

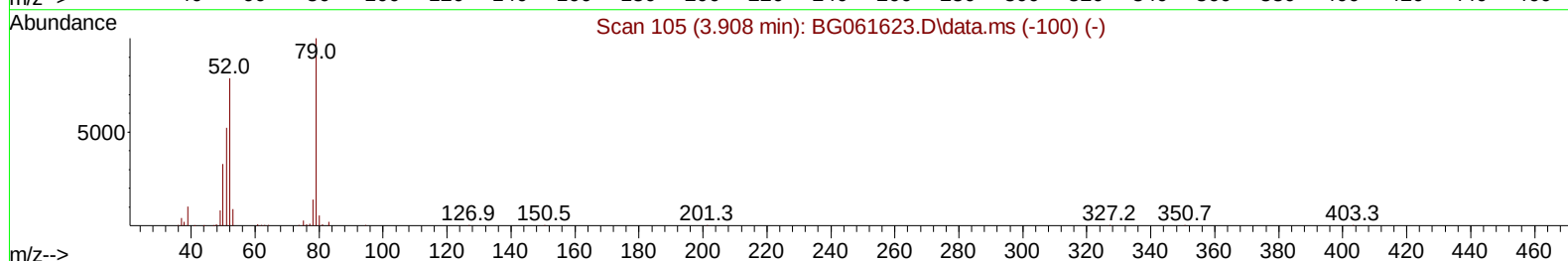
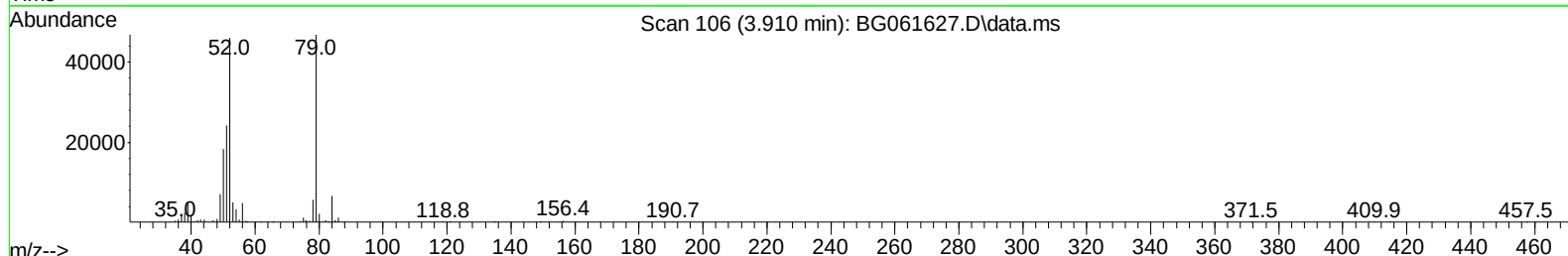
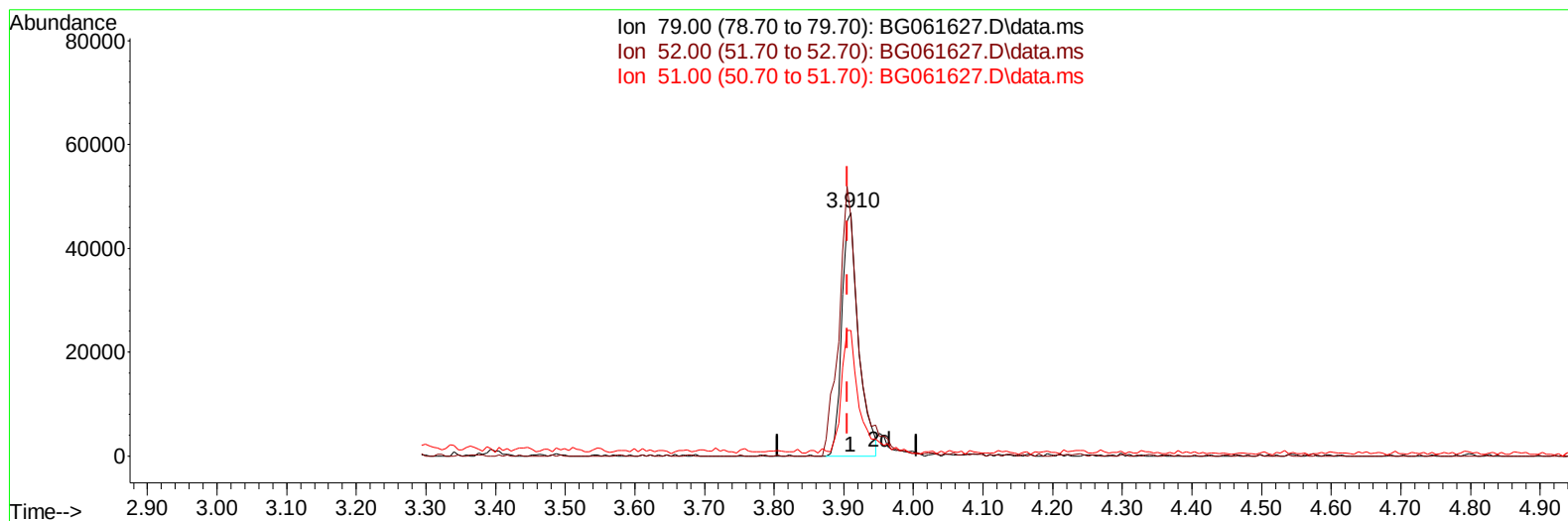
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061627.D
Acq On : 21 Jun 2024 19:36
Operator : MA/JU
Sample : P2754-07MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BP6MSD

Manual IntegrationsAPPROVED

Quant Time: Jun 21 22:04:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BG061627.D\data.ms

(5) Pyridine

3.910min (+ 0.005) 15.57 ng/u1

response 78327

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	105.50	98.22
51.00	53.80	51.60
0.00	0.00	0.00

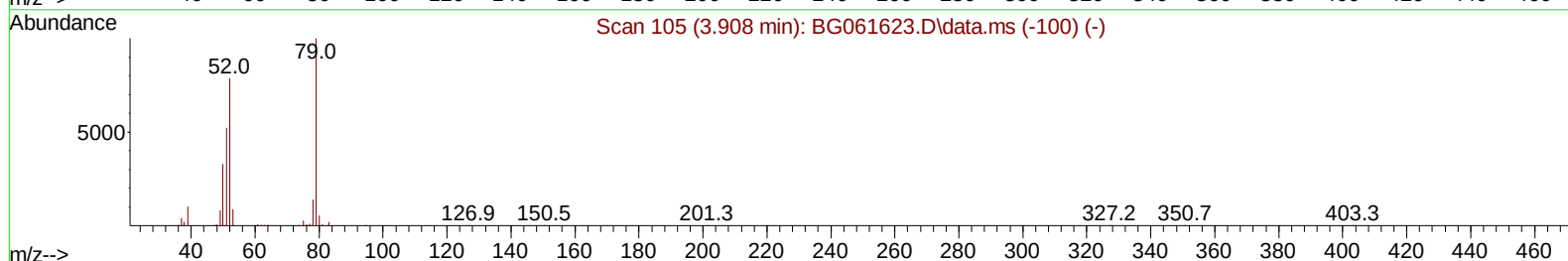
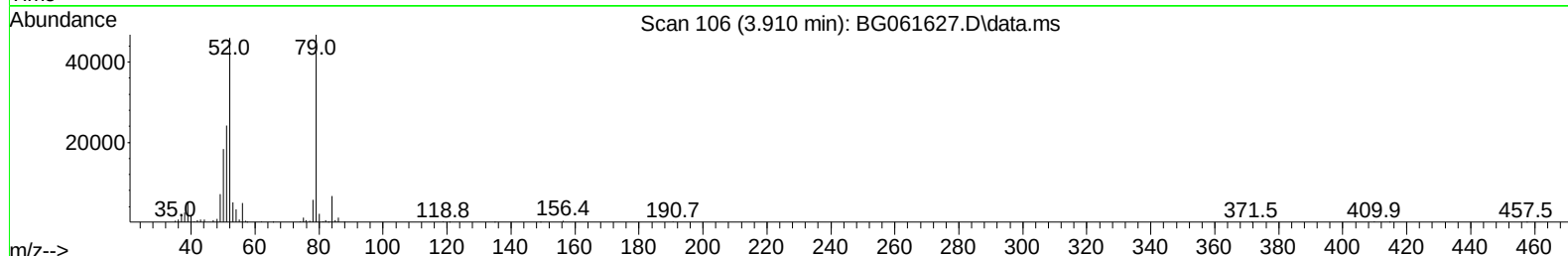
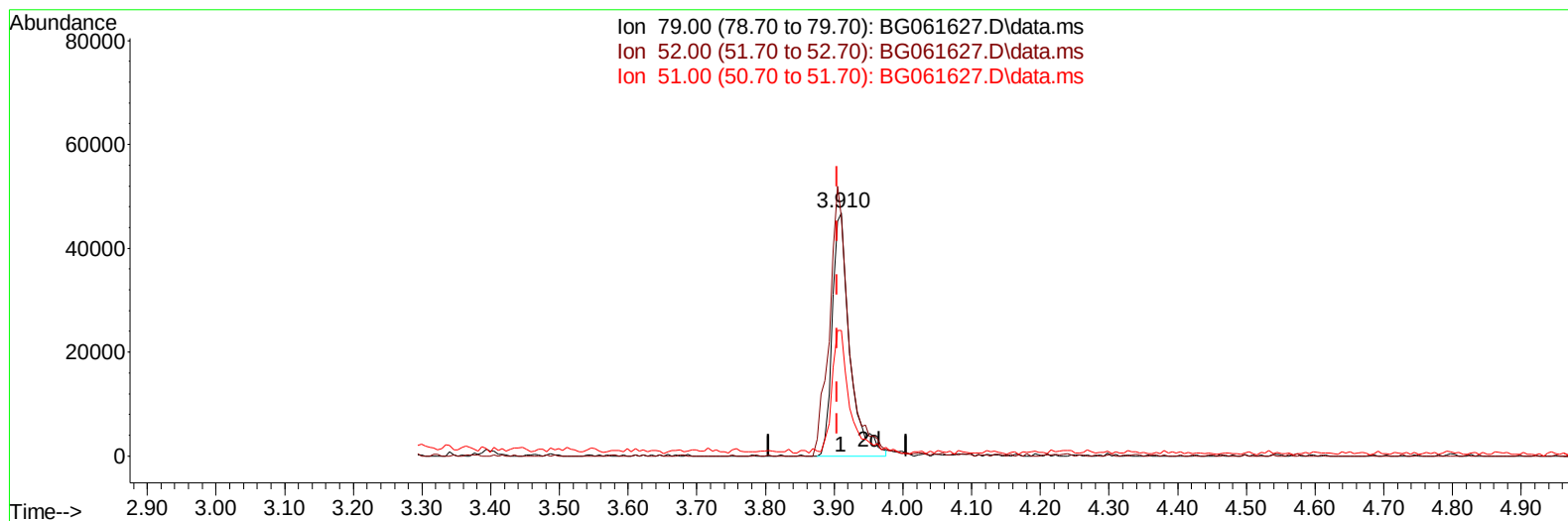
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Data File : BG061627.D
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Sample : P2754-07MSD
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Instrument :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Supervised By :mohammad ahmed 06/24/2024



TIC: BG061627.D\data.ms

(5) Pyridine

3.910min (+ 0.005) 16.43 ng/ul m

response 82653

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	105.50	98.22
51.00	53.80	51.60
0.00	0.00	0.00

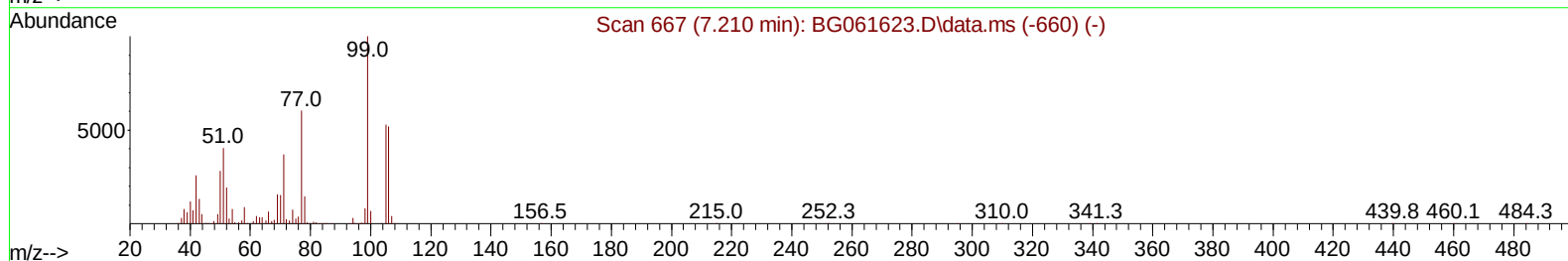
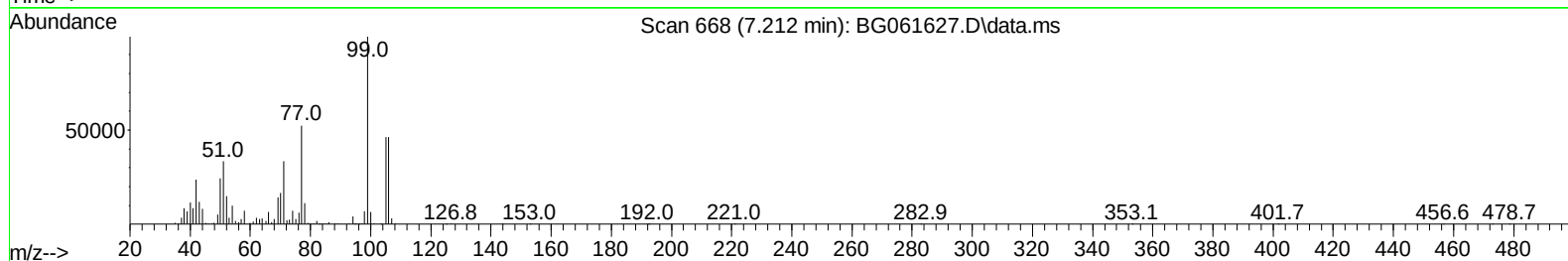
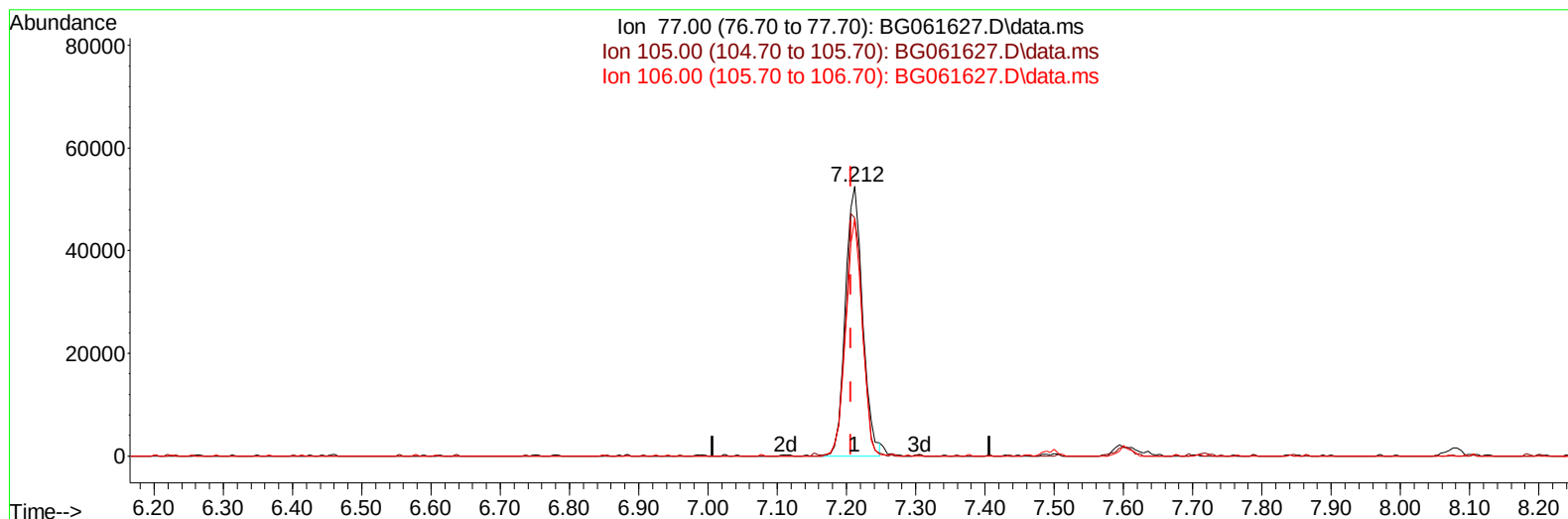
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Data File : BG061627.D
Acq On : 21 Jun 2024 19:36
Operator : MA/JU
Sample : P2754-07MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG061627.D\data.ms

(6) Benzaldehyde

7.212min (+ 0.005) 30.55 ng/u1

response 91223

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.80	88.22
106.00	79.40	88.03
0.00	0.00	0.00

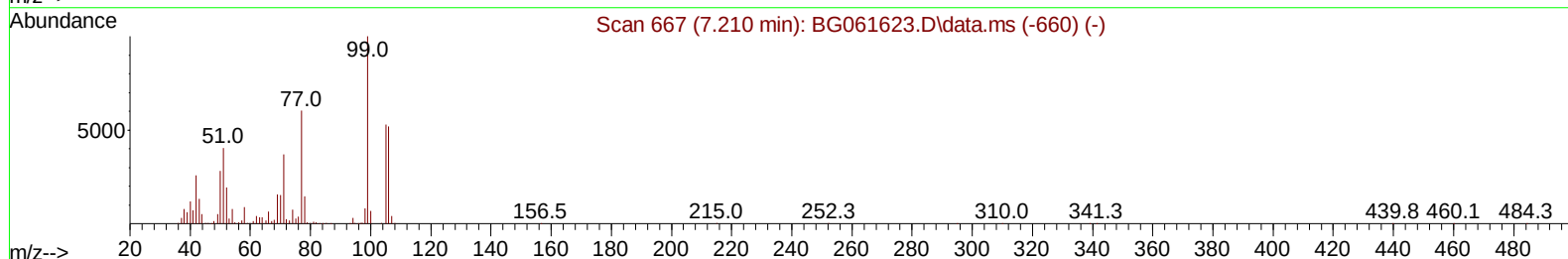
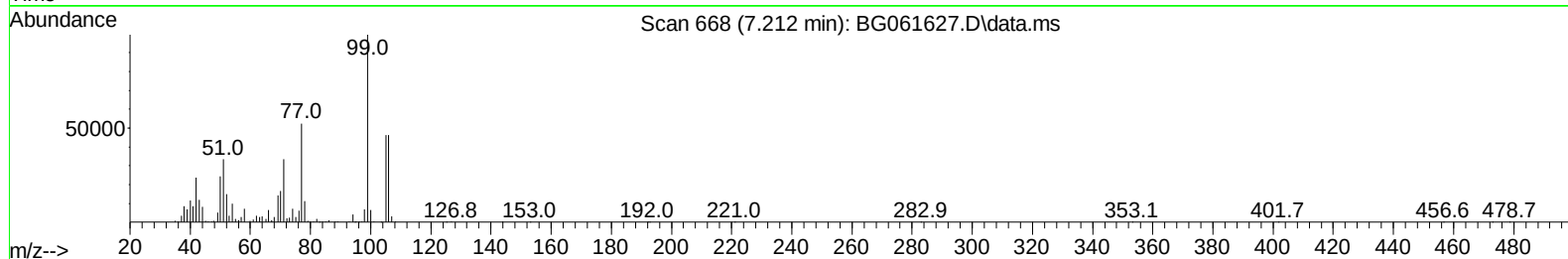
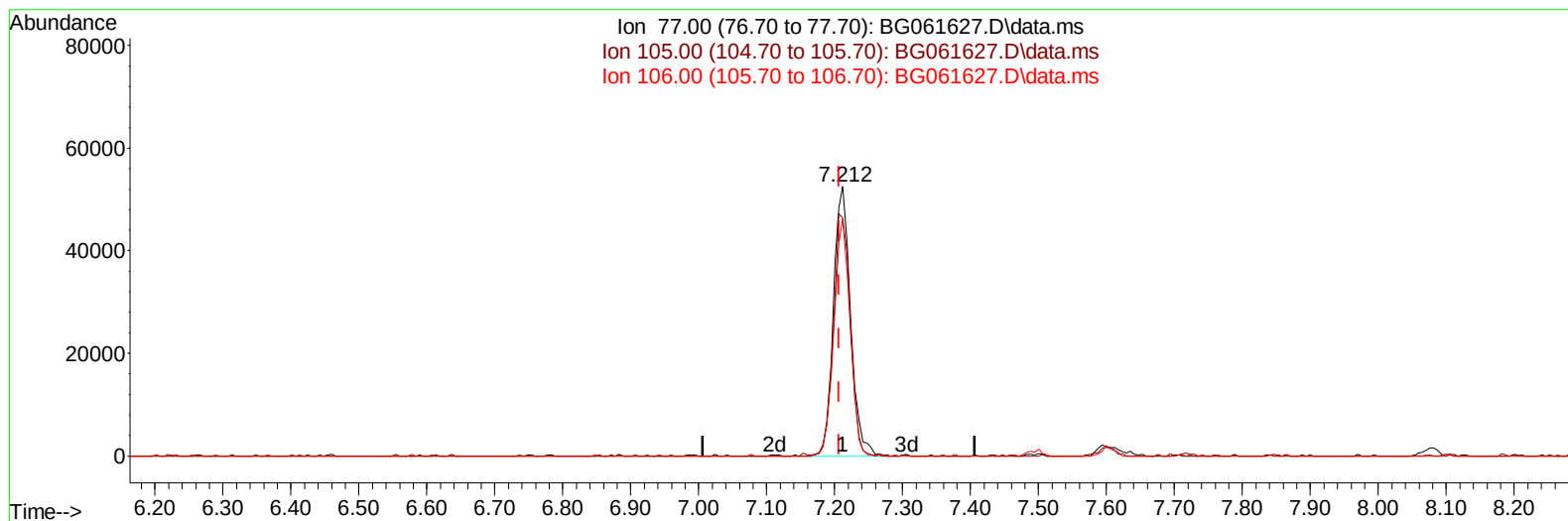
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
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 Acq On : 21 Jun 2024 19:36
 Operator : MA/JU
 Sample : P2754-07MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/24/2024



TIC: BG061627.D\data.ms

(6) Benzaldehyde

7.212min (+ 0.005) 30.91 ng/ul m

response 92292

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.80	88.22
106.00	79.40	88.03
0.00	0.00	0.00

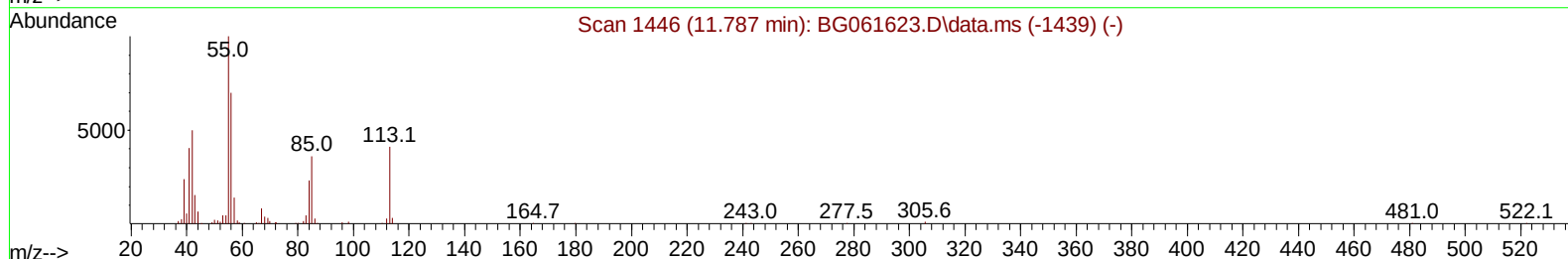
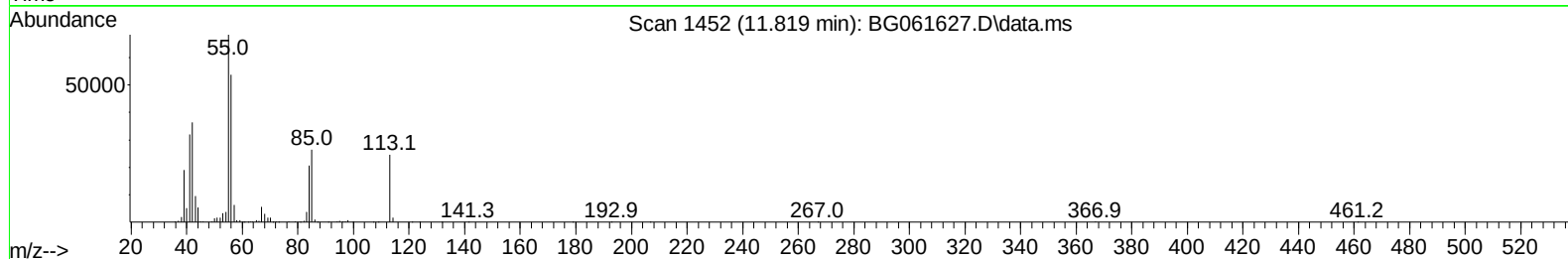
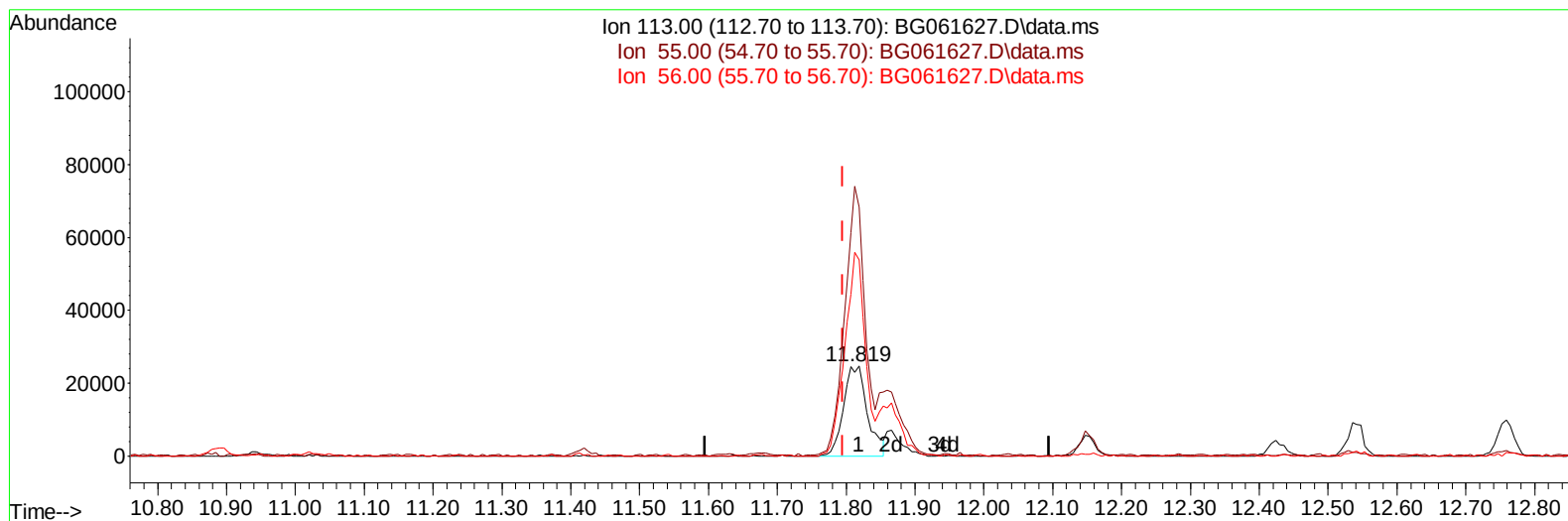
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061627.D
Acq On : 21 Jun 2024 19:36
Operator : MA/JU
Sample : P2754-07MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BP6MSD

Manual IntegrationsAPPROVED

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TIC: BG061627.D\data.ms

(34) Caprolactam

11.819min (+ 0.023) 35.30 ng/ul

response 59643

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	276.31
56.00	209.00	217.76
0.00	0.00	0.00

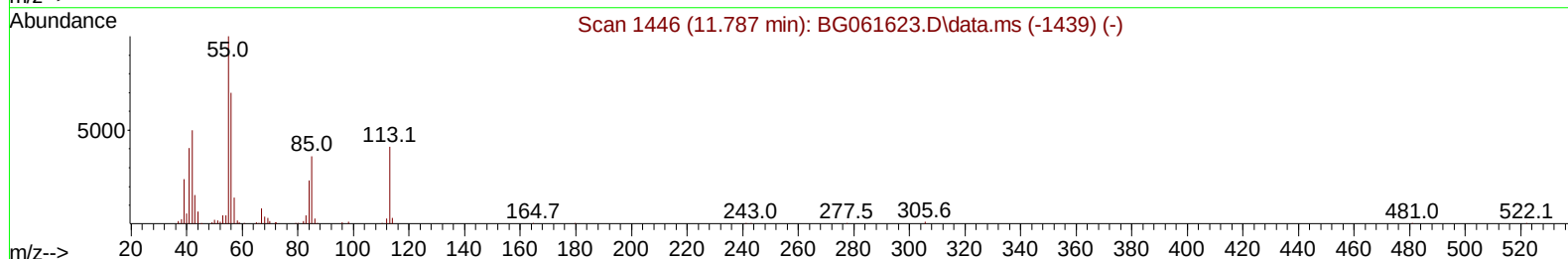
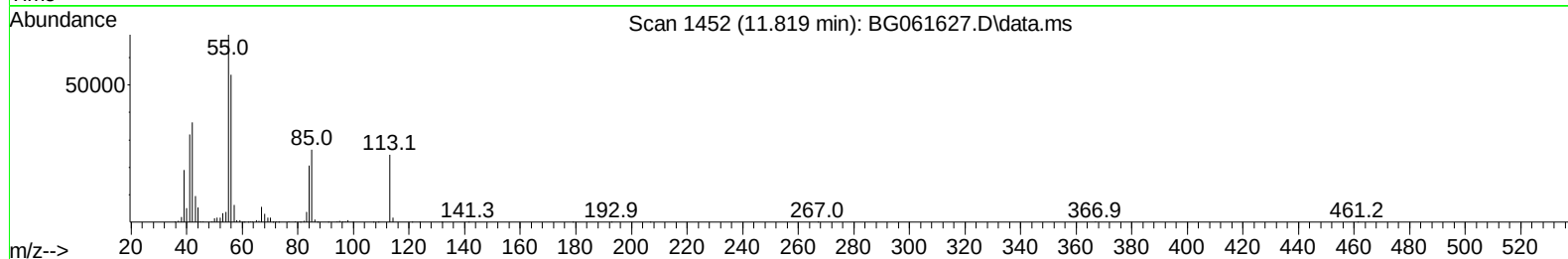
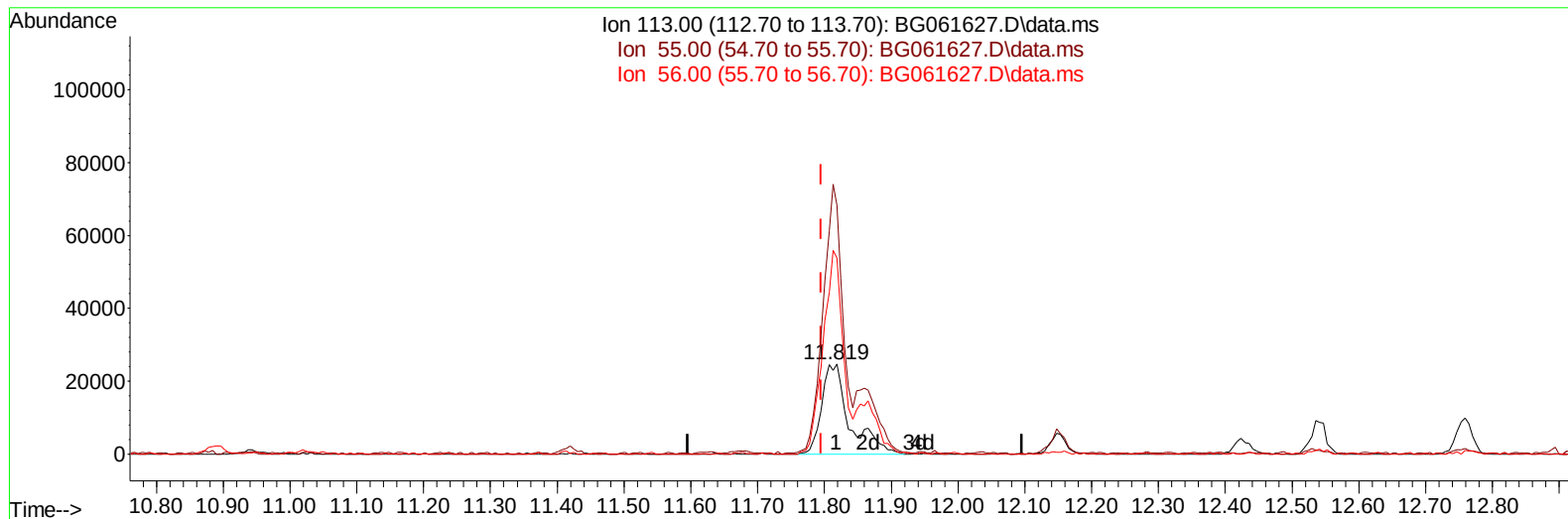
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061627.D
Acq On : 21 Jun 2024 19:36
Operator : MA/JU
Sample : P2754-07MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BP6MSD

Manual IntegrationsAPPROVED

Quant Time: Jun 21 22:04:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BG061627.D\data.ms

(34) Caprolactam

11.819min (+ 0.023) 41.90 ng/ul m

response 70810

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	276.31
56.00	209.00	217.76
0.00	0.00	0.00

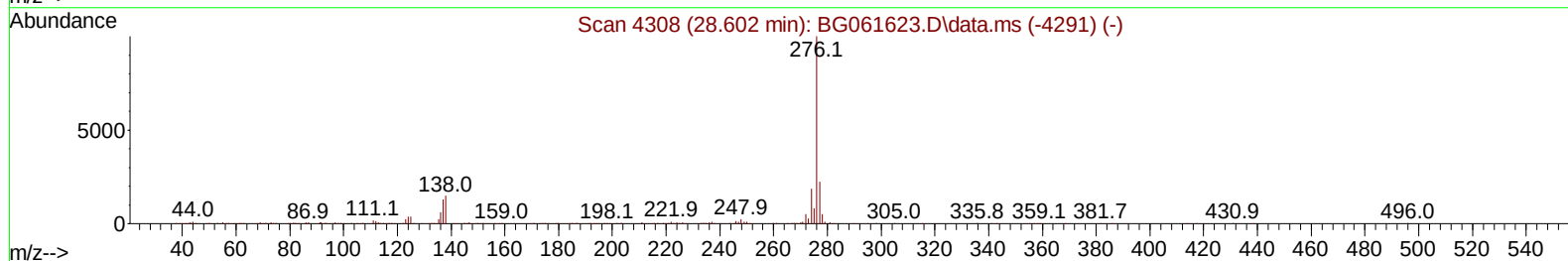
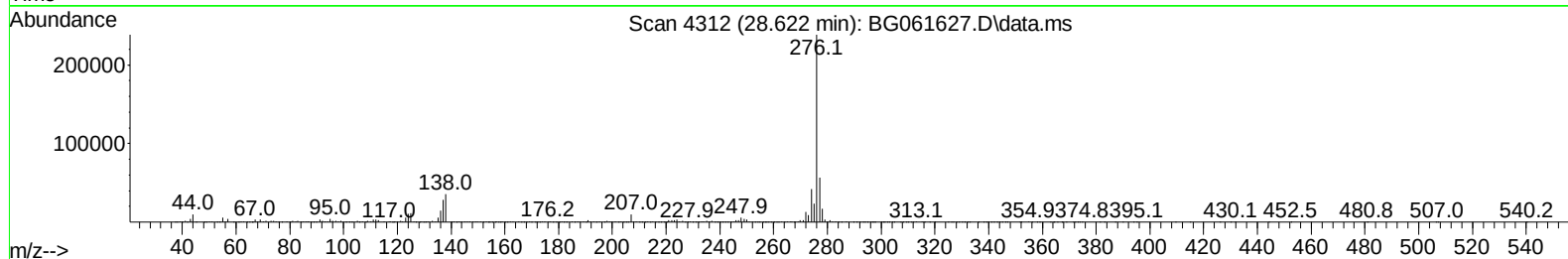
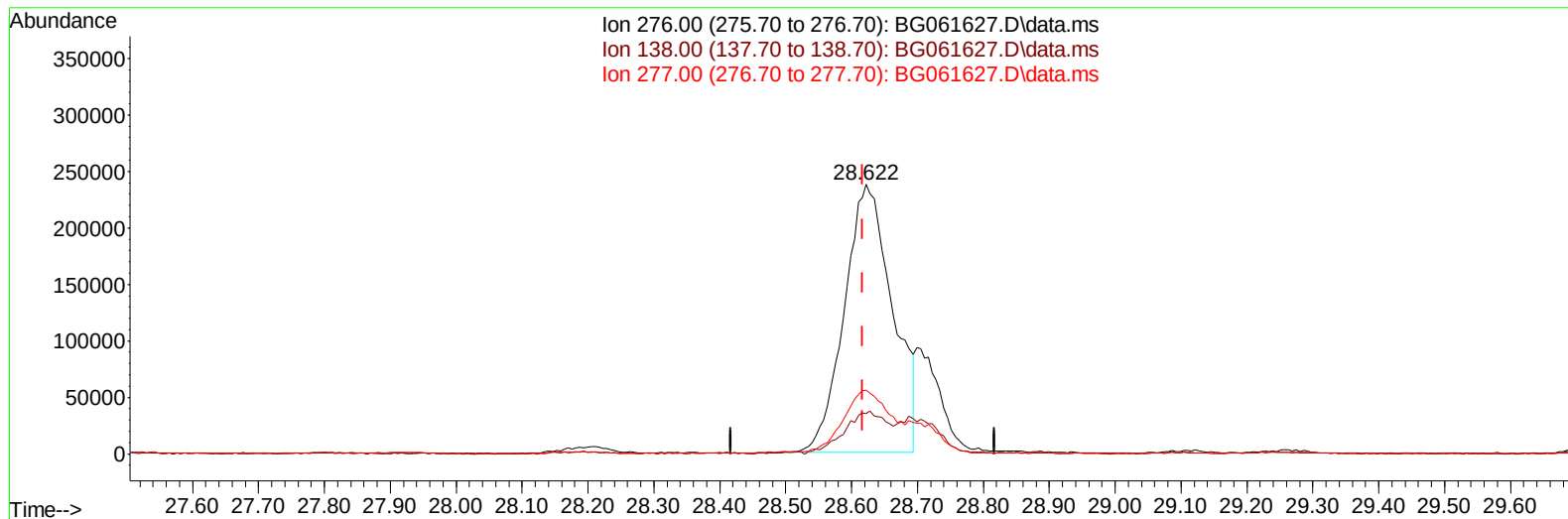
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Operator : MA/JU
Sample : P2754-07MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BP6MSD

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BG061627.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.622min (+ 0.005) 36.60 ng/ul

response 1199236

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	15.02
277.00	24.60	23.62
0.00	0.00	0.00

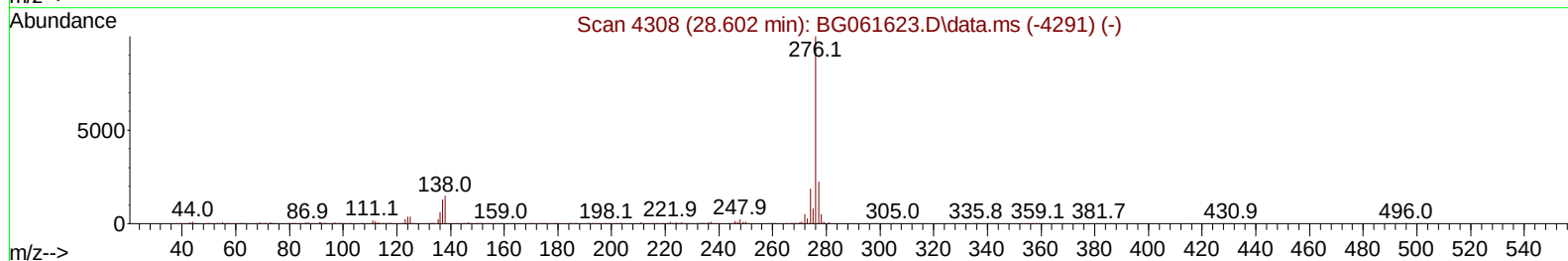
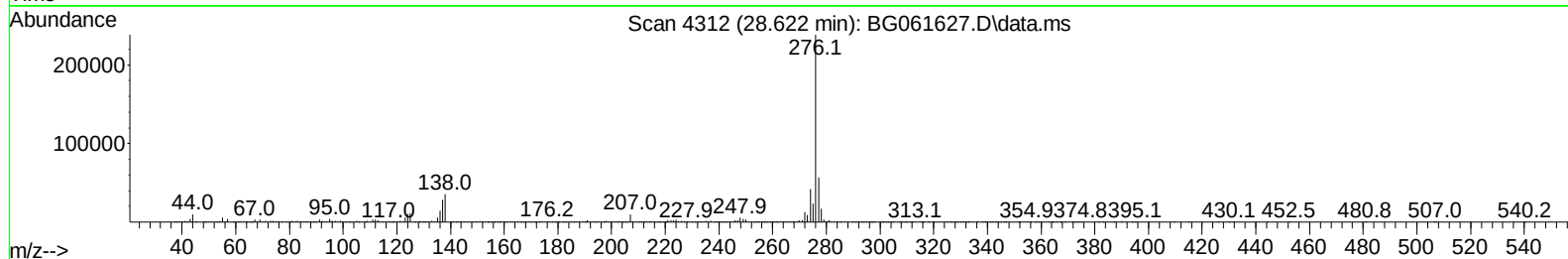
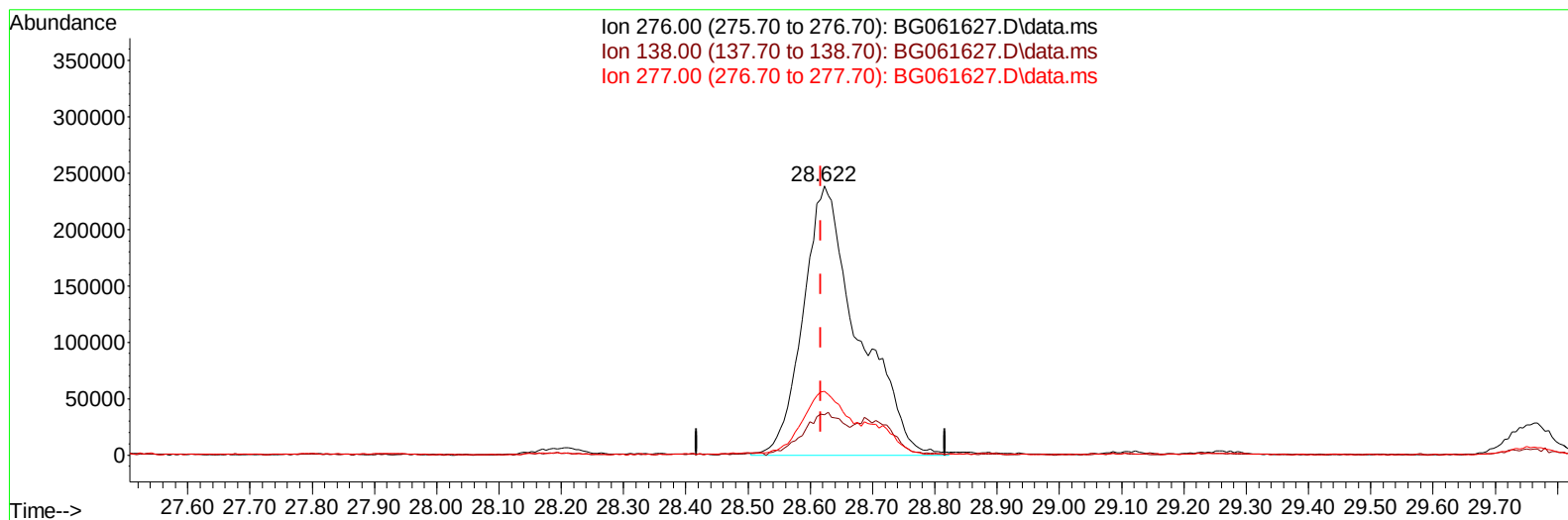
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061627.D
Acq On : 21 Jun 2024 19:36
Operator : MA/JU
Sample : P2754-07MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BP6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 22:04:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration



TIC: BG061627.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.622min (+ 0.005) 44.87 ng/ul m

response 1470407

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	15.02
277.00	24.60	23.62
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
 Data File : BG061627.D
 Acq On : 21 Jun 2024 19:36
 Operator : MA/JU
 Sample : P2754-07MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BP6MSD

Manual IntegrationsAPPROVED

Quant Time: Jun 21 22:14:39 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
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Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	55901	20.000	ng/ul	0.00
20) Naphthalene-d8	10.890	136	273911	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.703	164	194764	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	436131	20.000	ng/ul	0.00
79) Chrysene-d12	21.713	240	361908	20.000	ng/ul	0.00
88) Perylene-d12	24.939	264	454412	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	7983	5.159	ng/uL	0.00
4) Pyridine-d5	3.887	84	54322	11.611	ng/ul	0.00
7) Phenol-d5	7.212	99	170242	28.053	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.400	67	110828	29.296	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	123103	29.561	ng/ul	0.00
15) 4-Methylphenol-d8	8.775	113	115414	24.601	ng/ul	0.01
21) Nitrobenzene-d5	9.245	128	66687	35.856	ng/ul	0.01
24) 2-Nitrophenol-d4	9.968	143	70943	37.662	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.497	165	151378	33.939	ng/ul	0.00
31) 4-Chloroaniline-d4	11.014	131	105877	15.679	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	509774	34.013	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	571233	34.777	ng/ul	0.00
54) 4-Nitrophenol-d4	14.880	143	82579	32.081	ng/ul	0.01
60) Fluorene-d10	15.696	176	461422	35.167	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	70628	37.872	ng/ul	0.00
73) Anthracene-d10	17.547	188	693824	34.852	ng/ul	0.00
81) Pyrene-d10	19.821	212	665113	32.901	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.715	264	503147	23.183	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.505	88	29323	15.248	ng/ul#	84
5) Pyridine	3.910	79	82653m	16.434	ng/ul	
6) Benzaldehyde	7.212	77	92292m	30.905	ng/ul	
8) Phenol	7.242	94	305665	47.864	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.494	93	205624	42.779	ng/ul	98
12) 2-Chlorophenol	7.635	128	199649	47.786	ng/ul	95
13) 2-Methylphenol	8.505	108	213741	47.837	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.599	45	434368	44.233	ng/ul	97
16) Acetophenone	8.904	105	362307	46.901	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.887	70	176631	42.564	ng/ul	91
18) 4-Methylphenol	8.834	108	245306	49.006	ng/ul	99
19) Hexachloroethane	9.163	117	61316	36.602	ng/ul	88
22) Nitrobenzene	9.286	77	266315	49.706	ng/ul	94
23) Isophorone	9.809	82	534274	43.360	ng/ul	99
25) 2-Nitrophenol	9.997	139	110378	56.038	ng/ul#	77
26) 2,4-Dimethylphenol	10.050	107	226346	41.087	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.297	93	311368	44.670	ng/ul#	96
29) 2,4-Dichlorophenol	10.526	162	213017	52.126	ng/ul	97
30) Naphthalene	10.937	128	703181	45.881	ng/ul	98
32) 4-Chloroaniline	11.037	127	153619	22.937	ng/ul	99
33) Hexachlorobutadiene	11.219	225	139192	49.310	ng/ul	96
34) Caprolactam	11.819	113	70810m	41.905	ng/ul	
35) 4-Chloro-3-methylphenol	12.148	107	292944	51.263	ng/ul	96

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Manual IntegrationsAPPROVED

Quant Time: Jun 21 22:14:39 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.541	142	527042	48.735	ng/ul	93
37) 1-Methylnaphthalene	12.759	142	549430	47.616	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.900	216	278380	50.504	ng/ul	96
40) Hexachlorocyclopentadiene	12.882	237	112362	34.261	ng/ul	97
41) 2,4,6-Trichlorophenol	13.135	196	198688	55.869	ng/ul	86
42) 2,4,5-Trichlorophenol	13.205	196	221426	57.124	ng/ul	92
43) 1,1'-Biphenyl	13.546	154	728272	51.620	ng/ul	97
44) 2-Chloronaphthalene	13.587	162	553023	51.031	ng/ul	96
45) 2-Nitroaniline	13.781	65	235710	63.536	ng/ul	95
47) Dimethylphthalate	14.157	163	711424	47.801	ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	148108	59.969	ng/ul	95
50) Acenaphthylene	14.427	152	888335	48.450	ng/ul	98
51) 3-Nitroaniline	14.604	138	128947	50.984	ng/ul#	95
52) Acenaphthene	14.768	153	619915	48.821	ng/ul	94
53) 2,4-Dinitrophenol	14.803	184	71464	56.941	ng/ul	92
55) 4-Nitrophenol	14.891	109	147320	55.422	ng/ul	96
56) Dibenzofuran	15.103	168	897541	50.512	ng/ul	89
57) 2,4-Dinitrotoluene	15.056	165	227251	61.989	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.320	232	206141	54.236	ng/ul	98
59) Diethylphthalate	15.526	149	753710	49.170	ng/ul	99
61) Fluorene	15.749	166	729660	49.619	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.743	204	350518	48.015	ng/ul	97
63) 4-Nitroaniline	15.761	138	151555	56.563	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.820	198	122424	57.955	ng/ul#	99
67) N-Nitrosodiphenylamine	15.955	169	619451	54.924	ng/ul	99
68) 4-Bromophenyl-phenylether	16.636	248	246724	54.943	ng/ul	95
69) Hexachlorobenzene	16.742	284	231345	42.452	ng/ul	99
70) Atrazine	16.901	200	189067	41.969	ng/ul	99
71) Pentachlorophenol	17.083	266	178439	53.754	ng/ul	99
72) Phenanthrene	17.488	178	1389250	60.548	ng/ul	99
74) Anthracene	17.582	178	1187305	50.602	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.505	216	296436	61.007	ng/uL	98
76) Pentachlorobenzene	15.015	250	284643	48.780	ng/uL	93
77) Carbazole	17.847	167	982690	49.326	ng/ul	100
78) Di-n-butylphthalate	18.411	149	1273965	53.466	ng/ul	97
80) Fluoranthene	19.492	202	1776666	75.745	ng/ul	98
82) Pyrene	19.856	202	1465939	58.777	ng/ul	95
83) Butylbenzylphthalate	20.749	149	558485	61.502	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.607	252	232064	30.326	ng/ul	92
85) Benzo(a)anthracene	21.695	228	1574907	61.994	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.619	149	874813	65.538	ng/ul	97
87) Chrysene	21.760	228	1523516	63.379	ng/ul	99
89) Di-n-octyl phthalate	22.847	149	1418839	59.199	ng/ul	100
90) Benzo(b)fluoranthene	23.922	252	1724197	63.120	ng/ul	99
91) Benzo(k)fluoranthene	23.993	252	1585037	56.422	ng/ul	99
93) Benzo(a)pyrene	24.786	252	793899	30.189	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.622	276	1470407m	44.870	ng/ul	
95) Dibenzo(a,h)anthracene	28.705	278	1472954	54.054	ng/ul	97
96) Benzo(g,h,i)perylene	29.762	276	137815	5.217	ng/ul#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

BNA_G

ClientSampleId :

A4BP6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024

