

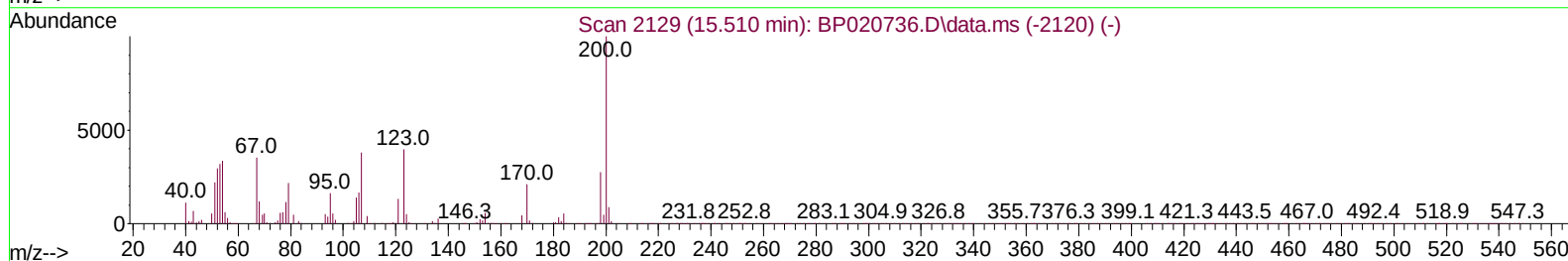
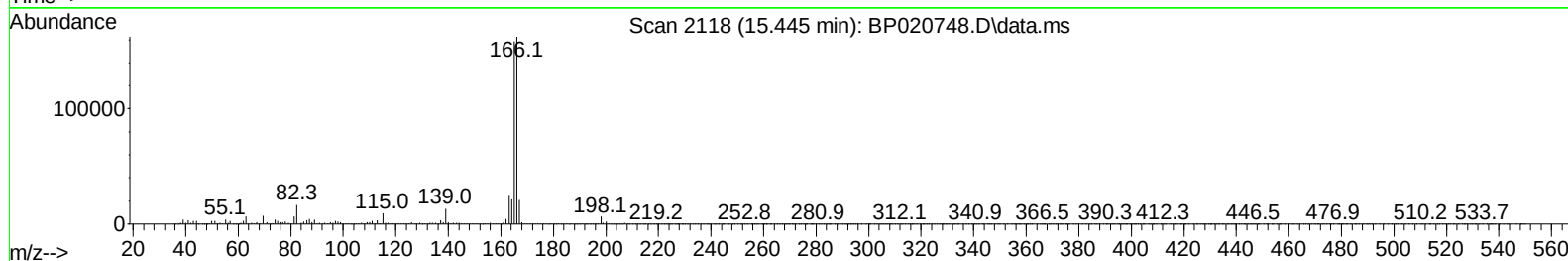
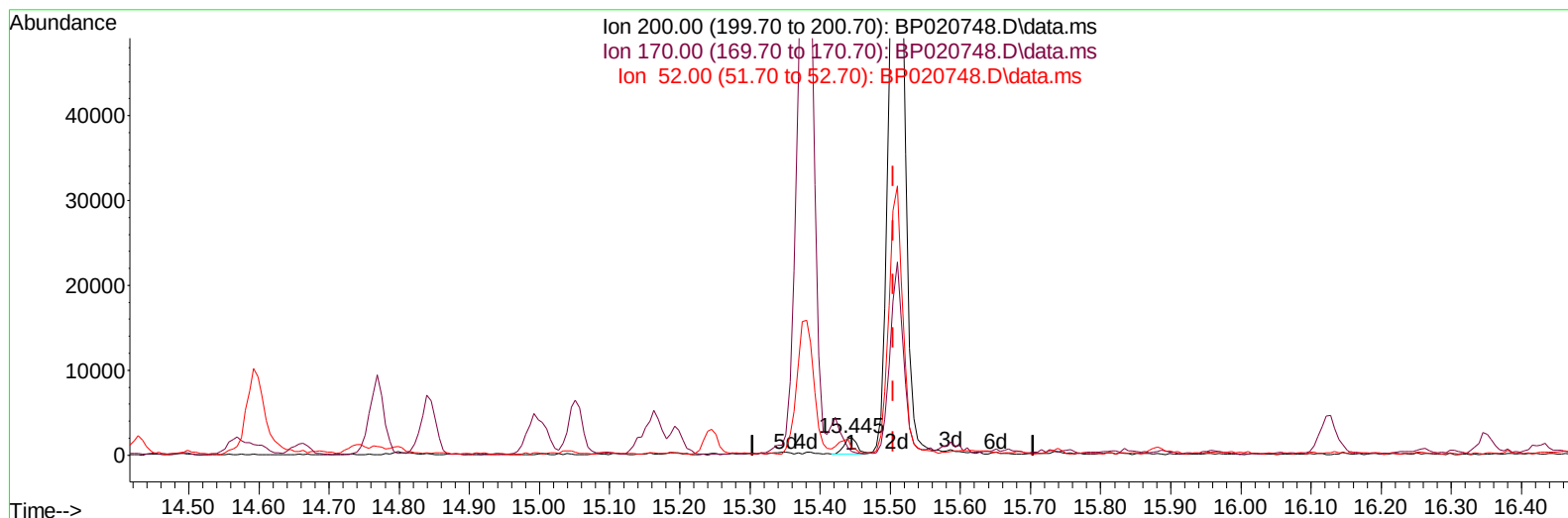
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020748.D
Acq On : 02 Jul 2024 13:02
Operator : MA/JU
Sample : P2963-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B48

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 15:33:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration



TIC: BP020748.D\data.ms

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

15.445min (-0.059) 0.47 ng/ul

response 2494

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	20.80	21.72
52.00	45.40	38.11
0.00	0.00	0.00

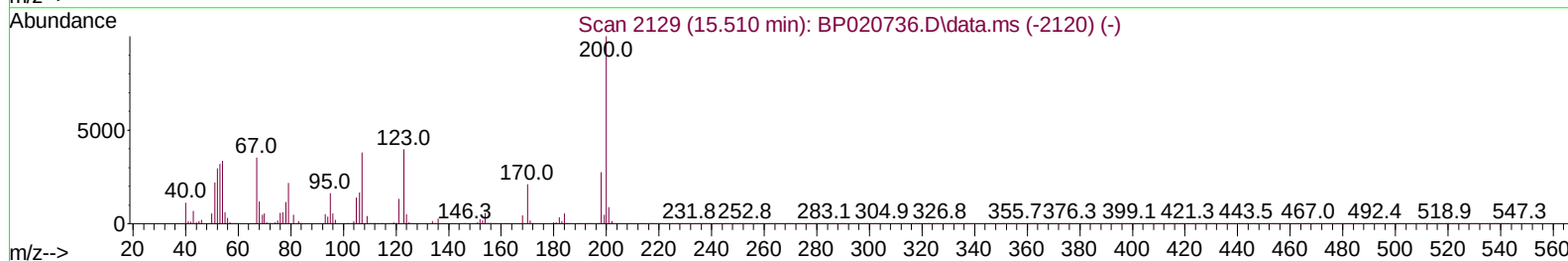
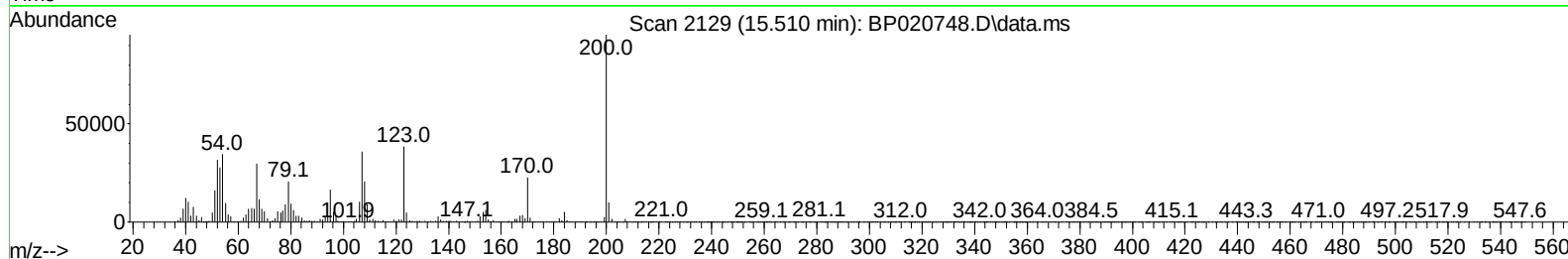
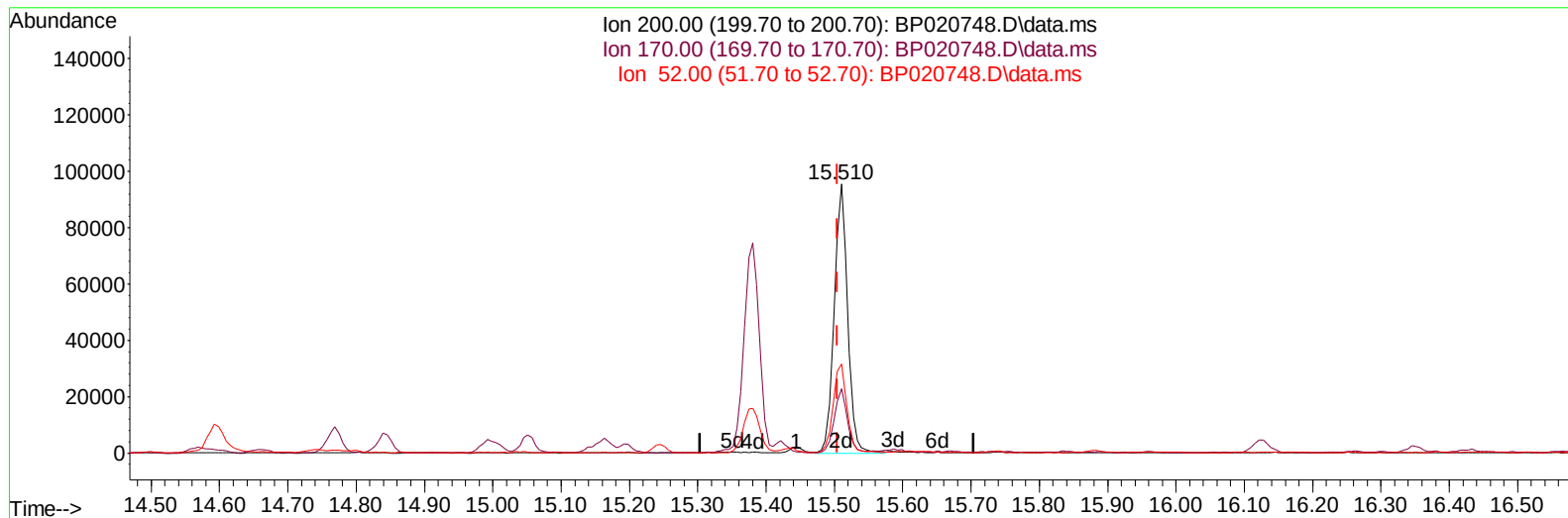
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020748.D
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BP020748.D\data.ms

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

15.510min (+ 0.006) 24.69 ng/ul m

response 130089

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	20.80	23.84
52.00	45.40	33.21#
0.00	0.00	0.00

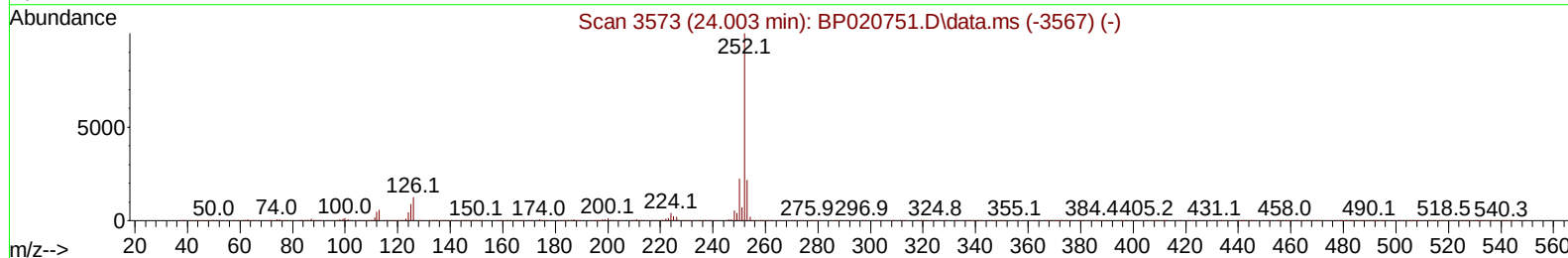
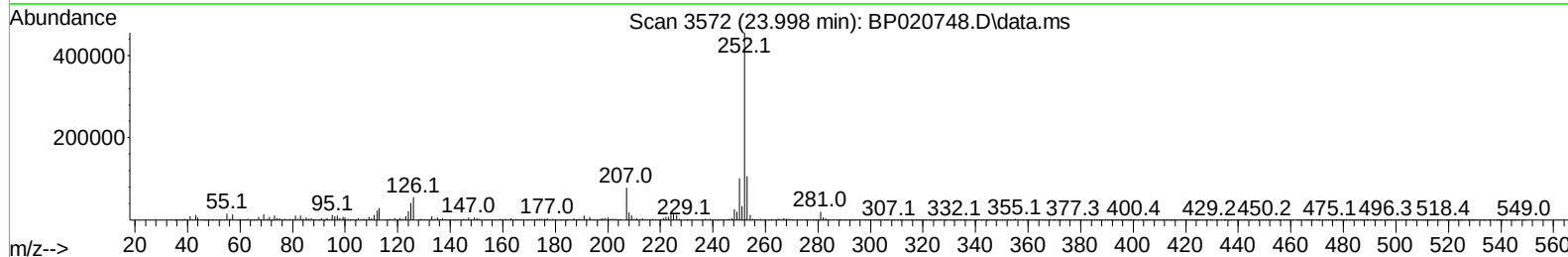
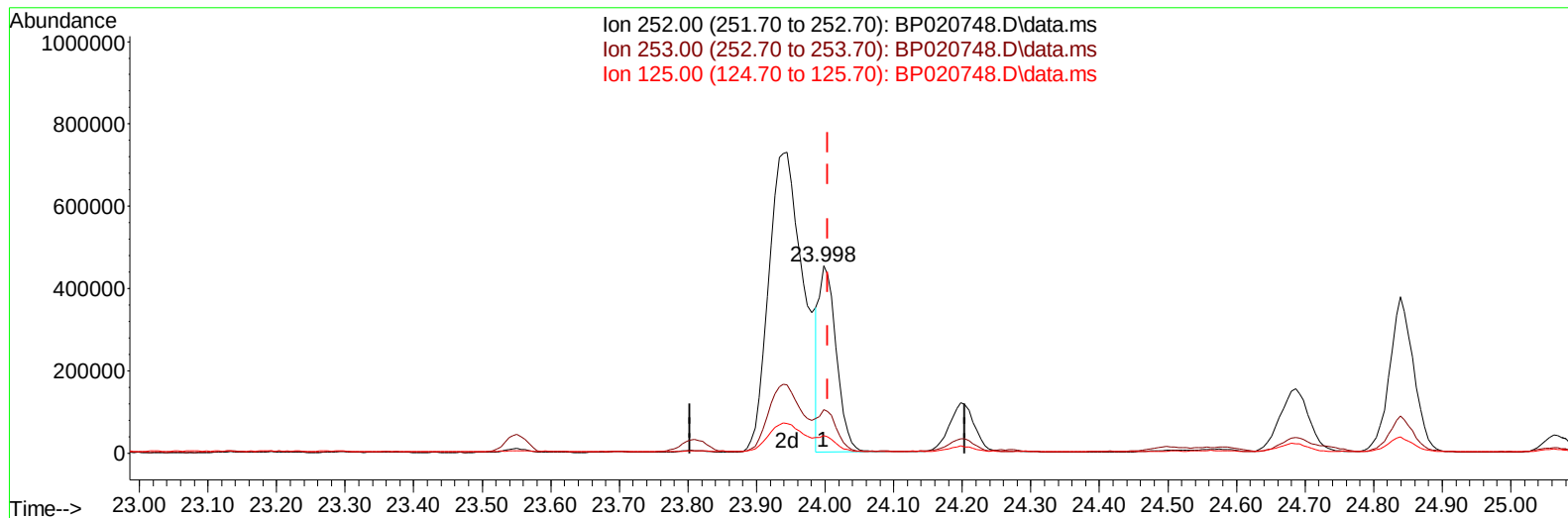
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Data File : BP020748.D
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Sample : P2963-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B48

Manual IntegrationsAPPROVED

Quant Time: Jul 02 15:36:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
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TIC: BP020748.D\data.ms

(91) Benzo(k)fluoranthene

23.998min (-0.006) 15.98 ng/u1

response 790381

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.36
125.00	9.90	9.26
0.00	0.00	0.00

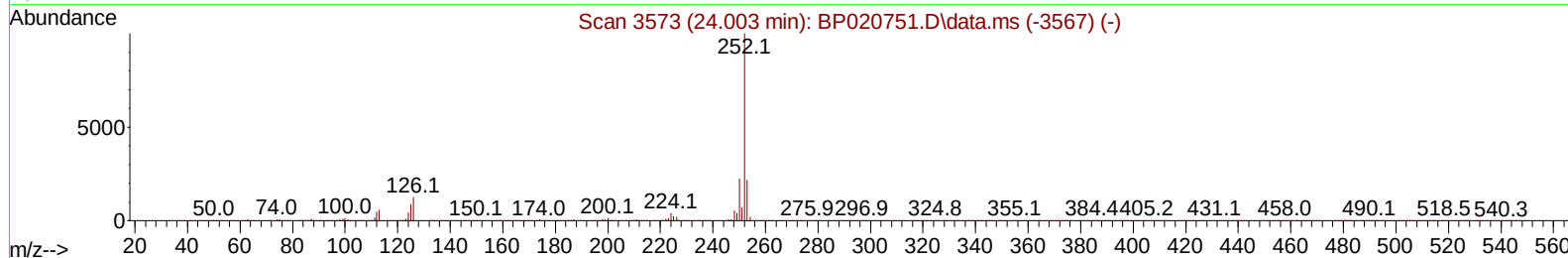
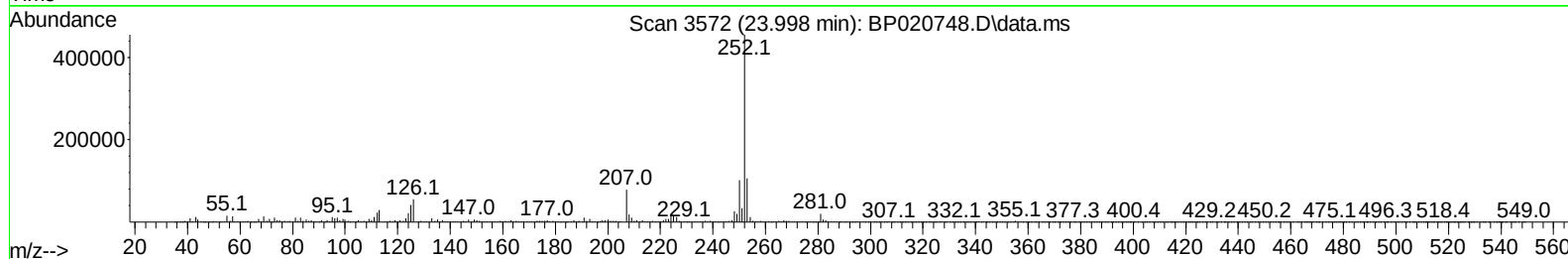
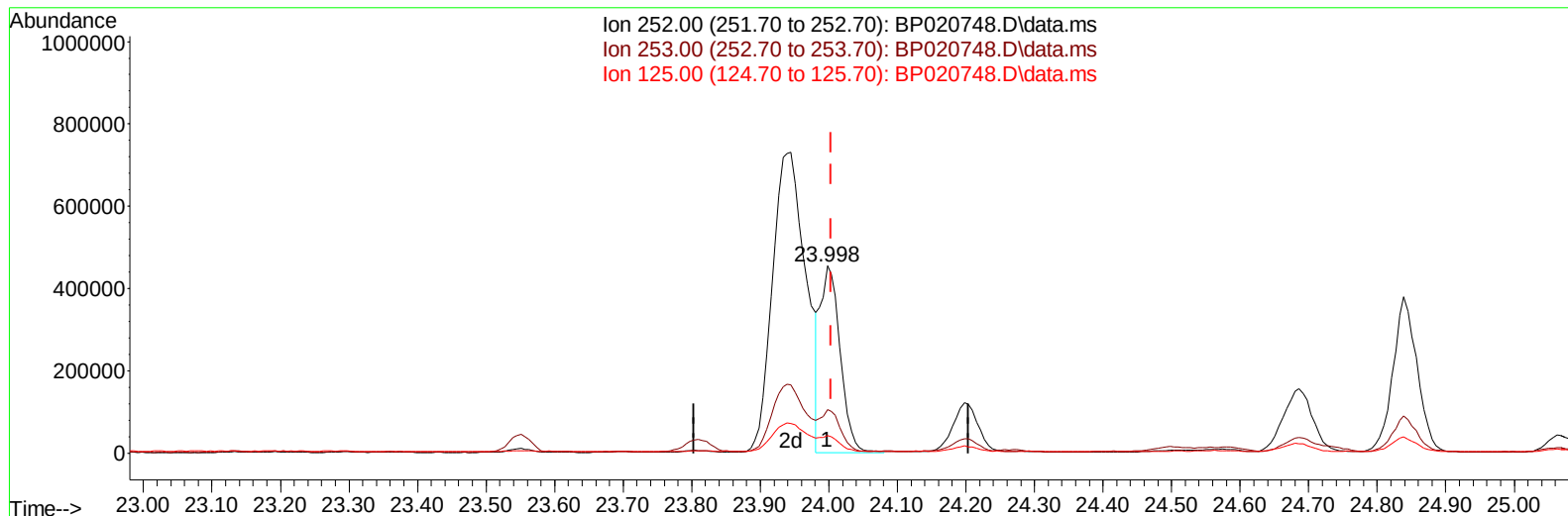
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B48

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TIC: BP020748.D\data.ms

(91) Benzo(k)fluoranthene

23.998min (-0.006) 18.79 ng/u1 m

response 929217

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.36
125.00	9.90	9.26
0.00	0.00	0.00

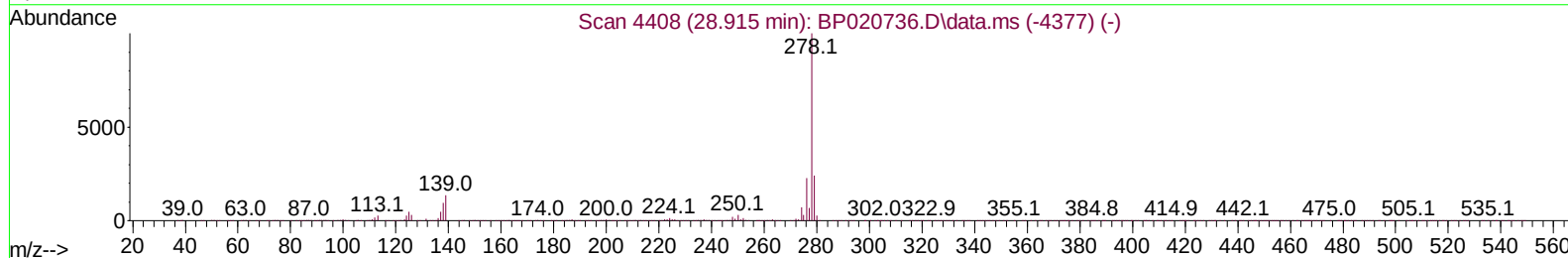
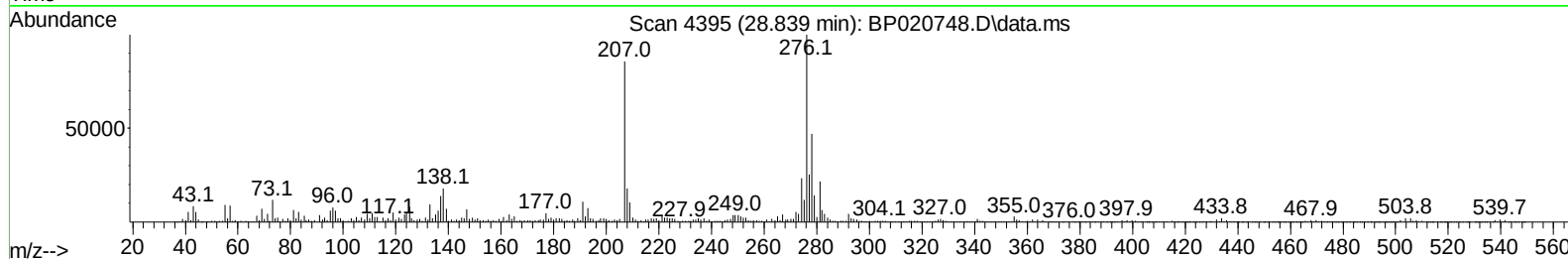
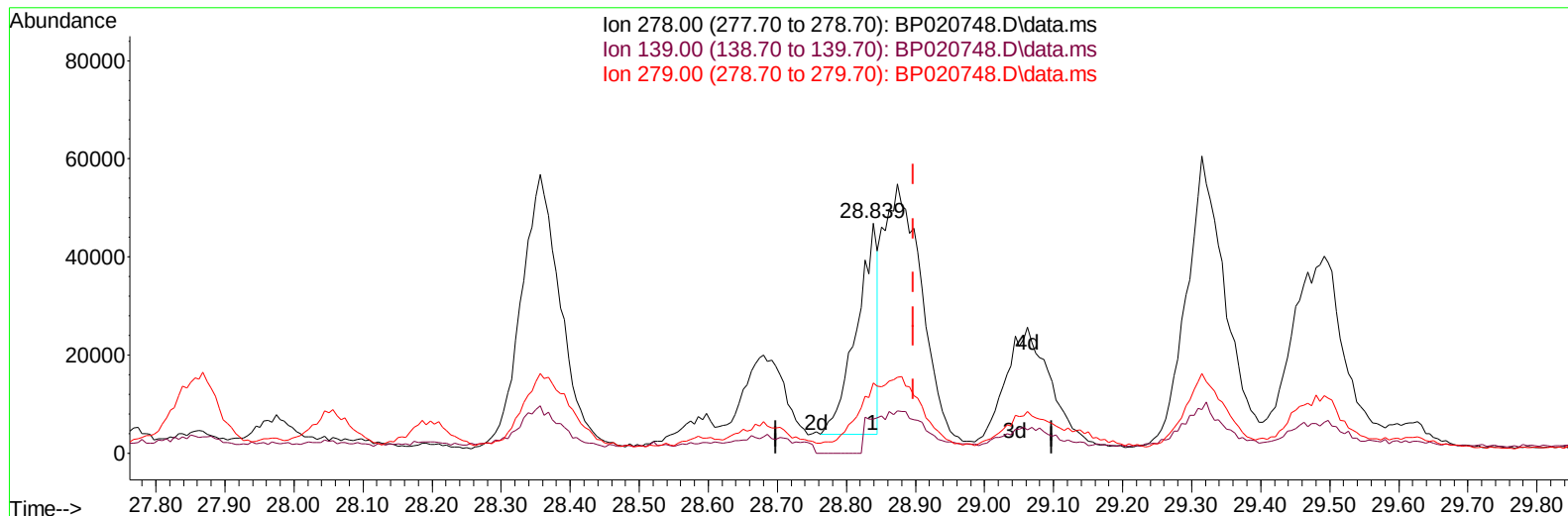
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
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Manual IntegrationsAPPROVED

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TIC: BP020748.D\data.ms

(95) Dibenzo(a,h)anthracene

28.839min (-0.059) 1.90 ng/u1

response 92392

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.90	14.82
279.00	23.40	30.53#
0.00	0.00	0.00

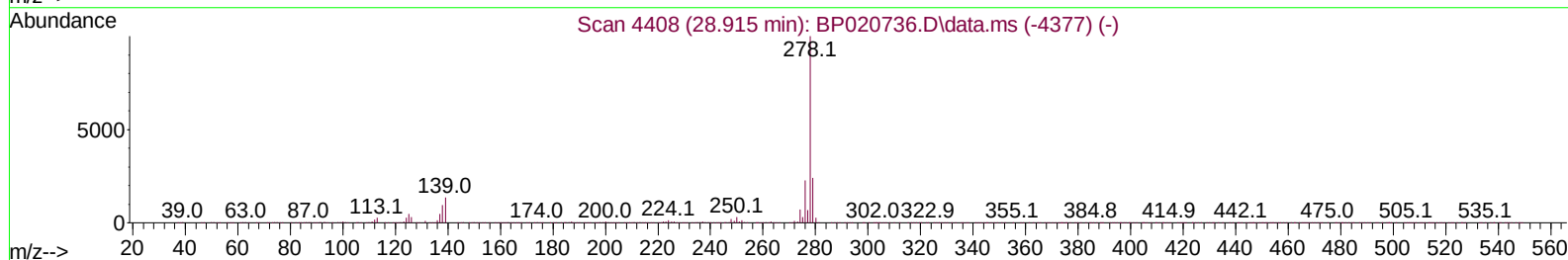
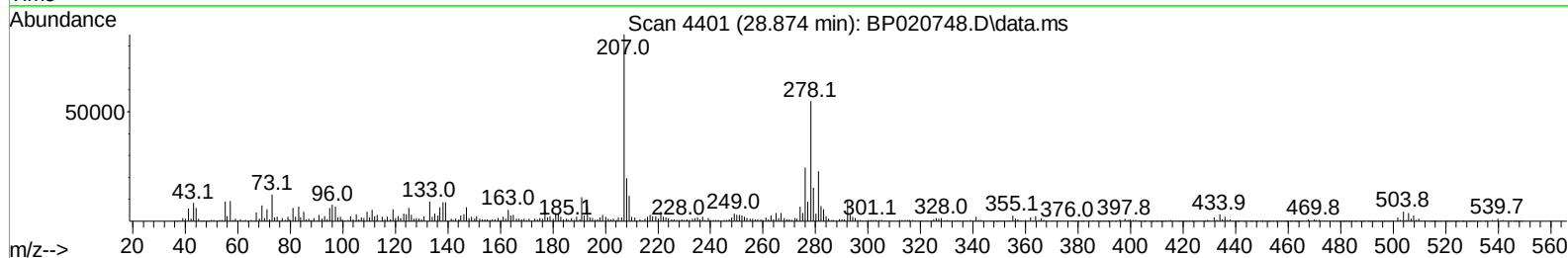
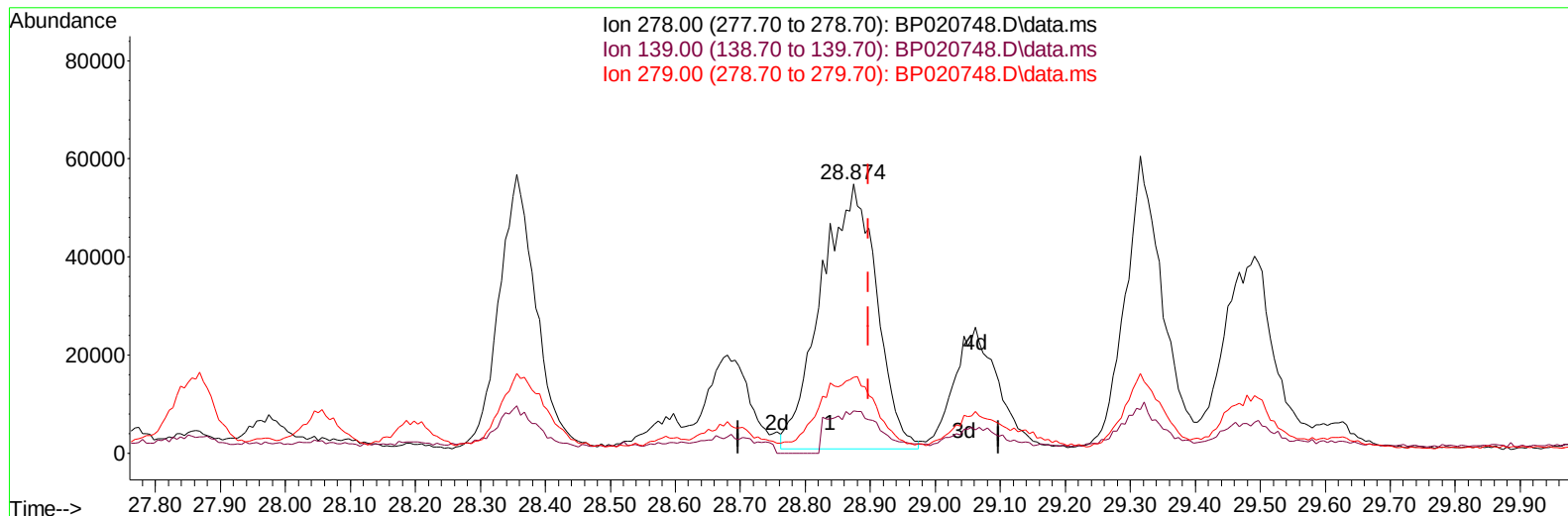
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020748.D
Acq On : 02 Jul 2024 13:02
Operator : MA/JU
Sample : P2963-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B48

Manual IntegrationsAPPROVED

Quant Time: Jul 02 15:33:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BP020748.D\data.ms

(95) Dibenzo(a,h)anthracene

28.874min (-0.024) 6.52 ng/ul m

response 317439

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.90	15.80
279.00	23.40	28.11#
0.00	0.00	0.00

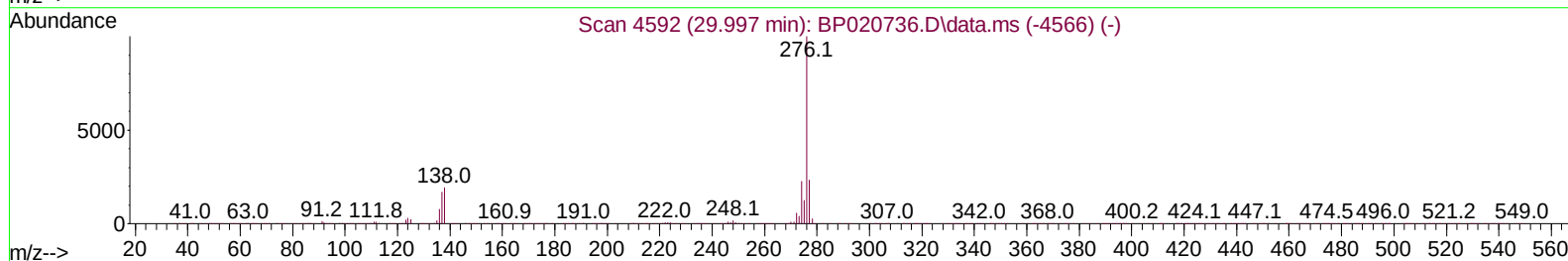
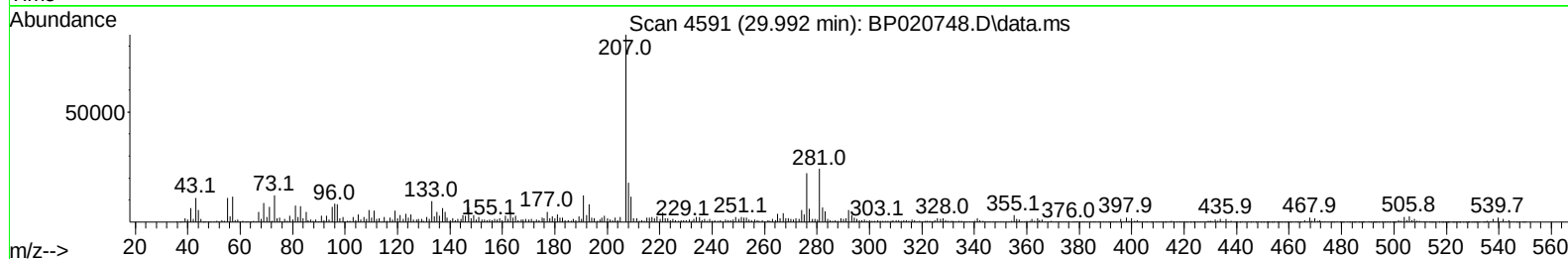
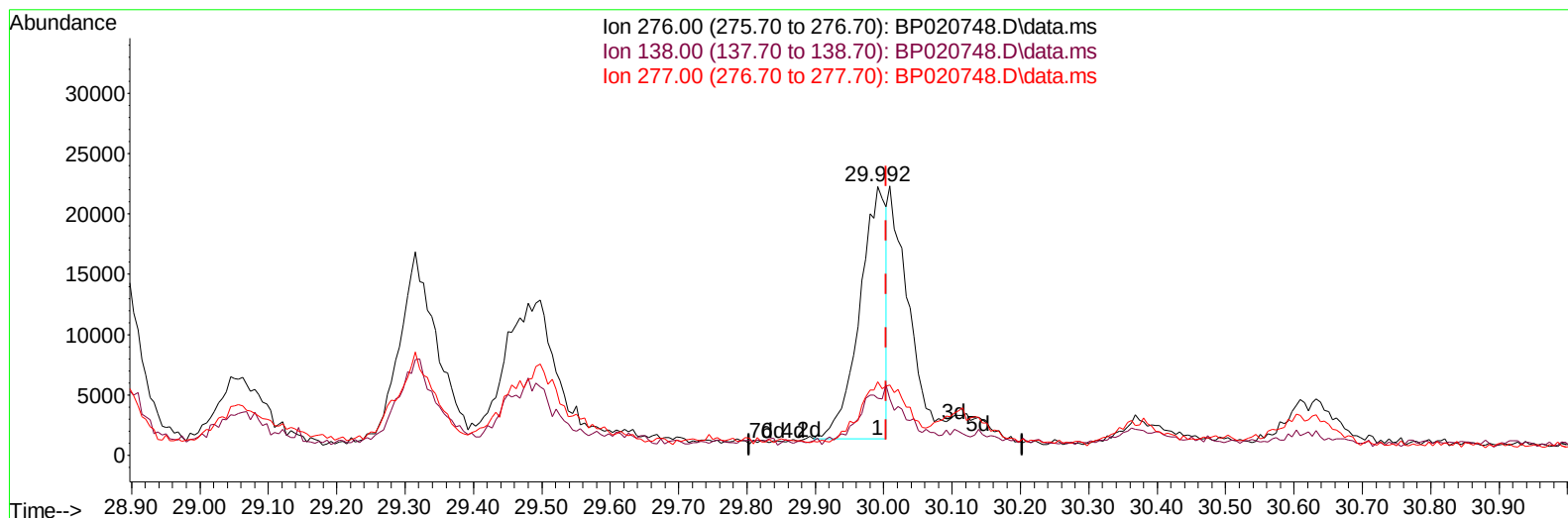
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Operator : MA/JU
Sample : P2963-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
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A4B48

Manual IntegrationsAPPROVED

Quant Time: Jul 02 15:33:04 2024
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Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BP020748.D\data.ms

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

29.992min (-0.012) 1.16 ng/u1

response 56251

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	21.04
277.00	23.40	27.38
0.00	0.00	0.00

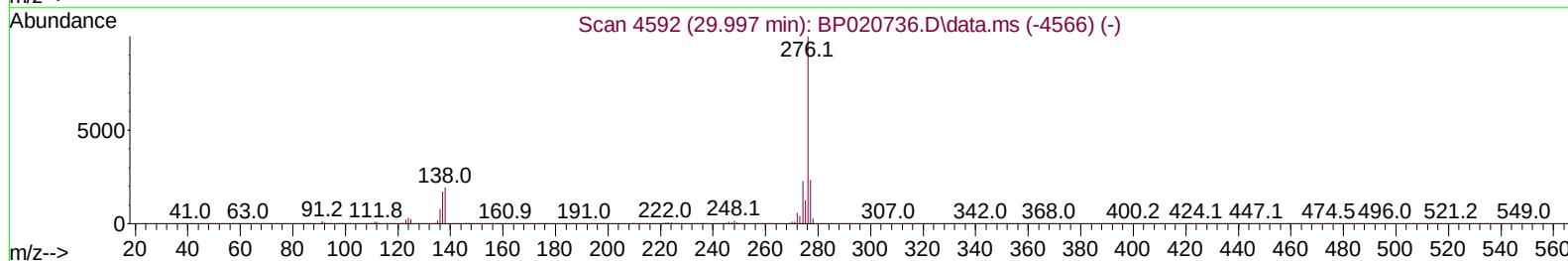
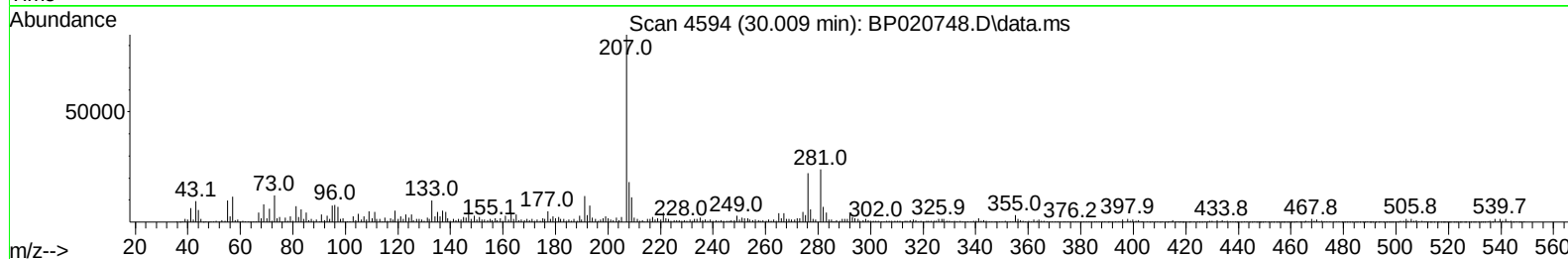
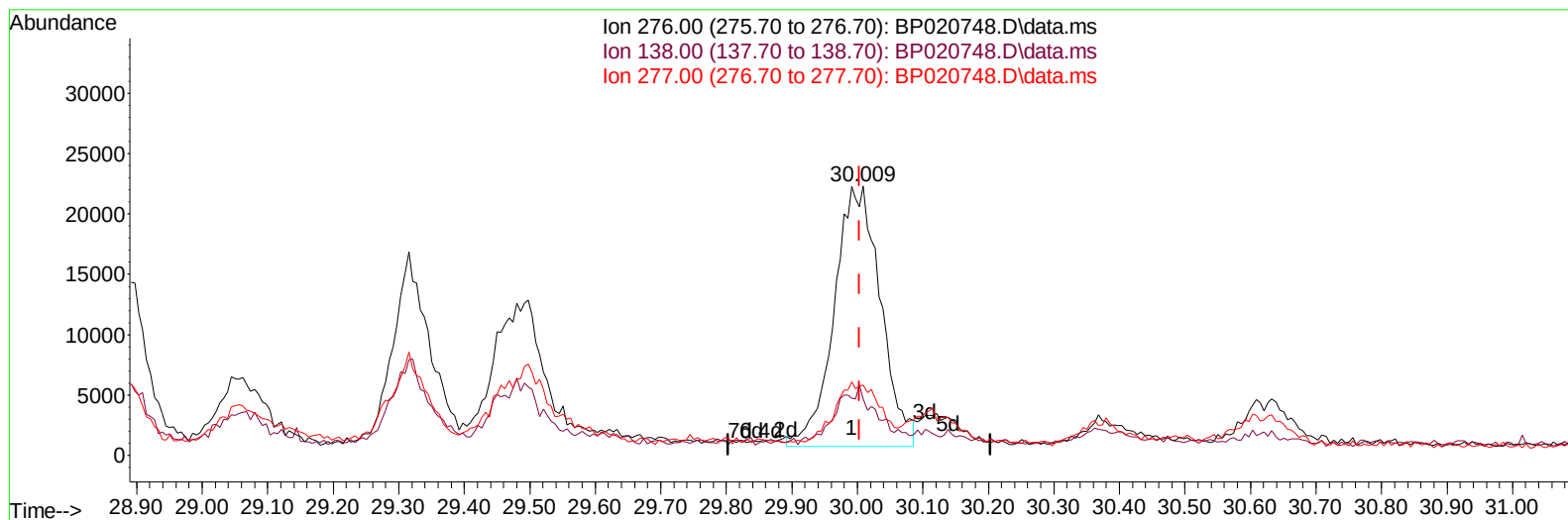
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020748.D
Acq On : 02 Jul 2024 13:02
Operator : MA/JU
Sample : P2963-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B48

Manual IntegrationsAPPROVED

Quant Time: Jul 02 15:33:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BP020748.D\data.ms

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

30.009min (+ 0.006) 2.20 ng/ul m

response 106442

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	21.00
277.00	23.40	26.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020748.D
 Acq On : 02 Jul 2024 13:02
 Operator : MA/JU
 Sample : P2963-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B48

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:17:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
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Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152		206679	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.504	136		847376	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.363	164		548253	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188		1045419	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240		670115	20.000	ng/ul	0.00
88) Perylene-d12	24.992	264		807047	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.275	96		17464	3.628	ng/uL	0.00
4) Pyridine-d5	3.693	84		43053	3.069	ng/ul	0.00
7) Phenol-d5	6.922	99		372509	21.975	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67		241594	22.481	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.275	132		320499	23.134	ng/ul	-0.01
15) 4-Methylphenol-d8	8.446	113		127988	9.296	ng/ul	0.00
21) Nitrobenzene-d5	8.887	128		163160	26.080	ng/ul	0.00
24) 2-Nitrophenol-d4	9.604	143		183311	29.280	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165		314483	24.386	ng/ul	0.00
31) 4-Chloroaniline-d4	10.651	131		168709	9.335	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166		1136702	29.819	ng/ul	-0.01
49) Acenaphthylene-d8	14.051	160		1218073	26.779	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.592	143		139047	23.874	ng/ul	0.00
60) Fluorene-d10	15.381	176		960513	29.944	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200		130089m	24.693	ng/ul	0.00
73) Anthracene-d10	17.286	188		1287676	27.445	ng/ul	0.00
81) Pyrene-d10	19.663	212		1111963	27.621	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.762	264		753201	19.186	ng/ul	0.00
Target Compounds							
						Qvalue	
30) Naphthalene	10.557	128		238870	5.267	ng/ul	99
36) 2-Methylnaphthalene	12.163	142		67971	2.237	ng/ul	98
37) 1-Methylnaphthalene	12.393	142		46852	1.509	ng/ul	96
52) Acenaphthene	14.428	153		408394	11.982	ng/ul	99
56) Dibenzofuran	14.769	168		425090	9.256	ng/ul	100
61) Fluorene	15.434	166		591423	16.027	ng/ul	99
72) Phenanthrene	17.228	178		6212452	113.482	ng/ul	99
74) Anthracene	17.316	178		1374096	24.402	ng/ul	99
77) Carbazole	17.598	167		704182	15.152	ng/ul	99
80) Fluoranthene	19.316	202		6458438	131.335	ng/ul	99
82) Pyrene	19.698	202		3892427	77.180	ng/ul	97
85) Benzo(a)anthracene	21.616	228		2194263	46.717	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.557	149		484183	16.652	ng/ul	99
87) Chrysene	21.686	228		2054258	46.271	ng/ul	97
90) Benzo(b)fluoranthene	23.945	252		2452460	50.161	ng/ul	99
91) Benzo(k)fluoranthene	23.998	252		929217m	18.789	ng/ul	
93) Benzo(a)pyrene	24.839	252		922658	19.991	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.803	276		817080	13.802	ng/ul	97
95) Dibenzo(a,h)anthracene	28.874	278		317439m	6.524	ng/ul	
96) Benzo(g,h,i)perylene	30.009	276		106442m	2.202	ng/ul	

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

Instrument :

BNA_P

ClientSampleId :

A4B48

Manual IntegrationsAPPROVED

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