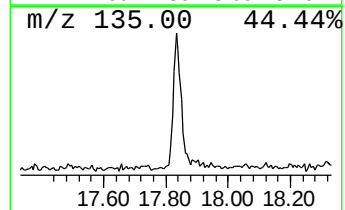
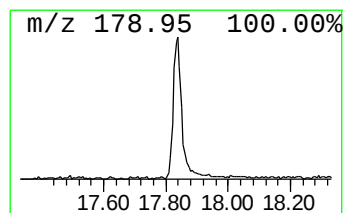
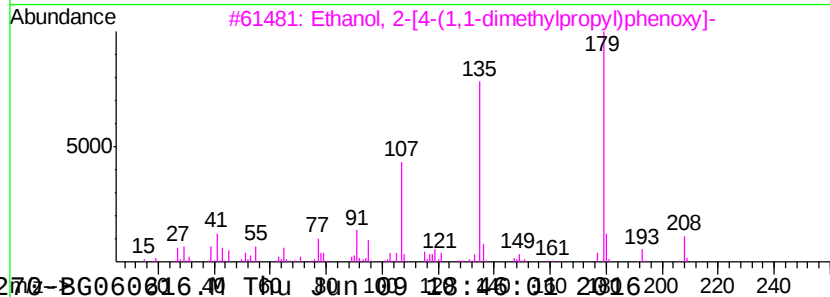
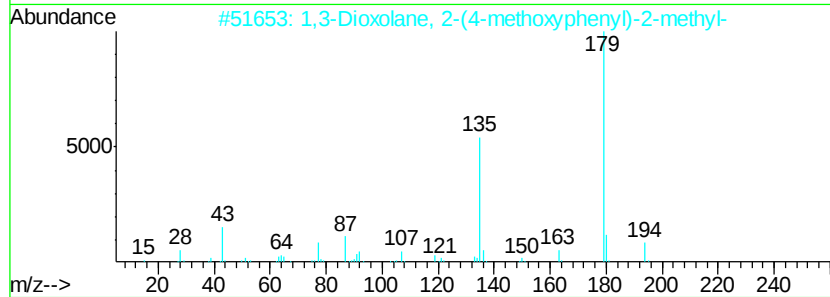
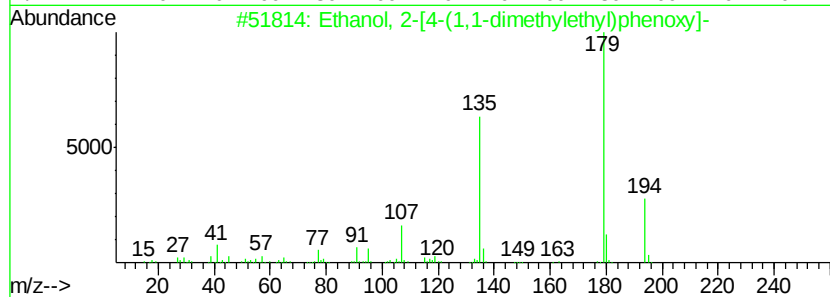
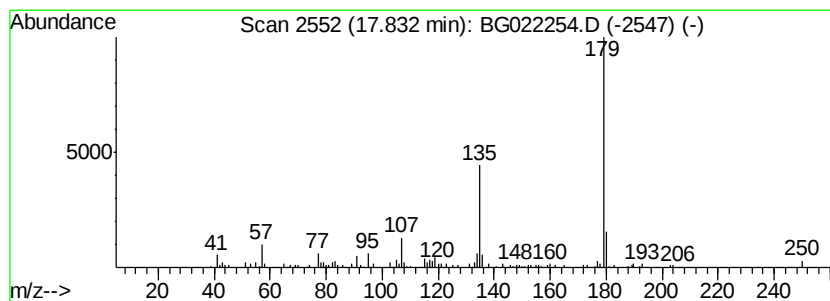
Instrument :
BNA_G
ClientSampleId :
W-40

Quant Title :

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

Peak Number 19 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.83	4.58 ng	108611	Phenanthrene-d10	17.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylethyl...]	194	C12H18O2	000713-46-2	78
2	1,3-Dioxolane, 2-(4-methoxyphenyl)-2-methyl-	194	C11H14O3	036881-00-2	64
3	Ethanol, 2-[4-(1,1-dimethylpropyl)phenoxy]-	208	C13H20O2	006382-07-6	64
4	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	64
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
Data File : BG022254.D
Acq On : 9 Jun 2016 4:47
Operator : UM/SJ
Sample : H3381-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
W-40

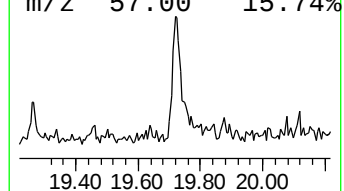
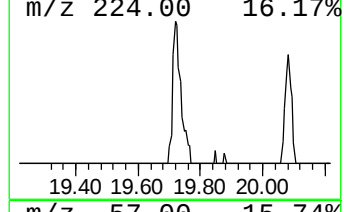
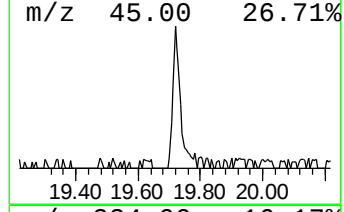
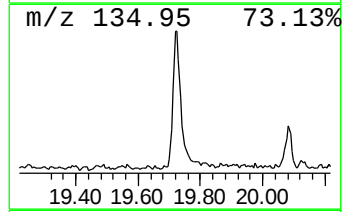
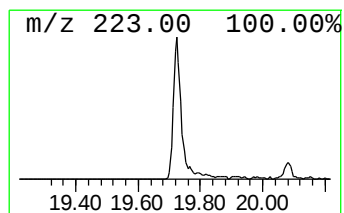
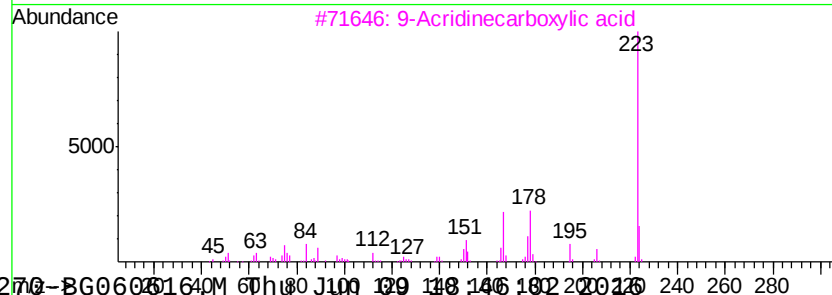
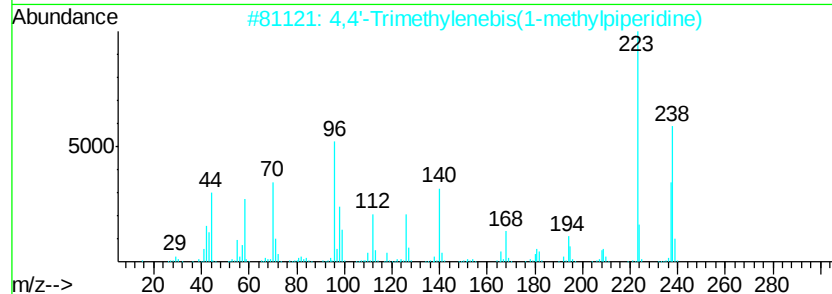
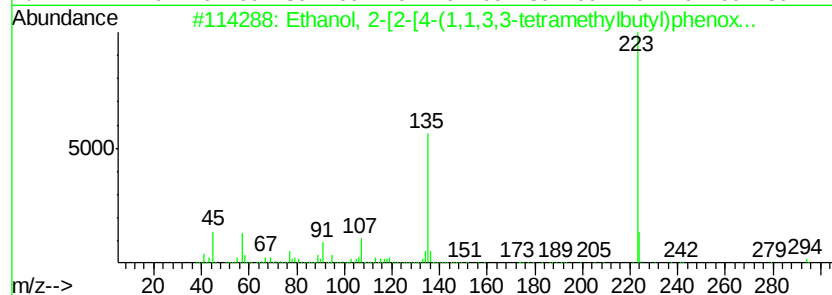
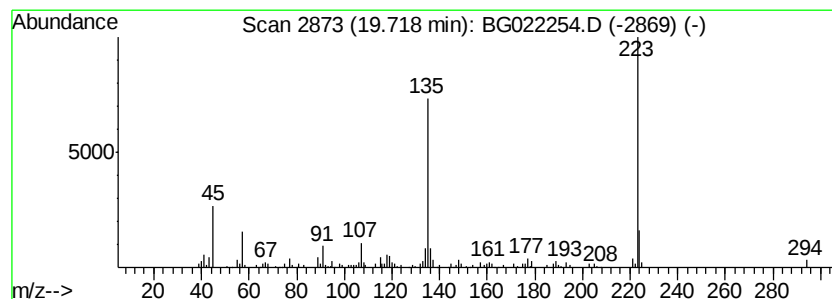
Quant Title :

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

Peak Number 20 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	3.66 ng	93574	Chrysene-d12	21.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol,	2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	90
2	4,4'-Trimethylenebis(1-methylpib...		238	C15H30N2	064168-11-2	43
3	9-Acridinecarboxylic acid		223	C14H9NO2	005336-90-3	43
4	Benzeneacetonitrile, 4-fluoro-		135	C8H6FN	000459-22-3	11
5	4-Cyanobenzoic acid, 2-(1-adaman...		309	C20H23NO2	1000292-45-1	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060816\
 Data File : BG022254.D
 Acq On : 9 Jun 2016 4:47
 Operator : UM/SJ
 Sample : H3381-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-40

Quant Title :

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.65	7.65	100.2	ng	816406	1	8.11	163027	20.0
Benzene, 1-methyl...	8.01	3.1	ng	25270	1	8.11	163027	20.0
Benzene, 1,4-diet...	8.60	4.3	ng	35041	1	8.11	163027	20.0
1,2,3,4,5,8-Hexah...	8.76	4.3	ng	35263	1	8.11	163027	20.0
Benzene, 2-ethyl-...	9.22	15.8	ng	128555	1	8.11	163027	20.0
Benzene, 1-methyl...	9.75	4.8	ng	82894	2	10.93	344063	20.0
Benzene, 1,2,4,5-...	10.32	16.6	ng	286125	2	10.93	344063	20.0
Benzene, cyclobutyl-	10.56	6.3	ng	108358	2	10.93	344063	20.0
Naphthalene, 1,2,...	12.12	6.6	ng	112900	2	10.93	344063	20.0
Naphthalene, 1,2,...	13.23	3.1	ng	67286	3	14.75	431051	20.0
unknown13.42	13.42	3.4	ng	72903	3	14.75	431051	20.0
Naphthalene, 2,6-...	13.92	6.3	ng	136769	3	14.75	431051	20.0
Naphthalene, 2,3-...	14.07	11.1	ng	239764	3	14.75	431051	20.0
Naphthalene, 1,6-...	14.12	6.1	ng	132054	3	14.75	431051	20.0
unknown15.63	15.63	5.9	ng	127211	3	14.75	431051	20.0
Ethanol, 2-[4-(1,...	17.83	4.6	ng	108611	4	17.49	473857	20.0
Ethanol, 2-[2-[4-...	19.72	3.7	ng	93574	5	21.76	510976	20.0