

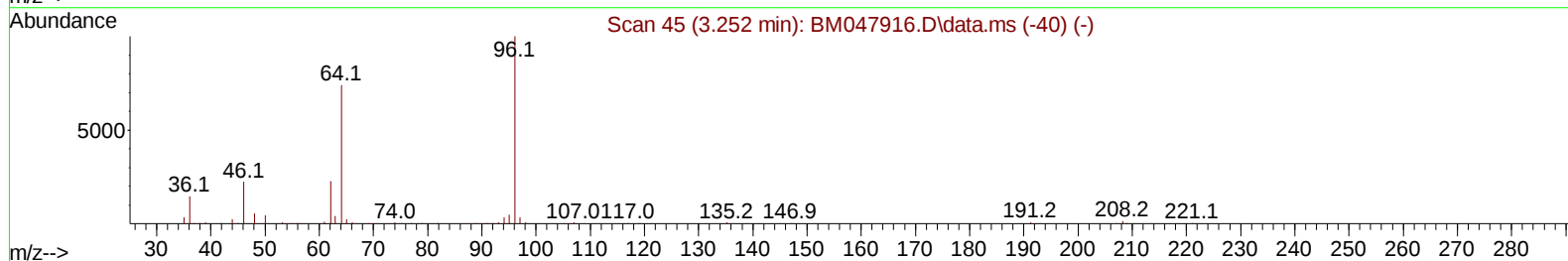
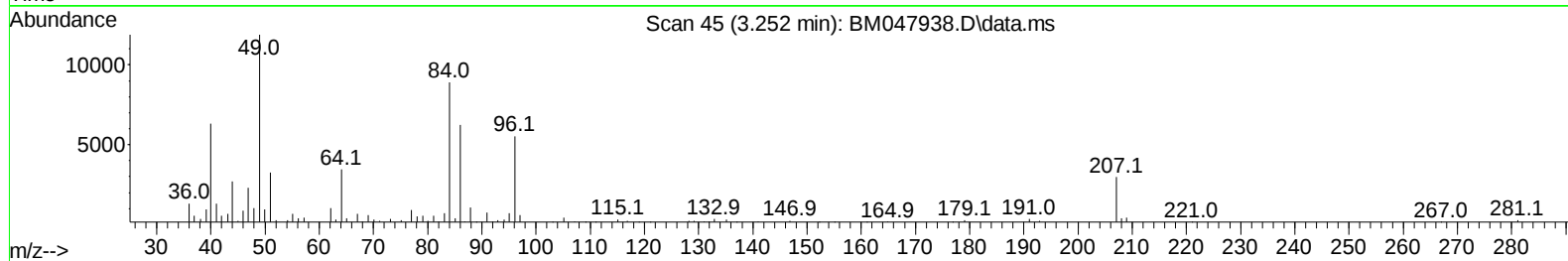
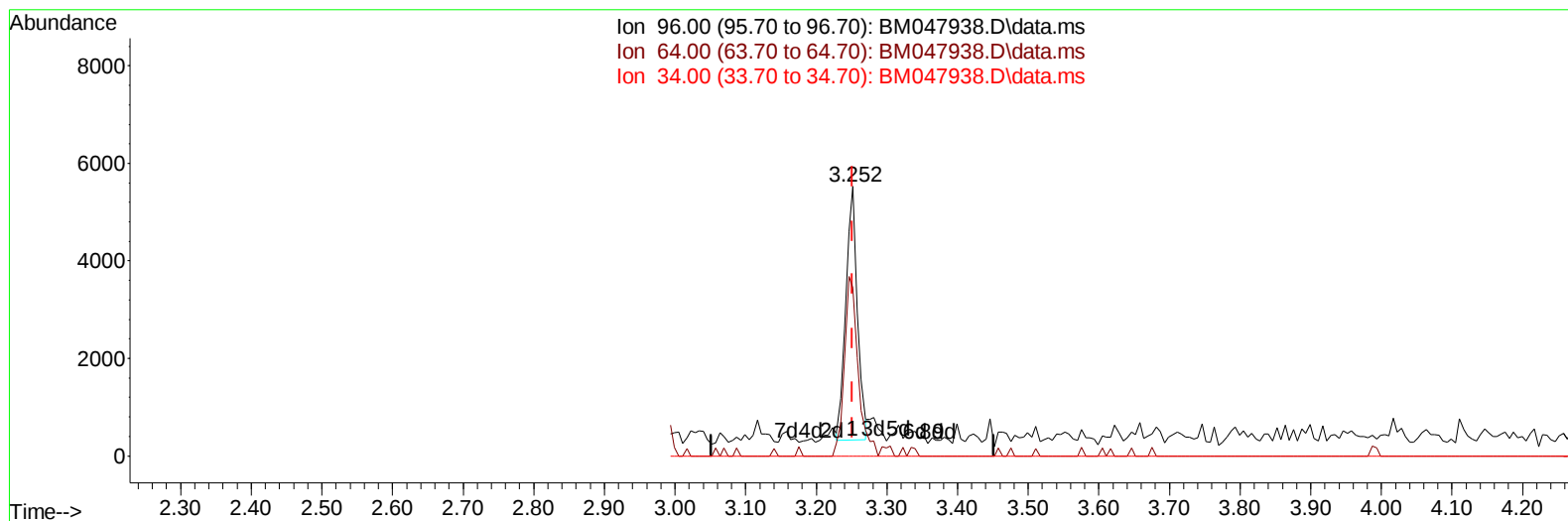
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047938.D
Acq On : 09 Oct 2024 08:14
Operator : RC/JU
Sample : P4183-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EK7

Manual IntegrationsAPPROVED

Quant Time: Oct 09 09:07:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BM047938.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.252min (+ 0.000) 0.70 ng/uL

response 5949

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	85.50	62.47#
34.00	0.00	0.00
0.00	0.00	0.00

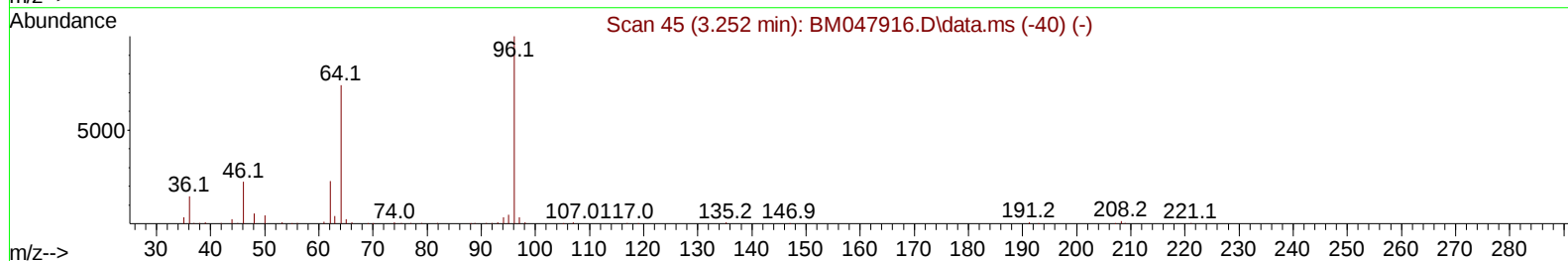
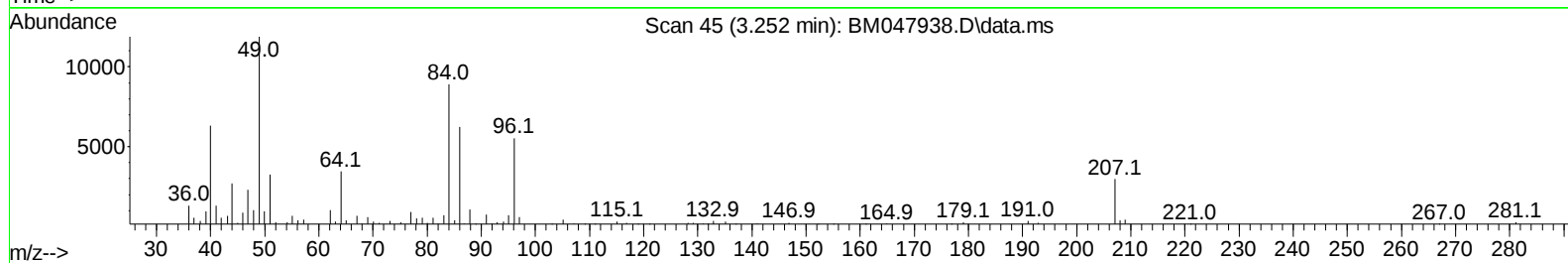
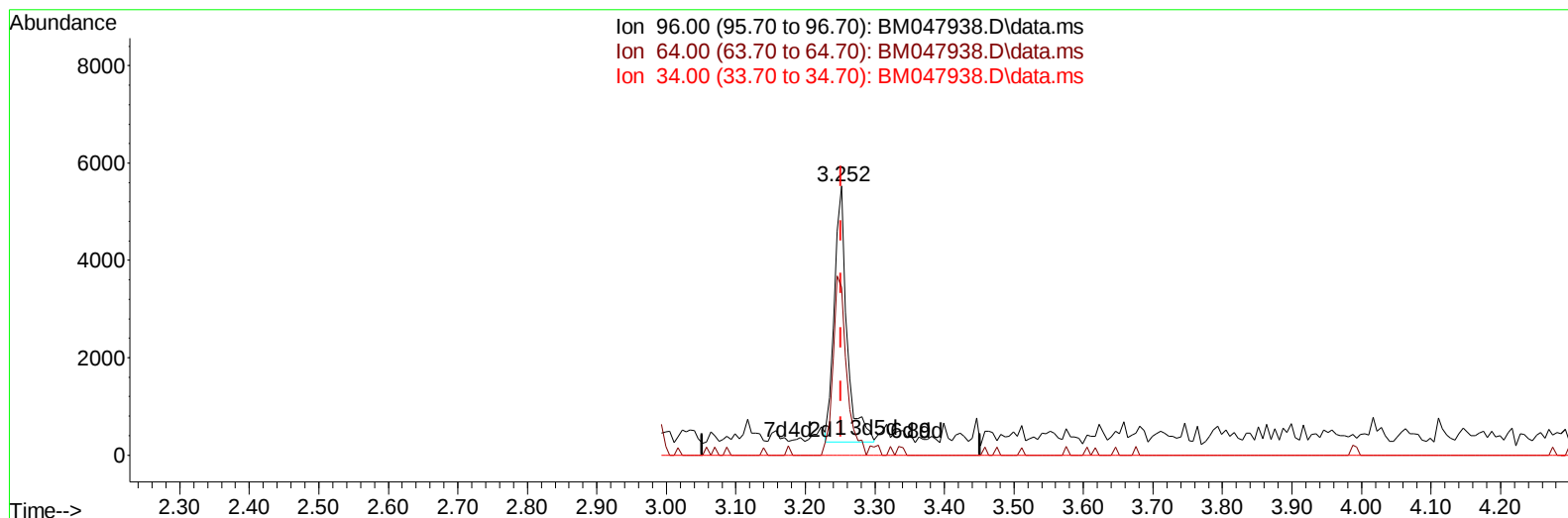
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 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024



TIC: BM047938.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.252min (+ 0.000) 0.78 ng/uL m

response 6677

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	85.50	62.47#
34.00	0.00	0.00
0.00	0.00	0.00

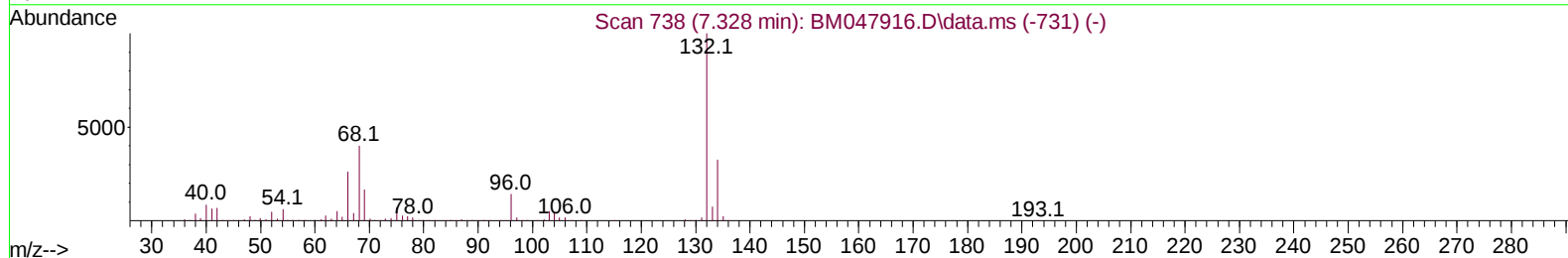
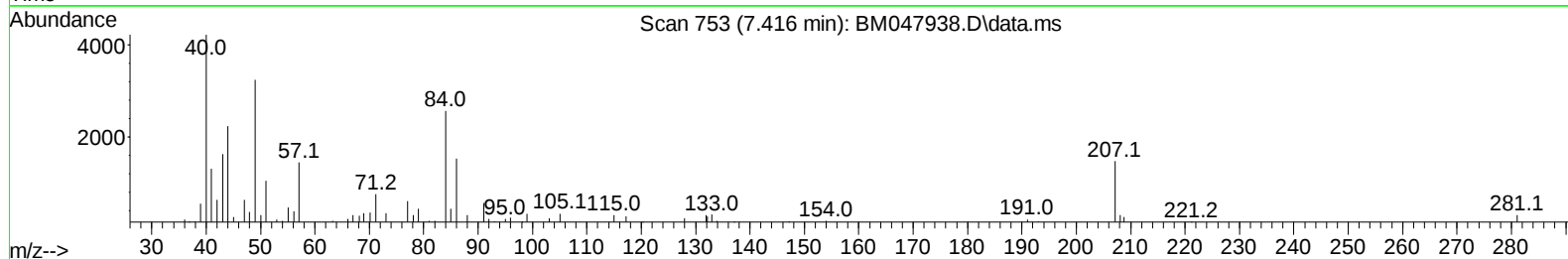
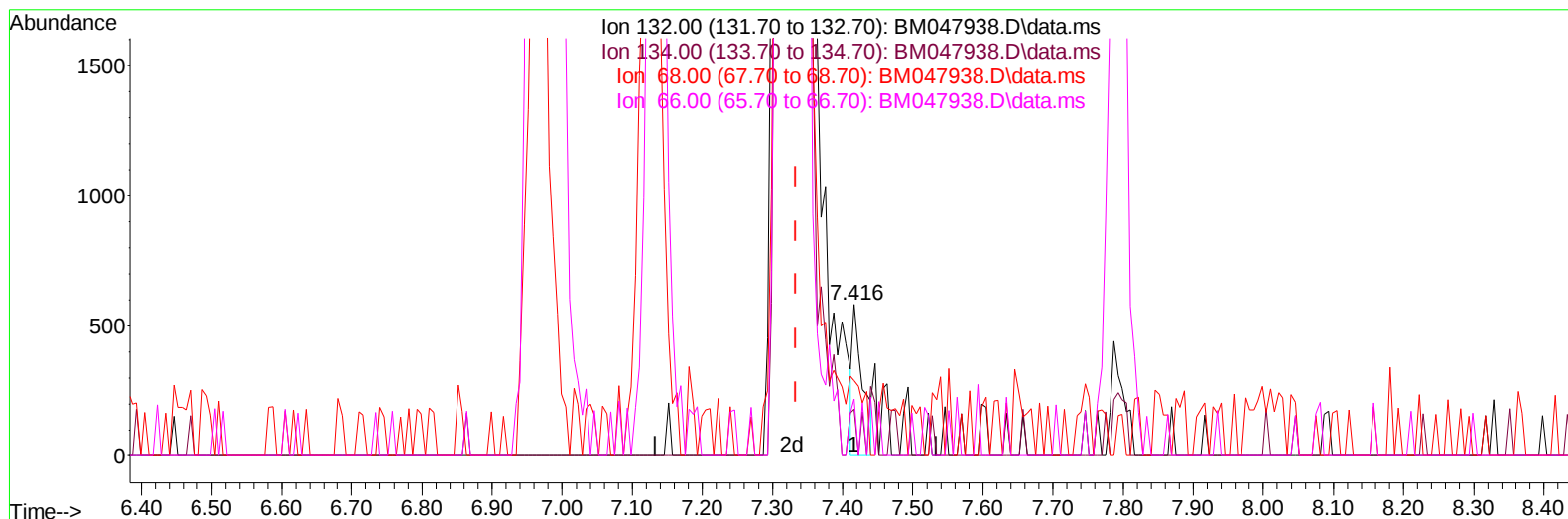
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047938.D
Acq On : 09 Oct 2024 08:14
Operator : RC/JU
Sample : P4183-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EK7

Manual IntegrationsAPPROVED

Quant Time: Oct 09 09:05:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BM047938.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.416min (+ 0.083) 0.03 ng/u1

response 591

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	31.60	30.76
68.00	49.40	49.83
66.00	34.80	37.63

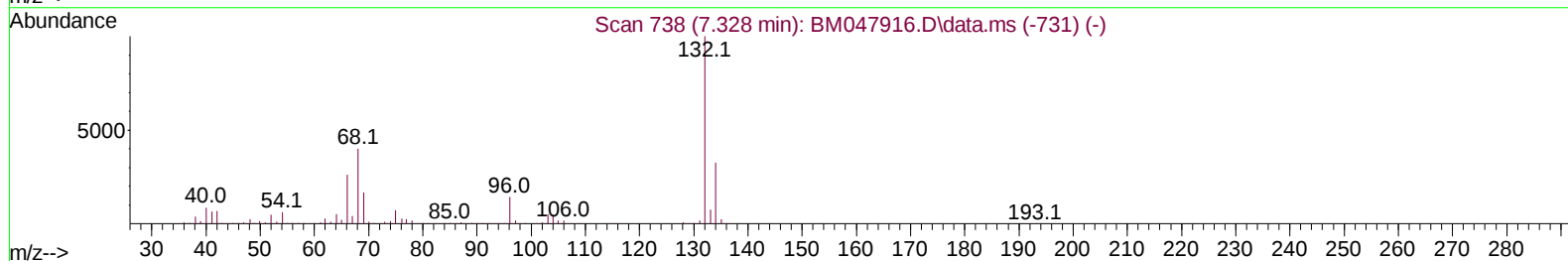
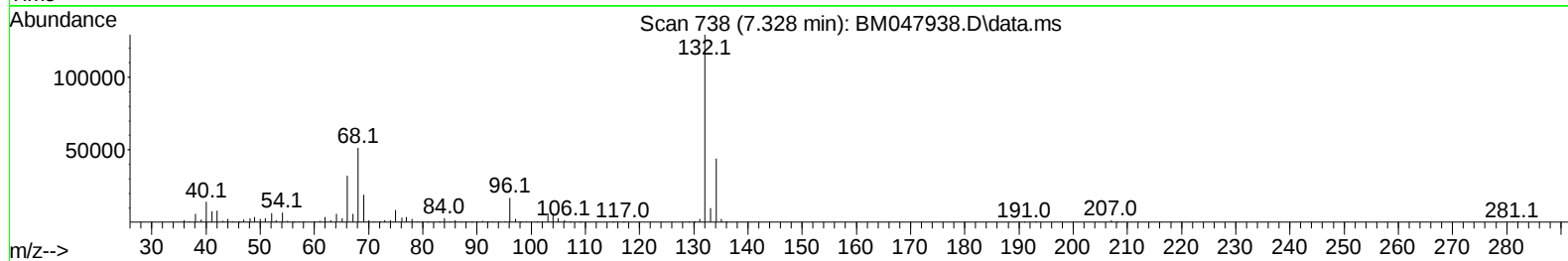
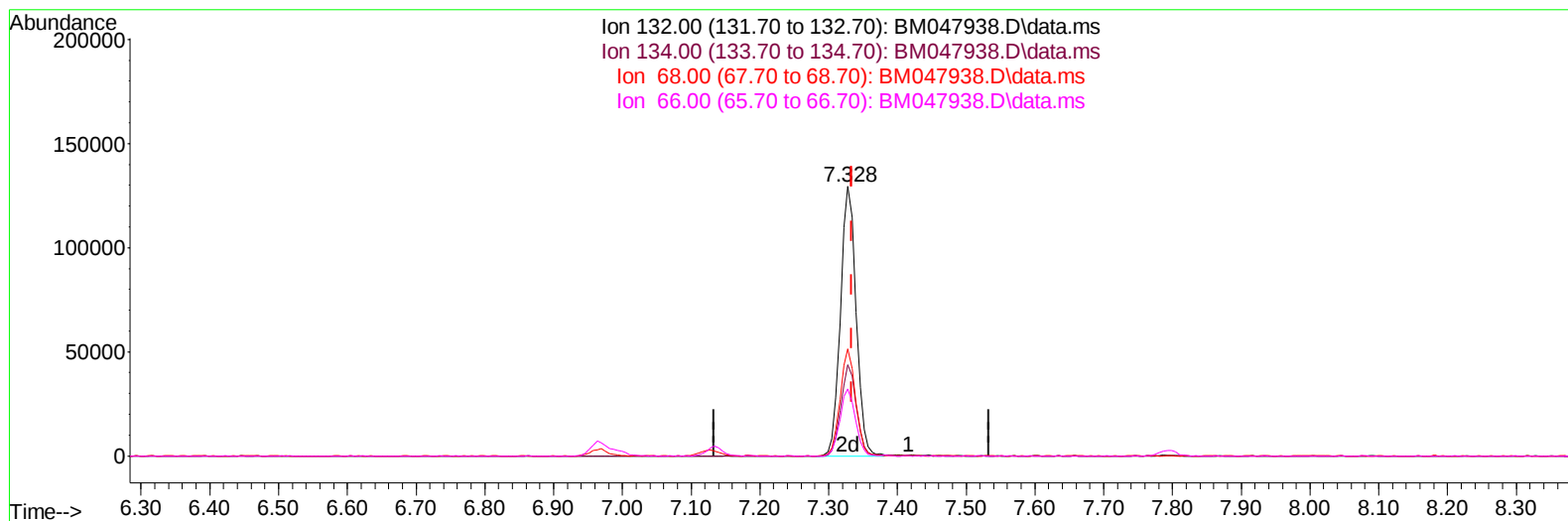
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047938.D
Acq On : 09 Oct 2024 08:14
Operator : RC/JU
Sample : P4183-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EK7

Manual IntegrationsAPPROVED

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TIC: BM047938.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.328min (-0.005) 10.78 ng/u1 m

response 204480

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	31.60	33.88
68.00	49.40	39.82
66.00	34.80	24.83#

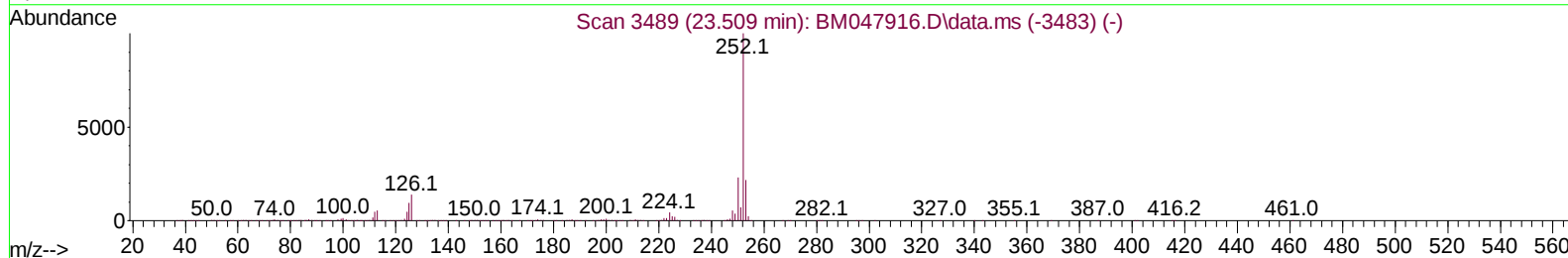
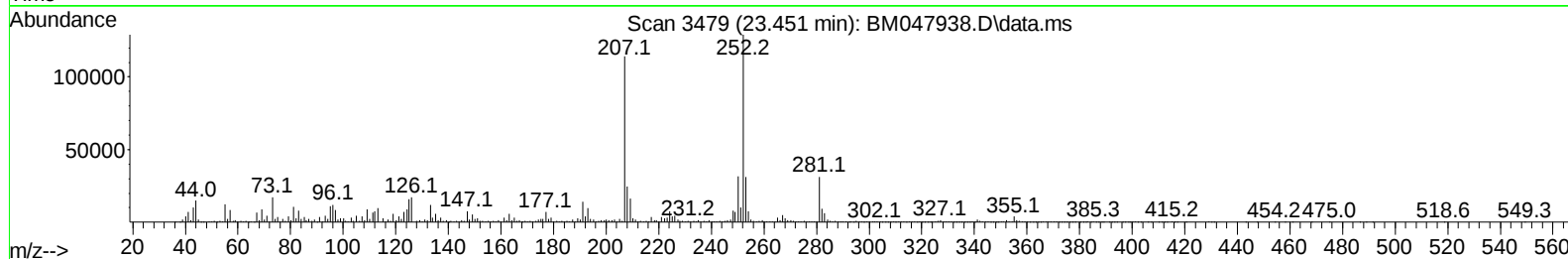
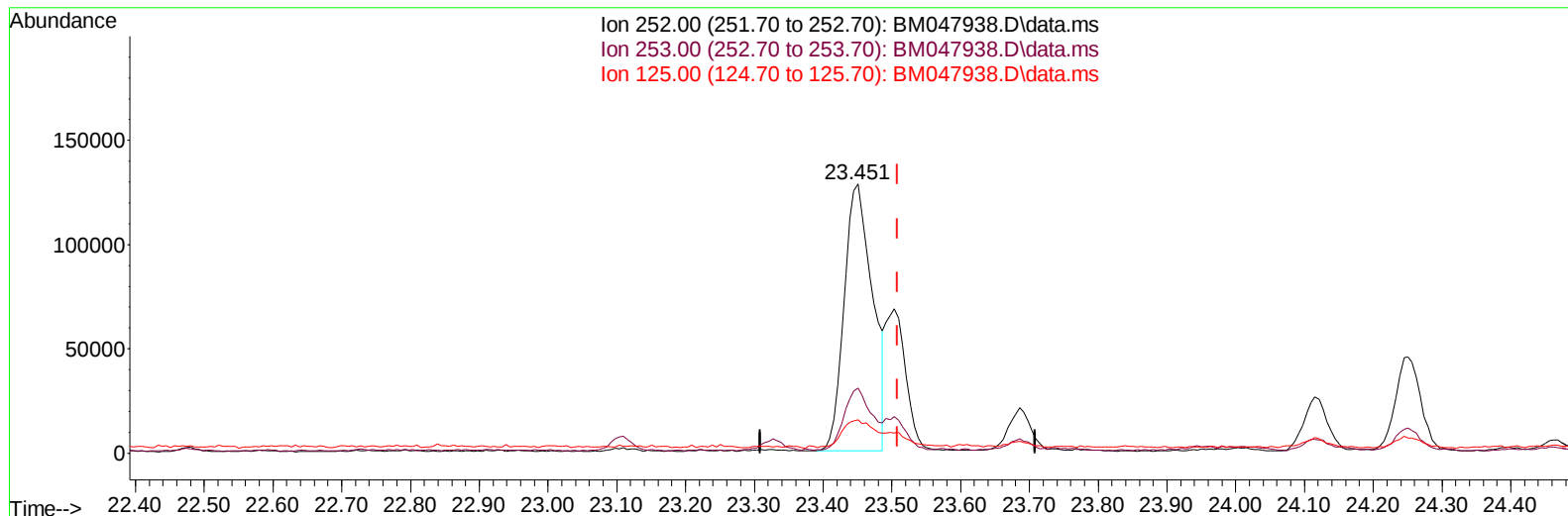
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047938.D
Acq On : 09 Oct 2024 08:14
Operator : RC/JU
Sample : P4183-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EK7

Manual IntegrationsAPPROVED

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TIC: BM047938.D\data.ms

(91) Benzo(k)fluoranthene

23.451min (-0.058) 4.09 ng/u1

response 368031

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	24.13
125.00	11.10	12.30
0.00	0.00	0.00

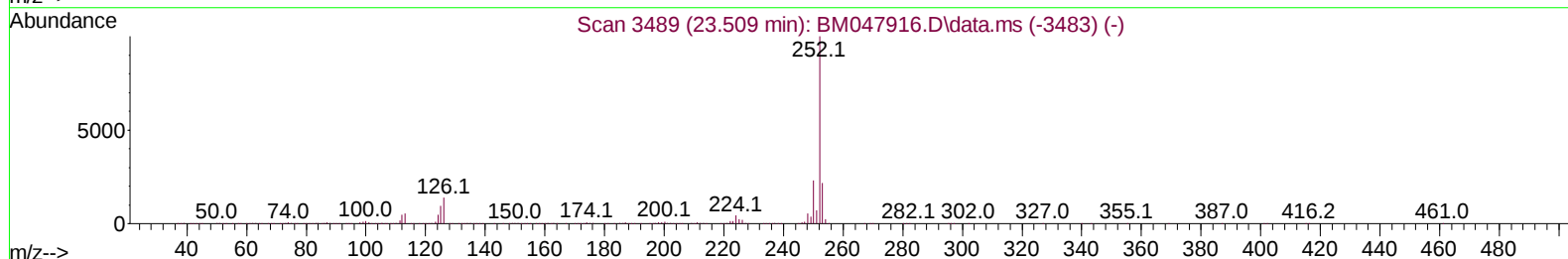
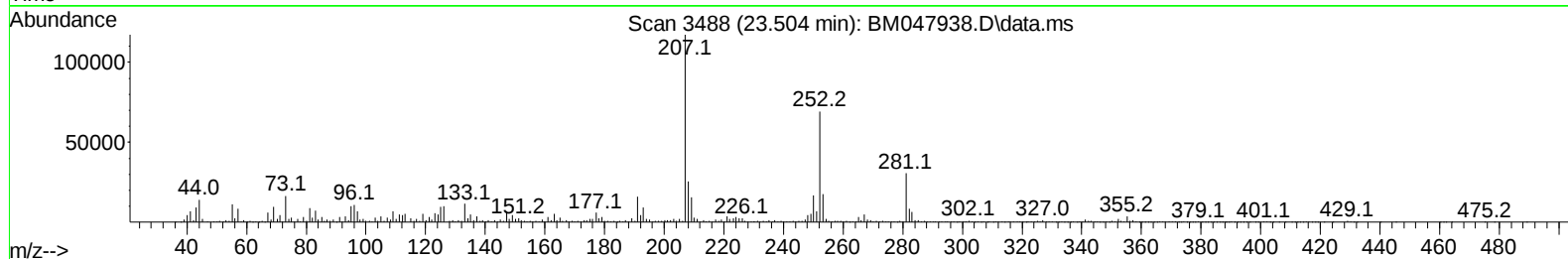
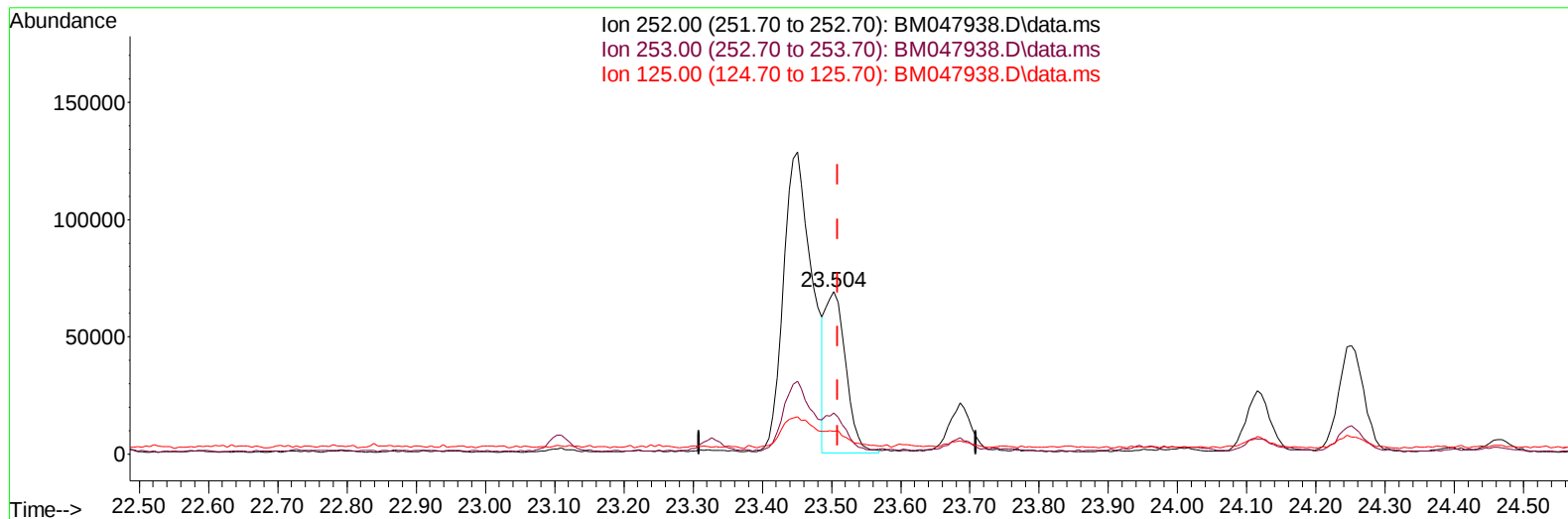
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Sample : P4183-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM047938.D\data.ms

(91) Benzo(k)fluoranthene

23.504min (-0.005) 1.56 ng/u1 m

response 140441

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	25.38
125.00	11.10	14.02#
0.00	0.00	0.00

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 Operator : RC/JU
 Sample : P4183-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EK7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 09:16:43 2024
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	275649	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	1115460	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.428	164	683248	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1364850	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	1251799	20.000	ng/ul	0.00
88) Perylene-d12	24.398	264	1410823	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	6677m	0.783	ng/uL	0.00
4) Pyridine-d5	3.681	84	15463	0.619	ng/ul	0.02
7) Phenol-d5	6.963	99	239570	9.191	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	147304	7.964	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	204480m	10.782	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	180632	9.321	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	96599	10.877	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	101511	11.927	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	185586	10.916	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	201245	7.656	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	519462	10.487	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	623507	10.616	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	66528	6.746	ng/ul	0.00
60) Fluorene-d10	15.422	176	473382	11.033	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	36760	4.603	ng/ul	0.00
73) Anthracene-d10	17.263	188	735177	10.955	ng/ul	-0.01
81) Pyrene-d10	19.557	212	789808	11.117	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	677656	9.258	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.210	178	283258	3.539	ng/ul	99
80) Fluoranthene	19.221	202	586997	7.015	ng/ul	98
82) Pyrene	19.586	202	377069	4.049	ng/ul	95
85) Benzo(a)anthracene	21.374	228	273338	3.119	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.298	149	162060	3.278	ng/ul#	97
87) Chrysene	21.439	228	278690	3.262	ng/ul	99
90) Benzo(b)fluoranthene	23.451	252	368031	4.183	ng/ul	96
91) Benzo(k)fluoranthene	23.504	252	140441m	1.561	ng/ul	
93) Benzo(a)pyrene	24.251	252	114014	1.364	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	27.774	276	112378	1.049	ng/ul#	88

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

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