

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060019.D
 Acq On : 14 Dec 2023 19:43
 Operator : MA/JU
 Sample : 05612-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-06S

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:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060019.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.141	4	9	26	rVB	684067	1207824	1.66%	0.652%
2	5.468	396	405	411	rBV	3513212	5776422	7.95%	3.119%
3	5.521	411	414	422	rVB	610243	980661	1.35%	0.530%
4	5.968	483	490	500	rBV	772539	1283811	1.77%	0.693%
5	7.107	677	684	690	rVV	776516	1302894	1.79%	0.704%
6	7.348	717	725	731	rBV	449119	750843	1.03%	0.405%
7	7.601	762	768	778	rVB	1057514	1862249	2.56%	1.006%
8	8.071	840	848	855	rBV	585649	1007369	1.39%	0.544%
9	8.341	885	894	900	rBV	6712761	11671912	16.07%	6.303%
10	9.064	1011	1017	1021	rBV2	547262	868458	1.20%	0.469%
11	9.123	1021	1027	1029	rBV	760491	1450020	2.00%	0.783%
12	10.010	1171	1178	1186	rVB	1119949	1942454	2.67%	1.049%
13	10.163	1195	1204	1214	rBV3	1119569	3227598	4.44%	1.743%
14	10.263	1214	1221	1226	rBV	1376238	3165095	4.36%	1.709%
15	10.868	1299	1324	1329	rBV	25919949	72650575	100.00%	39.232%
16	10.950	1329	1338	1351	rVB	1730878	3043544	4.19%	1.644%
17	12.313	1565	1570	1581	rVB	595671	1018886	1.40%	0.550%
18	12.431	1581	1590	1596	rBV	5230647	8988761	12.37%	4.854%
19	12.654	1614	1628	1634	rBV	8748489	16019651	22.05%	8.651%
20	13.218	1716	1724	1730	rBV	2755417	4169071	5.74%	2.251%
21	13.424	1753	1759	1765	rBV	748647	1179584	1.62%	0.637%
22	13.494	1765	1771	1777	rVB	879973	1425995	1.96%	0.770%
23	13.623	1787	1793	1803	rVB	625835	1318711	1.82%	0.712%
24	13.764	1805	1817	1824	rBV3	652336	1733526	2.39%	0.936%
25	13.911	1835	1842	1848	rBV	1080734	2095286	2.88%	1.131%
26	13.964	1848	1851	1861	rVB2	529154	983339	1.35%	0.531%
27	14.146	1872	1882	1886	rBV	486821	829699	1.14%	0.448%
28	14.593	1947	1958	1963	rBV2	814341	1480074	2.04%	0.799%
29	14.663	1963	1970	1977	rVV	5931403	9454715	13.01%	5.106%
30	15.639	2130	2136	2146	rVB	1583556	2428707	3.34%	1.312%
31	16.079	2201	2211	2221	rBV	2950590	4486216	6.18%	2.423%
32	17.342	2420	2426	2429	rBV	1190483	1803169	2.48%	0.974%
33	17.384	2429	2433	2438	rVB	1625687	2349153	3.23%	1.269%
34	19.963	2865	2872	2877	rBV	5649905	7204387	9.92%	3.890%
35	21.608	3145	3152	3157	rBV	1202342	1947250	2.68%	1.052%
36	24.798	3684	3695	3705	rBV	734680	2073661	2.85%	1.120%

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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:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

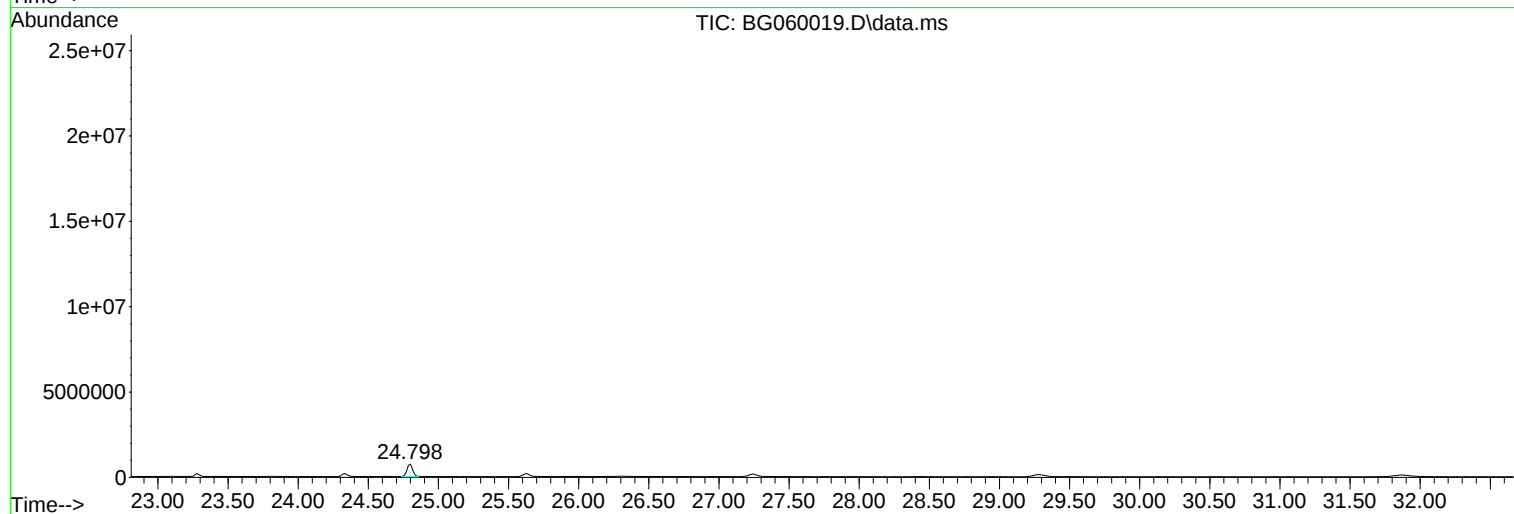
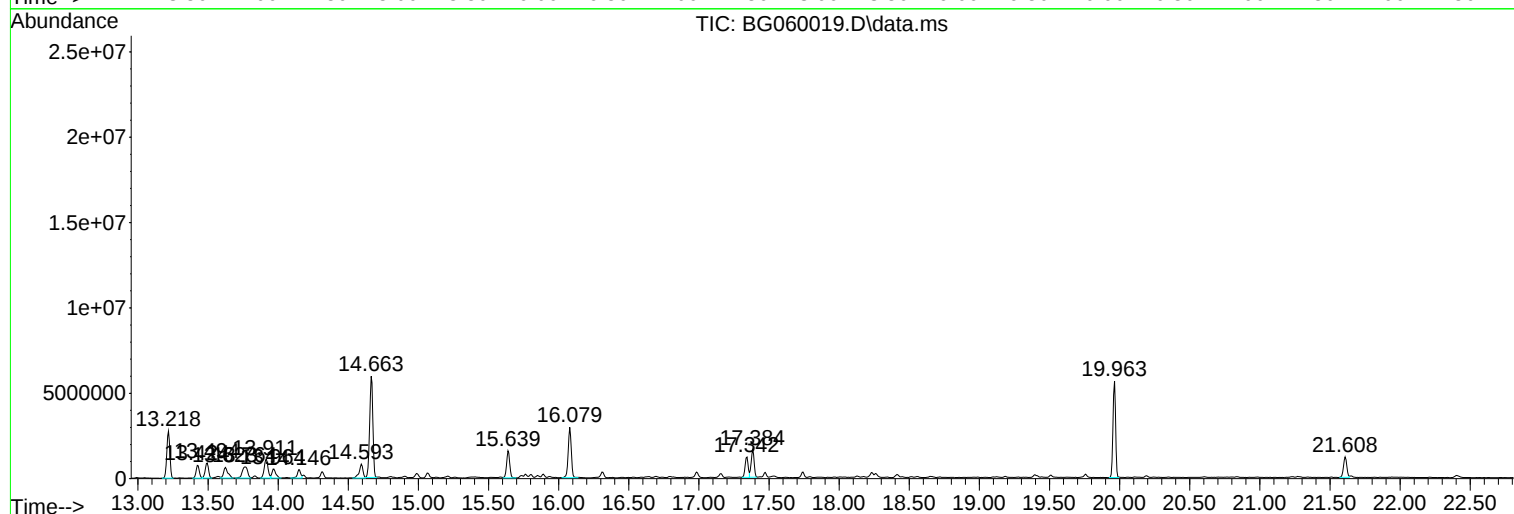
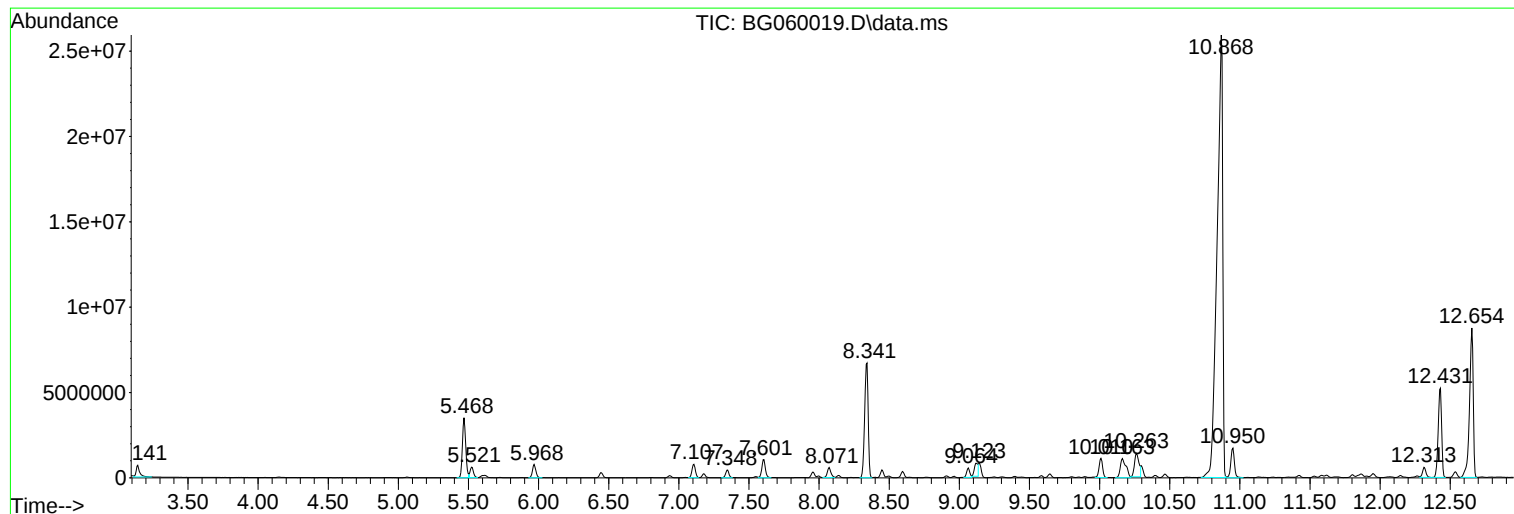
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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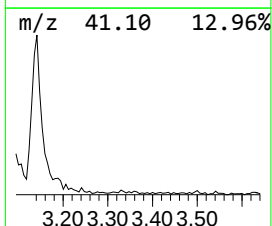
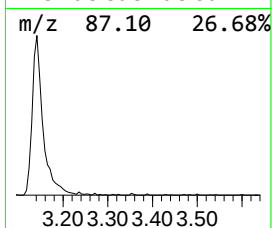
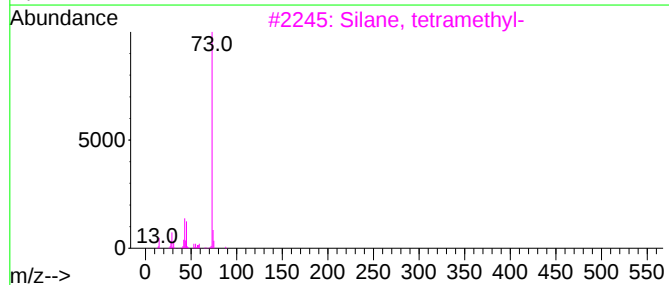
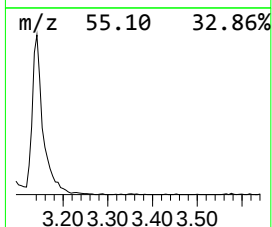
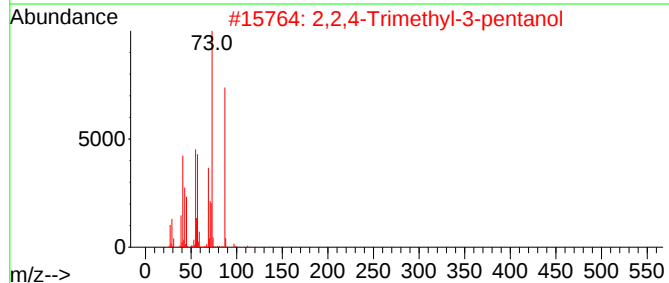
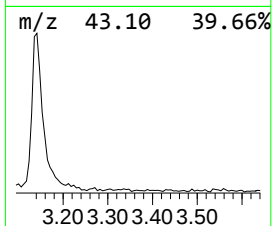
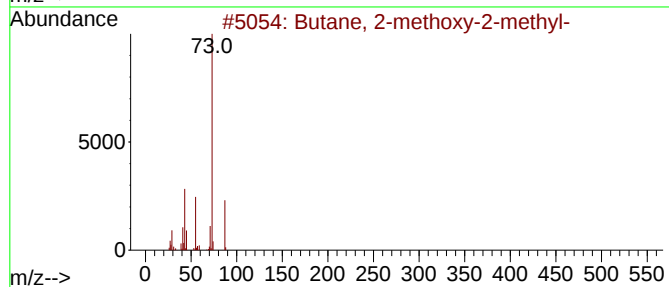
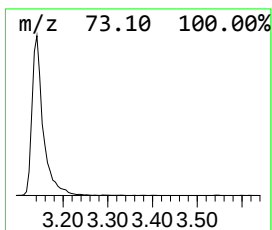
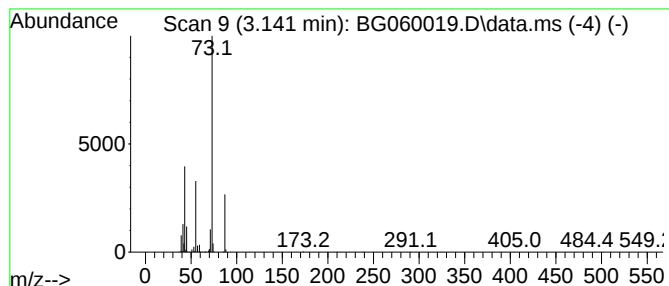
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.141	23.98 ng	1207820	1,4-Dichlorobenzene-d4	7.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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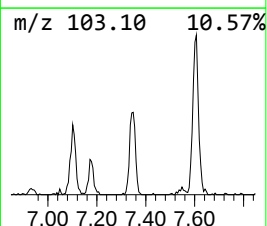
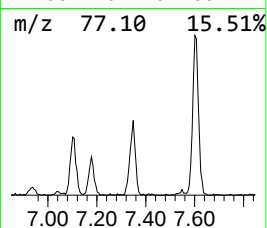
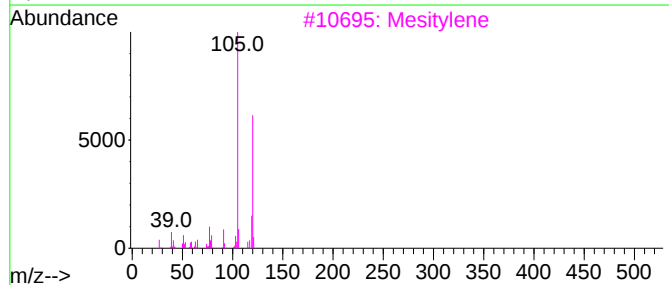
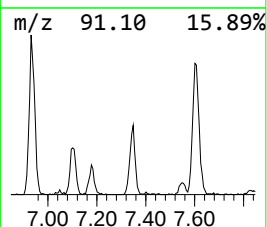
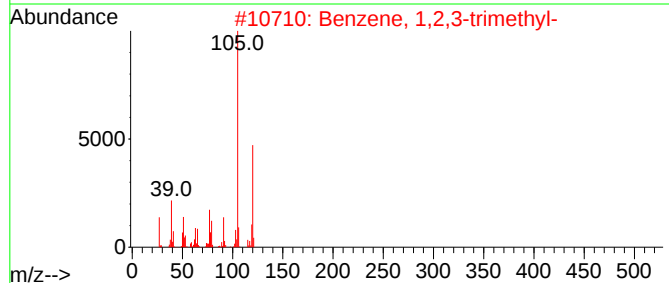
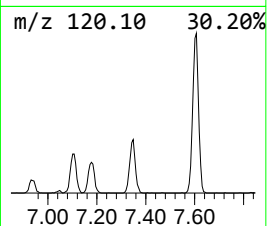
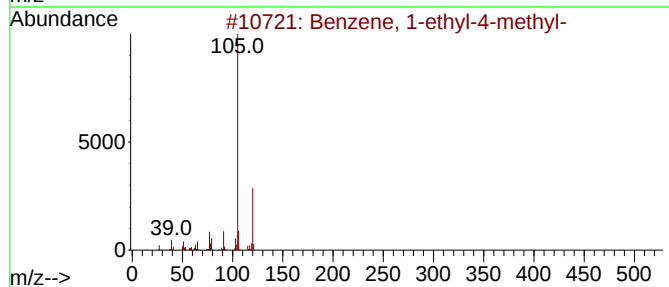
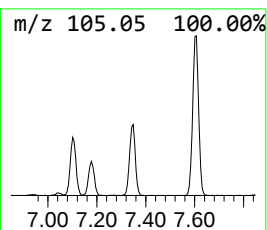
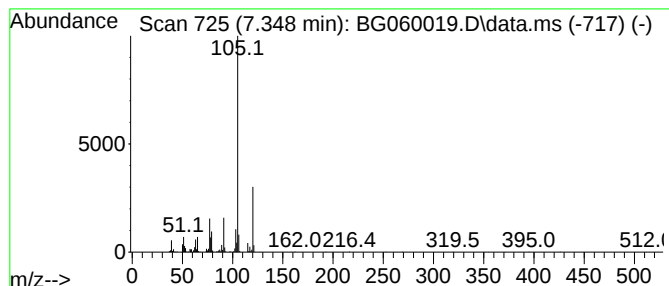
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.348	14.91 ng	750843	1,4-Dichlorobenzene-d4	7.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90



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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-06S

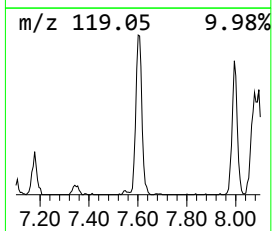
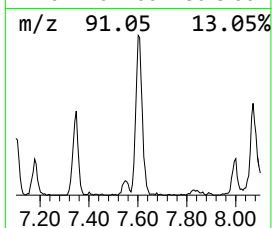
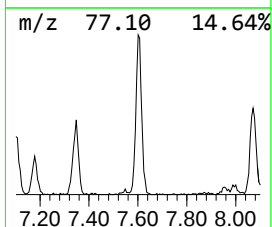
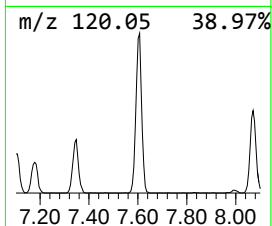
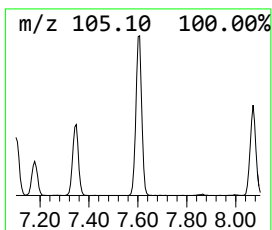
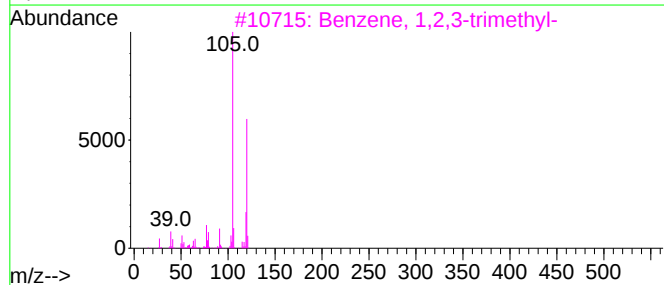
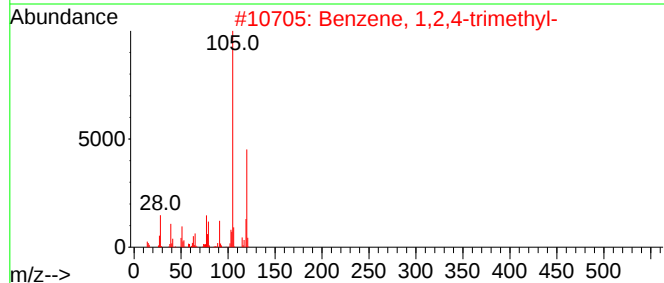
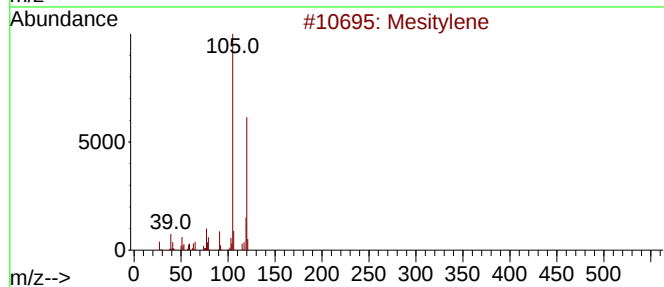
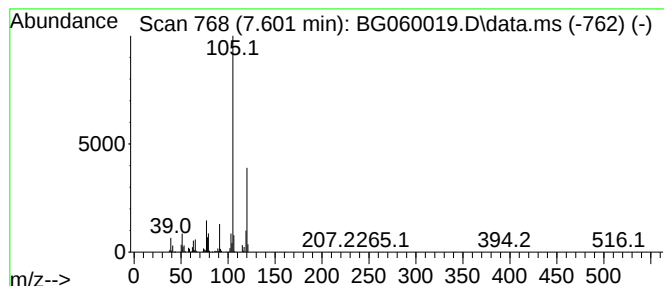
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.601	36.97 ng	1862250	1,4-Dichlorobenzene-d4	7.953

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



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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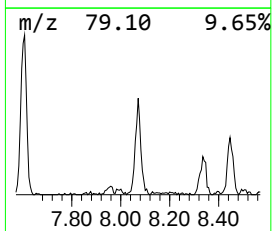
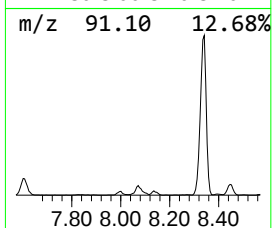
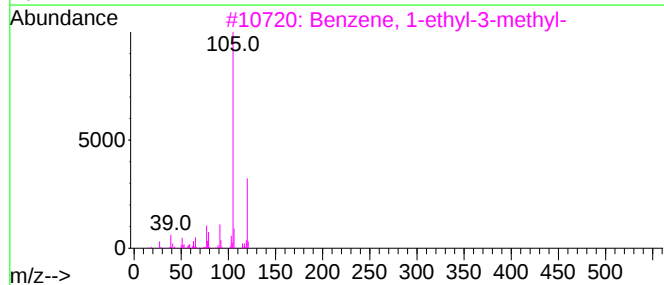
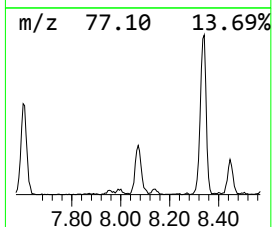
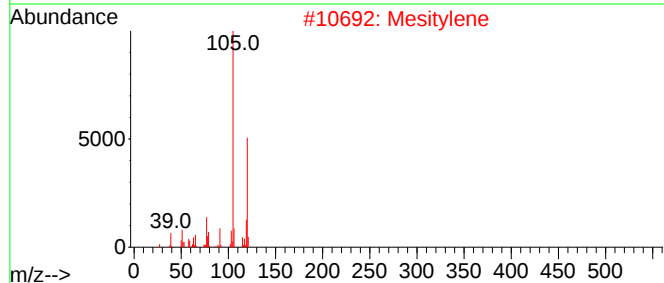
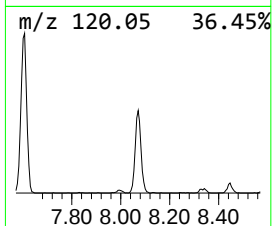
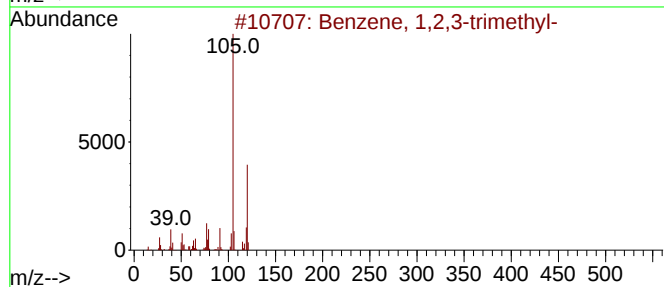
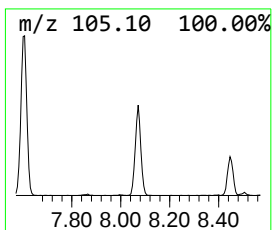
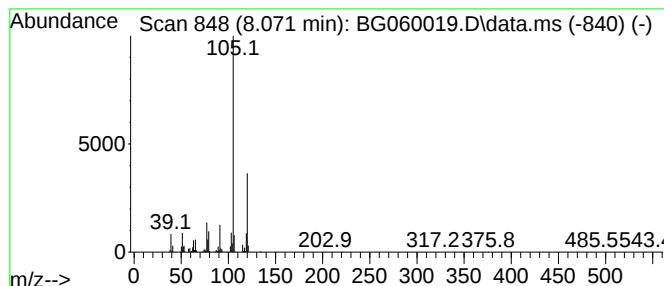
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.071	20.00 ng	1007370	1,4-Dichlorobenzene-d4	7.953

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



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BNA_G
ClientSampleId :
MW-06S

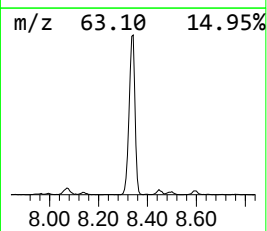
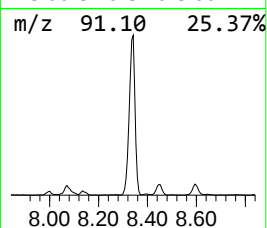
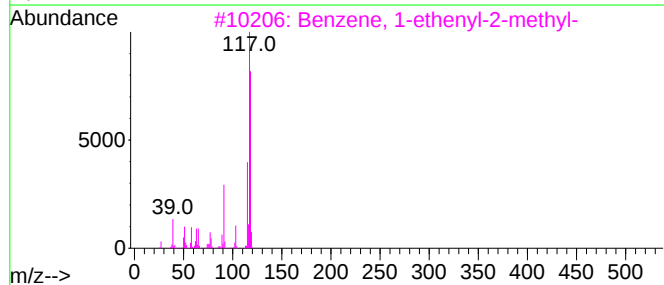
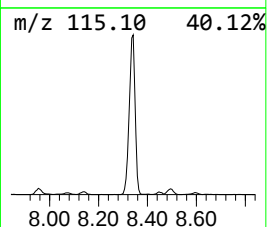
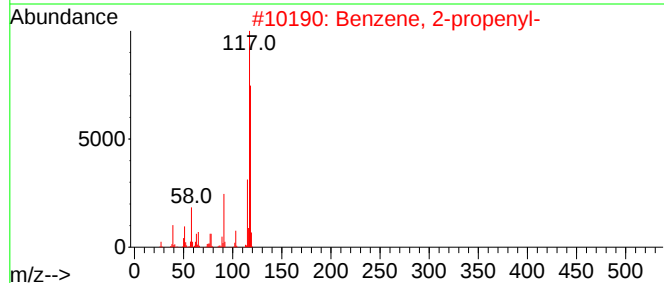
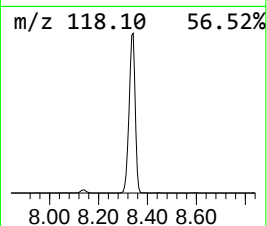
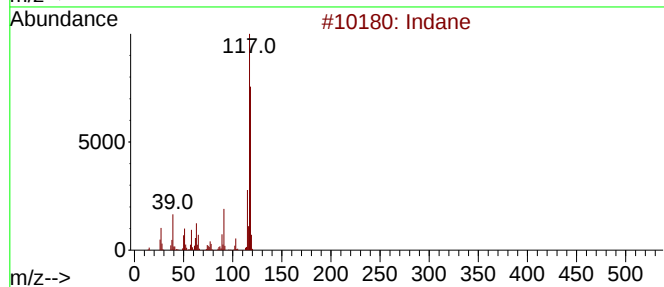
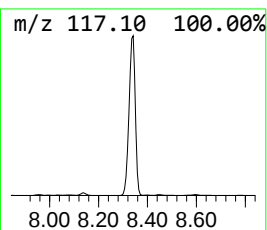
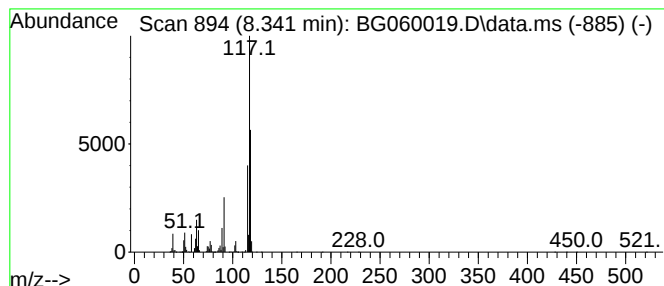
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.341	231.73 ng	11671900	1,4-Dichlorobenzene-d4	7.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	94
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
3			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	62
4			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	62
5			Benzene, cyclopropyl-	118	C9H10	000873-49-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
Data File : BG060019.D
Acq On : 14 Dec 2023 19:43
Operator : MA/JU
Sample : 05612-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-06S

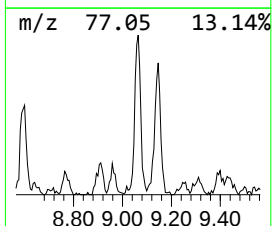
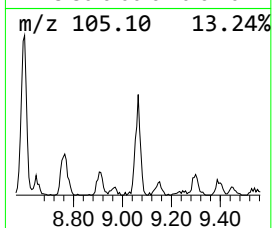
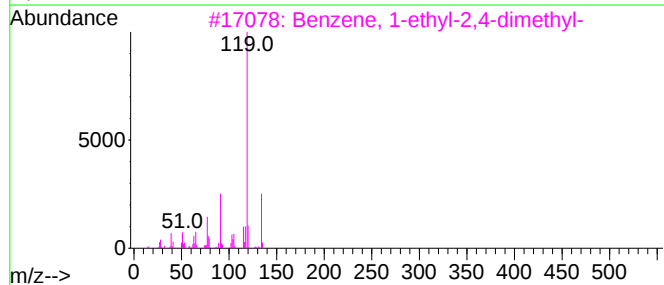
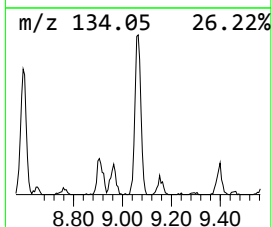
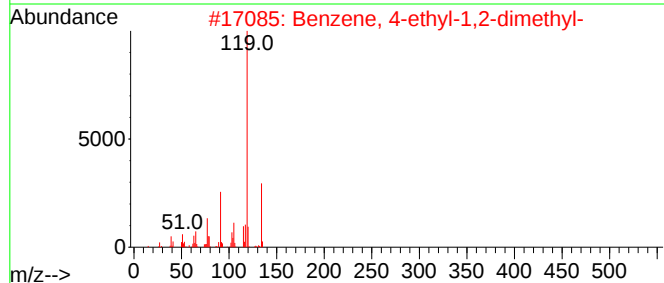
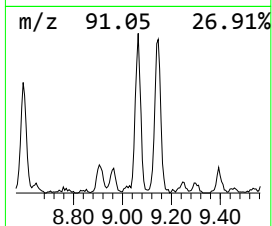
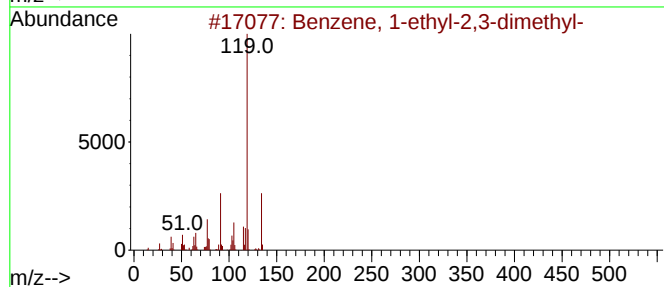
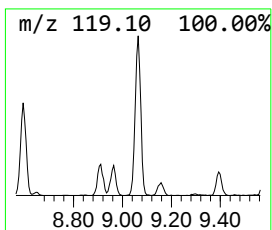
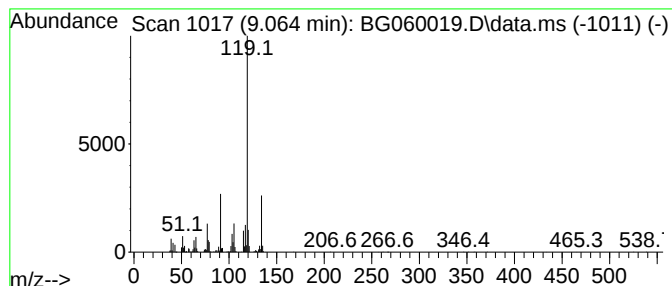
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.064	17.24 ng	868458	1,4-Dichlorobenzene-d4	7.953

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
Data File : BG060019.D
Acq On : 14 Dec 2023 19:43
Operator : MA/JU
Sample : 05612-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

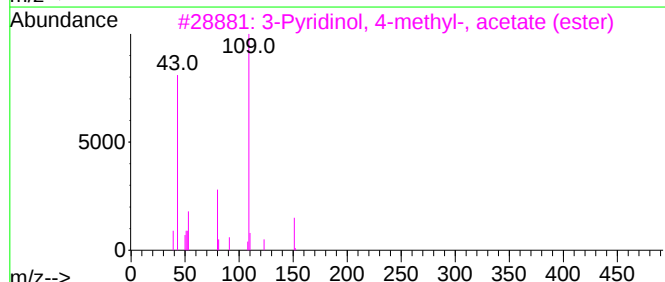
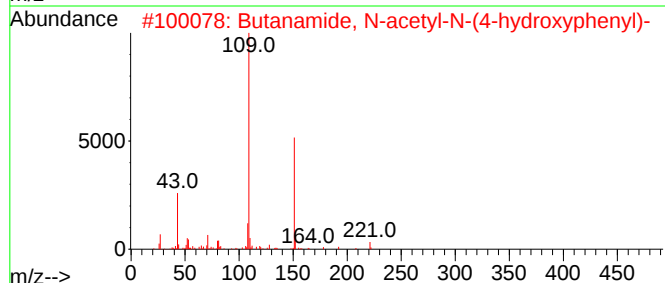
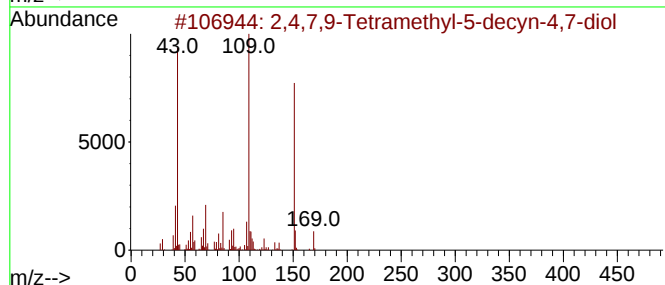
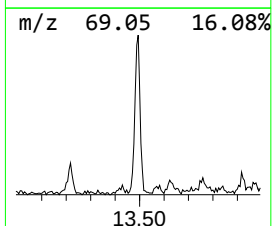
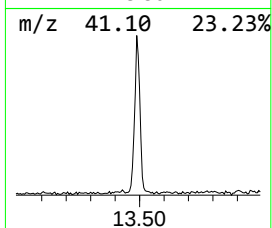
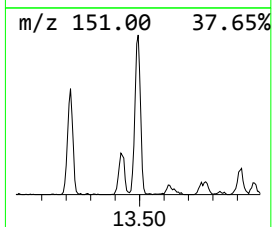
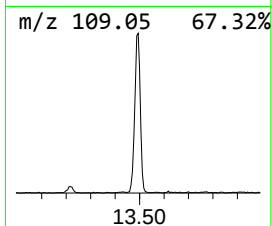
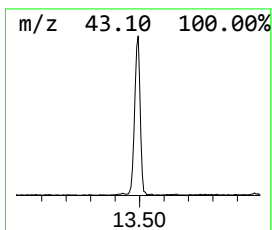
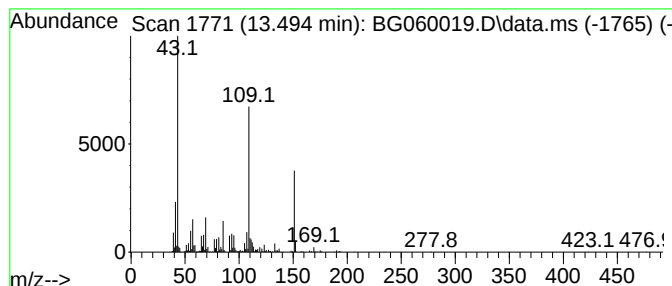
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.494	19.27 ng	1426000	Acenaphthene-d10	14.593	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	83
2	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	50
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	47
4	Metacetamol	151	C8H9NO2	000621-42-1	47
5	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
Data File : BG060019.D
Acq On : 14 Dec 2023 19:43
Operator : MA/JU
Sample : 05612-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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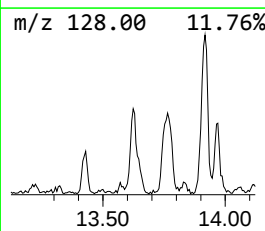
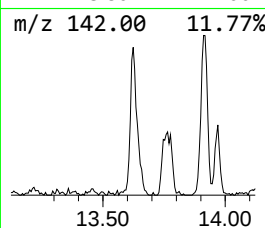
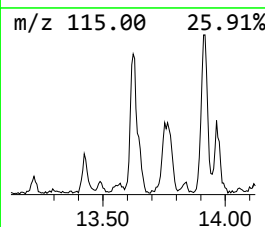
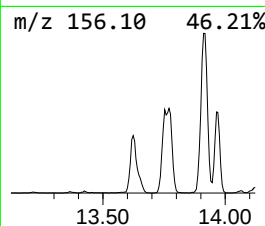
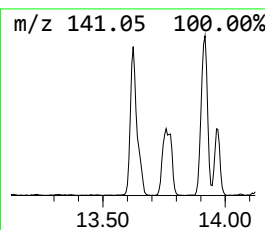
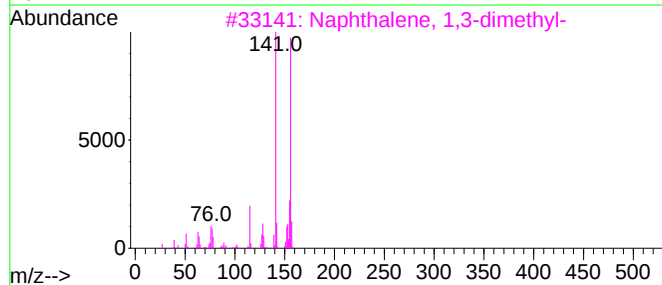
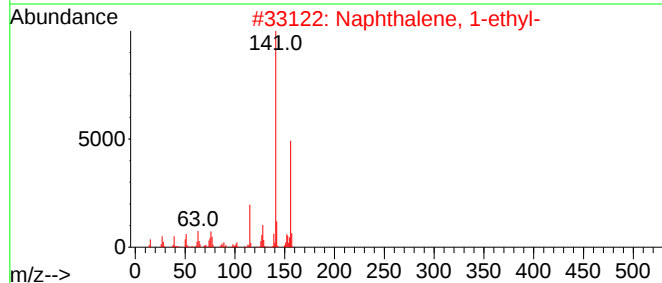
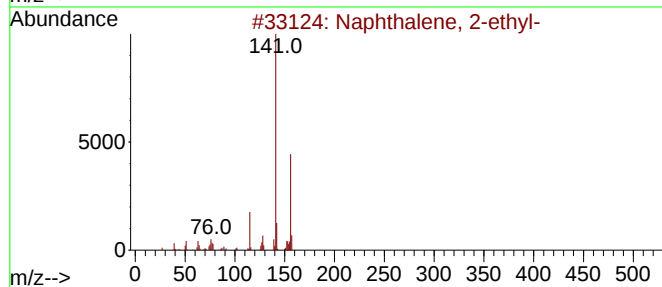
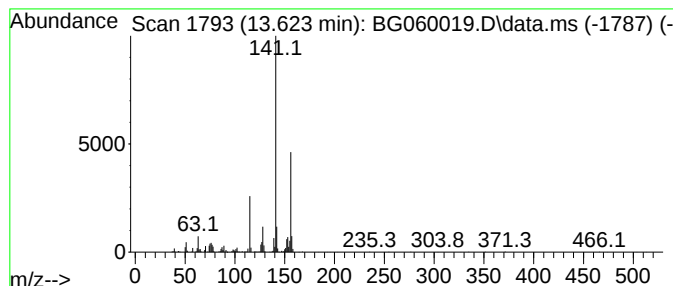
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	17.82 ng	1318710	Acenaphthene-d10	14.593

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
4			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5			Barbituric acid, 5-ethyl-5-pentyl-	226	C11H18N2O3	000115-58-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
Data File : BG060019.D
Acq On : 14 Dec 2023 19:43
Operator : MA/JU
Sample : 05612-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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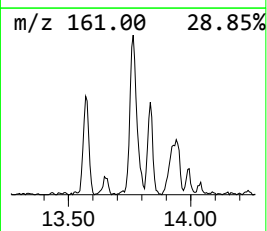
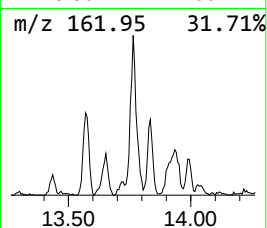
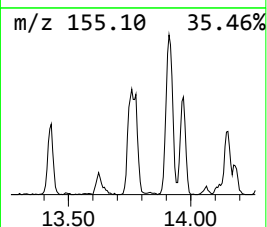
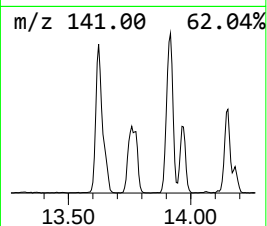
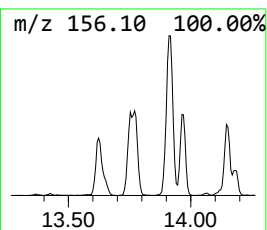
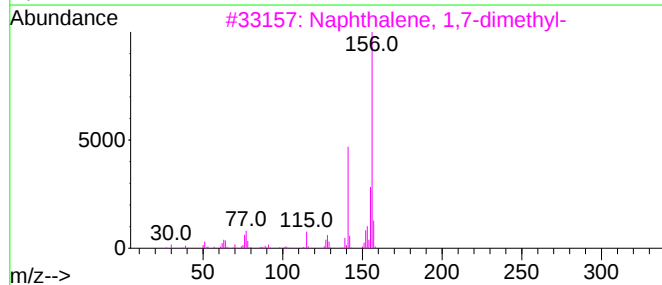
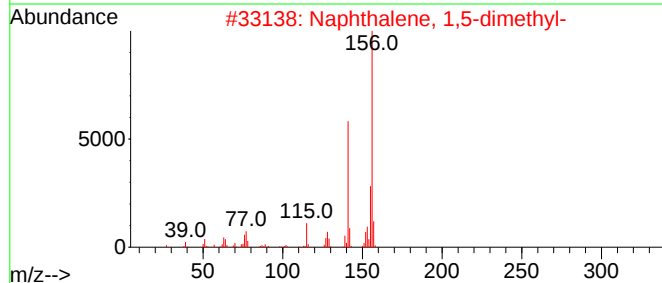
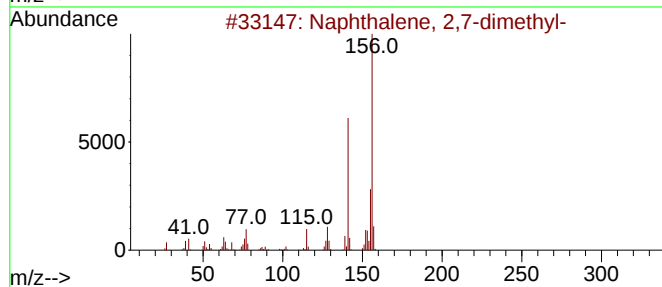
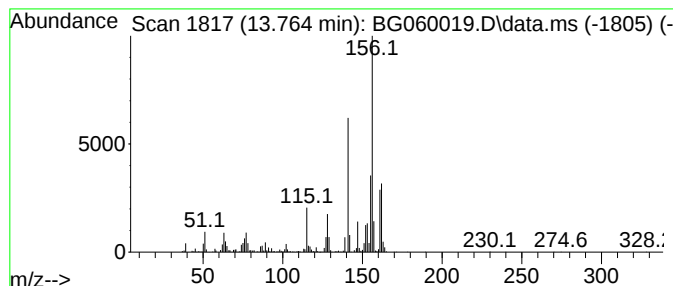
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.764	23.42 ng	1733530	Acenaphthene-d10	14.593

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	92
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
Data File : BG060019.D
Acq On : 14 Dec 2023 19:43
Operator : MA/JU
Sample : 05612-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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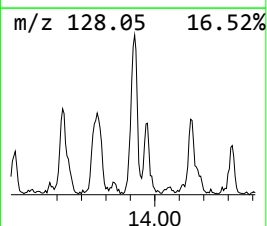
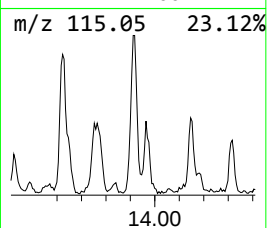
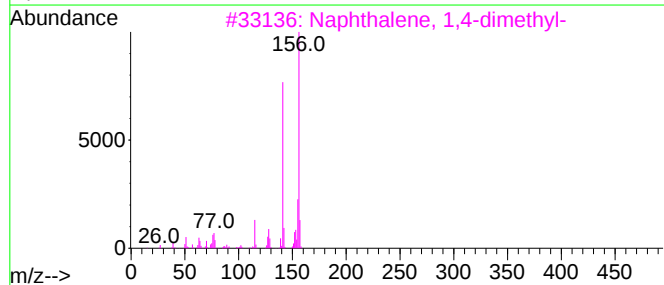
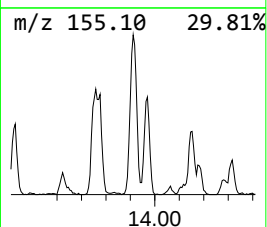
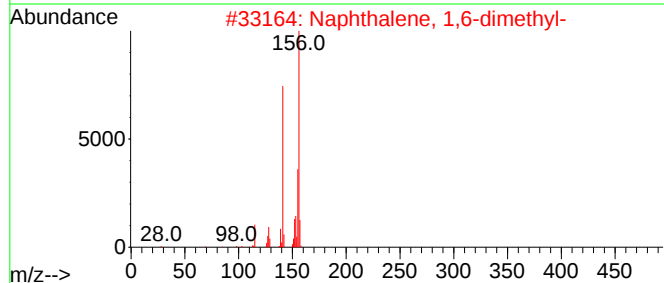
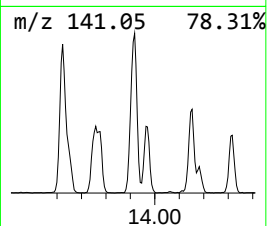
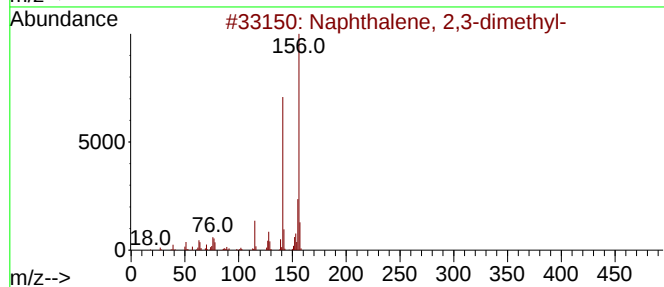
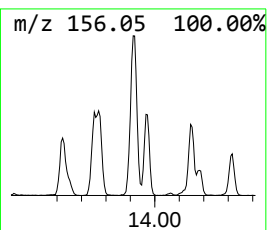
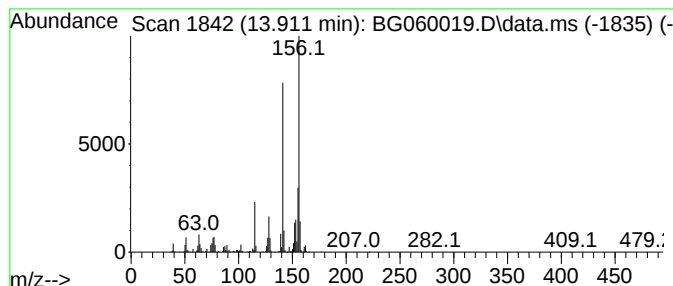
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.911	28.31 ng	2095290	Acenaphthene-d10	14.593

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
Data File : BG060019.D
Acq On : 14 Dec 2023 19:43
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Sample : 05612-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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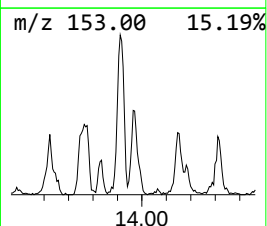
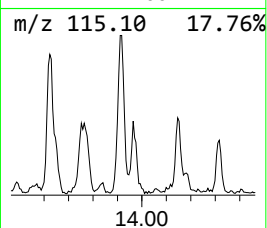
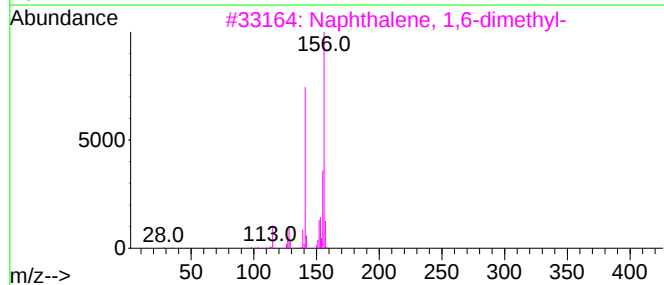
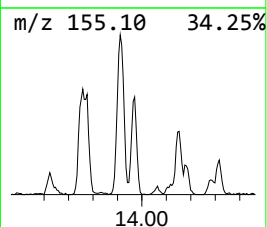
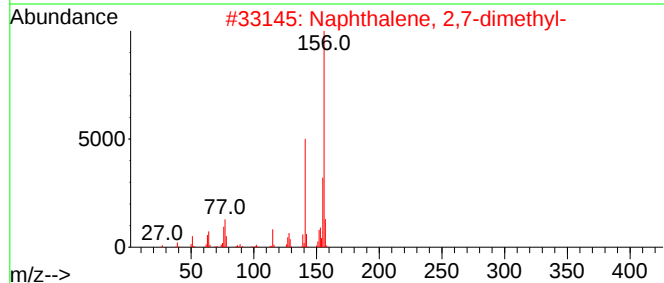
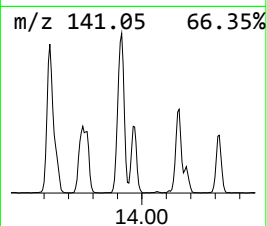
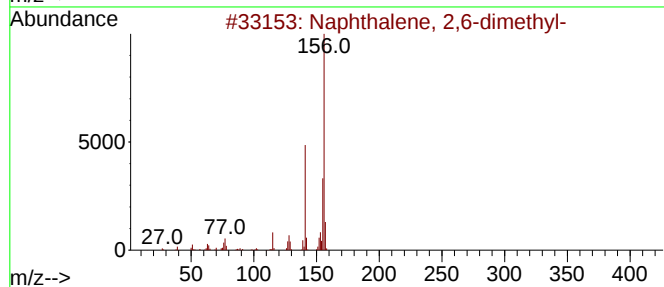
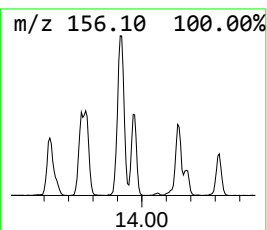
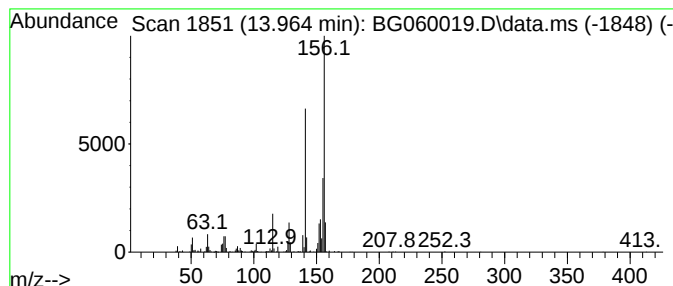
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.964	13.29 ng	983339	Acenaphthene-d10	14.593

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
Data File : BG060019.D
Acq On : 14 Dec 2023 19:43
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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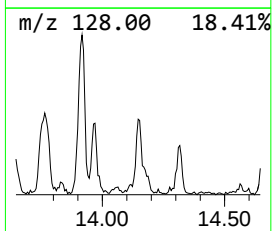
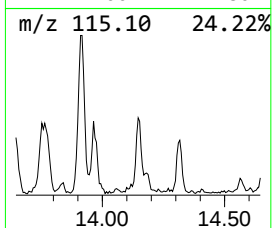
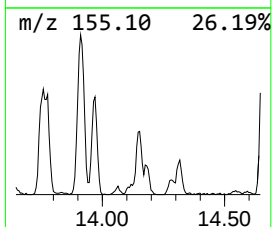
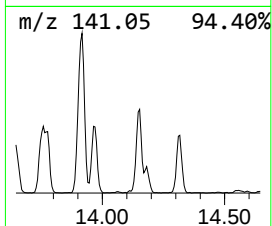
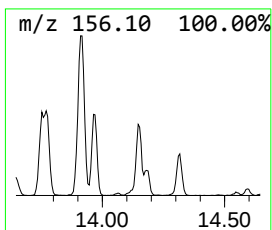
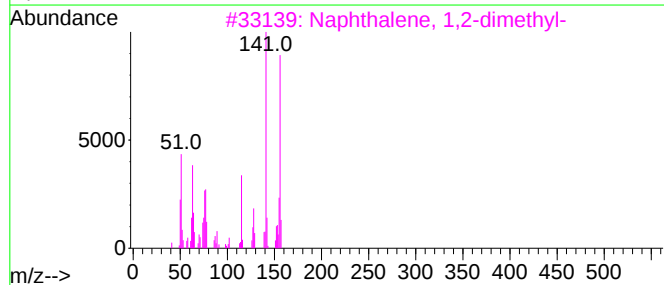
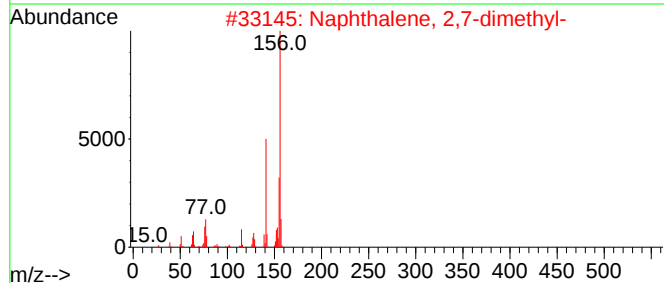
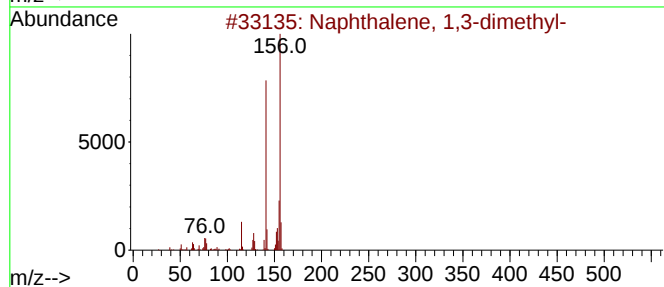
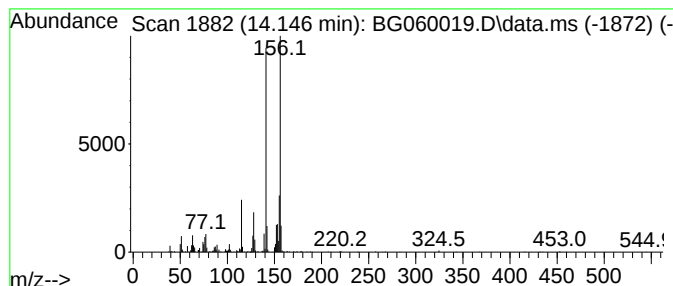
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.146	11.21 ng	829699	Acenaphthene-d10	14.593

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
Data File : BG060019.D
Acq On : 14 Dec 2023 19:43
Operator : MA/JU
Sample : 05612-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-06S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.141	24.0	ng	1207820	1	7.953	1007370	20.0
Benzene, 1-ethy...	7.348	14.9	ng	750843	1	7.953	1007370	20.0
Mesitylene	7.601	37.0	ng	1862250	1	7.953	1007370	20.0
Benzene, 1,2,3-...	8.071	20.0	ng	1007370	1	7.953	1007370	20.0
Indane	8.341	231.7	ng	11671900	1	7.953	1007370	20.0
Benzene, 1-ethy...	9.064	17.2	ng	868458	1	7.953	1007370	20.0
2,4,7,9-Tetrame...	13.494	19.3	ng	1426000	3	14.593	1480070	20.0
Naphthalene, 2-...	13.623	17.8	ng	1318710	3	14.593	1480070	20.0
Naphthalene, 2,...	13.764	23.4	ng	1733530	3	14.593	1480070	20.0
Naphthalene, 2,...	13.911	28.3	ng	2095290	3	14.593	1480070	20.0
Naphthalene, 2,...	13.964	13.3	ng	983339	3	14.593	1480070	20.0
Naphthalene, 1,...	14.146	11.2	ng	829699	3	14.593	1480070	20.0