

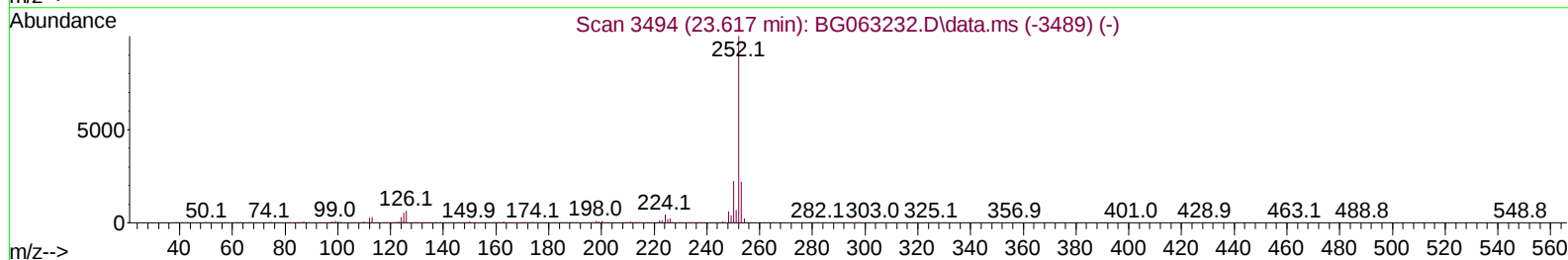
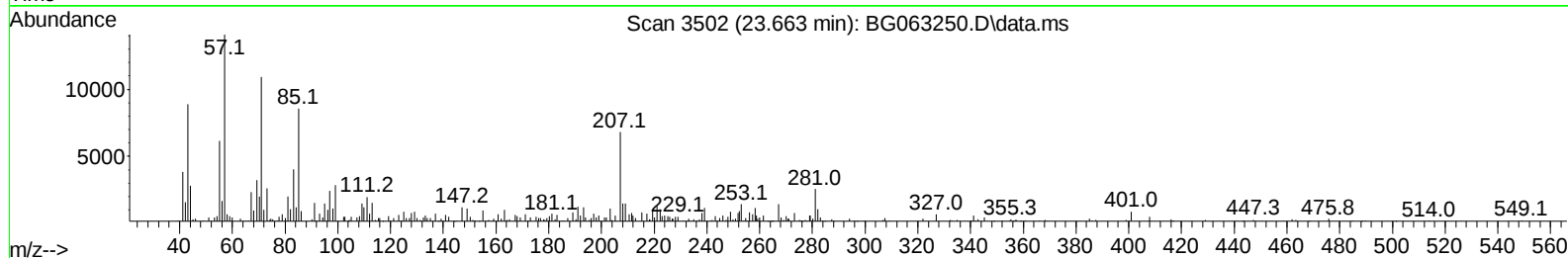
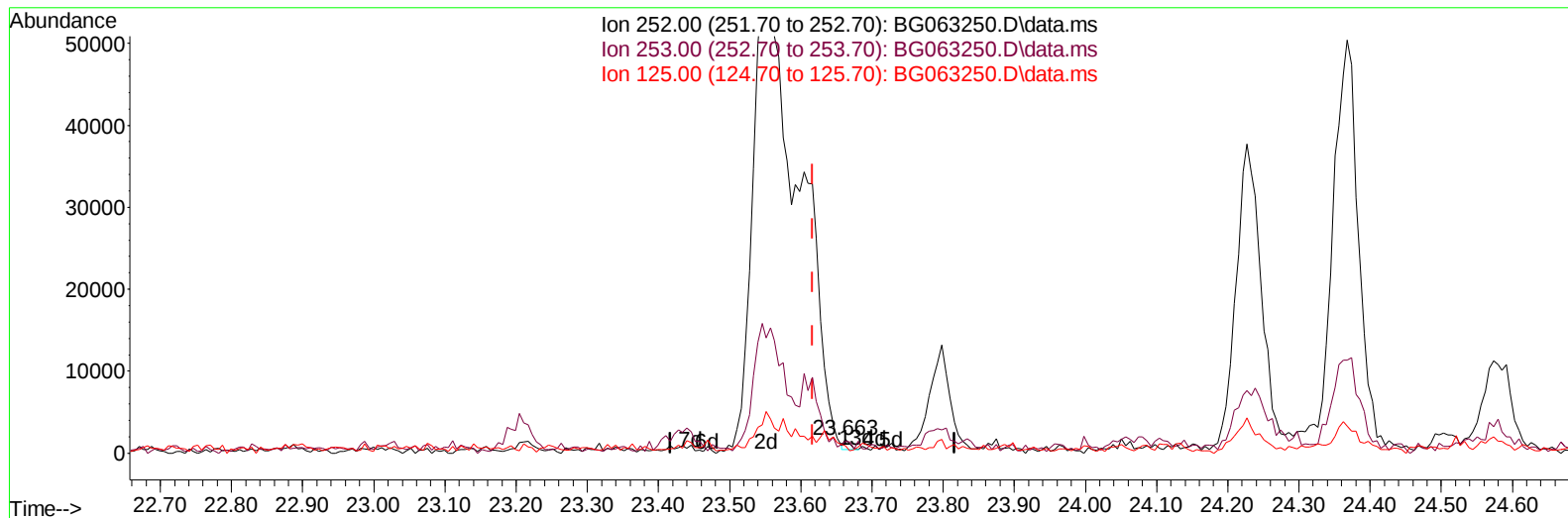
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063250.D
Acq On : 9 Nov 2024 5:24
Operator : RC/JU
Sample : P4582-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EE7

Manual IntegrationsAPPROVED

Quant Time: Nov 09 05:09:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063250.D\data.ms

(91) Benzo(k)fluoranthene

23.663min (+ 0.046) 0.01 ng/u1

response 682

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	84.50#
125.00	4.10	51.65#
0.00	0.00	0.00

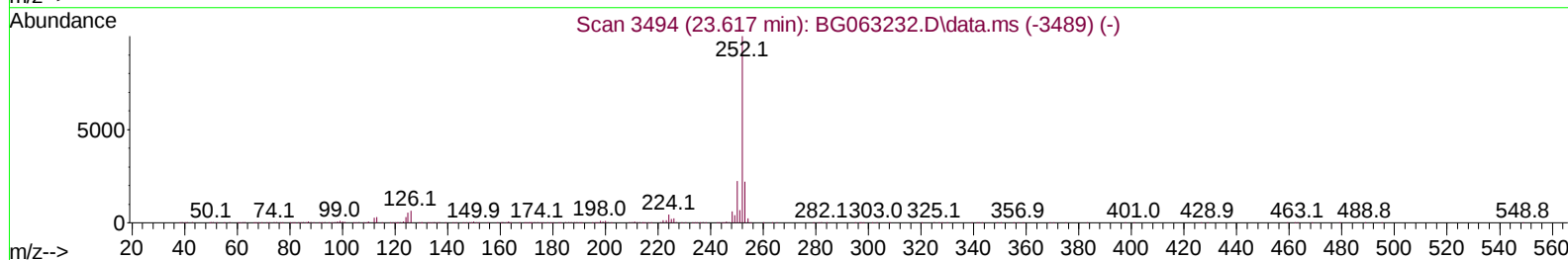
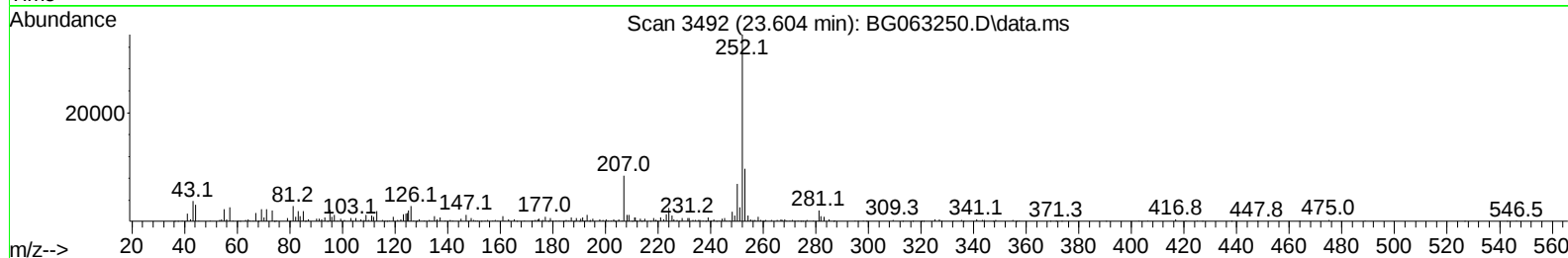
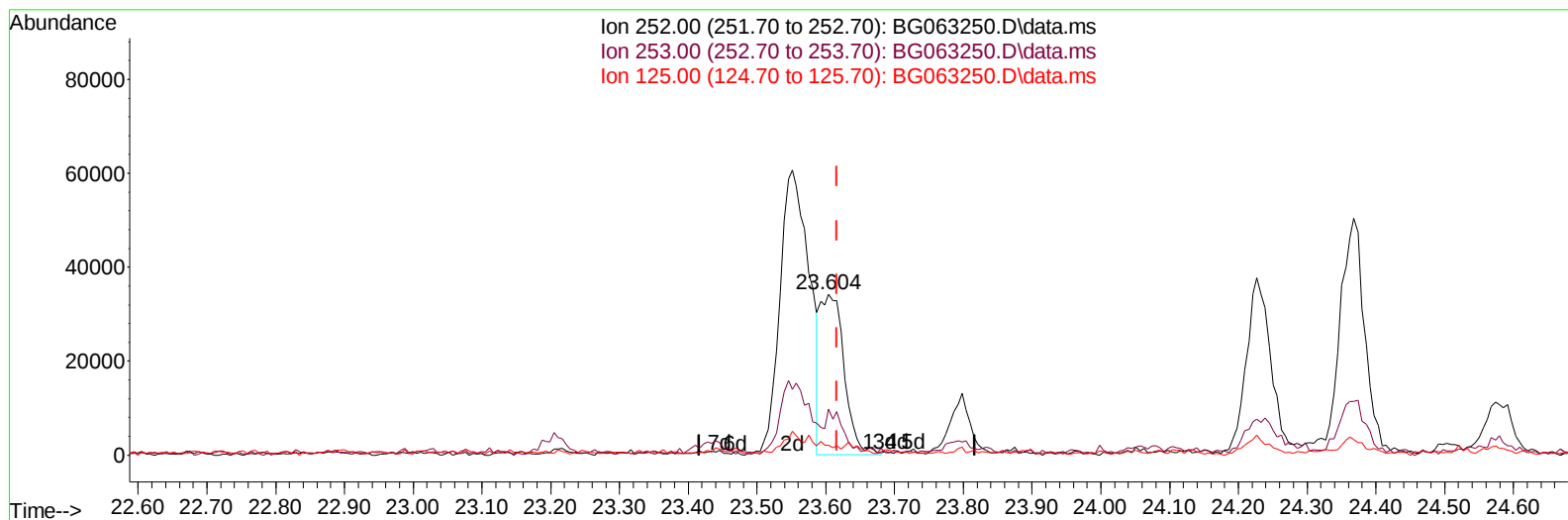
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063250.D
Acq On : 9 Nov 2024 5:24
Operator : RC/JU
Sample : P4582-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EE7

Manual IntegrationsAPPROVED

Quant Time: Nov 09 05:09:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063250.D\data.ms

(91) Benzo(k)fluoranthene

23.604min (-0.012) 1.16 ng/u1 m

response 81812

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	28.45#
125.00	4.10	6.10#
0.00	0.00	0.00

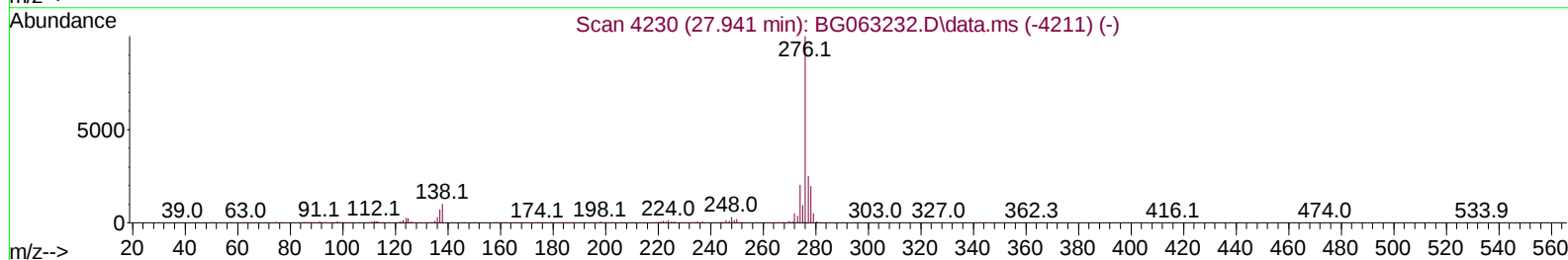
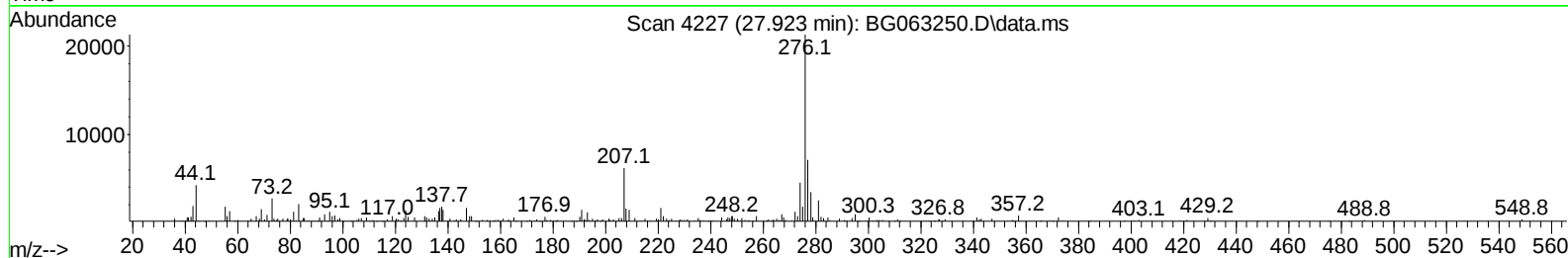
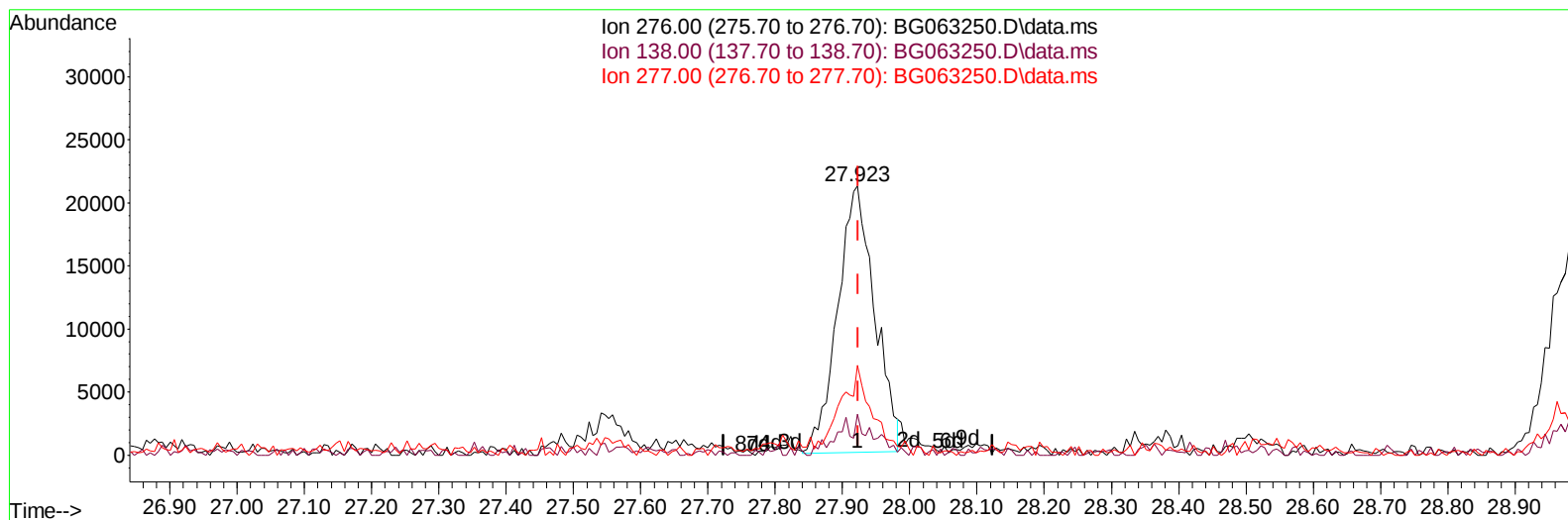
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063250.D
Acq On : 9 Nov 2024 5:24
Operator : RC/JU
Sample : P4582-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EE7

Manual IntegrationsAPPROVED

Quant Time: Nov 09 05:09:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063250.D\data.ms

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

27.923min (-0.001) 1.00 ng/u1

response 80914

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.40	15.30#
277.00	21.70	33.41#
0.00	0.00	0.00

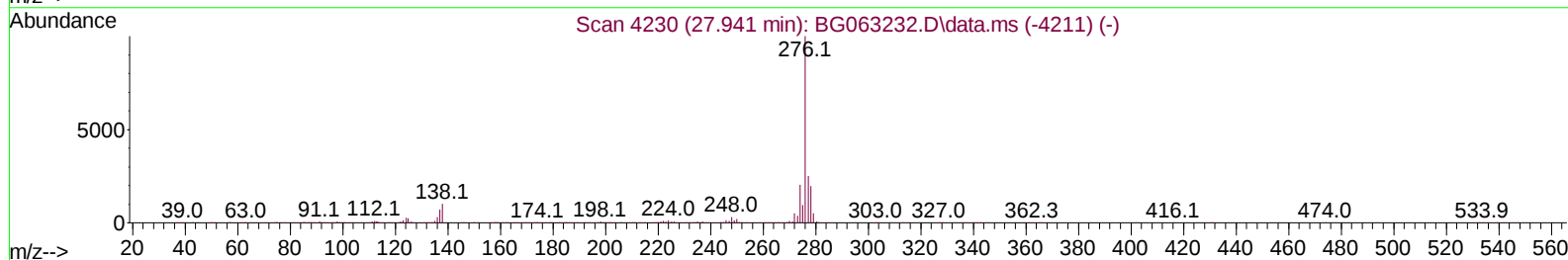
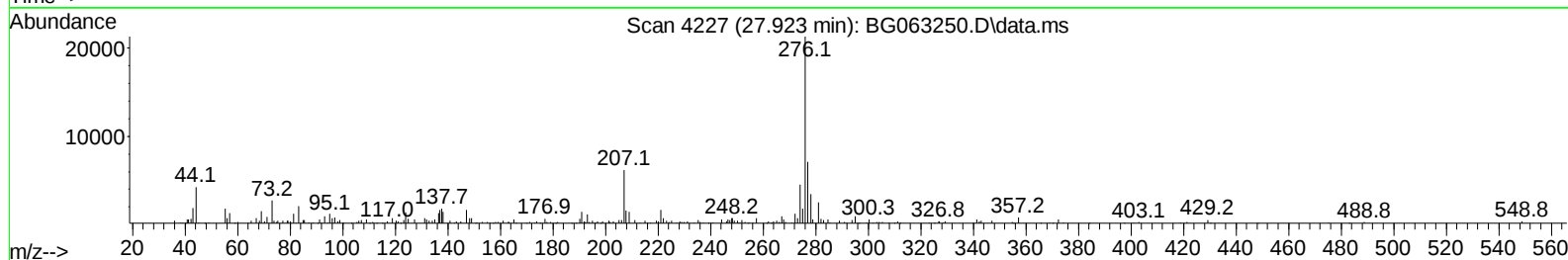
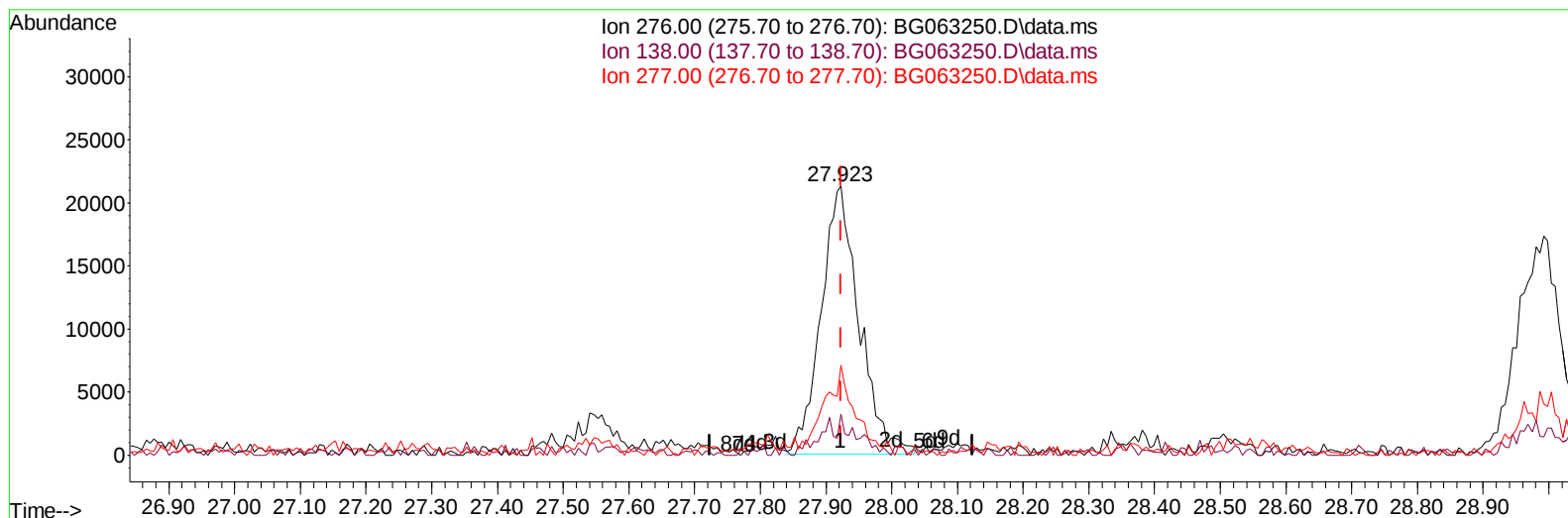
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
 Data File : BG063250.D
 Acq On : 9 Nov 2024 5:24
 Operator : RC/JU
 Sample : P4582-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4EE7

Manual IntegrationsAPPROVED

Quant Time: Nov 09 05:09:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024



TIC: BG063250.D\data.ms

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

27.923min (-0.001) 1.06 ng/ul m

response 85253

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.40	8.54
277.00	21.70	33.41#
0.00	0.00	0.00

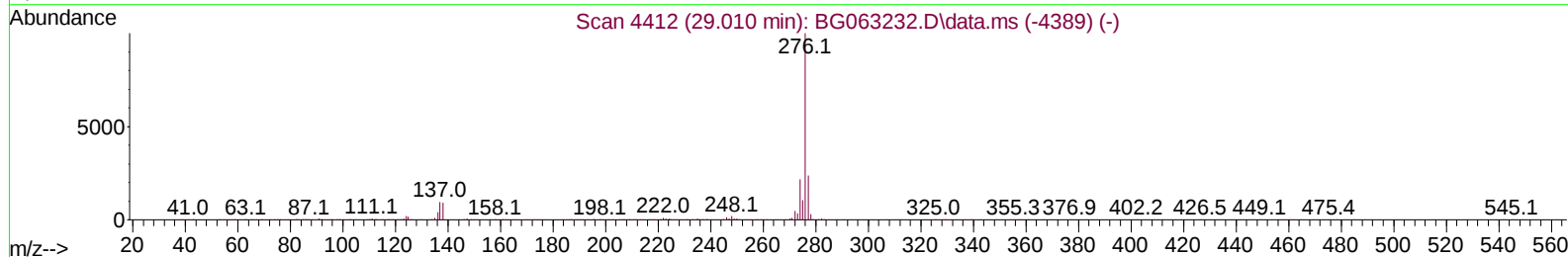
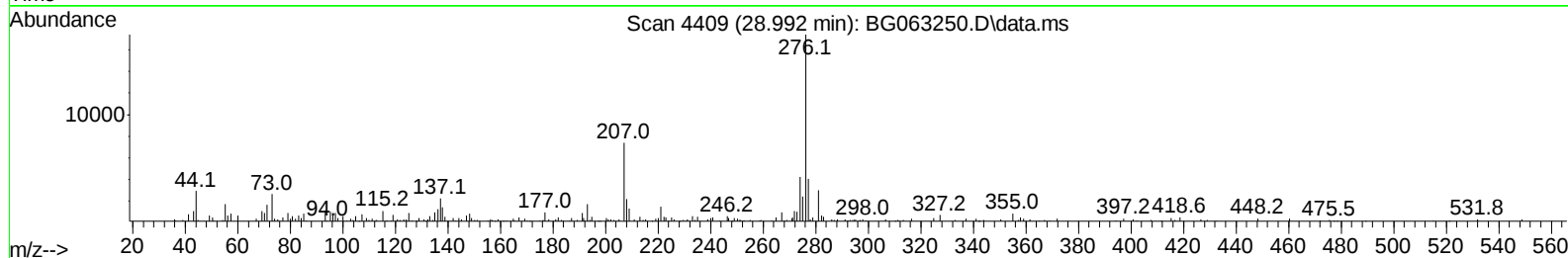
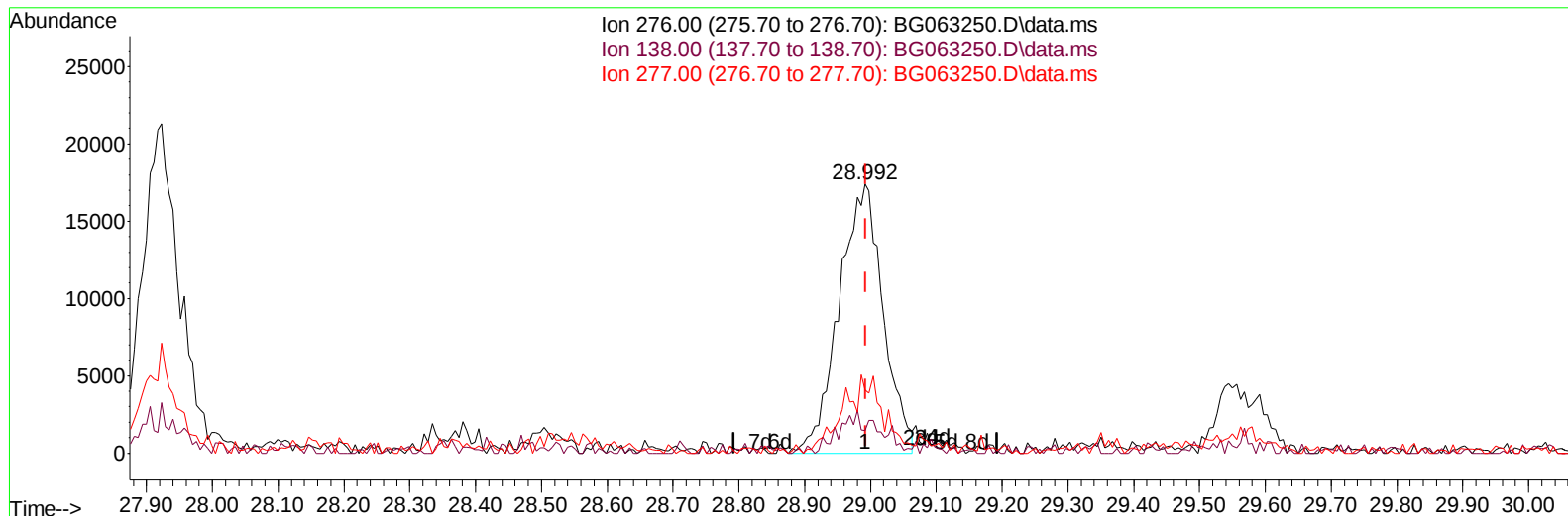
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063250.D
Acq On : 9 Nov 2024 5:24
Operator : RC/JU
Sample : P4582-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EE7

Manual IntegrationsAPPROVED

Quant Time: Nov 09 05:09:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063250.D\data.ms

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

28.992min (-0.001) 1.32 ng/u1

response 80461

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.10	8.38
277.00	23.20	23.40
0.00	0.00	0.00

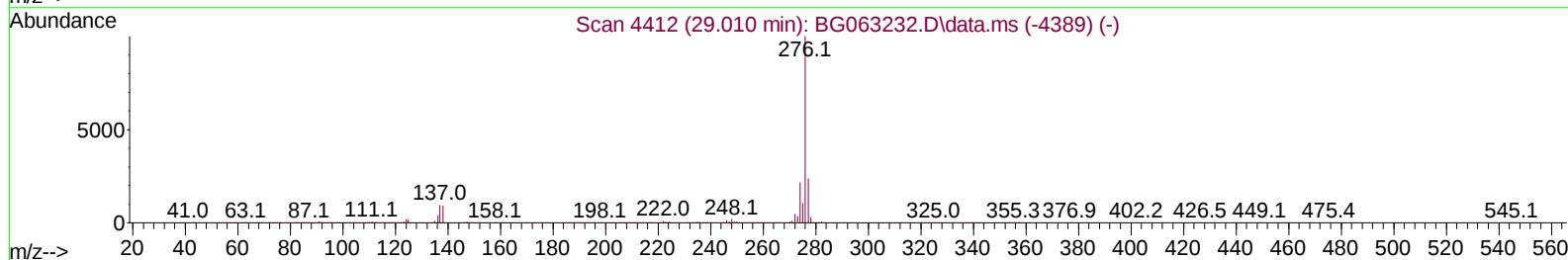
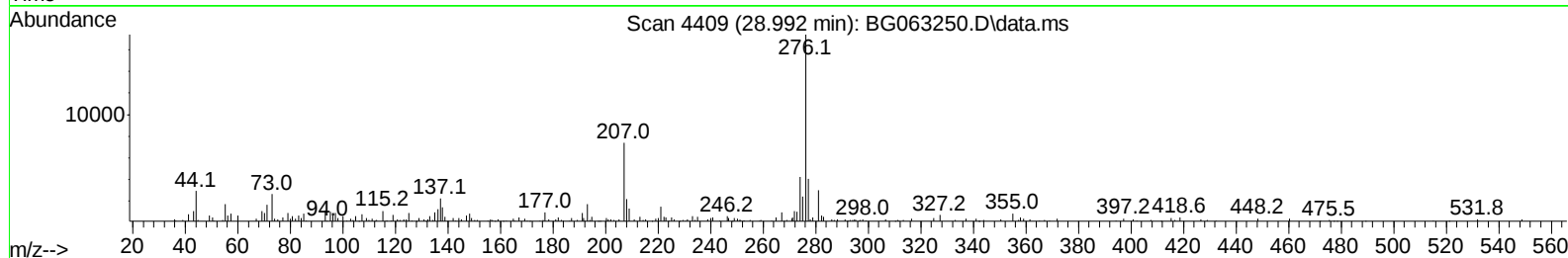
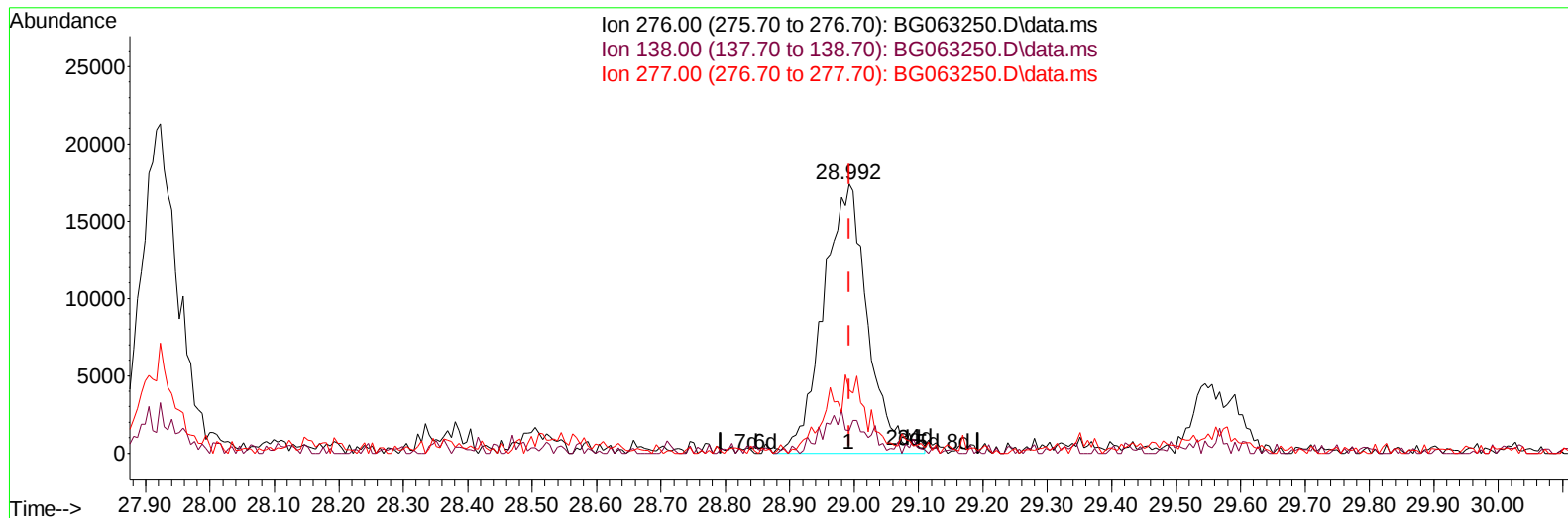
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063250.D
Acq On : 9 Nov 2024 5:24
Operator : RC/JU
Sample : P4582-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EE7

Manual IntegrationsAPPROVED

Quant Time: Nov 09 05:09:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063250.D\data.ms

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

28.992min (-0.001) 1.36 ng/u1 m

response 82839

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.10	8.38
277.00	23.20	23.40
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
 Data File : BG063250.D
 Acq On : 9 Nov 2024 5:24
 Operator : RC/JU
 Sample : P4582-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4EE7

Manual IntegrationsAPPROVED

Quant Time: Nov 09 05:13:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	109962	20.000	ng/ul	0.00
20) Naphthalene-d8	10.625	136	526615	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.474	164	461389	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.223	188	1091293	20.000	ng/ul	0.00
79) Chrysene-d12	21.477	240	1072664	20.000	ng/ul	# 0.00
88) Perylene-d12	24.515	264	1179745	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	12081	4.968	ng/uL	0.00
4) Pyridine-d5	3.704	84	201042	25.012	ng/ul	0.00
7) Phenol-d5	7.006	99	292516	29.480	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	160067	27.503	ng/ul	0.00
11) 2-Chlorophenol-d4	7.370	132	196407	30.496	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	255375	30.365	ng/ul	0.00
21) Nitrobenzene-d5	8.986	128	113685	30.707	ng/ul	0.00
24) 2-Nitrophenol-d4	9.709	143	144426	30.183	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.249	165	295631	31.482	ng/ul	0.00
31) 4-Chloroaniline-d4	10.760	131	300317	24.554	ng/ul	0.00
46) Dimethylphthalate-d6	13.880	166	1014074	28.059	ng/ul	0.00
49) Acenaphthylene-d8	14.162	160	1130059	31.946	ng/ul	0.00
54) 4-Nitrophenol-d4	14.679	143	125385	25.339	ng/ul	0.00
60) Fluorene-d10	15.467	176	943560	30.935	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.590	200	174503	25.443	ng/ul	0.00
73) Anthracene-d10	17.323	188	1503338	32.053	ng/ul	0.00
81) Pyrene-d10	19.621	212	1877042	34.902	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.303	264	1891894	33.215	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.035	94	11236	1.039	ng/ul#	93
18) 4-Methylphenol	8.598	108	61220	6.816	ng/ul	90
72) Phenanthrene	17.265	178	167753	3.364	ng/ul	98
80) Fluoranthene	19.286	202	310896	5.348	ng/ul	99
82) Pyrene	19.650	202	261712	4.247	ng/ul#	96
85) Benzo(a)anthracene	21.454	228	147232	2.170	ng/ul	99
87) Chrysene	21.518	228	157863	2.496	ng/ul	99
90) Benzo(b)fluoranthene	23.551	252	180045	2.537	ng/ul#	95
91) Benzo(k)fluoranthene	23.604	252	81812m	1.157	ng/ul	
93) Benzo(a)pyrene	24.368	252	118090	1.799	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.923	276	85253m	1.059	ng/ul	
96) Benzo(g,h,i)perylene	28.992	276	82839m	1.357	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063250.D
Acq On : 9 Nov 2024 5:24
Operator : RC/JU
Sample : P4582-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EE7

Manual IntegrationsAPPROVED

Quant Time: Nov 09 05:13:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

