

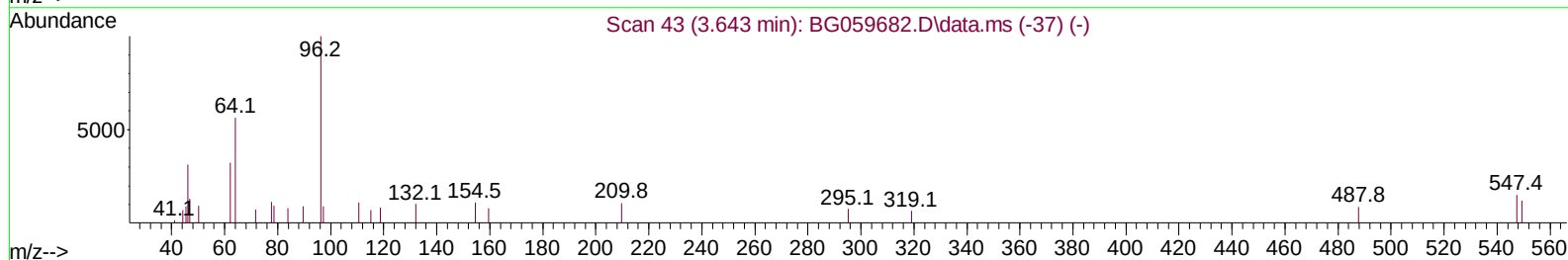
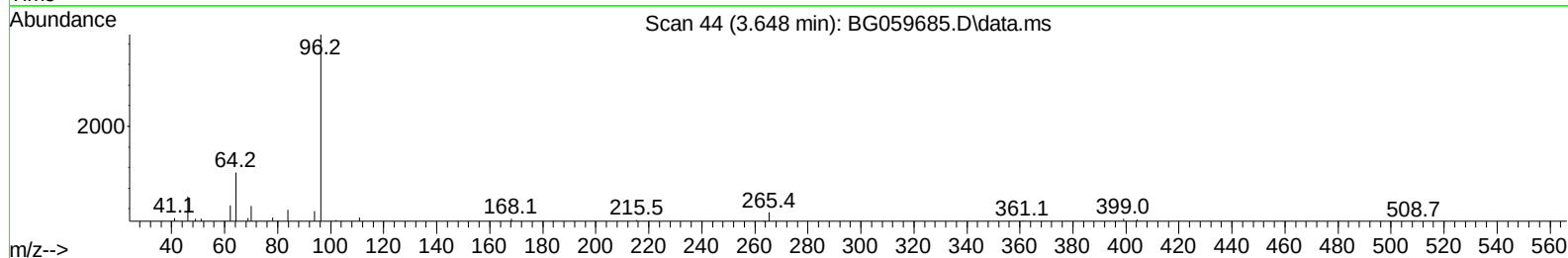
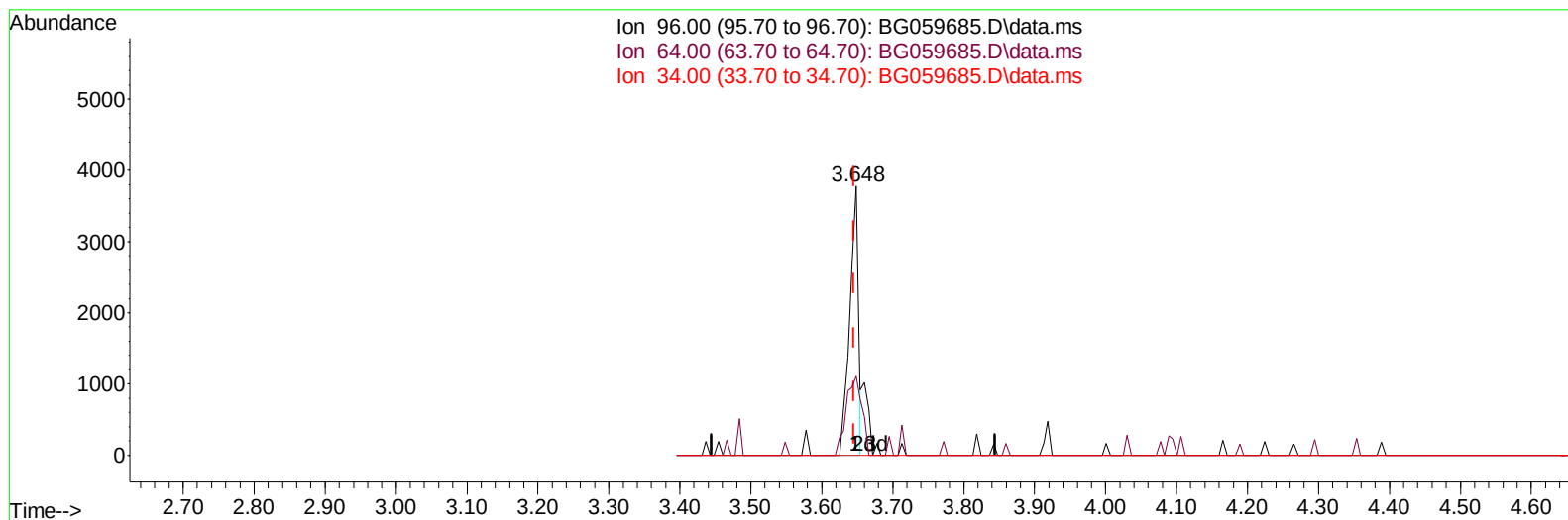
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059685.D
 Acq On : 6 Nov 2023 11:48
 Operator : MA/JU
 Sample : PB156654BS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS654

Manual IntegrationsAPPROVED

Quant Time: Nov 06 12:36:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023



TIC: BG059685.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.648min (+ 0.003) 5.05 ng/uL

response 3283

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	40.30	29.35#
34.00	0.00	0.00
0.00	0.00	0.00

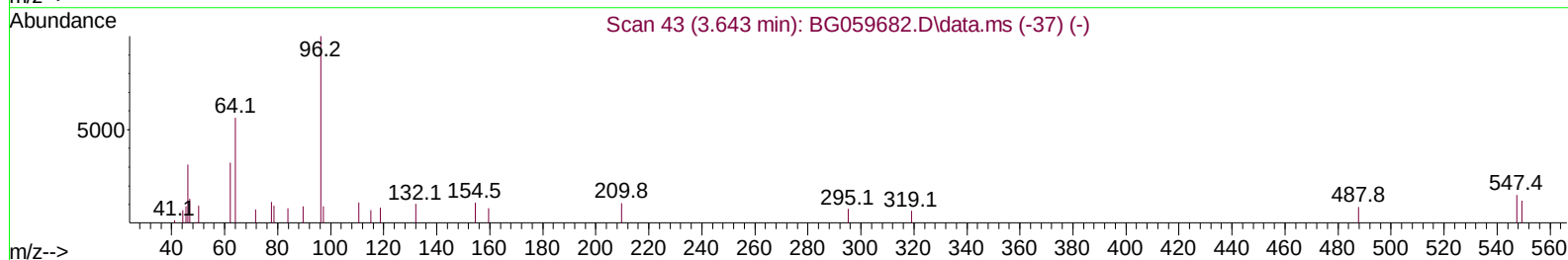
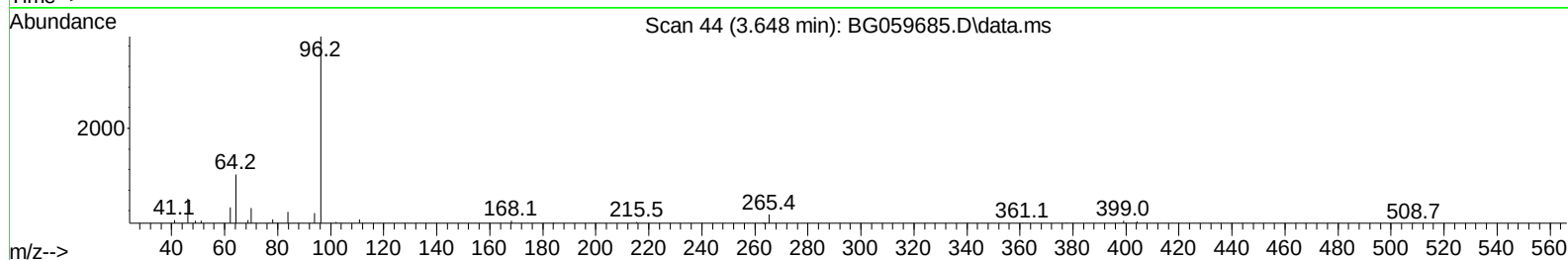
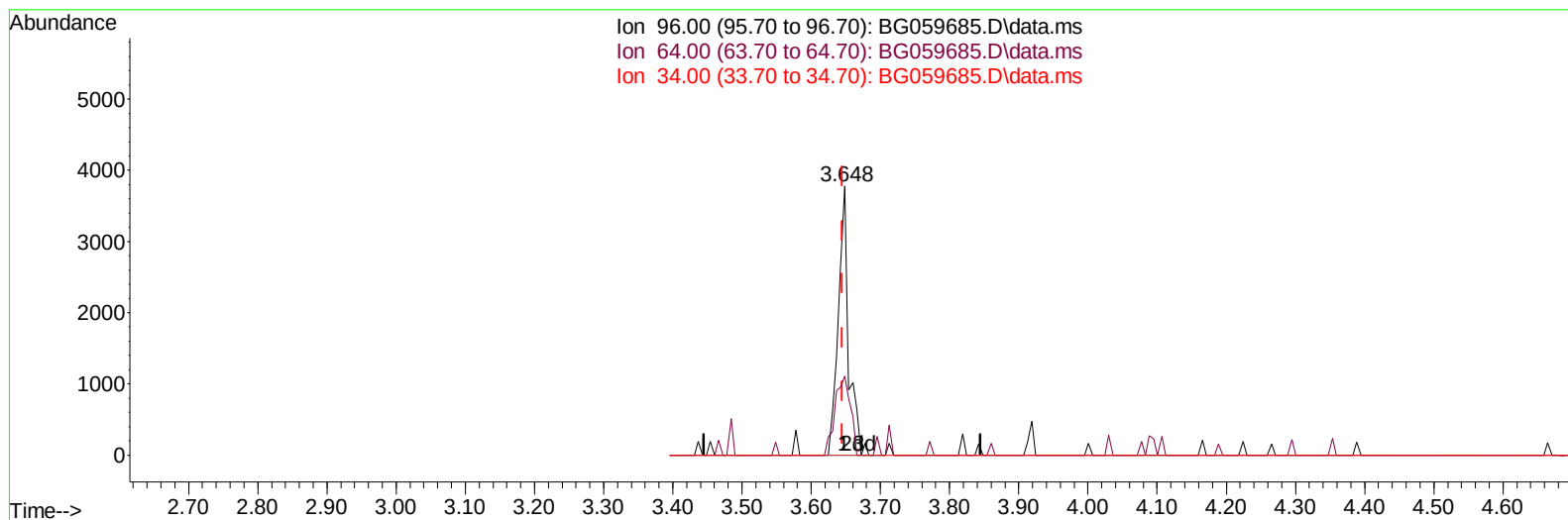
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059685.D
 Acq On : 6 Nov 2023 11:48
 Operator : MA/JU
 Sample : PB156654BS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG059685.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.648min (+ 0.003) 6.04 ng/uL m

response 3928

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	40.30	29.35#
34.00	0.00	0.00
0.00	0.00	0.00

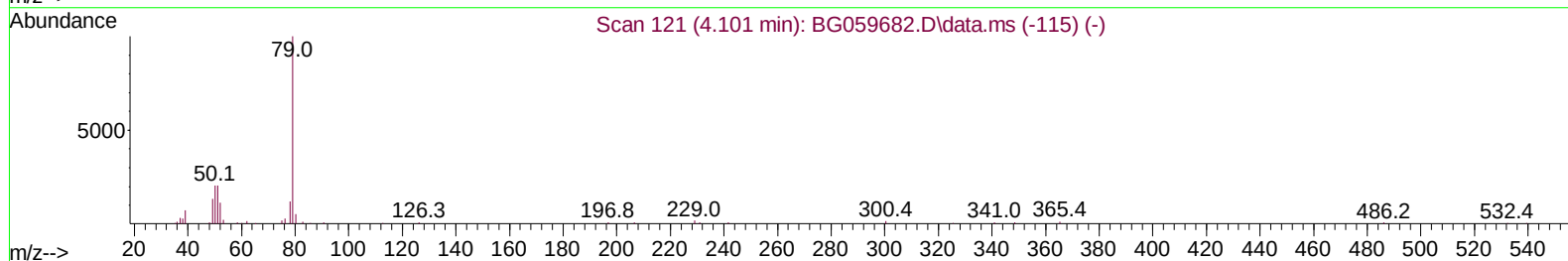
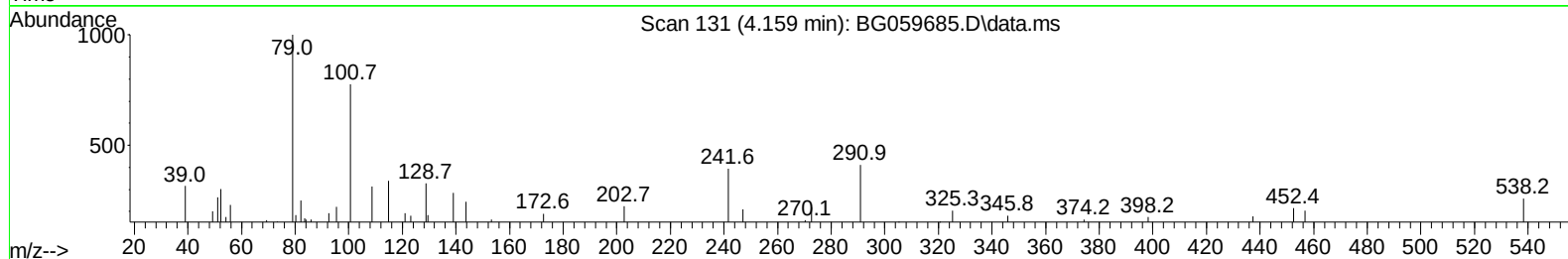
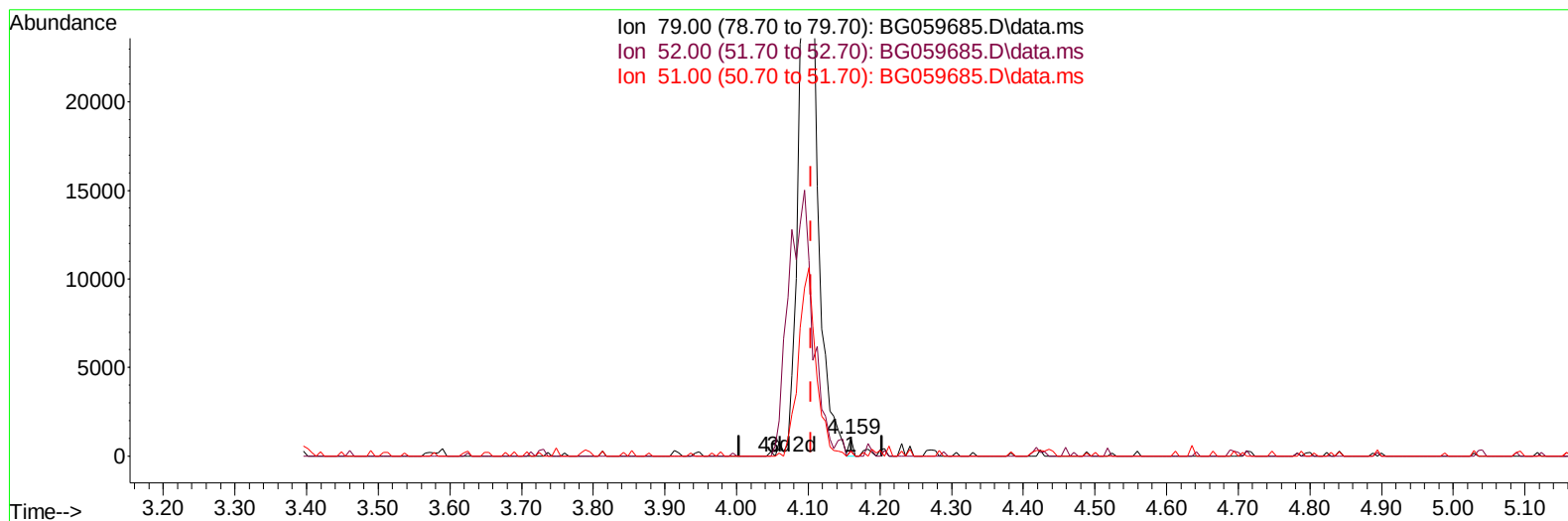
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059685.D
 Acq On : 6 Nov 2023 11:48
 Operator : MA/JU
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TIC: BG059685.D\data.ms

(5) Pyridine

4.159min (+ 0.056) 0.17 ng/ul

response 353

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	34.70	30.07
51.00	24.70	26.27
0.00	0.00	0.00

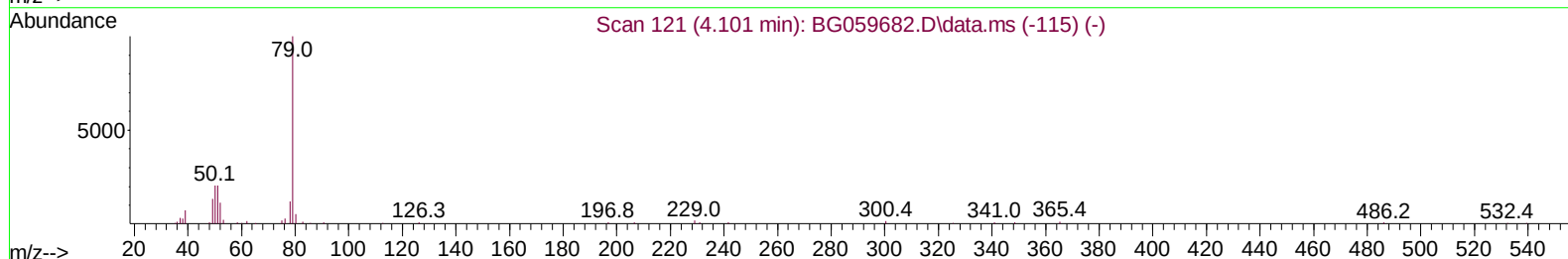
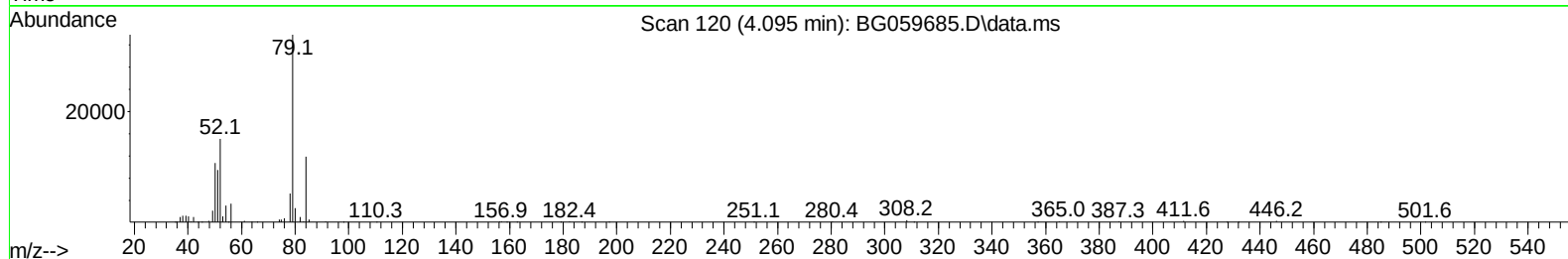
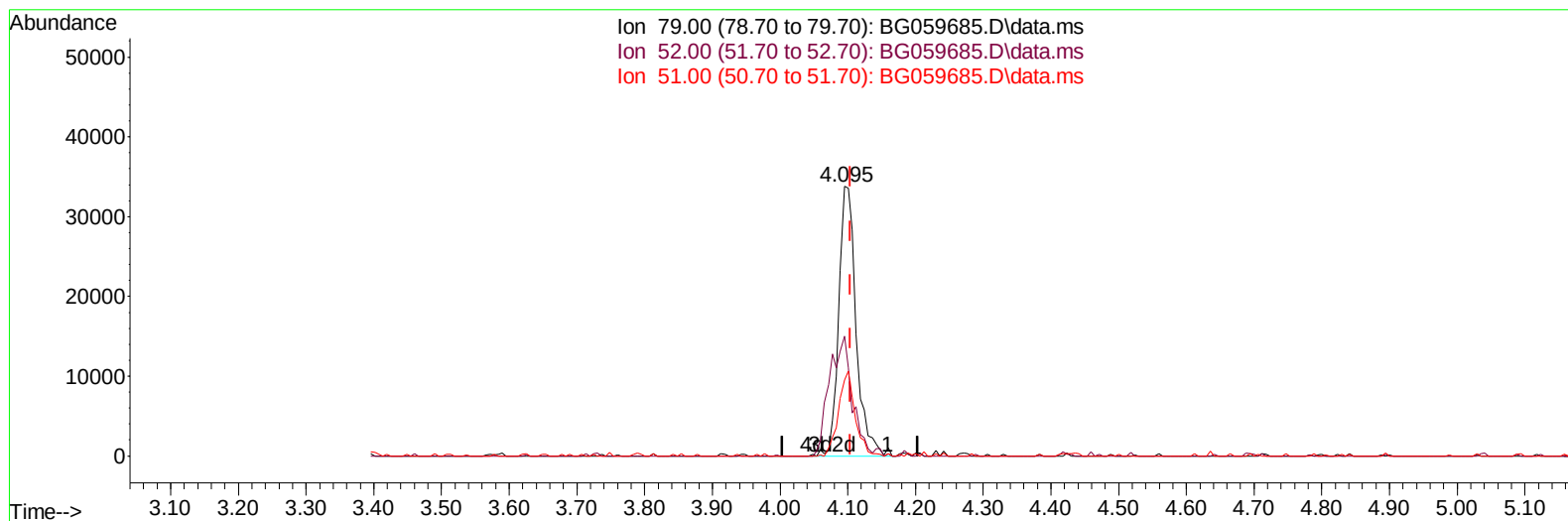
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
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 Acq On : 6 Nov 2023 11:48
 Operator : MA/JU
 Sample : PB156654BS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
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TIC: BG059685.D\data.ms

(5) Pyridine

4.095min (-0.009) 30.00 ng/ul m

response 60562

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	34.70	44.50#
51.00	24.70	28.16
0.00	0.00	0.00

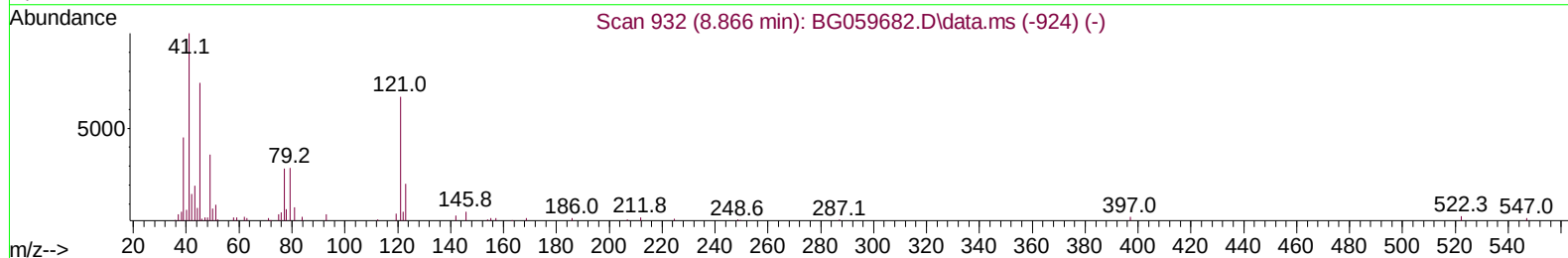
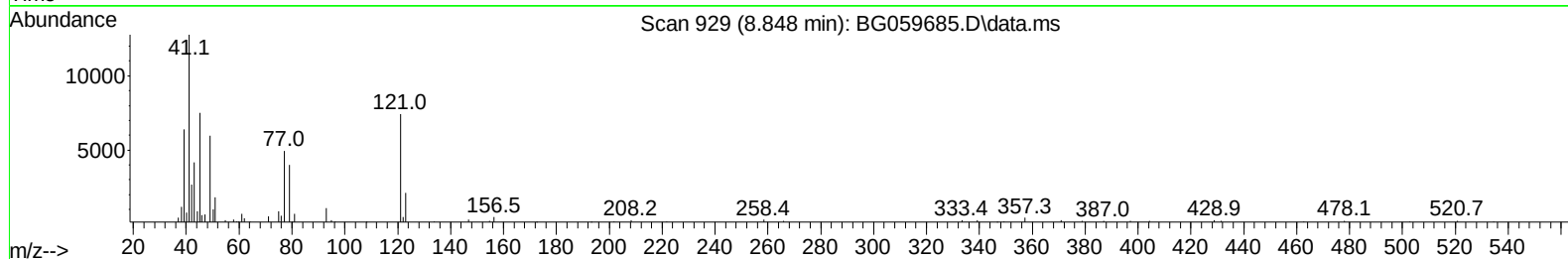
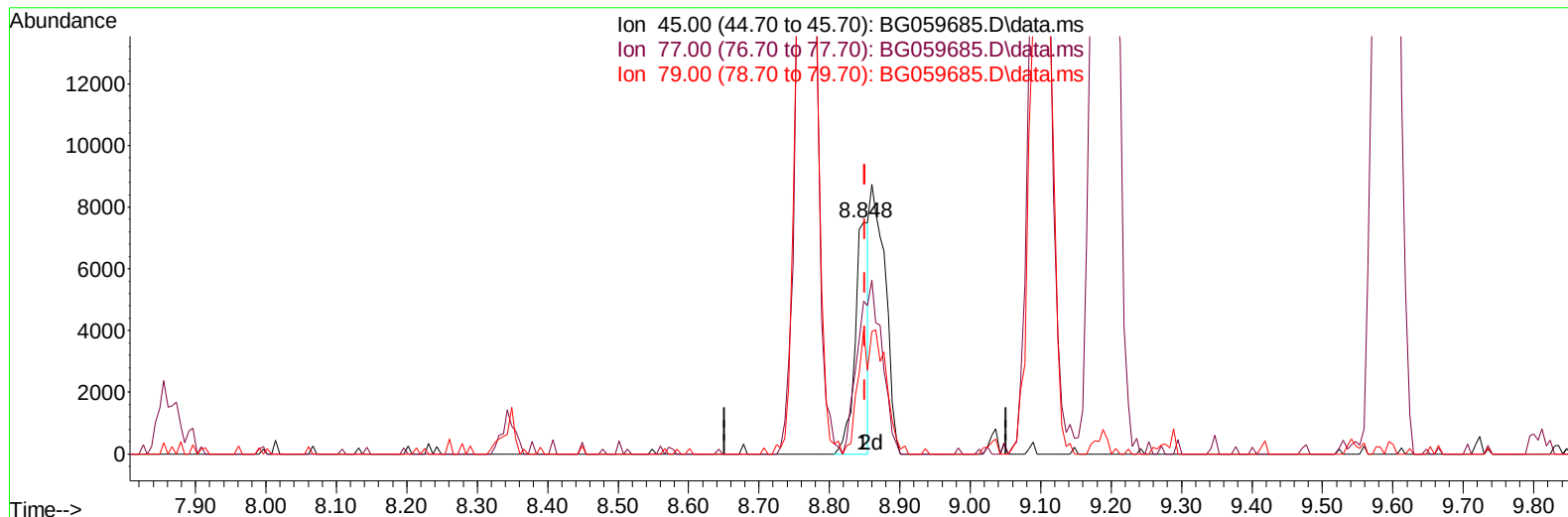
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059685.D
 Acq On : 6 Nov 2023 11:48
 Operator : MA/JU
 Sample : PB156654BS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS654

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TIC: BG059685.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.848min (-0.003) 13.27 ng/ul

response 10169

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	44.80	65.86#
79.00	31.80	53.32#
0.00	0.00	0.00

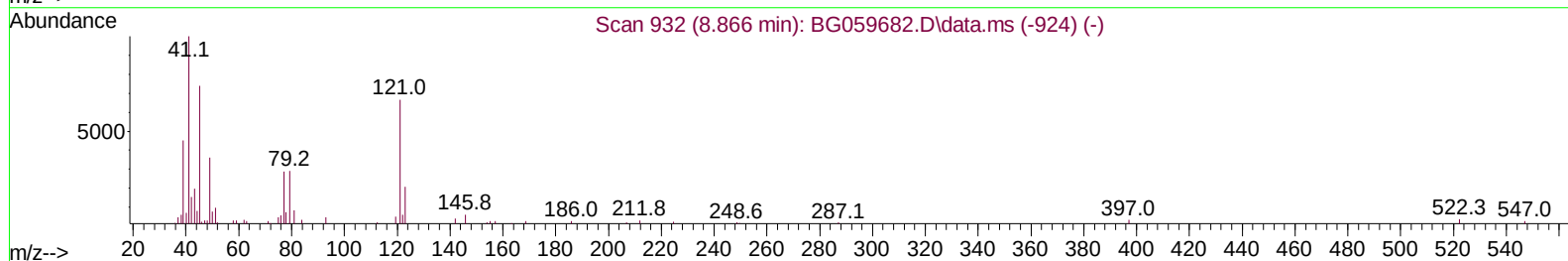
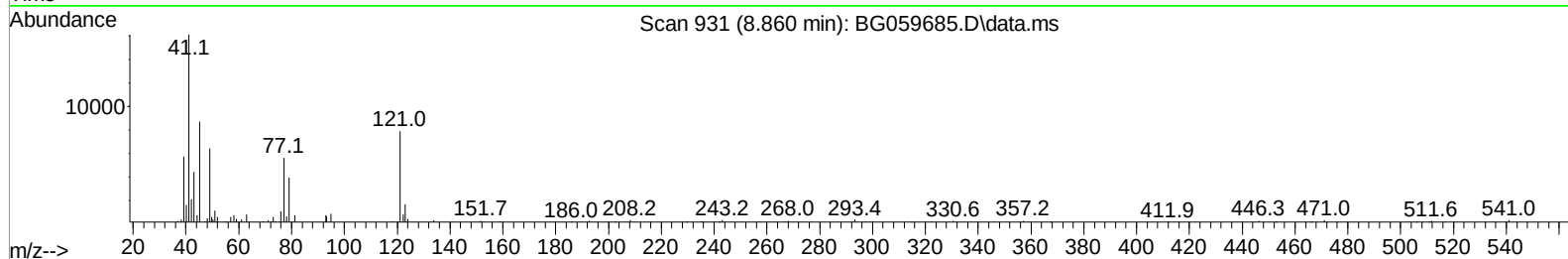
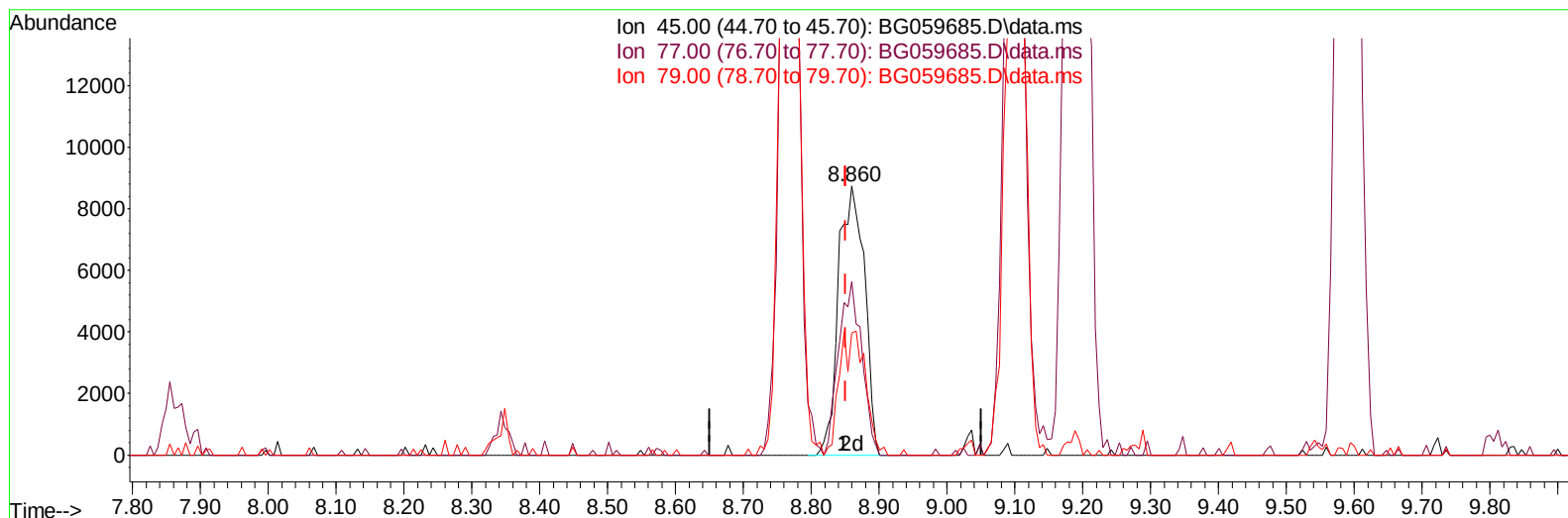
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059685.D
 Acq On : 6 Nov 2023 11:48
 Operator : MA/JU
 Sample : PB156654BS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS654

Manual IntegrationsAPPROVED

Quant Time: Nov 06 12:36:33 2023
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TIC: BG059685.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.860min (+ 0.009) 30.22 ng/ul m

response 23155

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	44.80	64.57#
79.00	31.80	45.48#
0.00	0.00	0.00

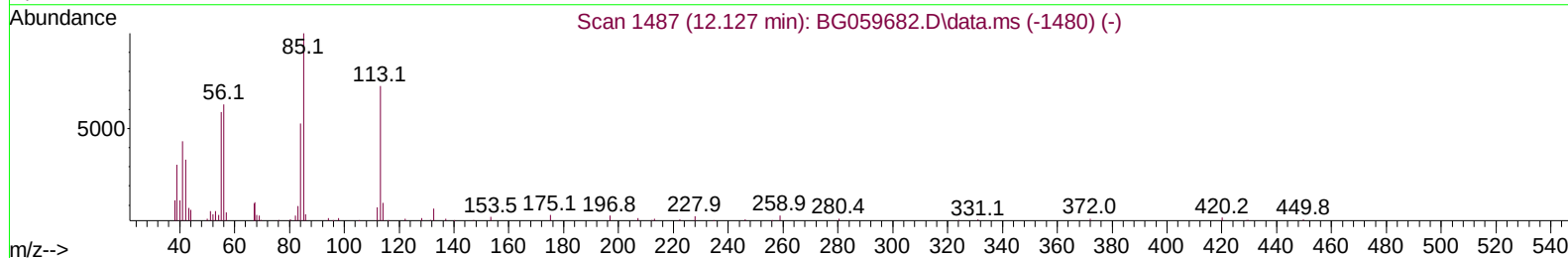
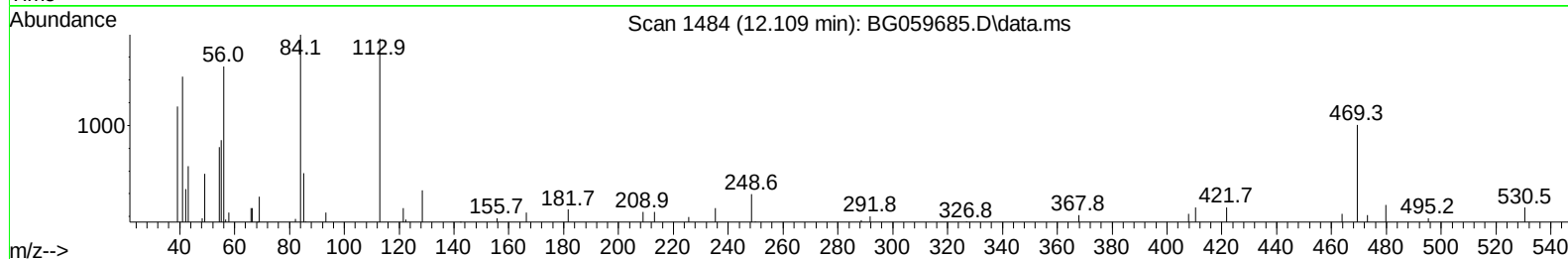
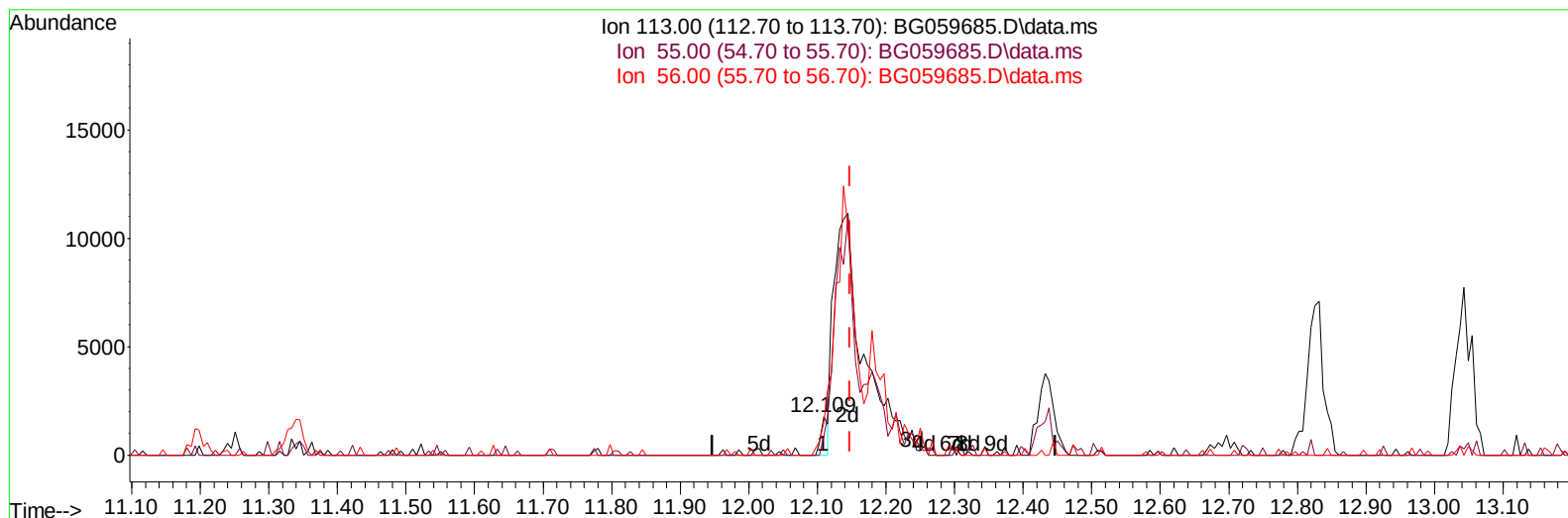
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059685.D
 Acq On : 6 Nov 2023 11:48
 Operator : MA/JU
 Sample : PB156654BS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS654

Manual IntegrationsAPPROVED

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TIC: BG059685.D\data.ms

(34) Caprolactam

12.109min (-0.038) 2.00 ng/ul

response 1318

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	59.30	49.18
56.00	83.20	86.08
0.00	0.00	0.00

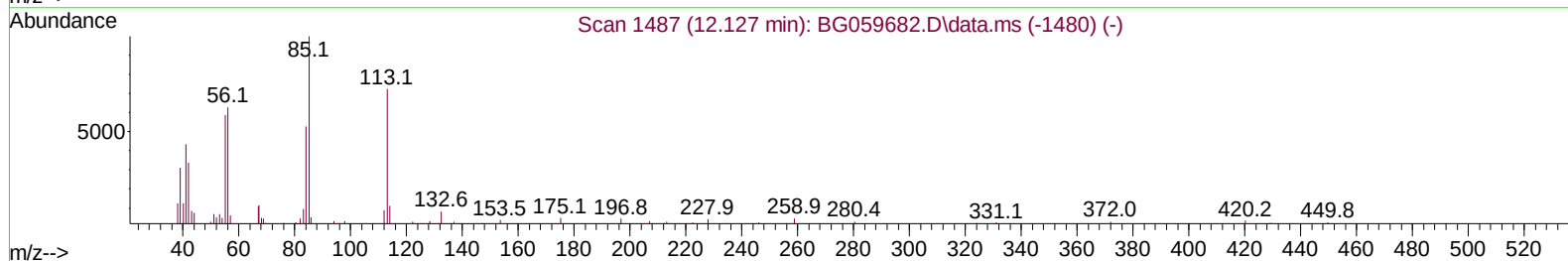
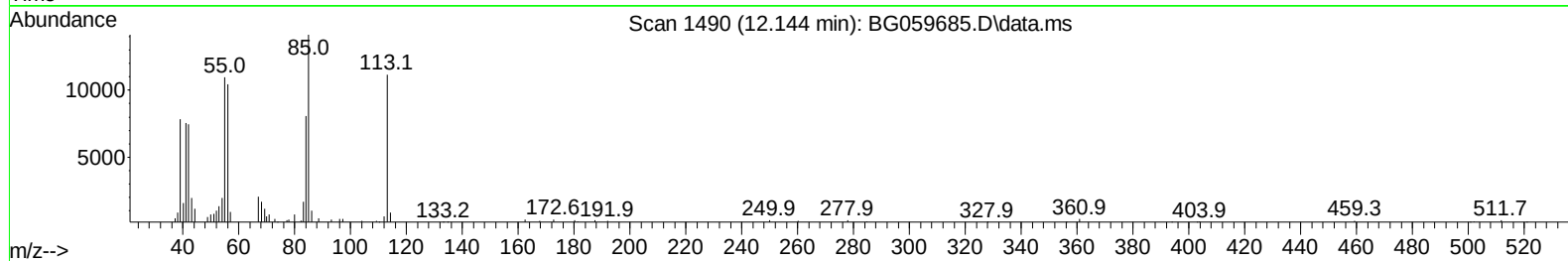
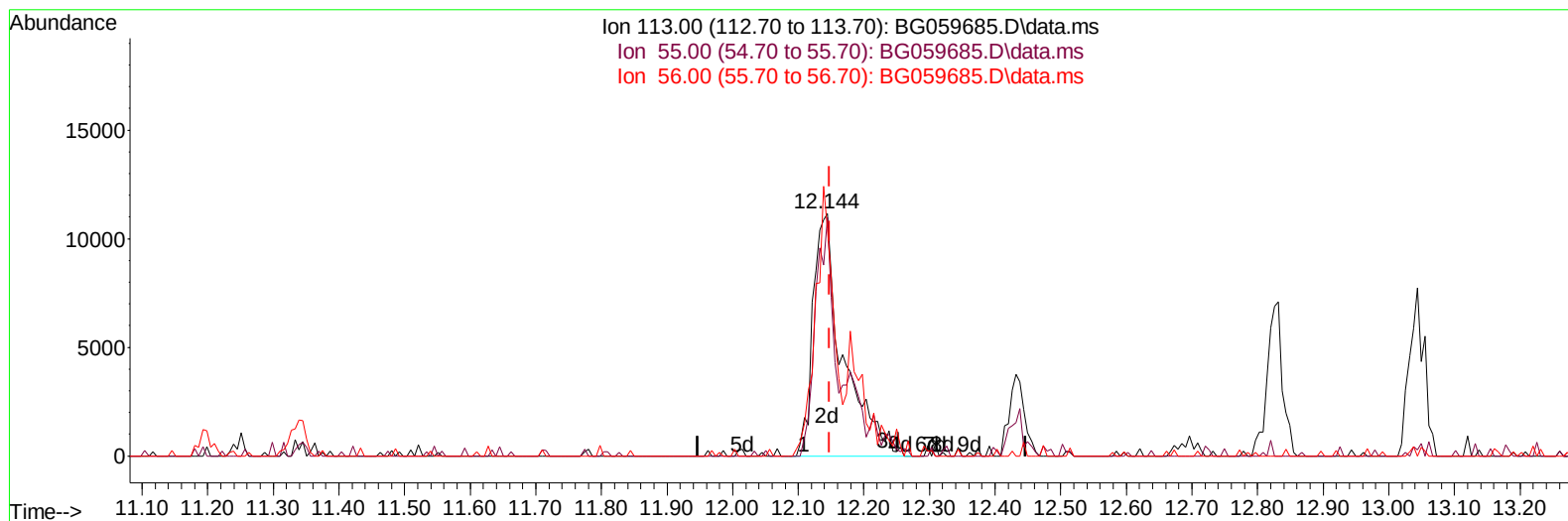
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059685.D
 Acq On : 6 Nov 2023 11:48
 Operator : MA/JU
 Sample : PB156654BS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS654

Manual IntegrationsAPPROVED

Quant Time: Nov 06 12:36:33 2023
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 QLast Update : Sat Nov 04 02:46:50 2023
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Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023



TIC: BG059685.D\data.ms

(34) Caprolactam

12.144min (-0.003) 54.26 ng/ul m

response 35732

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	59.30	98.29#
56.00	83.20	93.74
0.00	0.00	0.00

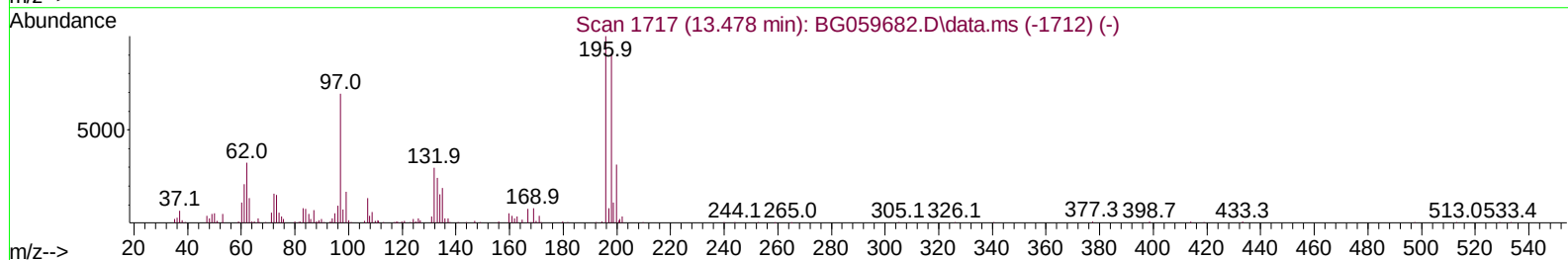
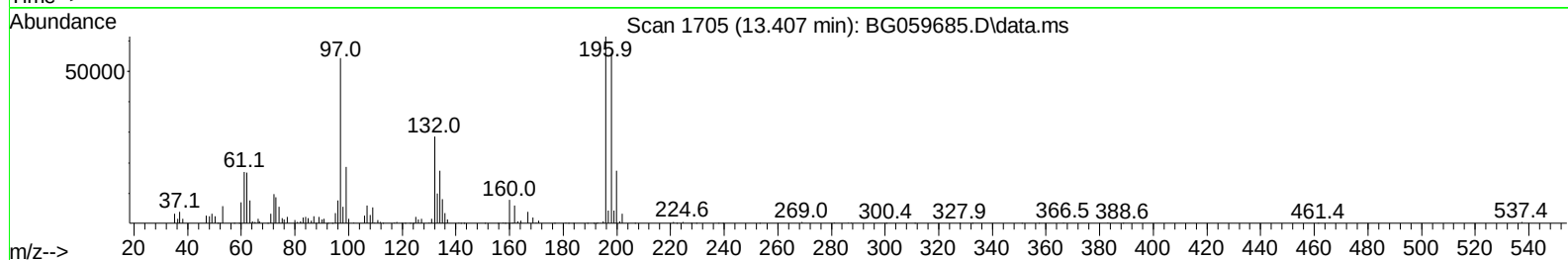
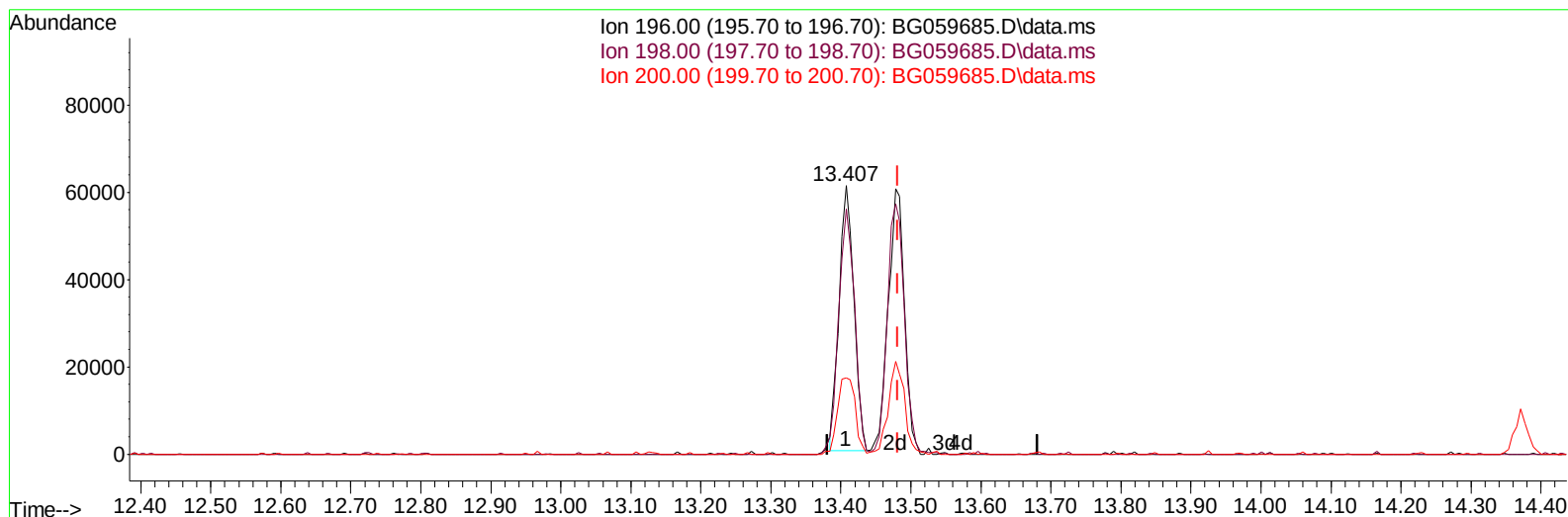
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Data File : BG059685.D
Acq On : 6 Nov 2023 11:48
Operator : MA/JU
Sample : PB156654BS
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS654

Manual IntegrationsAPPROVED

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TIC: BG059685.D\data.ms

(42) 2,4,5-Trichlorophenol

13.407min (-0.074) 39.69 ng/u1

response 89050

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	82.20	91.26
200.00	24.40	28.44
0.00	0.00	0.00

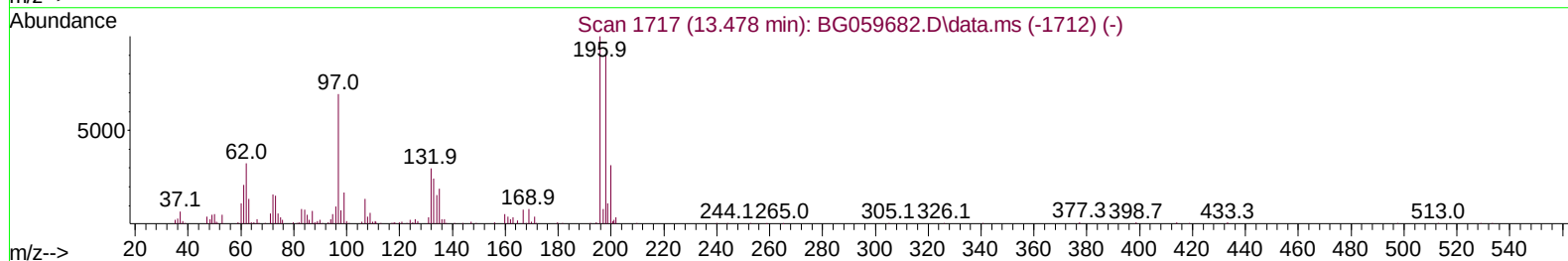
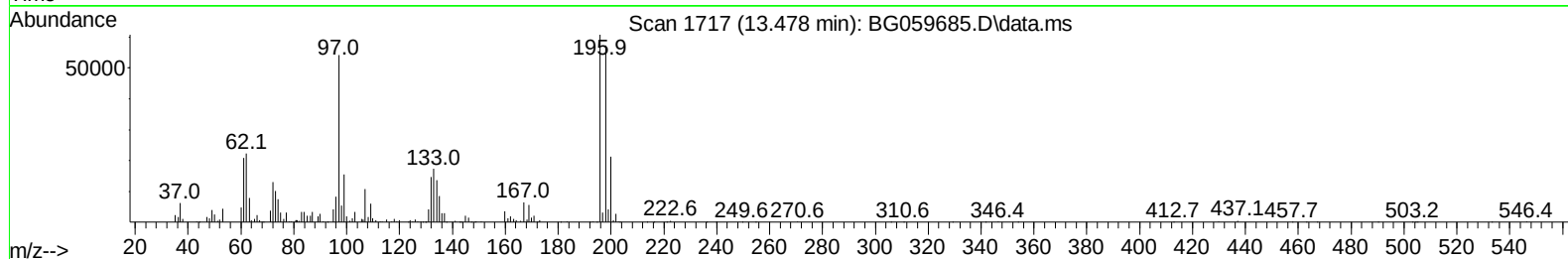
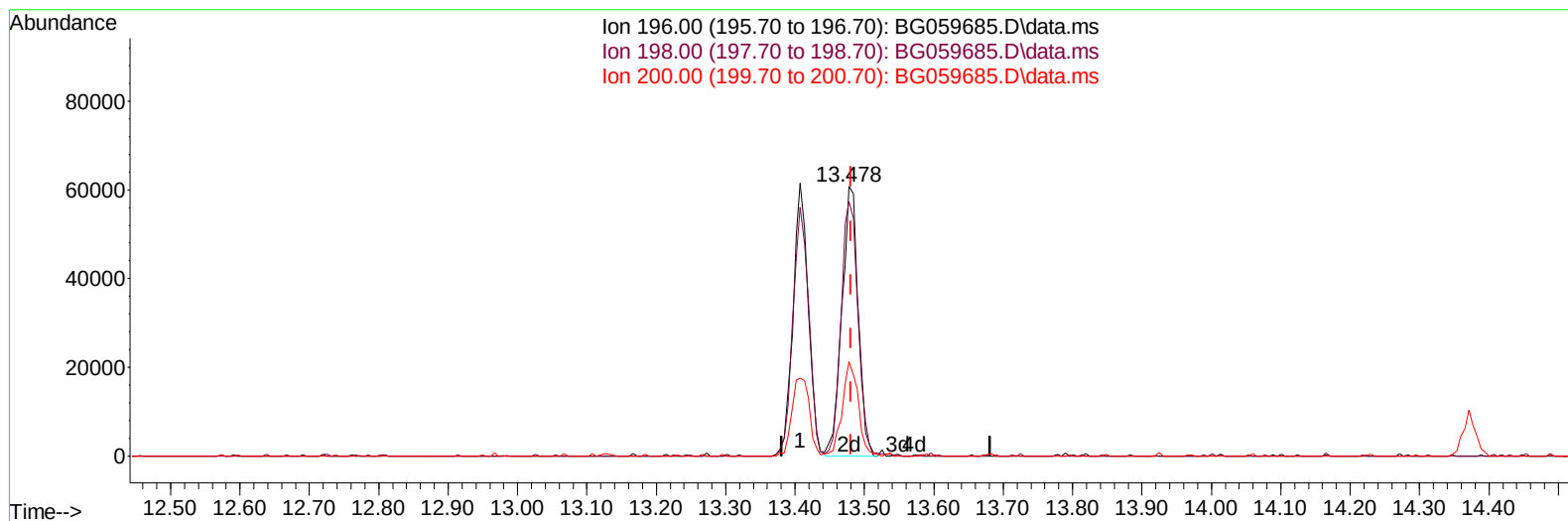
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 Acq On : 6 Nov 2023 11:48
 Operator : MA/JU
 Sample : PB156654BS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS654

Manual IntegrationsAPPROVED

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TIC: BG059685.D\data.ms

(42) 2,4,5-Trichlorophenol

13.478min (-0.003) 44.28 ng/ul m

response 99344

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	82.20	94.36
200.00	24.40	34.97#
0.00	0.00	0.00

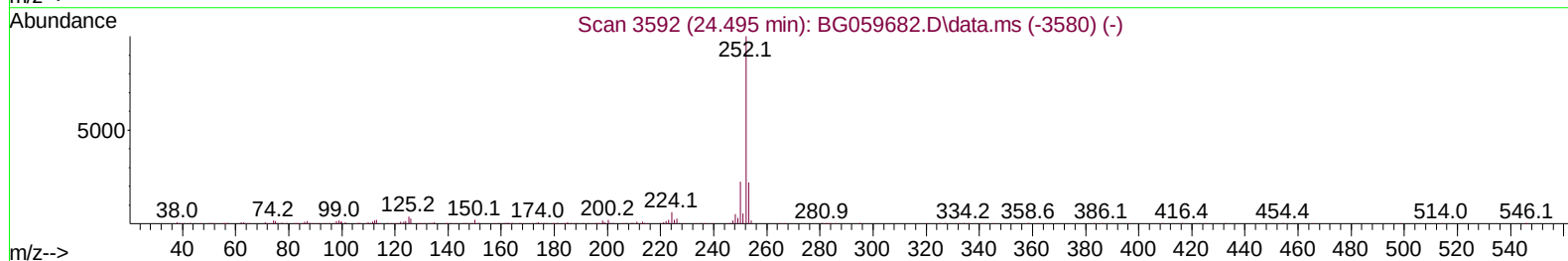
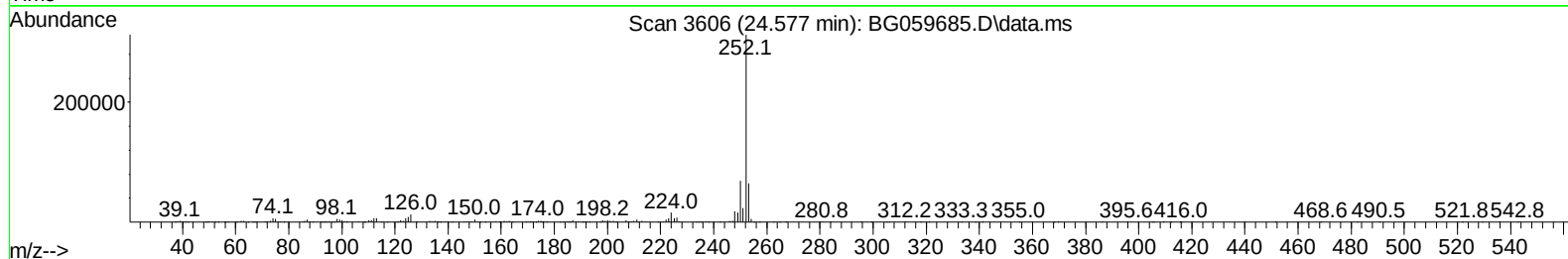
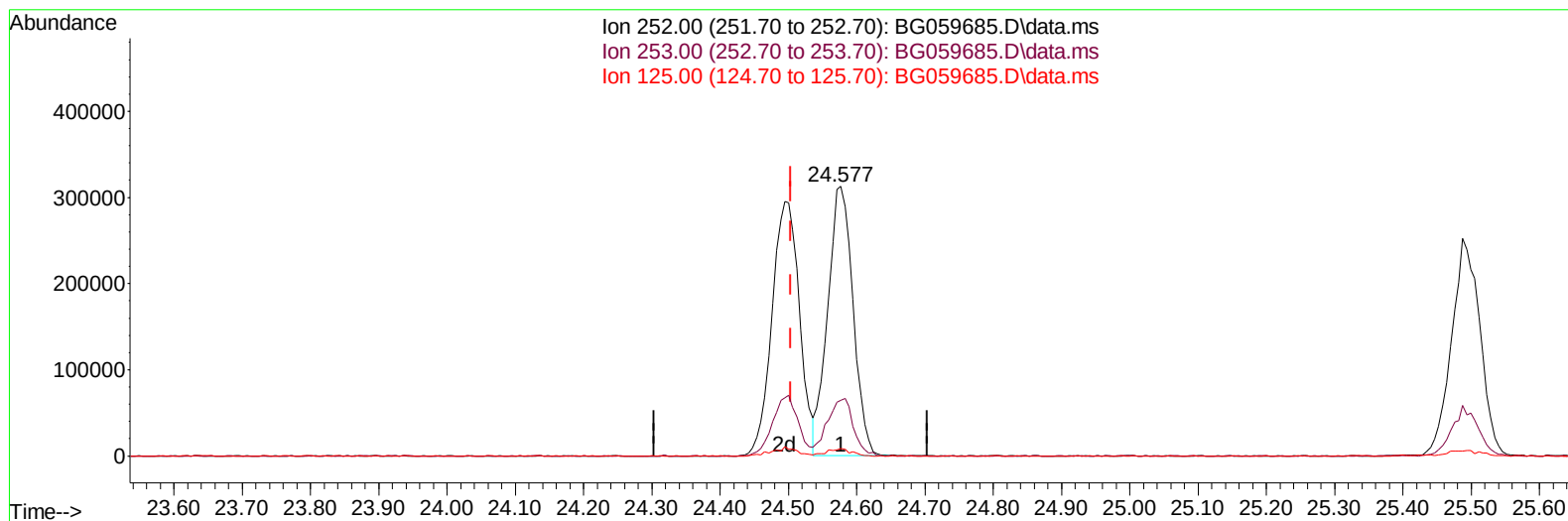
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 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
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Manual IntegrationsAPPROVED

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TIC: BG059685.D\data.ms

(90) Benzo(b)fluoranthene

24.577min (+ 0.073) 44.91 ng/ul

response 805620

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	18.90	20.58
125.00	3.00	2.80
0.00	0.00	0.00

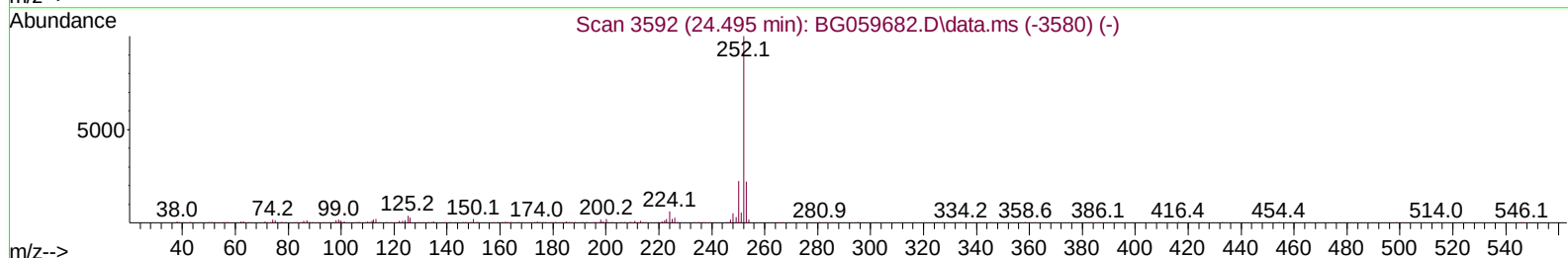
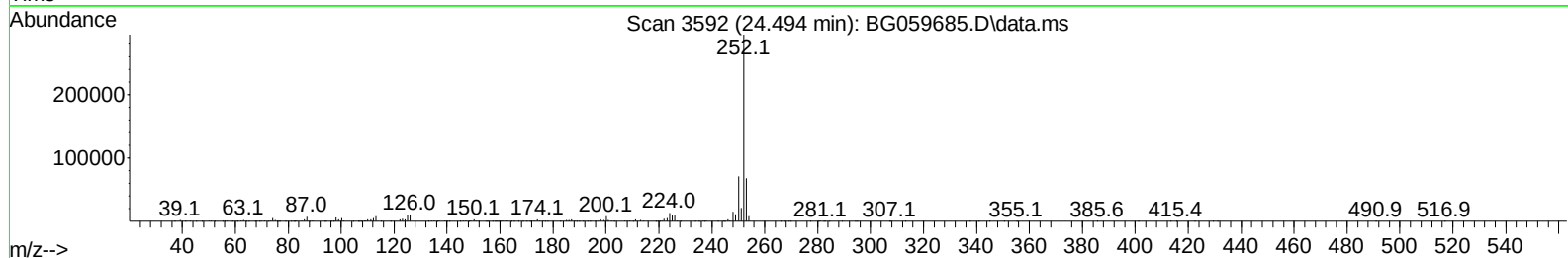
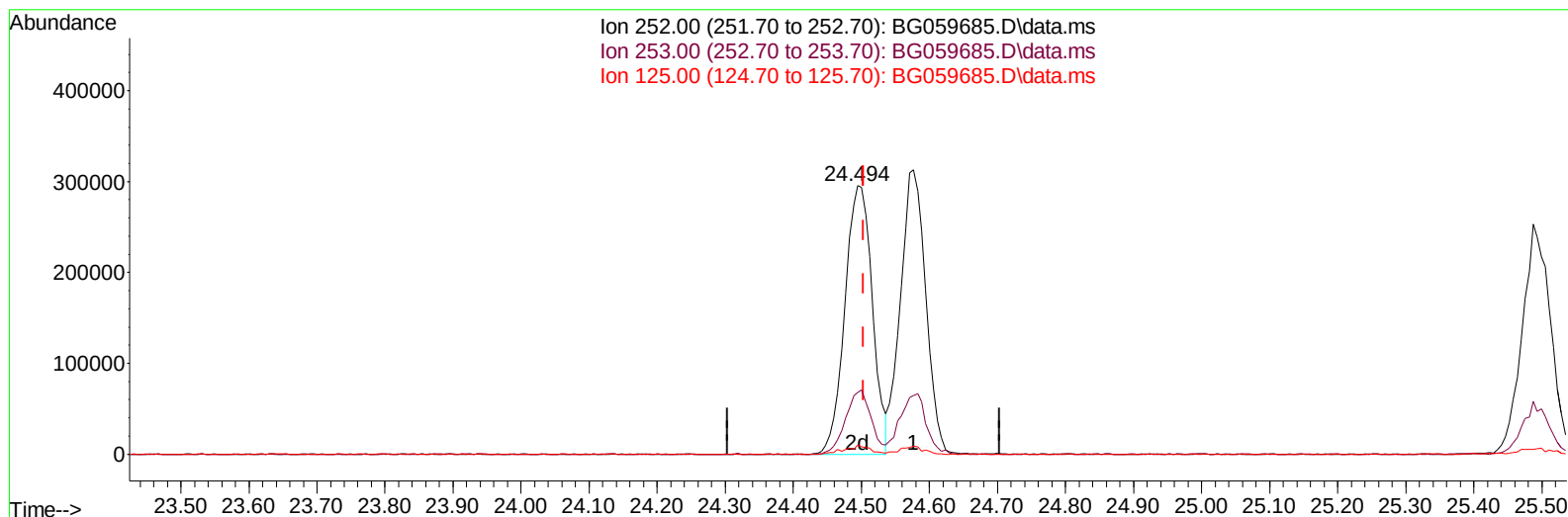
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
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 Operator : MA/JU
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 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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 Supervised By :mohammad ahmed 11/07/2023



TIC: BG059685.D\data.ms

(90) Benzo(b)fluoranthene

24.494min (-0.009) 46.24 ng/ul m

response 829482

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	18.90	22.95#
125.00	3.00	3.55
0.00	0.00	0.00

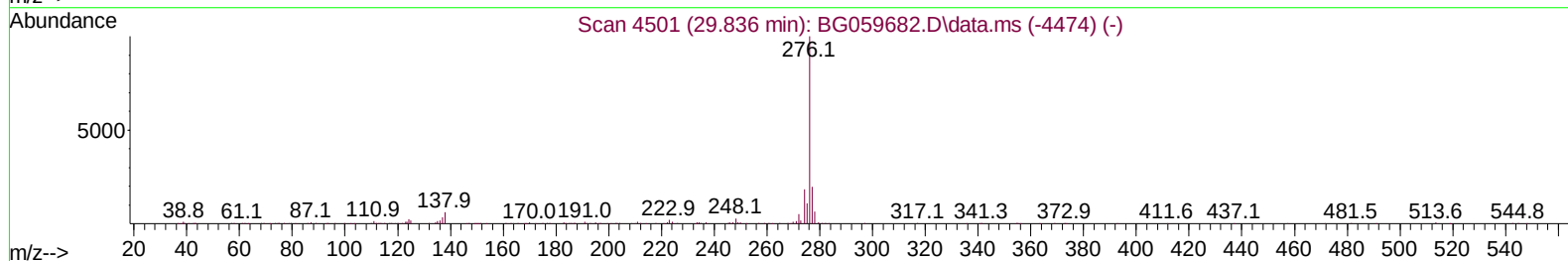
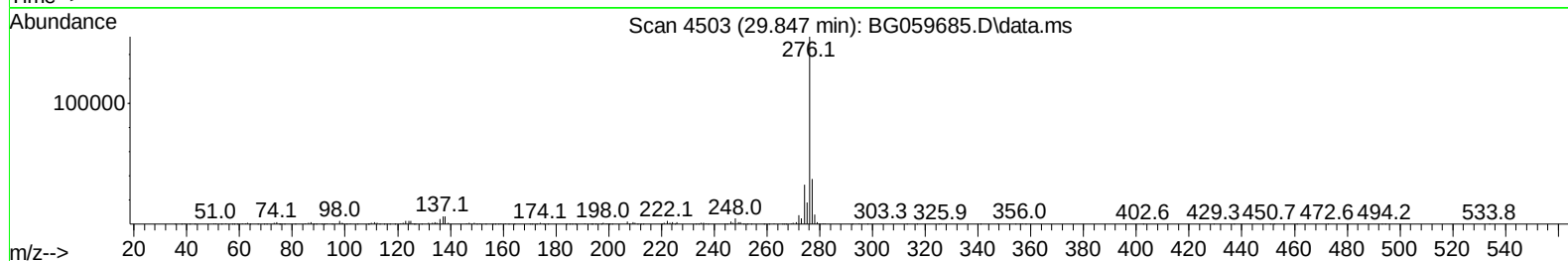
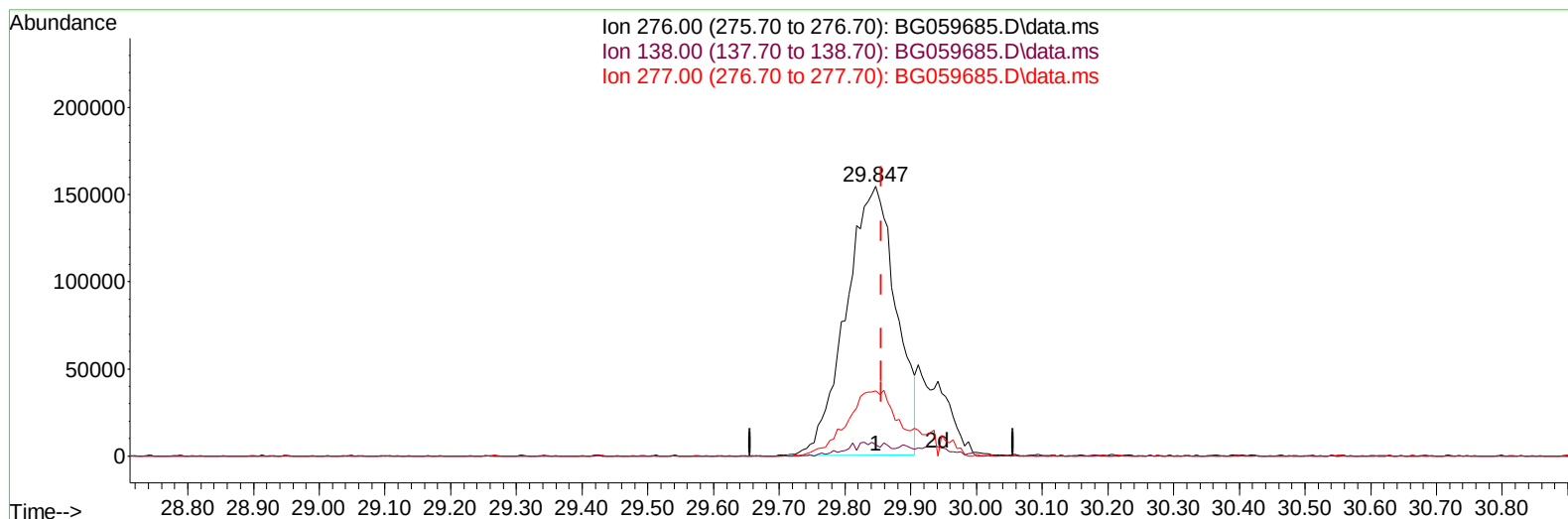
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
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TIC: BG059685.D\data.ms

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

29.847min (-0.009) 36.90 ng/u1

response 818271

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.80	4.22#
277.00	23.10	24.11
0.00	0.00	0.00

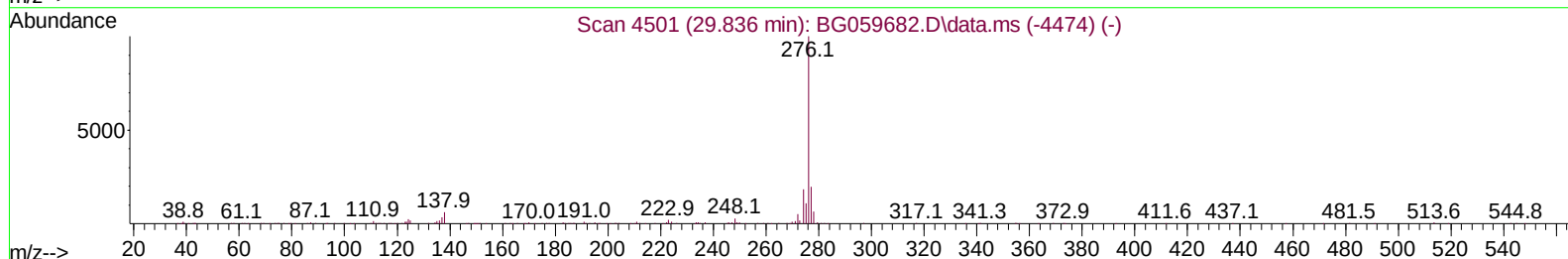
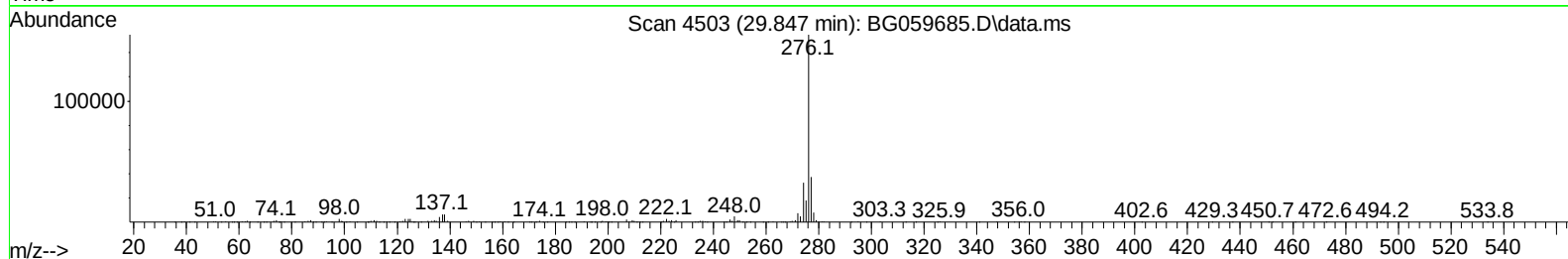
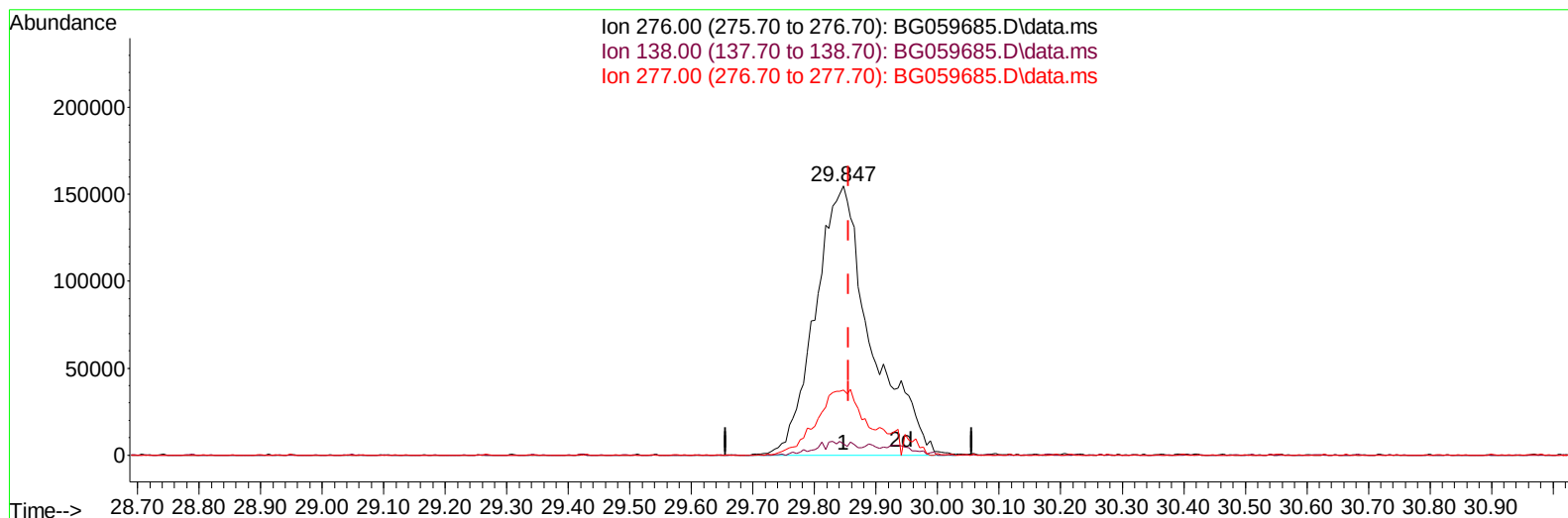
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059685.D
 Acq On : 6 Nov 2023 11:48
 Operator : MA/JU
 Sample : PB156654BS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS654

Manual IntegrationsAPPROVED

Quant Time: Nov 06 12:36:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023



TIC: BG059685.D\data.ms

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

29.847min (-0.009) 43.95 ng/ul m

response 974680

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.80	4.22#
277.00	23.10	24.11
0.00	0.00	0.00

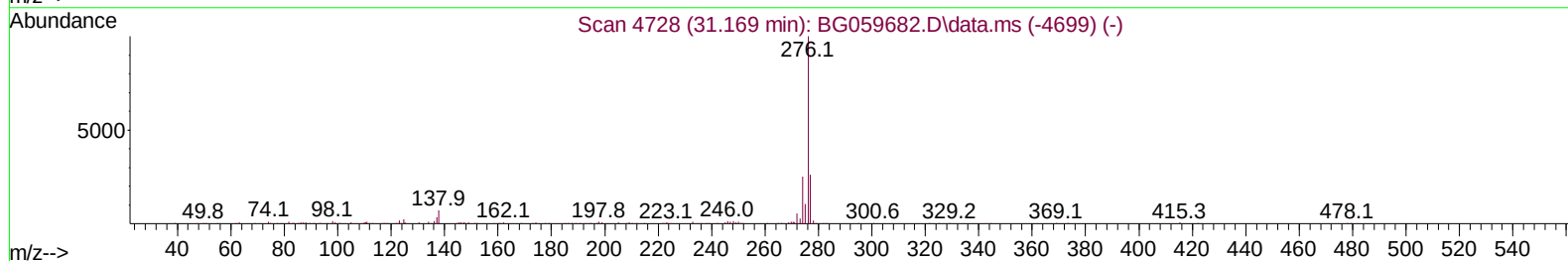
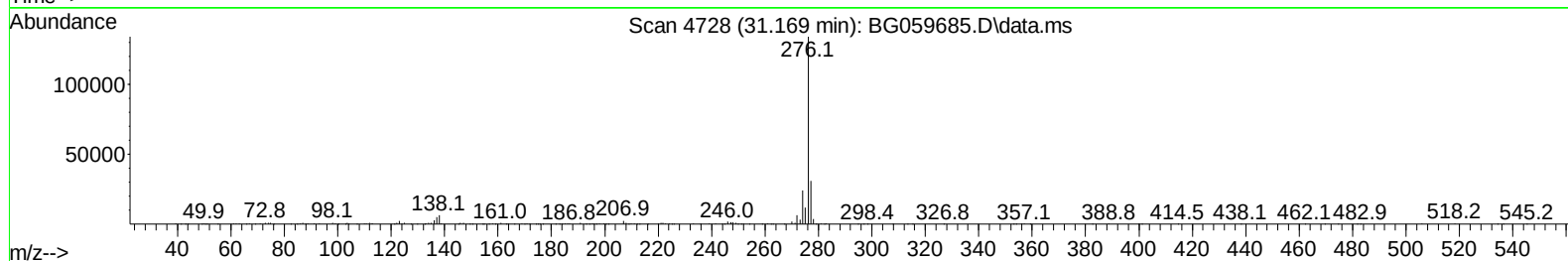
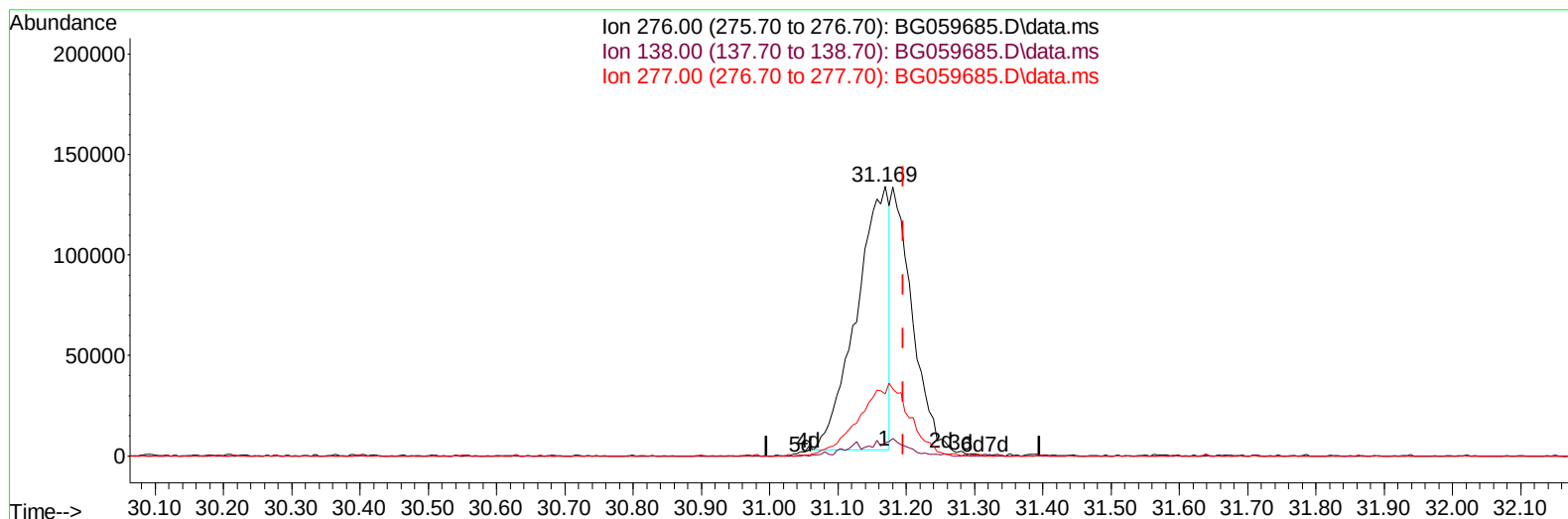
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059685.D
 Acq On : 6 Nov 2023 11:48
 Operator : MA/JU
 Sample : PB156654BS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS654

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TIC: BG059685.D\data.ms

(96) Benzo(g,h,i)perylene

31.169min (-0.027) 25.07 ng/u1

response 436546

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	5.70	4.93
277.00	21.90	22.98
0.00	0.00	0.00

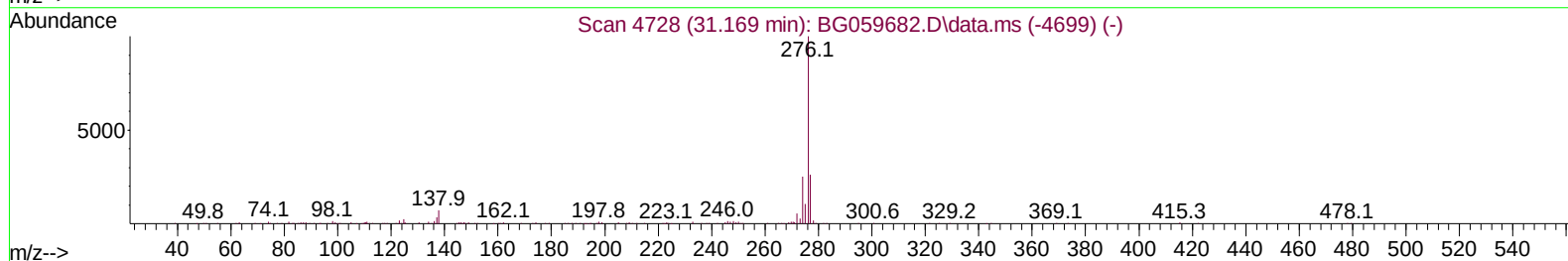
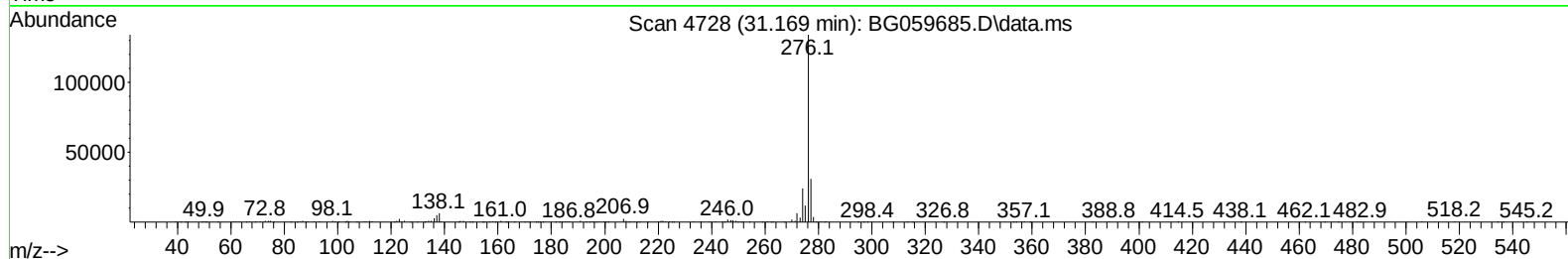
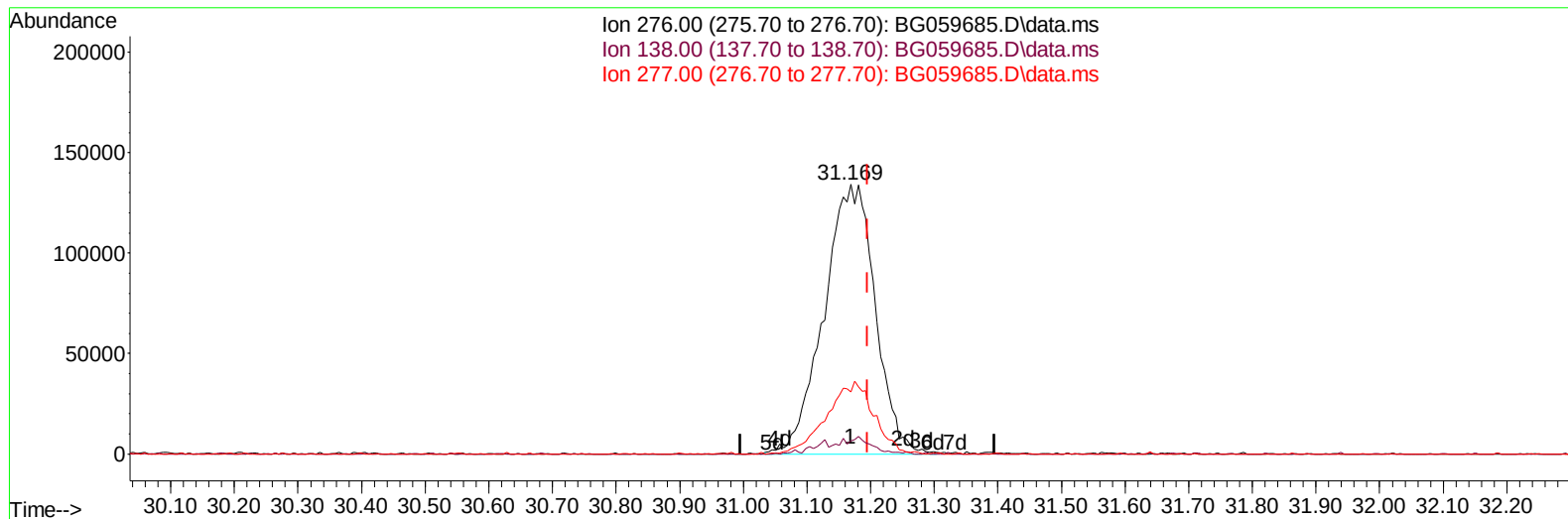
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059685.D
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Operator : MA/JU
Sample : PB156654BS
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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TIC: BG059685.D\data.ms

(96) Benzo(g,h,i)perylene

31.169min (-0.027) 43.21 ng/ul m

response 752249

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	5.70	4.93
277.00	21.90	22.98
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : PB156654BS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	24361	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.198	136	124589	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.976	164	111872	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.732	188	276359	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.062	240	245562	20.000	ng/ul	# 0.00
88) Perylene-d12	25.658	264	263388	20.000	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.648	96	3928m	6.043	ng/uL	0.00
4) Pyridine-d5	4.077	84	63457	33.199	ng/ul	0.00
7) Phenol-d5	7.462	99	97804	39.268	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.667	67	41223	30.956	ng/ul	0.00
11) 2-Chlorophenol-d4	7.861	132	68138	40.282	ng/ul	0.00
15) 4-Methylphenol-d8	9.036	113	80644	39.563	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	35775	39.264	ng/ul	0.00
24) 2-Nitrophenol-d4	10.264	143	43042	39.144	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.793	165	87269	44.672	ng/ul	0.00
31) 4-Chloroaniline-d4	11.339	131	134619	43.791	ng/ul	0.00
46) Dimethylphthalate-d6	14.371	166	375353	41.807	ng/ul	0.00
49) Acenaphthylene-d8	14.682	160	409722	38.270	ng/ul	0.00
54) 4-Nitrophenol-d4	15.152	143	67234	42.414	ng/ul	0.00
60) Fluorene-d10	15.969	176	322110	38.107	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.075	200	69020	39.458	ng/ul	0.00
73) Anthracene-d10	17.832	188	527987	36.503	ng/ul	0.00
81) Pyrene-d10	20.100	212	612109	38.952	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.411	264	646636	41.939	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.678	88	8213	11.059	ng/ul#	84
5) Pyridine	4.095	79	60562m	30.003	ng/ul	
6) Benzaldehyde	7.491	77	55079	34.979	ng/ul	92
8) Phenol	7.485	94	100180	40.395	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.761	93	57505	33.563	ng/ul#	89
12) 2-Chlorophenol	7.896	128	69557	39.417	ng/ul#	88
13) 2-Methylphenol	8.766	108	81680	39.811	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.860	45	23155m	30.216	ng/ul	
16) Acetophenone	9.189	105	138062	38.178	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.154	70	69181	36.209	ng/ul#	86
18) 4-Methylphenol	9.101	108	89028	40.531	ng/ul	100
19) Hexachloroethane	9.436	117	32009	41.377	ng/ul#	73
22) Nitrobenzene	9.588	77	115788	42.755	ng/ul#	89
23) Isophorone	10.100	82	223193	35.787	ng/ul	97
25) 2-Nitrophenol	10.293	139	47287	39.949	ng/ul#	45
26) 2,4-Dimethylphenol	10.323	107	87095	29.023	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.581	93	93368	34.703	ng/ul	95
29) 2,4-Dichlorophenol	10.822	162	79861	42.292	ng/ul	87
30) Naphthalene	11.251	128	279909	38.372	ng/ul	97
32) 4-Chloroaniline	11.363	127	116698	39.903	ng/ul	94
33) Hexachlorobutadiene	11.480	225	67183	50.583	ng/ul#	88
34) Caprolactam	12.144	113	35732m	54.255	ng/ul	
35) 4-Chloro-3-methylphenol	12.432	107	140982	55.127	ng/ul	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.826	142	269590	50.719	ng/ul	94
37) 1-Methylnaphthalene	13.043	142	262445	48.344	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.167	216	132586	42.422	ng/ul	90
40) Hexachlorocyclopentadiene	13.120	237	72372	32.161	ng/ul#	99
41) 2,4,6-Trichlorophenol	13.407	196	93821	46.186	ng/ul	99
42) 2,4,5-Trichlorophenol	13.478	196	99344m	44.283	ng/ul	
43) 1,1'-Biphenyl	13.813	154	381689	39.911	ng/ul#	94
44) 2-Chloronaphthalene	13.872	162	278763	39.130	ng/ul	95
45) 2-Nitroaniline	14.083	65	90198	50.518	ng/ul#	85
47) Dimethylphthalate	14.418	163	379654	41.545	ng/ul#	98
48) 2,6-Dinitrotoluene	14.565	165	78425	47.624	ng/ul#	94
50) Acenaphthylene	14.712	152	454971	37.665	ng/ul	97
51) 3-Nitroaniline	14.900	138	75920	41.895	ng/ul#	78
52) Acenaphthene	15.041	153	319567	40.128	ng/ul	98
53) 2,4-Dinitrophenol	15.094	184	52090	44.928	ng/ul#	44
55) 4-Nitrophenol	15.170	109	160821	57.067	ng/ul#	74
56) Dibenzofuran	15.376	168	435194	40.266	ng/ul	98
57) 2,4-Dinitrotoluene	15.335	165	116929	47.510	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.581	232	92259	47.512	ng/ul#	81
59) Diethylphthalate	15.769	149	416405	43.319	ng/ul	98
61) Fluorene	16.022	166	381313	41.105	ng/ul	95
62) 4-Chlorophenyl-phenyle...	16.004	204	202614	44.893	ng/ul	99
63) 4-Nitroaniline	16.063	138	76519	43.672	ng/ul#	38
66) 4,6-Dinitro-2-methylph...	16.087	198	77052	45.387	ng/ul#	85
67) N-Nitrosodiphenylamine	16.222	169	301581	33.286	ng/ul	99
68) 4-Bromophenyl-phenylether	16.903	248	101856	34.870	ng/ul	95
69) Hexachlorobenzene	16.997	284	112523	41.141	ng/ul#	78
70) Atrazine	17.156	200	100574	32.413	ng/ul#	88
71) Pentachlorophenol	17.350	266	75254	39.444	ng/ul	94
72) Phenanthrene	17.773	178	672712	41.555	ng/ul	95
74) Anthracene	17.867	178	657465	38.445	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.778	216	133279	39.438	ng/ul#	81
76) Pentachlorobenzene	15.270	250	129952	38.038	ng/ul	95
77) Carbazole	18.137	167	582690	39.587	ng/ul	96
78) Di-n-butylphthalate	18.643	149	705795	42.360	ng/ul#	95
80) Fluoranthene	19.765	202	786094	40.797	ng/ul#	92
82) Pyrene	20.129	202	758815	39.132	ng/ul#	91
83) Butylbenzylphthalate	20.987	149	314674	43.292	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.956	252	263527	43.401	ng/ul#	93
85) Benzo(a)anthracene	22.039	228	771820	40.093	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.874	149	444742	40.977	ng/ul#	99
87) Chrysene	22.115	228	706882	40.444	ng/ul	98
89) Di-n-octyl phthalate	23.214	149	773077	53.226	ng/ul	100
90) Benzo(b)fluoranthene	24.494	252	829482m	46.244	ng/ul	
91) Benzo(k)fluoranthene	24.577	252	808205	44.174	ng/ul#	96
93) Benzo(a)pyrene	25.487	252	726075	41.868	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	29.847	276	974680m	43.951	ng/ul	
95) Dibenzo(a,h)anthracene	29.941	278	810288	44.037	ng/ul#	98
96) Benzo(g,h,i)perylene	31.169	276	752249m	43.208	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

SLCS654

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/07/2023

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