

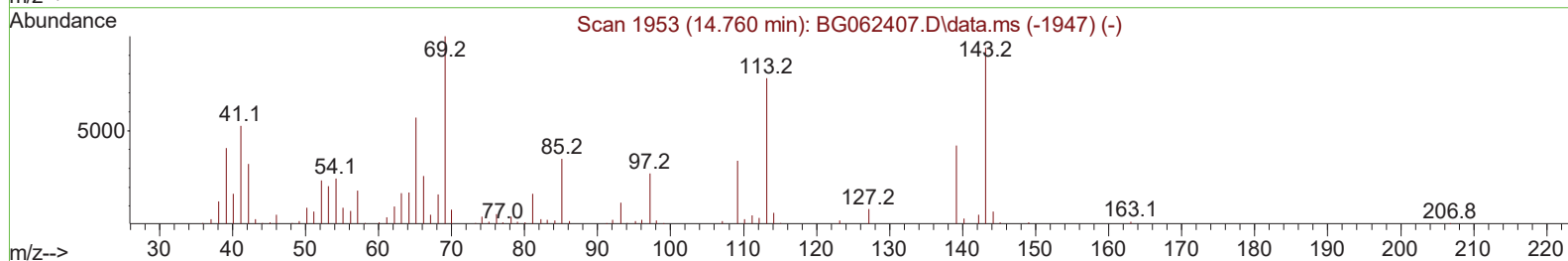
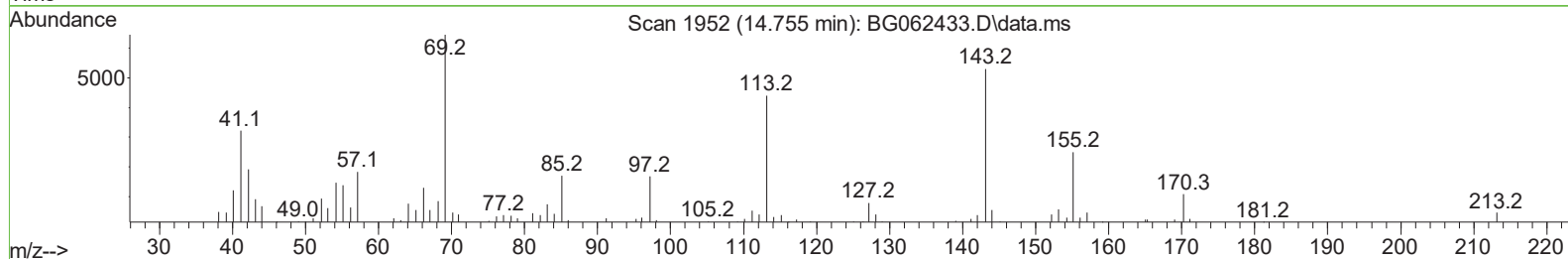
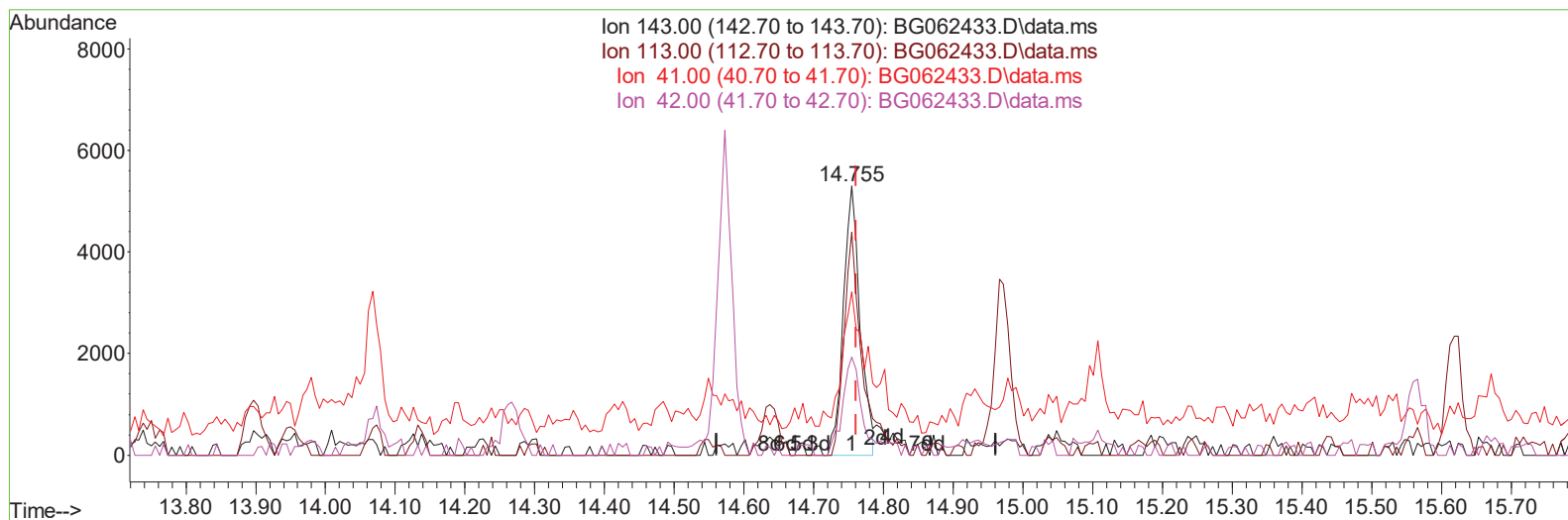
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
Data File : BG062433.D
Acq On : 16 Aug 2024 2:55
Operator : MA/JU
Sample : P3481-07DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E0AE9DL

Manual IntegrationsAPPROVED

Quant Time: Aug 16 04:11:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:31:21 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



TIC: BG062433.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.755min (-0.007) 2.78 ng/u1

response 8818

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.80	82.99
41.00	46.70	60.81#
42.00	32.10	36.38

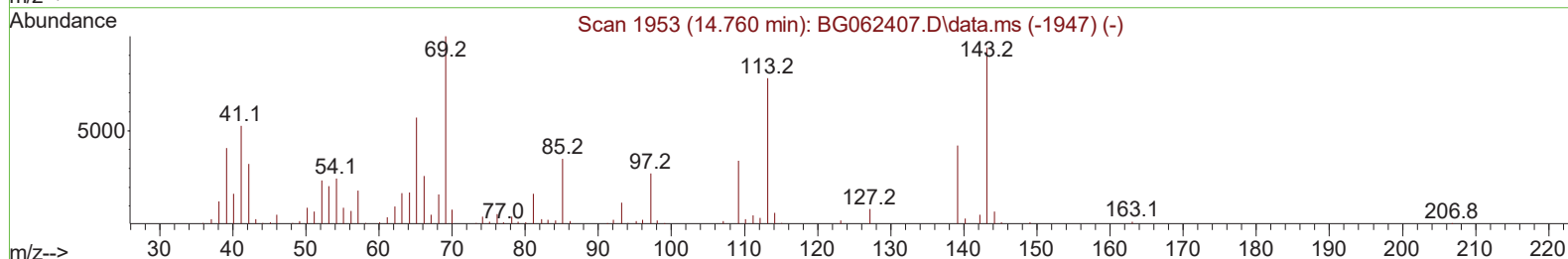
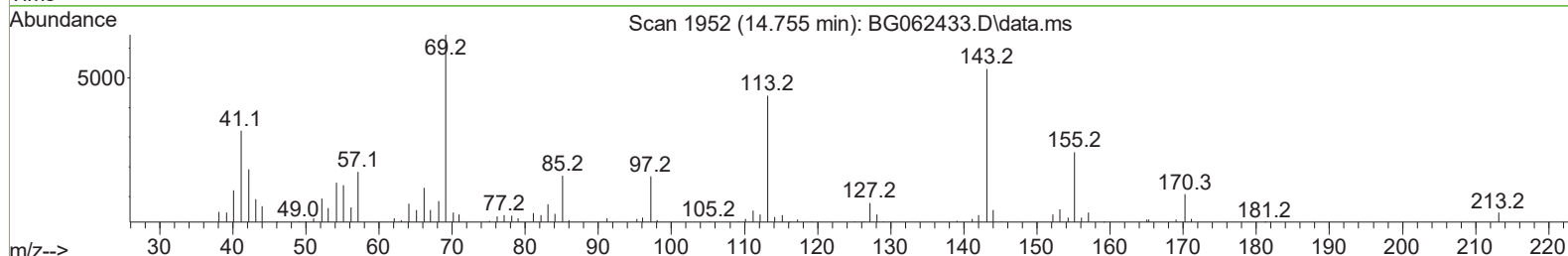
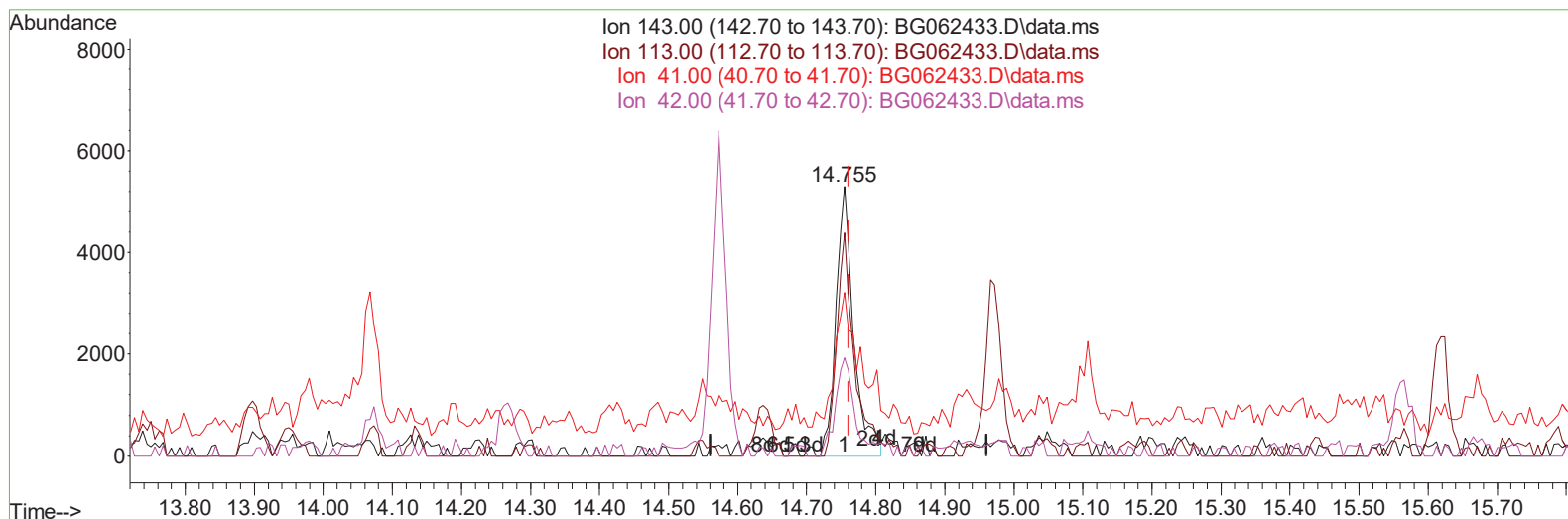
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
Data File : BG062433.D
Acq On : 16 Aug 2024 2:55
Operator : MA/JU
Sample : P3481-07DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E0AE9DL

Manual IntegrationsAPPROVED

Quant Time: Aug 16 04:11:02 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:31:21 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



TIC: BG062433.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.755min (-0.007) 2.98 ng/ul m

response 9454

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.80	82.99
41.00	46.70	60.81#
42.00	32.10	36.38

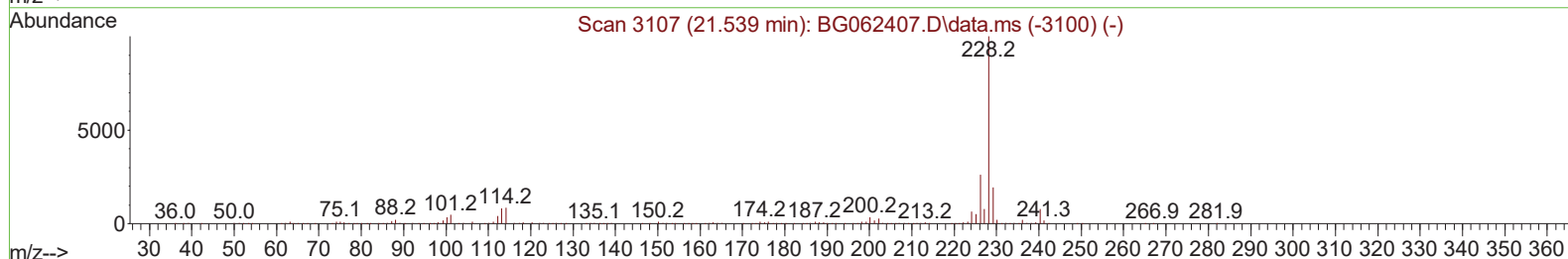
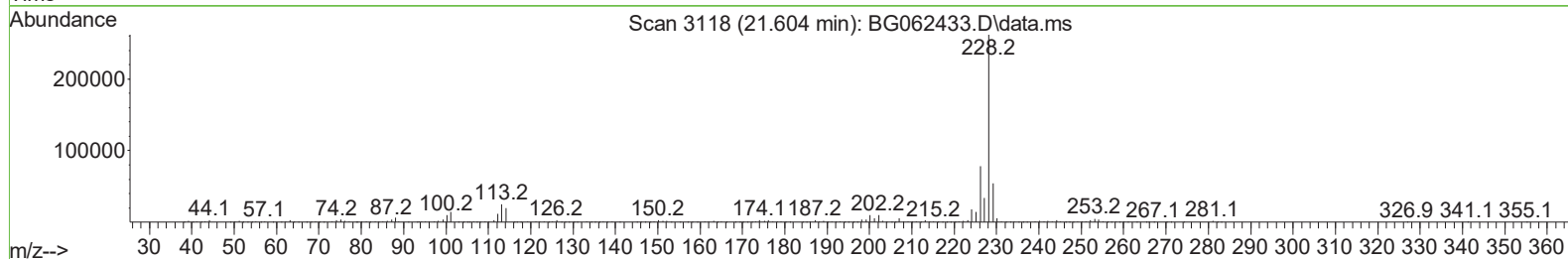
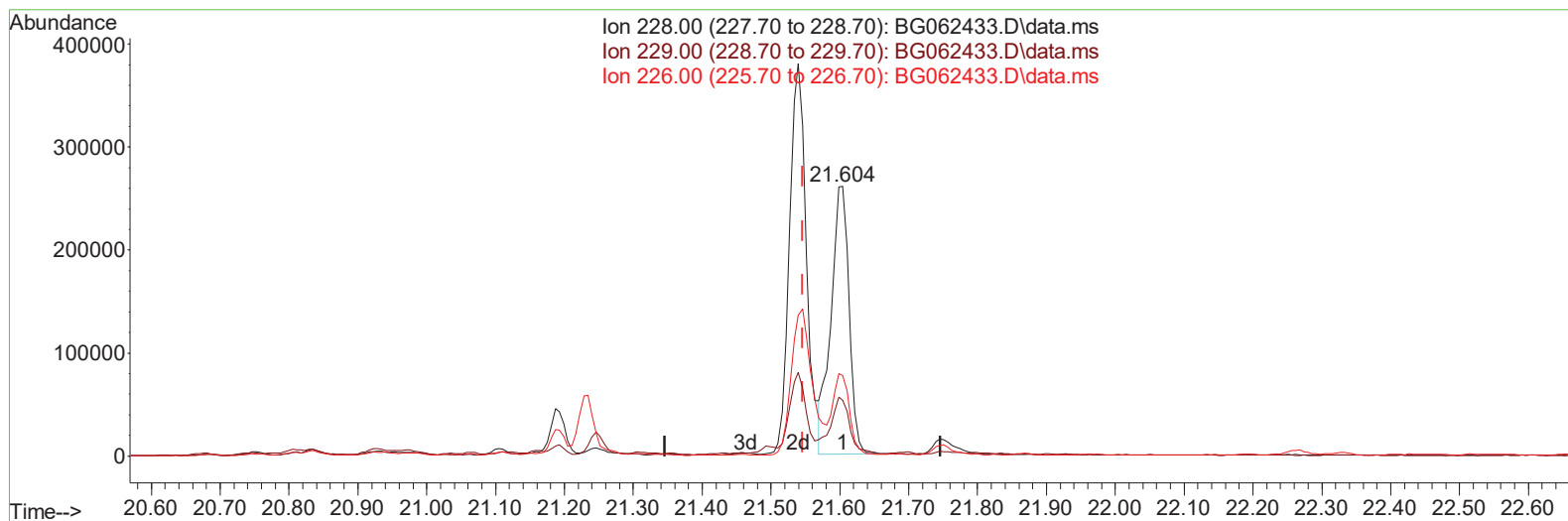
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
Data File : BG062433.D
Acq On : 16 Aug 2024 2:55
Operator : MA/JU
Sample : P3481-07DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E0AE9DL

Manual IntegrationsAPPROVED

Quant Time: Aug 16 04:11:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:31:21 2024
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TIC: BG062433.D\data.ms

(85) Benzo(a)anthracene

21.604min (+ 0.058) 12.68 ng/u1

response 476603

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.30	20.62
226.00	26.90	29.78
0.00	0.00	0.00

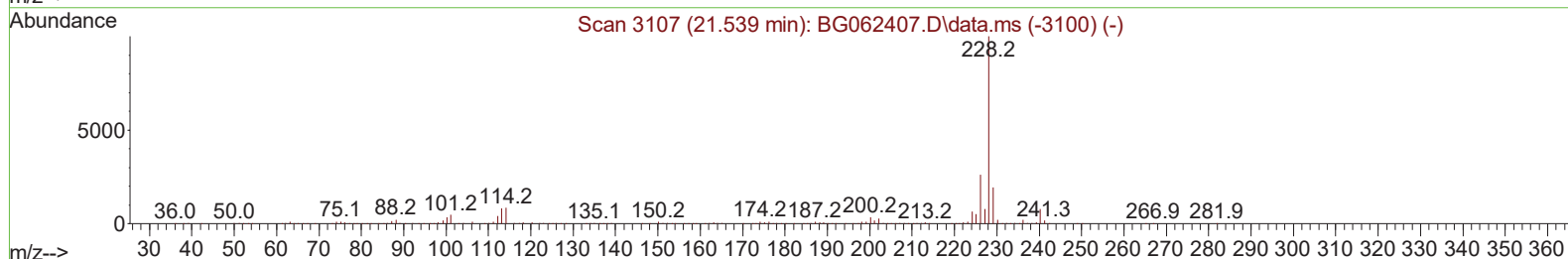
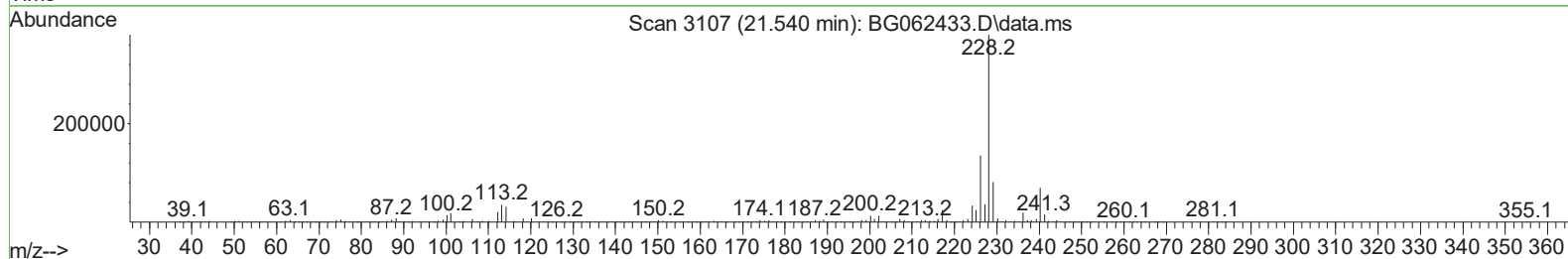
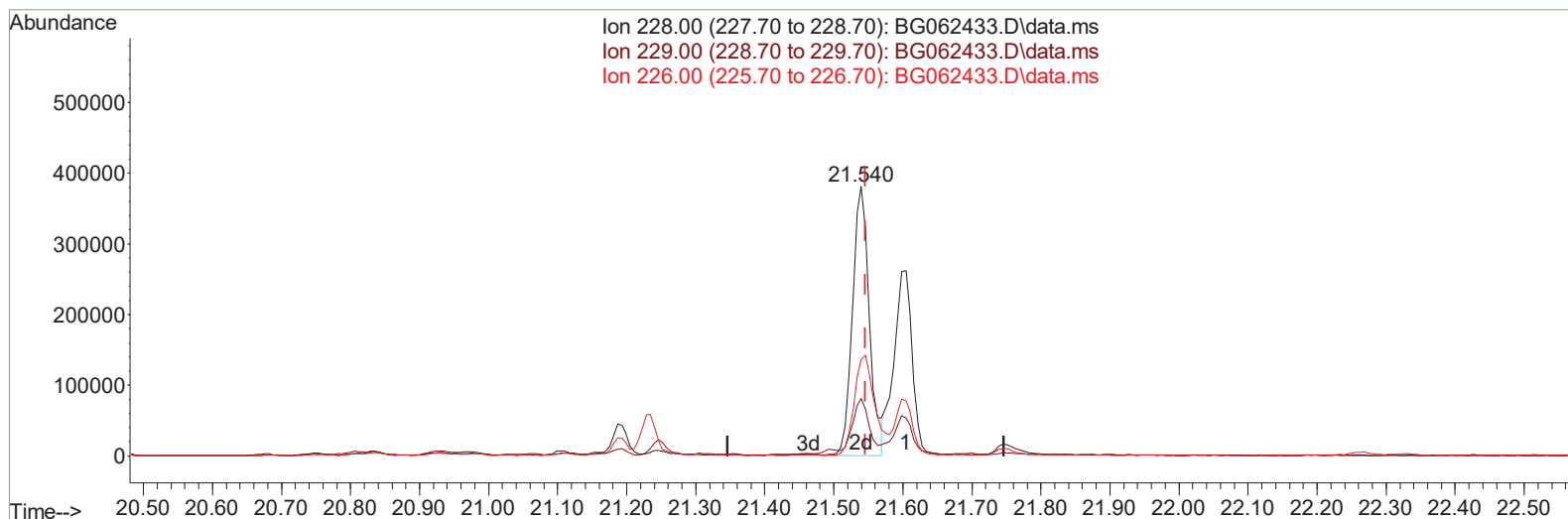
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
 Data File : BG062433.D
 Acq On : 16 Aug 2024 2:55
 Operator : MA/JU
 Sample : P3481-07DL 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E0AE9DL

Manual IntegrationsAPPROVED

Quant Time: Aug 16 04:11:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 15:31:21 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



TIC: BG062433.D\data.ms

(85) Benzo(a)anthracene

21.540min (-0.007) 17.27 ng/ul m

response 649102

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.30	21.26
226.00	26.90	35.80#
0.00	0.00	0.00

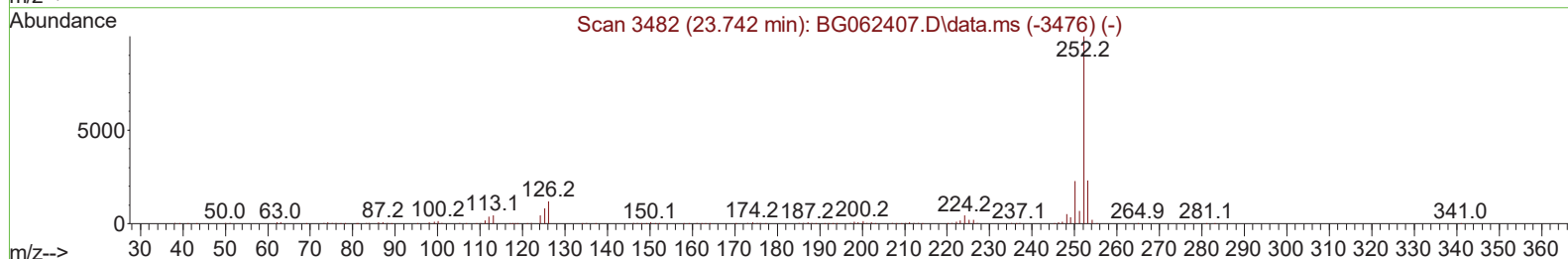
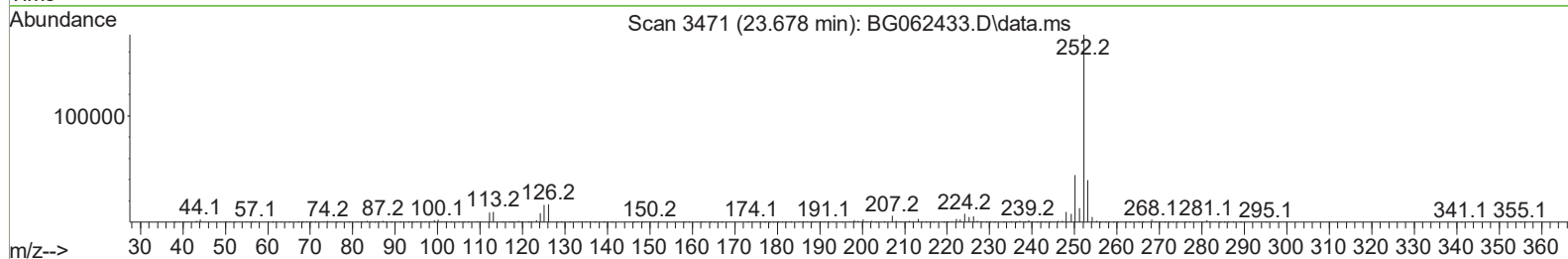
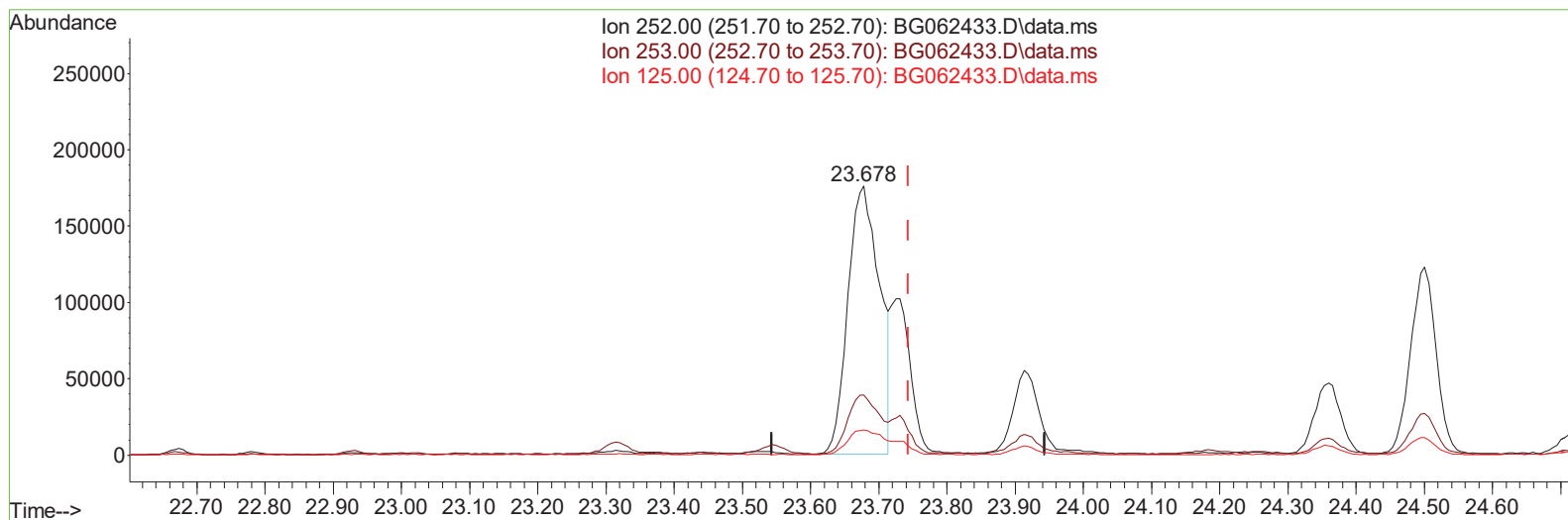
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
Data File : BG062433.D
Acq On : 16 Aug 2024 2:55
Operator : MA/JU
Sample : P3481-07DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E0AE9DL

Manual IntegrationsAPPROVED

Quant Time: Aug 16 04:11:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:31:21 2024
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Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



TIC: BG062433.D\data.ms

(91) Benzo(k)fluoranthene

23.678min (-0.066) 15.34 ng/u1

response 568610

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	22.41
125.00	8.50	9.39
0.00	0.00	0.00

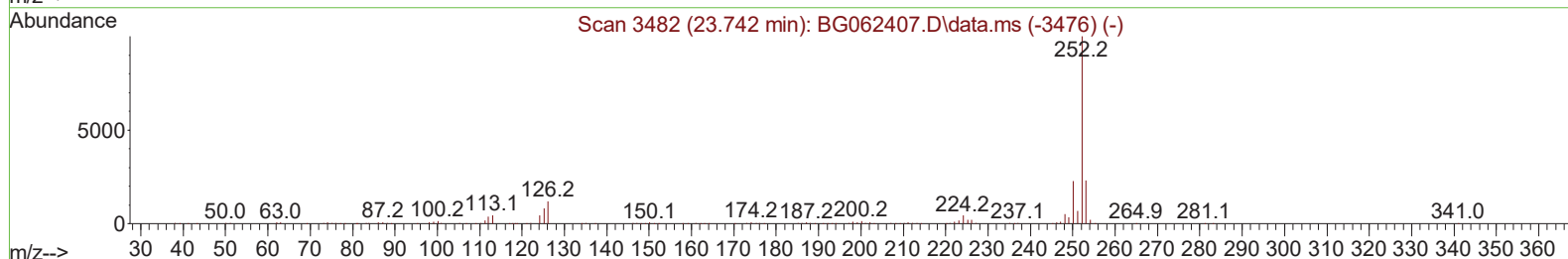
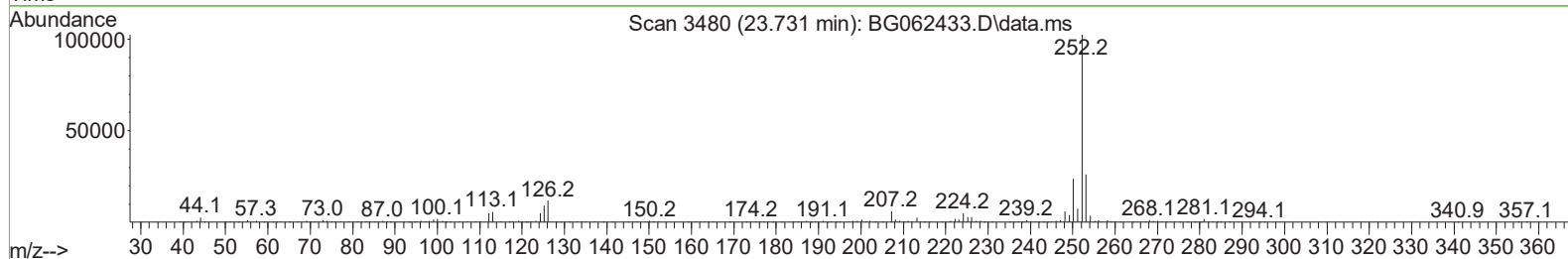
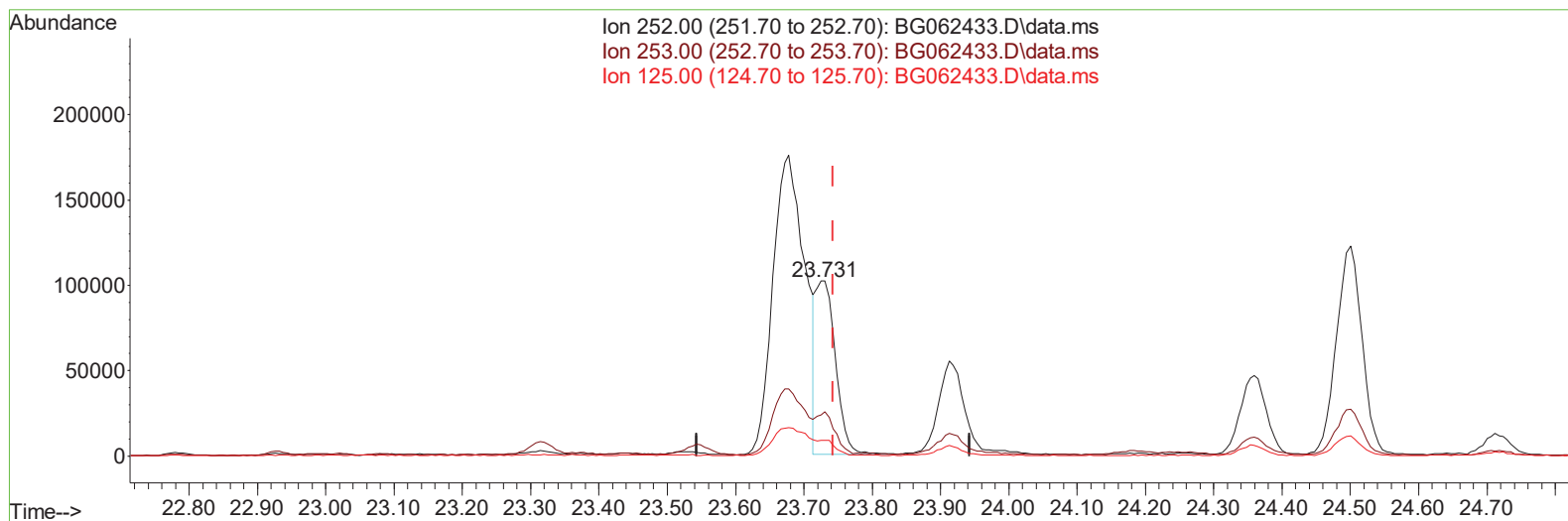
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
Data File : BG062433.D
Acq On : 16 Aug 2024 2:55
Operator : MA/JU
Sample : P3481-07DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E0AE9DL

Manual IntegrationsAPPROVED

Quant Time: Aug 16 04:11:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:31:21 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



TIC: BG062433.D\data.ms

(91) Benzo(k)fluoranthene

23.731min (-0.013) 5.44 ng/u1 m

response 201595

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	25.41
125.00	8.50	8.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
 Data File : BG062433.D
 Acq On : 16 Aug 2024 2:55
 Operator : MA/JU
 Sample : P3481-07DL 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_G

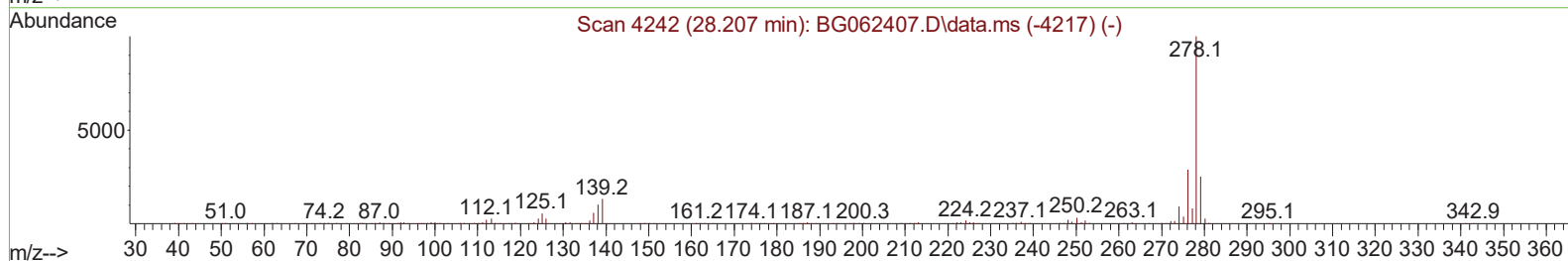
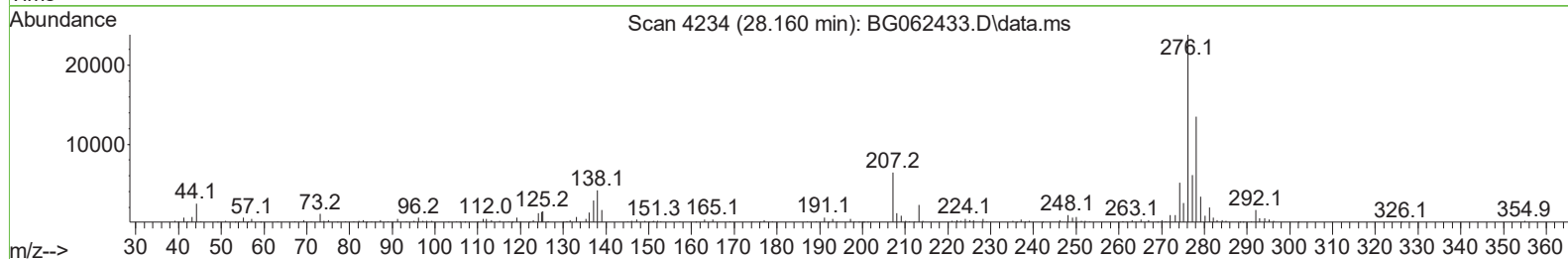
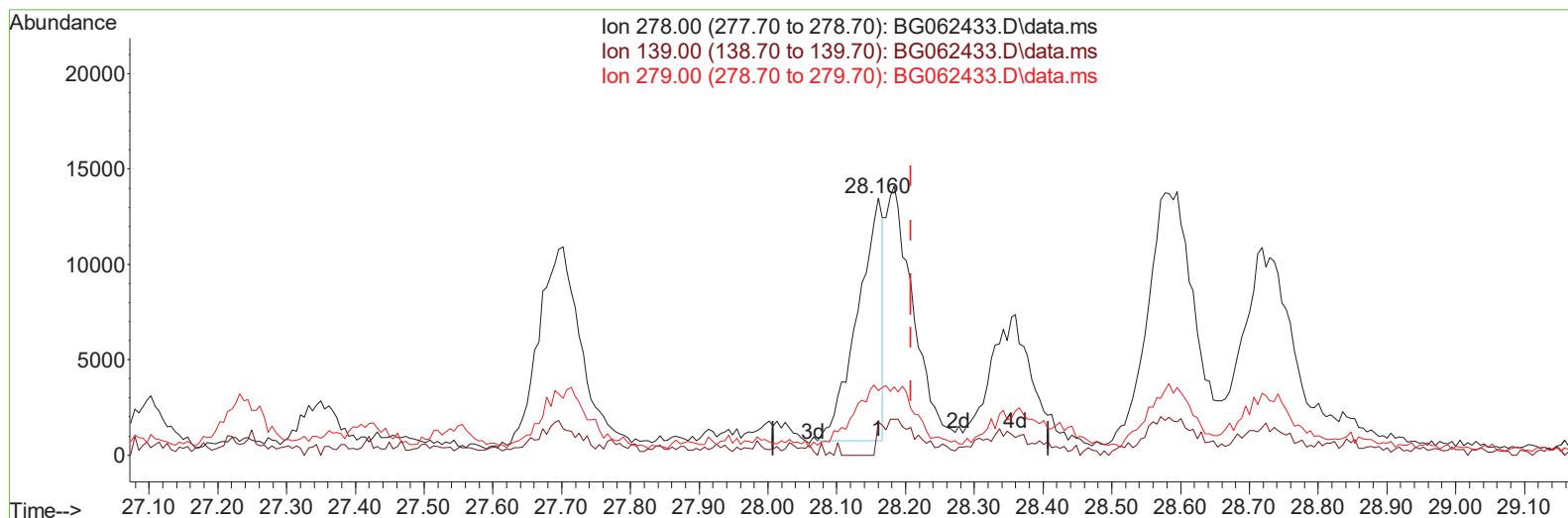
ClientSampleId :

E0AE9DL

Manual IntegrationsAPPROVED

Quant Time: Aug 16 04:13:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 15:31:21 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



TIC: BG062433.D\data.ms

(95) Dibenzo(a,h)anthracene

28.160min (-0.048) 0.91 ng/u1

response 32271

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.20	12.61
279.00	23.40	24.92
0.00	0.00	0.00

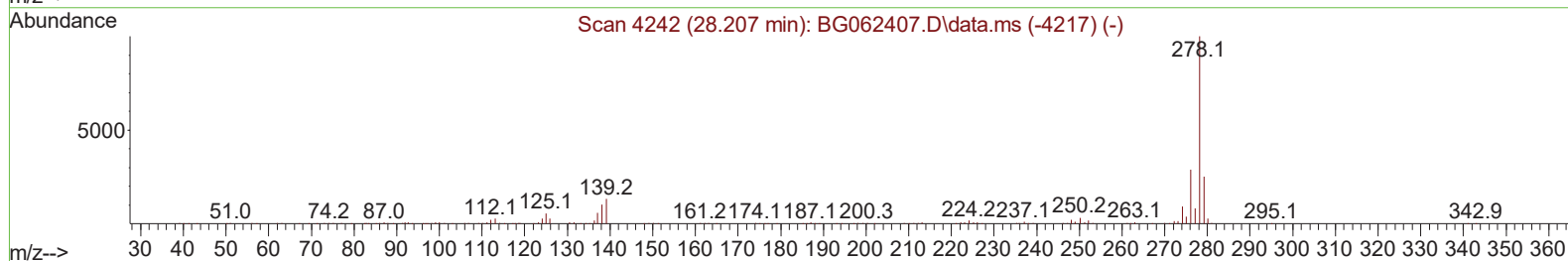
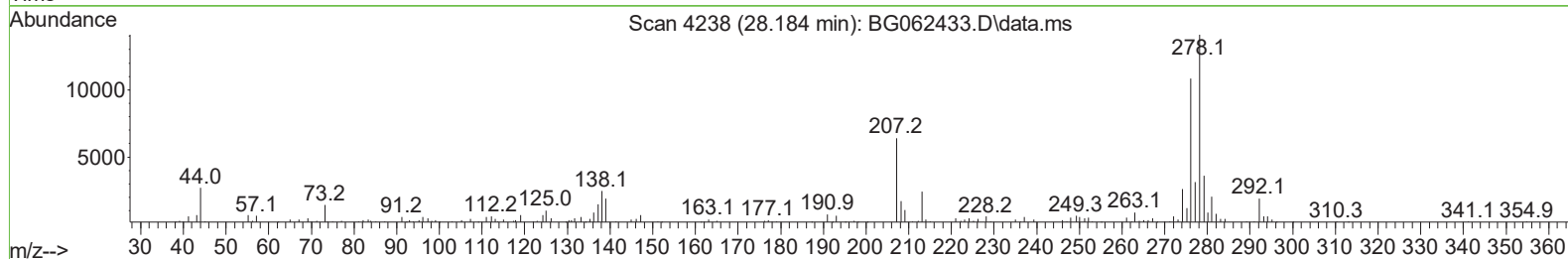
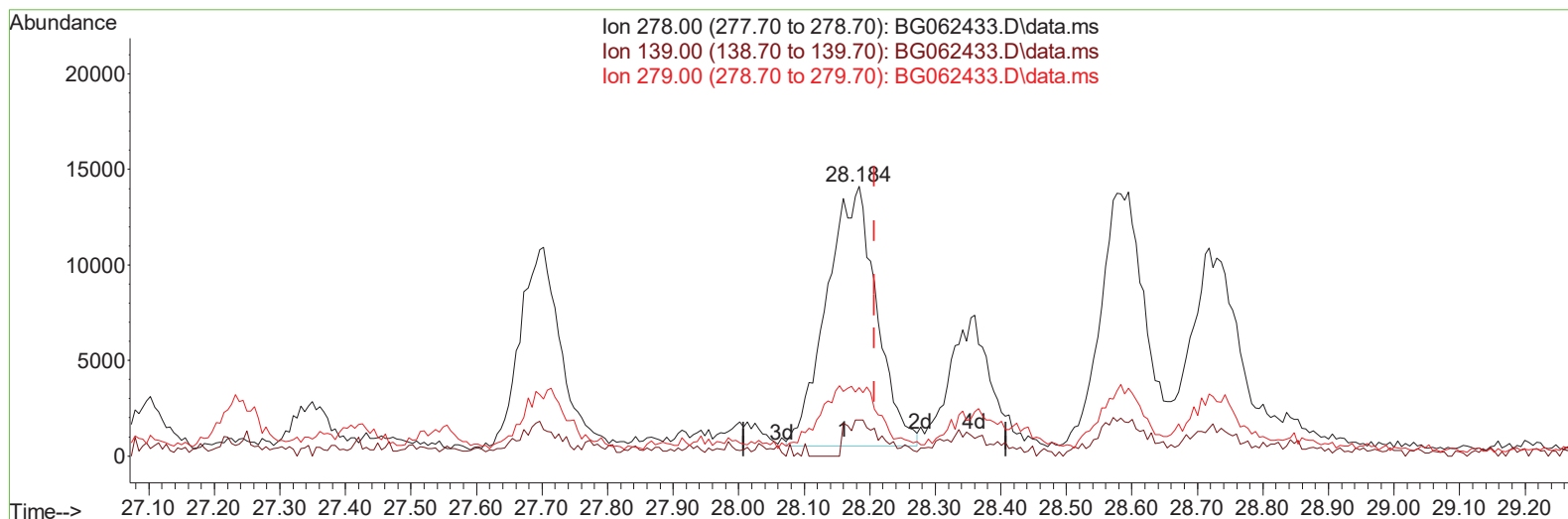
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
Data File : BG062433.D
Acq On : 16 Aug 2024 2:55
Operator : MA/JU
Sample : P3481-07DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E0AE9DL

Manual IntegrationsAPPROVED

Quant Time: Aug 16 04:13:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:31:21 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



TIC: BG062433.D\data.ms

(95) Dibenzo(a,h)anthracene

28.184min (-0.024) 2.02 ng/u1 m

response 72065

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.20	13.32
279.00	23.40	25.42
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
 Data File : BG062433.D
 Acq On : 16 Aug 2024 2:55
 Operator : MA/JU
 Sample : P3481-07DL 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E0AE9DL

Manual IntegrationsAPPROVED

Quant Time: Aug 16 04:13:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 15:31:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	73931	20.000	ng/u1	0.00
20) Naphthalene-d8	10.748	136	350956	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.573	164	255533	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	537677	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	517879	20.000	ng/u1	0.00
88) Perylene-d12	24.647	264	607708	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	1212	0.622	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.112	99	29769	4.048	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.282	67	19711	4.255	ng/u1	0.00
11) 2-Chlorophenol-d4	7.488	132	23114	4.601	ng/u1	0.00
15) 4-Methylphenol-d8	8.651	113	24770	4.018	ng/u1	0.00
21) Nitrobenzene-d5	9.104	128	11447	5.086	ng/u1	0.00
24) 2-Nitrophenol-d4	9.832	143	12417	5.546	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.367	165	24727	4.336	ng/u1	0.00
31) 4-Chloroaniline-d4	10.878	131	63490	7.021	ng/u1	0.00
46) Dimethylphthalate-d6	13.979	166	90843	4.570	ng/u1	0.00
49) Acenaphthylene-d8	14.267	160	101866	4.629	ng/u1	0.00
54) 4-Nitrophenol-d4	14.755	143	9454m	2.982	ng/u1	0.00
60) Fluorene-d10	15.565	176	86687	4.835	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.677	200	7453	3.051	ng/u1	0.00
73) Anthracene-d10	17.410	188	127434	4.934	ng/u1	0.00
81) Pyrene-d10	19.695	212	144124	4.752	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.430	264	116683	3.618	ng/u1	-0.01
Target Compounds					Qvalue	
16) Acetophenone	8.775	105	16076	1.592	ng/u1	97
30) Naphthalene	10.801	128	50396	2.476	ng/u1	98
36) 2-Methylnaphthalene	12.405	142	159214	11.076	ng/u1	99
37) 1-Methylnaphthalene	12.622	142	96095	6.552	ng/u1	100
52) Acenaphthene	14.637	153	222600	12.623	ng/u1	97
56) Dibenzofuran	14.972	168	113063	4.558	ng/u1	96
61) Fluorene	15.618	166	192383	9.839	ng/u1	99
72) Phenanthrene	17.357	178	1443522	47.779	ng/u1	99
74) Anthracene	17.445	178	482233	15.581	ng/u1	99
80) Fluoranthene	19.366	202	1341593	39.595	ng/u1	99
82) Pyrene	19.724	202	1120940	30.694	ng/u1	99
85) Benzo(a)anthracene	21.540	228	649102m	17.268	ng/u1	
87) Chrysene	21.604	228	476603	13.374	ng/u1	98
90) Benzo(b)fluoranthene	23.678	252	568610	15.489	ng/u1	97
91) Benzo(k)fluoranthene	23.731	252	201595m	5.440	ng/u1	
93) Benzo(a)pyrene	24.500	252	317541	9.175	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	28.125	276	220235	5.007	ng/u1#	96
95) Dibenzo(a,h)anthracene	28.184	278	72065m	2.021	ng/u1	

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

