

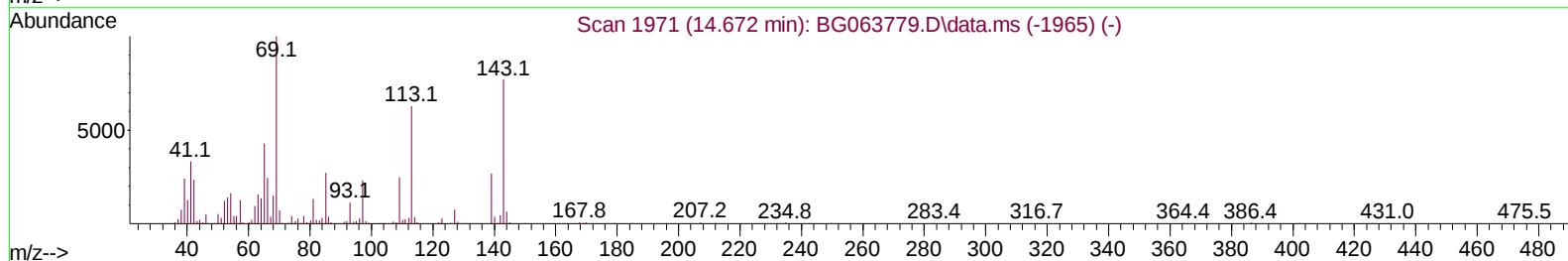
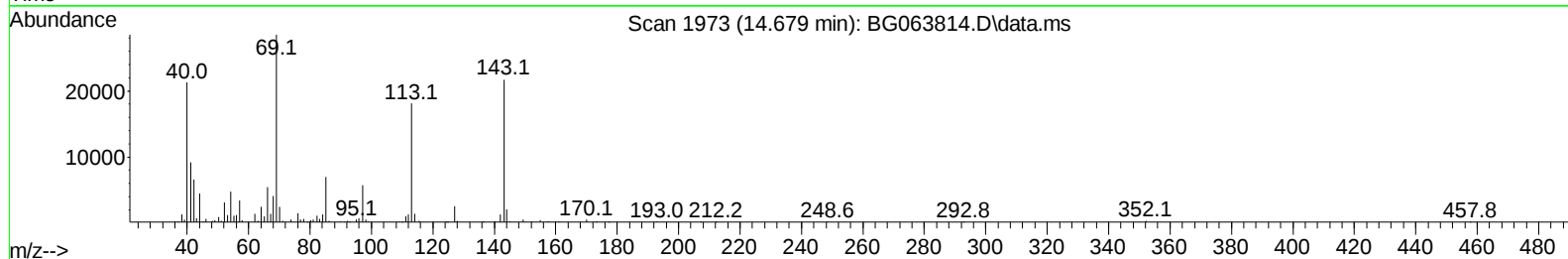
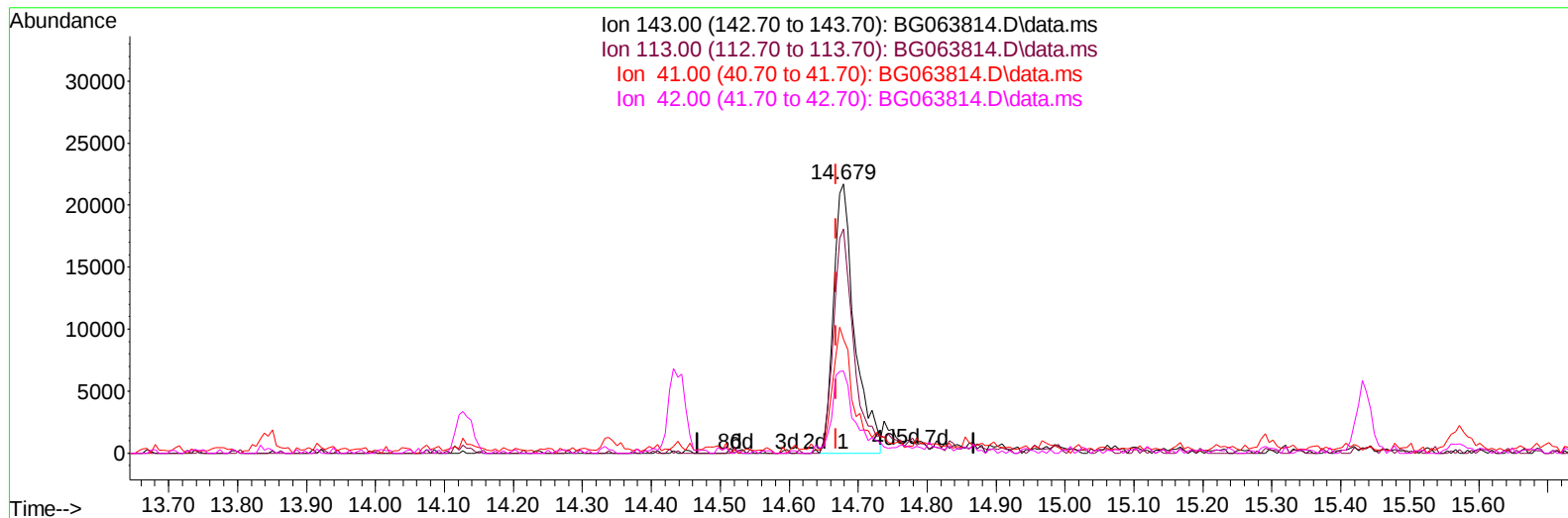
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063814.D
Acq On : 24 Dec 2024 11:06
Operator : RC/JU
Sample : P5333-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2914

Manual IntegrationsAPPROVED

Quant Time: Dec 25 00:40:19 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

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



TIC: BG063814.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.679min (+ 0.011) 13.46 ng/u1

response 45960

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	89.70	83.40
41.00	48.20	42.36
42.00	26.60	30.45

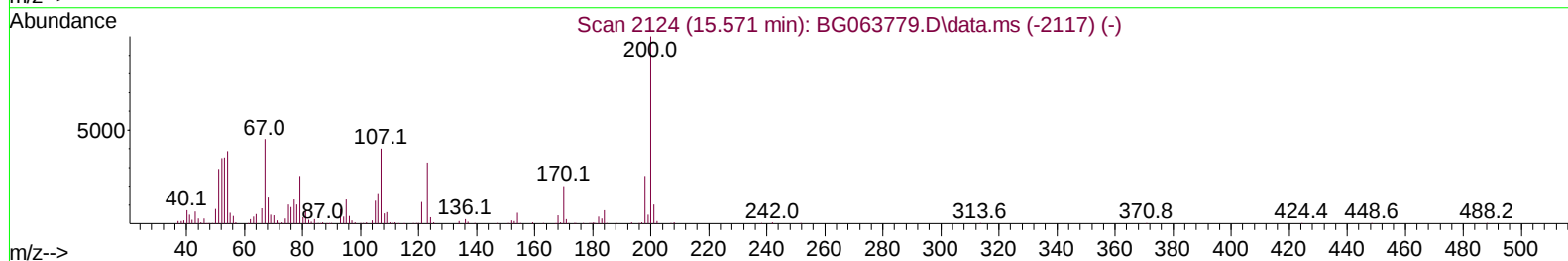
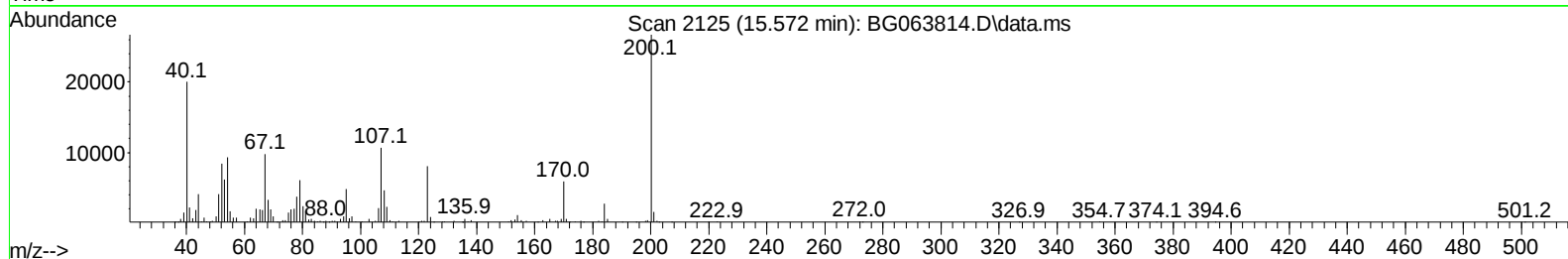
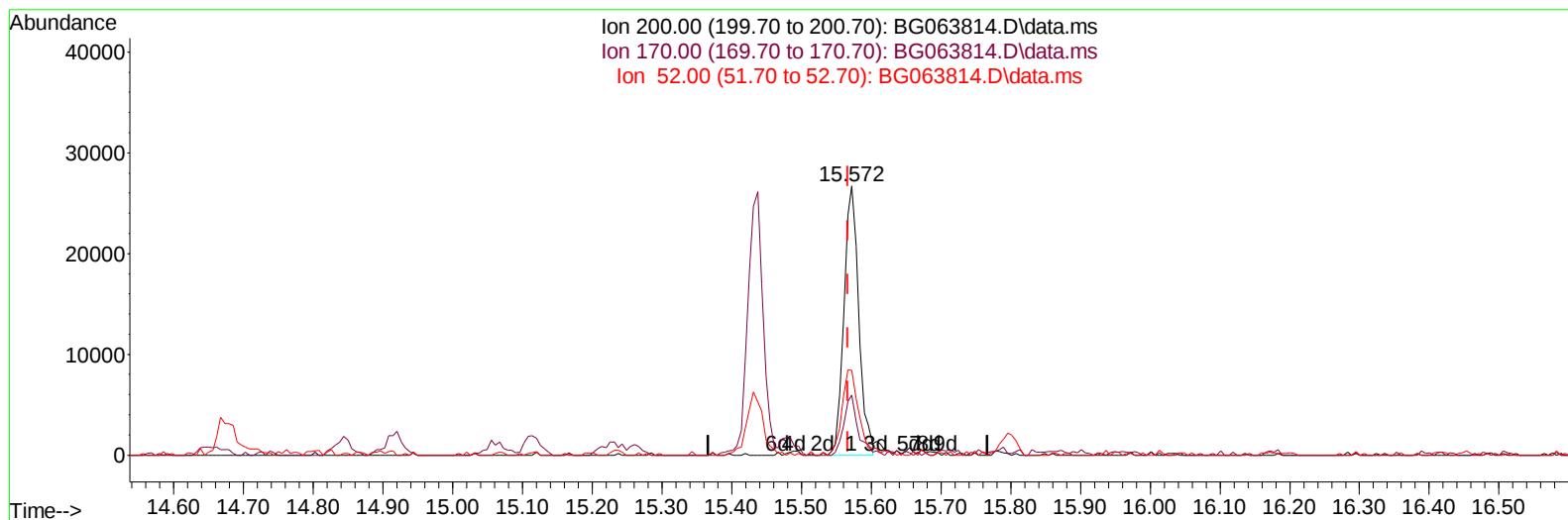
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
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TIC: BG063814.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.572min (+ 0.005) 9.11 ng/u1

response 39190

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	22.22
52.00	43.10	31.51#
0.00	0.00	0.00

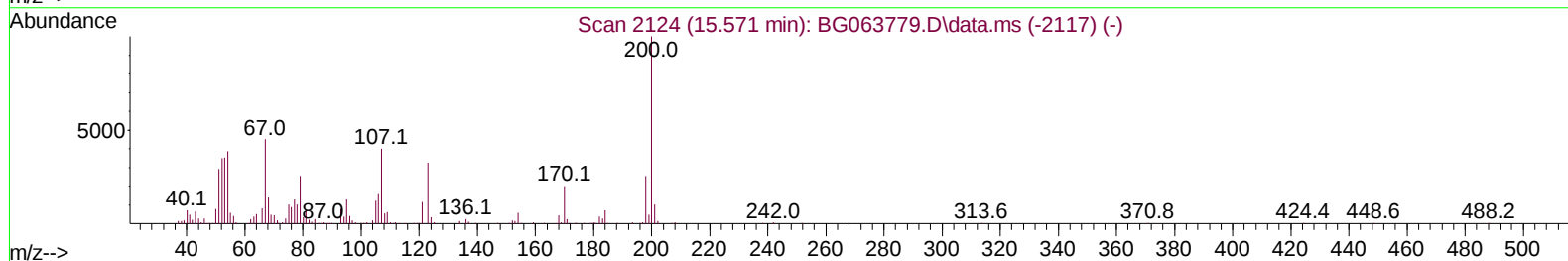
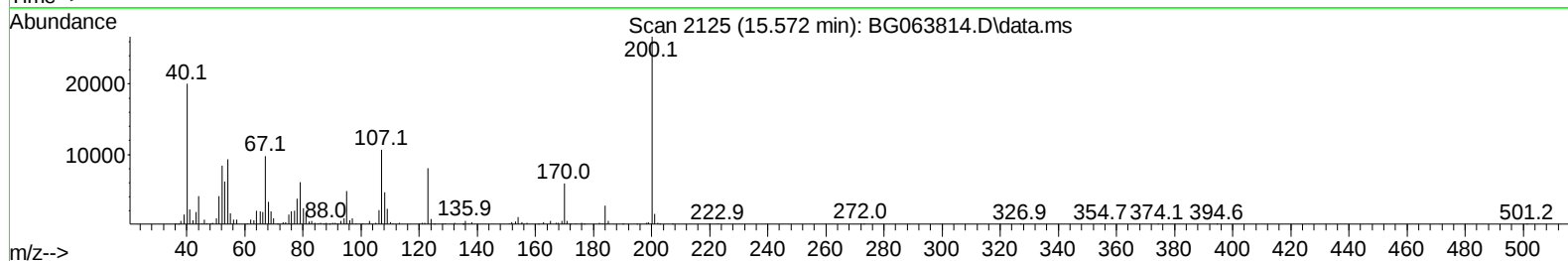
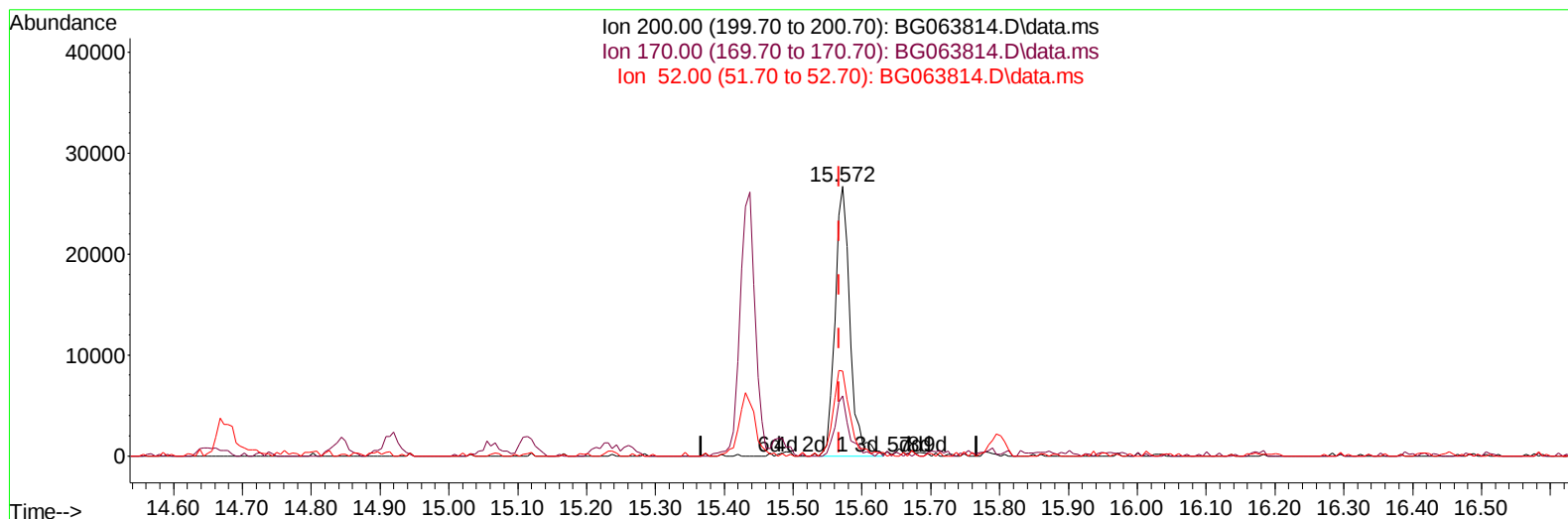
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063814.D
 Acq On : 24 Dec 2024 11:06
 Operator : RC/JU
 Sample : P5333-12
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BG063814.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.572min (+ 0.005) 9.41 ng/ul m

response 40461

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	22.22
52.00	43.10	31.51#
0.00	0.00	0.00

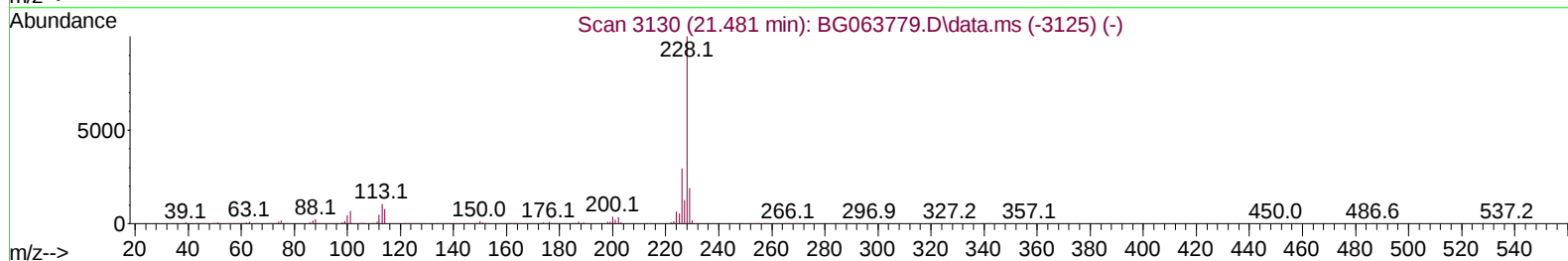
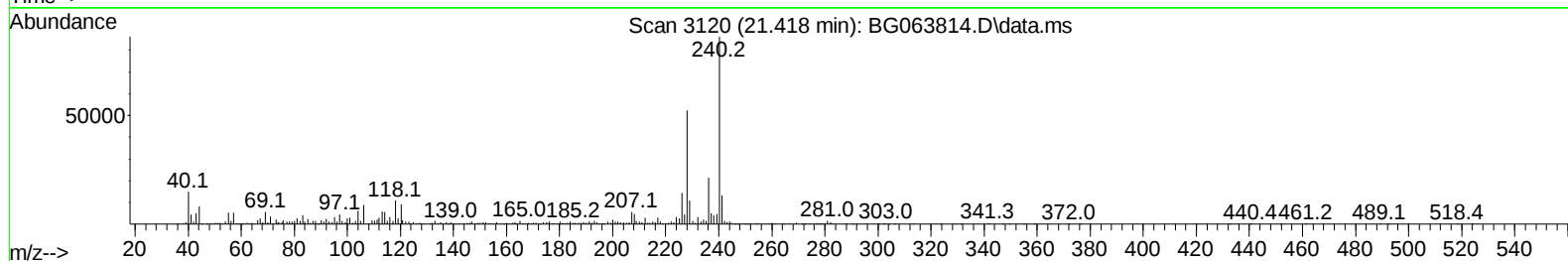
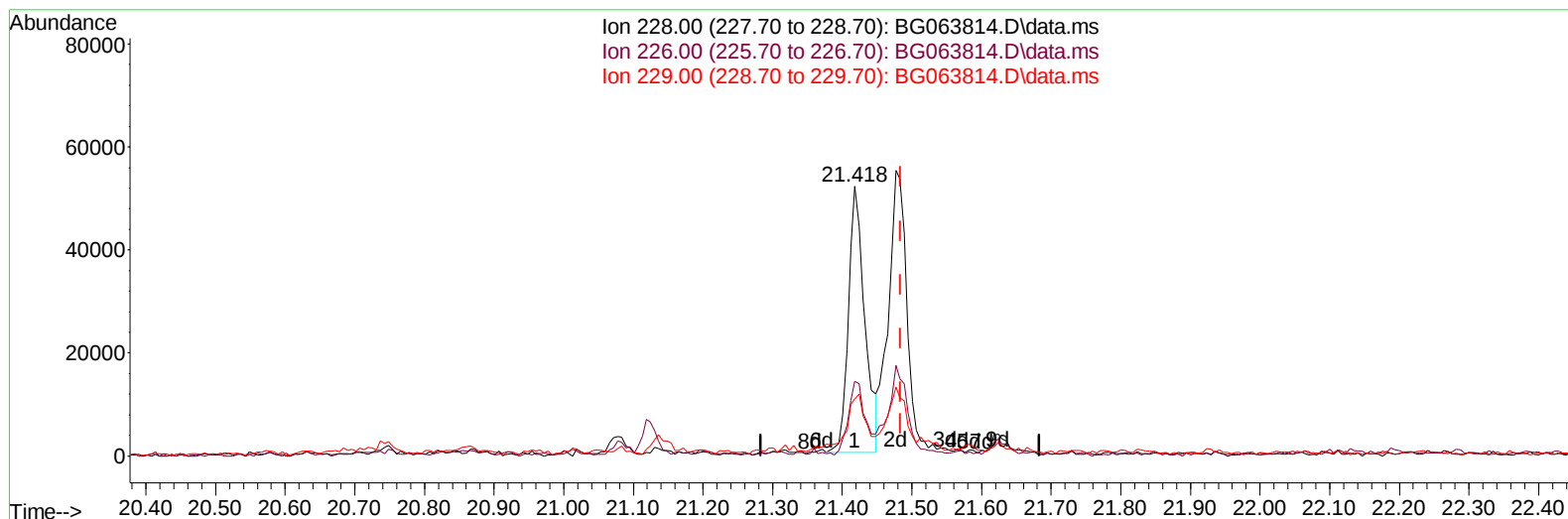
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
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Sample : P5333-12
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BG063814.D\data.ms

(87) Chrysene

21.418min (-0.065) 1.69 ng/u1

response 83949

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	27.72
229.00	18.50	21.10
0.00	0.00	0.00

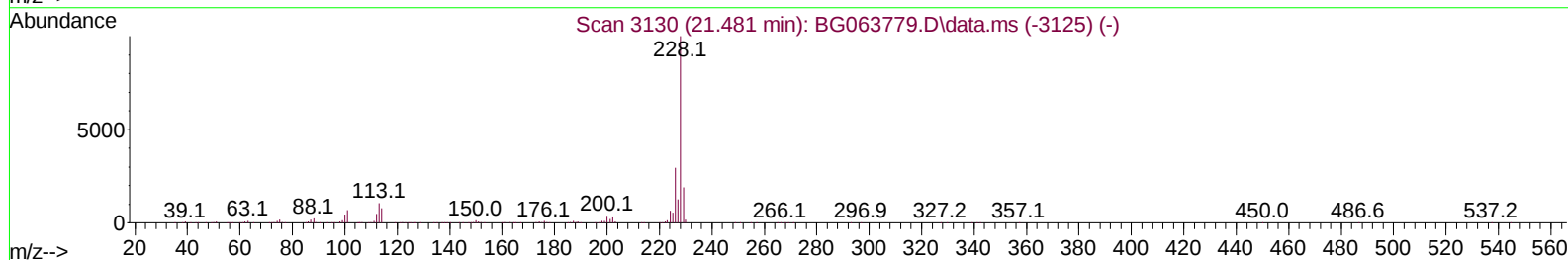
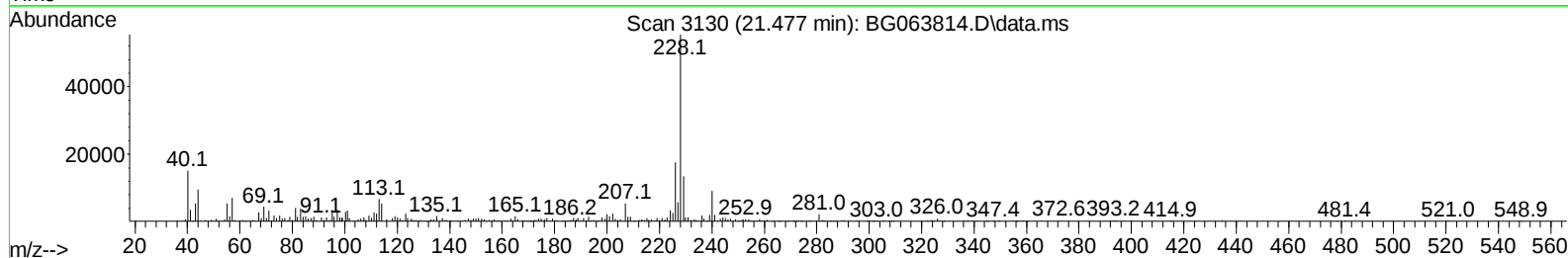
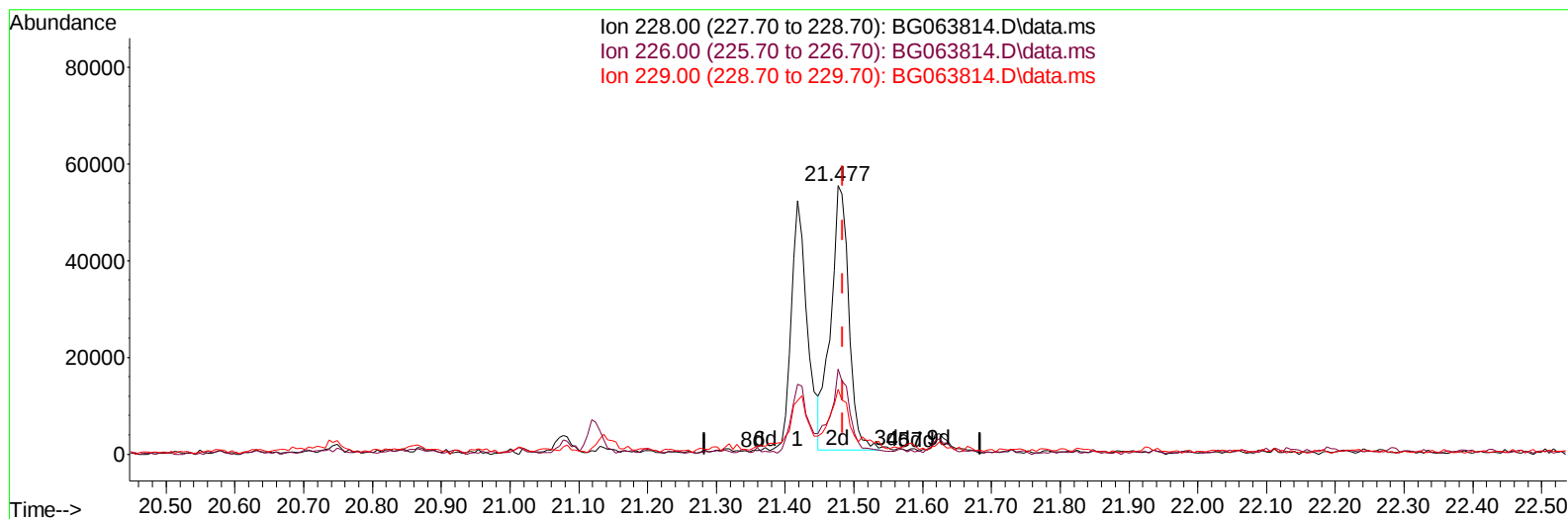
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063814.D
Acq On : 24 Dec 2024 11:06
Operator : RC/JU
Sample : P5333-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Dec 25 00:40:19 2024
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Supervised By :mohammad ahmed 12/26/2024



TIC: BG063814.D\data.ms

(87) Chrysene

21.477min (-0.007) 2.02 ng/u1 m

response 100527

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	31.66
229.00	18.50	24.14#
0.00	0.00	0.00

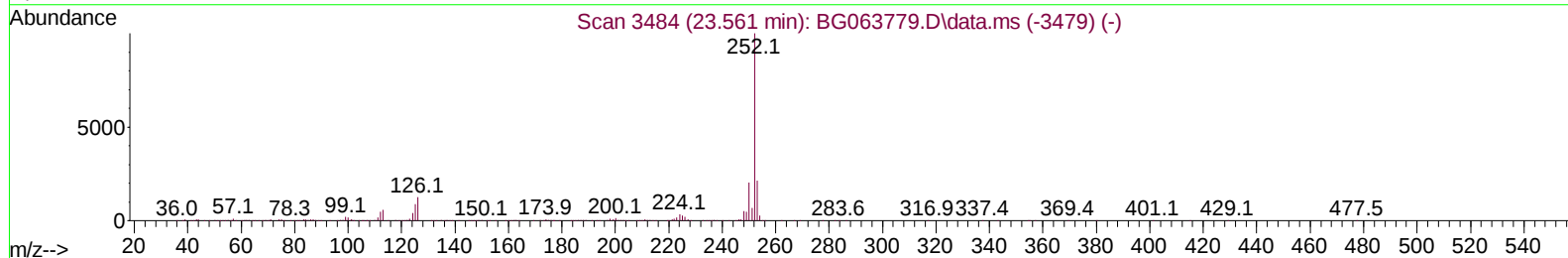
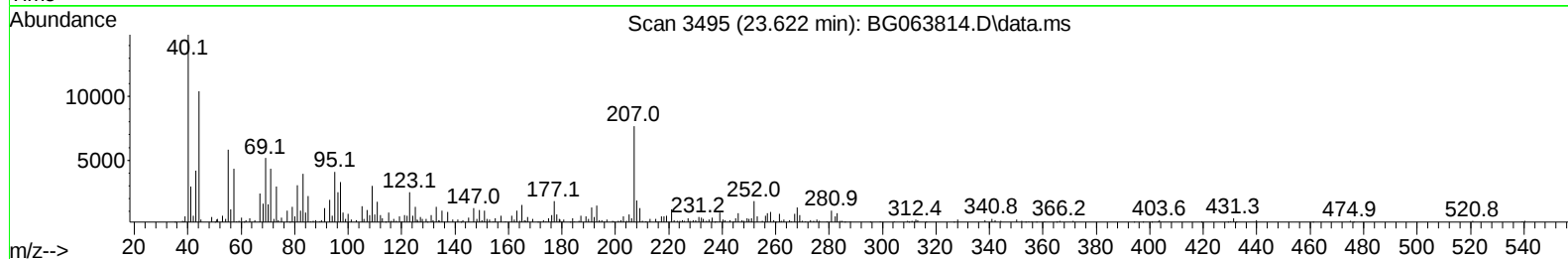
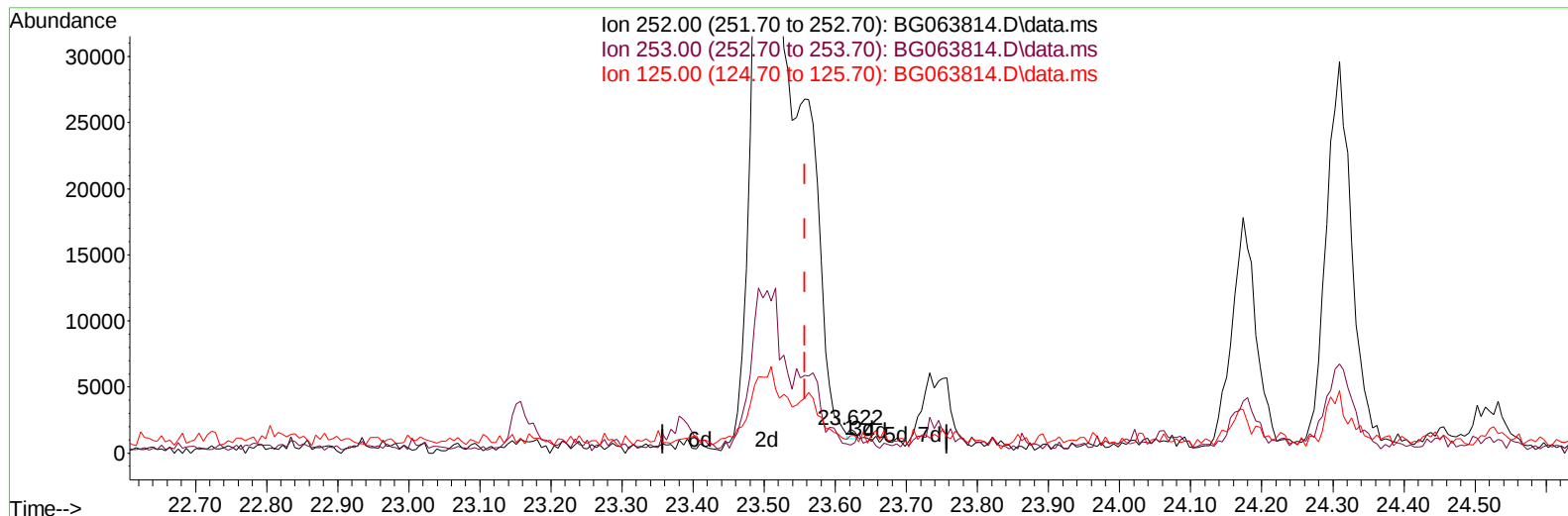
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063814.D
Acq On : 24 Dec 2024 11:06
Operator : RC/JU
Sample : P5333-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2914

Manual IntegrationsAPPROVED

Quant Time: Dec 25 00:40:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
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Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063814.D\data.ms

(91) Benzo(k)fluoranthene

23.622min (+ 0.064) 0.01 ng/u1

response 454

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	32.46#
125.00	8.10	74.94#
0.00	0.00	0.00

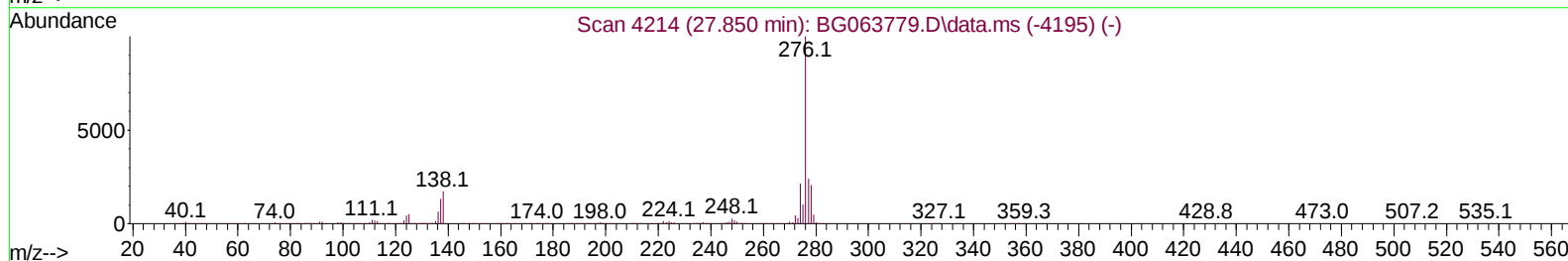
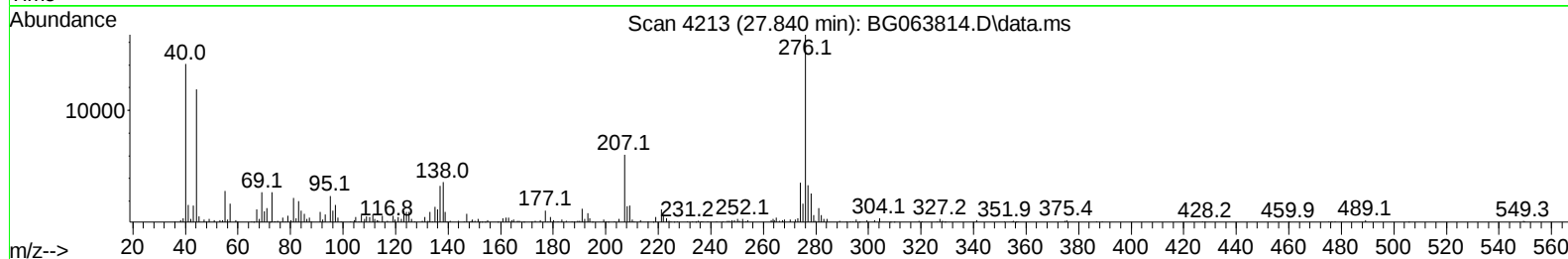
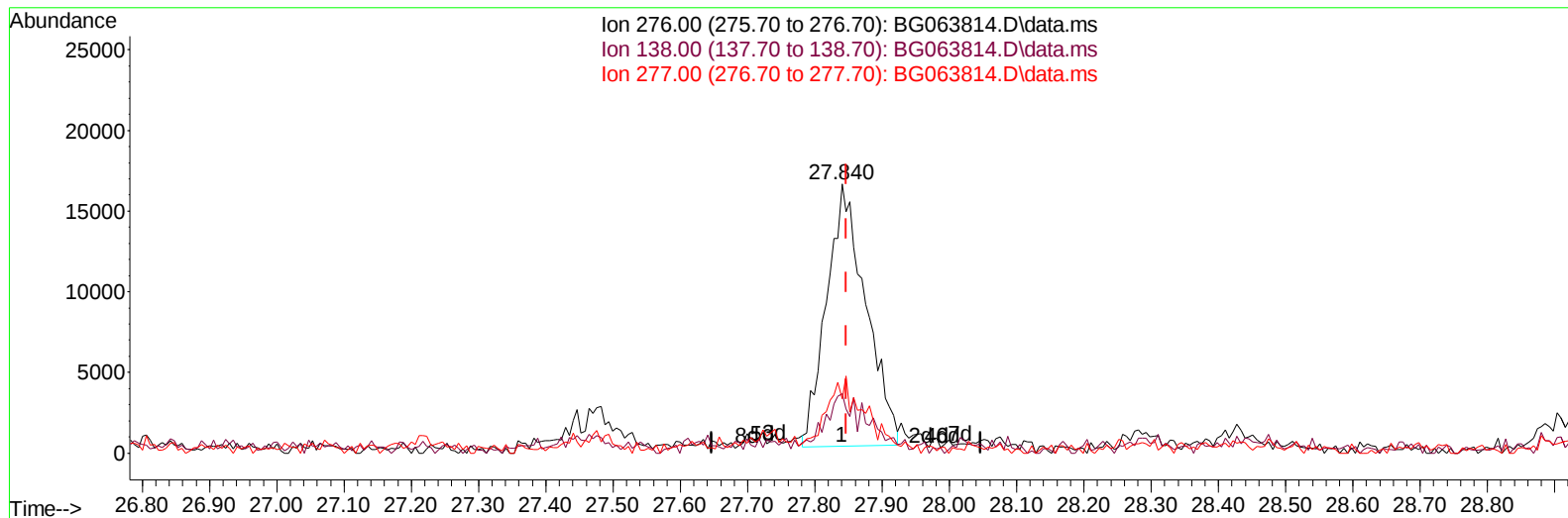
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
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Operator : RC/JU
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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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TIC: BG063814.D\data.ms

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

27.840min (-0.007) 1.16 ng/u1

response 65747

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.10	22.03#
277.00	23.00	20.23
0.00	0.00	0.00

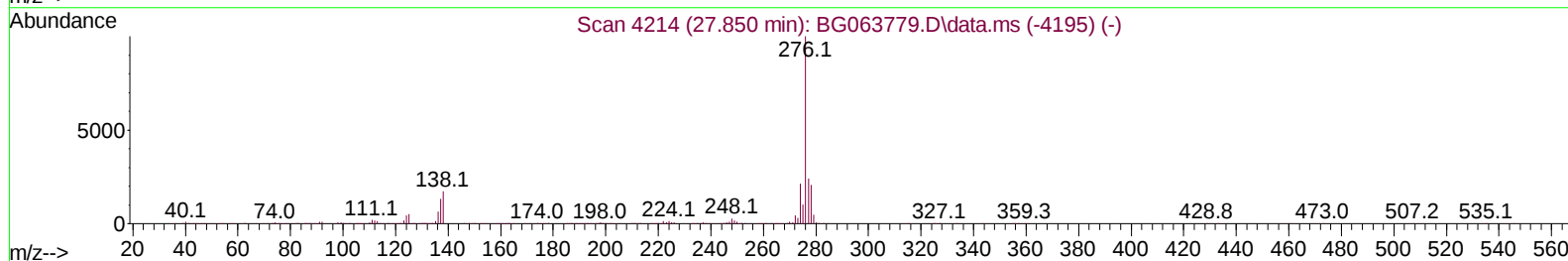
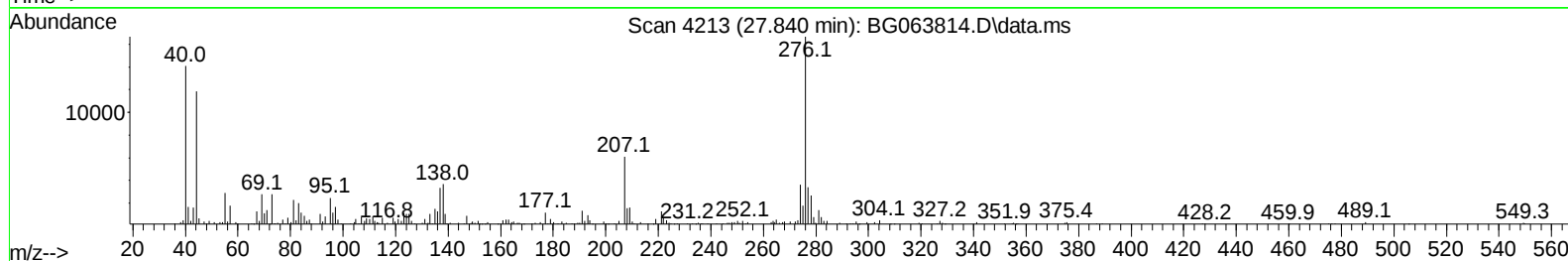
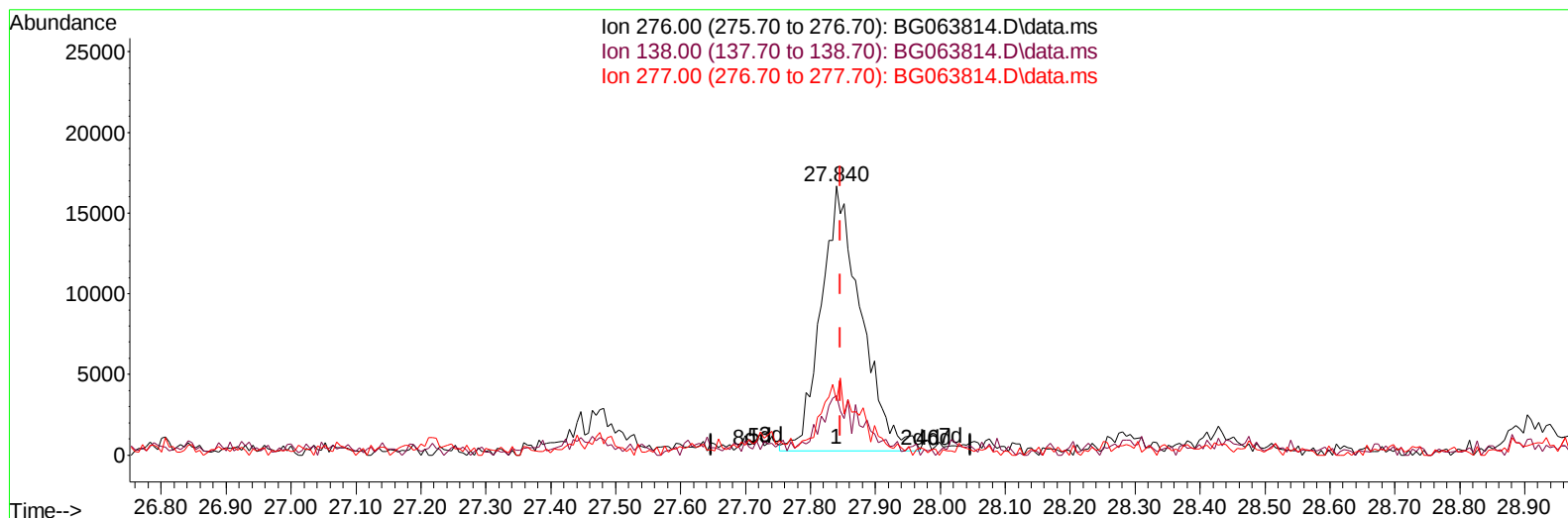
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063814.D
Acq On : 24 Dec 2024 11:06
Operator : RC/JU
Sample : P5333-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2914

Manual IntegrationsAPPROVED

Quant Time: Dec 25 00:40:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
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Supervised By :mohammad ahmed 12/26/2024



TIC: BG063814.D\data.ms

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

27.840min (-0.007) 1.25 ng/ul m

response 70602

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.10	22.03#
277.00	23.00	20.23
0.00	0.00	0.00

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 Data File : BG063814.D
 Acq On : 24 Dec 2024 11:06
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 Sample : P5333-12
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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 E2914

Manual IntegrationsAPPROVED

Quant Time: Dec 25 00:47:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	105628	20.000	ng/ul	0.00
20) Naphthalene-d8	10.584	136	446012	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.438	164	354285	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.188	188	828229	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.436	240	832117	20.000	ng/ul	# 0.00
88) Perylene-d12	24.456	264	867925	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	7141	2.649	ng/uL	0.00
4) Pyridine-d5	3.668	84	45632	5.367	ng/ul	0.00
7) Phenol-d5	6.982	99	152505	15.677	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.129	67	104001	15.479	ng/ul	0.00
11) 2-Chlorophenol-d4	7.335	132	98401	15.624	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	78438	10.385	ng/ul	0.00
21) Nitrobenzene-d5	8.950	128	50527	15.866	ng/ul	0.00
24) 2-Nitrophenol-d4	9.673	143	65110	18.240	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.225	165	115921	16.773	ng/ul	0.00
31) 4-Chloroaniline-d4	10.731	131	81221	9.255	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	431955	17.918	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	452092	16.451	ng/ul	0.00
54) 4-Nitrophenol-d4	14.679	143	51010m	14.934	ng/ul	0.01
60) Fluorene-d10	15.431	176	335072	15.720	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.572	200	40461m	9.409	ng/ul	0.00
73) Anthracene-d10	17.288	188	553865	15.554	ng/ul	0.00
81) Pyrene-d10	19.585	212	490956	11.338	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.244	264	232915	5.715	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.017	94	20555	1.983	ng/ul	94
16) Acetophenone	8.616	105	83293	6.502	ng/ul	93
72) Phenanthrene	17.229	178	65996	1.654	ng/ul	99
80) Fluoranthene	19.250	202	104092	2.115	ng/ul	98
82) Pyrene	19.614	202	92539	1.767	ng/ul#	92
85) Benzo(a)anthracene	21.418	228	85478	1.639	ng/ul	98
87) Chrysene	21.477	228	100527m	2.023	ng/ul	
90) Benzo(b)fluoranthene	23.504	252	162615	3.297	ng/ul	99
91) Benzo(k)fluoranthene	23.557	252	62100m	1.262	ng/ul	
93) Benzo(a)pyrene	24.309	252	70894	1.531	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	27.840	276	70602m	1.249	ng/ul	

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

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