

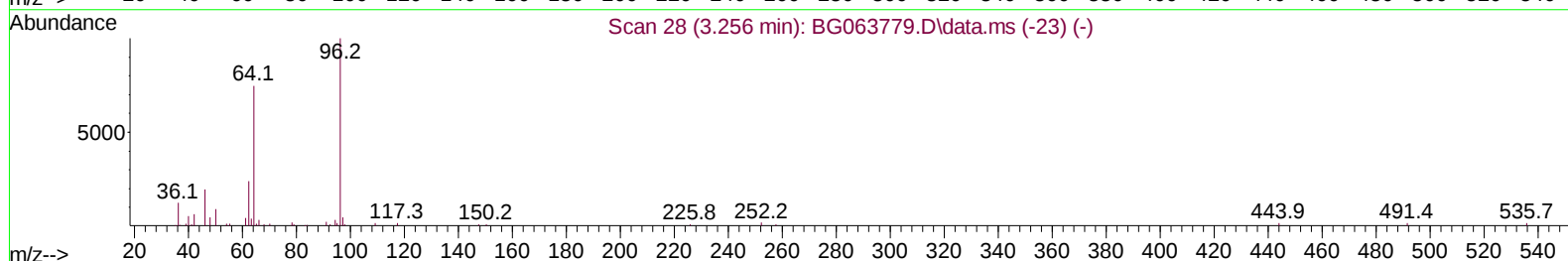
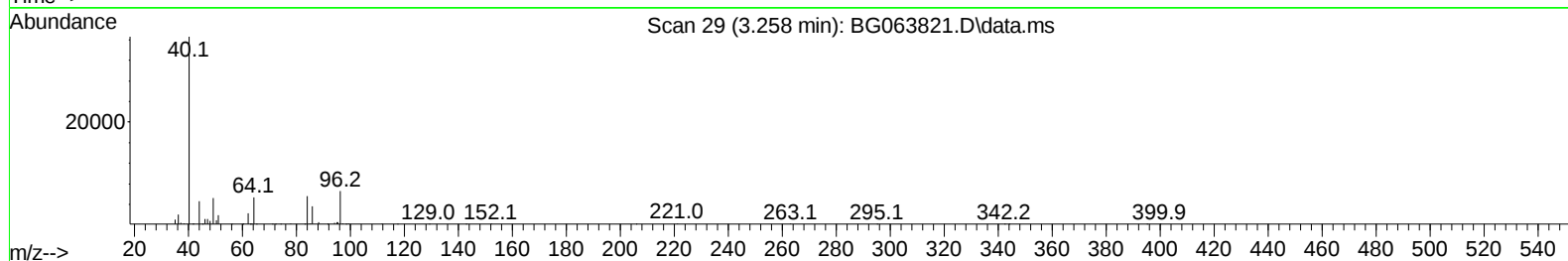
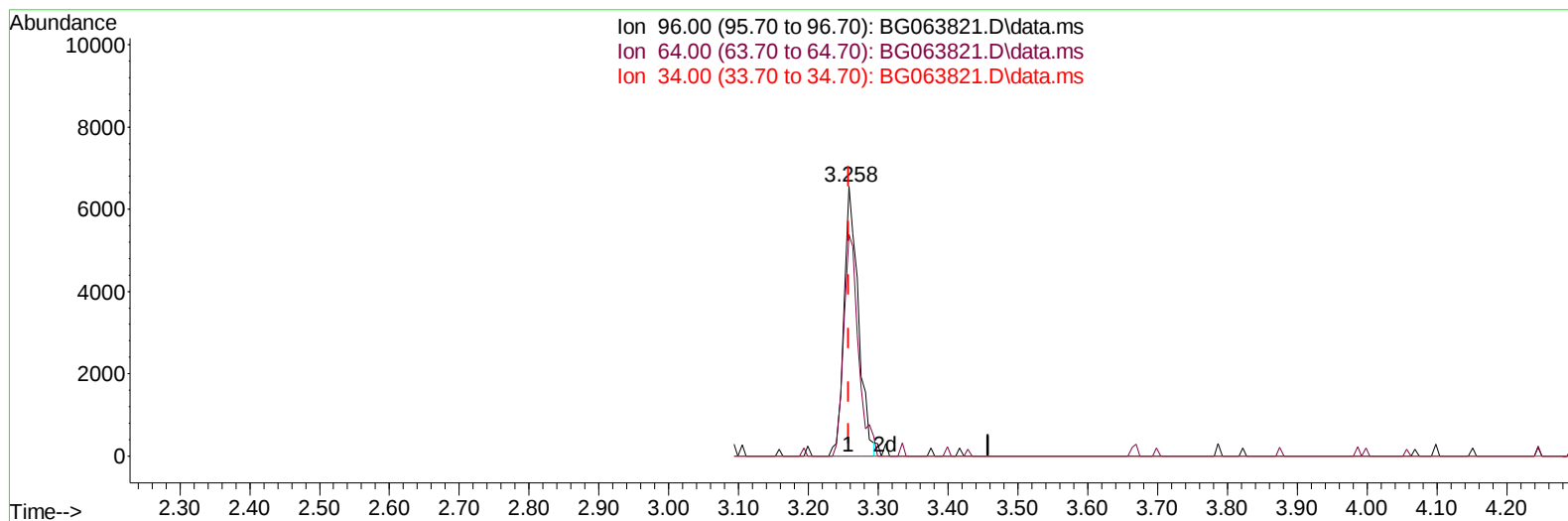
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063821.D
Acq On : 24 Dec 2024 16:06
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 01:19:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration



TIC: BG063821.D\data.ms

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

3.258min (-0.000) 3.48 ng/uL

response 9325

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.80	82.07
34.00	0.00	0.00
0.00	0.00	0.00

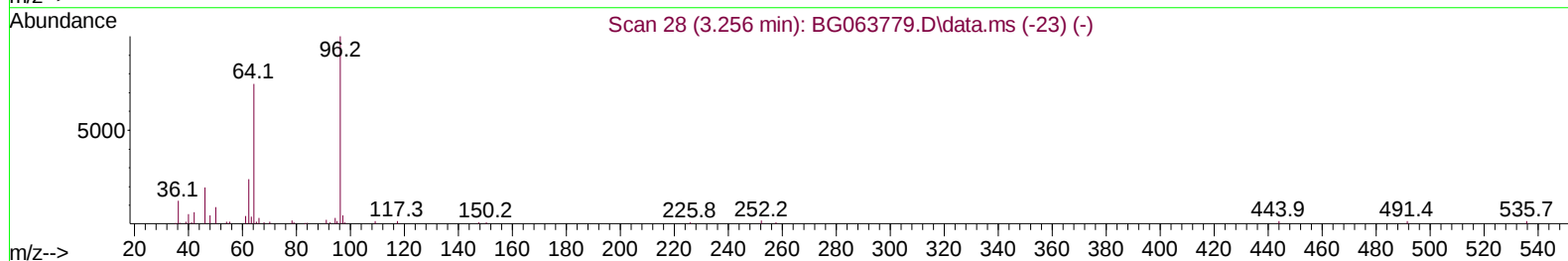
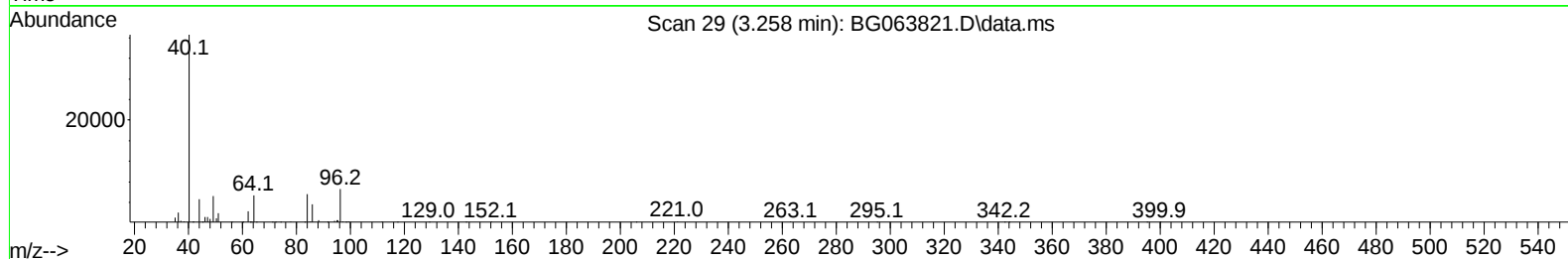
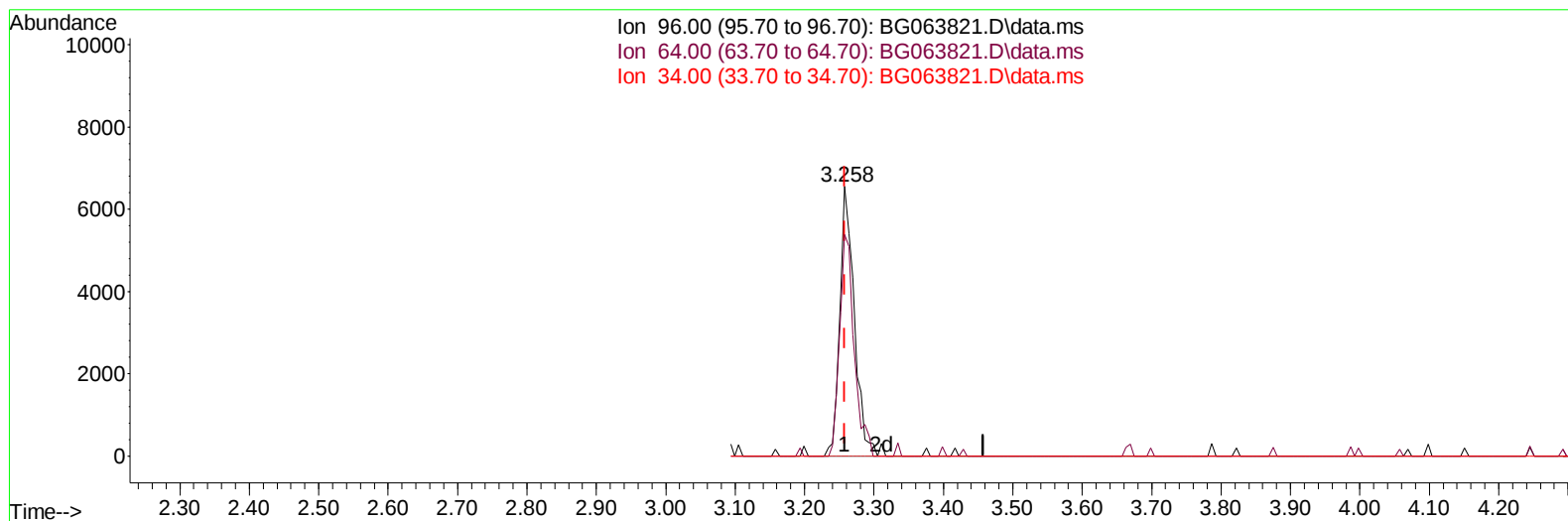
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063821.D
Acq On : 24 Dec 2024 16:06
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration



TIC: BG063821.D\data.ms

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

3.258min (-0.000) 3.52 ng/uL m

response 9433

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.80	82.07
34.00	0.00	0.00
0.00	0.00	0.00

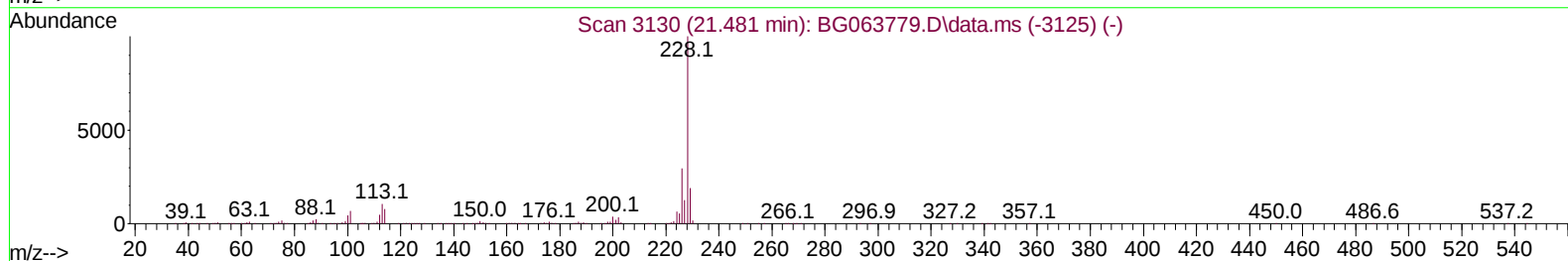
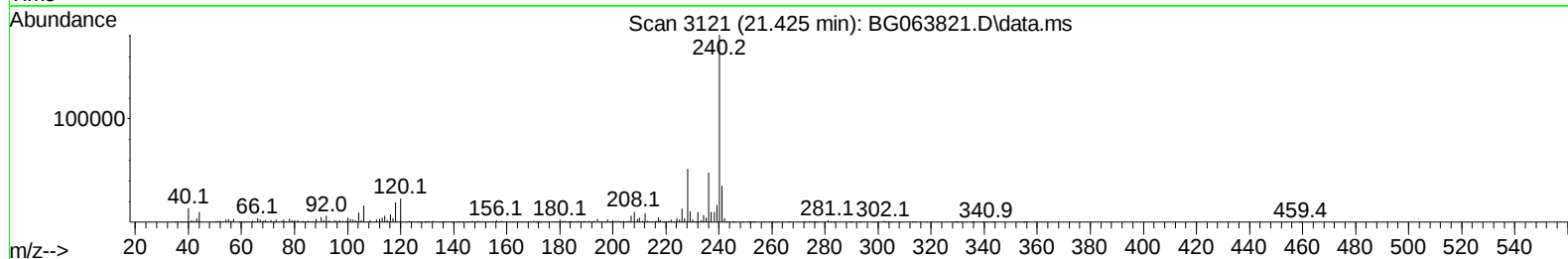
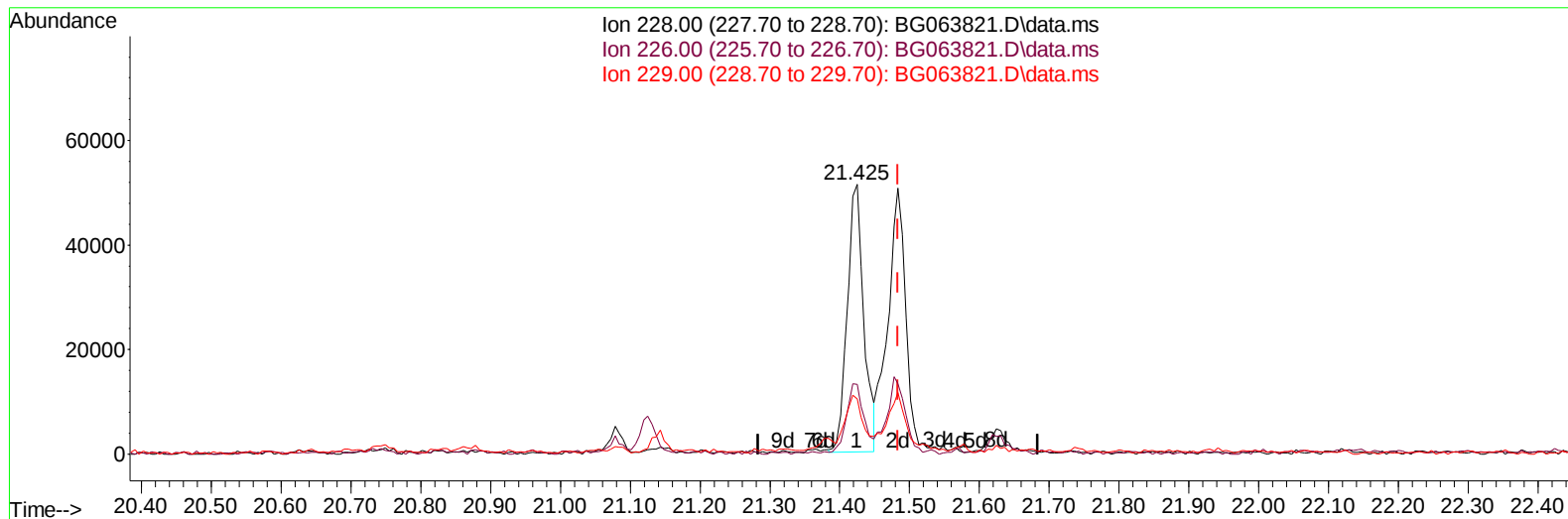
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063821.D
Acq On : 24 Dec 2024 16:06
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/26/2024



TIC: BG063821.D\data.ms

(87) Chrysene

21.425min (-0.059) 1.68 ng/u1

response 83945

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	25.85
229.00	18.50	20.31
0.00	0.00	0.00

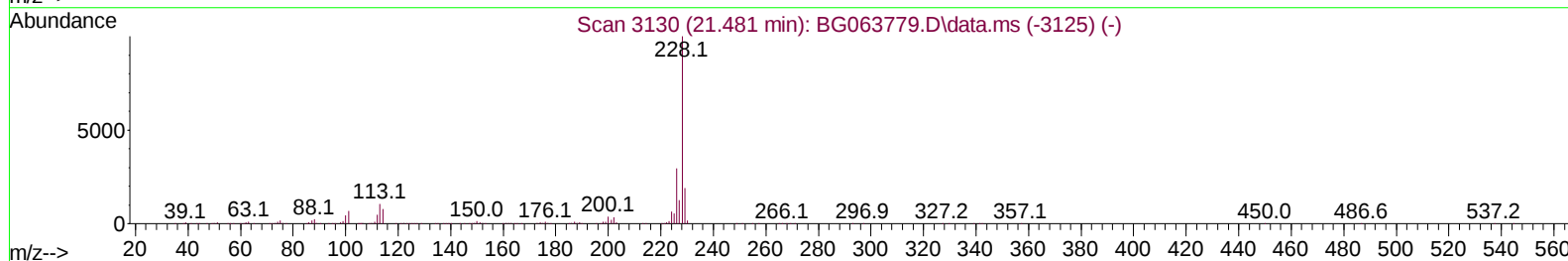
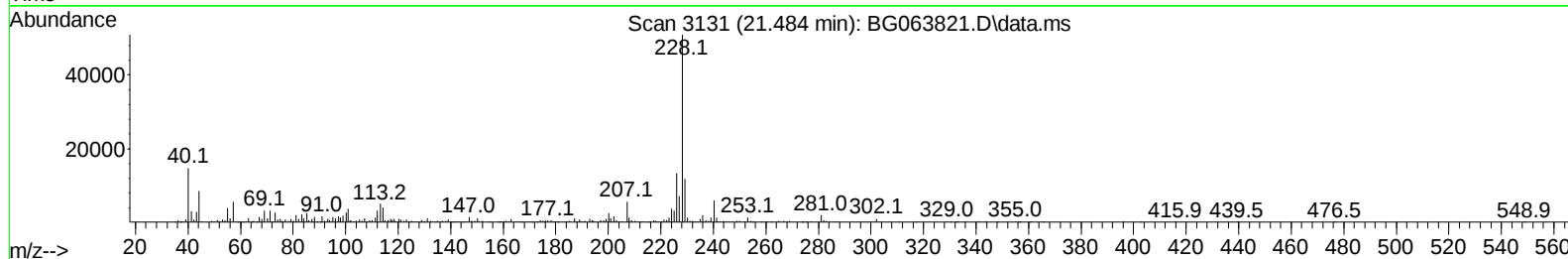
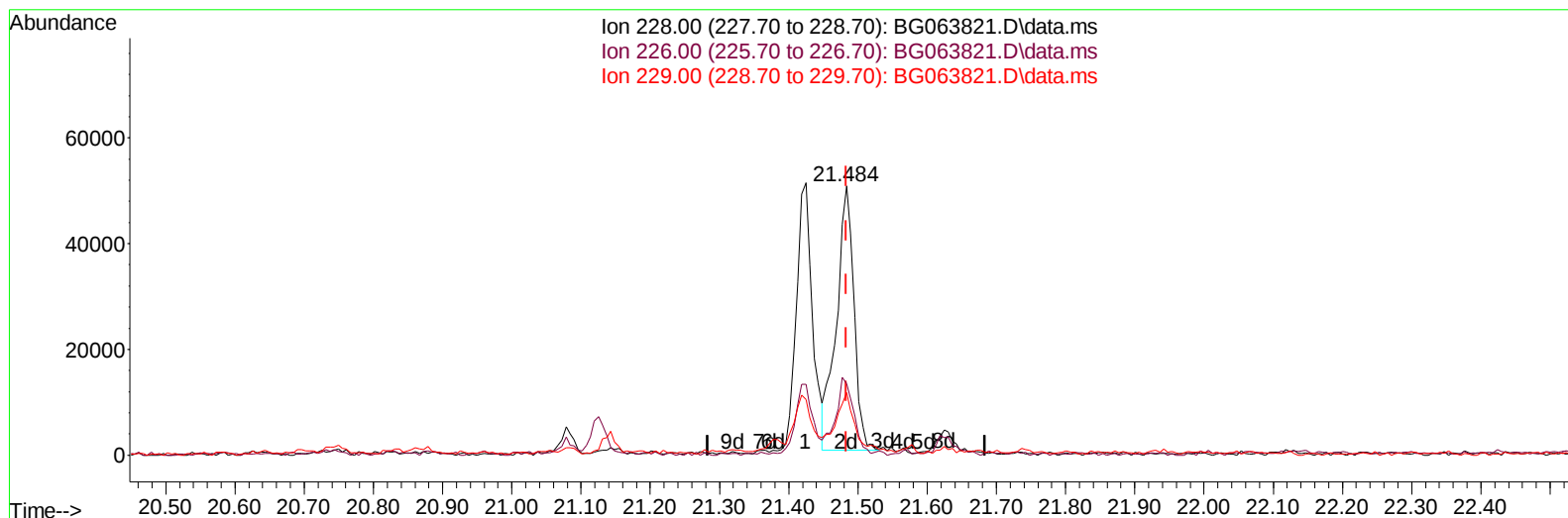
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063821.D
Acq On : 24 Dec 2024 16:06
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Supervised By :mohammad ahmed 12/26/2024



TIC: BG063821.D\data.ms

(87) Chrysene

21.484min (-0.000) 1.75 ng/ul m

response 87409

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	26.47
229.00	18.50	23.19#
0.00	0.00	0.00

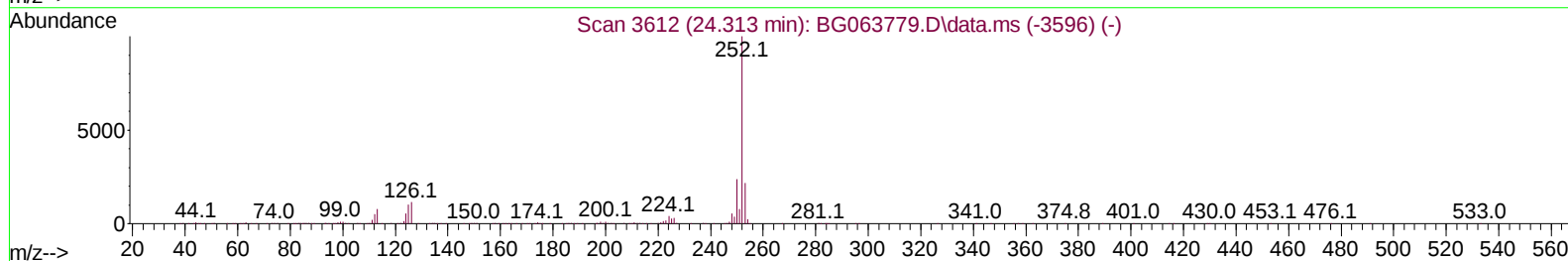
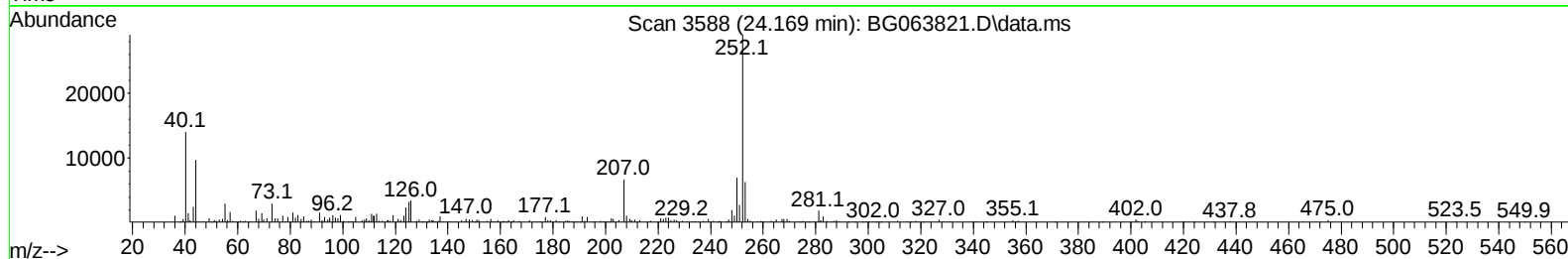
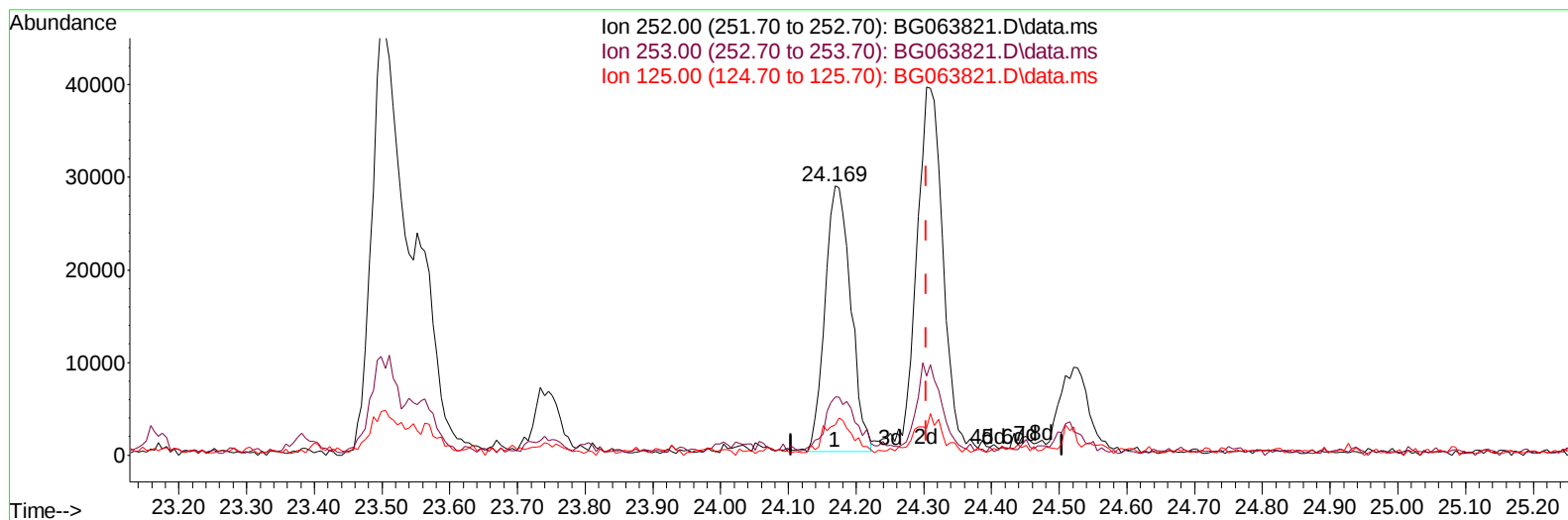
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TIC: BG063821.D\data.ms

(93) Benzo(a)pyrene (C)

24.169min (-0.135) 1.63 ng/u1

response 76032

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.70	21.64
125.00	10.00	11.23
0.00	0.00	0.00

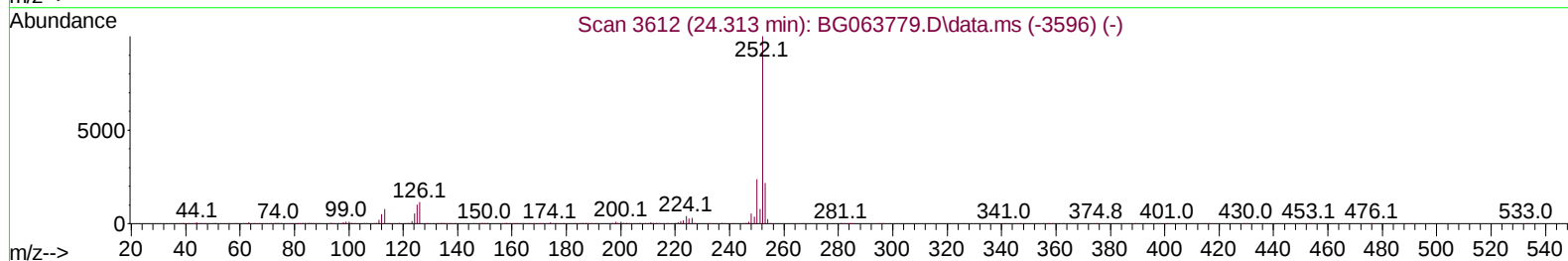
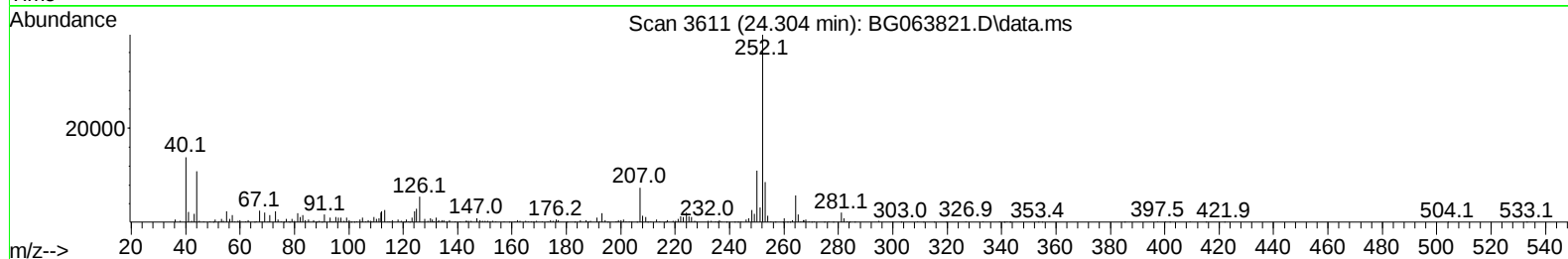
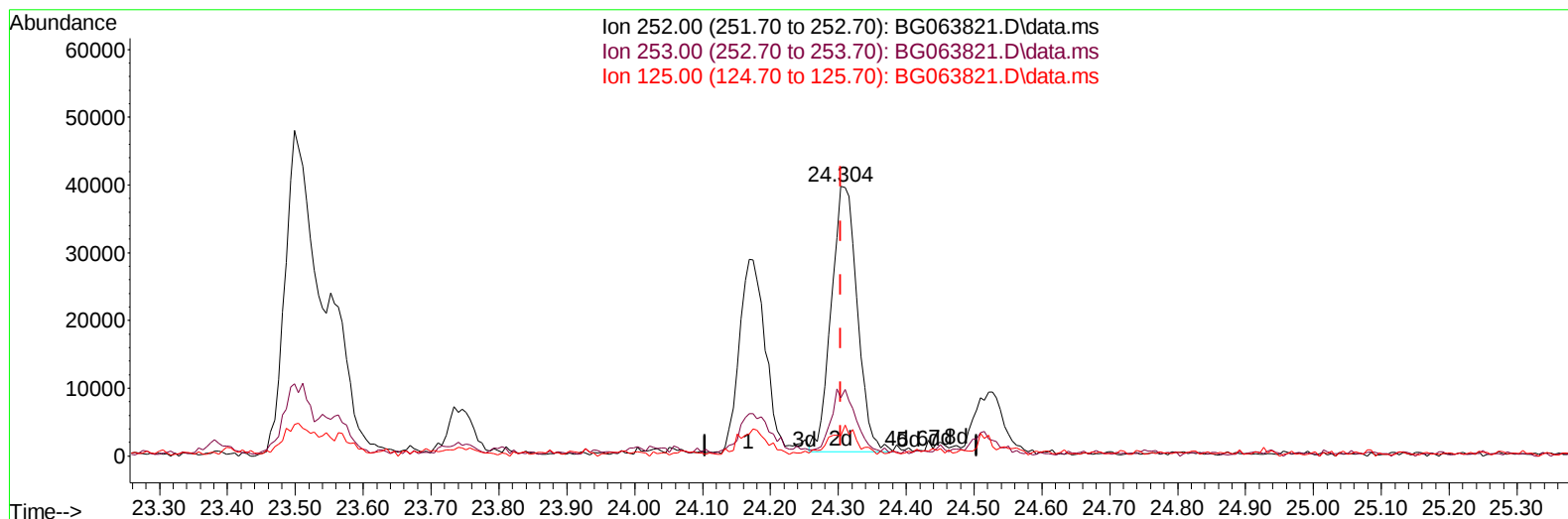
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063821.D
 Acq On : 24 Dec 2024 16:06
 Operator : RC/JU
 Sample : P5333-14
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 25 01:19:30 2024
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Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024



TIC: BG063821.D\data.ms

(93) Benzo(a)pyrene (C)

24.304min (-0.000) 2.23 ng/u1 m

response 104089

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.70	21.54
125.00	10.00	7.40#
0.00	0.00	0.00

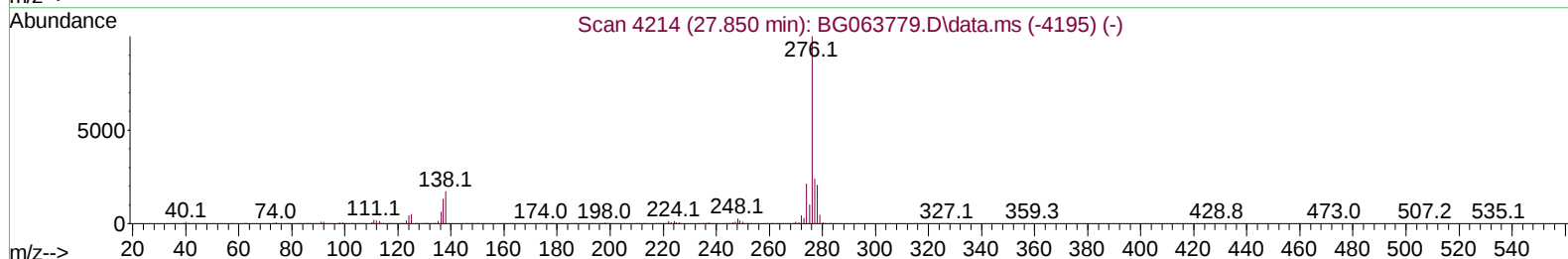
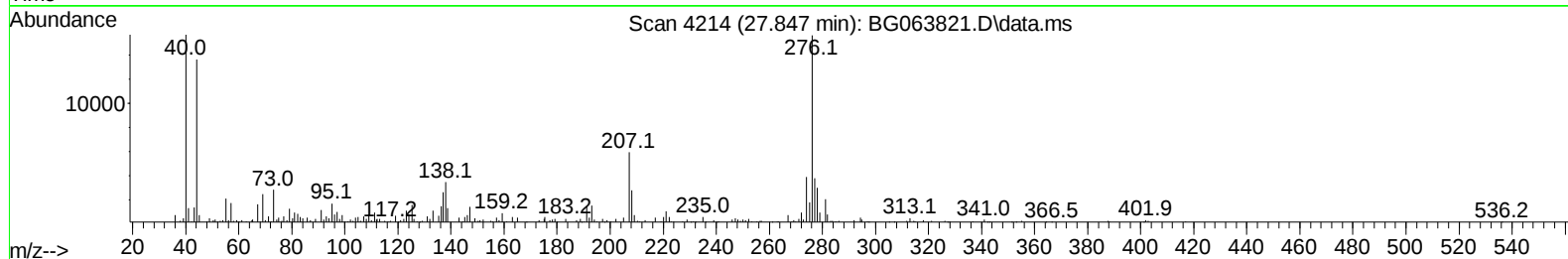
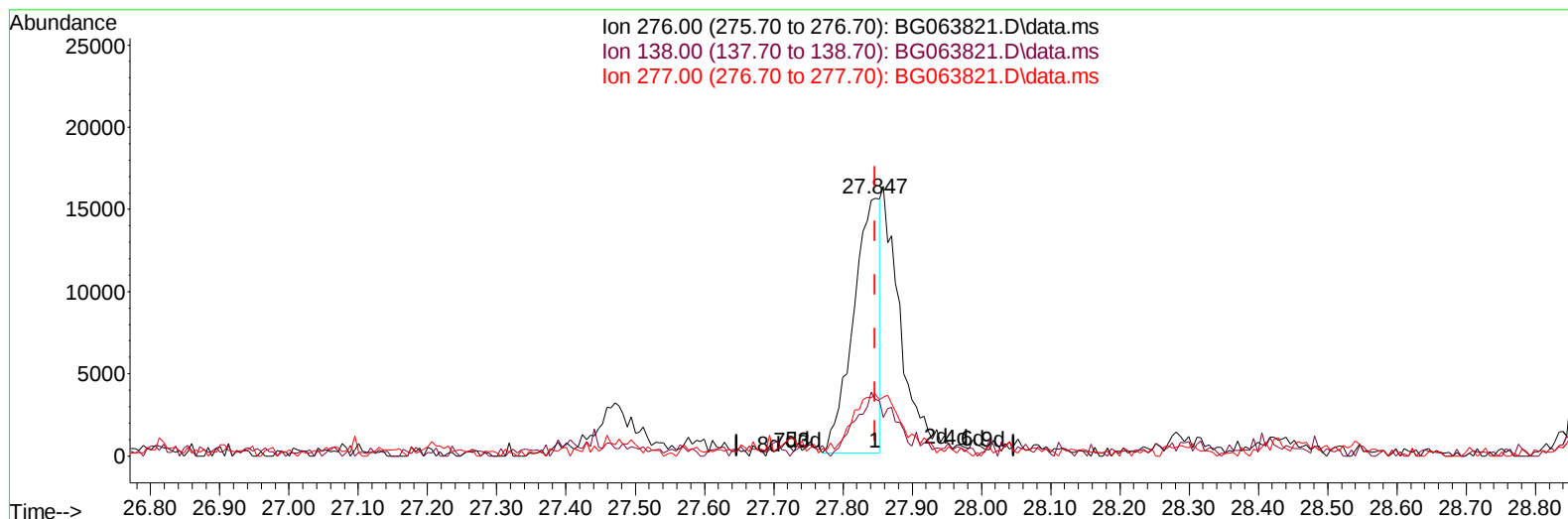
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063821.D
Acq On : 24 Dec 2024 16:06
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063821.D\data.ms

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

27.847min (-0.000) 0.72 ng/u1

response 41393

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.10	22.07#
277.00	23.00	24.08
0.00	0.00	0.00

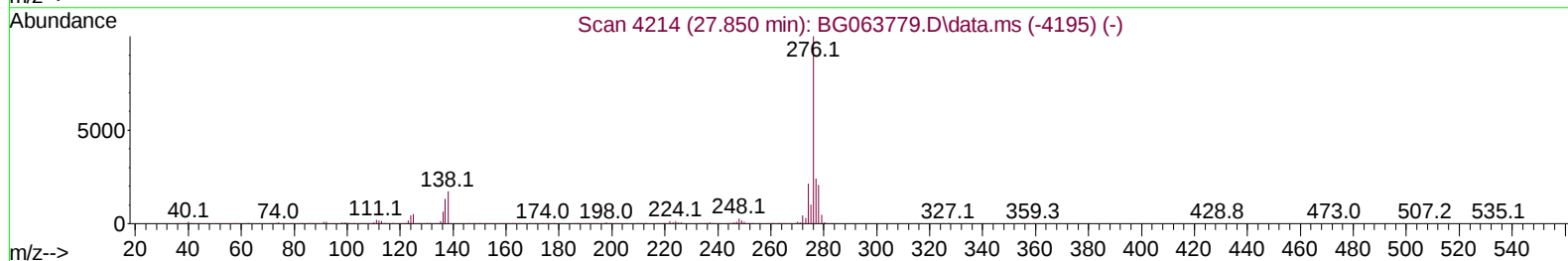
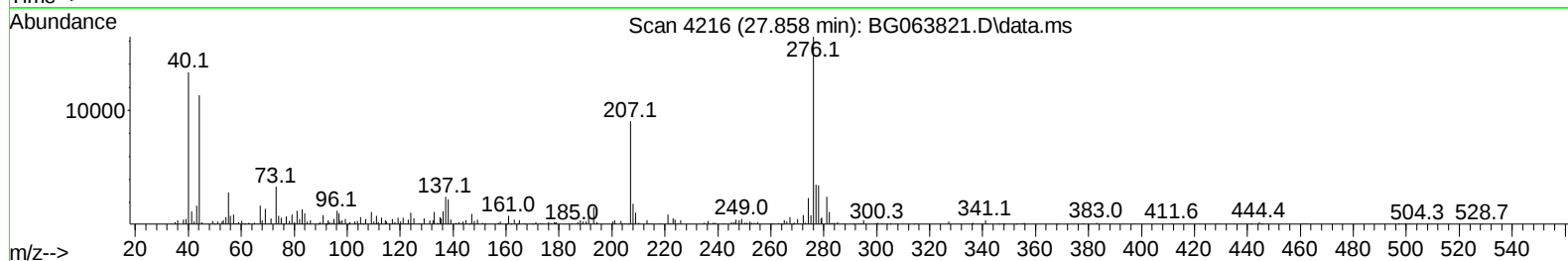
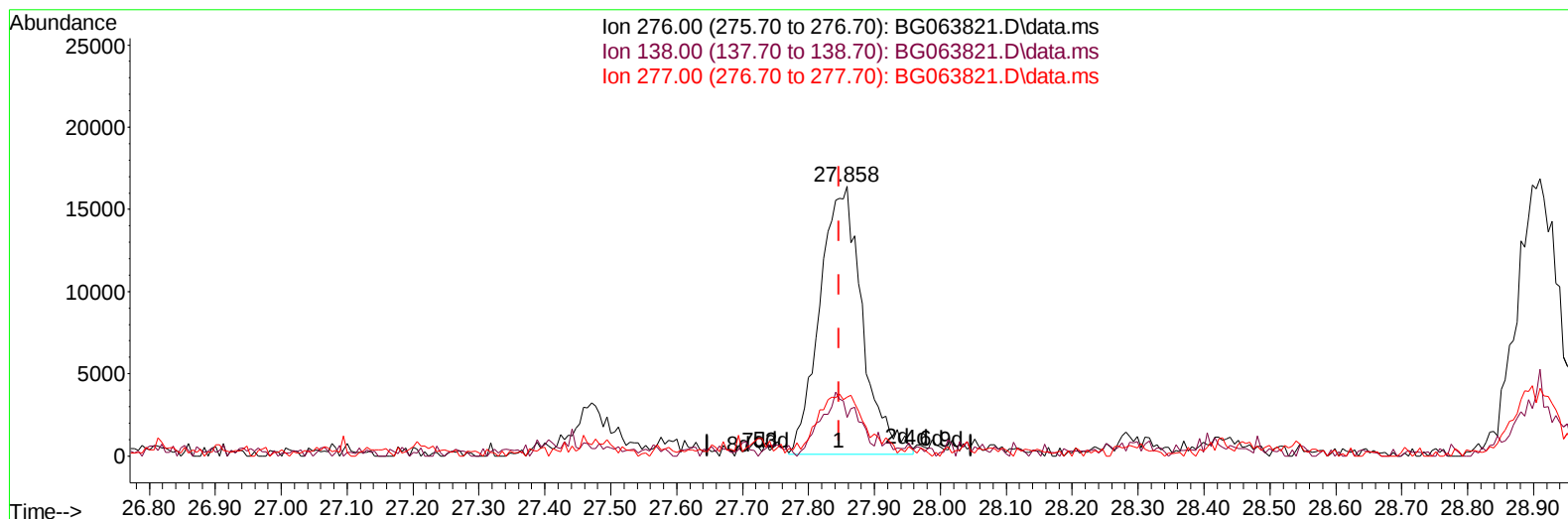
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063821.D
Acq On : 24 Dec 2024 16:06
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 01:19:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration



TIC: BG063821.D\data.ms

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

27.858min (+ 0.012) 1.27 ng/ul m

response 72805

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.10	14.19
277.00	23.00	21.72
0.00	0.00	0.00

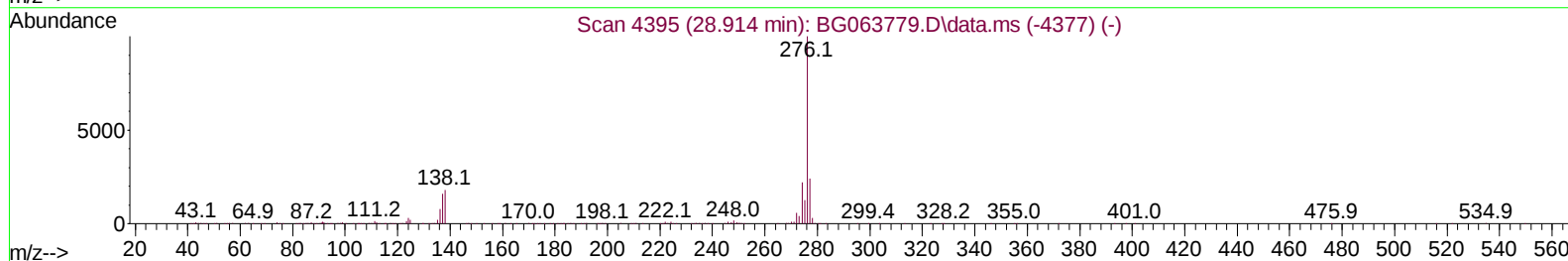
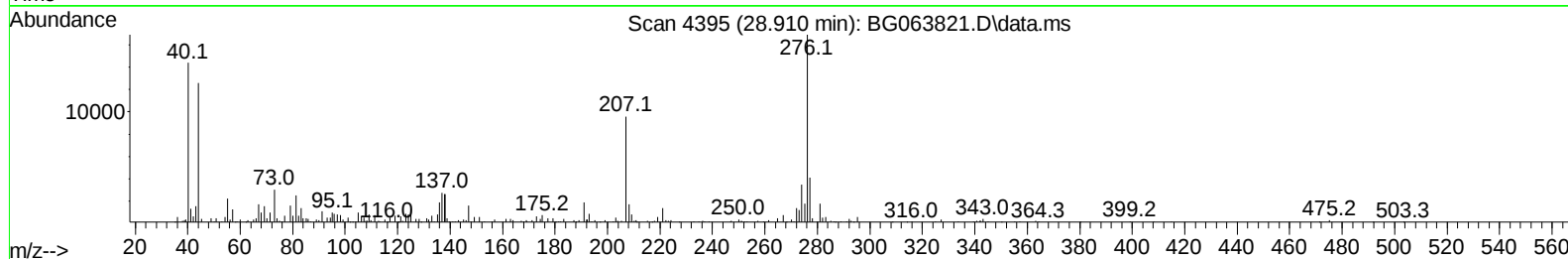
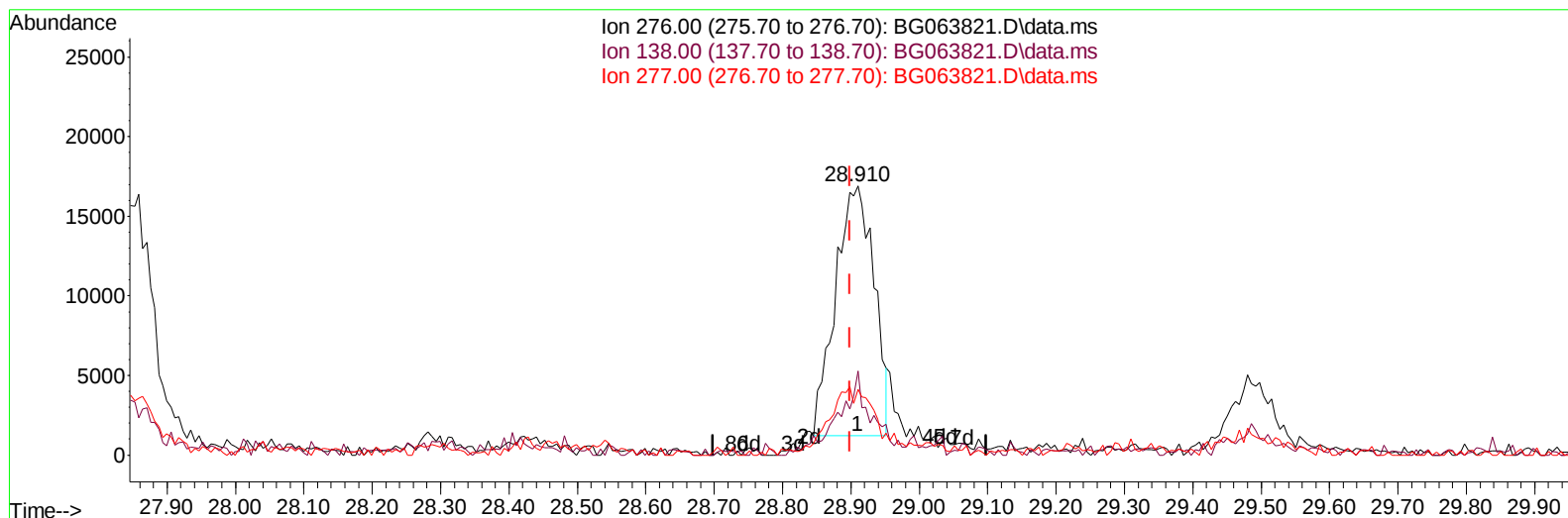
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ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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TIC: BG063821.D\data.ms

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

28.910min (+ 0.012) 1.36 ng/u1

response 61572

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	31.18#
277.00	22.30	24.48
0.00	0.00	0.00

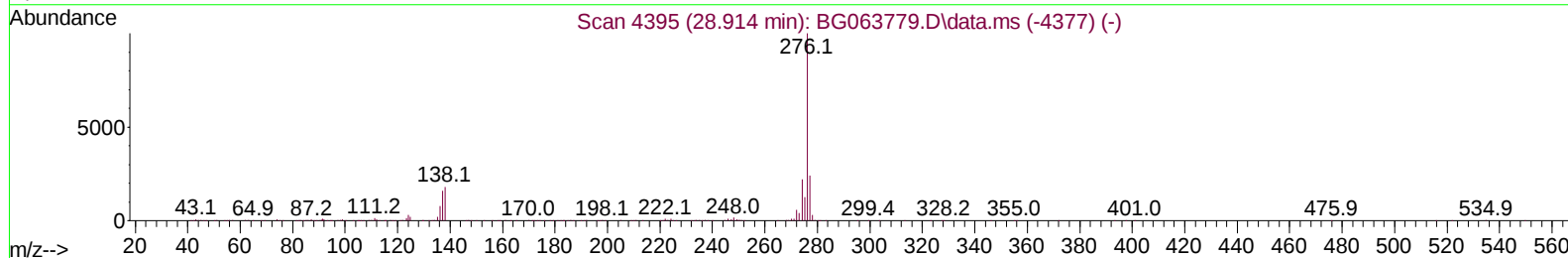
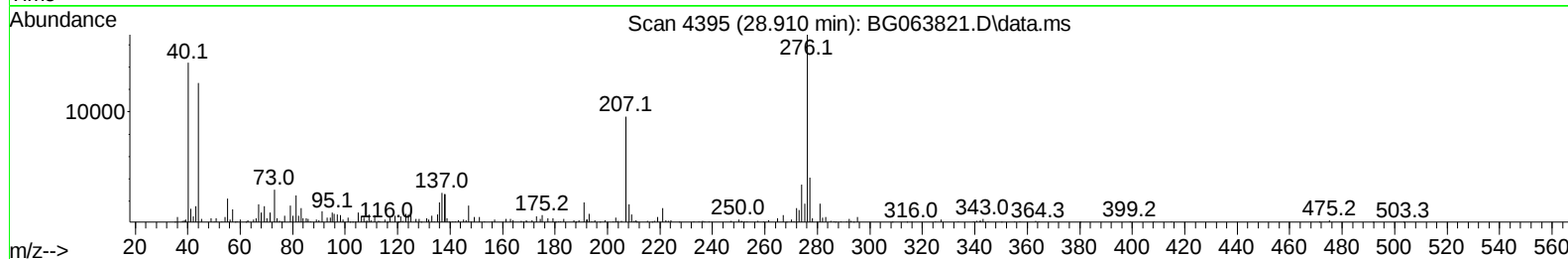
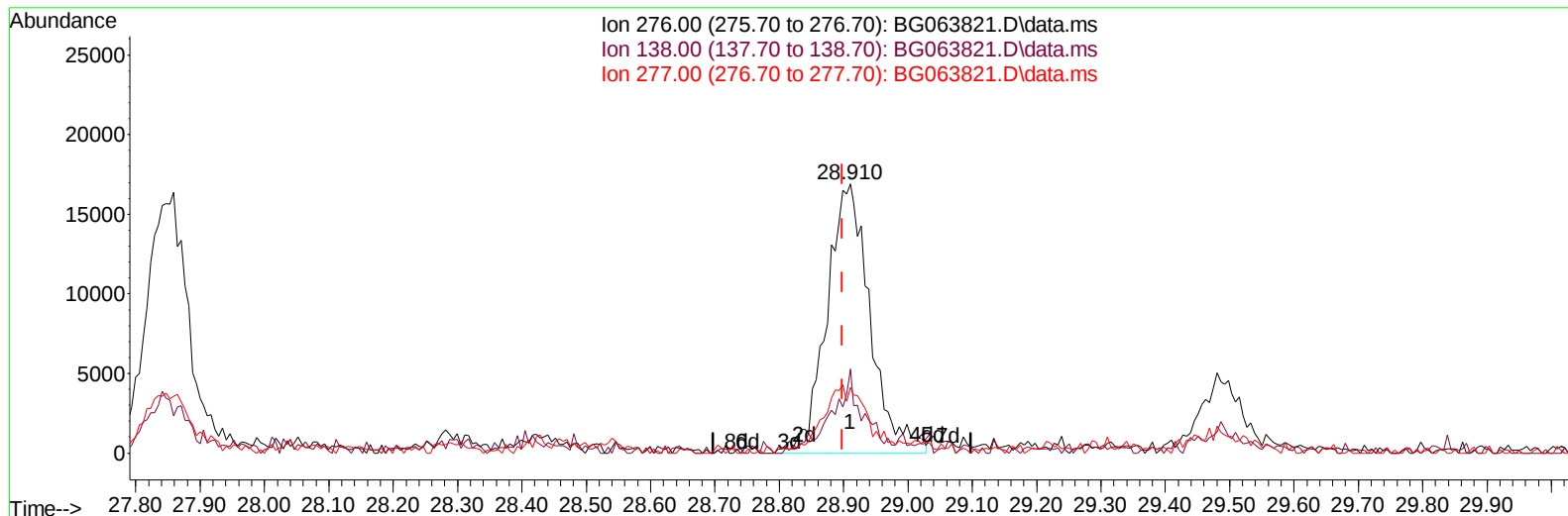
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TIC: BG063821.D\data.ms

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

28.910min (+ 0.012) 1.76 ng/ul m

response 79797

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	15.59
277.00	22.30	24.48
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	105130	20.000	ng/ul	0.00
20) Naphthalene-d8	10.585	136	448304	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	354343	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.189	188	849490	20.000	ng/ul	0.00
79) Chrysene-d12	21.442	240	837359	20.000	ng/ul	0.00
88) Perylene-d12	24.451	264	876921	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	9433m	3.516	ng/uL	0.00
4) Pyridine-d5	3.669	84	145701	17.216	ng/ul	0.00
7) Phenol-d5	6.989	99	196502	20.295	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	131069	19.600	ng/ul	0.00
11) 2-Chlorophenol-d4	7.335	132	129125	20.599	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	138313	18.399	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	68750	21.478	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	80500	22.436	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.220	165	151820	21.854	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	162721	18.448	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	539883	22.391	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	596913	21.717	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	57797	16.918	ng/ul	0.00
60) Fluorene-d10	15.438	176	453087	21.254	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.567	200	48747	11.052	ng/ul	0.00
73) Anthracene-d10	17.288	188	748326	20.489	ng/ul	0.00
81) Pyrene-d10	19.592	212	854094	19.601	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.245	264	644908	15.660	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.018	94	11865	1.150	ng/ul#	93
72) Phenanthrene	17.230	178	41656	1.018	ng/ul	96
80) Fluoranthene	19.257	202	113209	2.286	ng/ul#	96
82) Pyrene	19.615	202	113302	2.150	ng/ul#	94
85) Benzo(a)anthracene	21.425	228	83743	1.596	ng/ul	98
87) Chrysene	21.484	228	87409m	1.748	ng/ul	
90) Benzo(b)fluoranthene	23.499	252	142317	2.855	ng/ul	99
93) Benzo(a)pyrene	24.304	252	104089m	2.225	ng/ul	
94) Indeno(1,2,3-cd)pyrene	27.858	276	72805m	1.274	ng/ul	
96) Benzo(g,h,i)perylene	28.910	276	79797m	1.760	ng/ul	

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

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