

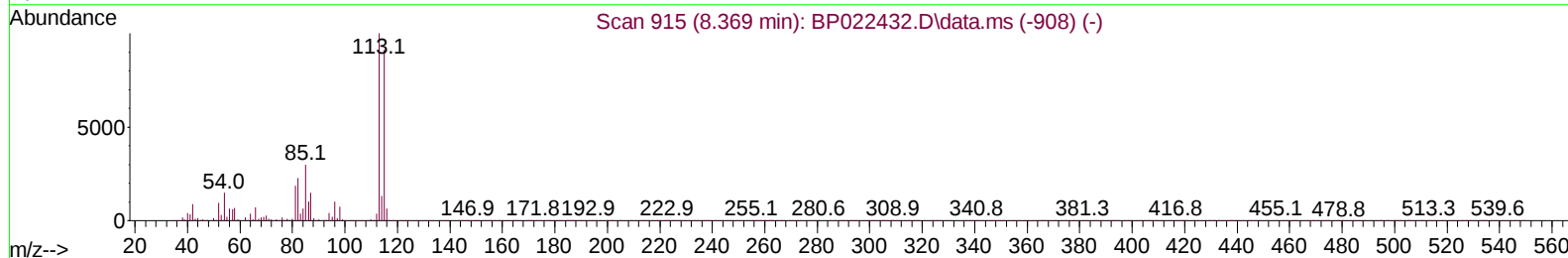
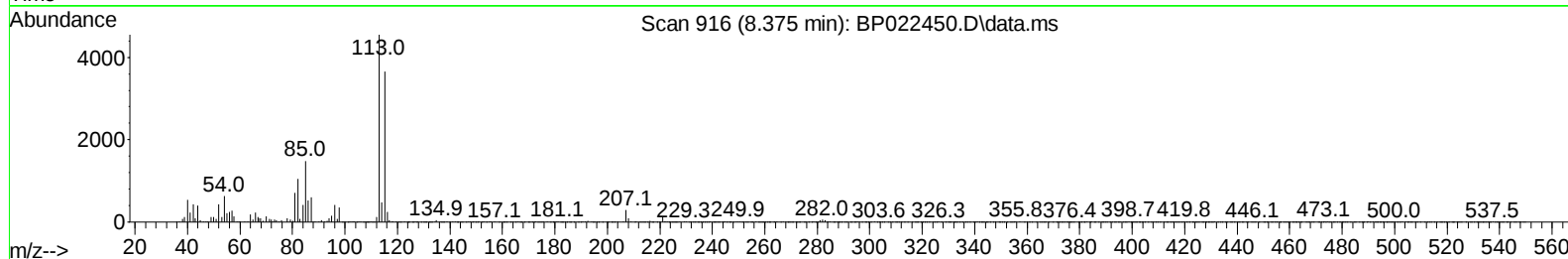
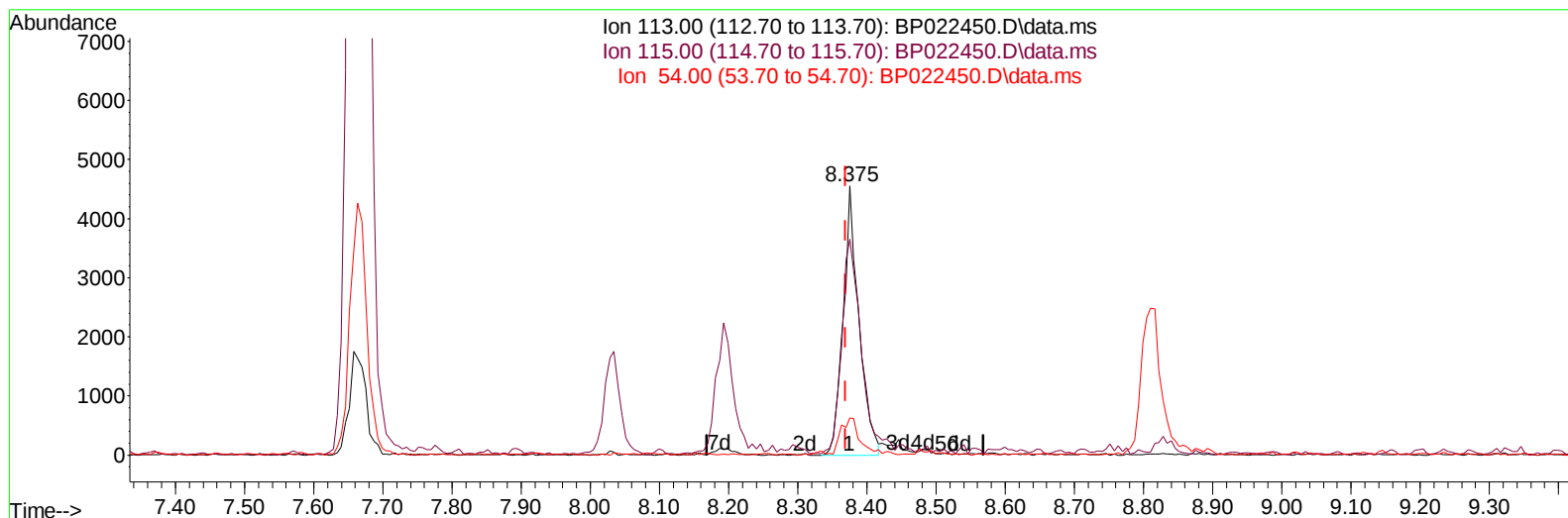
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101724\
 Data File : BP022450.D
 Acq On : 17 Oct 2024 18:42
 Operator : RC/JU
 Sample : P4264-02MEDL2 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN6MEDL2

Manual IntegrationsAPPROVED

Quant Time: Oct 18 03:12:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 05:42:26 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/18/2024



TIC: BP022450.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.375min (+ 0.006) 1.22 ng/u1

response 7288

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	91.10	80.35
54.00	14.50	13.89
0.00	0.00	0.00

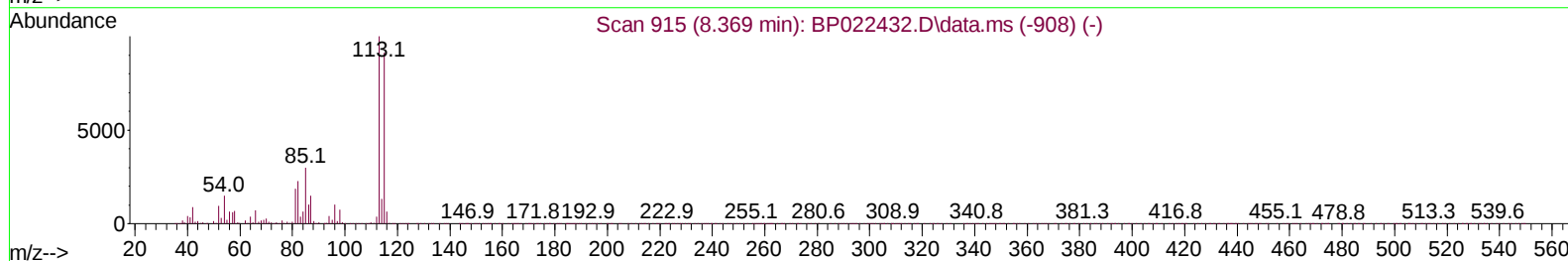
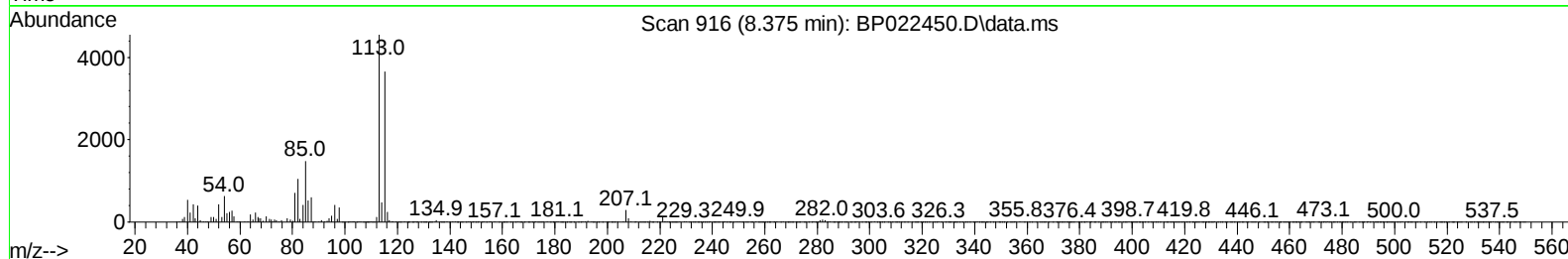
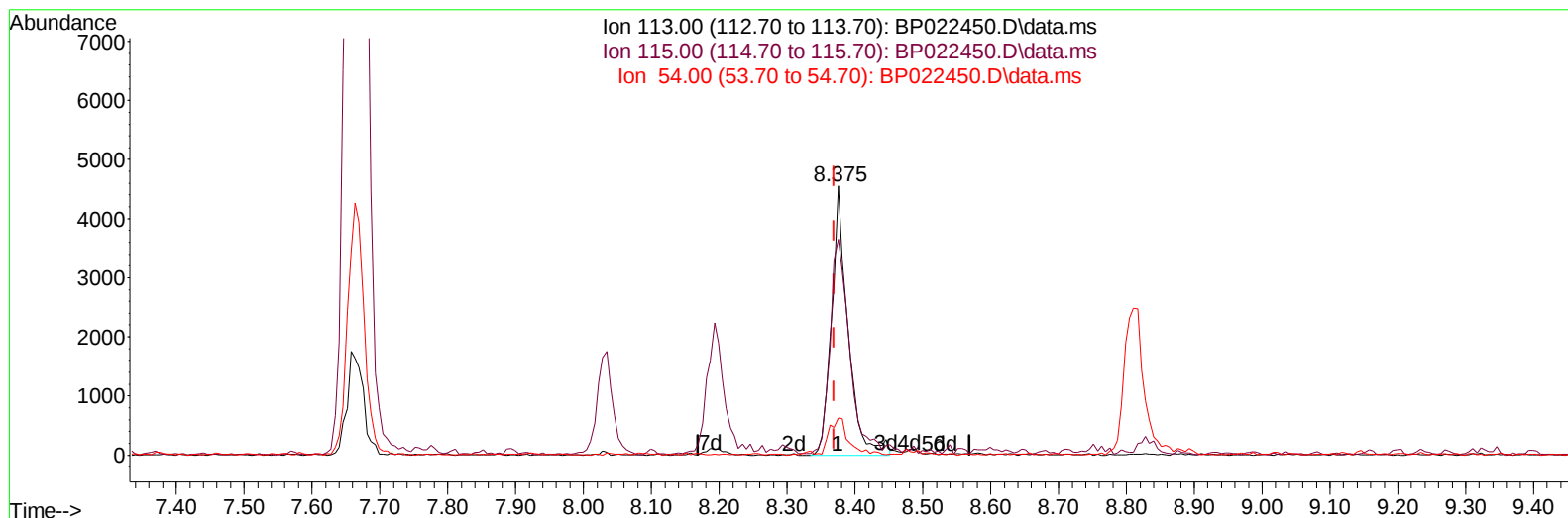
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Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/18/2024



TIC: BP022450.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.375min (+ 0.006) 1.28 ng/ul m

response 7660

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	91.10	80.35
54.00	14.50	13.89
0.00	0.00	0.00

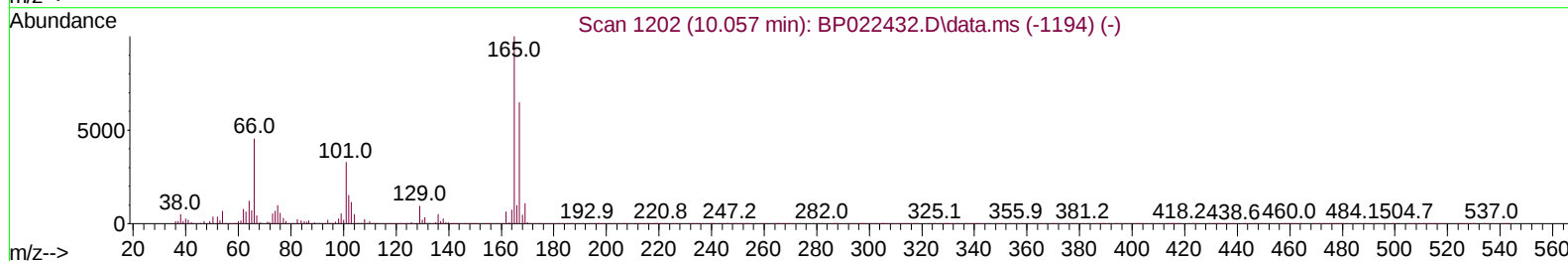
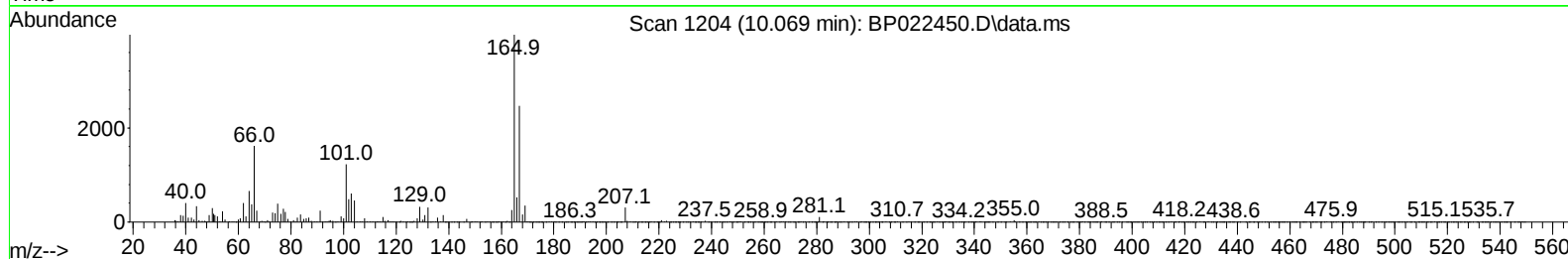
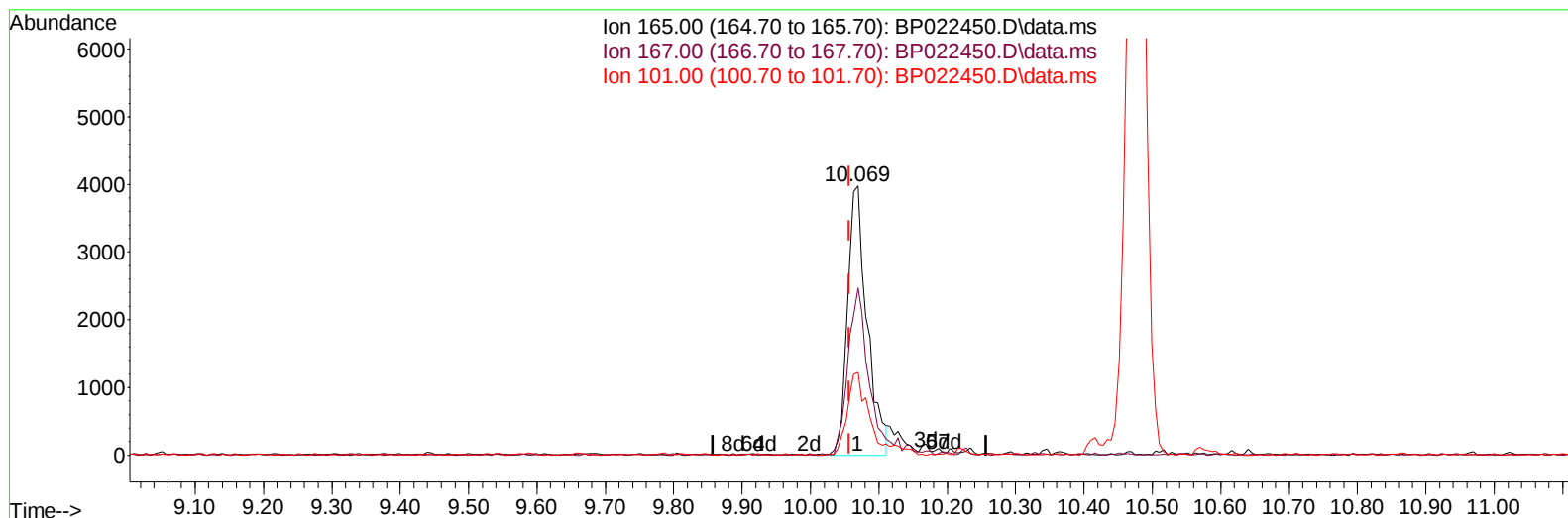
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101724\
 Data File : BP022450.D
 Acq On : 17 Oct 2024 18:42
 Operator : RC/JU
 Sample : P4264-02MEDL2 20X
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Instrument :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/18/2024



TIC: BP022450.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.069min (+ 0.012) 1.38 ng/ul

response 7926

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.10	62.03
101.00	32.30	30.75
0.00	0.00	0.00

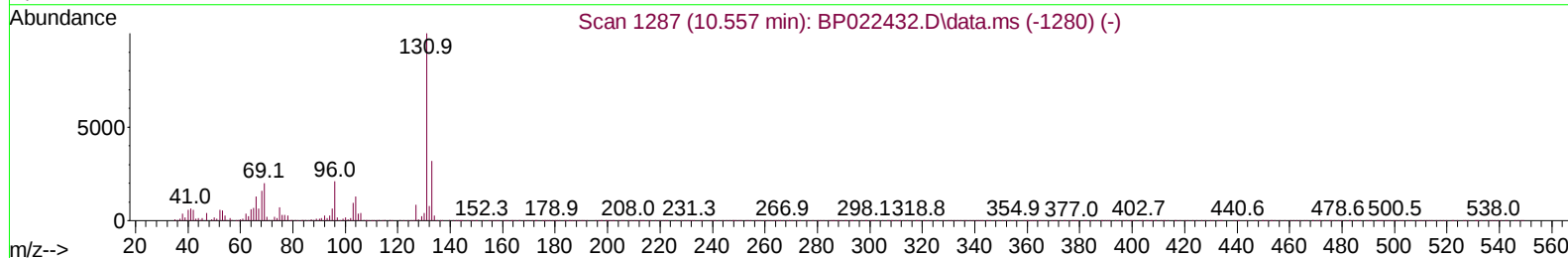
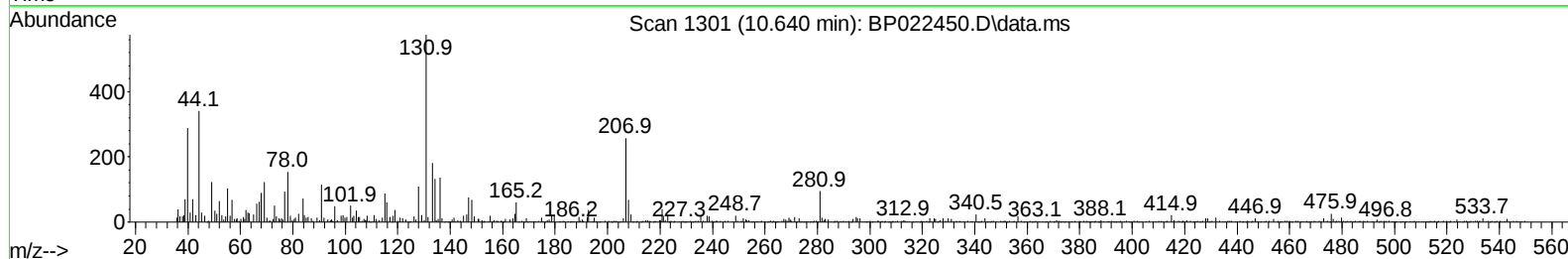
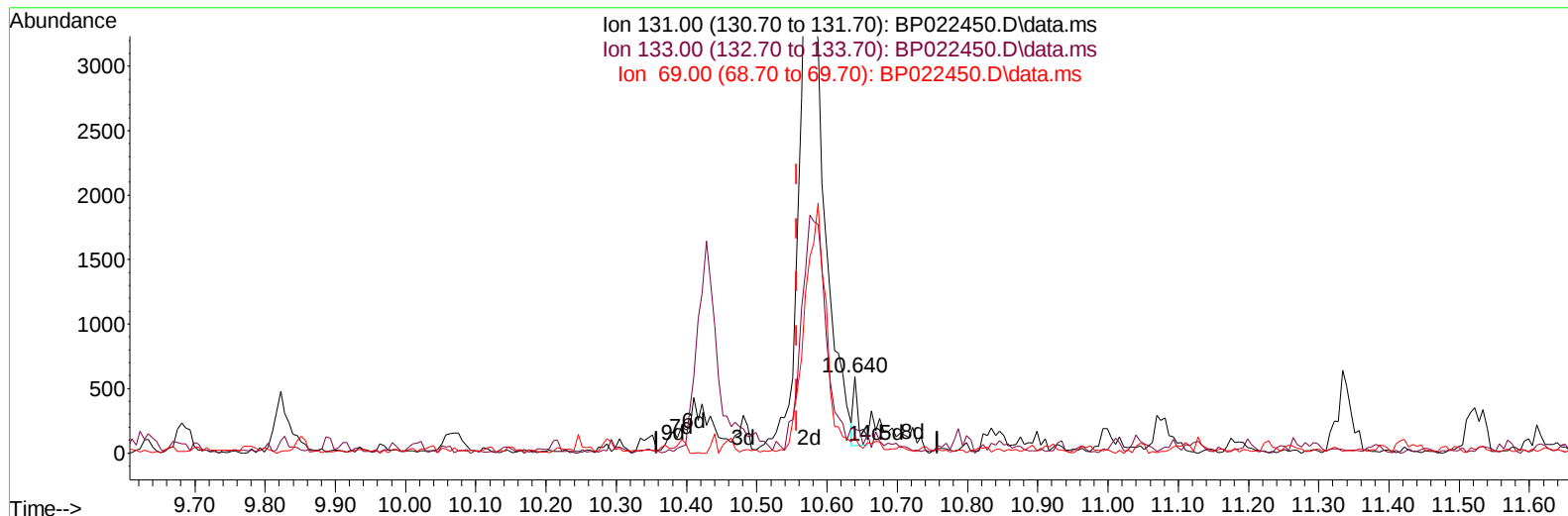
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101724\
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Manual IntegrationsAPPROVED

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TIC: BP022450.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.640min (+ 0.082) 0.04 ng/u1

response 292

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.80	30.85
69.00	22.00	20.85
0.00	0.00	0.00

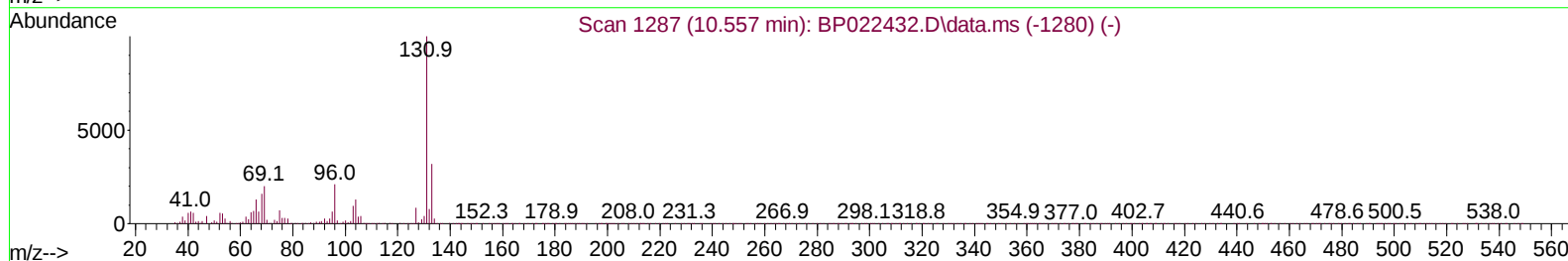
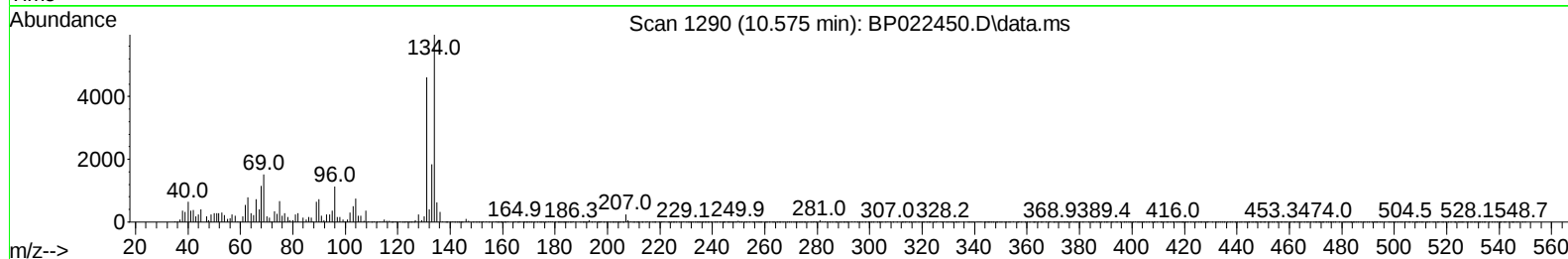
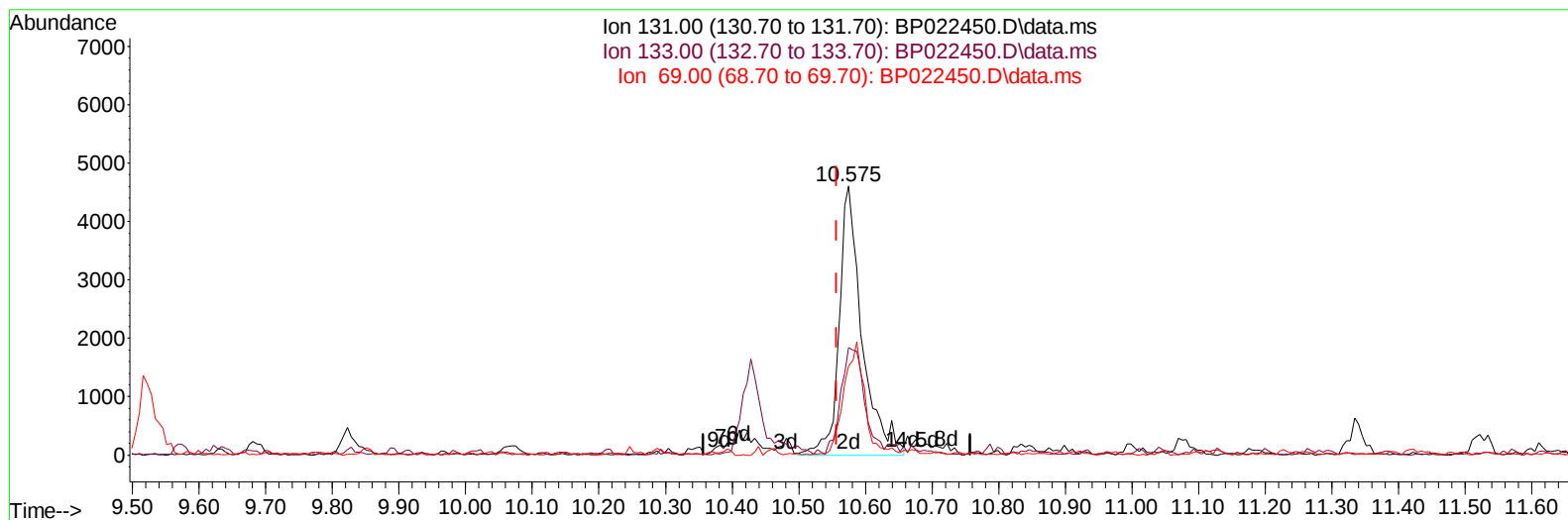
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101724\
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 Sample : P4264-02MEDL2 20X
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Instrument :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/18/2024



TIC: BP022450.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.575min (+ 0.018) 1.62 ng/ul m

response 10969

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.80	40.03#
69.00	22.00	33.02#
0.00	0.00	0.00

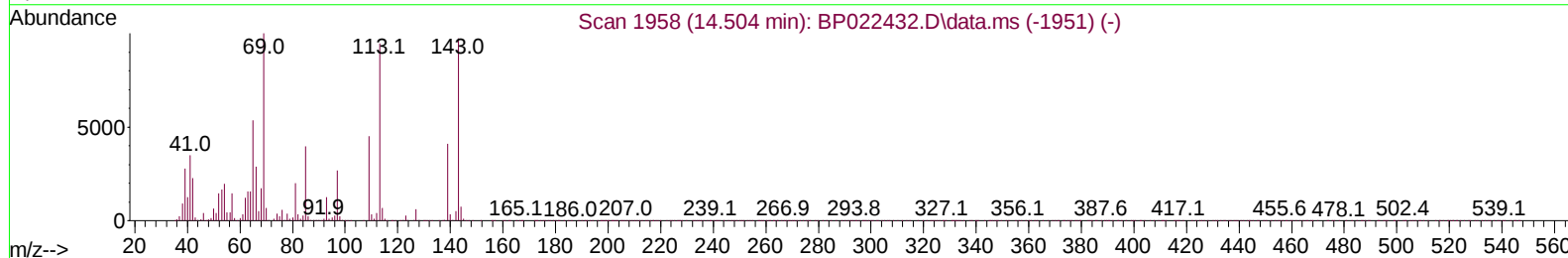
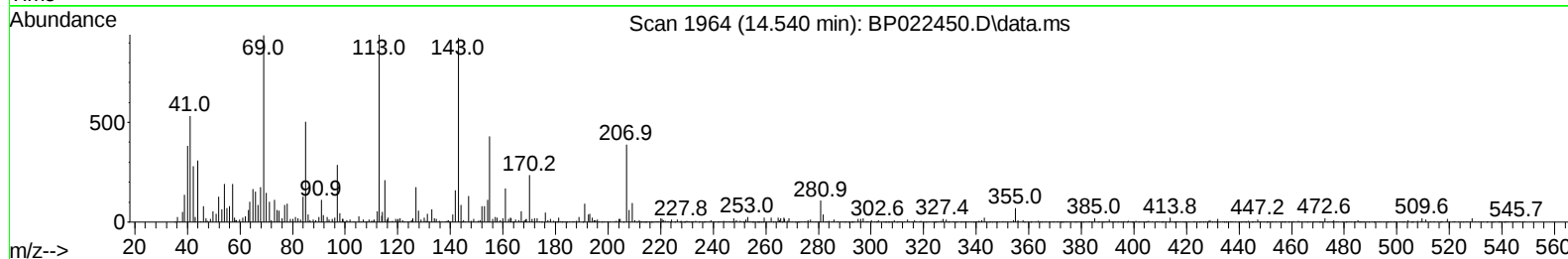
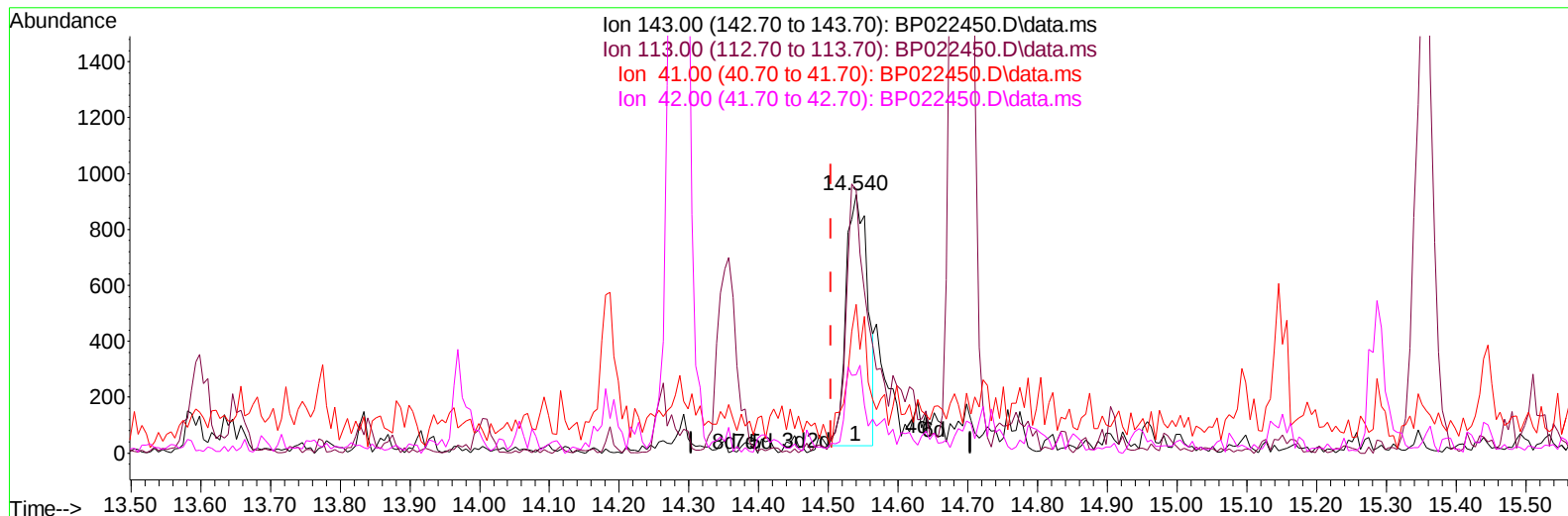
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101724\
 Data File : BP022450.D
 Acq On : 17 Oct 2024 18:42
 Operator : RC/JU
 Sample : P4264-02MEDL2 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN6MEDL2

Manual IntegrationsAPPROVED

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 QLast Update : Thu Oct 17 05:42:26 2024
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Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/18/2024



TIC: BP022450.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.540min (+ 0.035) 0.64 ng/ul

response 1919

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	101.73
41.00	35.90	57.68#
42.00	23.70	30.41#

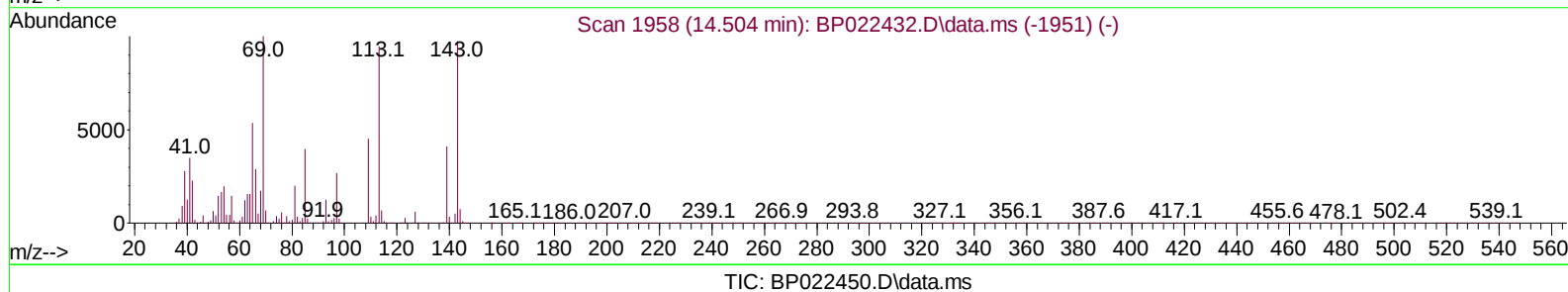
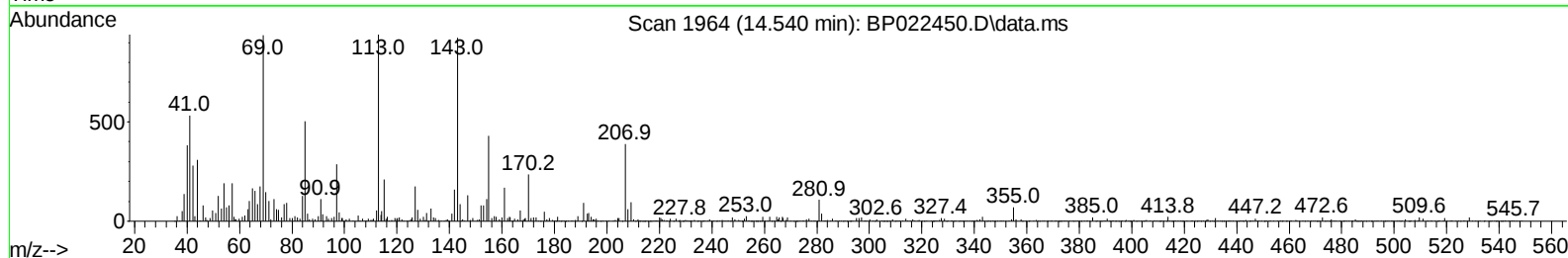
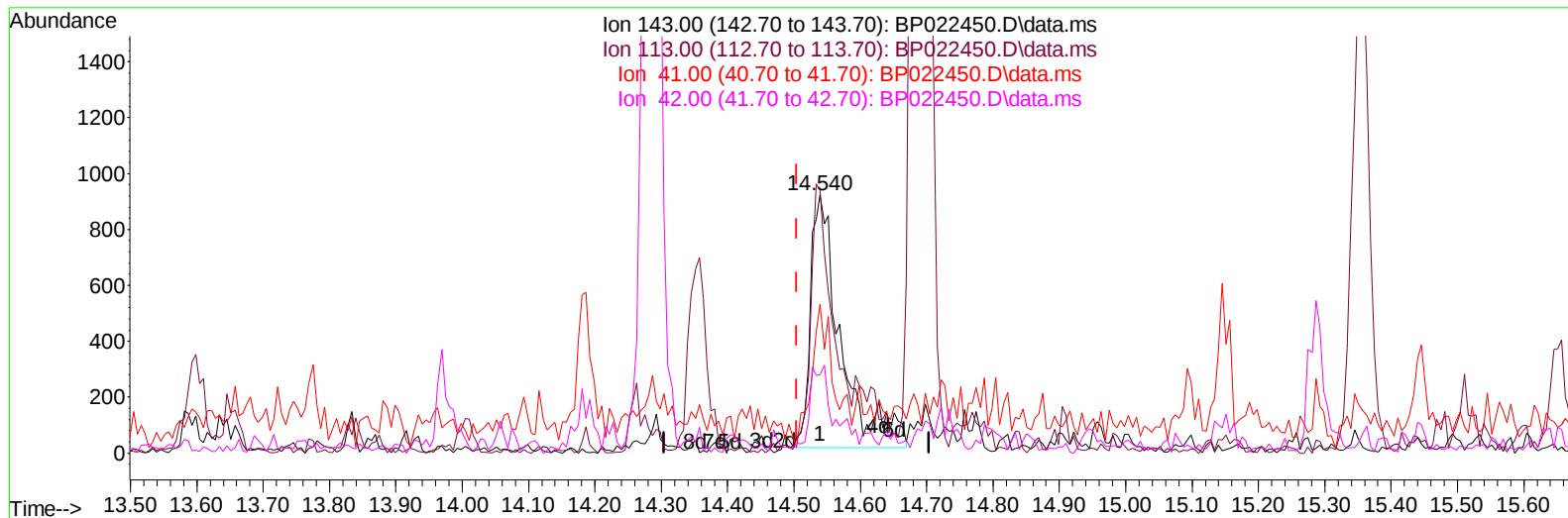
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101724\
Data File : BP022450.D
Acq On : 17 Oct 2024 18:42
Operator : RC/JU
Sample : P4264-02MEDL2 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCYN6MEDL2

Manual IntegrationsAPPROVED

Quant Time: Oct 18 03:12:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024



(54) 4-Nitrophenol-d4 (S)

14.540min (+ 0.035) 0.95 ng/ul m

response 2875

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	101.73
41.00	35.90	57.68#
42.00	23.70	30.41#

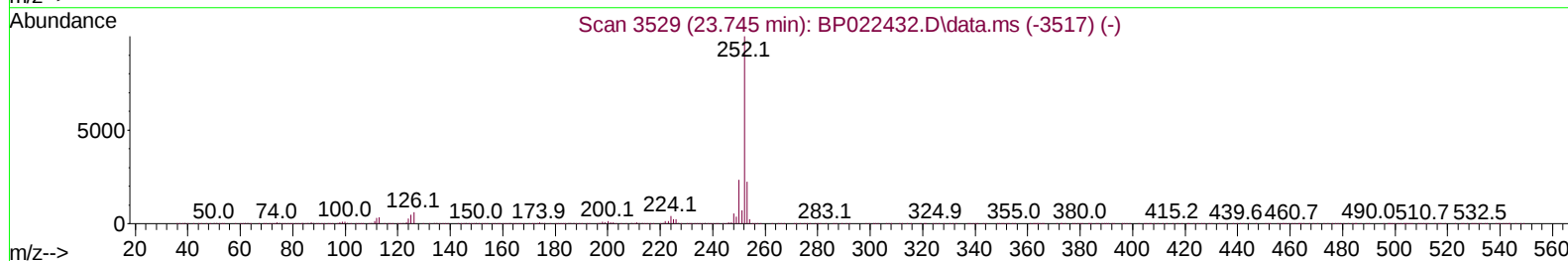
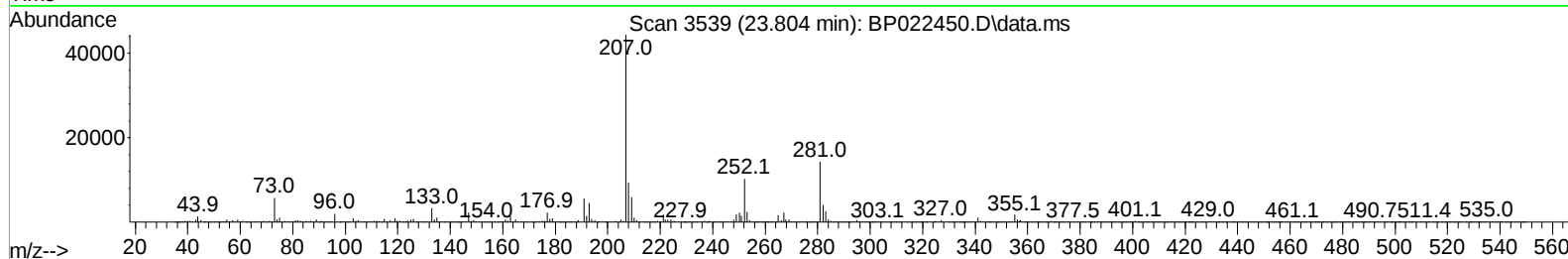
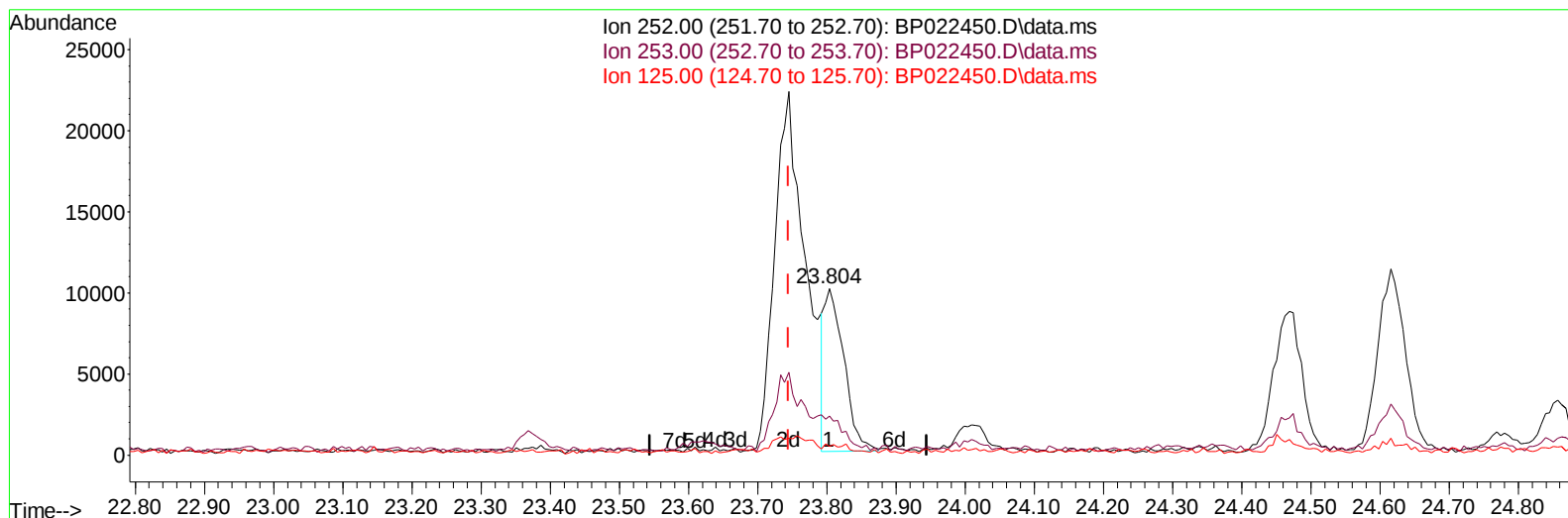
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Acq On : 17 Oct 2024 18:42
Operator : RC/JU
Sample : P4264-02MEDL2 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCYN6MEDL2

Manual IntegrationsAPPROVED

Quant Time: Oct 18 03:15:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 05:42:26 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024



TIC: BP022450.D\data.ms

(90) Benzo(b)fluoranthene

23.804min (+ 0.059) 0.38 ng/u1

response 19645

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.53
125.00	6.20	5.21
0.00	0.00	0.00

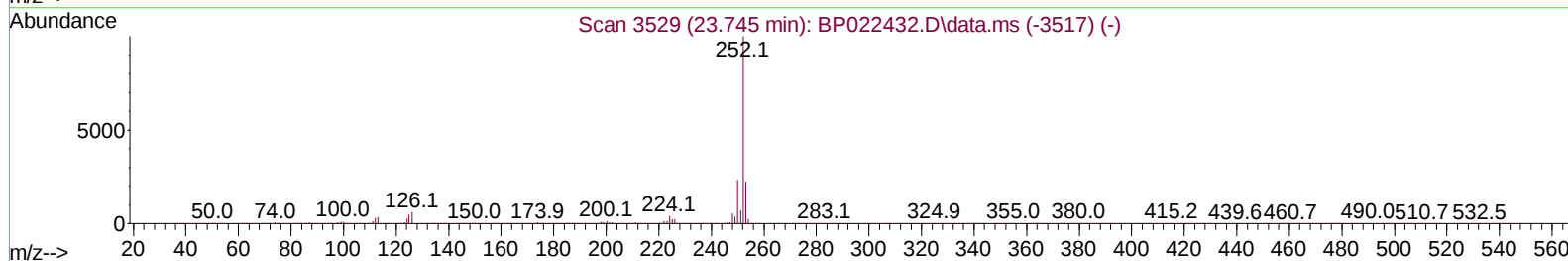
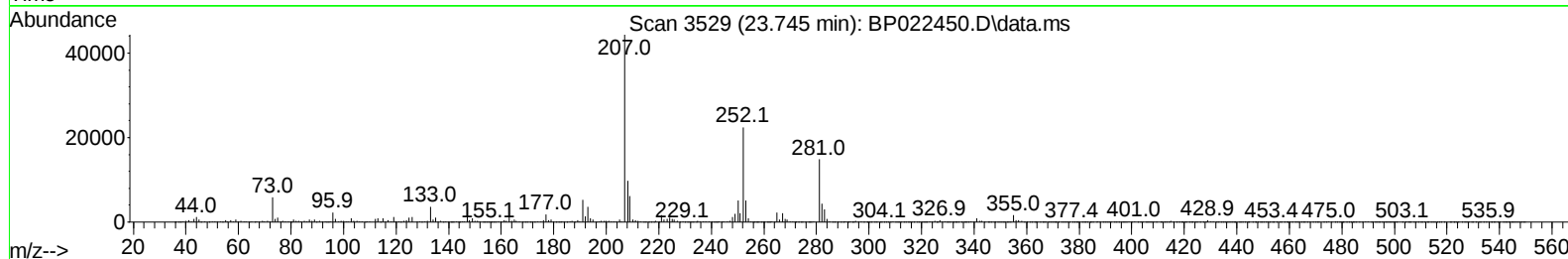
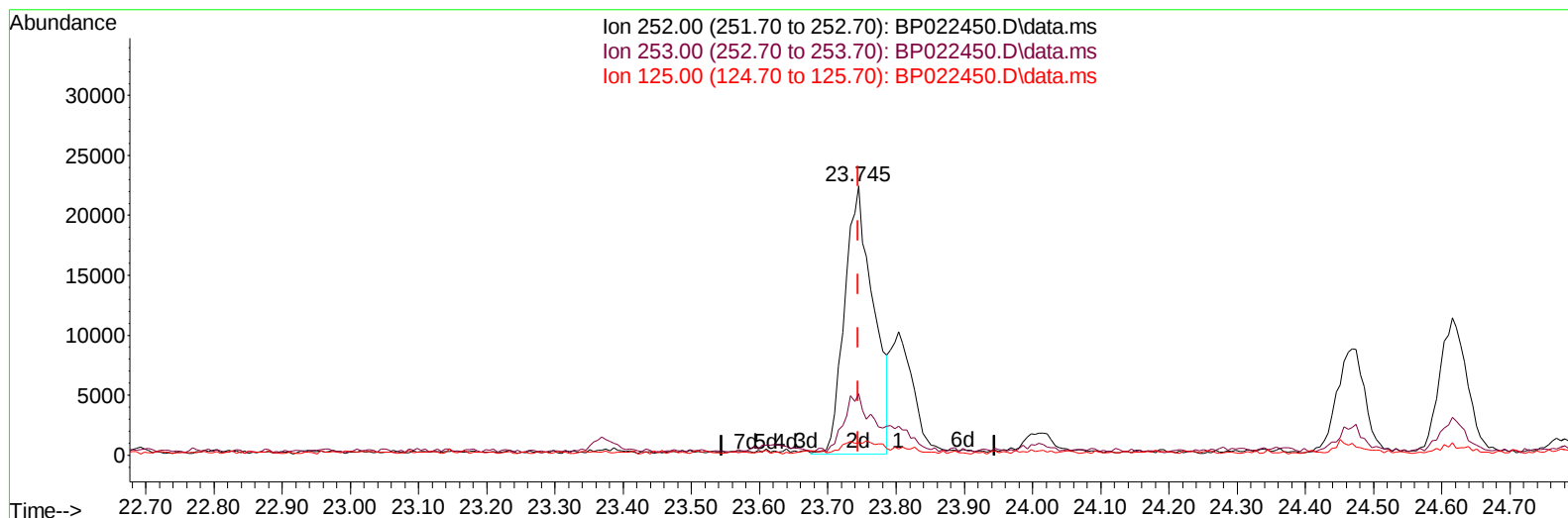
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 10/18/2024



TIC: BP022450.D\data.ms

(90) Benzo(b)fluoranthene

23.745min (+ 0.000) 1.27 ng/u1 m

response 65899

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.67
125.00	6.20	4.65#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/18/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	89014	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	303511	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	226040	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.092	188	537317	20.000	ng/ul	0.02
79) Chrysene-d12	21.510	240	667004	20.000	ng/ul	# 0.00
88) Perylene-d12	24.780	264	821861	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	741	0.323	ng/uL	0.00
4) Pyridine-d5	3.623	84	5845	0.929	ng/ul	0.01
7) Phenol-d5	6.858	99	9708	1.296	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	6631	1.506	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	7685	1.445	ng/ul	0.00
15) 4-Methylphenol-d8	8.375	113	7660m	1.281	ng/ul	0.00
21) Nitrobenzene-d5	8.810	128	3854	1.651	ng/ul	0.00
24) 2-Nitrophenol-d4	9.522	143	4195	1.553	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	8546m	1.488	ng/ul	0.01
31) 4-Chloroaniline-d4	10.575	131	10969m	1.617	ng/ul	0.02
46) Dimethylphthalate-d6	13.693	166	30803	1.715	ng/ul	0.01
49) Acenaphthylene-d8	13.975	160	30184	1.582	ng/ul	0.01
54) 4-Nitrophenol-d4	14.540	143	2875m	0.954	ng/ul	0.04
60) Fluorene-d10	15.287	176	26392	1.694	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	3061	0.866	ng/ul	0.02
73) Anthracene-d10	17.192	188	43554	1.723	ng/ul	0.00
81) Pyrene-d10	19.557	212	56415	1.599	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.545	264	73397	1.672	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.475	128	727158	44.981	ng/ul	99
36) 2-Methylnaphthalene	12.087	142	153175	12.908	ng/ul	95
37) 1-Methylnaphthalene	12.304	142	71510	5.904	ng/ul	98
52) Acenaphthene	14.351	153	114539	8.182	ng/ul	98
61) Fluorene	15.357	166	136278	7.954	ng/ul	99
72) Phenanthrene	17.139	178	943857	32.833	ng/ul	99
74) Anthracene	17.222	178	80532	2.807	ng/ul	98
80) Fluoranthene	19.216	202	571357	14.090	ng/ul	97
82) Pyrene	19.592	202	373684	8.598	ng/ul	97
85) Benzo(a)anthracene	21.492	228	111915	2.393	ng/ul	96
87) Chrysene	21.557	228	91726	2.116	ng/ul	97
90) Benzo(b)fluoranthene	23.745	252	65899m	1.274	ng/ul	

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

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Manual IntegrationsAPPROVED

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