

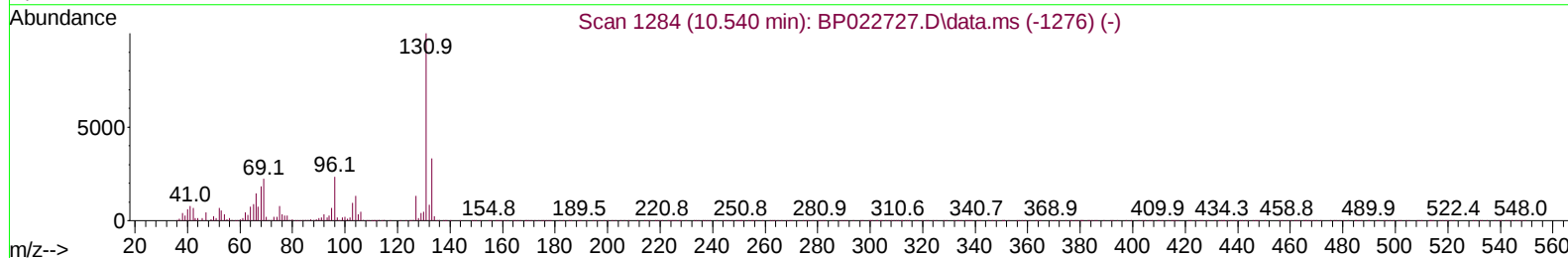
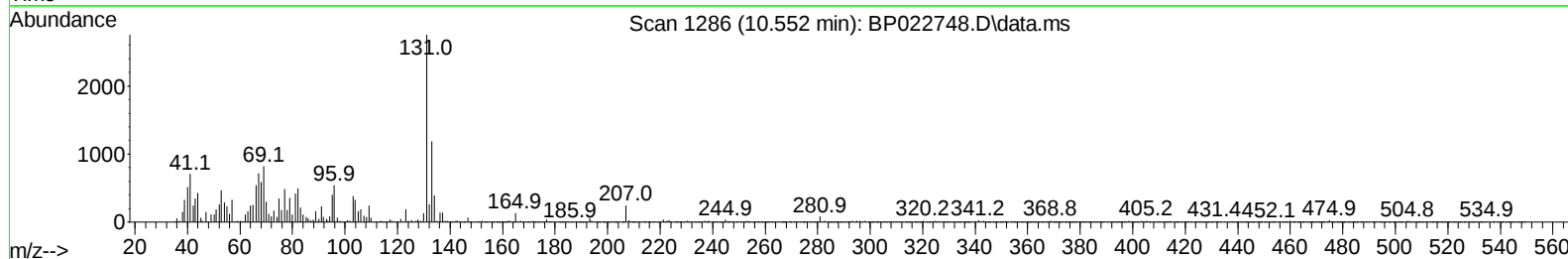
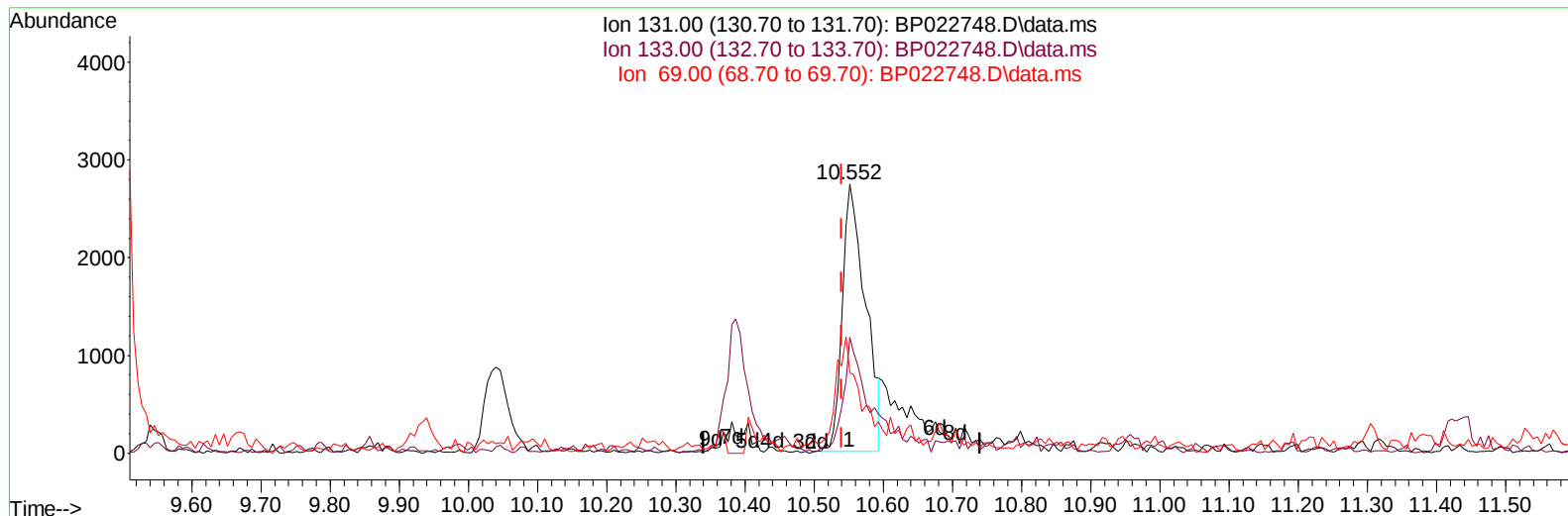
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

Manual IntegrationsAPPROVED

Quant Time: Oct 31 12:37:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022748.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.552min (+ 0.012) 0.93 ng/u1

response 6345

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.80	43.12#
69.00	22.00	29.82#
0.00	0.00	0.00

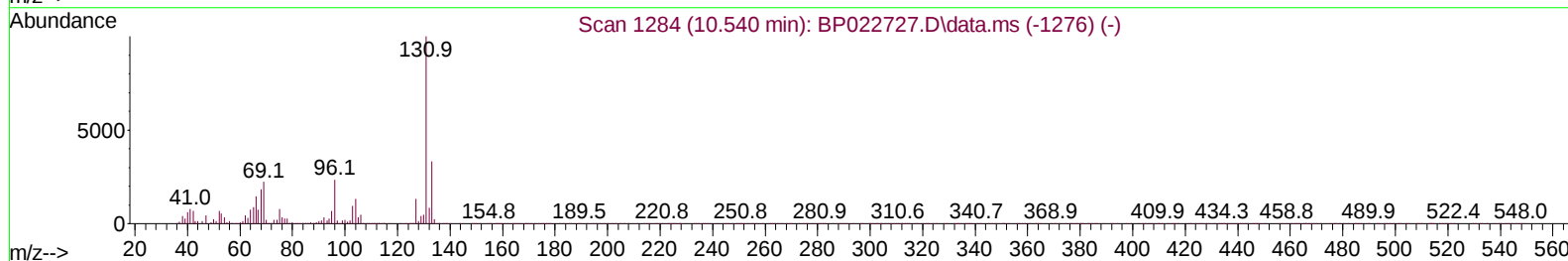
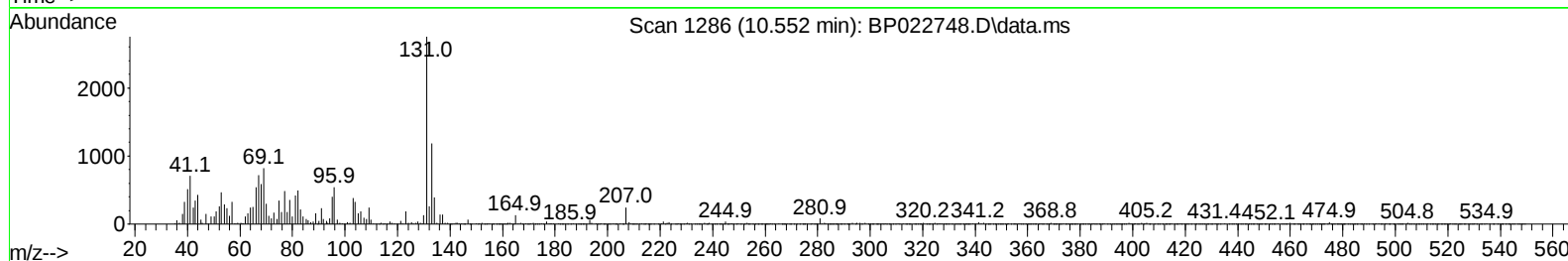
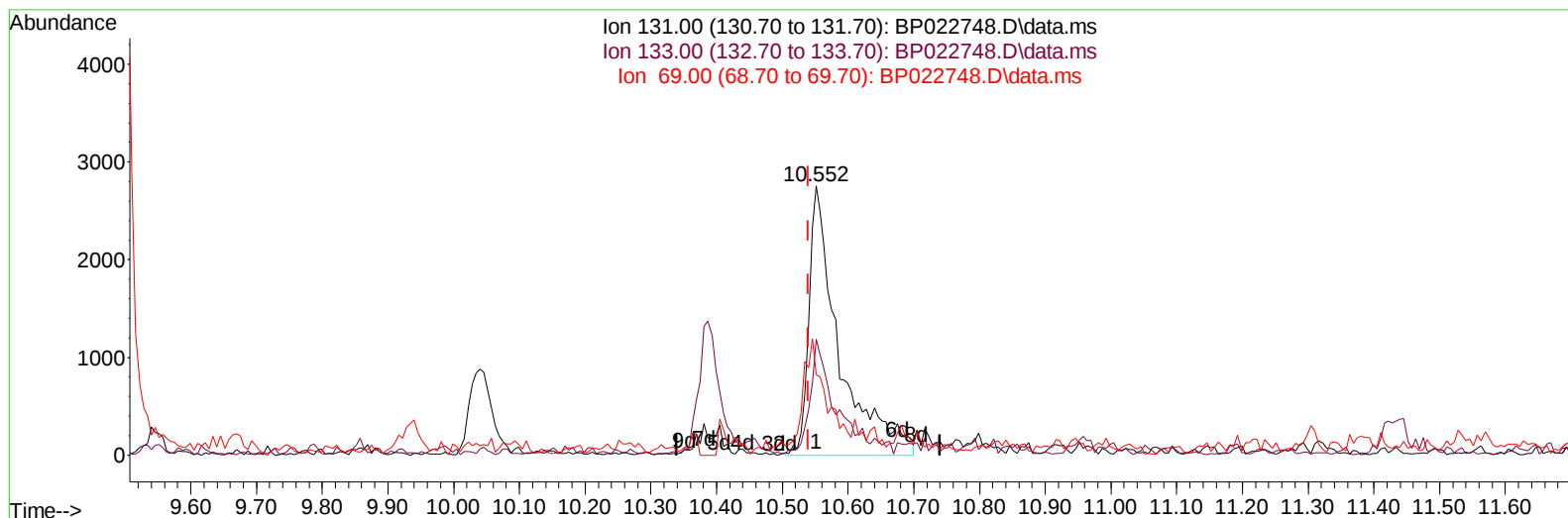
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Oct 31 12:37:52 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022748.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.552min (+ 0.012) 1.29 ng/ul m

response 8813

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.80	43.12#
69.00	22.00	29.82#
0.00	0.00	0.00

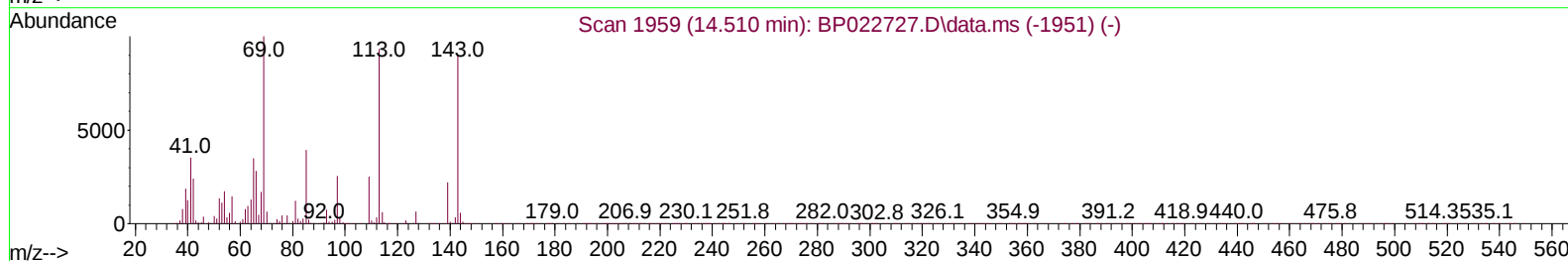
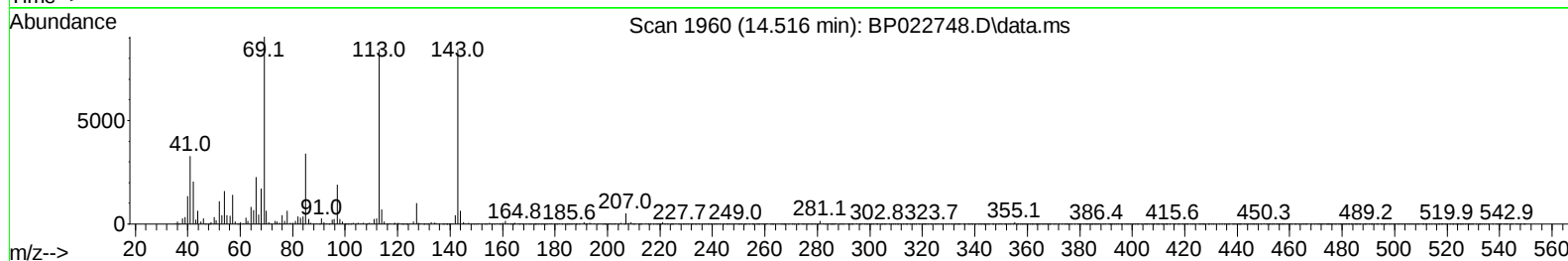
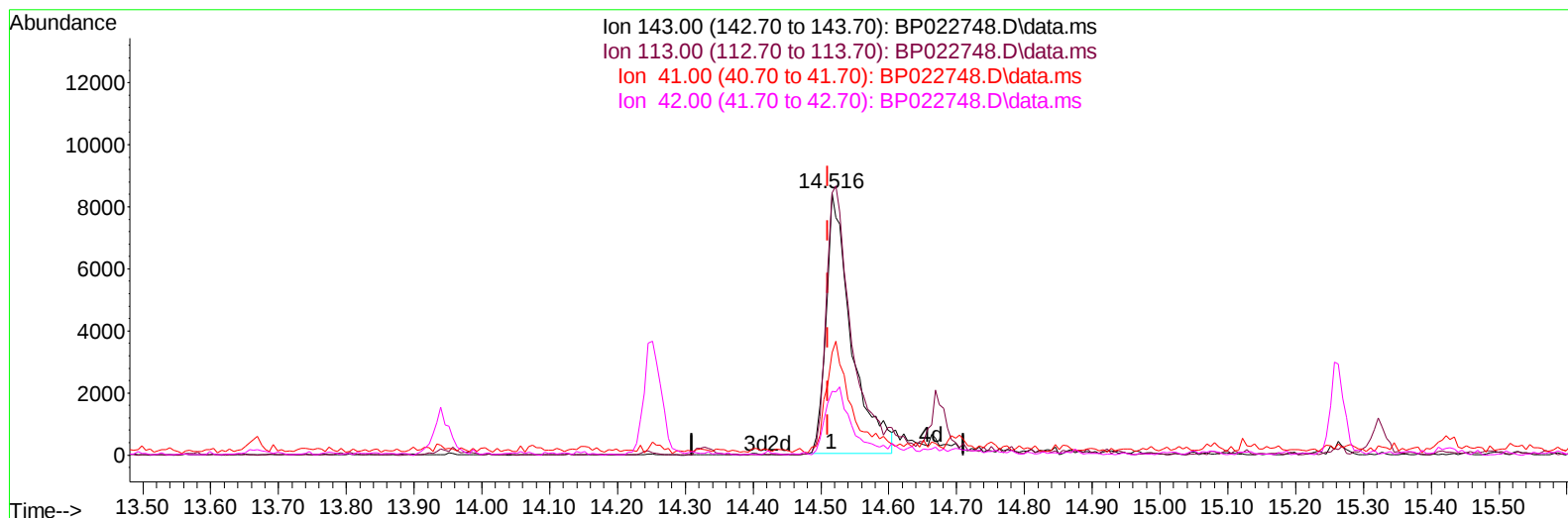
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

Manual IntegrationsAPPROVED

Quant Time: Oct 31 12:37:52 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
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Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022748.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.516min (+ 0.006) 6.81 ng/u1

response 21483

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	100.04
41.00	35.90	39.03
42.00	23.70	24.35

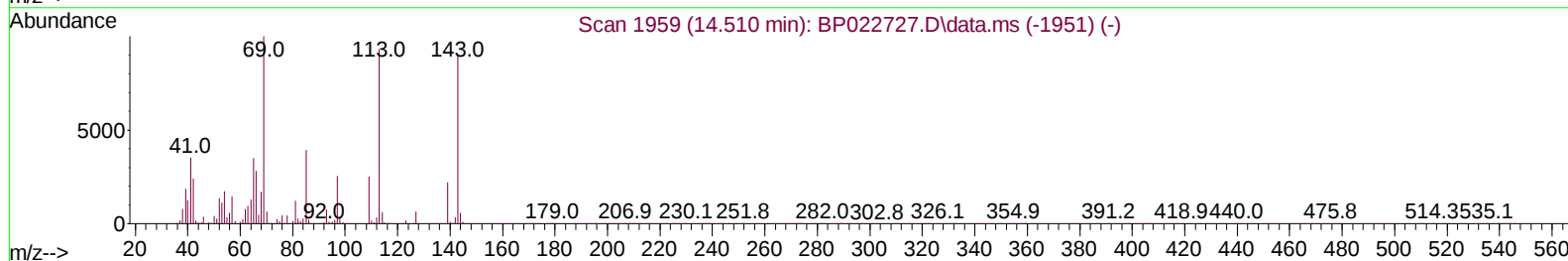
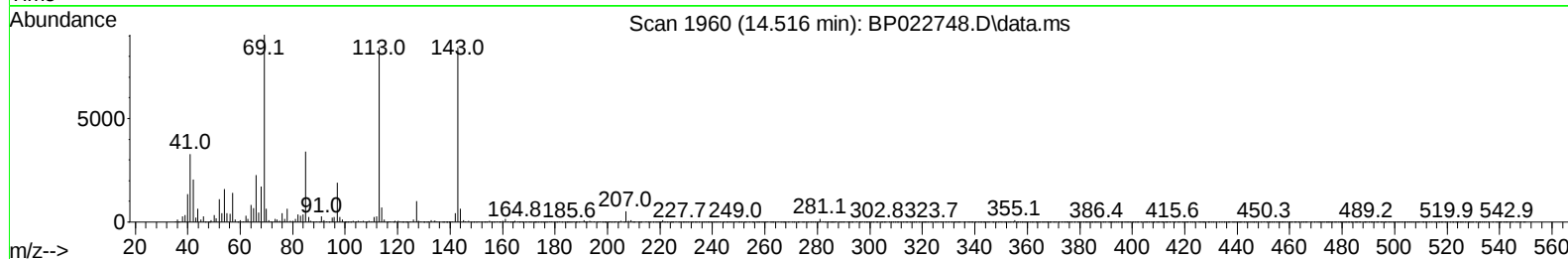
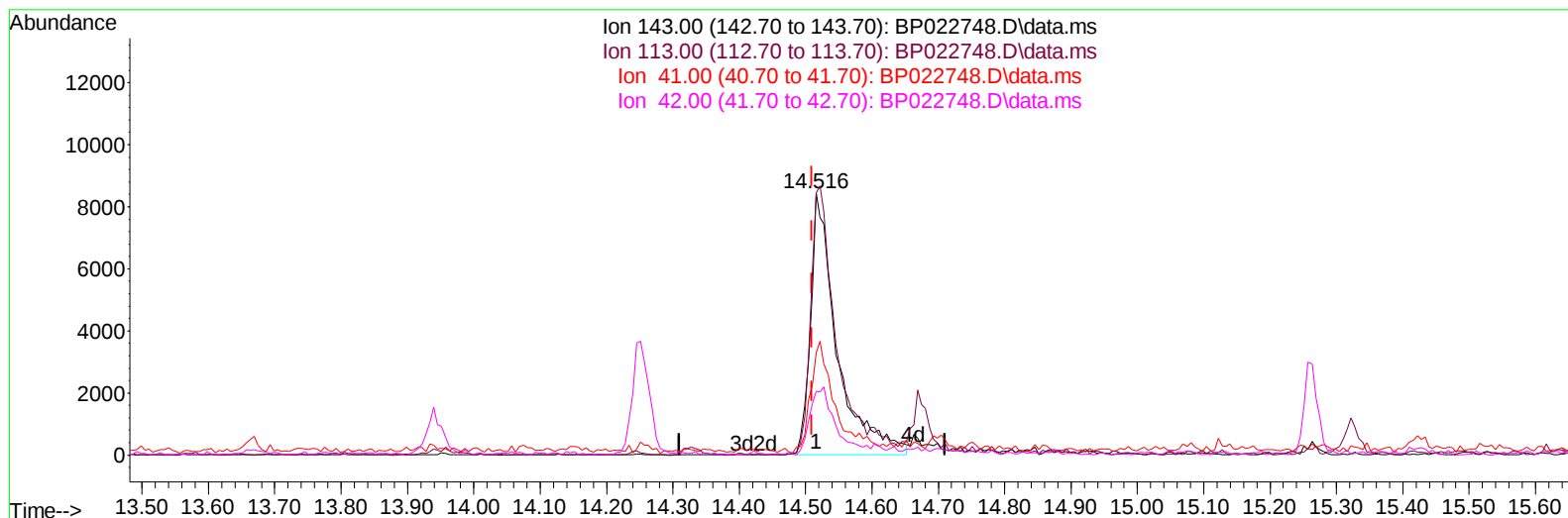
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

Manual IntegrationsAPPROVED

Quant Time: Oct 31 12:37:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
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Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022748.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.516min (+ 0.006) 7.40 ng/ul m

response 23337

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	100.04
41.00	35.90	39.03
42.00	23.70	24.35

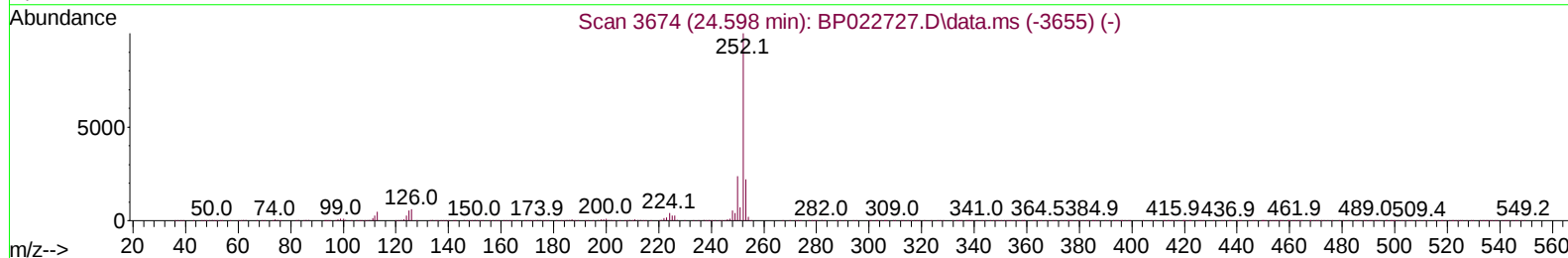
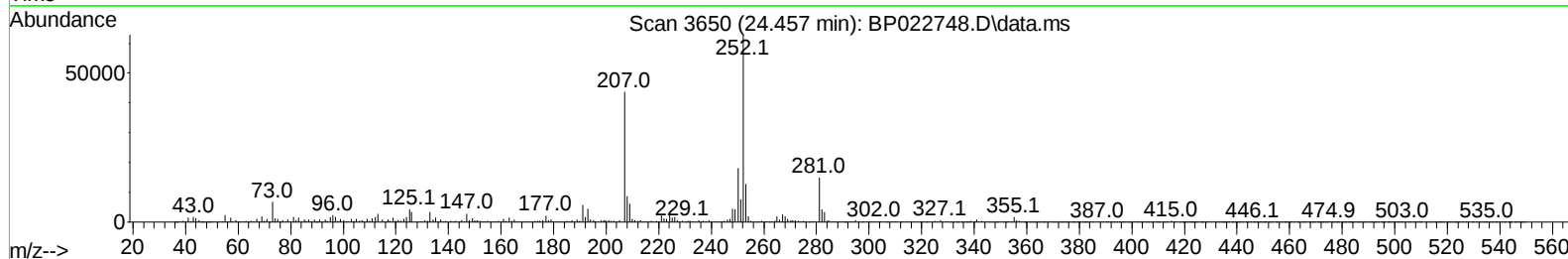
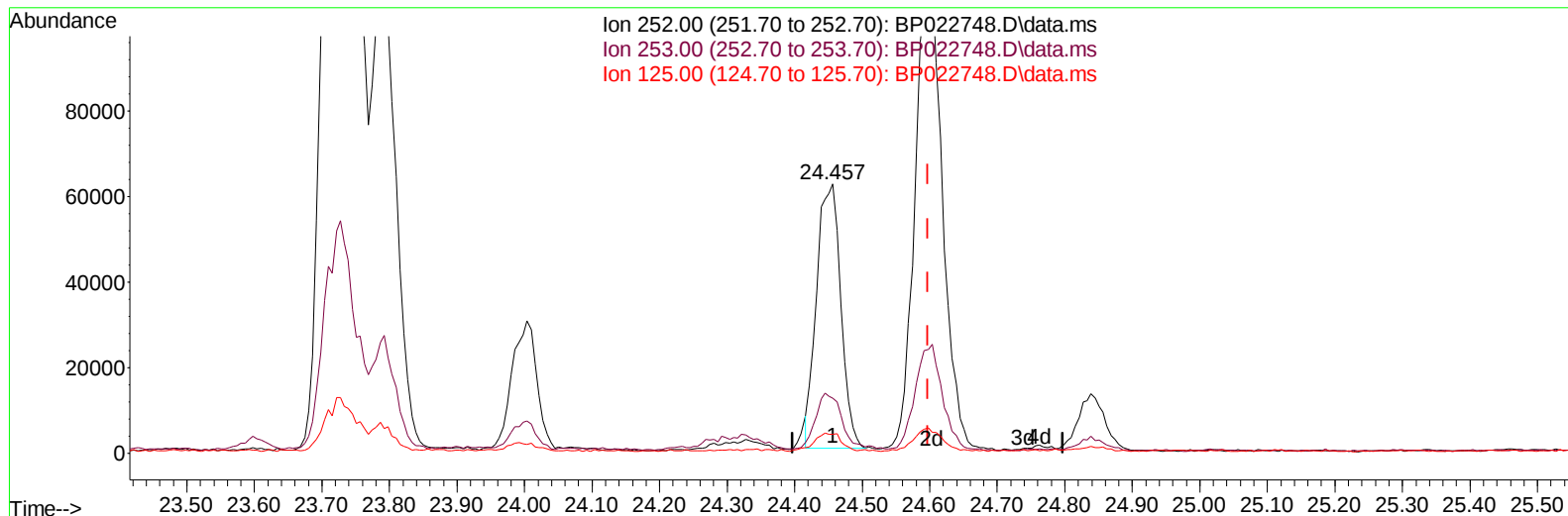
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

Manual IntegrationsAPPROVED

Quant Time: Oct 31 12:37:52 2024
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Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022748.D\data.ms

(93) Benzo(a)pyrene (C)

24.457min (-0.141) 3.75 ng/u1

response 153076

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	20.46
125.00	6.10	6.96
0.00	0.00	0.00

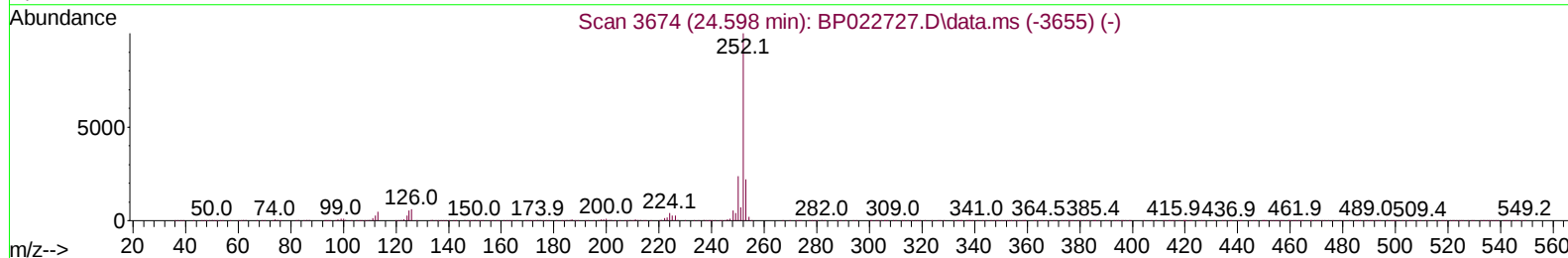
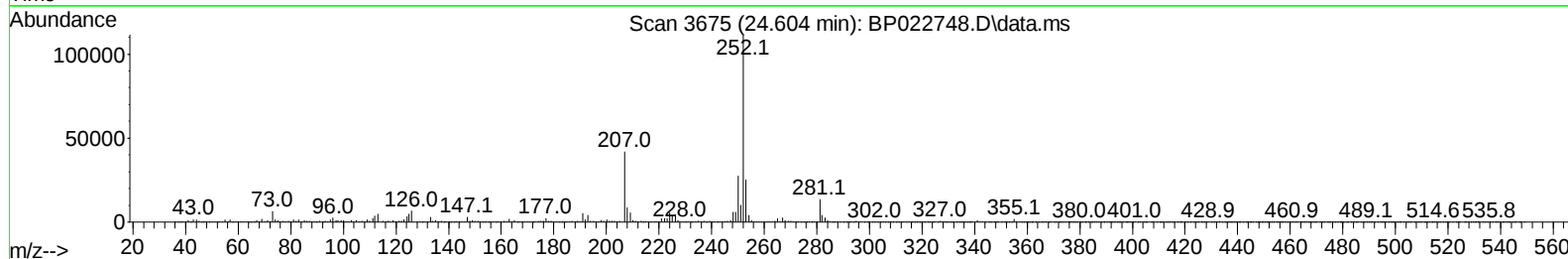
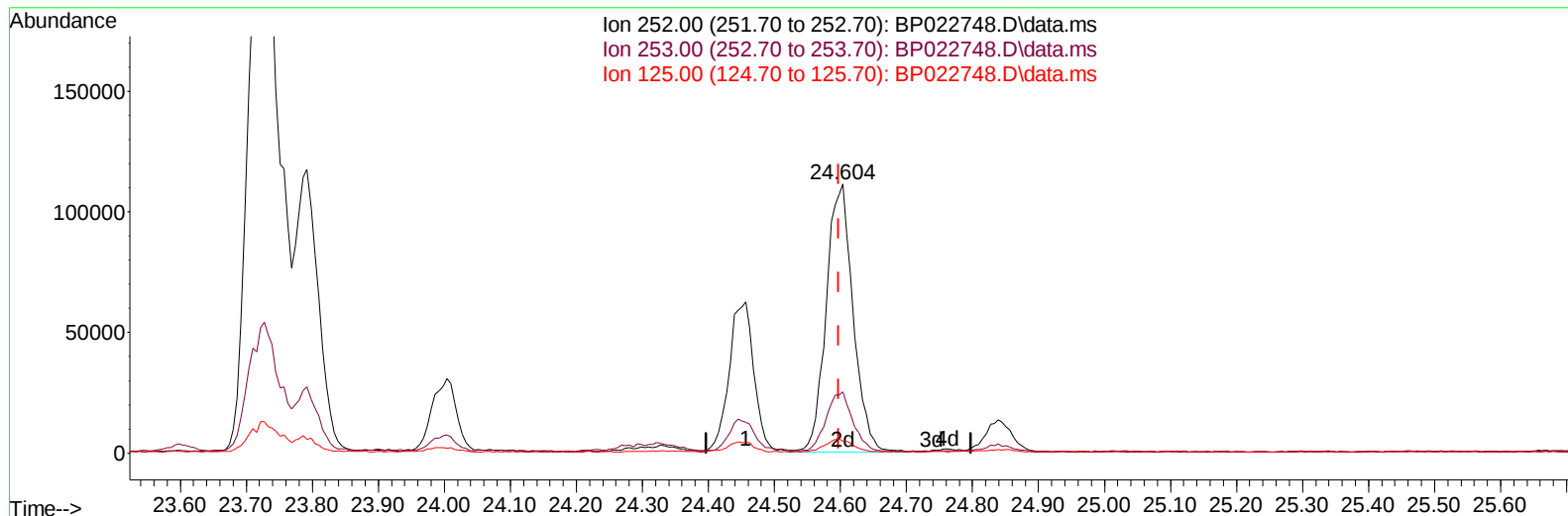
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

Manual IntegrationsAPPROVED

Quant Time: Oct 31 12:37:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022748.D\data.ms

(93) Benzo(a)pyrene (C)

24.604min (+ 0.006) 7.73 ng/u1 m

response 315494

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.77
125.00	6.10	4.34#
0.00	0.00	0.00

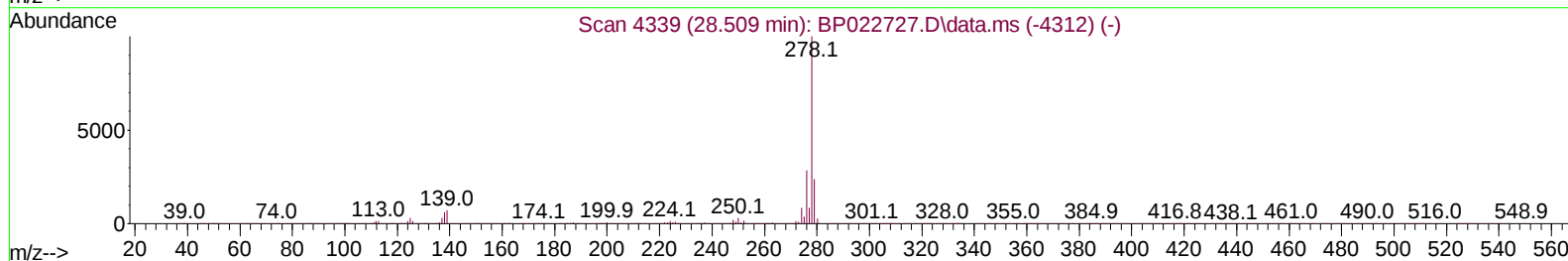
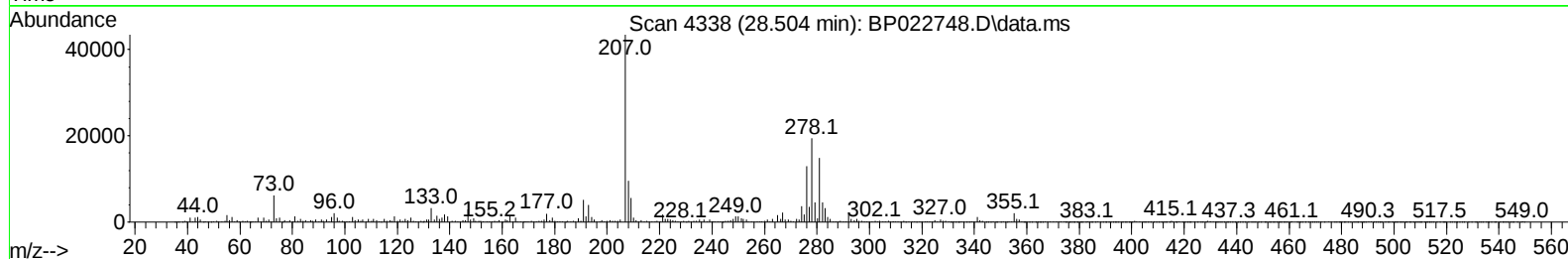
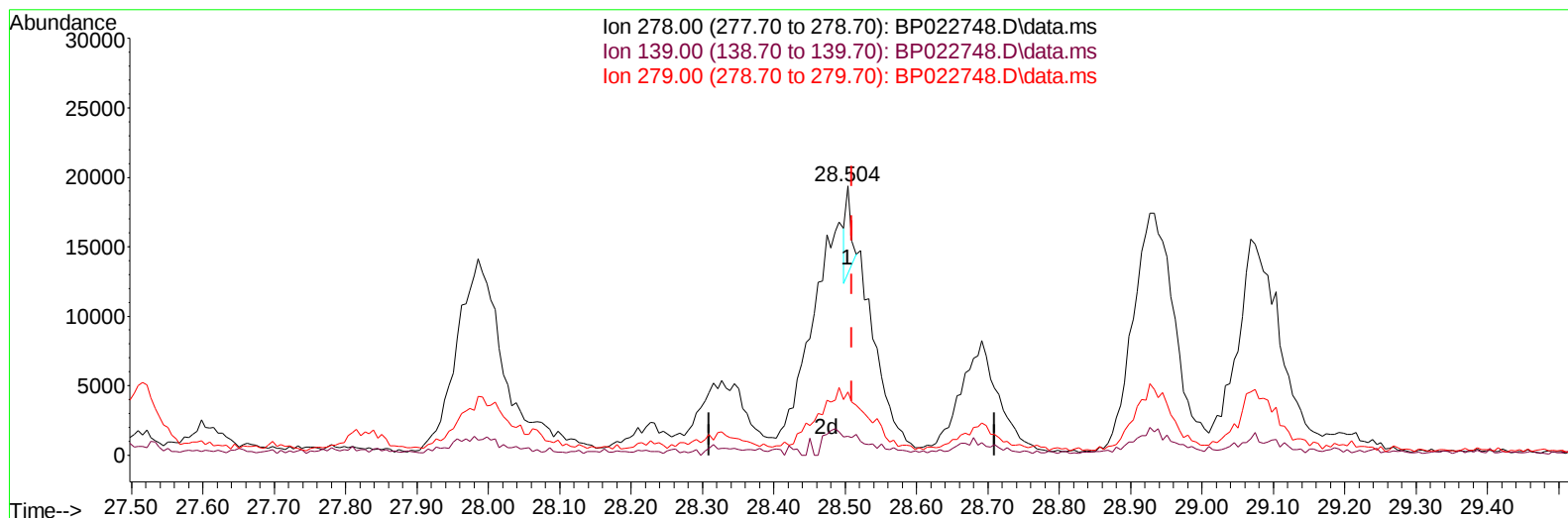
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

Manual IntegrationsAPPROVED

Quant Time: Nov 01 00:03:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022748.D\data.ms

(95) Dibenzo(a,h)anthracene

28.504min (-0.006) 0.07 ng/u1

response 3195

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	6.94#
279.00	23.70	23.46
0.00	0.00	0.00

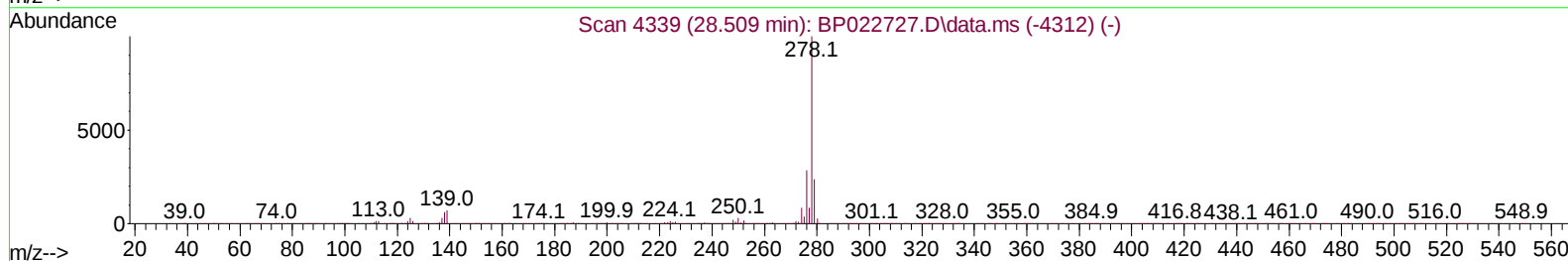
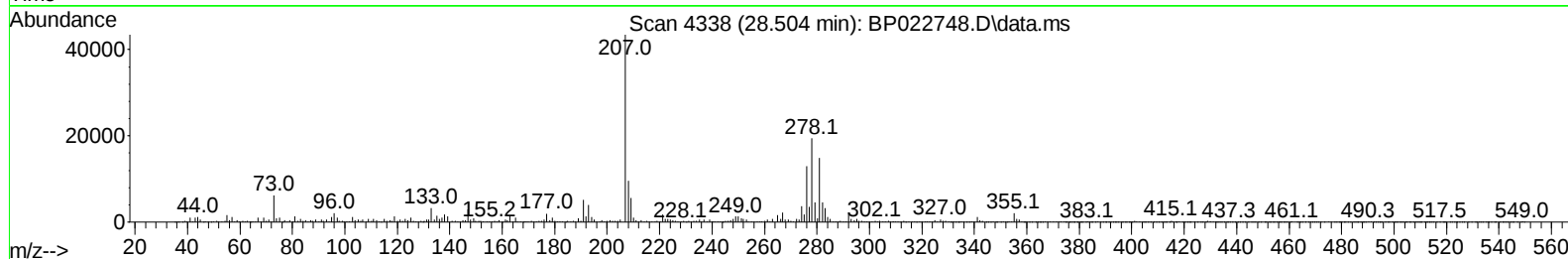
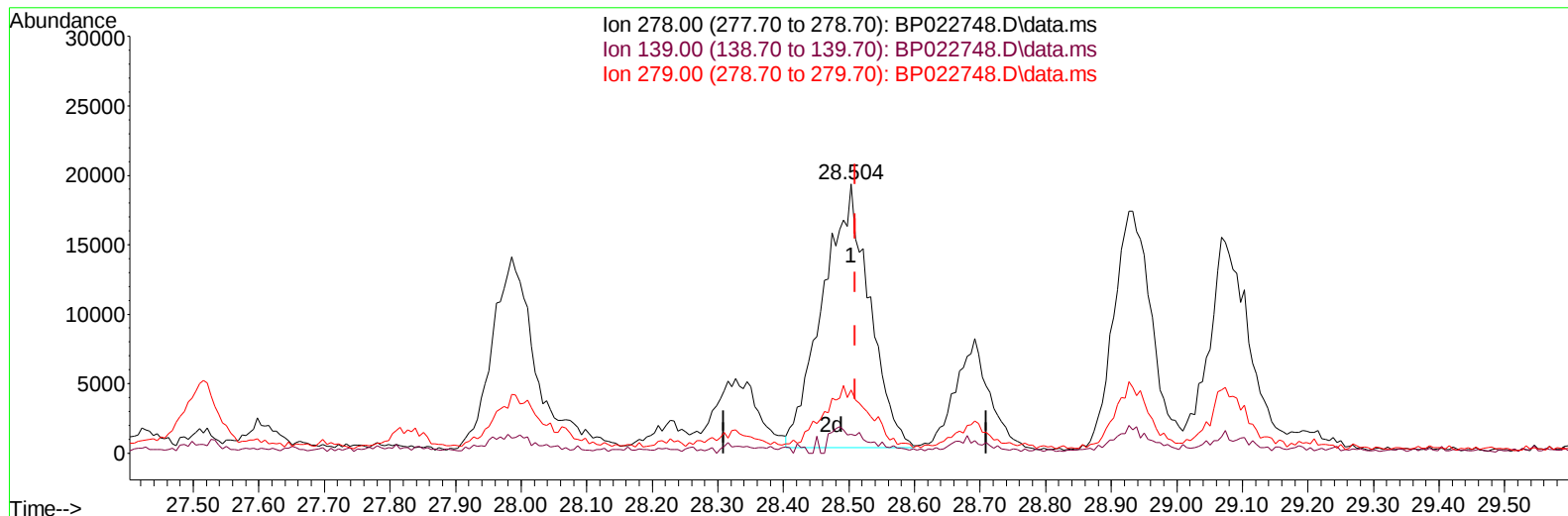
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

Manual IntegrationsAPPROVED

Quant Time: Nov 01 00:03:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022748.D\data.ms

(95) Dibenzo(a,h)anthracene

28.504min (-0.006) 2.12 ng/u1 m

response 93635

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	6.94#
279.00	23.70	23.46
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022748.D
 Acq On : 30 Oct 2024 23:14
 Operator : RC/JU
 Sample : P4493-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F34

Manual IntegrationsAPPROVED

Quant Time: Nov 01 00:04:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.634	152		77334	20.000	ng/ul	0.00
20) Naphthalene-d8	10.387	136		306757	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164		236670	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.057	188		566359	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240		600038	20.000	ng/ul	0.00
88) Perylene-d12	24.757	264		704229	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.181	96		3313	1.665	ng/uL	0.00
4) Pyridine-d5	3.617	84		5412	0.991	ng/ul	0.02
7) Phenol-d5	6.834	99		70554	10.838	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67		40414	10.563	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132		51297	11.105	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113		40902	7.873	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128		25419	10.777	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143		29753	10.896	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165		59581	10.266	ng/ul	0.00
31) 4-Chloroaniline-d4	10.552	131		8813m	1.285	ng/ul	0.01
46) Dimethylphthalate-d6	13.669	166		212975	11.326	ng/ul	0.00
49) Acenaphthylene-d8	13.940	160		224933	11.262	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.516	143		23337m	7.398	ng/ul	0.00
60) Fluorene-d10	15.263	176		194002	11.895	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200		11451	3.074	ng/ul	0.01
73) Anthracene-d10	17.169	188		306691	11.511	ng/ul	0.00
81) Pyrene-d10	19.539	212		365865	11.530	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.521	264		331141	8.805	ng/ul	0.00
Target Compounds							
						Qvalue	
8) Phenol	6.864	94		15373	2.270	ng/ul	96
16) Acetophenone	8.452	105		44065	5.138	ng/ul	97
30) Naphthalene	10.440	128		29461	1.803	ng/ul	95
52) Acenaphthene	14.328	153		42387	2.892	ng/ul	98
56) Dibenzofuran	14.675	168		46709	2.121	ng/ul	97
61) Fluorene	15.322	166		64482	3.594	ng/ul	96
72) Phenanthrene	17.104	178		1096180	36.177	ng/ul	99
74) Anthracene	17.204	178		222207	7.349	ng/ul	99
77) Carbazole	17.492	167		68166	2.548	ng/ul	98
80) Fluoranthene	19.192	202		1566670	42.948	ng/ul	99
82) Pyrene	19.575	202		1064519	27.227	ng/ul	97
85) Benzo(a)anthracene	21.480	228		621578	14.777	ng/ul	98
87) Chrysene	21.545	228		603967	15.485	ng/ul	98
90) Benzo(b)fluoranthene	23.727	252		763420	17.222	ng/ul	99
91) Benzo(k)fluoranthene	23.792	252		267331	6.160	ng/ul	97
93) Benzo(a)pyrene	24.604	252		315494m	7.733	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.445	276		266927	4.903	ng/ul	98
95) Dibenzo(a,h)anthracene	28.504	278		93635m	2.124	ng/ul	

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

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Instrument :
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A4F34

Manual IntegrationsAPPROVED

Quant Time: Nov 01 00:04:29 2024
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