

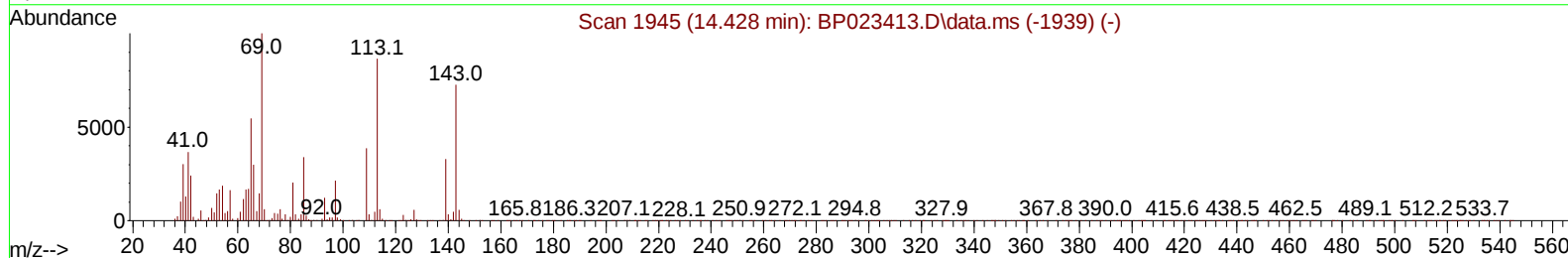
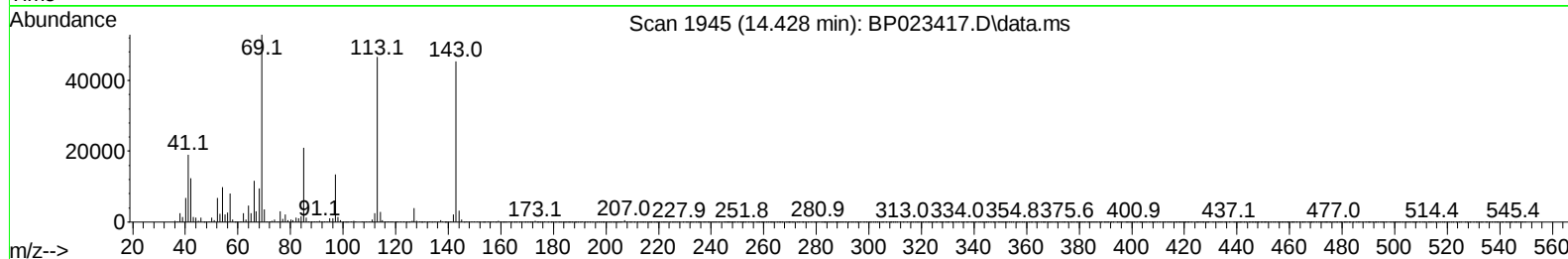
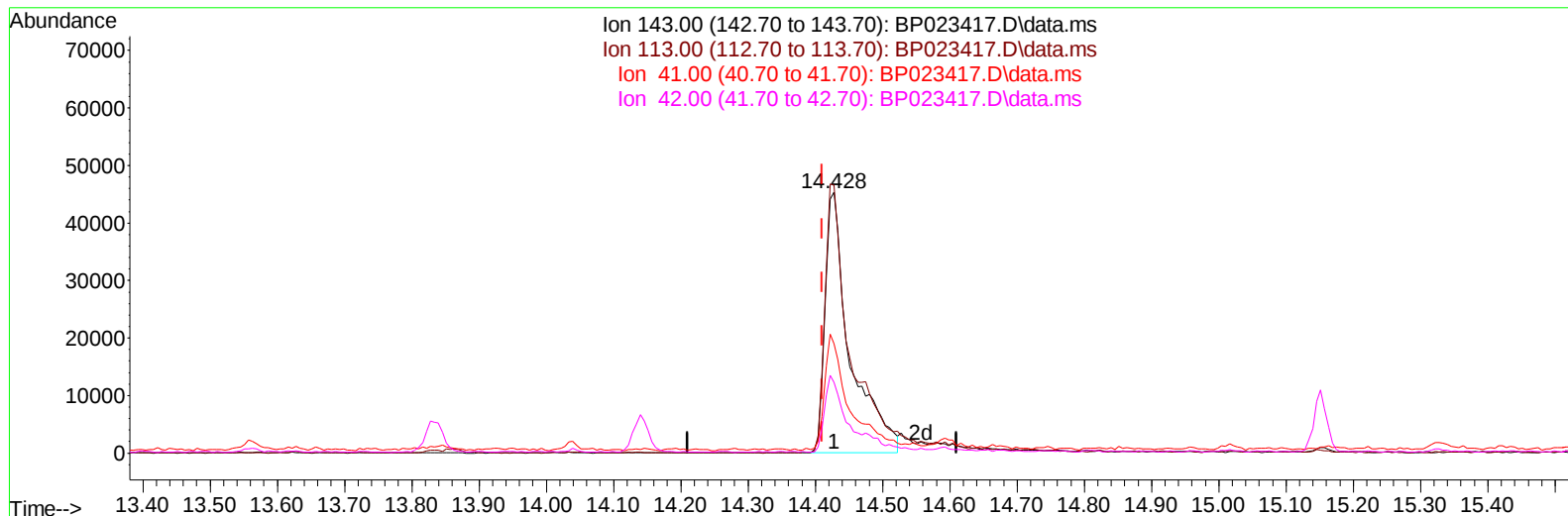
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023417.D
Acq On : 13 Dec 2024 12:49
Operator : RC/JU
Sample : P5232-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28S7

Manual IntegrationsAPPROVED

Quant Time: Dec 13 14:44:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BP023417.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.428min (+ 0.017) 36.57 ng/u1

response 116842

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	102.77
41.00	45.60	41.92
42.00	31.70	27.13

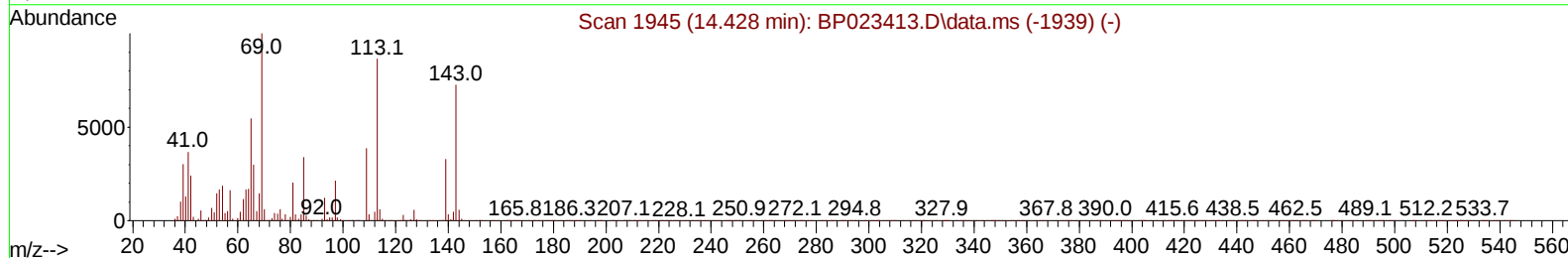
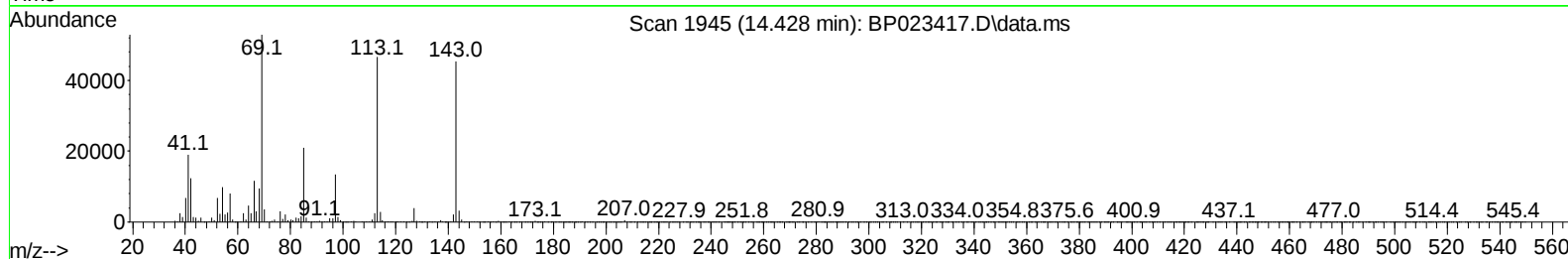
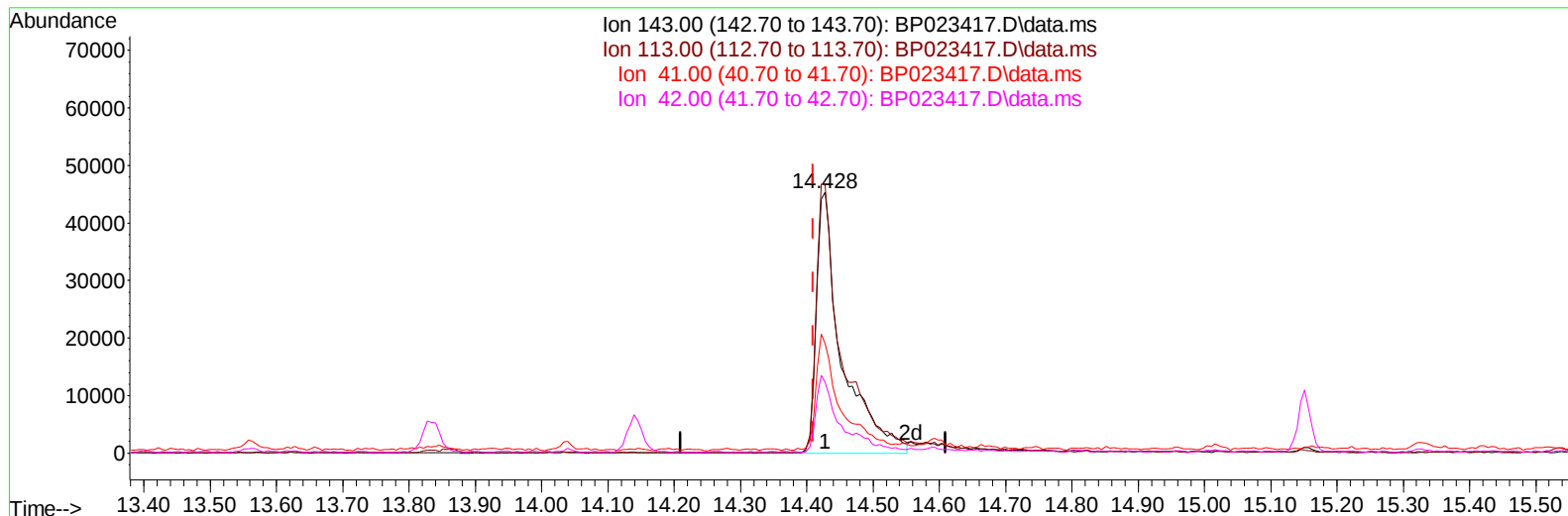
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023417.D
Acq On : 13 Dec 2024 12:49
Operator : RC/JU
Sample : P5232-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28S7

Manual IntegrationsAPPROVED

Quant Time: Dec 13 14:44:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BP023417.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.428min (+ 0.017) 37.92 ng/ul m

response 121148

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	102.77
41.00	45.60	41.92
42.00	31.70	27.13

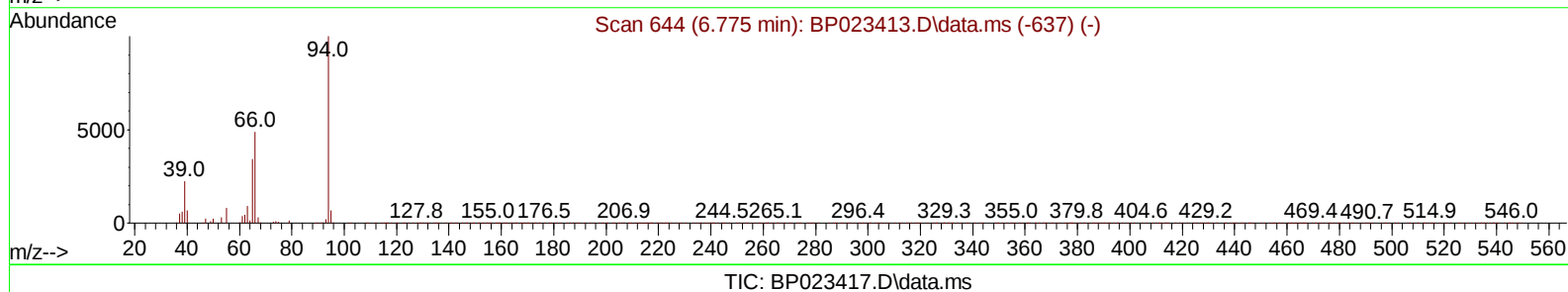
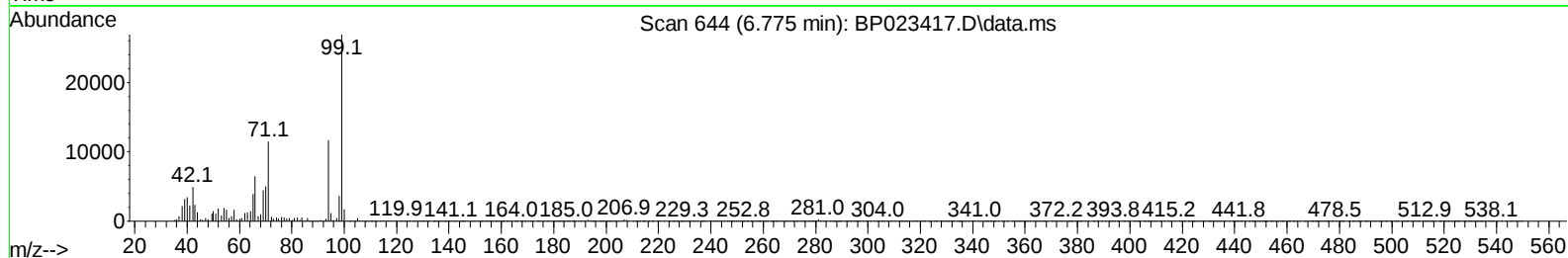
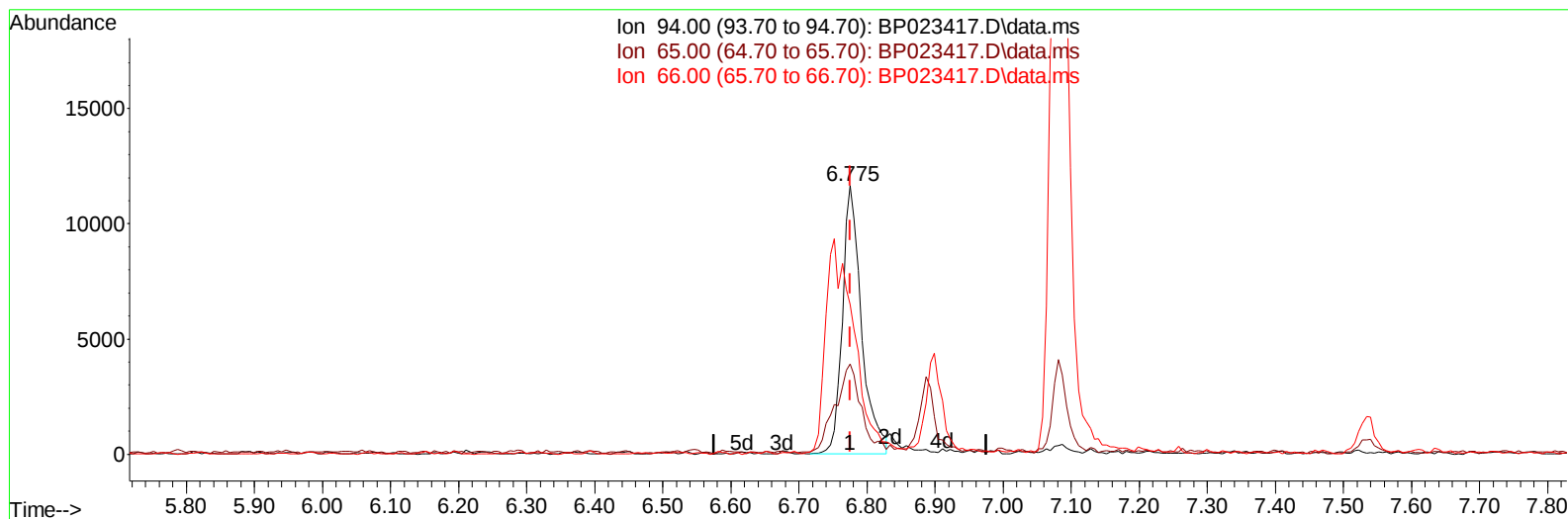
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
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 Acq On : 13 Dec 2024 12:49
 Operator : RC/JU
 Sample : P5232-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28S7

Manual IntegrationsAPPROVED

Quant Time: Dec 13 23:07:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
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Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024



(8) Phenol

6.775min (-0.000) 2.54 ng/u1

response 22885

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	35.00	33.73
66.00	52.50	55.70
0.00	0.00	0.00

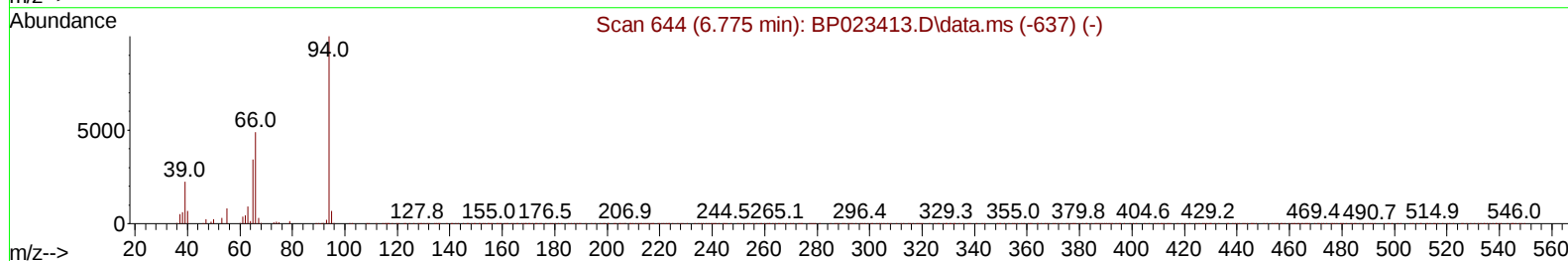
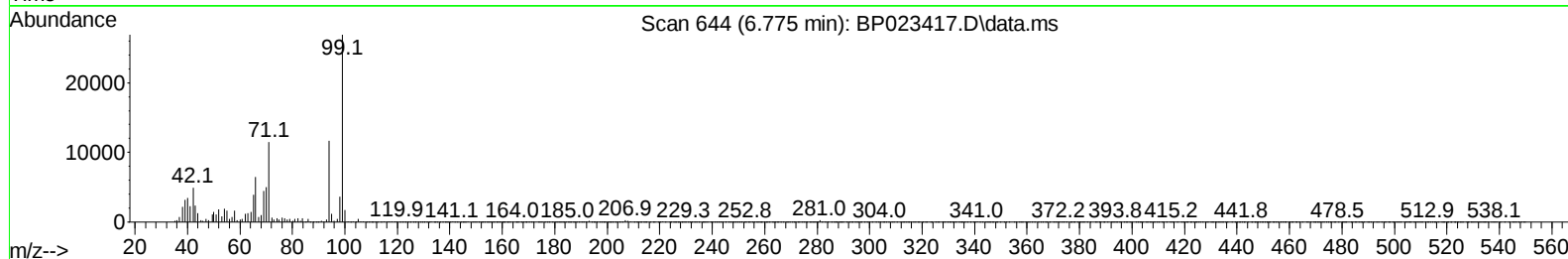
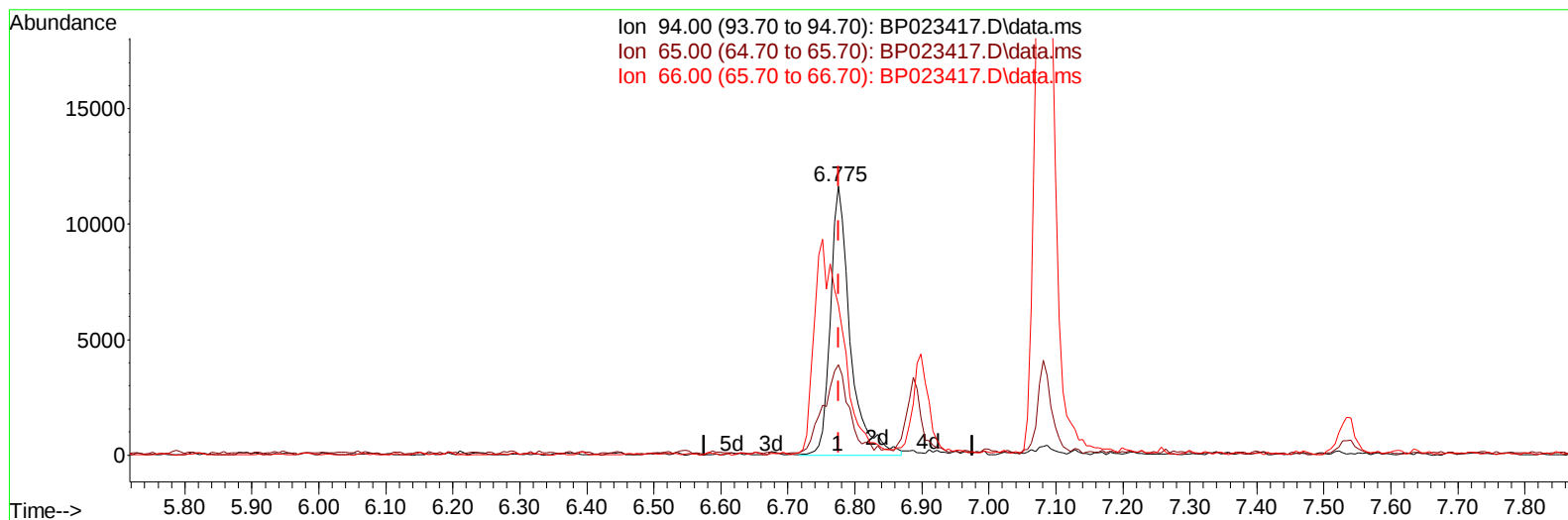
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Instrument :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024



TIC: BP023417.D\data.ms

(8) Phenol

6.775min (-0.000) 2.66 ng/u1 m

response 24019

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	35.00	33.73
66.00	52.50	55.70
0.00	0.00	0.00

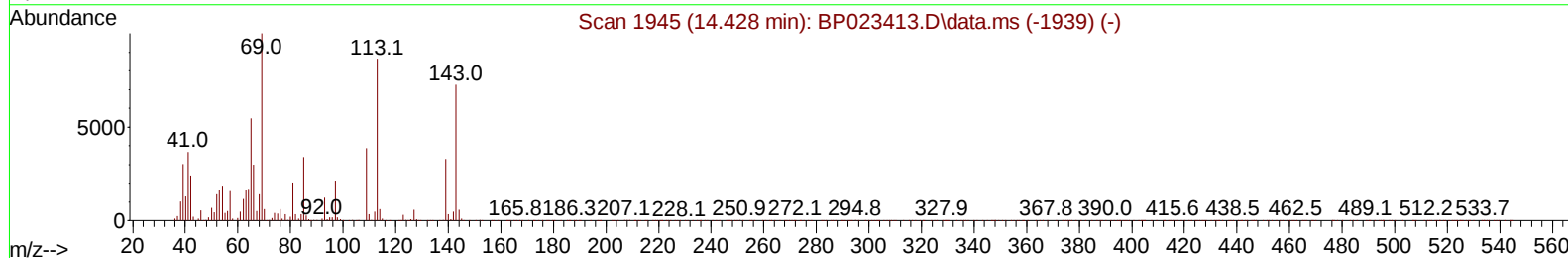
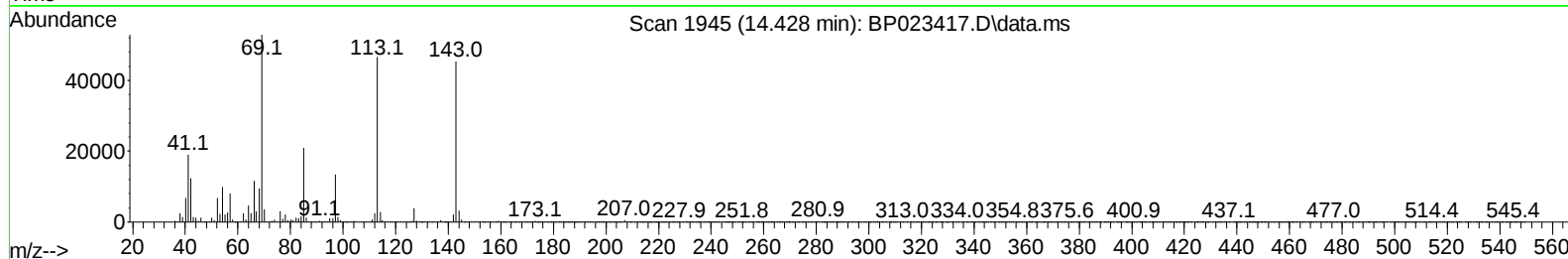
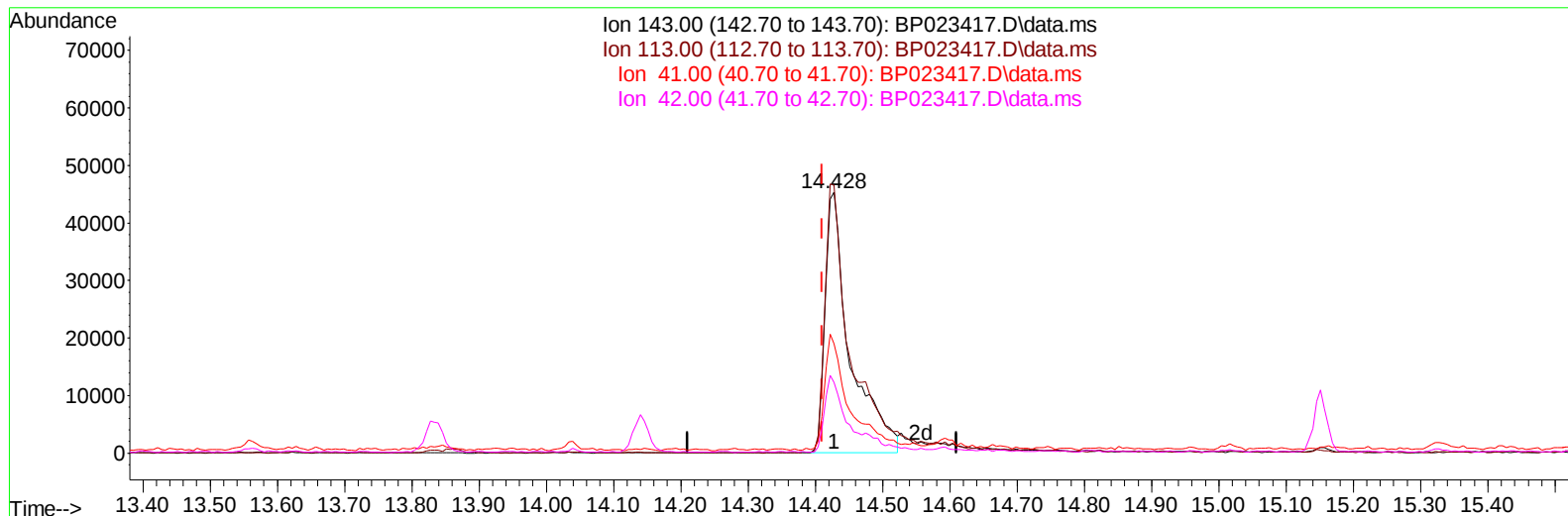
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Operator : RC/JU
Sample : P5232-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
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Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BP023417.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.428min (+ 0.017) 36.57 ng/u1

response 116842

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	102.77
41.00	45.60	41.92
42.00	31.70	27.13

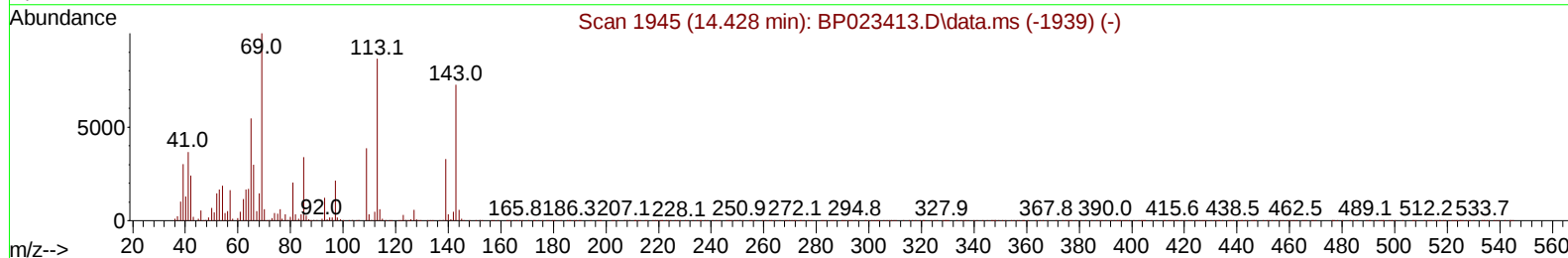
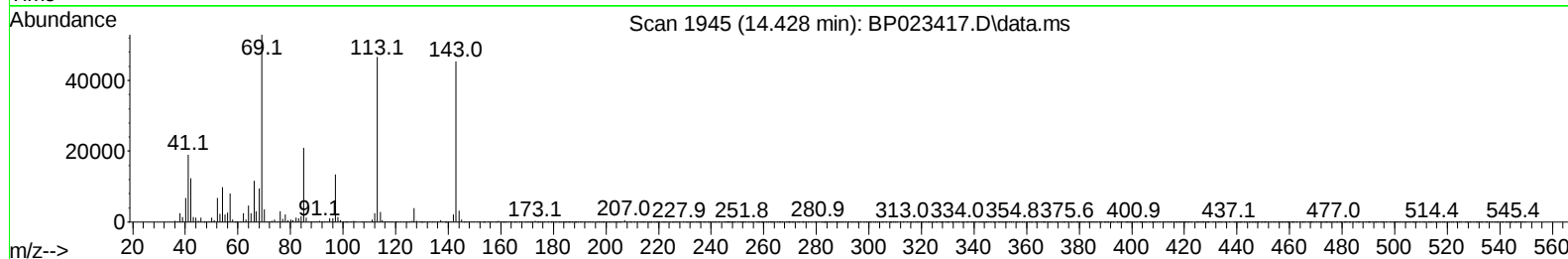
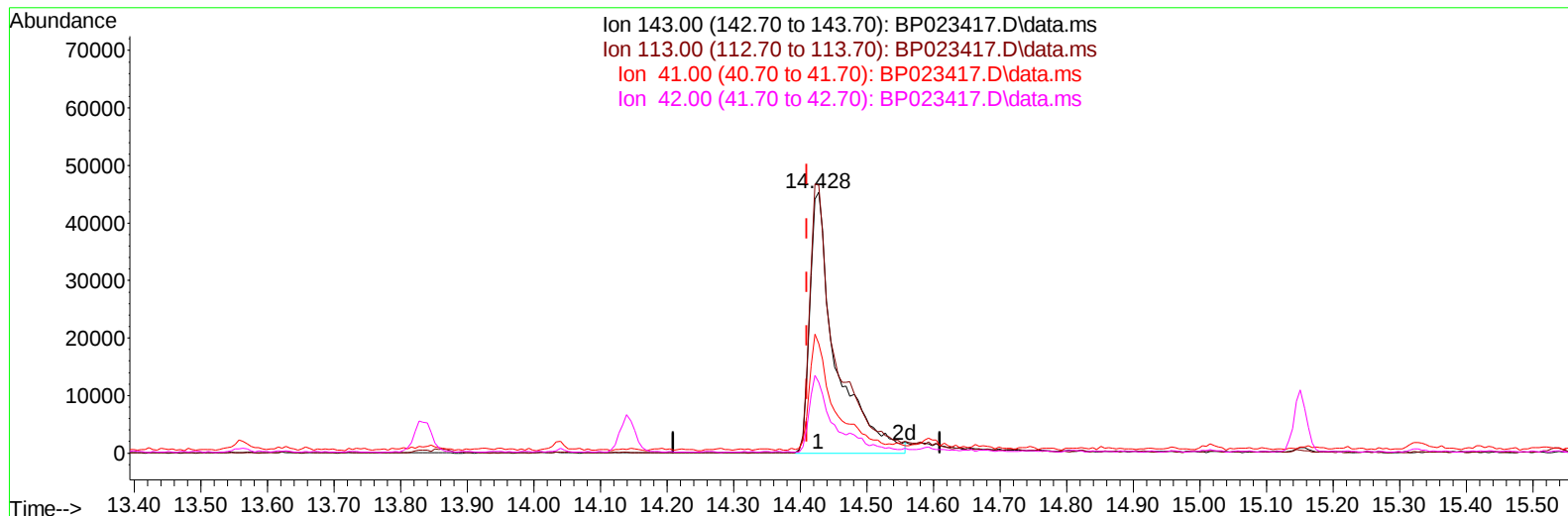
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023417.D
Acq On : 13 Dec 2024 12:49
Operator : RC/JU
Sample : P5232-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28S7

Manual IntegrationsAPPROVED

Quant Time: Dec 13 23:07:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BP023417.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.428min (+ 0.017) 38.12 ng/ul m

response 121788

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	102.77
41.00	45.60	41.92
42.00	31.70	27.13

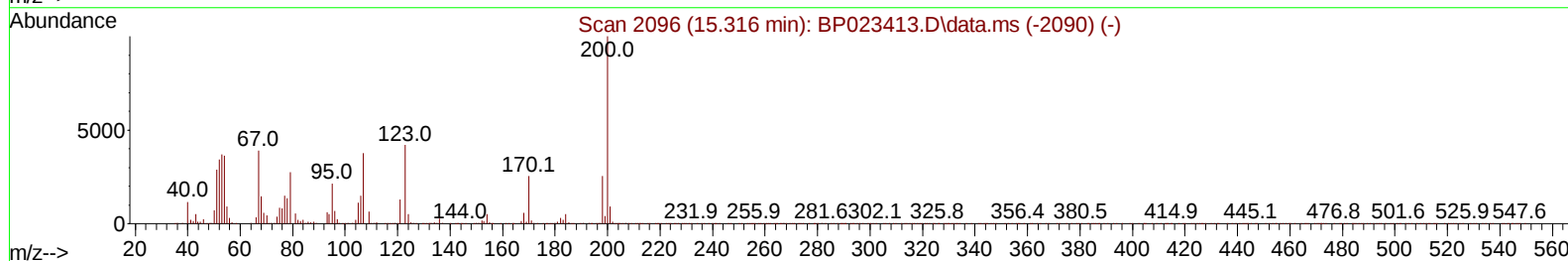
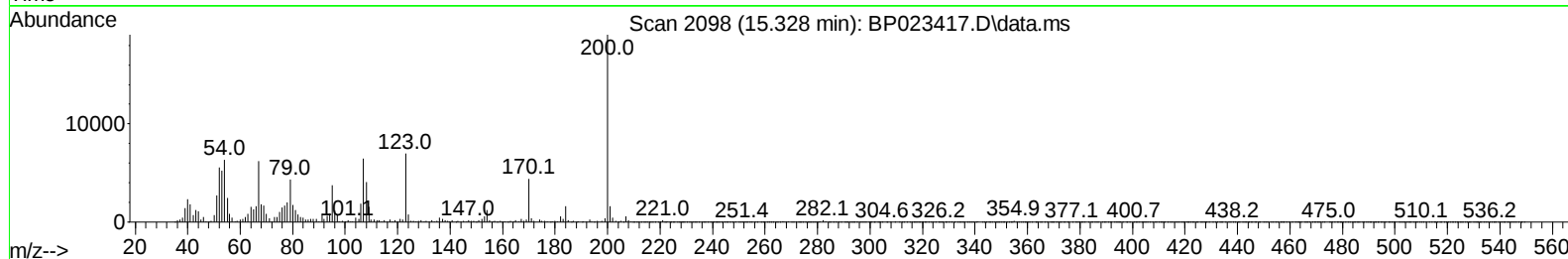
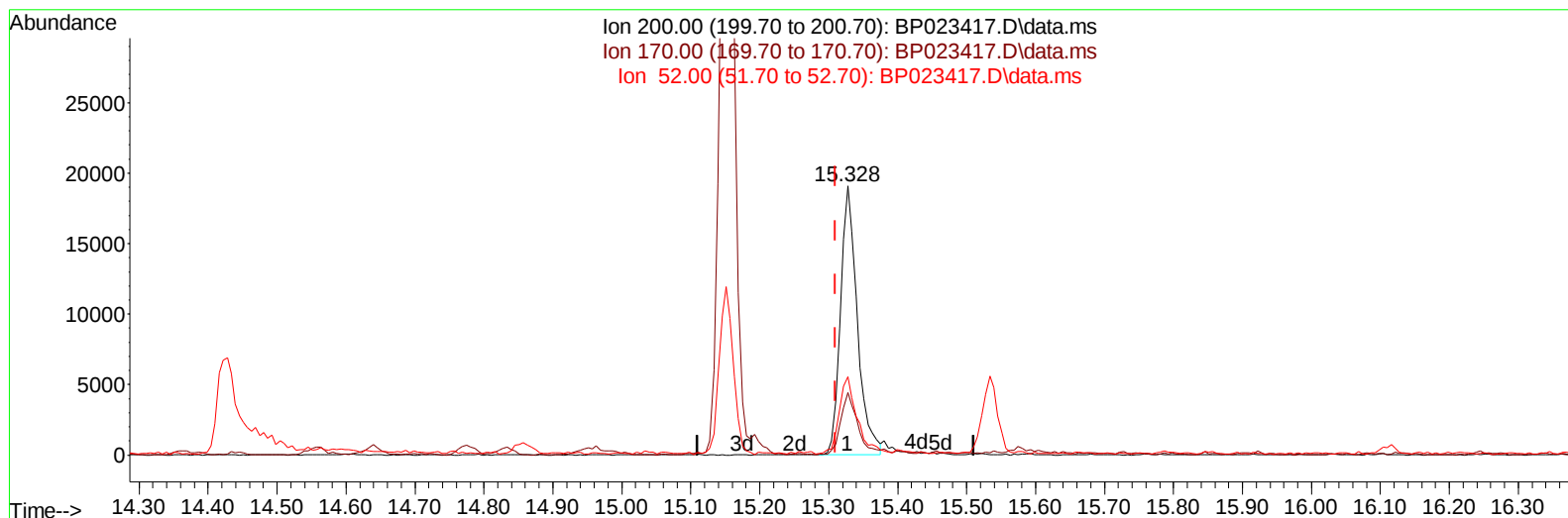
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
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 Acq On : 13 Dec 2024 12:49
 Operator : RC/JU
 Sample : P5232-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28S7

Manual IntegrationsAPPROVED

Quant Time: Dec 13 23:07:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
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 QLast Update : Wed Dec 11 00:30:30 2024
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Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024



TIC: BP023417.D\data.ms

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

15.328min (+ 0.017) 6.87 ng/ul

response 32235

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.30	23.17
52.00	37.90	29.09#
0.00	0.00	0.00

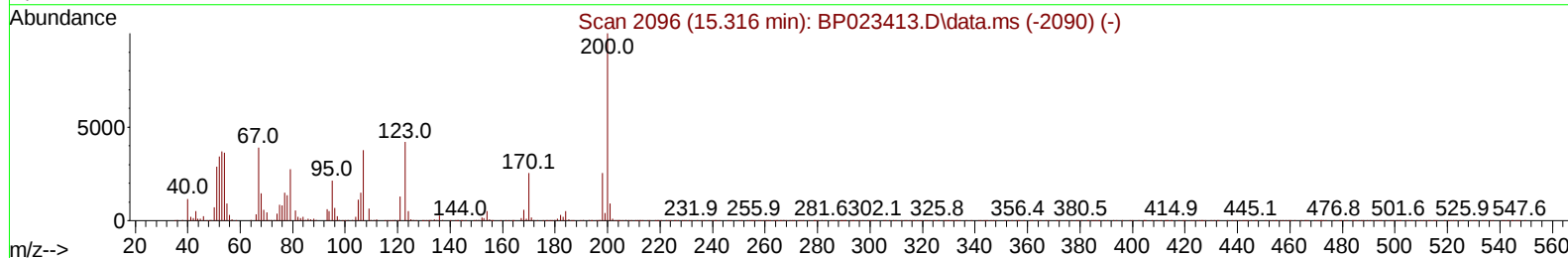
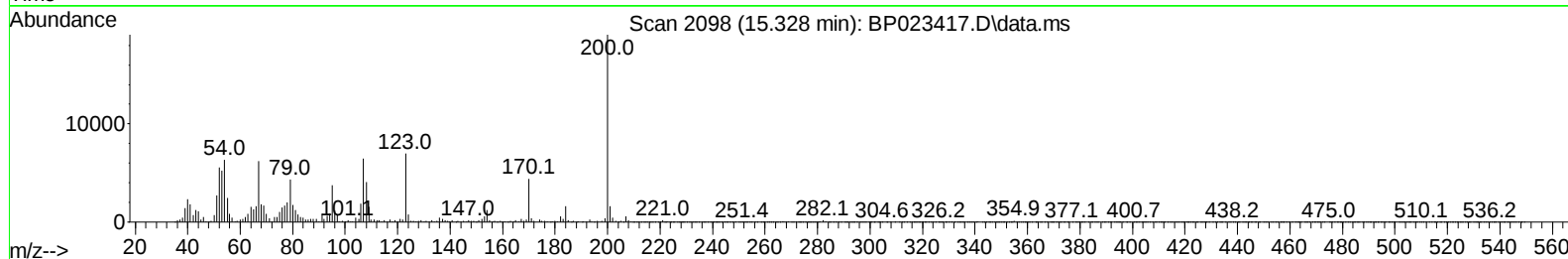
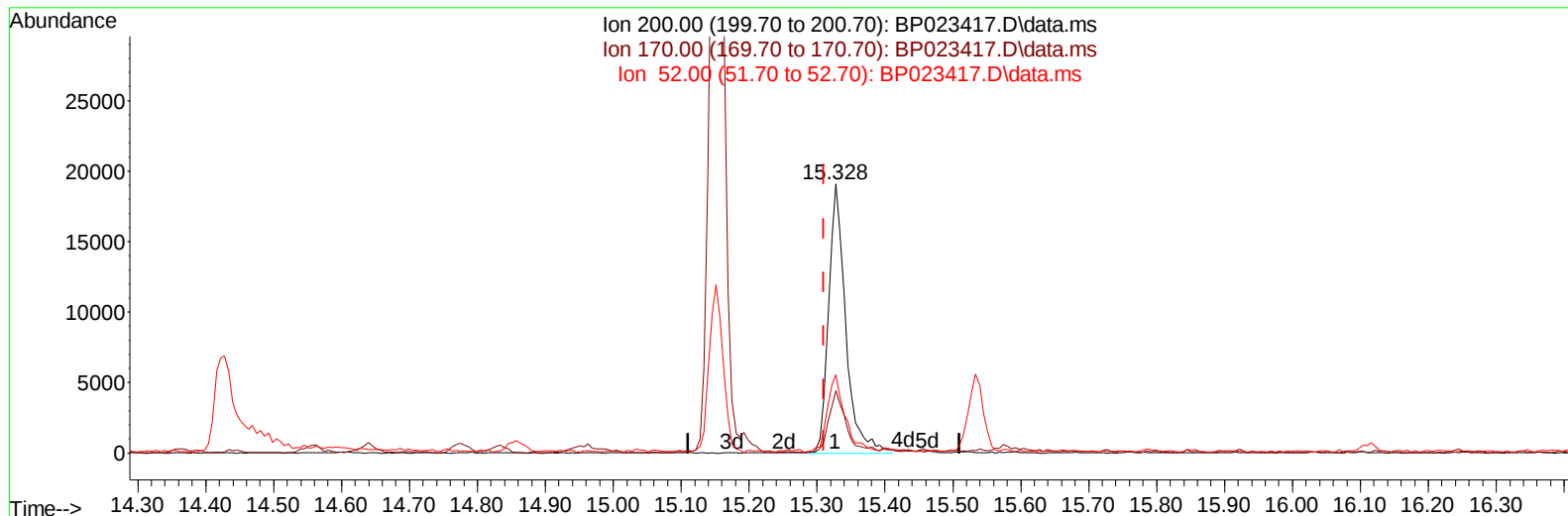
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023417.D
Acq On : 13 Dec 2024 12:49
Operator : RC/JU
Sample : P5232-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28S7

Manual IntegrationsAPPROVED

Quant Time: Dec 13 23:07:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
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Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BP023417.D\data.ms

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

15.328min (+ 0.017) 7.10 ng/ul m

response 33312

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.30	23.17
52.00	37.90	29.09#
0.00	0.00	0.00

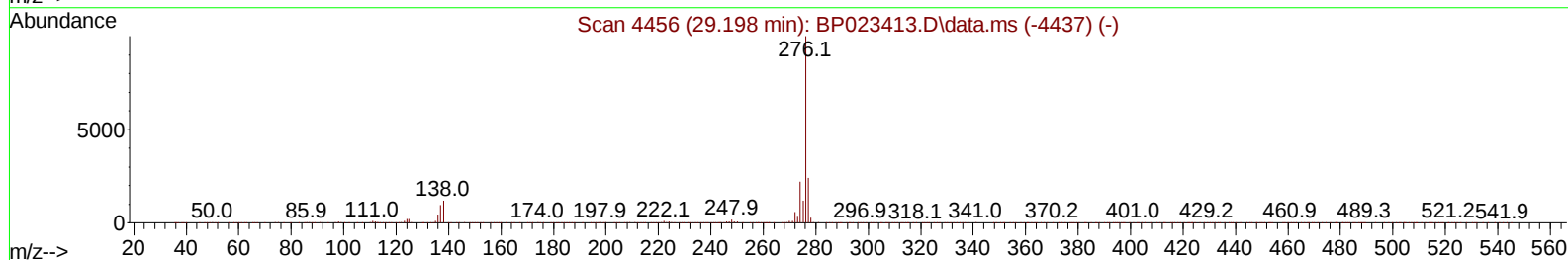
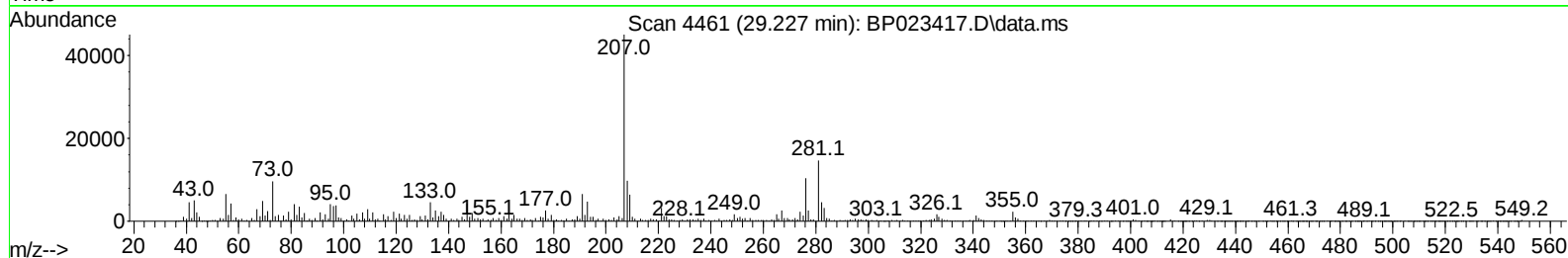
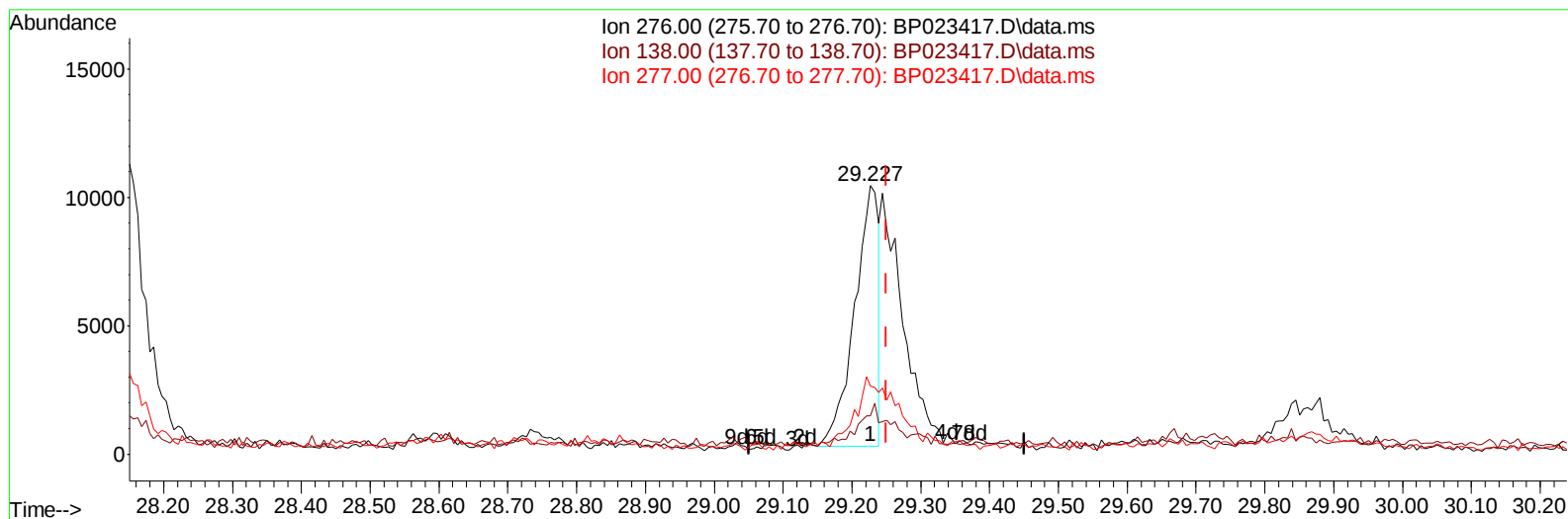
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Sample : P5232-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28S7

Manual IntegrationsAPPROVED

Quant Time: Dec 13 23:09:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
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Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BP023417.D\data.ms

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

29.227min (-0.024) 0.51 ng/u1

response 24469

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	14.32#
277.00	23.60	25.29
0.00	0.00	0.00

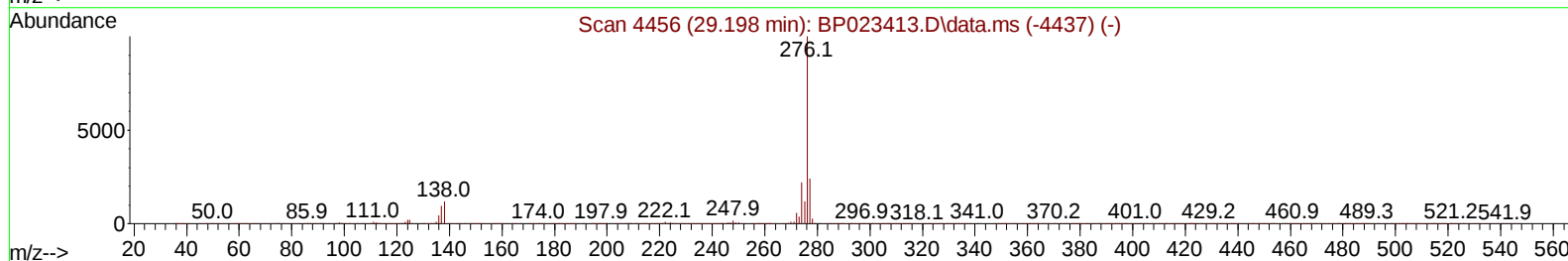
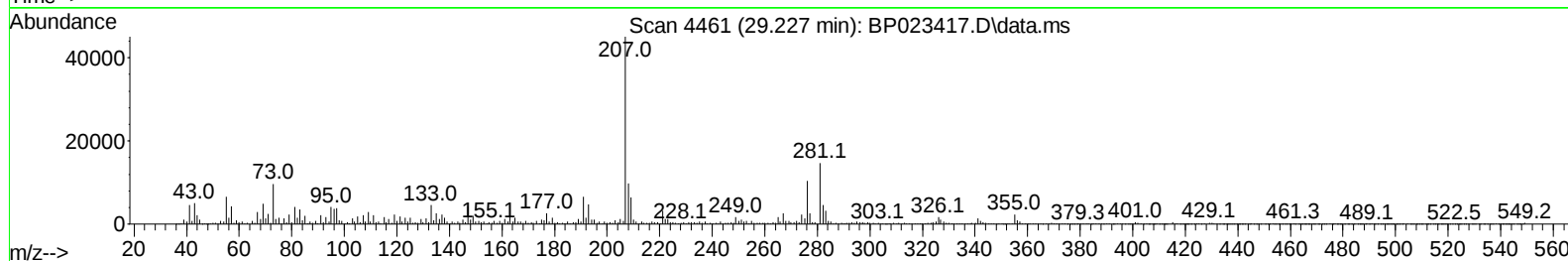
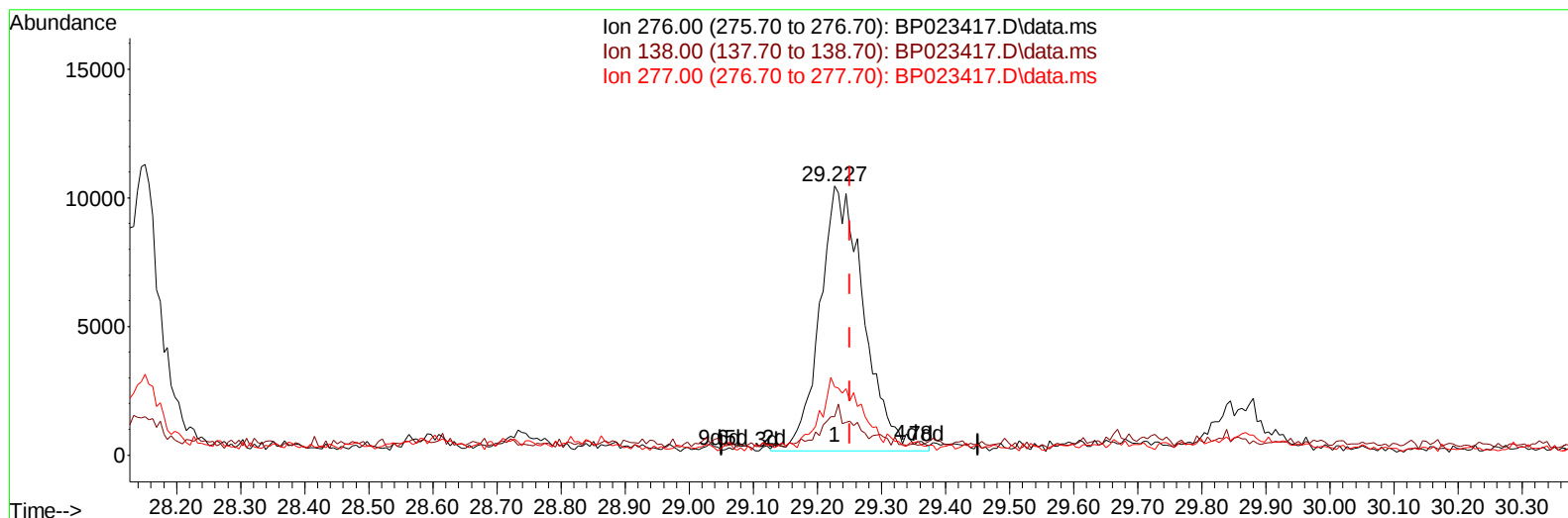
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023417.D
Acq On : 13 Dec 2024 12:49
Operator : RC/JU
Sample : P5232-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Dec 13 23:09:01 2024
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QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BP023417.D\data.ms

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

29.227min (-0.024) 1.02 ng/u1 m

response 49115

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	14.32#
277.00	23.60	25.29
0.00	0.00	0.00

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	110388	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	427659	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.139	164	335828	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.945	188	776819	20.000	ng/ul	-0.01
79) Chrysene-d12	21.374	240	775906	20.000	ng/ul	-0.01
88) Perylene-d12	24.539	264	862091	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	10257	3.421	ng/uL	0.00
4) Pyridine-d5	3.511	84	159783	20.724	ng/ul	0.00
7) Phenol-d5	6.746	99	272748	31.490	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	148326	27.143	ng/ul	0.00
11) 2-Chlorophenol-d4	7.081	132	187928	29.398	ng/ul	0.00
15) 4-Methylphenol-d8	8.252	113	226247	32.365	ng/ul	0.00
21) Nitrobenzene-d5	8.681	128	95098	29.779	ng/ul	0.00
24) 2-Nitrophenol-d4	9.387	143	112887	30.671	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.934	165	266324	34.285	ng/ul	0.00
31) 4-Chloroaniline-d4	10.434	131	238310	27.385	ng/ul	0.00
46) Dimethylphthalate-d6	13.563	166	913324	35.033	ng/ul	0.00
49) Acenaphthylene-d8	13.834	160	838095	30.478	ng/ul	0.00
54) 4-Nitrophenol-d4	14.428	143	121788m	38.121	ng/ul	0.02
60) Fluorene-d10	15.151	176	649536	28.326	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.328	200	33312m	7.096	ng/ul	0.02
73) Anthracene-d10	17.051	188	1066715	30.088	ng/ul	0.00
81) Pyrene-d10	19.439	212	1076189	26.548	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	989662	21.445	ng/ul	-0.04
Target Compounds						
					Qvalue	
8) Phenol	6.775	94	24019m	2.664	ng/ul	
72) Phenanthrene	16.992	178	43884	1.093	ng/ul	99
80) Fluoranthene	19.092	202	155016	3.337	ng/ul	99
82) Pyrene	19.469	202	121625	2.467	ng/ul	98
85) Benzo(a)anthracene	21.357	228	53863	1.035	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	27781	1.133	ng/ul#	99
87) Chrysene	21.416	228	76129	1.527	ng/ul	96
90) Benzo(b)fluoranthene	23.545	252	103837	1.917	ng/ul#	95
93) Benzo(a)pyrene	24.380	252	55725	1.135	ng/ul#	92
96) Benzo(g,h,i)perylene	29.227	276	49115m	1.016	ng/ul	

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

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Manual IntegrationsAPPROVED

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