

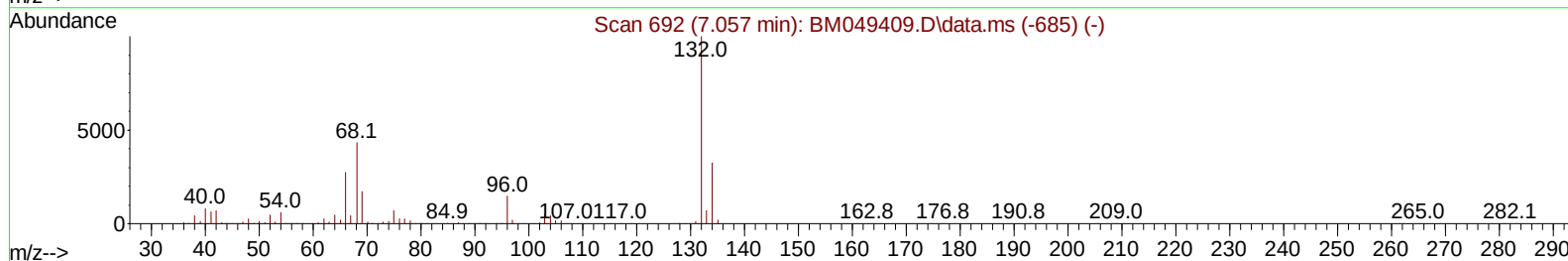
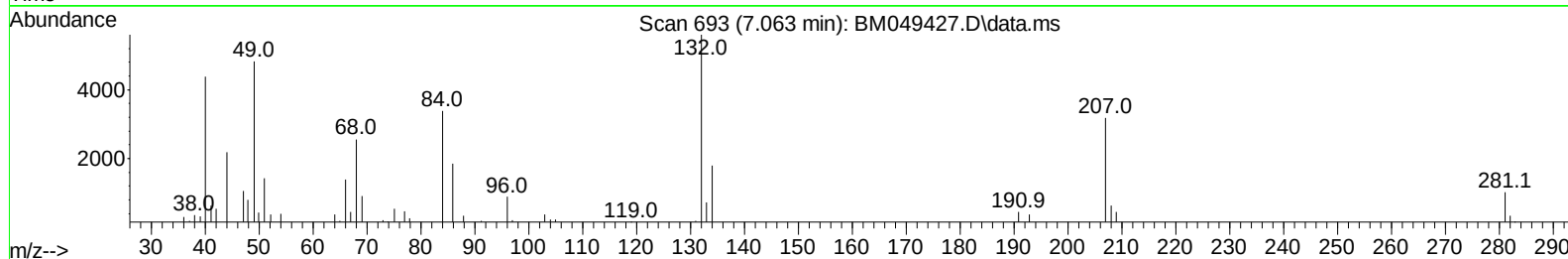
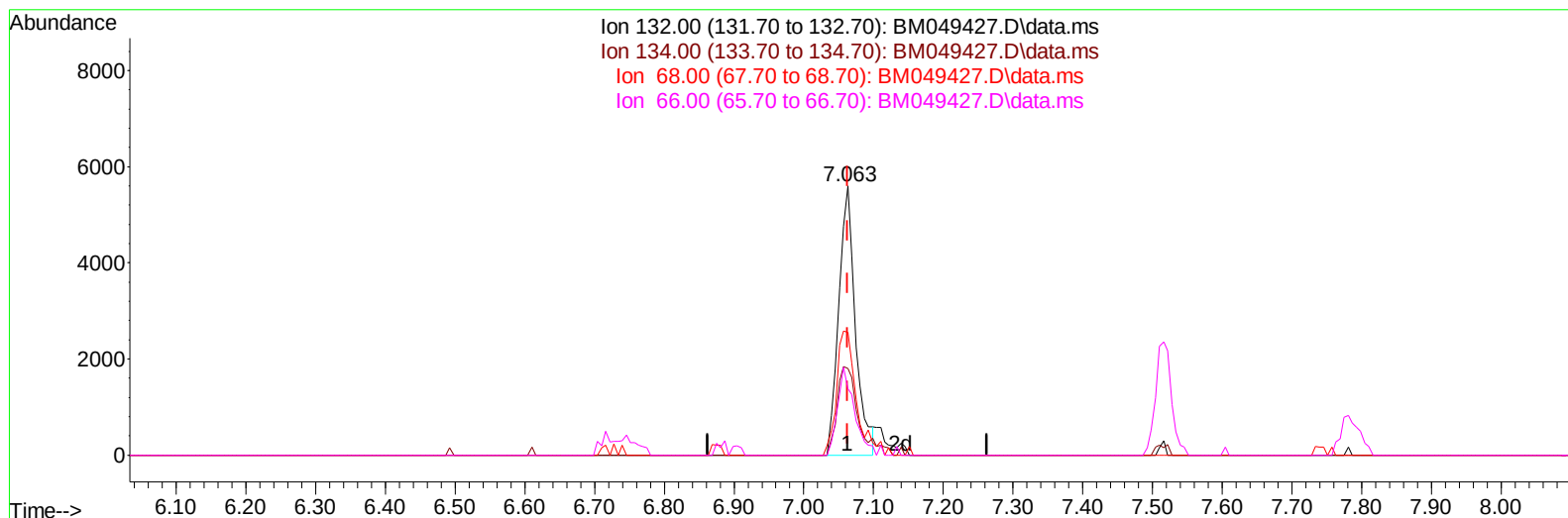
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049427.D
 Acq On : 23 Jan 2025 20:43
 Operator : RC/JU
 Sample : Q1139-12DL2 30X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH9DL2

Manual IntegrationsAPPROVED

Quant Time: Jan 23 22:12:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 13 16:56:06 2025
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :mohammad ahmed 01/24/2025



TIC: BM049427.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.063min (-0.000) 0.65 ng/u1

response 9247

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	33.50	32.27
68.00	44.50	45.73
66.00	28.00	24.73

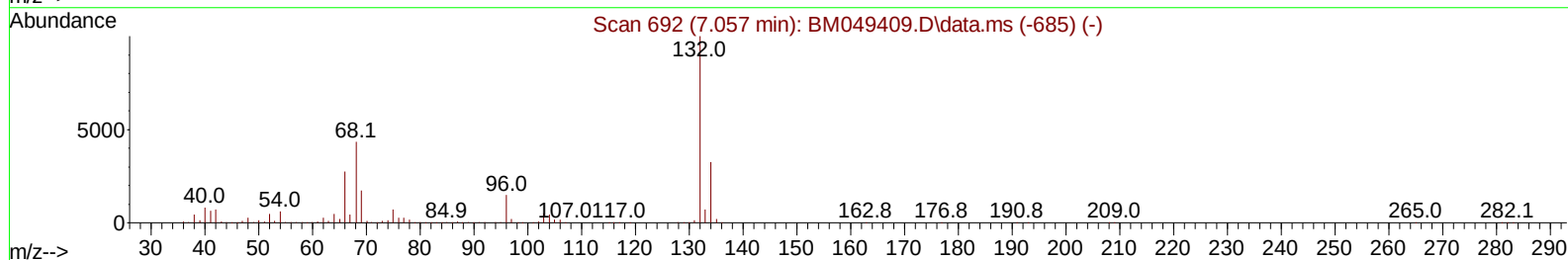
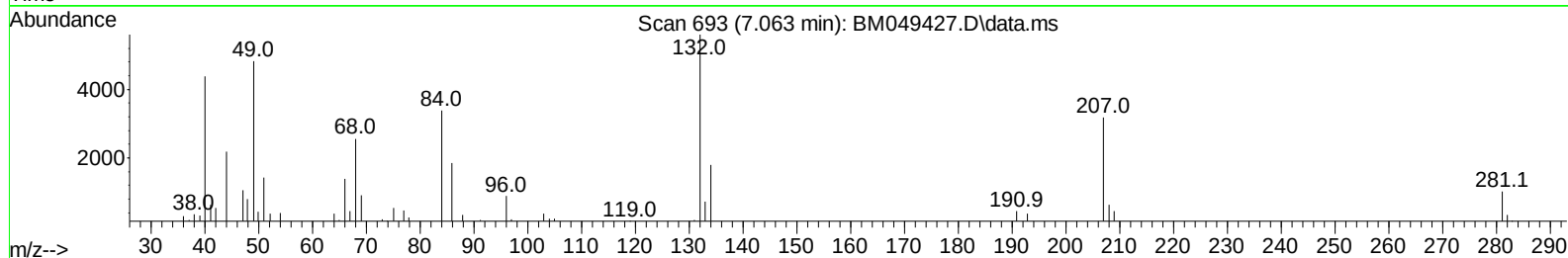
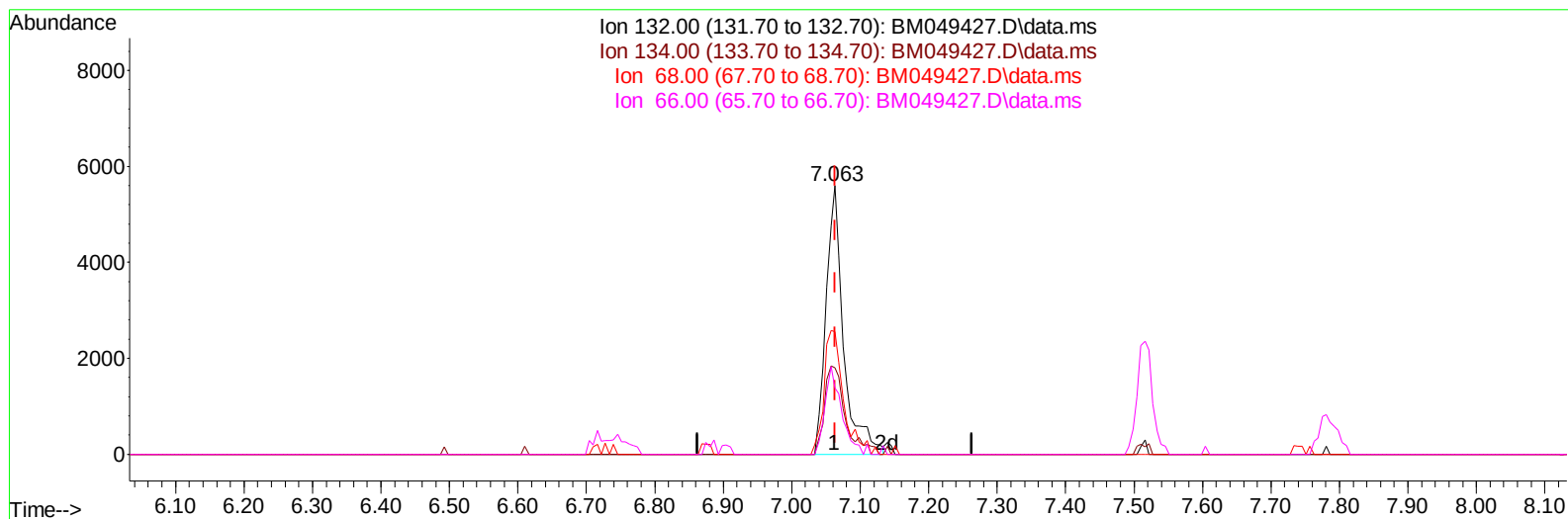
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TIC: BM049427.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.063min (-0.000) 0.69 ng/ul m

response 9944

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	33.50	32.27
68.00	44.50	45.73
66.00	28.00	24.73

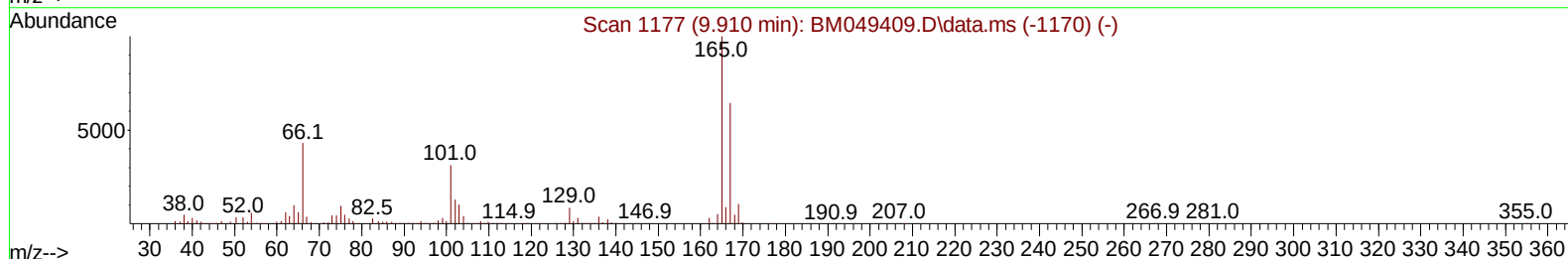
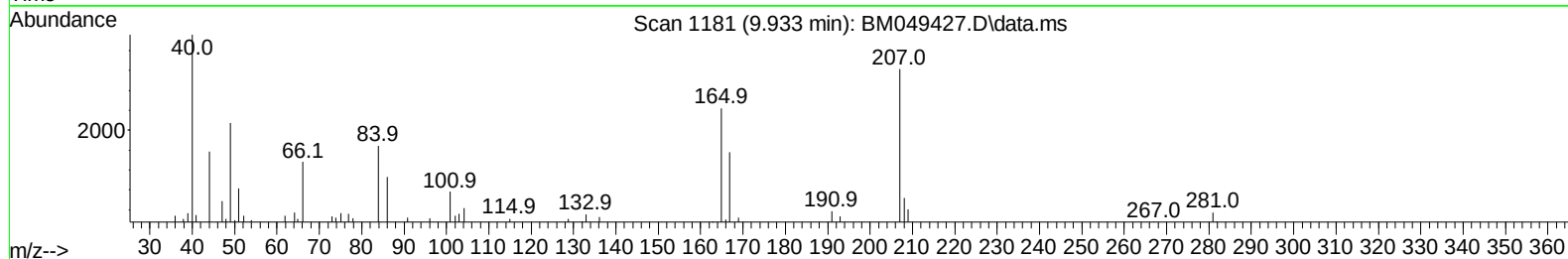
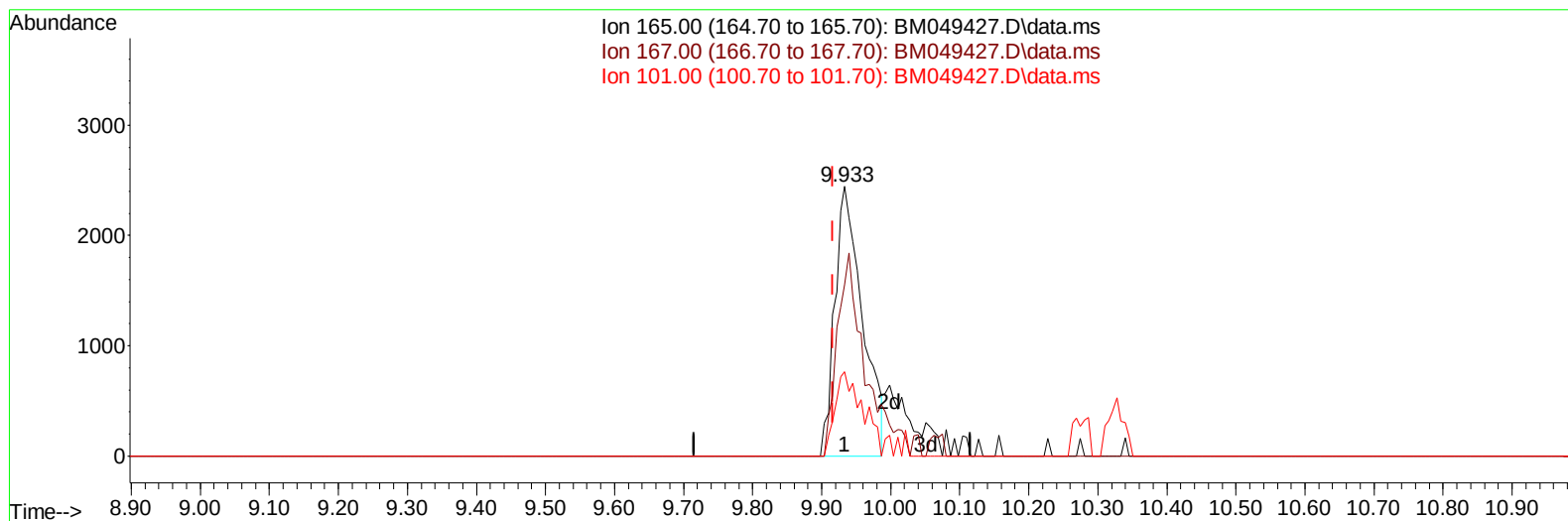
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Data File : BM049427.D
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ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM049427.D\data.ms

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

9.933min (+ 0.018) 0.50 ng/u1

response 6770

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	63.10	63.63
101.00	30.40	31.18
0.00	0.00	0.00

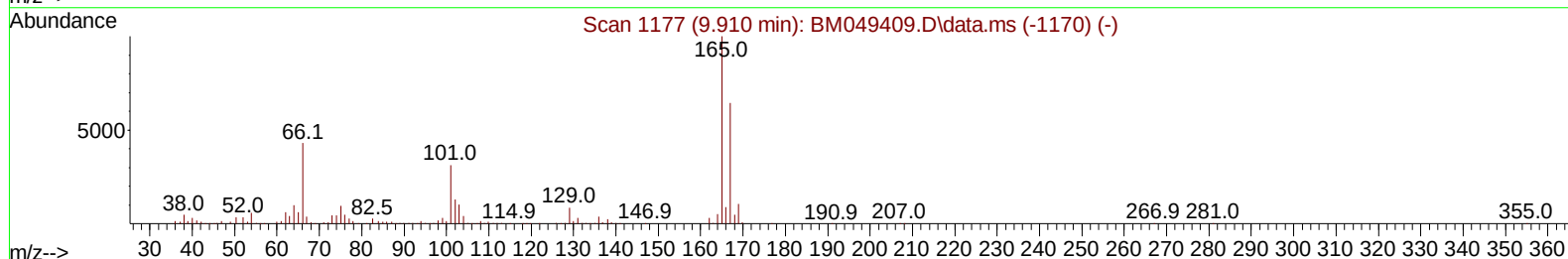
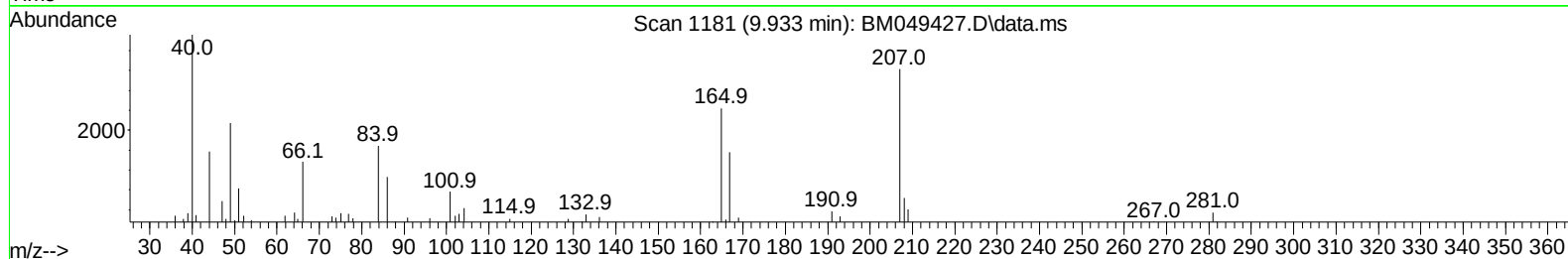
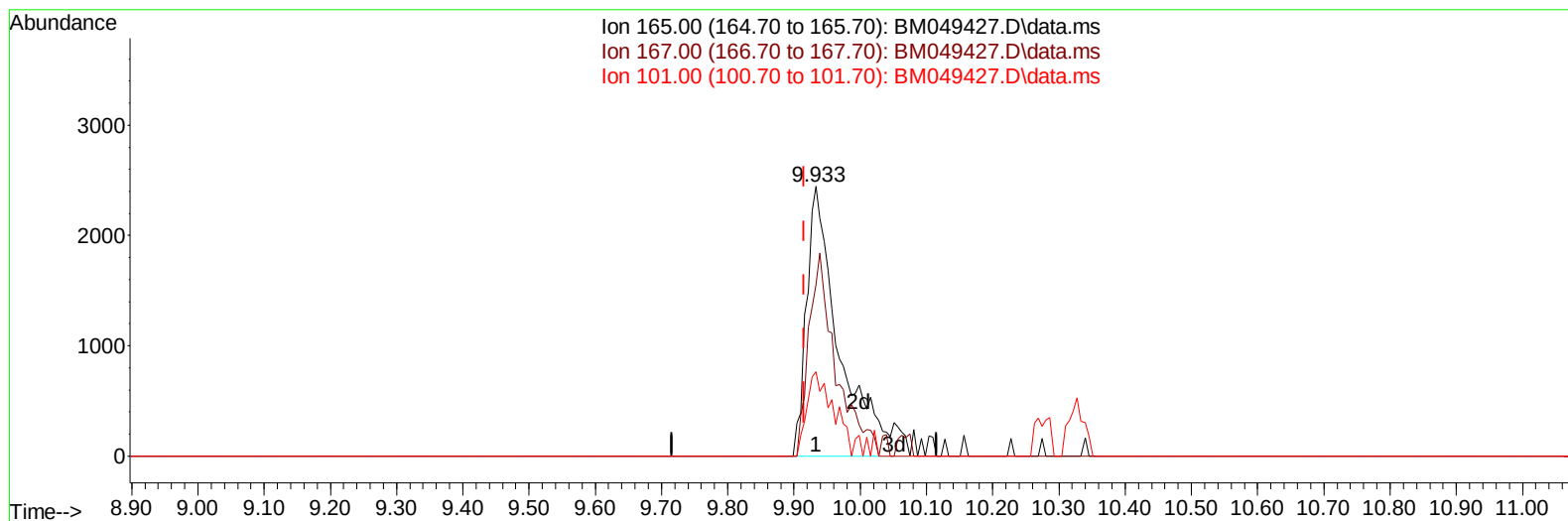
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049427.D
Acq On : 23 Jan 2025 20:43
Operator : RC/JU
Sample : Q1139-12DL2 30X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL2

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TIC: BM049427.D\data.ms

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

9.933min (+ 0.018) 0.62 ng/ul m

response 8519

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	63.10	63.63
101.00	30.40	31.18
0.00	0.00	0.00

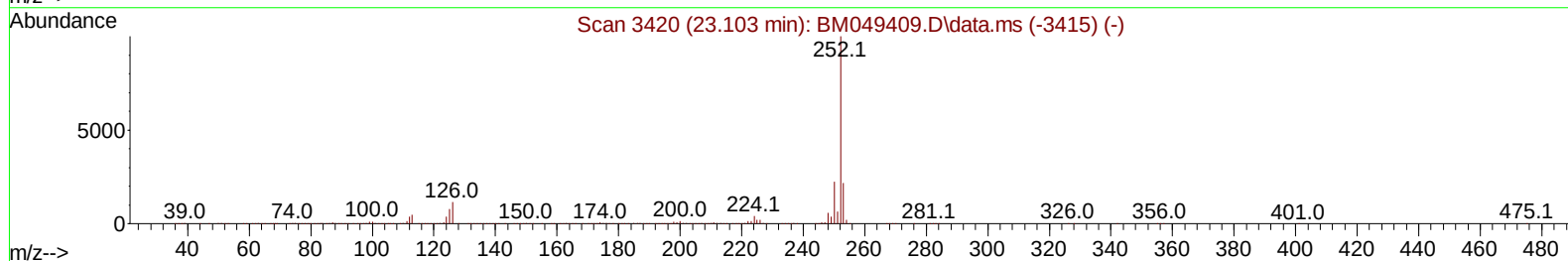
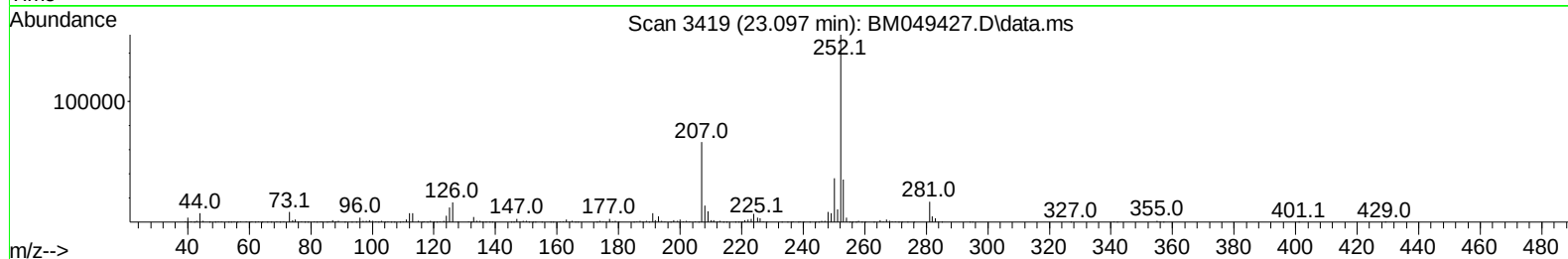
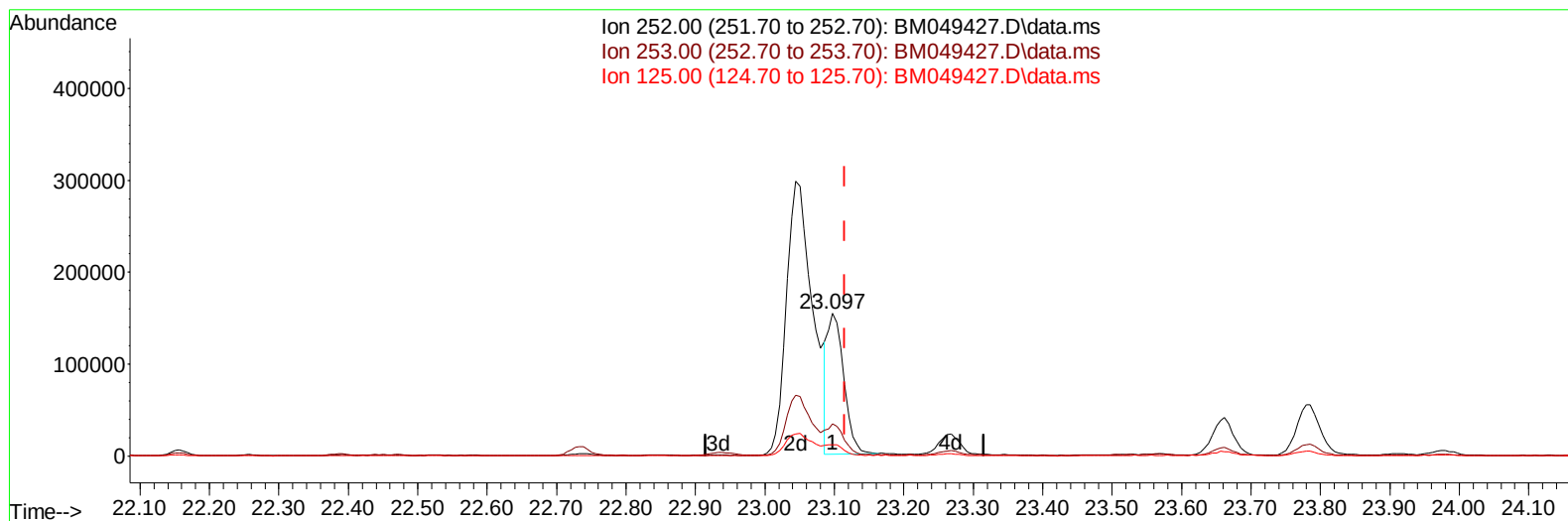
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Data File : BM049427.D
Acq On : 23 Jan 2025 20:43
Operator : RC/JU
Sample : Q1139-12DL2 30X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9DL2

Manual IntegrationsAPPROVED

Quant Time: Jan 23 23:42:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
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Reviewed By :Yogesh Patel 01/24/2025
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TIC: BM049427.D\data.ms

(91) Benzo(k)fluoranthene

23.097min (-0.018) 3.72 ng/u1

response 246129

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.73
125.00	8.10	7.76
0.00	0.00	0.00

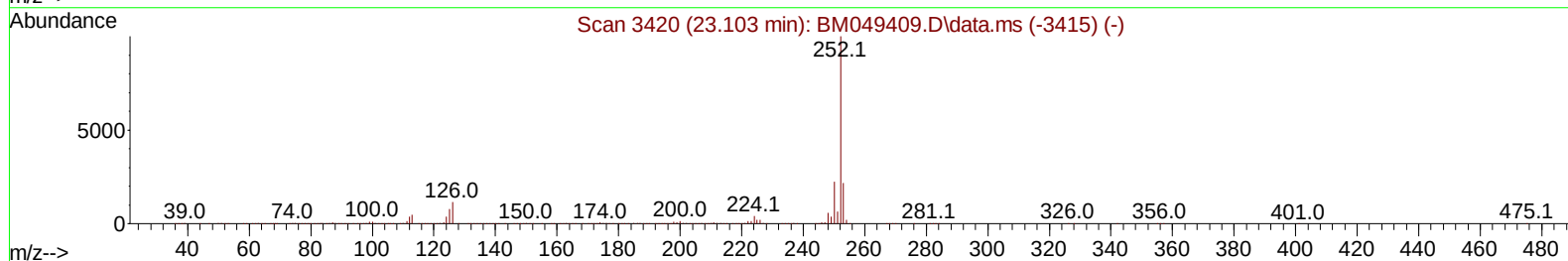
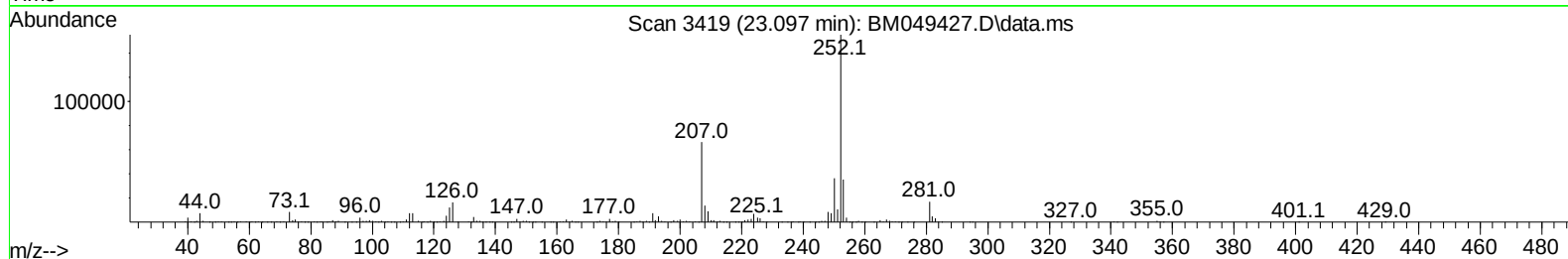
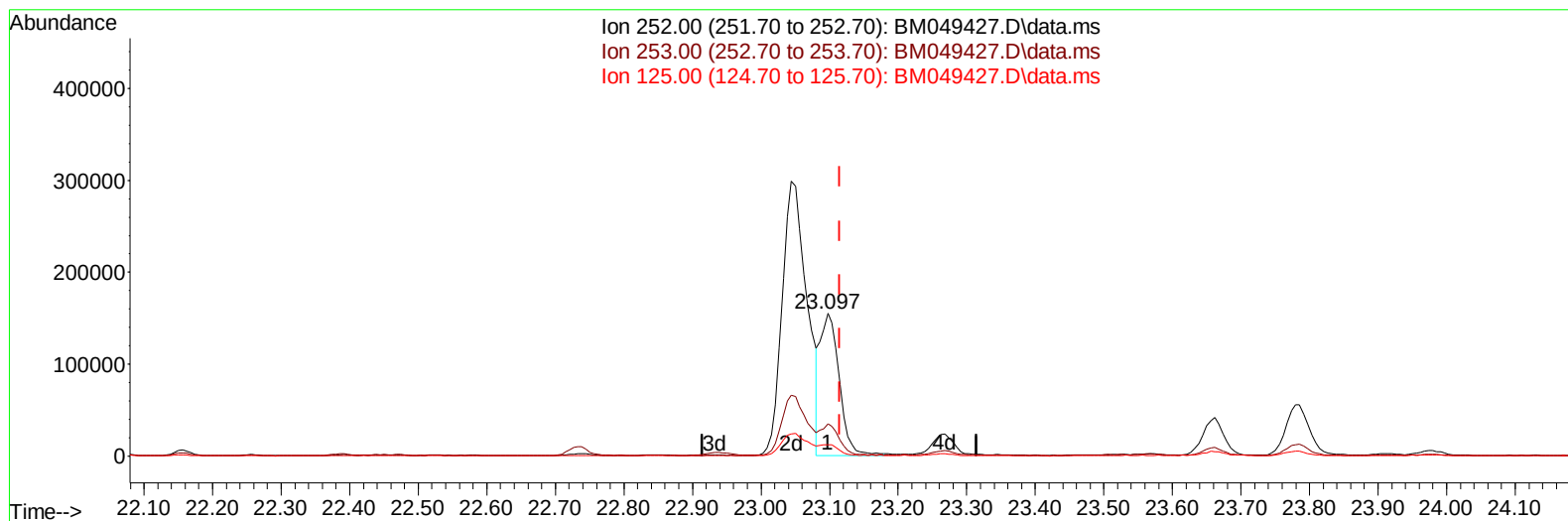
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049427.D
Acq On : 23 Jan 2025 20:43
Operator : RC/JU
Sample : Q1139-12DL2 30X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
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Manual IntegrationsAPPROVED

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TIC: BM049427.D\data.ms

(91) Benzo(k)fluoranthene

23.097min (-0.018) 4.57 ng/ul m

response 302548

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.73
125.00	8.10	7.76
0.00	0.00	0.00

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 ALS Vial : 50 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	7.516	152	222831	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	785181	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.157	164	478417	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	988460	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1014305	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	991553	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.716	99	11082	0.592	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	10447	0.839	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	9944m	0.695	ng/ul	0.00
15) 4-Methylphenol-d8	8.245	113	7246	0.500	ng/ul	0.00
21) Nitrobenzene-d5	8.675	128	3853	0.644	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	3560	0.532	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.933	165	8519m	0.624	ng/ul	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.580	166	34058	0.956	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	34769	0.855	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.157	176	27538	0.895	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.004	188	45796	0.937	ng/ul	-0.01
81) Pyrene-d10	19.309	212	44795	0.726	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.727	264	29855	0.561	ng/ul	-0.02
Target Compounds					Qvalue	
37) 1-Methylnaphthalene	12.169	142	66193	2.231	ng/ul	97
50) Acenaphthylene	13.874	152	46758	1.122	ng/ul#	95
52) Acenaphthene	14.221	153	1058492	35.550	ng/ul	100
61) Fluorene	15.210	166	1117715	32.354	ng/ul	99
72) Phenanthrene	16.957	178	8311722	151.253	ng/ul	99
74) Anthracene	17.039	178	909229	16.484	ng/ul	100
80) Fluoranthene	18.986	202	11784415	166.136	ng/ul	100
82) Pyrene	19.345	202	5793944	76.735	ng/ul	99
85) Benzo(a)anthracene	21.121	228	1266341	17.915	ng/ul	99
87) Chrysene	21.180	228	1666909	25.831	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	744974	11.225	ng/ul	99
91) Benzo(k)fluoranthene	23.097	252	302548m	4.572	ng/ul	
93) Benzo(a)pyrene	23.780	252	129363	2.158	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.985	276	70799	1.030	ng/ul	98

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

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