

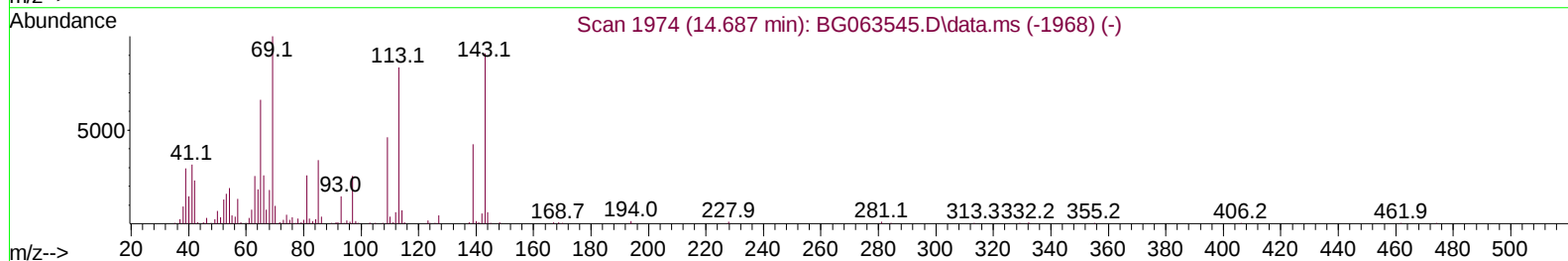
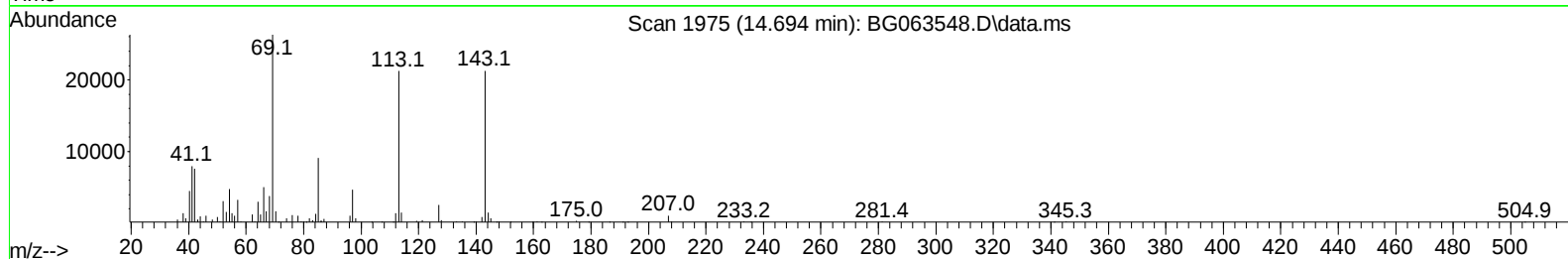
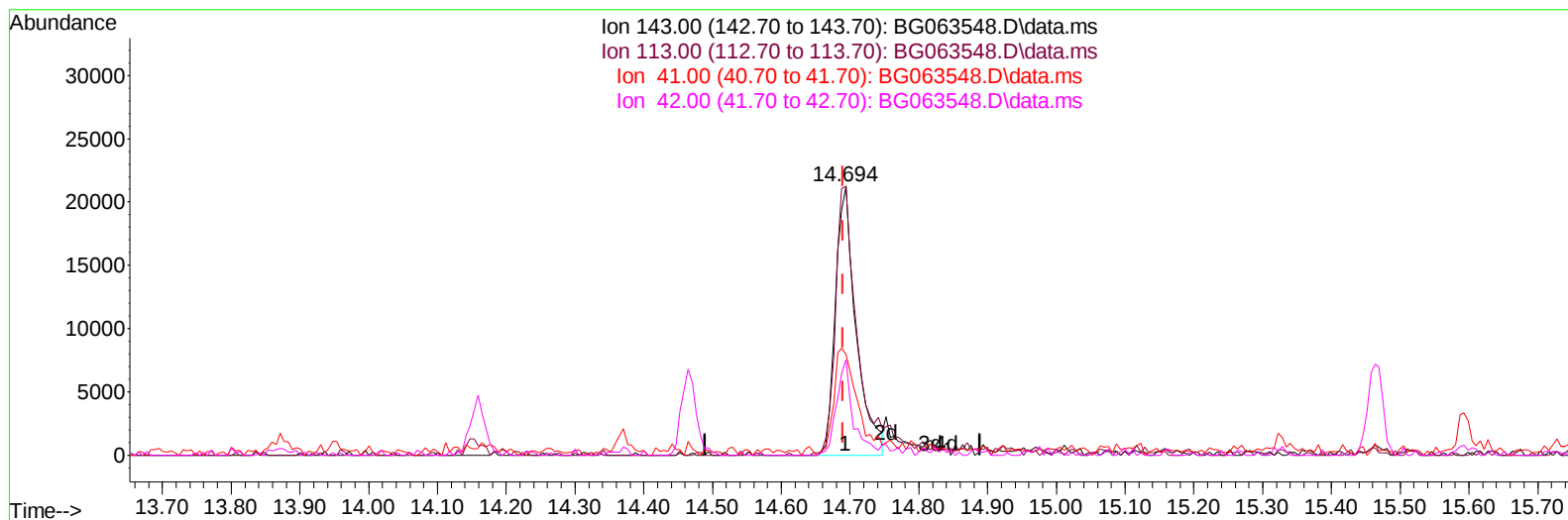
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112524\
 Data File : BG063548.D
 Acq On : 25 Nov 2024 13:46
 Operator : RC/JU
 Sample : P4895-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2A12

Manual IntegrationsAPPROVED

Quant Time: Nov 25 16:59:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 14:52:38 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



TIC: BG063548.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.694min (+ 0.004) 14.26 ng/u1

response 44365

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	103.10	99.89
41.00	38.80	37.50
42.00	26.30	35.59#

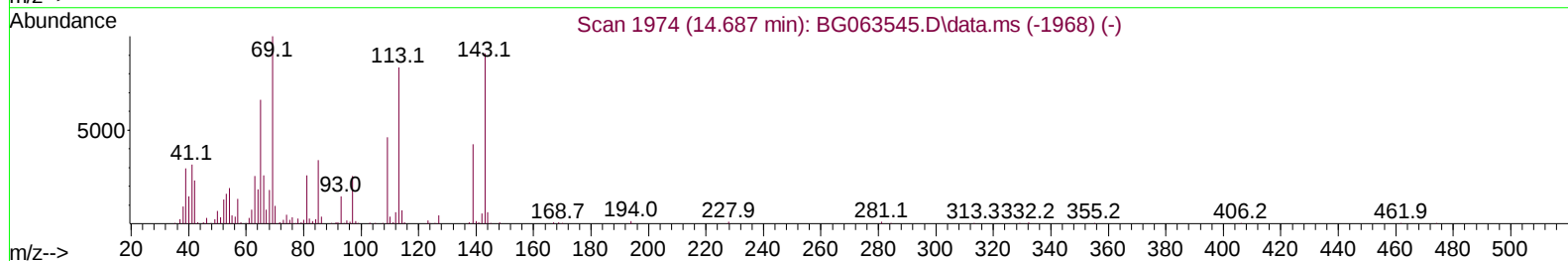
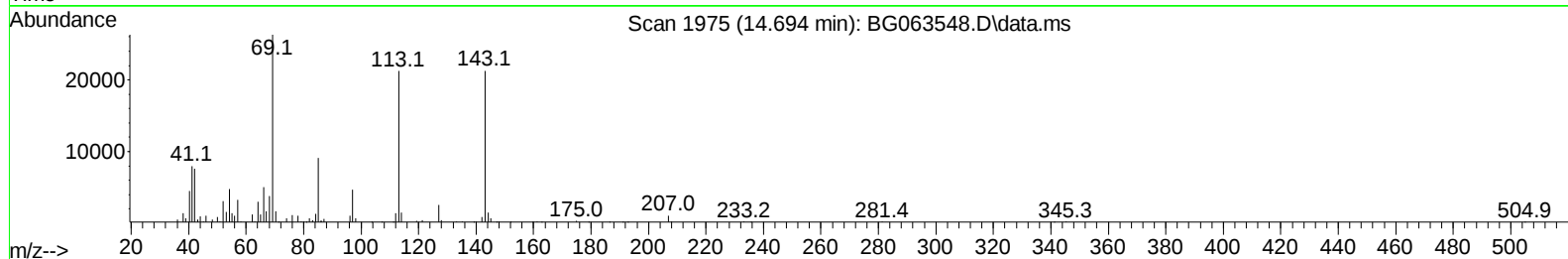
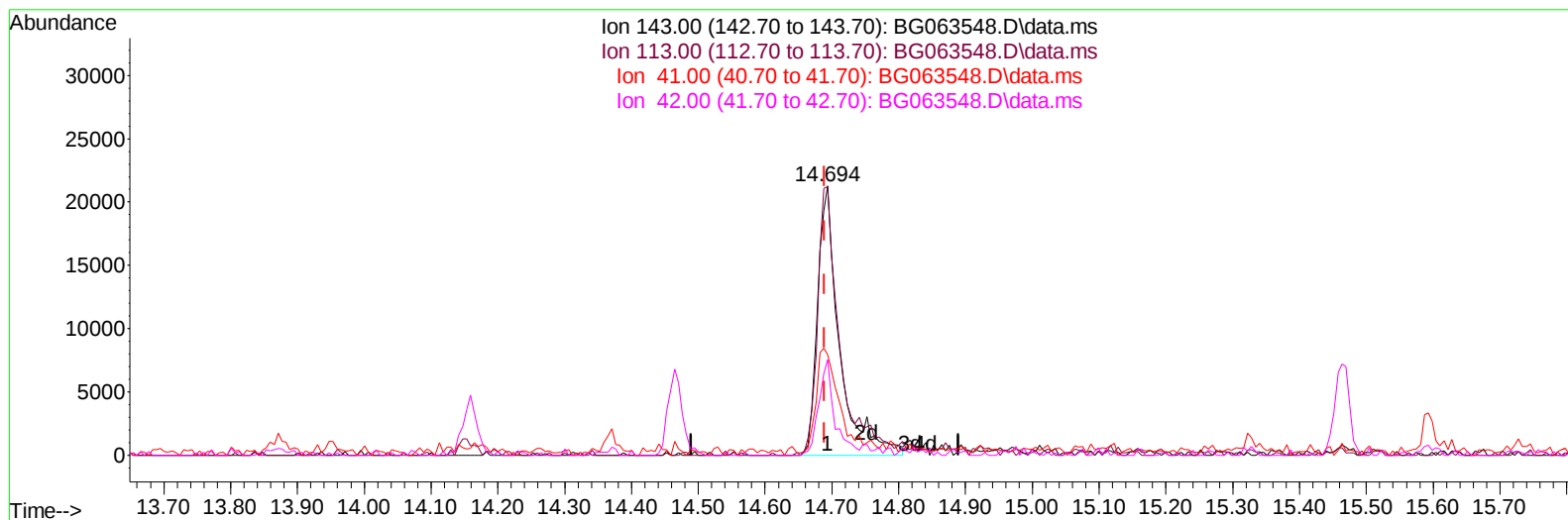
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112524\
Data File : BG063548.D
Acq On : 25 Nov 2024 13:46
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2A12

Manual IntegrationsAPPROVED

Quant Time: Nov 25 16:59:32 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
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Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



TIC: BG063548.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.694min (+ 0.004) 15.63 ng/ul m

response 48643

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	103.10	99.89
41.00	38.80	37.50
42.00	26.30	35.59#

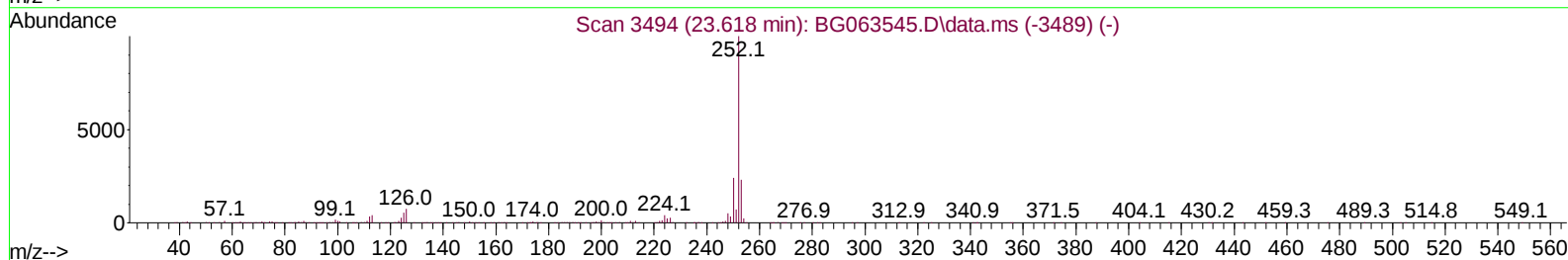
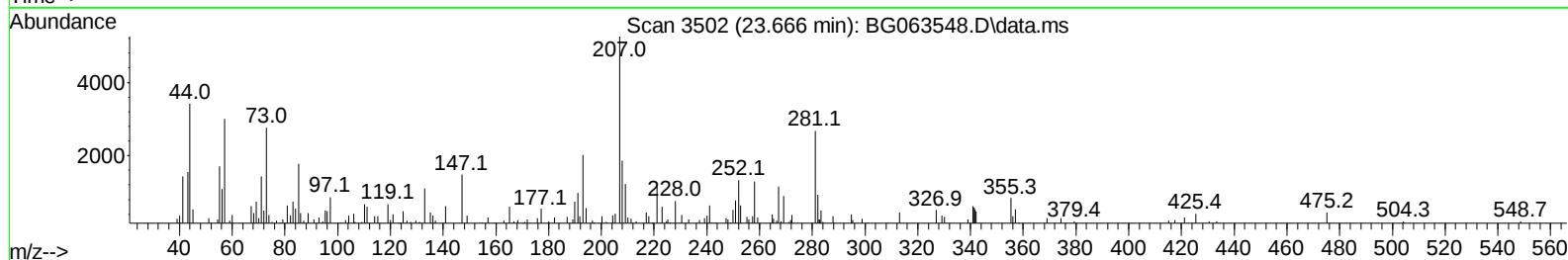
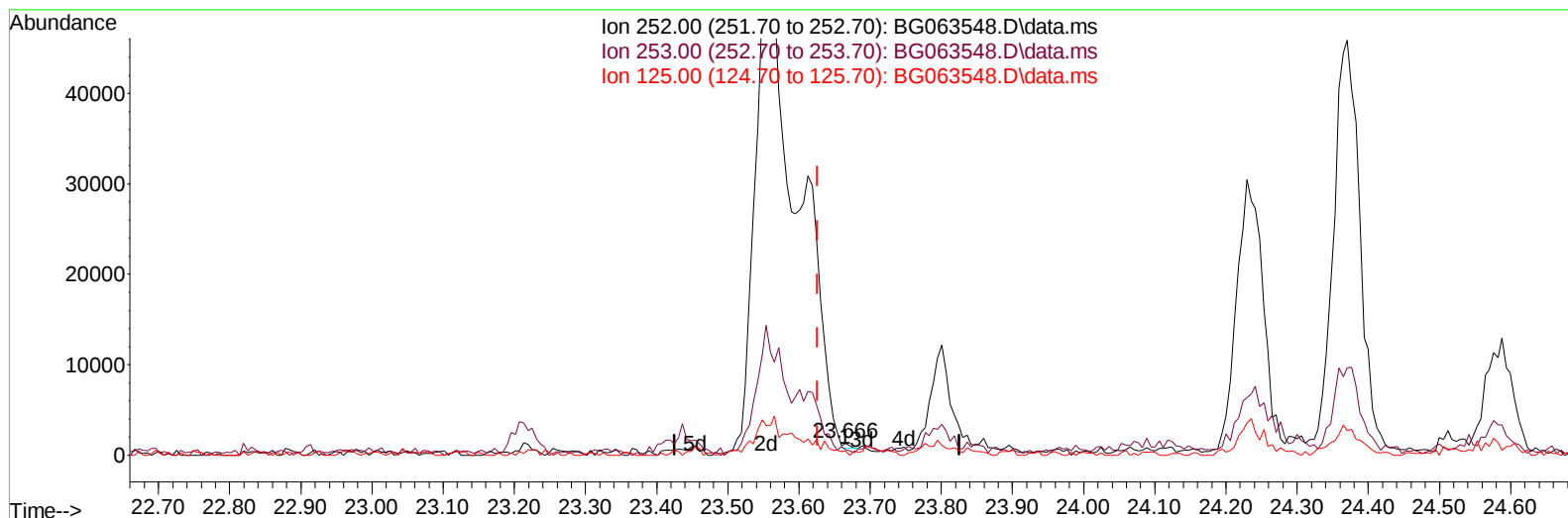
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112524\
Data File : BG063548.D
Acq On : 25 Nov 2024 13:46
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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TIC: BG063548.D\data.ms

(91) Benzo(k)fluoranthene

23.666min (+ 0.039) 0.01 ng/u1

response 342

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.30	47.53#
125.00	5.40	35.70#
0.00	0.00	0.00

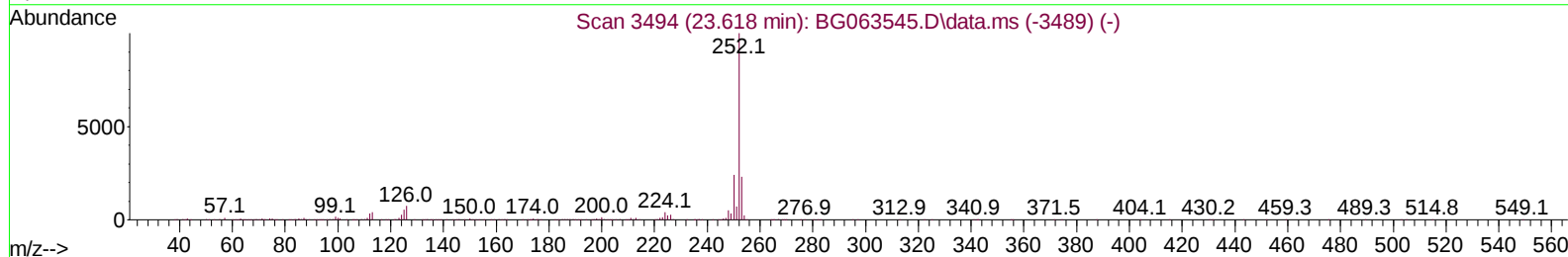
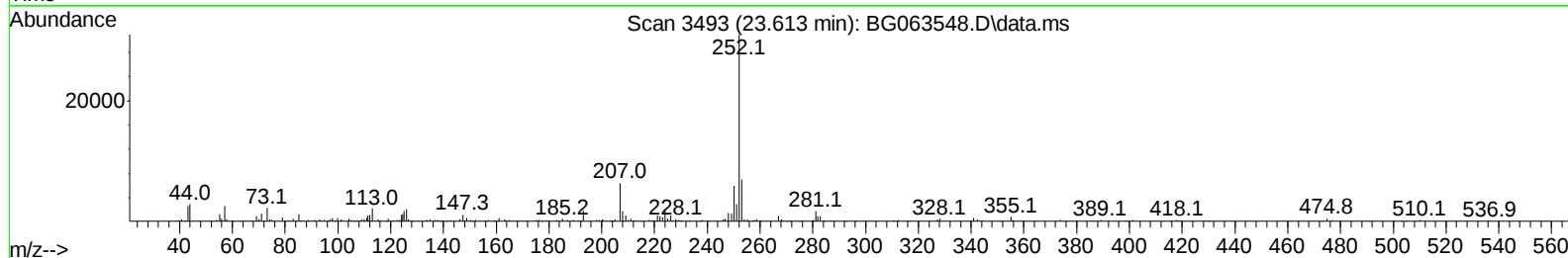
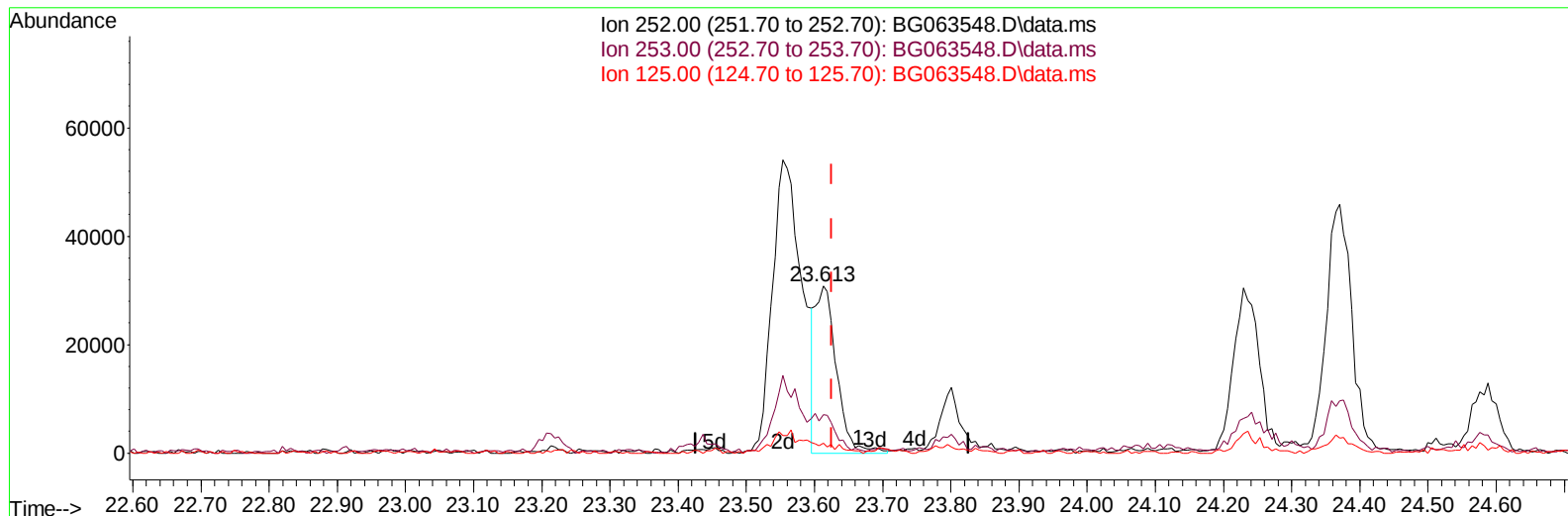
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112524\
Data File : BG063548.D
Acq On : 25 Nov 2024 13:46
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2A12

Manual IntegrationsAPPROVED

Quant Time: Nov 25 16:59:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



TIC: BG063548.D\data.ms

(91) Benzo(k)fluoranthene

23.613min (-0.014) 1.25 ng/ul m

response 67524

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.30	22.87
125.00	5.40	5.80
0.00	0.00	0.00

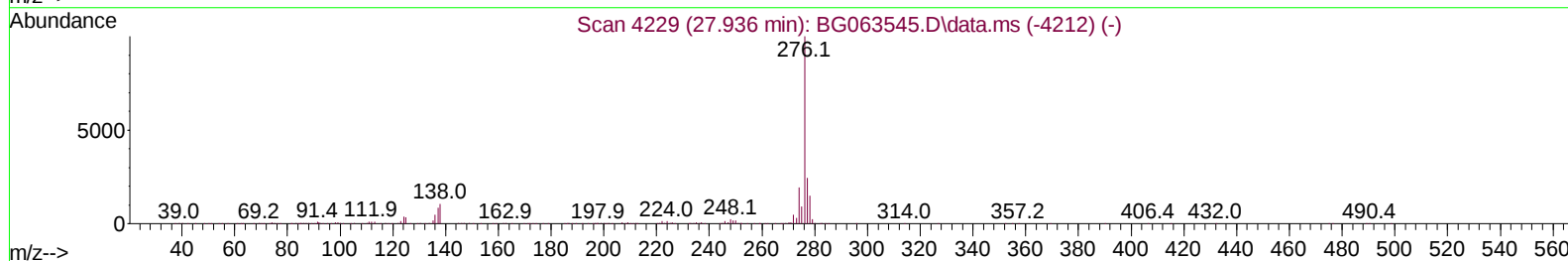
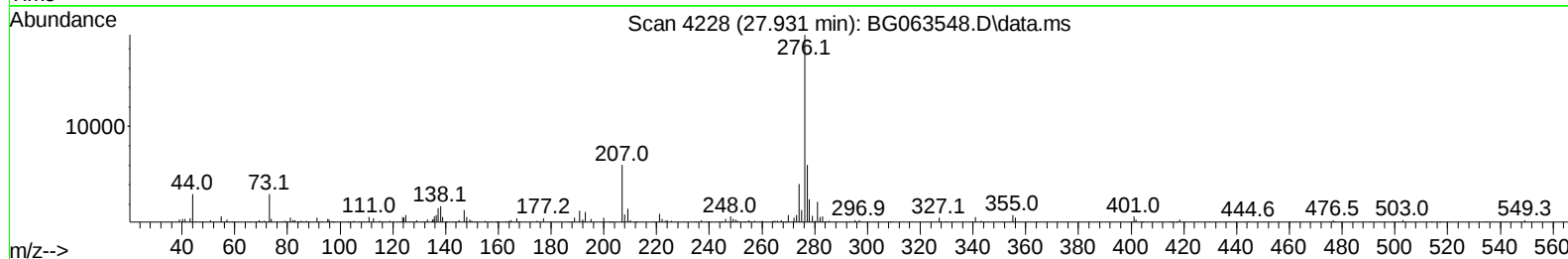
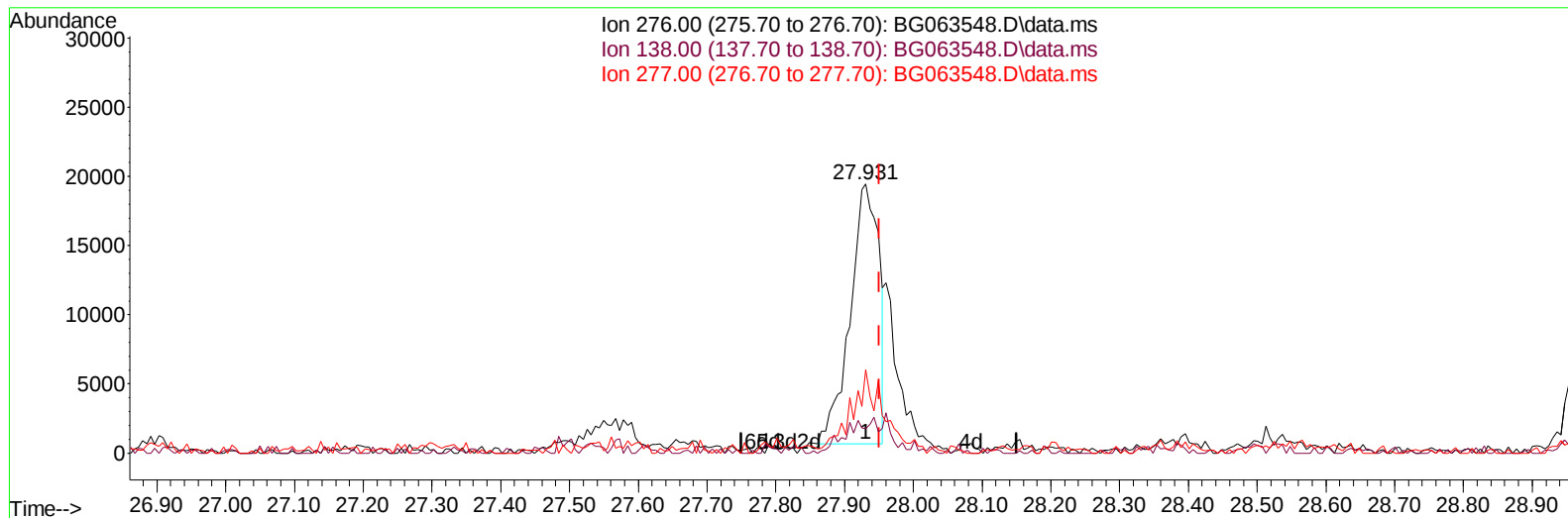
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112524\
Data File : BG063548.D
Acq On : 25 Nov 2024 13:46
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2A12

Manual IntegrationsAPPROVED

Quant Time: Nov 26 00:15:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



TIC: BG063548.D\data.ms

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

27.931min (-0.019) 0.87 ng/u1

response 54458

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	9.19#
277.00	24.20	30.93#
0.00	0.00	0.00

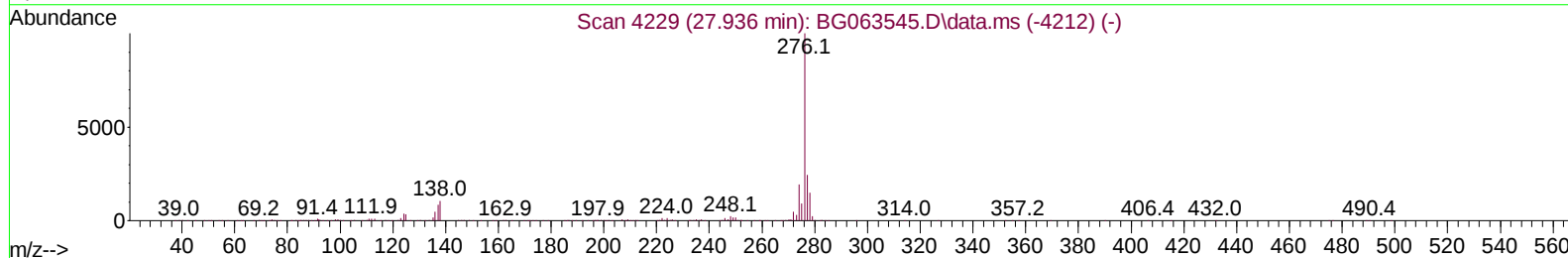
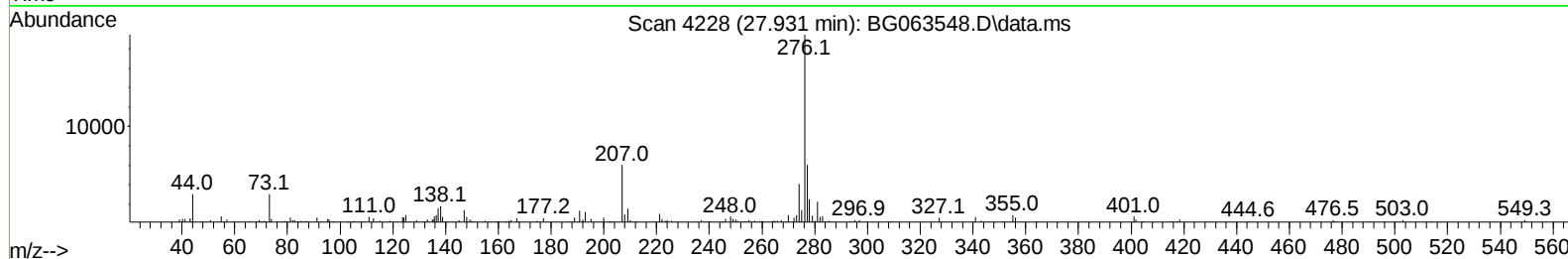
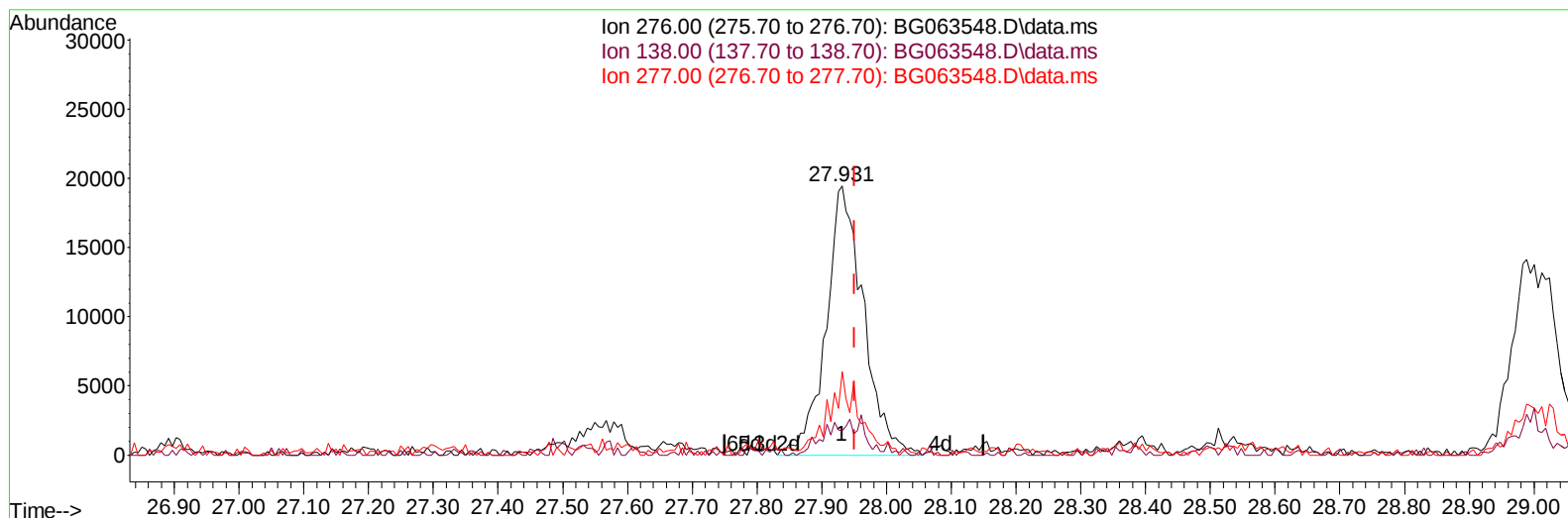
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Data File : BG063548.D
Acq On : 25 Nov 2024 13:46
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2A12

Manual IntegrationsAPPROVED

Quant Time: Nov 26 00:15:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



TIC: BG063548.D\data.ms

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

27.931min (-0.019) 1.25 ng/ul m

response 78071

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	9.19#
277.00	24.20	30.93#
0.00	0.00	0.00

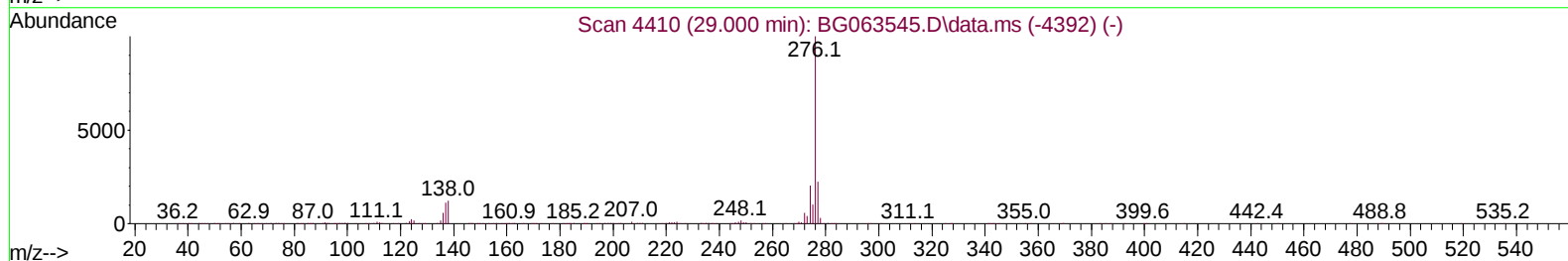
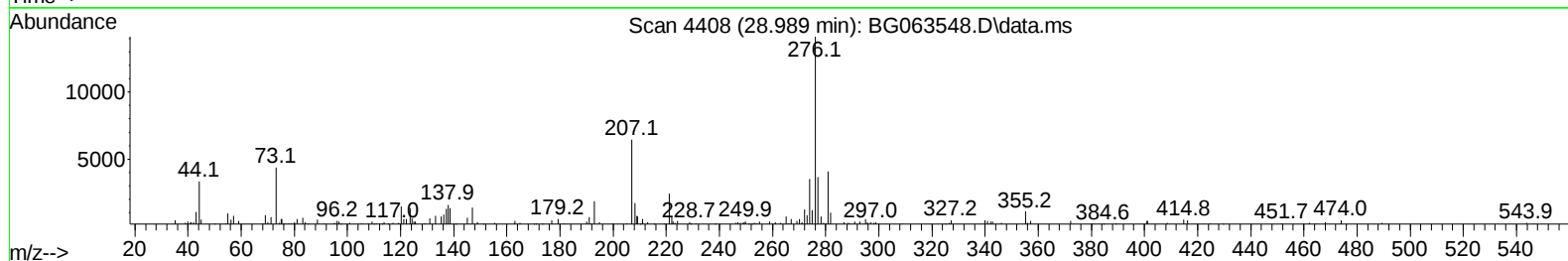
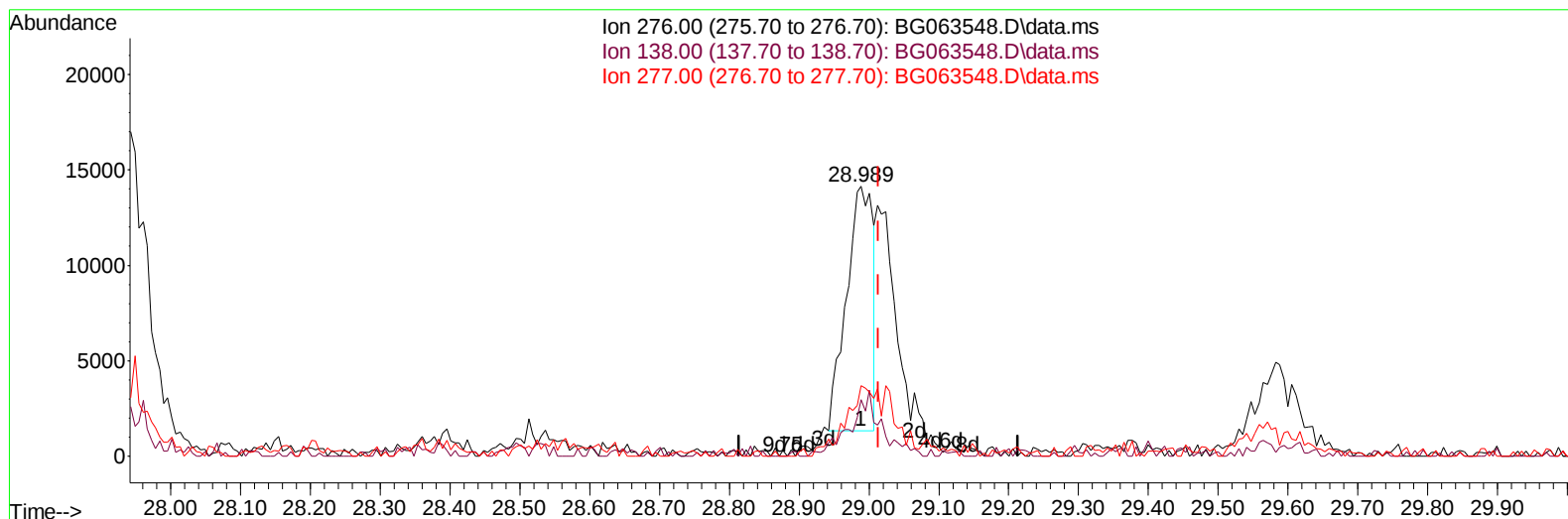
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112524\
Data File : BG063548.D
Acq On : 25 Nov 2024 13:46
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2A12

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 00:15:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BG063548.D\data.ms

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

28.989min (-0.025) 0.71 ng/u1

response 33436

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	20.80#
277.00	22.80	26.02
0.00	0.00	0.00

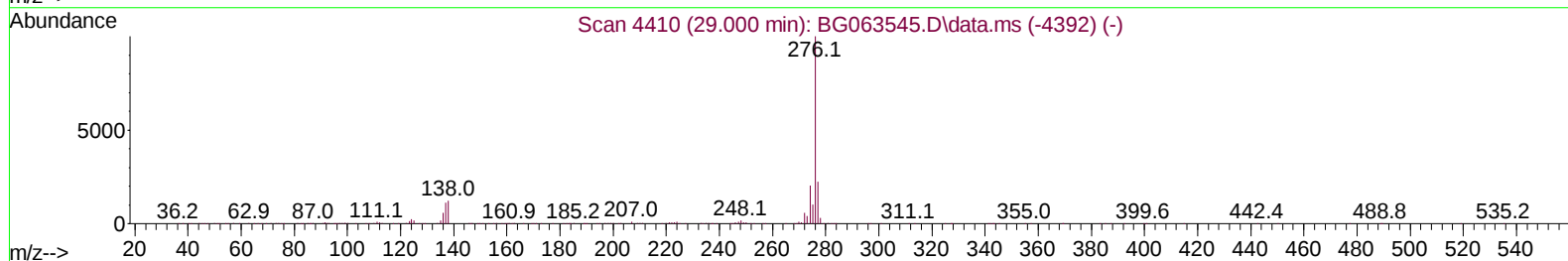
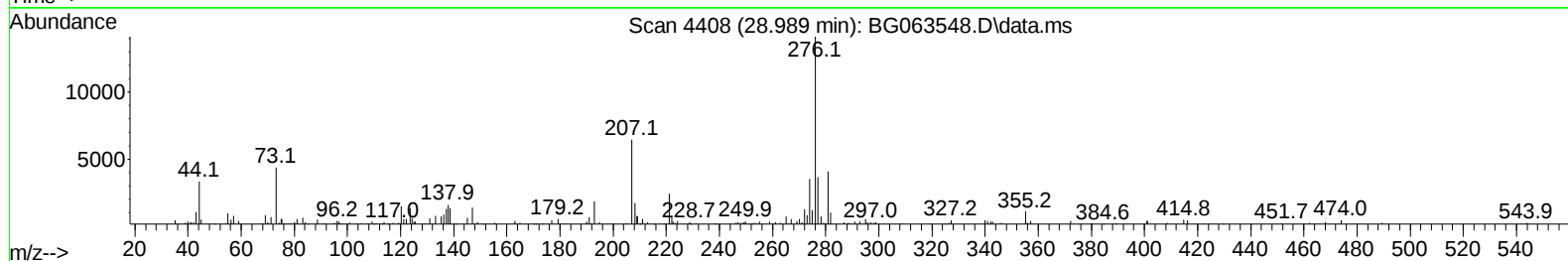
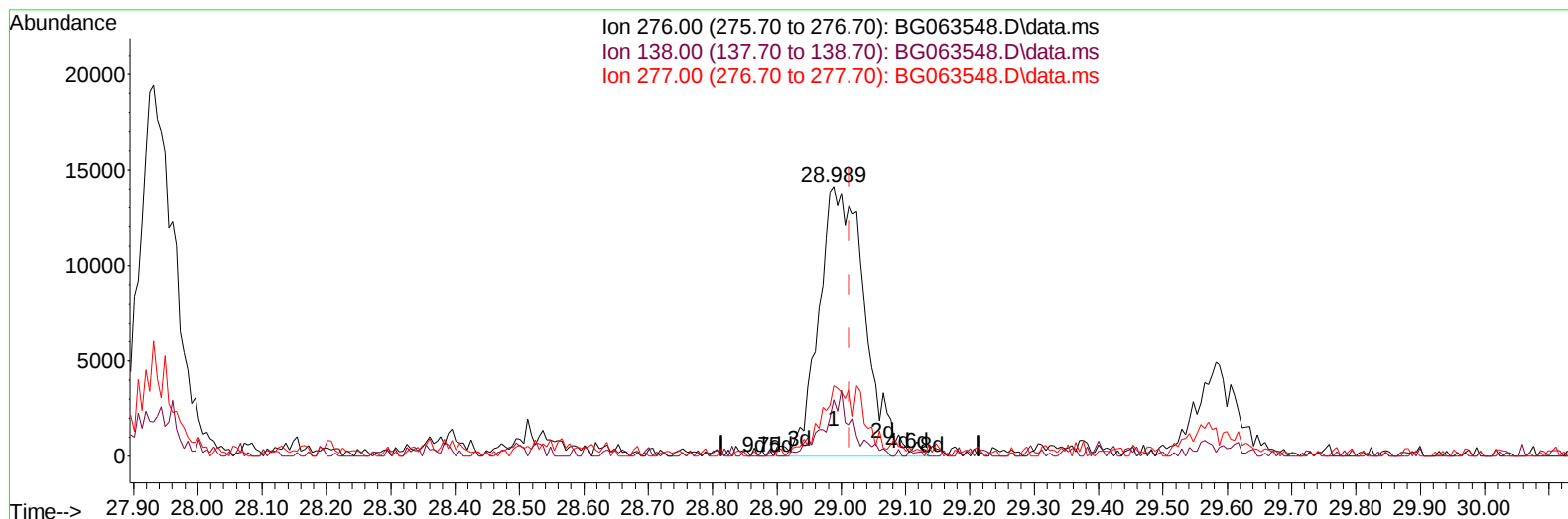
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112524\
Data File : BG063548.D
Acq On : 25 Nov 2024 13:46
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2A12

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 00:15:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration



TIC: BG063548.D\data.ms

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

28.989min (-0.025) 1.50 ng/ul m

response 71009

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	11.20
277.00	22.80	26.02
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112524\
 Data File : BG063548.D
 Acq On : 25 Nov 2024 13:46
 Operator : RC/JU
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
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 E2A12

Manual IntegrationsAPPROVED

Quant Time: Nov 26 00:17:33 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	94743	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	391681	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.470	164	308440	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.220	188	746404	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	808682	20.000	ng/ul	0.00
88) Perylene-d12	24.517	264	896336	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.295	96	6155	2.564	ng/uL	0.00
4) Pyridine-d5	3.701	84	78028	10.370	ng/ul	0.00
7) Phenol-d5	7.009	99	135710	17.416	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.155	67	86970	17.402	ng/ul	0.00
11) 2-Chlorophenol-d4	7.361	132	97431	17.644	ng/ul	0.00
15) 4-Methylphenol-d8	8.536	113	126814	19.476	ng/ul	0.00
21) Nitrobenzene-d5	8.983	128	50900	18.096	ng/ul	0.00
24) 2-Nitrophenol-d4	9.705	143	60341	17.366	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	119162	17.967	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	157855	18.817	ng/ul	0.00
46) Dimethylphthalate-d6	13.871	166	508793	24.299	ng/ul	0.00
49) Acenaphthylene-d8	14.159	160	538822	22.566	ng/ul	0.00
54) 4-Nitrophenol-d4	14.694	143	48643m	15.635	ng/ul	0.00
60) Fluorene-d10	15.463	176	473683	24.897	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	58125	13.851	ng/ul	0.00
73) Anthracene-d10	17.320	188	863612	26.632	ng/ul	0.00
81) Pyrene-d10	19.617	212	1131370	27.910	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.306	264	1189395	27.358	ng/ul	-0.01
Target Compounds				Qvalue		
72) Phenanthrene	17.261	178	138789	3.901	ng/ul#	96
80) Fluoranthene	19.288	202	298378	6.657	ng/ul	99
82) Pyrene	19.647	202	238817	4.972	ng/ul#	95
85) Benzo(a)anthracene	21.456	228	133982	2.562	ng/ul	95
87) Chrysene	21.521	228	123534	2.527	ng/ul	93
90) Benzo(b)fluoranthene	23.554	252	161285	2.997	ng/ul#	92
91) Benzo(k)fluoranthene	23.613	252	67524m	1.250	ng/ul	
93) Benzo(a)pyrene	24.371	252	116128	2.306	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.931	276	78071m	1.250	ng/ul	
96) Benzo(g,h,i)perylene	28.989	276	71009m	1.499	ng/ul	

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

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