

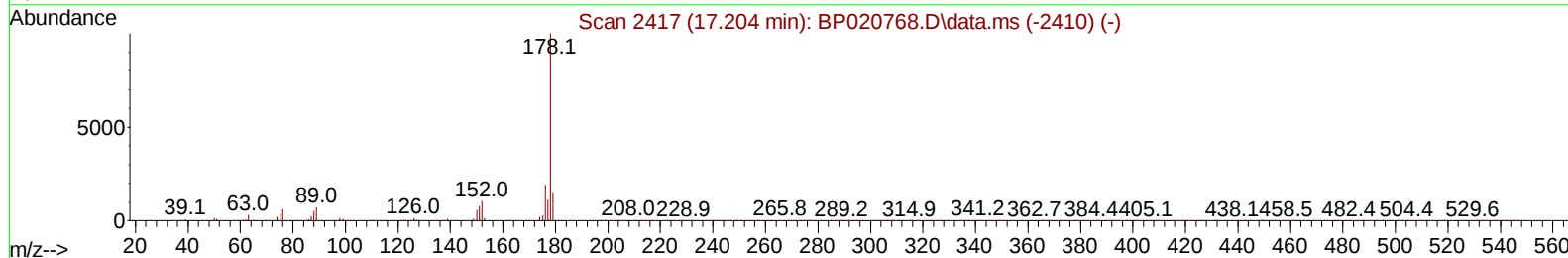
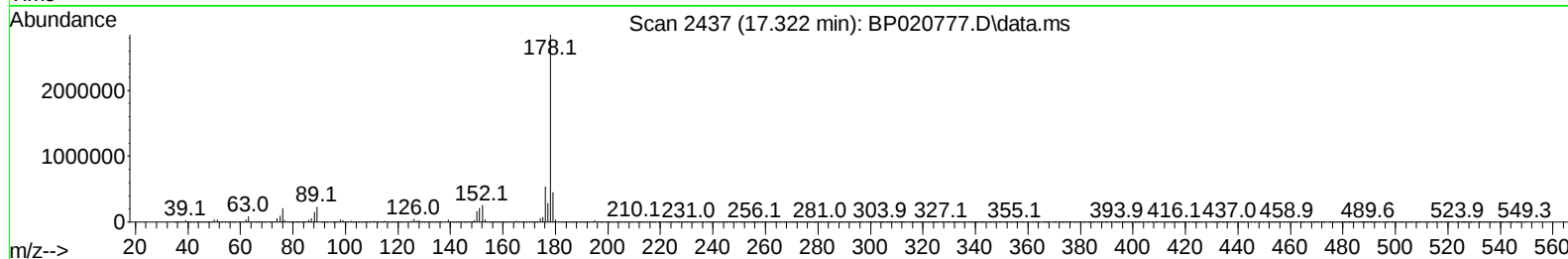
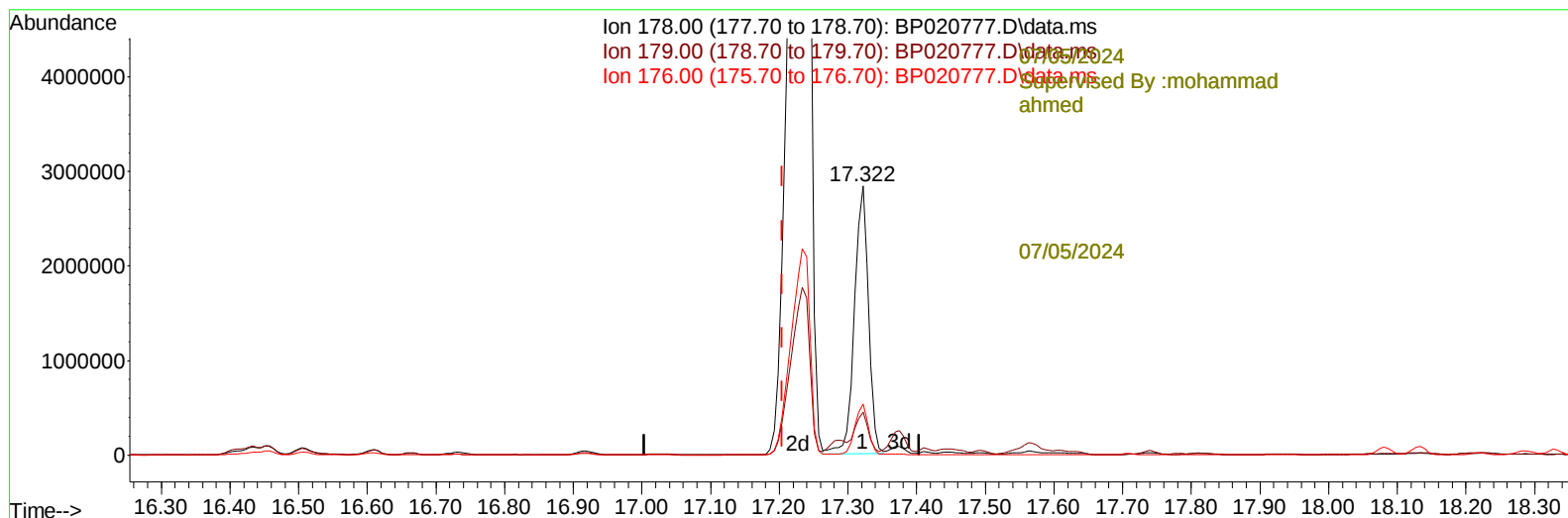
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 22:52:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BP020777.D\data.ms

(72) Phenanthrene

17.322min (+ 0.118) 75.66 ng/u1

response 4045897

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	15.93
176.00	19.30	18.95
0.00	0.00	0.00

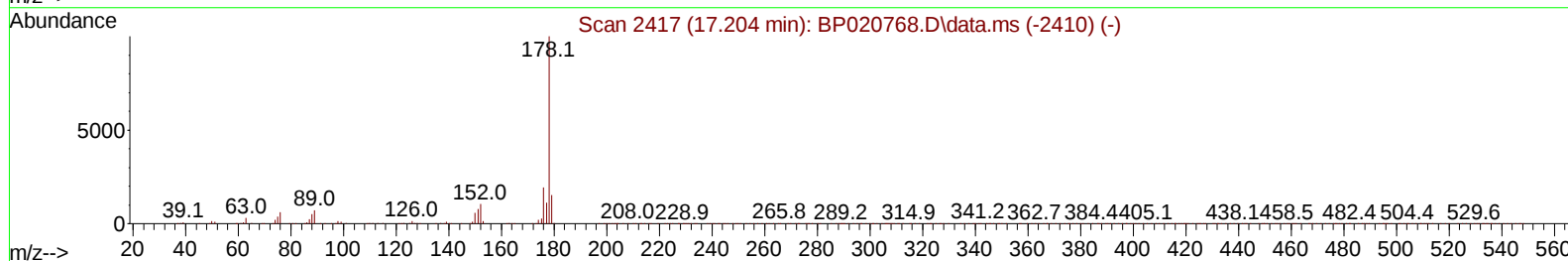
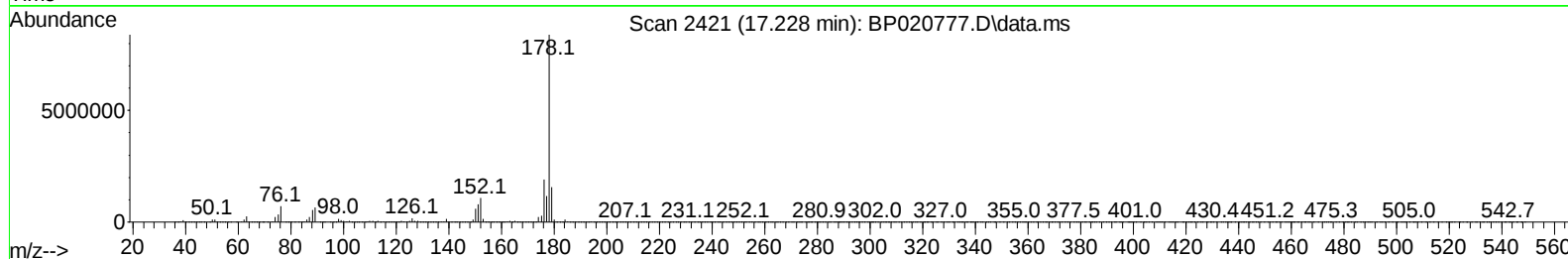
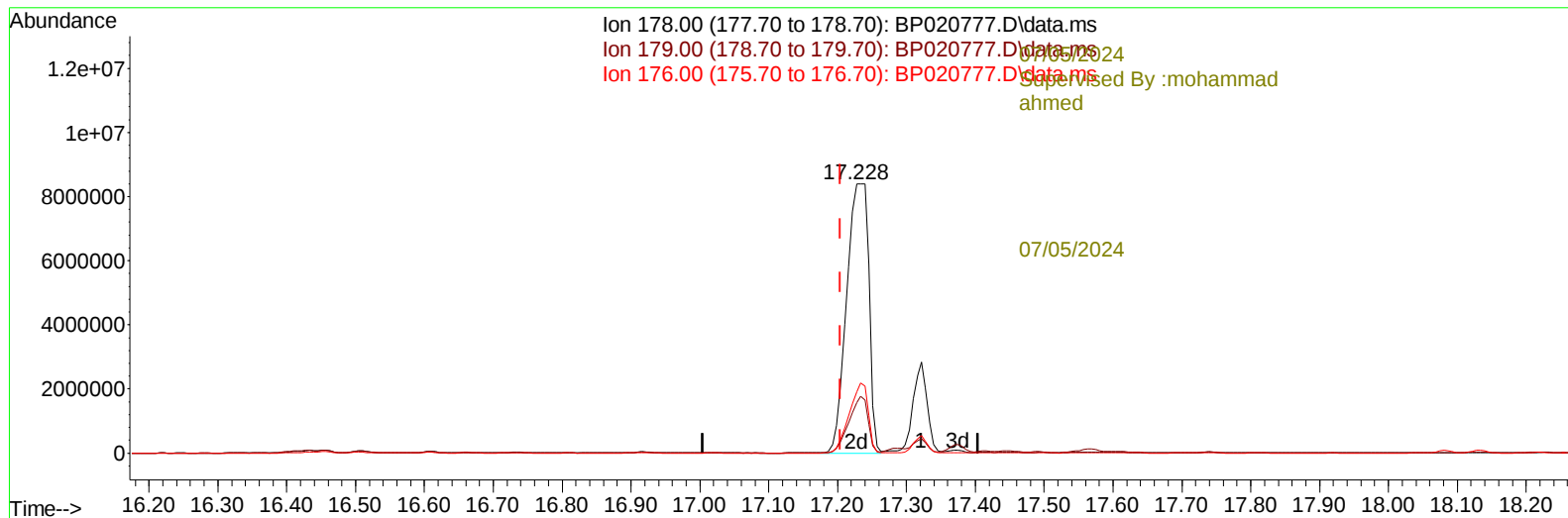
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP020777.D\data.ms

(72) Phenanthrene

17.228min (+ 0.024) 352.05 ng/u1 m

response 18824872

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	18.72#
176.00	19.30	22.68
0.00	0.00	0.00

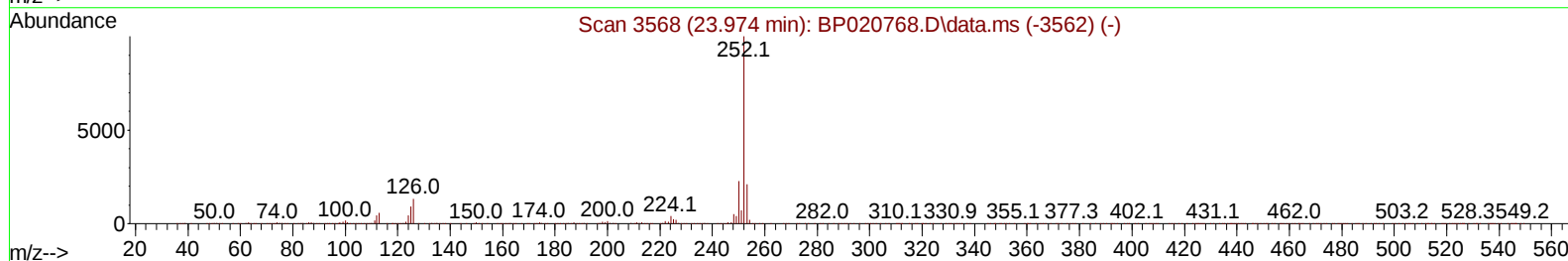
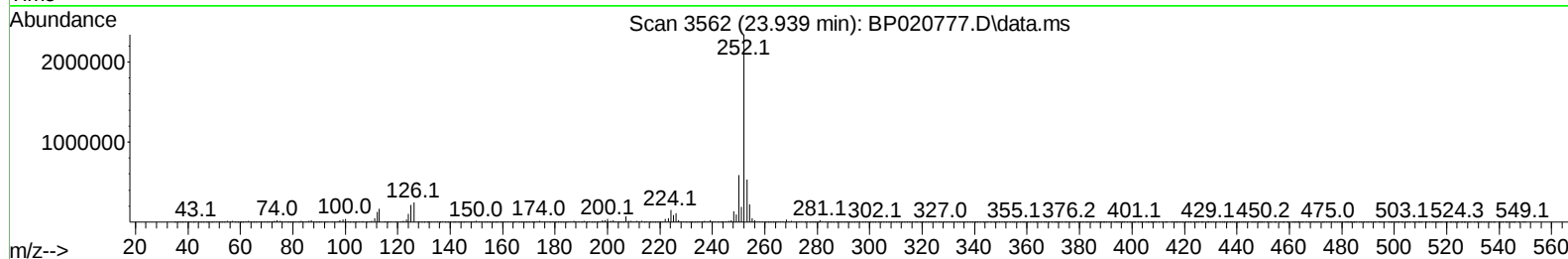
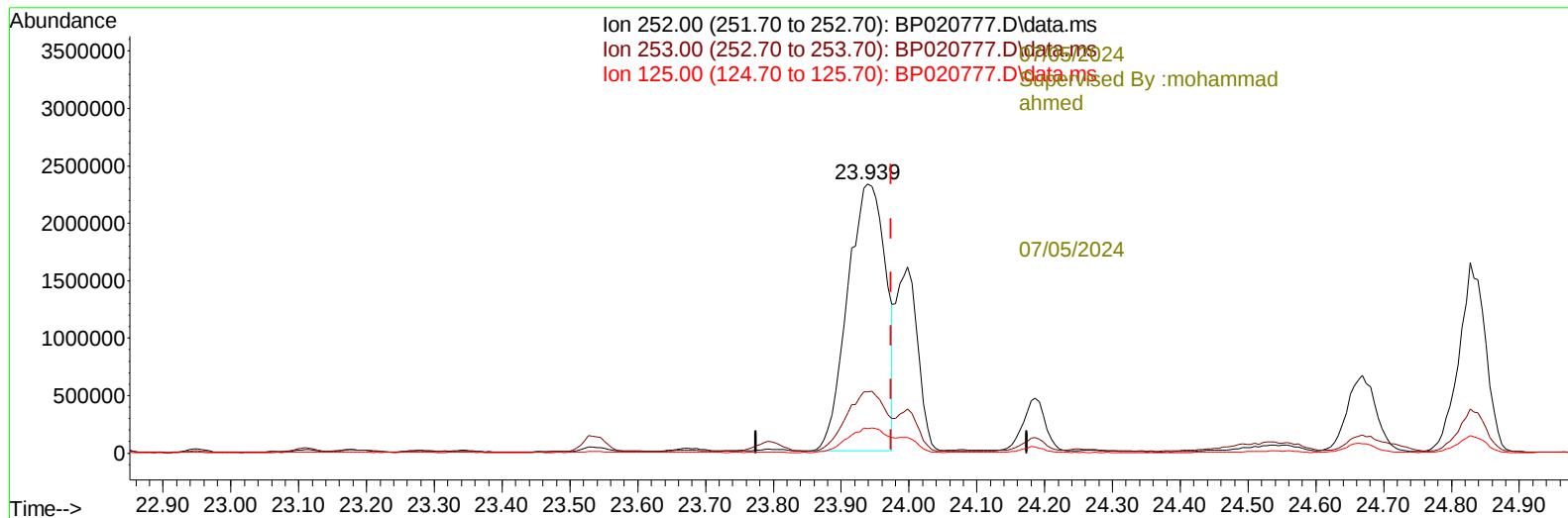
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BP020777.D\data.ms

(91) Benzo(k)fluoranthene

23.939min (-0.035) 131.23 ng/u1

response 9077716

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.82
125.00	9.90	9.04
0.00	0.00	0.00

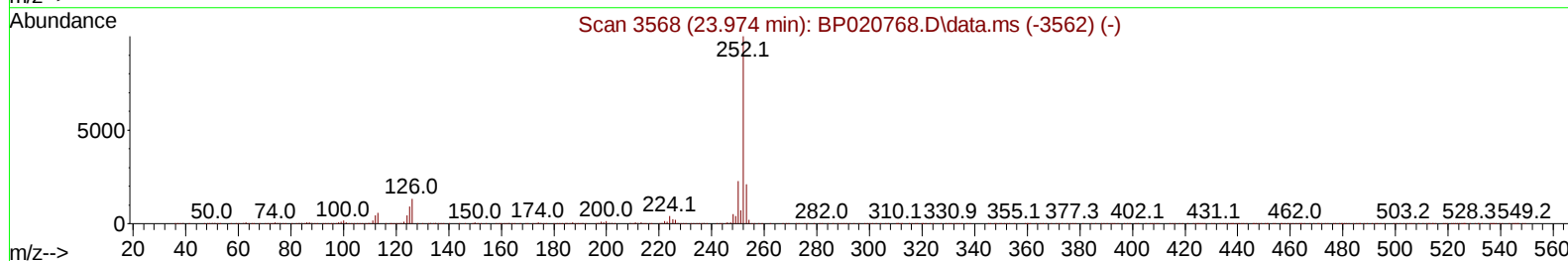
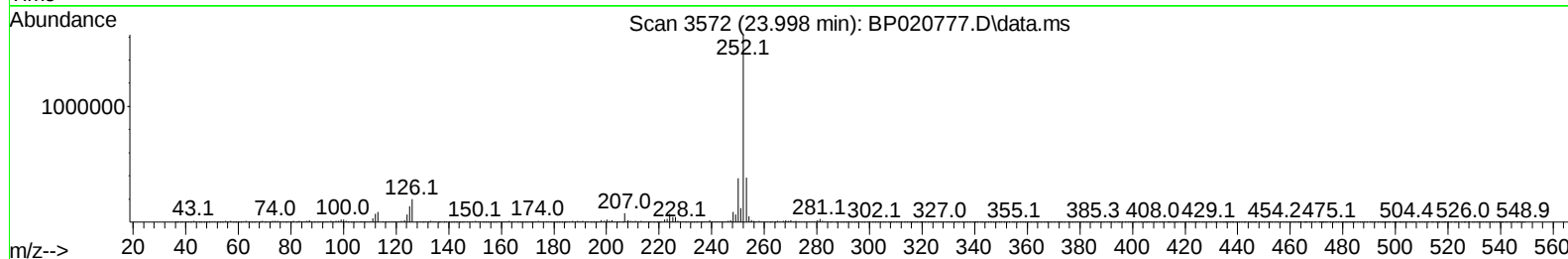
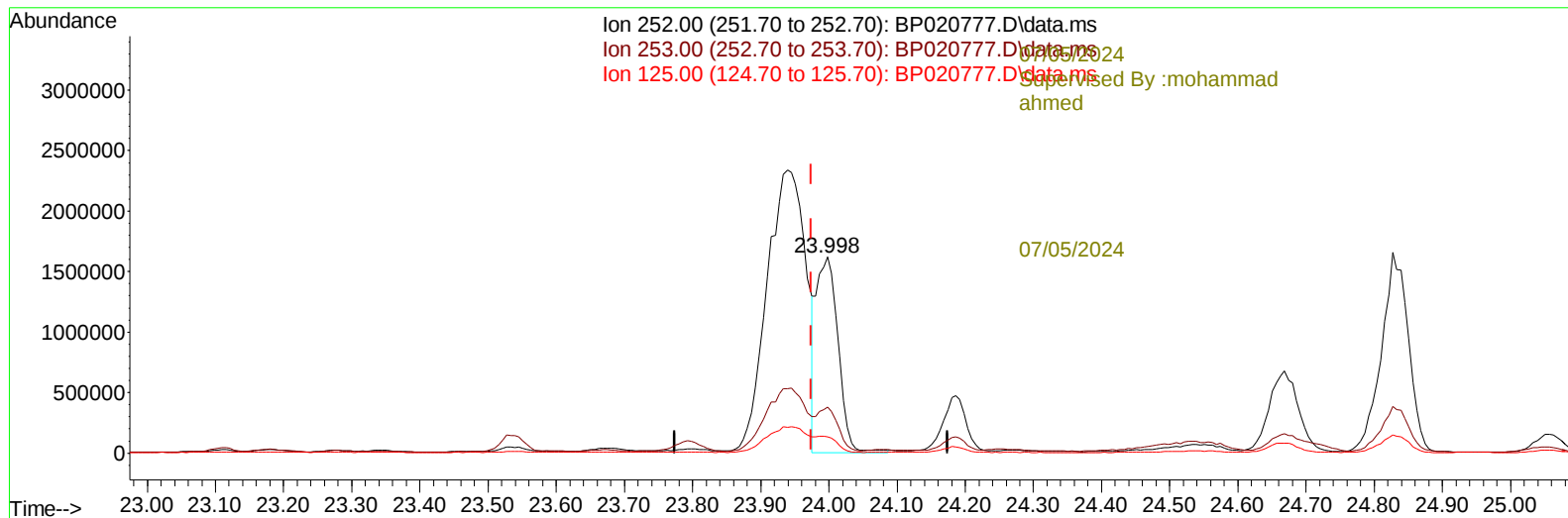
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
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Instrument :
BNA_P
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A4CS2

Manual IntegrationsAPPROVED

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TIC: BP020777.D\data.ms

(91) Benzo(k)fluoranthene

23.998min (+ 0.024) 51.96 ng/ul m

response 3594267

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.62
125.00	9.90	8.45
0.00	0.00	0.00

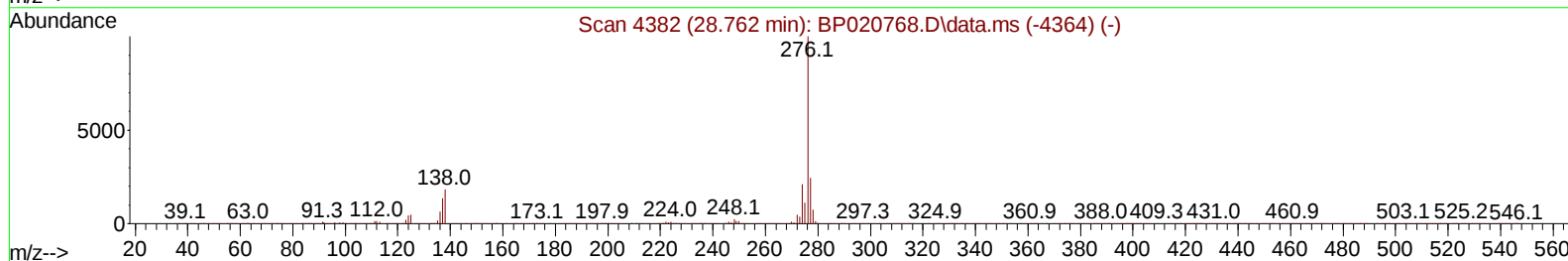
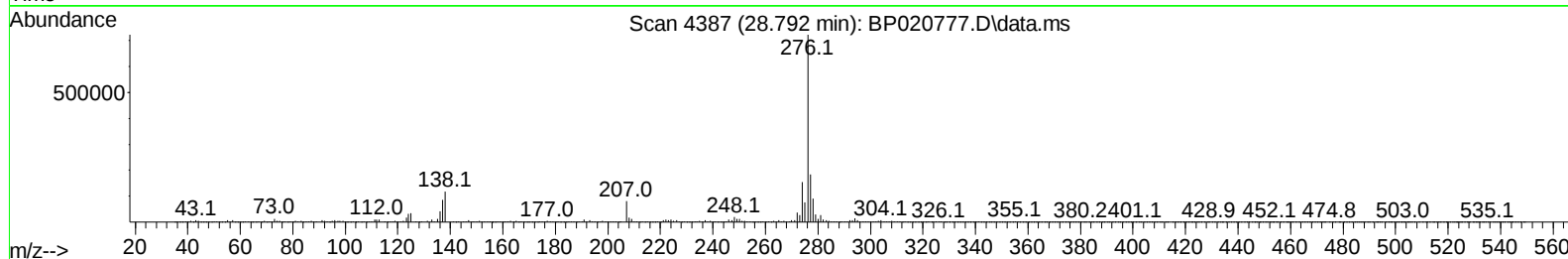
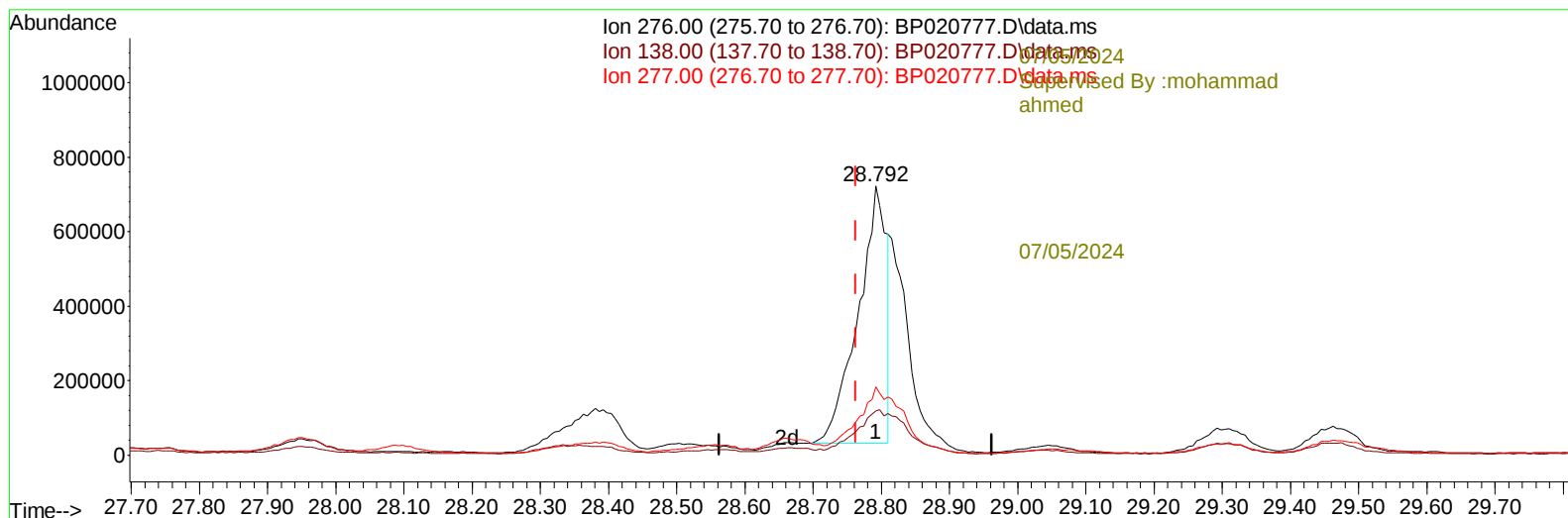
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
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 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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TIC: BP020777.D\data.ms

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

28.792min (+ 0.029) 24.13 ng/u1

response 1997652

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.00	16.43
277.00	23.70	25.31
0.00	0.00	0.00

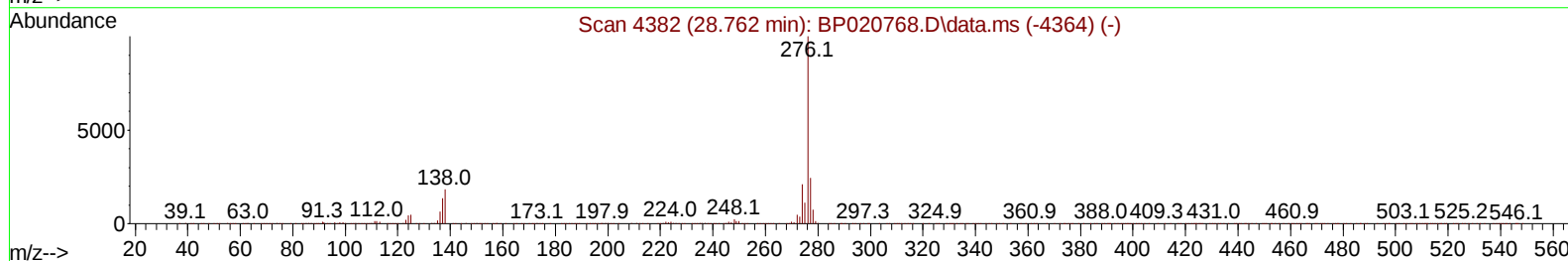
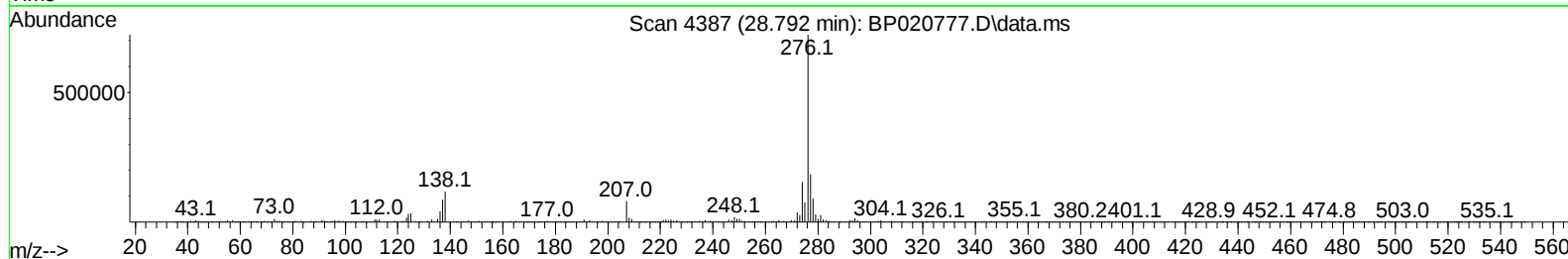
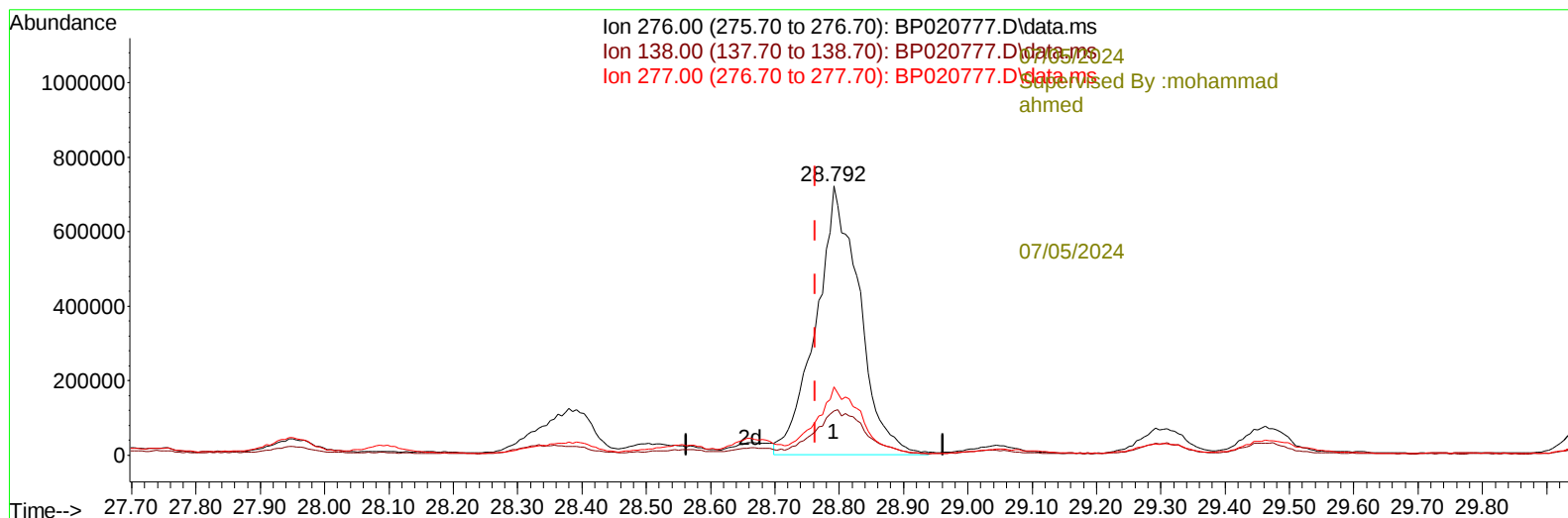
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 22:52:45 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BP020777.D\data.ms

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

28.792min (+ 0.029) 40.69 ng/ul m

response 3369016

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.00	16.43
277.00	23.70	25.31
0.00	0.00	0.00

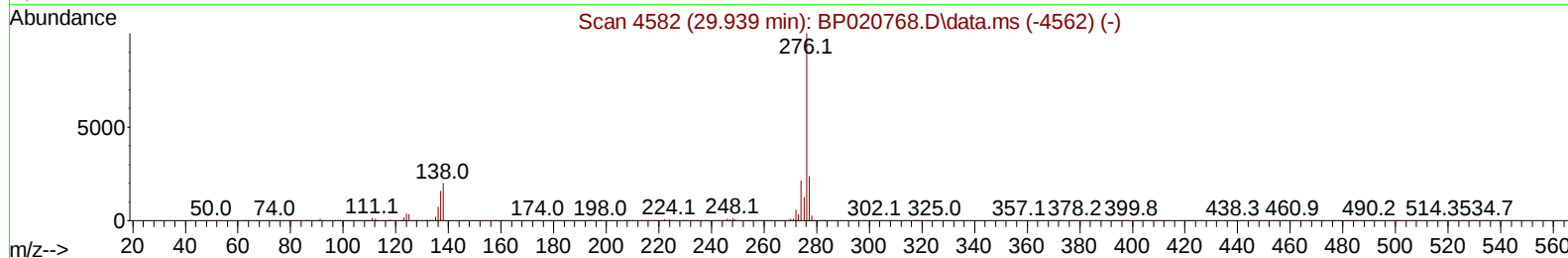
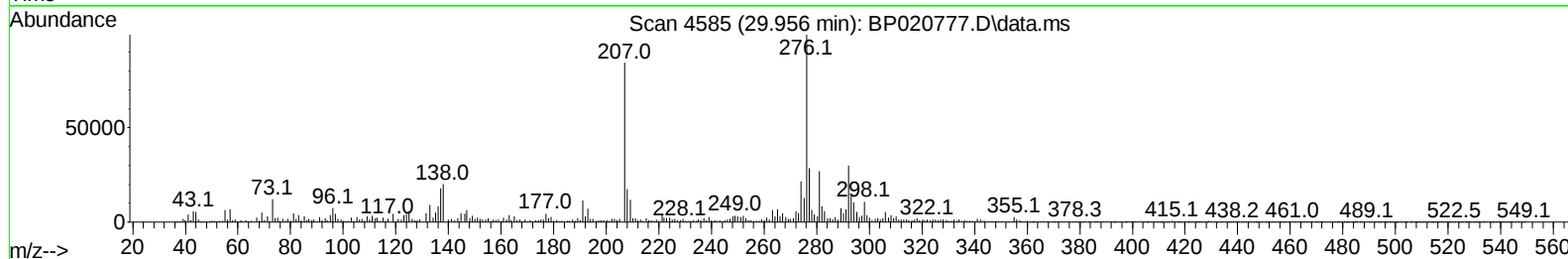
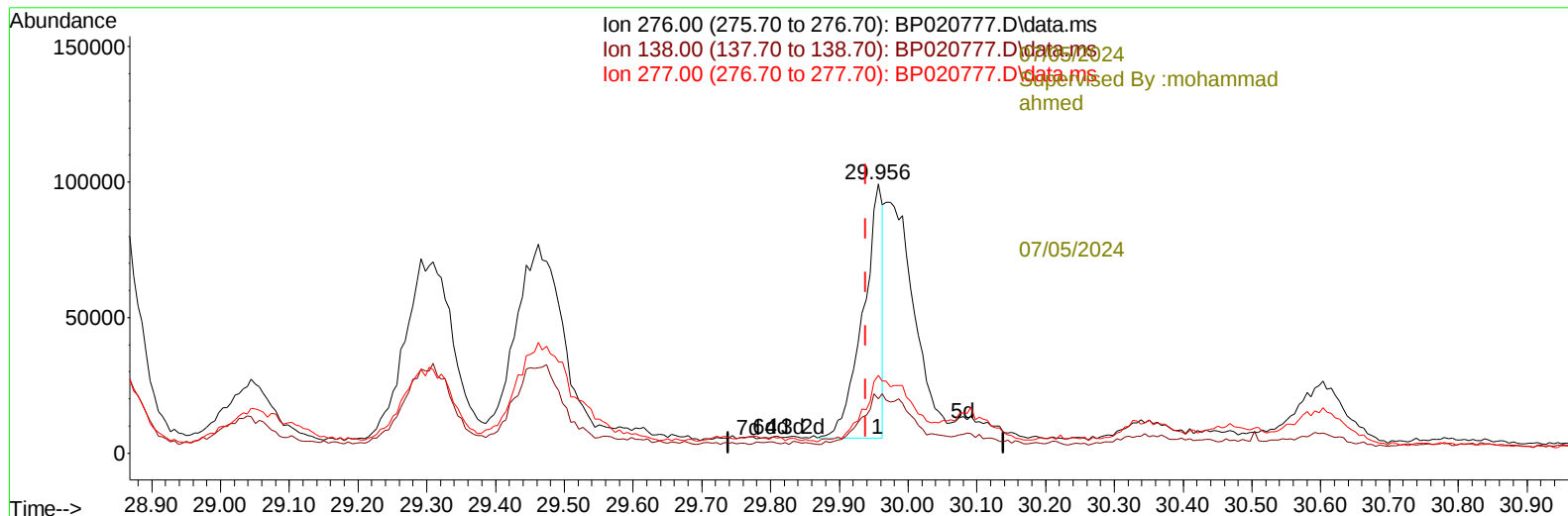
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BP020777.D\data.ms

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

29.956min (+ 0.018) 2.80 ng/u1

response 188987

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	20.26
277.00	23.40	28.91#
0.00	0.00	0.00

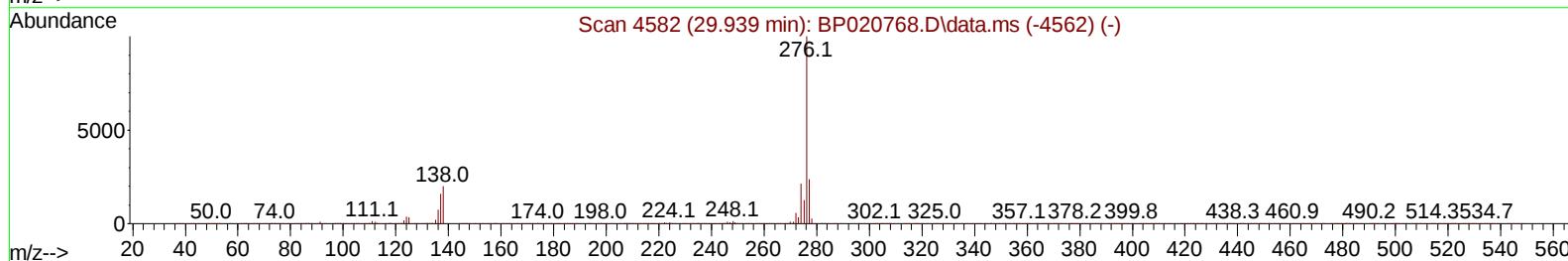
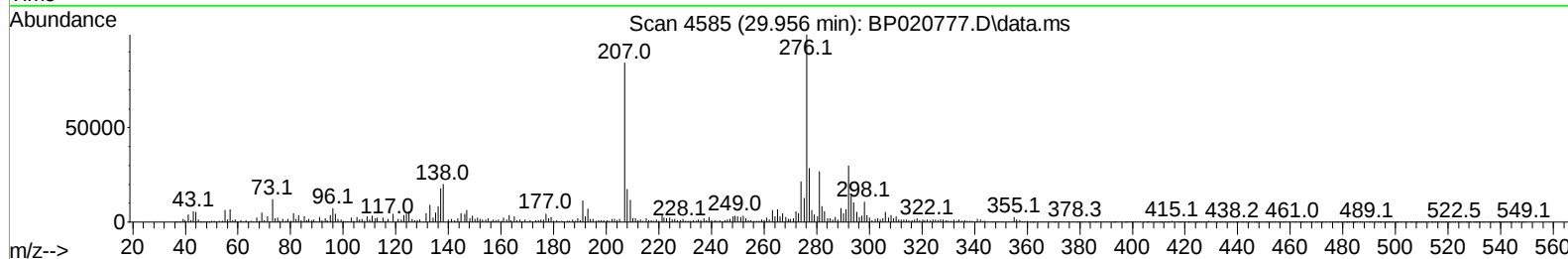
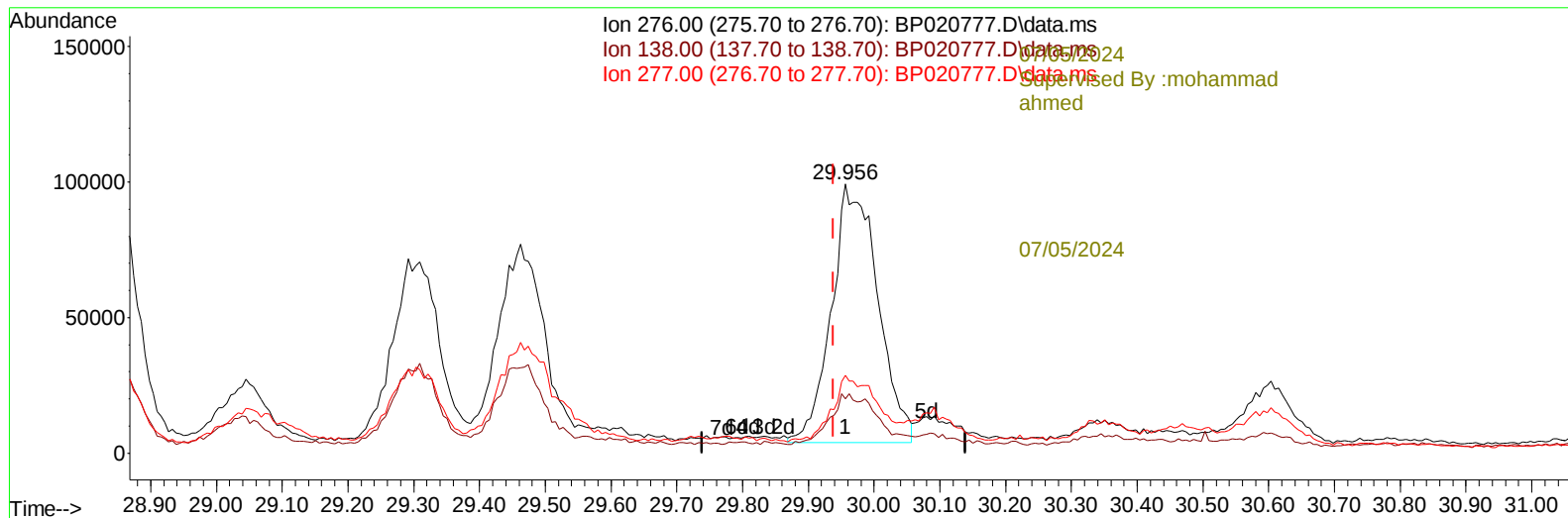
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Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BP020777.D\data.ms

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

29.956min (+ 0.018) 6.90 ng/ul m

response 466431

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	20.26
277.00	23.40	28.91#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
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 Sample : P2964-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 03 22:54:14 2024
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 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----07/05/2024						
Supervised By :mohammad ahmed						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	201725	20.000	ng/ul	0.00
20) Naphthalene-d8	10.505	136	818838	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.357	164	523789	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	1021138	20.000	ng/ul	0.01
79) Chrysene-d12	21.627	240	883410	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	1128844	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	9115	1.940	ng/uL	0.00
4) Pyridine-d5	3.687	84	33802	2.469	ng/ul	0.00
7) Phenol-d5	6.922	99	205187	12.402	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	134152	12.790	ng/ul	0.00
11) 2-Chlorophenol-d4	7.275	132	182724	13.513	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	180869	13.460	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	89885	14.868	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	102727	16.980	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	184106	14.774	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	149466	8.558	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	606907	16.665	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	670917	15.439	ng/ul	0.01
54) 4-Nitrophenol-d4	14.593	143	62501	11.232	ng/ul	0.01
60) Fluorene-d10	15.363	176	514492	16.788	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	36992	7.189	ng/ul	0.03
73) Anthracene-d10	17.281	188	762741	16.643	ng/ul	0.02
81) Pyrene-d10	19.657	212	731152	13.777	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.751	264	624453	11.372	ng/ul	0.01
Target Compounds						
						Qvalue
30) Naphthalene	10.552	128	1242412	28.348	ng/ul	99
36) 2-Methylnaphthalene	12.169	142	765339	26.069	ng/ul	99
37) 1-Methylnaphthalene	12.375	142	527771	17.585	ng/ul	100
43) 1,1'-Biphenyl	13.181	154	154377	3.941	ng/ul	98
50) Acenaphthylene	14.081	152	69949	1.425	ng/ul#	73
52) Acenaphthene	14.428	153	2393325	73.500	ng/ul	99
56) Dibenzofuran	14.763	168	909901	20.737	ng/ul	98
61) Fluorene	15.428	166	2208328	62.640	ng/ul	99
72) Phenanthrene	17.228	178	18824872m	352.049	ng/ul	
74) Anthracene	17.322	178	4073129	74.053	ng/ul	99
77) Carbazole	17.598	167	1184425	26.092	ng/ul	99
80) Fluoranthene	19.322	202	15333554	236.529	ng/ul	99
82) Pyrene	19.704	202	15680546	235.850	ng/ul	98
85) Benzo(a)anthracene	21.610	228	8946670	144.488	ng/ul	95
87) Chrysene	21.680	228	9499459	162.306	ng/ul	97
90) Benzo(b)fluoranthene	23.939	252	9077716	132.741	ng/ul	98
91) Benzo(k)fluoranthene	23.998	252	3594267m	51.958	ng/ul	
93) Benzo(a)pyrene	24.827	252	4512687	69.903	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.792	276	3369016m	40.687	ng/ul	
95) Dibenzo(a,h)anthracene	28.839	278	1287557	18.919	ng/ul#	92
96) Benzo(g,h,i)perylene	29.956	276	466431m	6.899	ng/ul	

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
-----07/05/2024								
(#) = qualifier out of range (m) = manual integration (+) = signals summedSupervised By :mohammad ahmed								

07/05/2024

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