

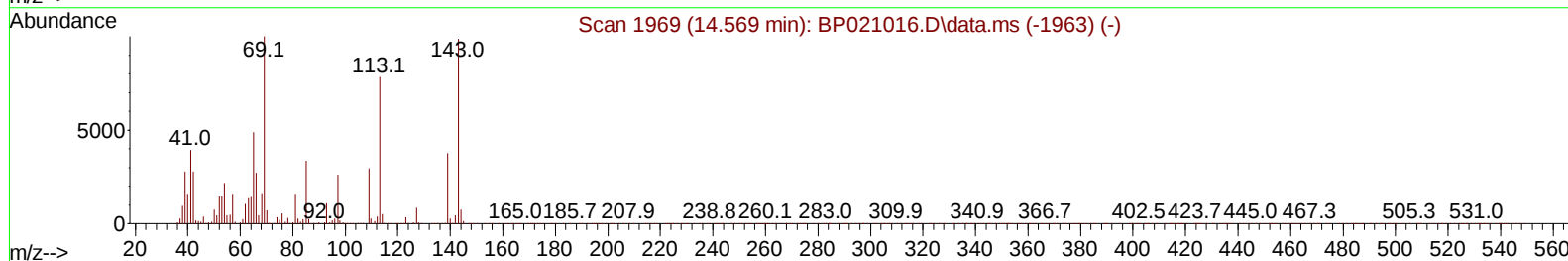
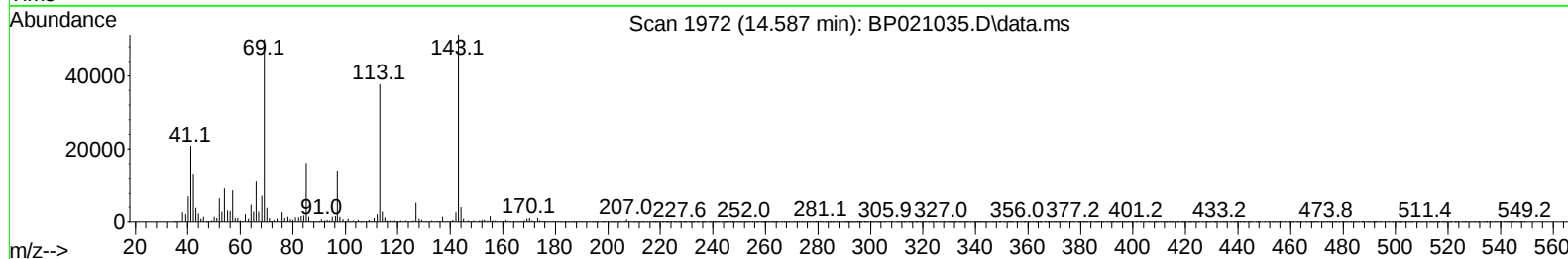
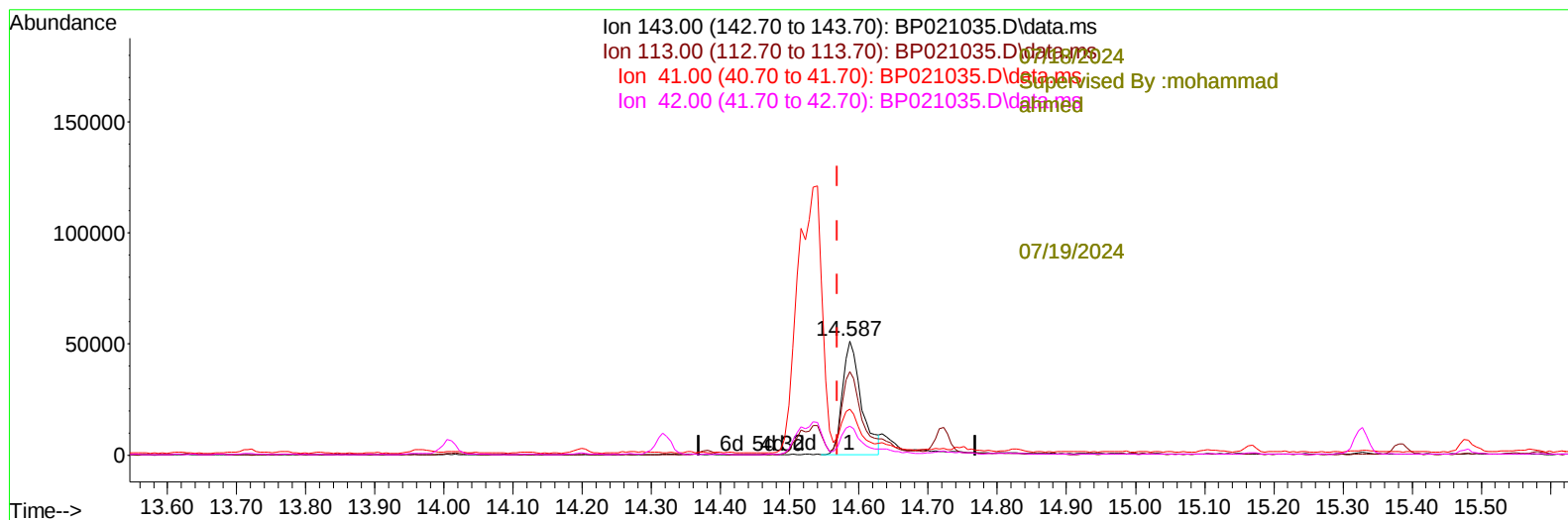
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021035.D
Acq On : 18 Jul 2024 04:20
Operator : MA/JU
Sample : P3215-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C09

Manual IntegrationsAPPROVED

Quant Time: Jul 18 05:23:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BP021035.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.587min (+ 0.018) 18.20 ng/u1

response 96425

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	73.43
41.00	37.90	40.58
42.00	27.10	25.62

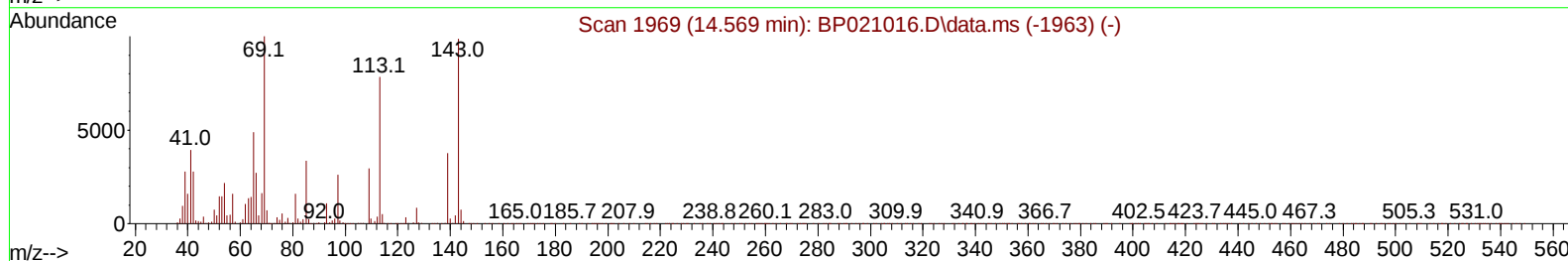
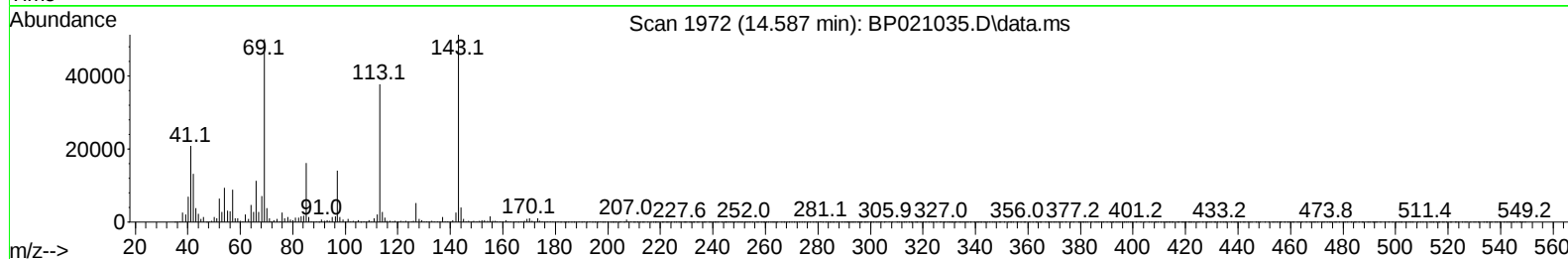
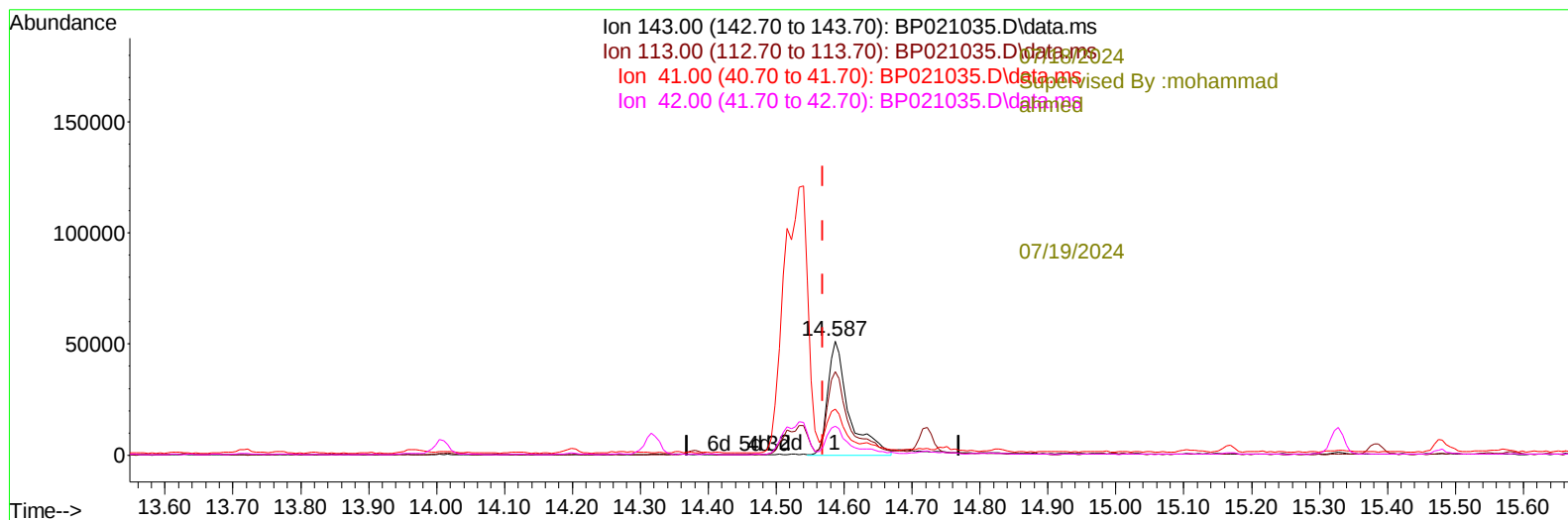
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021035.D
Acq On : 18 Jul 2024 04:20
Operator : MA/JU
Sample : P3215-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C09

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 05:23:43 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
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TIC: BP021035.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.587min (+ 0.018) 20.95 ng/ul m

response 110968

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	73.43
41.00	37.90	40.58
42.00	27.10	25.62

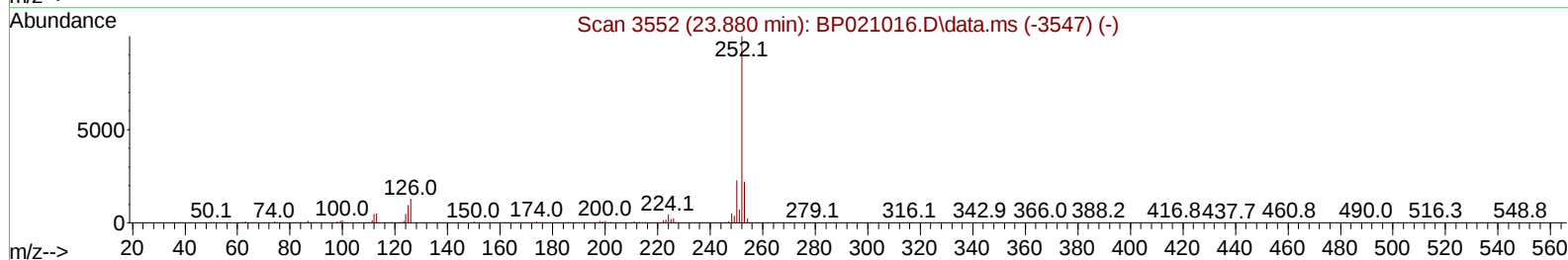
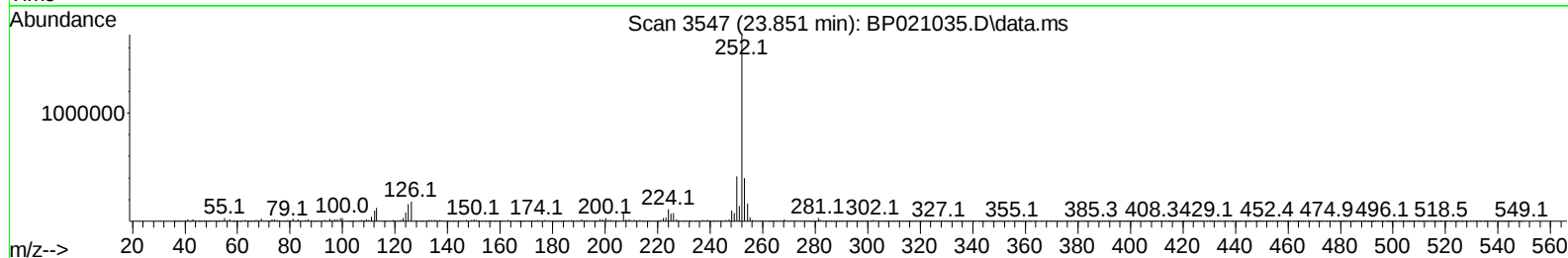
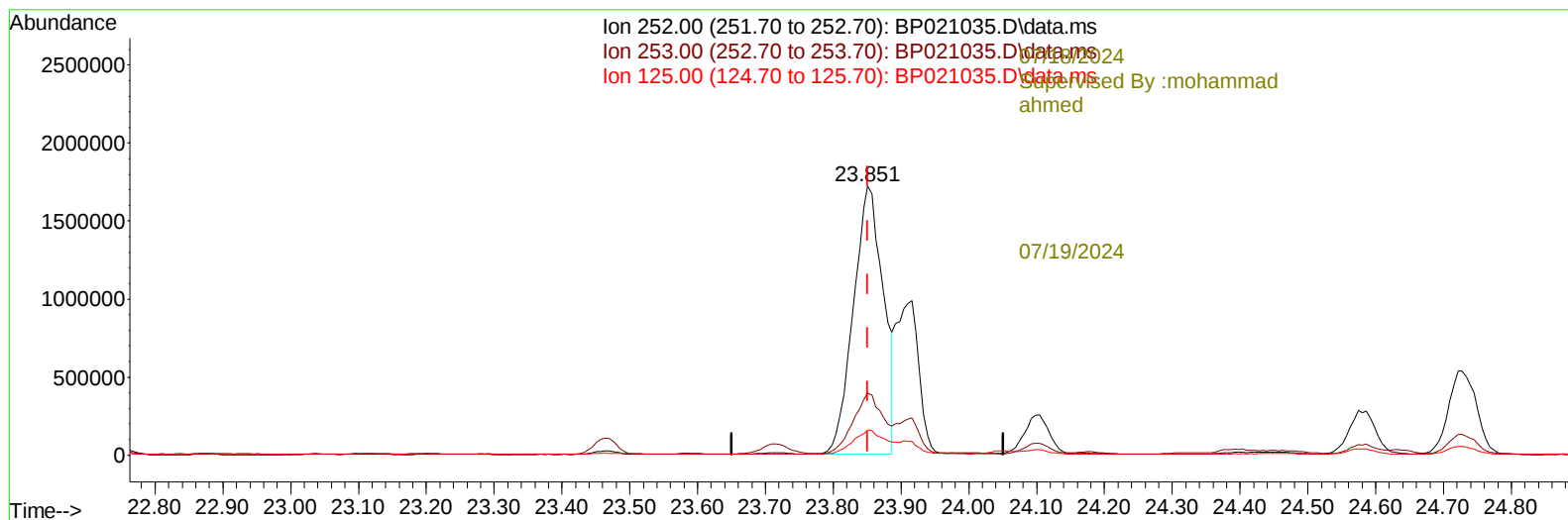
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021035.D
Acq On : 18 Jul 2024 04:20
Operator : MA/JU
Sample : P3215-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 18 05:23:43 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BP021035.D\data.ms

(91) Benzo(k)fluoranthene

23.851min (+ 0.000) 66.04 ng/u1

response 5279980

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.91
125.00	9.20	9.24
0.00	0.00	0.00

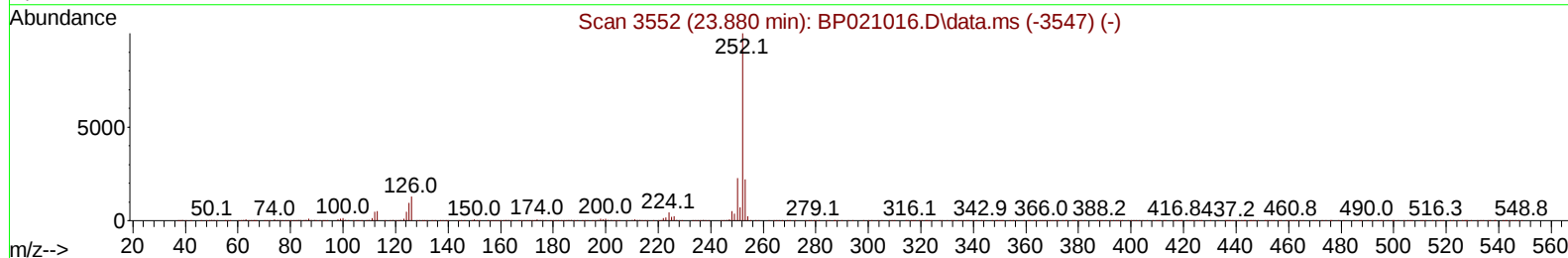
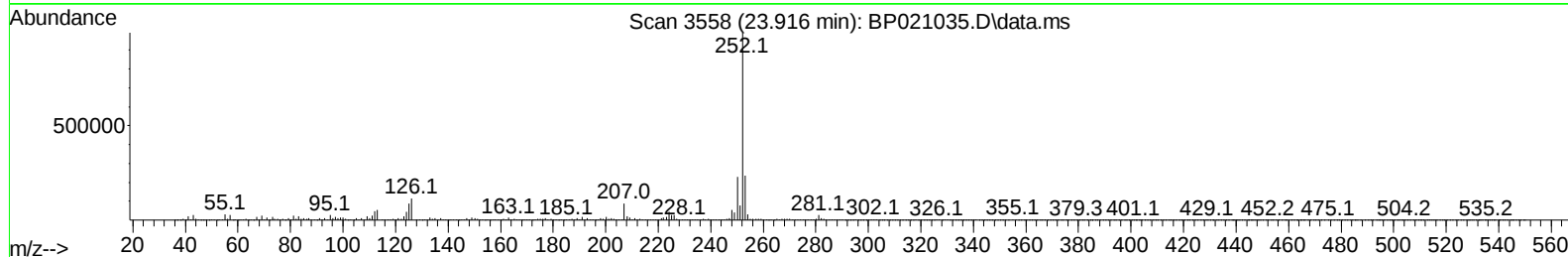
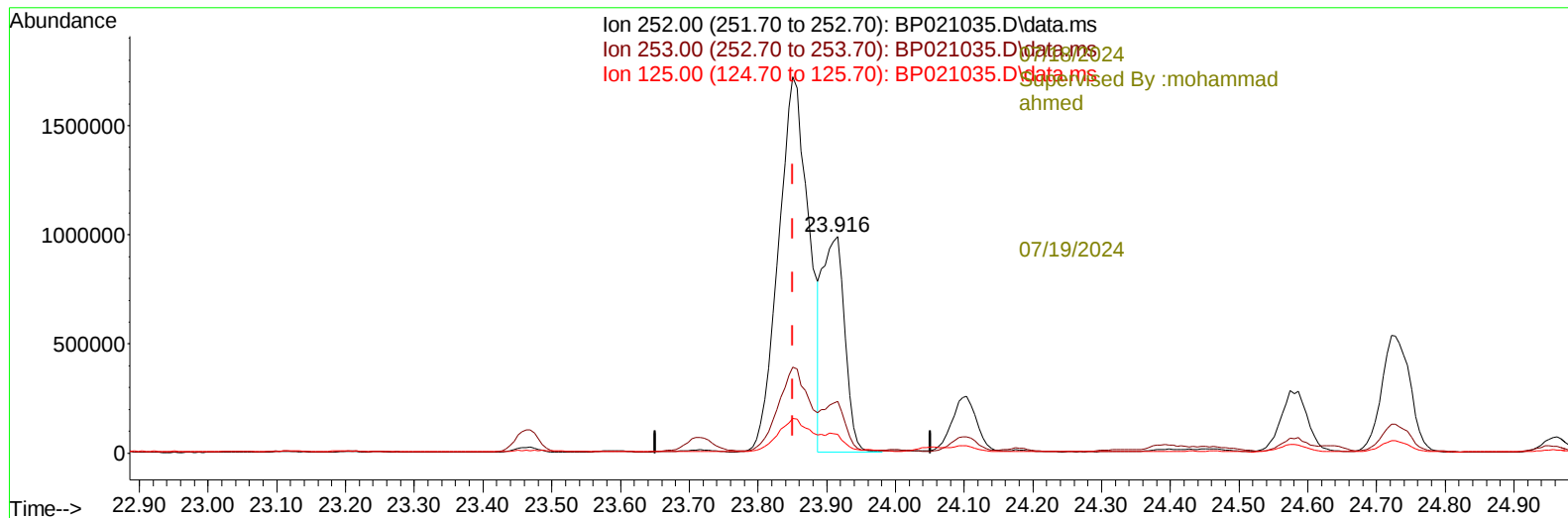
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021035.D
Acq On : 18 Jul 2024 04:20
Operator : MA/JU
Sample : P3215-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

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TIC: BP021035.D\data.ms

(91) Benzo(k)fluoranthene

23.916min (+ 0.065) 27.96 ng/ul m

response 2235439

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.85
125.00	9.20	8.74
0.00	0.00	0.00

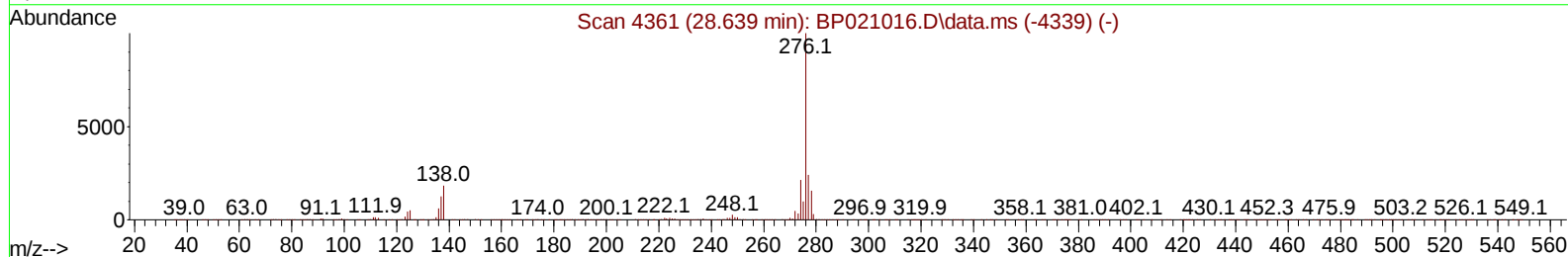
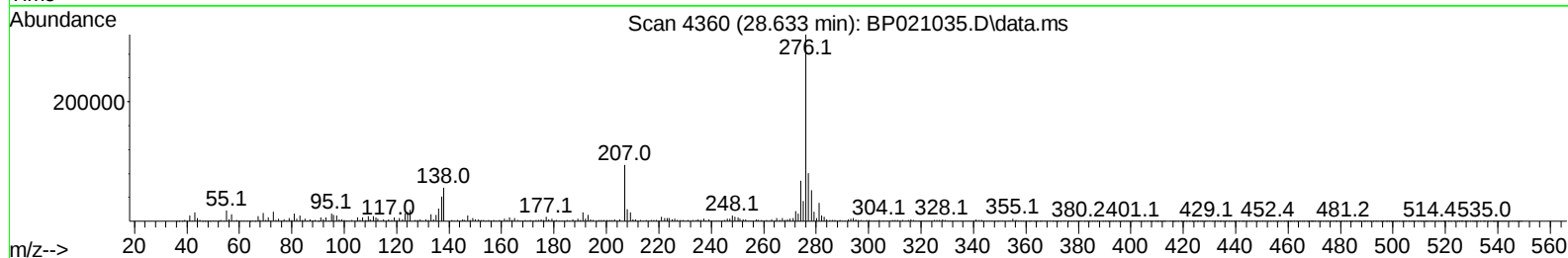
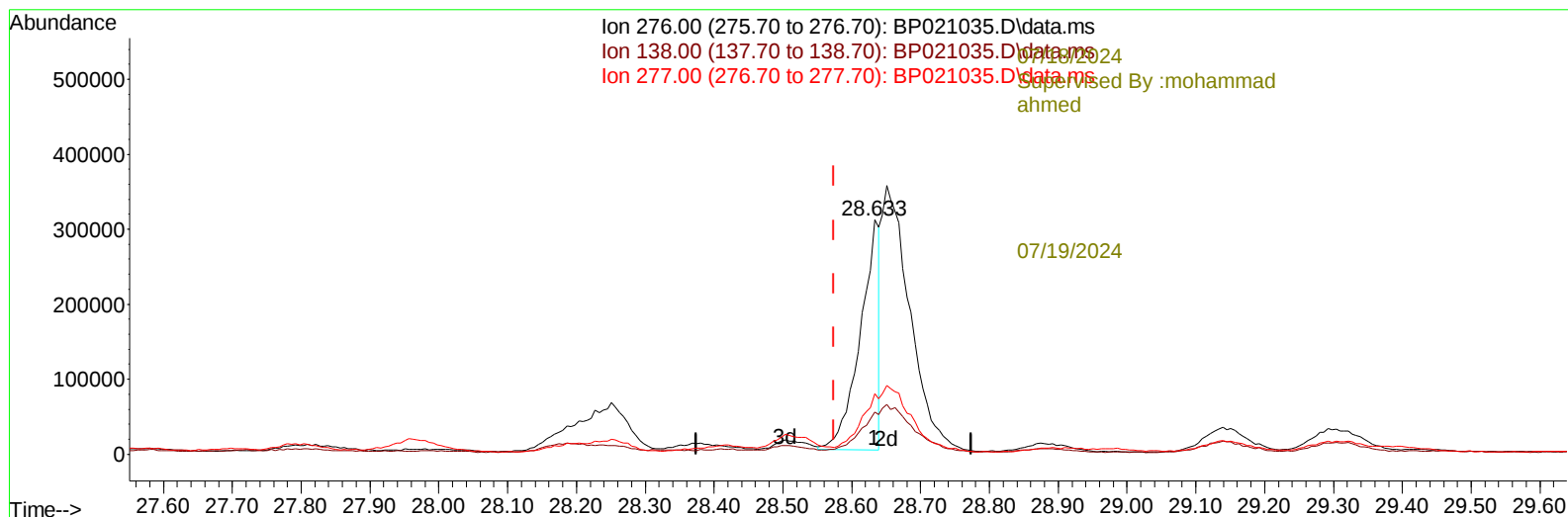
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021035.D
Acq On : 18 Jul 2024 04:20
Operator : MA/JU
Sample : P3215-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C09

Manual IntegrationsAPPROVED

Quant Time: Jul 18 05:23:43 2024
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TIC: BP021035.D\data.ms

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

28.633min (+ 0.059) 6.17 ng/u1

response 602266

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	18.05
277.00	24.00	25.83
0.00	0.00	0.00

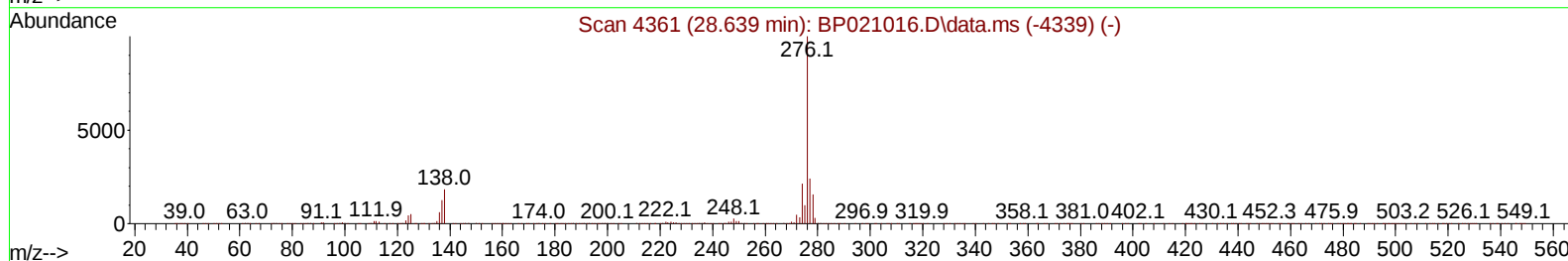
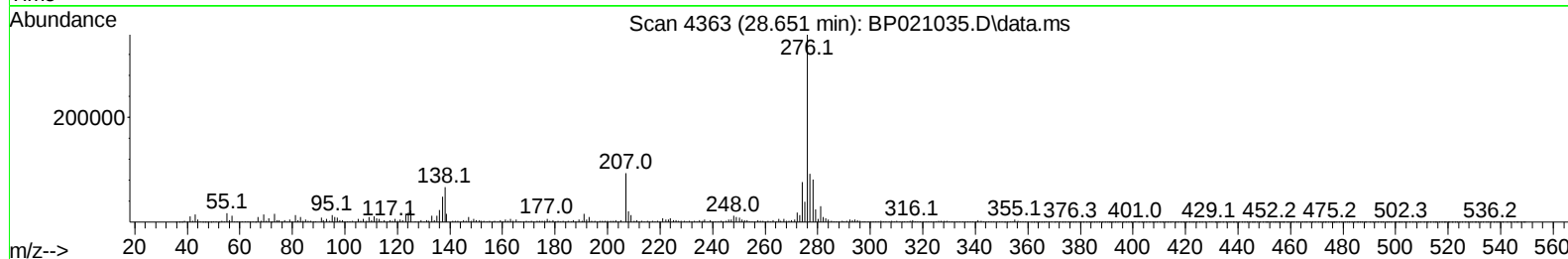
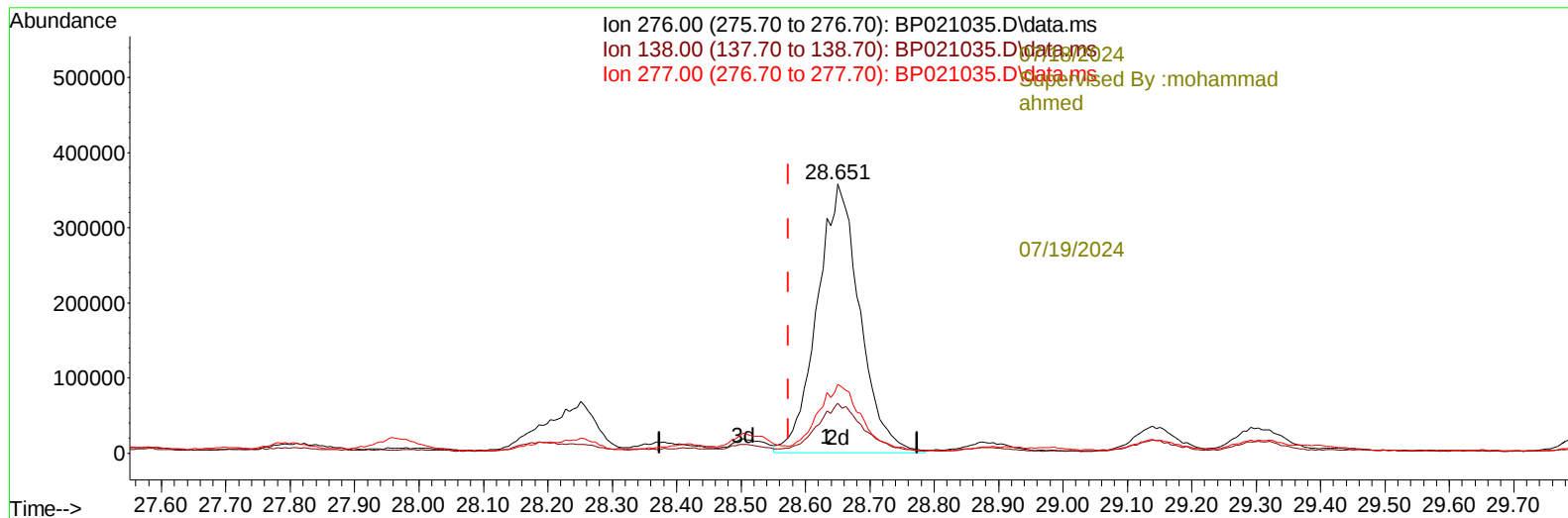
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021035.D
Acq On : 18 Jul 2024 04:20
Operator : MA/JU
Sample : P3215-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C09

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BP021035.D\data.ms

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

28.651min (+ 0.076) 16.98 ng/ul m

response 1656594

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	18.49
277.00	24.00	25.69
0.00	0.00	0.00

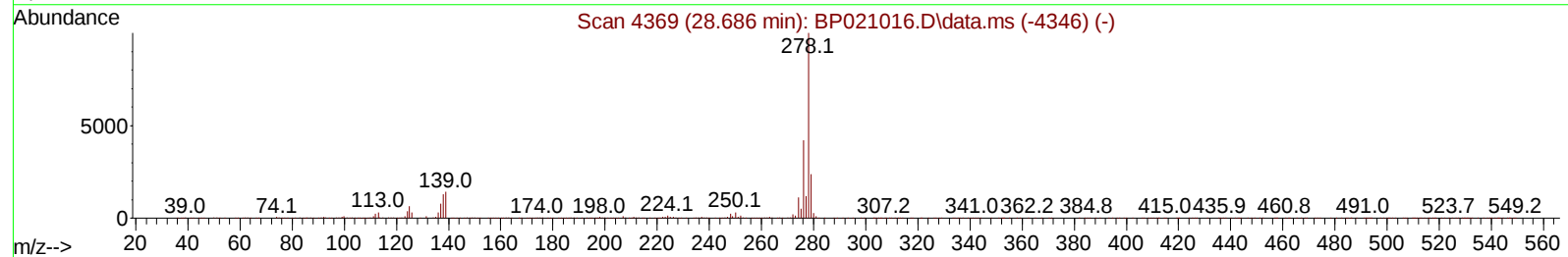
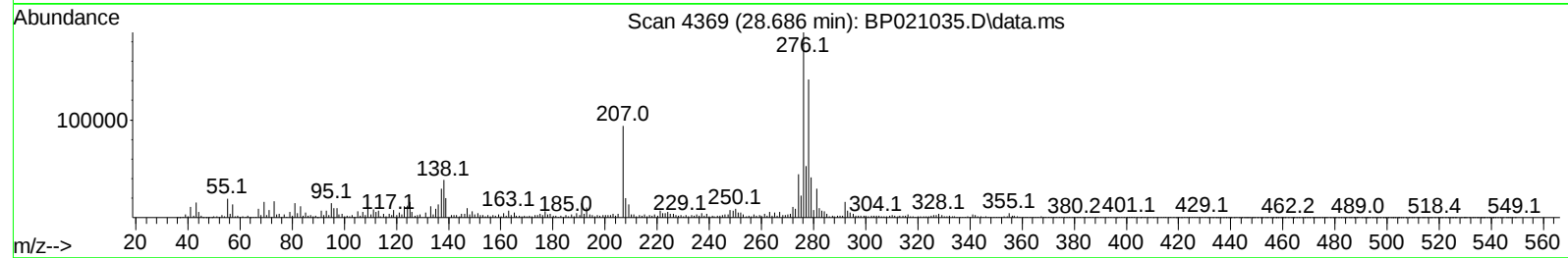
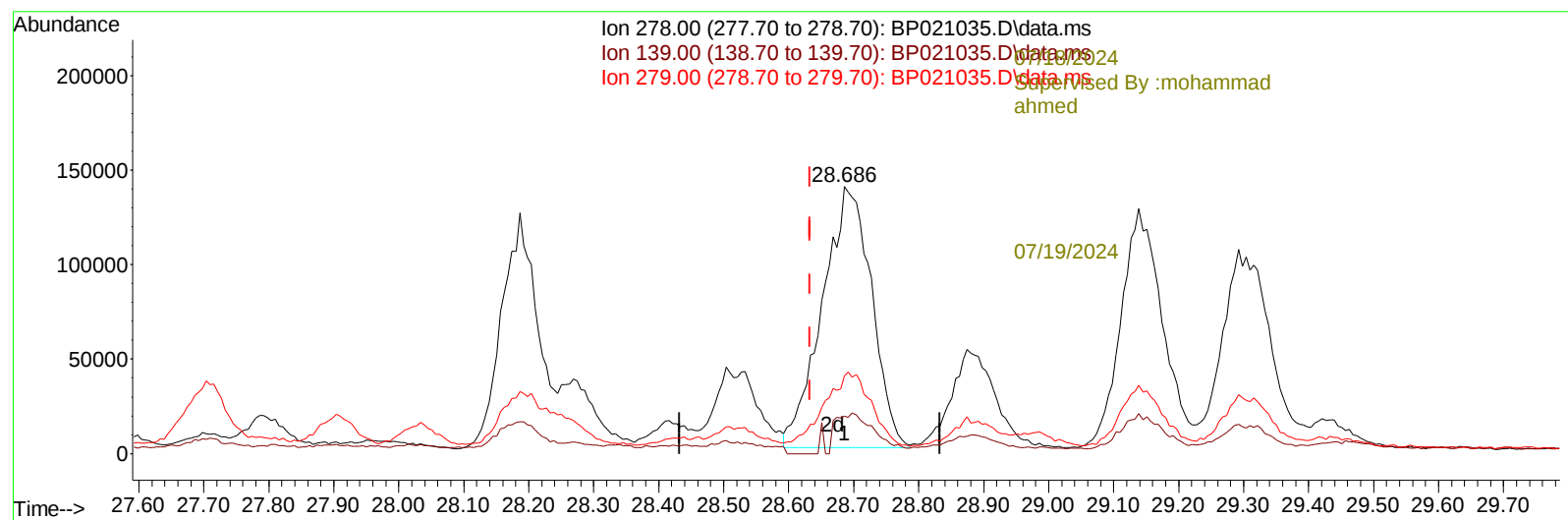
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021035.D
Acq On : 18 Jul 2024 04:20
Operator : MA/JU
Sample : P3215-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C09

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BP021035.D\data.ms

(95) Dibenzo(a,h)anthracene

28.686min (+ 0.053) 8.99 ng/ul m

response 726150

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	13.96
279.00	24.20	29.06#
0.00	0.00	0.00

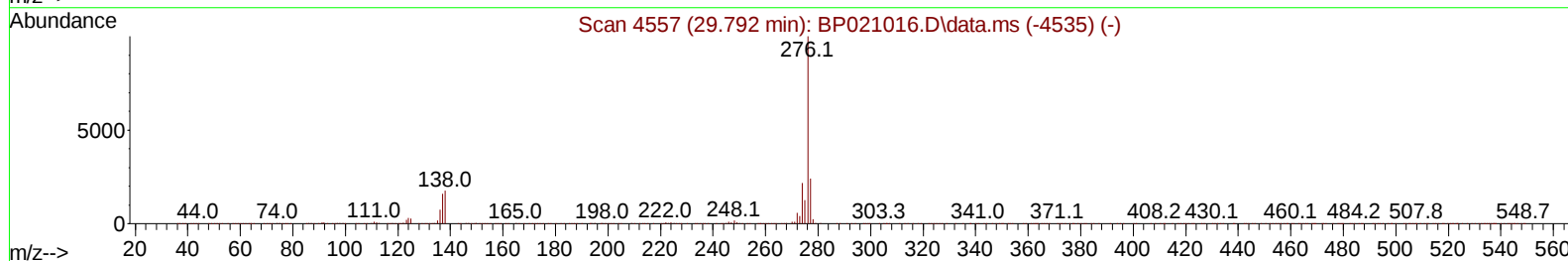
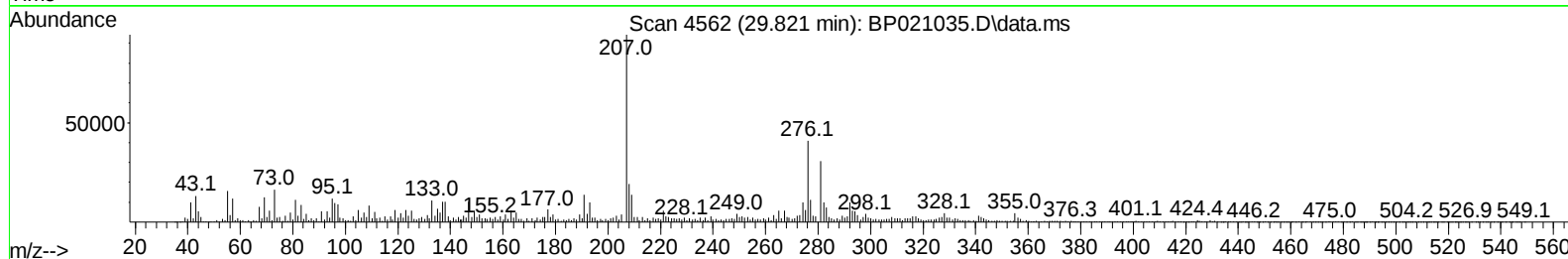
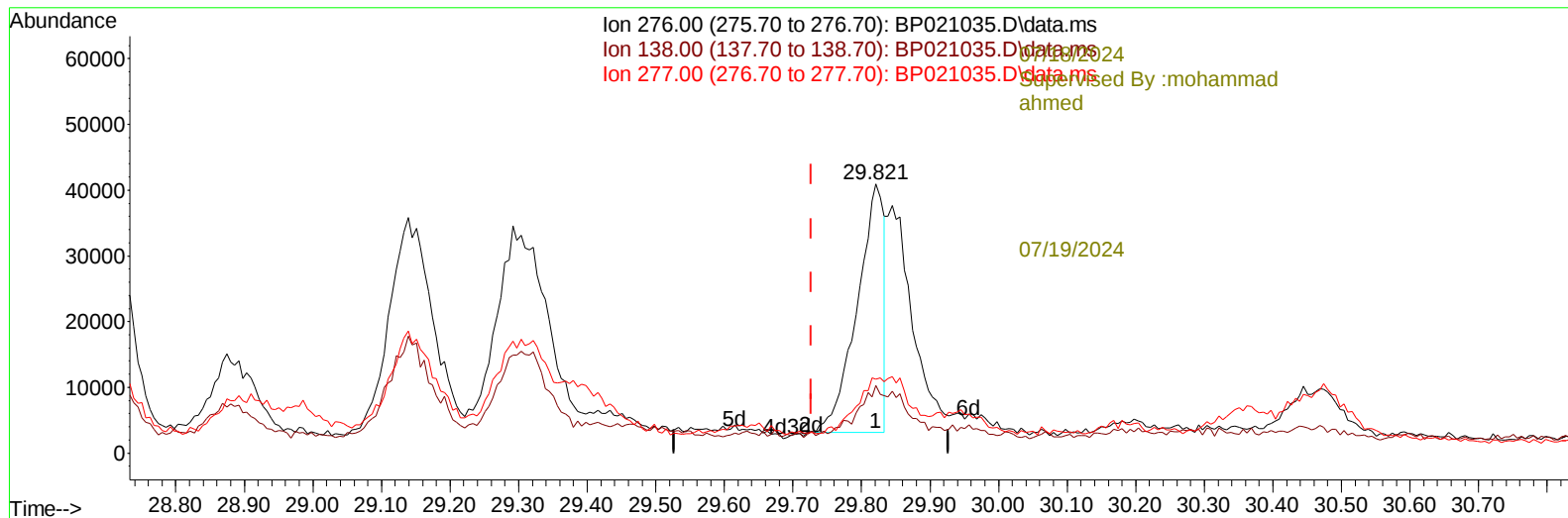
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Data File : BP021035.D
Acq On : 18 Jul 2024 04:20
Operator : MA/JU
Sample : P3215-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C09

Manual IntegrationsAPPROVED

Quant Time: Jul 18 05:23:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BP021035.D\data.ms

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

29.821min (+ 0.094) 1.30 ng/u1

response 102913

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	25.19#
277.00	22.70	27.50#
0.00	0.00	0.00

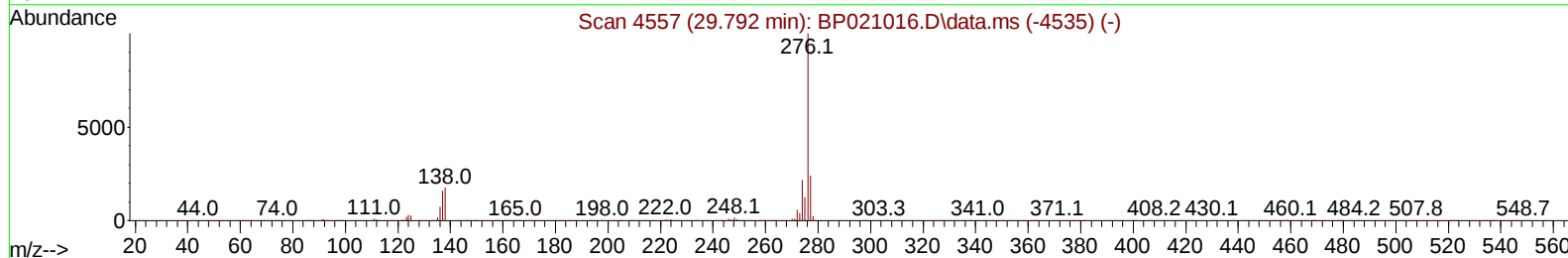
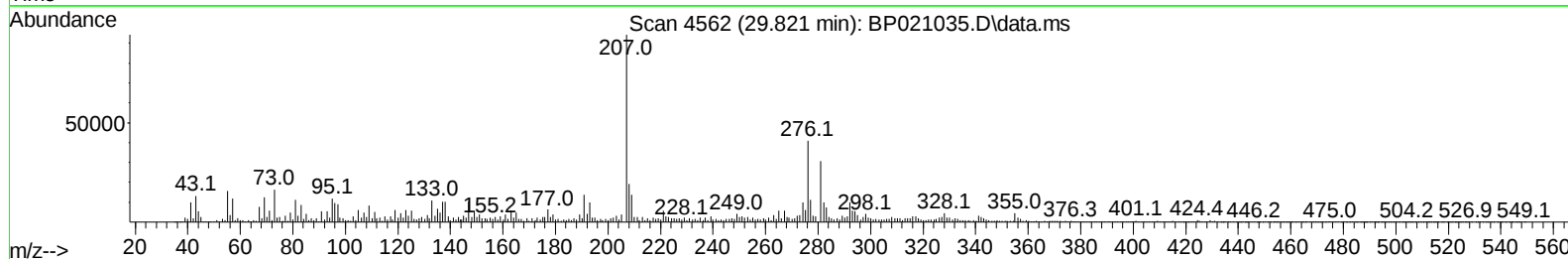
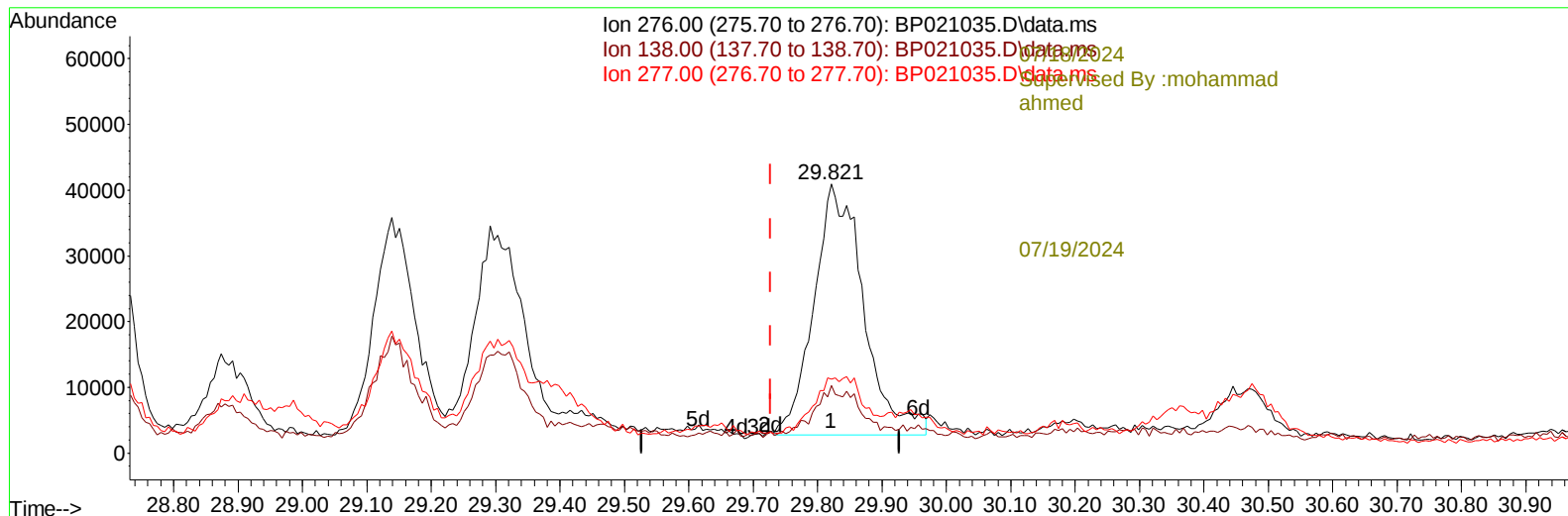
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021035.D
Acq On : 18 Jul 2024 04:20
Operator : MA/JU
Sample : P3215-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C09

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/19/2024



TIC: BP021035.D\data.ms

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

29.821min (+ 0.094) 2.56 ng/ul m

response 203612

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	25.19#
277.00	22.70	27.50#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
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 Acq On : 18 Jul 2024 04:20
 Operator : MA/JU
 Sample : P3215-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4C09

Manual IntegrationsAPPROVED

Quant Time: Jul 18 05:26:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
							07/18/2024
							Supervised By :mohammad
							ahmed
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.693	152		160151	20.000	ng/ul	0.00
20) Naphthalene-d8	10.452	136		690744	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164		512229	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188		1162715	20.000	ng/ul	0.01
79) Chrysene-d12	21.575	240		1068609	20.000	ng/ul	0.02
88) Perylene-d12	24.880	264		1320222	20.000	ng/ul	0.05
							05/19/2024
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.240	96		10324	2.934	ng/uL	0.00
4) Pyridine-d5	3.670	84		20846	2.046	ng/ul	0.02
7) Phenol-d5	6.905	99		260371	19.942	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.040	67		152205	19.236	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132		221740	20.612	ng/ul	0.00
15) 4-Methylphenol-d8	8.411	113		131043	12.084	ng/ul	0.02
21) Nitrobenzene-d5	8.840	128		110609	20.616	ng/ul	0.01
24) 2-Nitrophenol-d4	9.552	143		131039	21.340	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.099	165		224919	20.256	ng/ul	0.01
31) 4-Chloroaniline-d4	10.616	131		60485	4.112	ng/ul	0.03
46) Dimethylphthalate-d6	13.722	166		788310	21.170	ng/ul	0.01
49) Acenaphthylene-d8	14.010	160		902573	21.587	ng/ul	0.00
54) 4-Nitrophenol-d4	14.587	143		110968m	20.945	ng/ul	0.02
60) Fluorene-d10	15.328	176		711479	23.290	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200		96827	13.764	ng/ul	0.02
73) Anthracene-d10	17.234	188		1107378	21.443	ng/ul	0.01
81) Pyrene-d10	19.610	212		951248	14.398	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.663	264		689376	10.587	ng/ul	0.06
Target Compounds							Qvalue
30) Naphthalene	10.505	128		260651	7.174	ng/ul	98
36) 2-Methylnaphthalene	12.116	142		77798	3.119	ng/ul	99
37) 1-Methylnaphthalene	12.328	142		56233	2.192	ng/ul	95
50) Acenaphthylene	14.040	152		167670	3.542	ng/ul	99
52) Acenaphthene	14.381	153		354666	11.288	ng/ul	100
56) Dibenzofuran	14.722	168		328467	7.634	ng/ul	97
61) Fluorene	15.387	166		351644	10.015	ng/ul	99
72) Phenanthrene	17.181	178		6293212	104.336	ng/ul	99
74) Anthracene	17.269	178		1109844	18.049	ng/ul	100
77) Carbazole	17.551	167		552493	10.991	ng/ul	99
78) Di-n-butylphthalate	18.128	149		127841	1.843	ng/ul	96
80) Fluoranthene	19.269	202		8668068	108.644	ng/ul	98
82) Pyrene	19.645	202		5138457	63.291	ng/ul	100
83) Butylbenzylphthalate	20.586	149		45133	1.334	ng/ul#	90
85) Benzo(a)anthracene	21.557	228		4176948	55.799	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.463	149		336002	6.902	ng/ul#	97
87) Chrysene	21.622	228		4102932	58.986	ng/ul	97
90) Benzo(b)fluoranthene	23.851	252		5279980	65.903	ng/ul	97
91) Benzo(k)fluoranthene	23.916	252		2235439m	27.959	ng/ul	
93) Benzo(a)pyrene	24.721	252		1542704	20.377	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.651	276		1656594m	16.980	ng/ul	
95) Dibenzo(a,h)anthracene	28.686	278		726150m	8.988	ng/ul	
96) Benzo(g,h,i)perylene	29.821	276		203612m	2.563	ng/ul	

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 05:26:40 2024
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
-----07/18/2024								
-----Supervised By :mohammad								
ahmed								

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

07/19/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021035.D
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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