

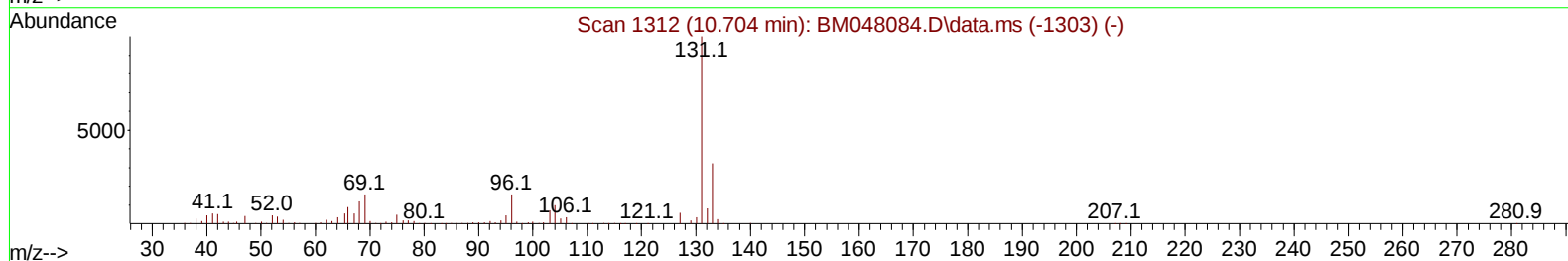
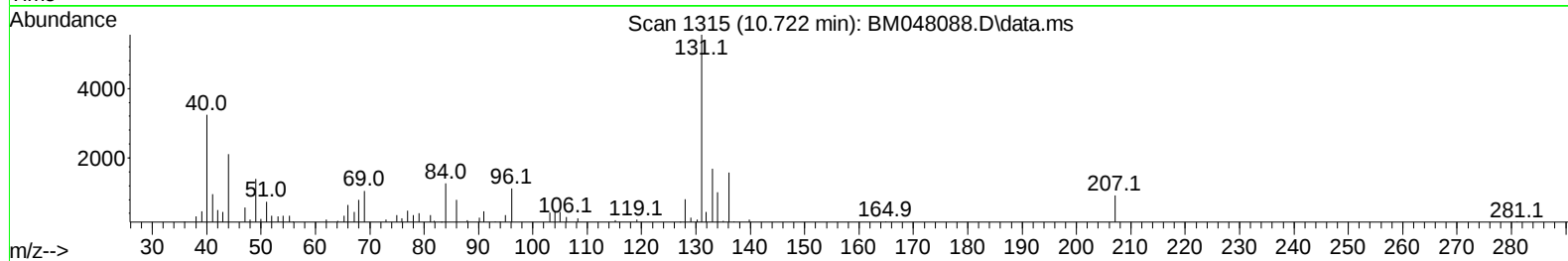
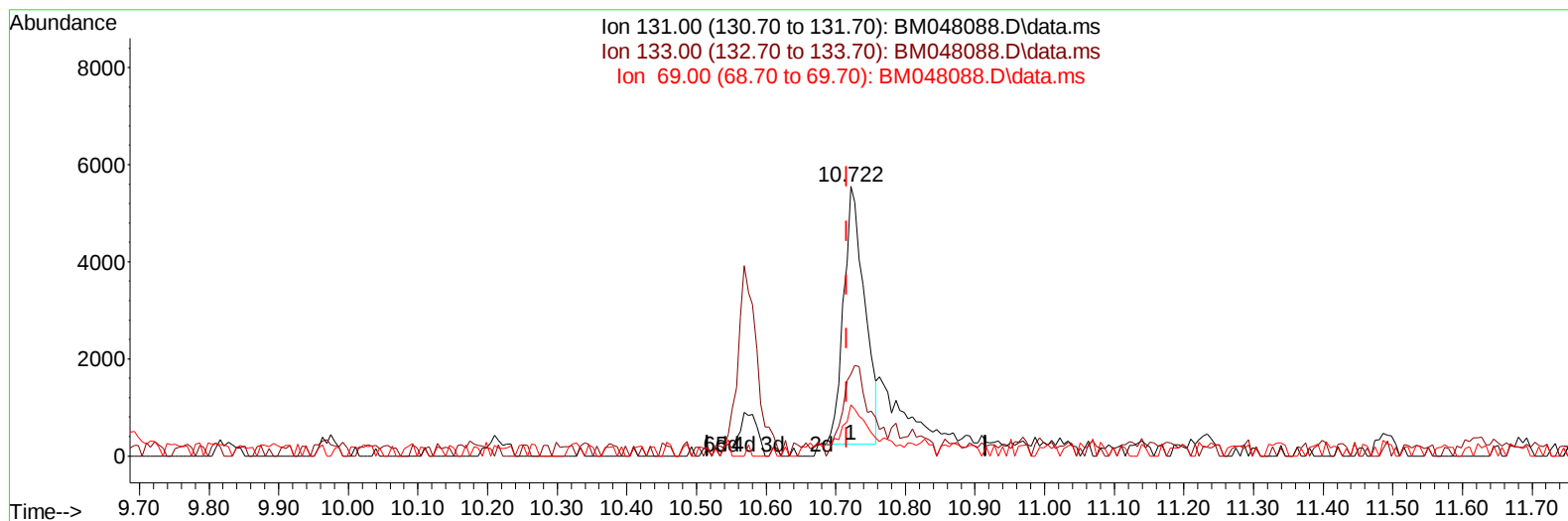
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048088.D
Acq On : 16 Oct 2024 15:13
Operator : RC/JU
Sample : P4350-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EOAK6DL

Manual IntegrationsAPPROVED

Quant Time: Oct 16 16:02:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



TIC: BM048088.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.722min (+ 0.006) 0.52 ng/u1

response 11173

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.00	30.32
69.00	20.90	19.04
0.00	0.00	0.00

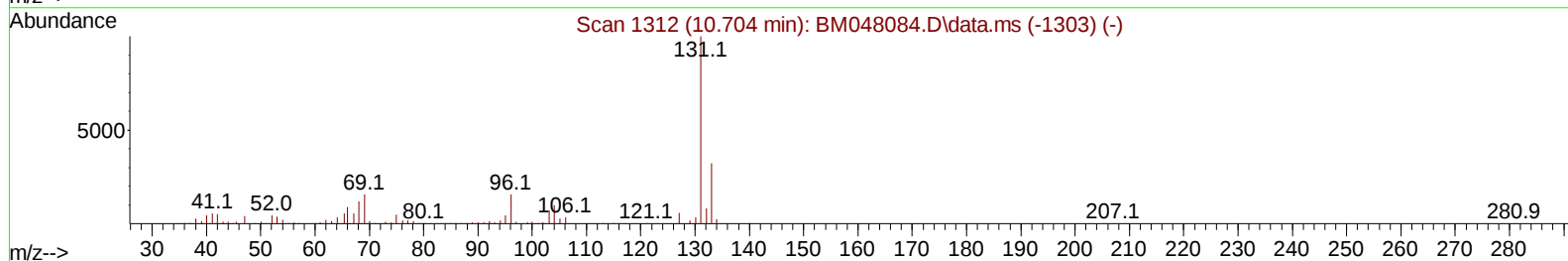
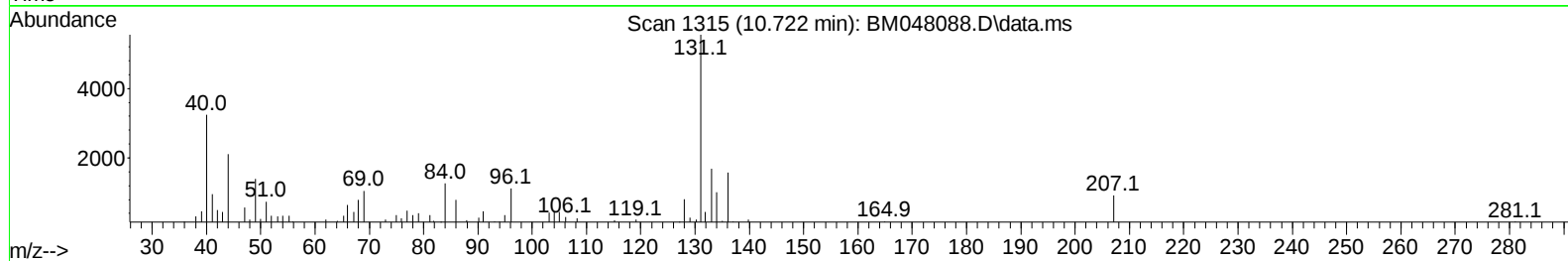
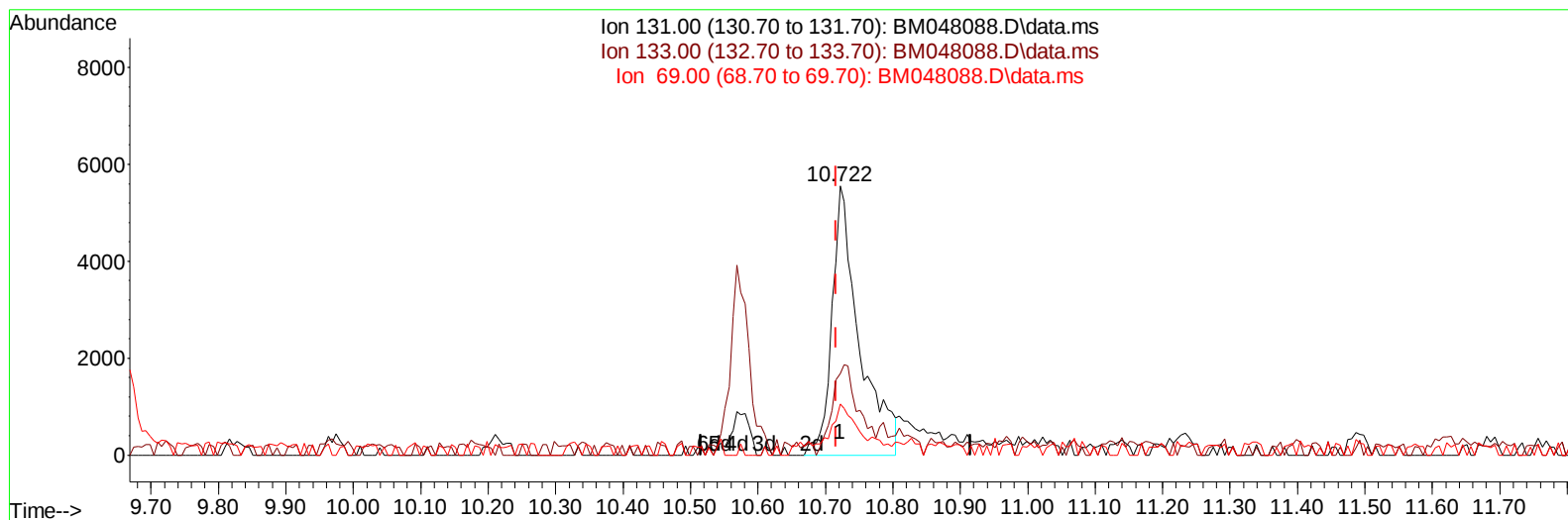
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048088.D
Acq On : 16 Oct 2024 15:13
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



TIC: BM048088.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.722min (+ 0.006) 0.73 ng/ul m

response 15641

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.00	30.32
69.00	20.90	19.04
0.00	0.00	0.00

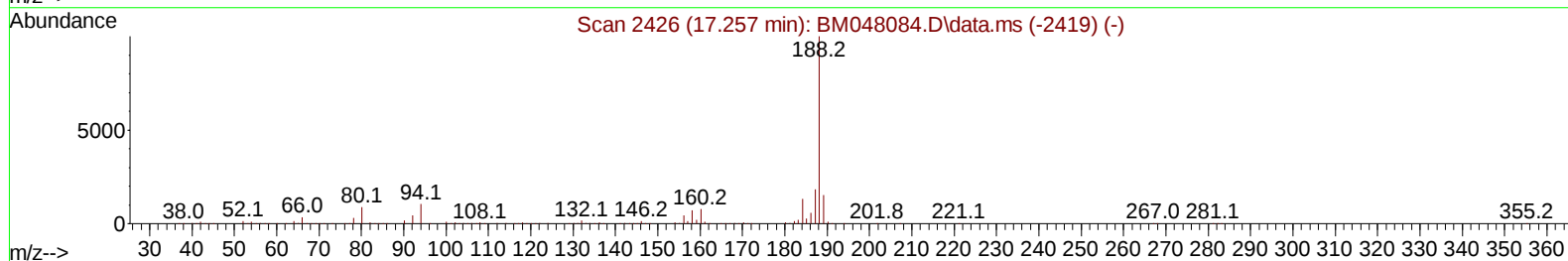
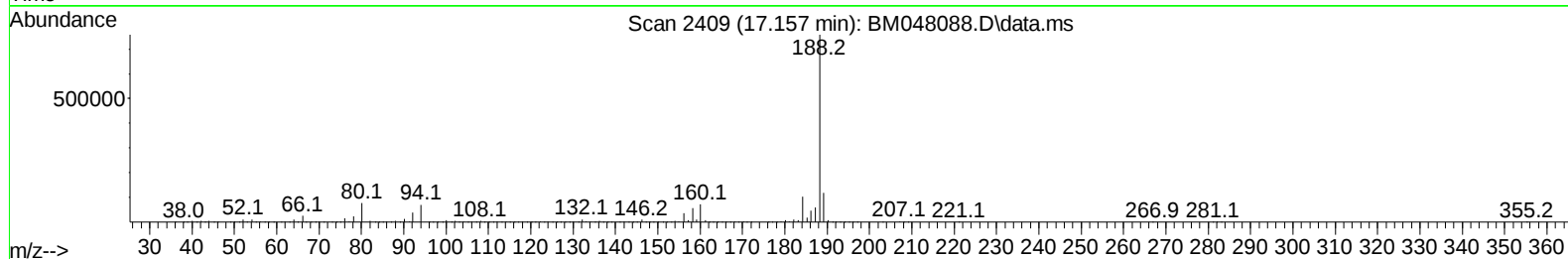
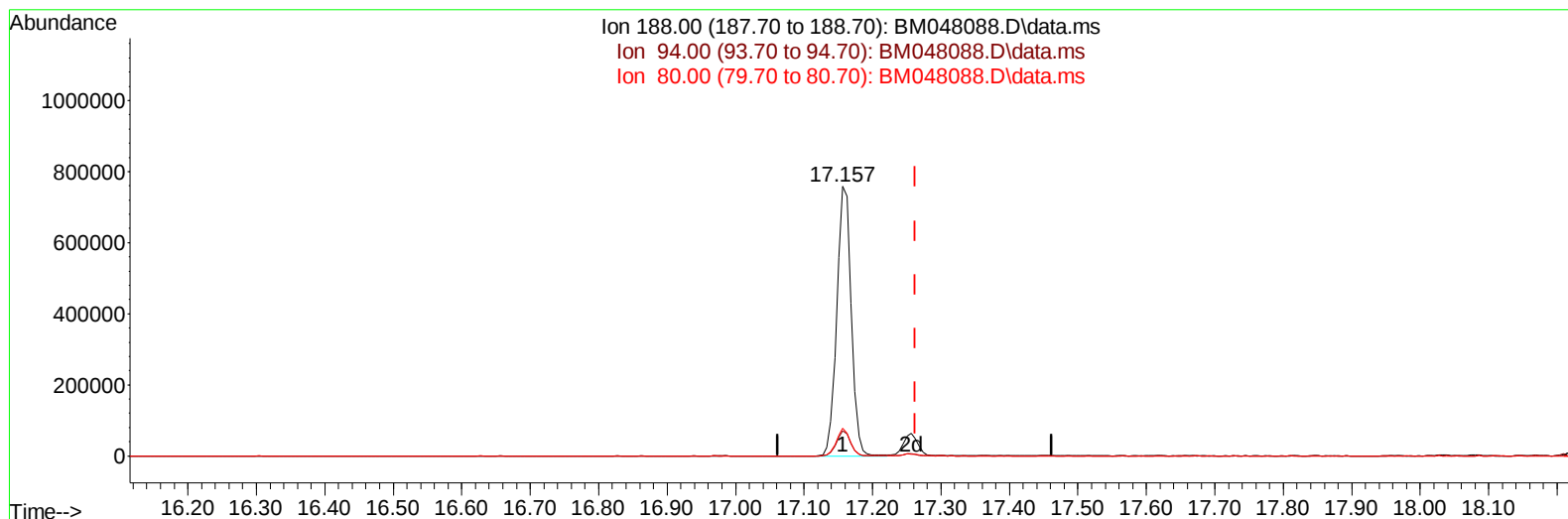
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048088.D
Acq On : 16 Oct 2024 15:13
Operator : RC/JU
Sample : P4350-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EOAK6DL

Manual IntegrationsAPPROVED

Quant Time: Oct 16 16:02:15 2024
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Supervised By :mohammad ahmed 10/17/2024



TIC: BM048088.D\data.ms

(73) Anthracene-d10 (S)

17.157min (-0.106) 20.34 ng/u1

response 1112588

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	9.35
80.00	10.50	10.18
0.00	0.00	0.00

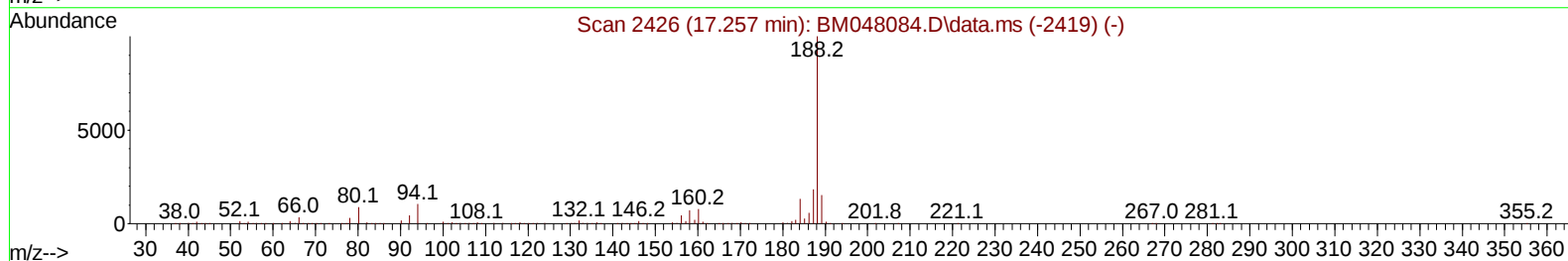
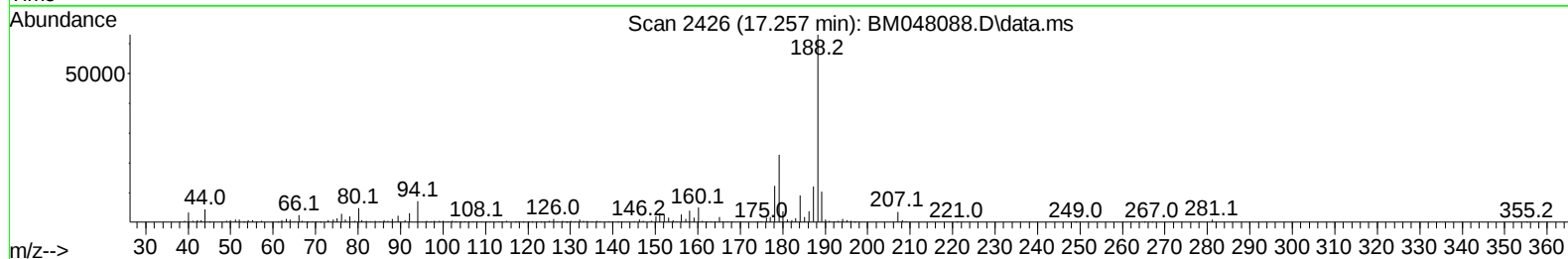
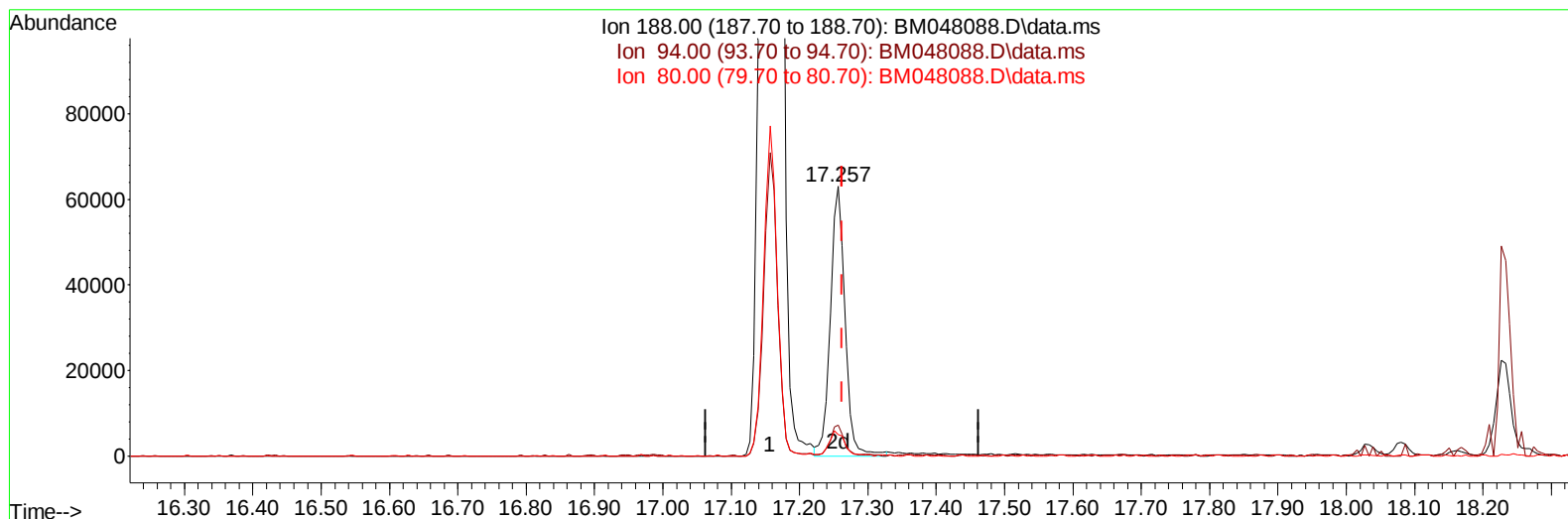
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048088.D
Acq On : 16 Oct 2024 15:13
Operator : RC/JU
Sample : P4350-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EOAK6DL

Manual IntegrationsAPPROVED

Quant Time: Oct 16 16:02:15 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
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TIC: BM048088.D\data.ms

(73) Anthracene-d10 (S)

17.257min (-0.006) 1.73 ng/u1 m

response 94777

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	11.53
80.00	10.50	7.82#
0.00	0.00	0.00

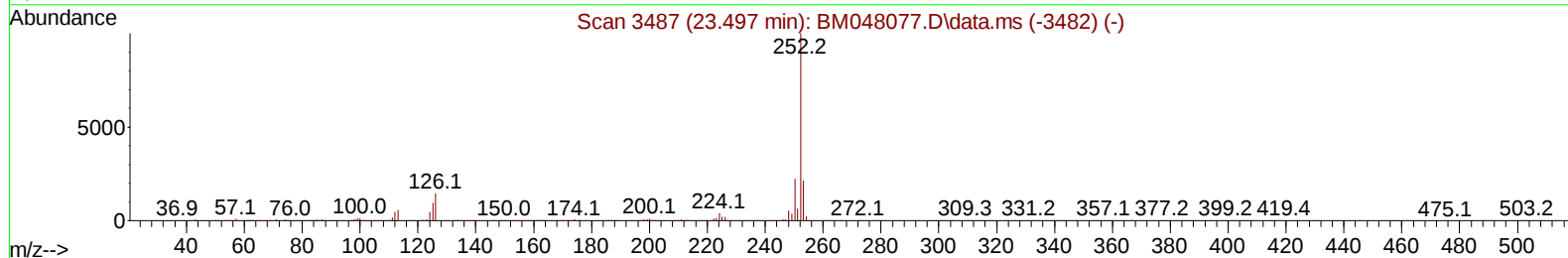
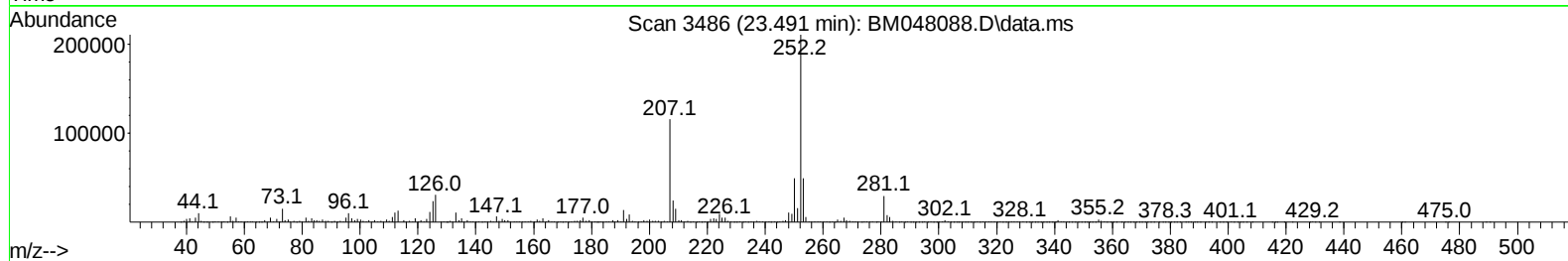
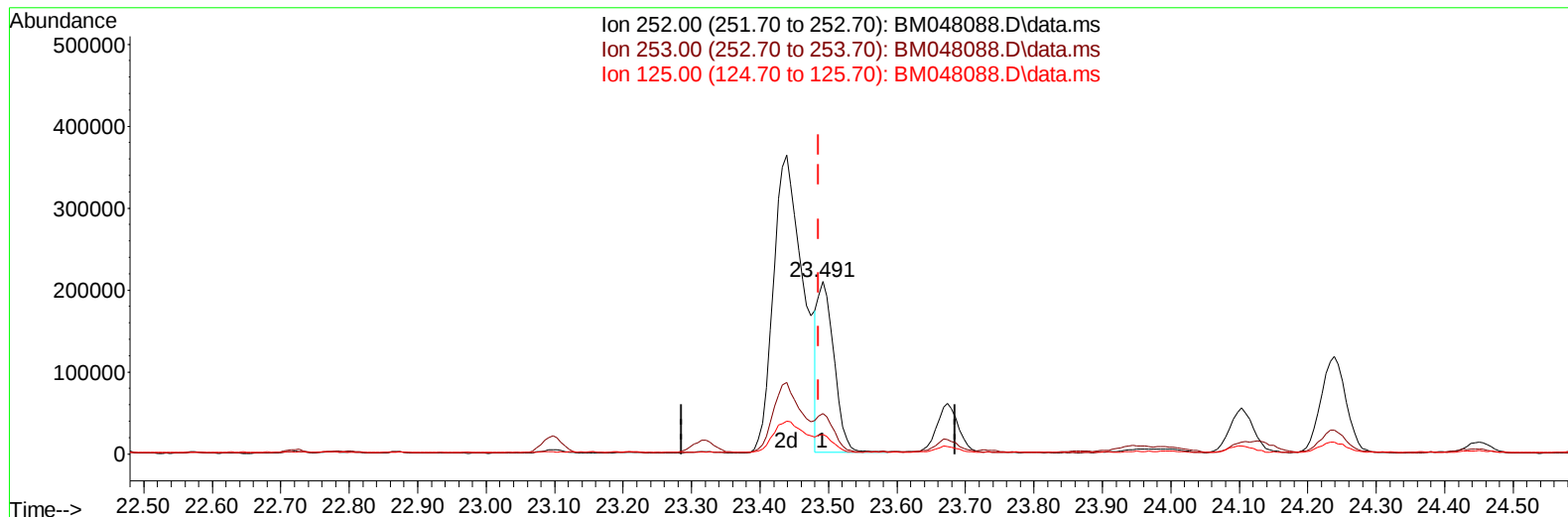
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048088.D
Acq On : 16 Oct 2024 15:13
Operator : RC/JU
Sample : P4350-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EOAK6DL

Manual IntegrationsAPPROVED

Quant Time: Oct 16 16:04:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



TIC: BM048088.D\data.ms

(91) Benzo(k)fluoranthene

23.491min (+ 0.006) 4.84 ng/u1

response 344936

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.56
125.00	11.10	11.41
0.00	0.00	0.00

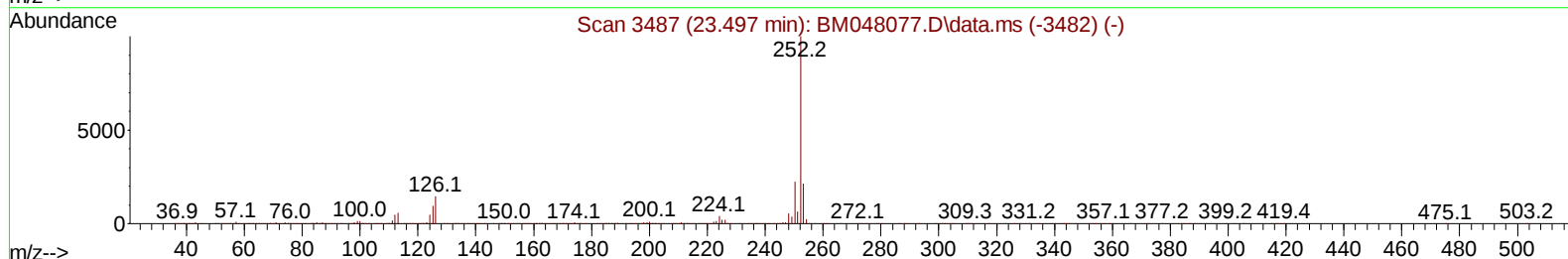
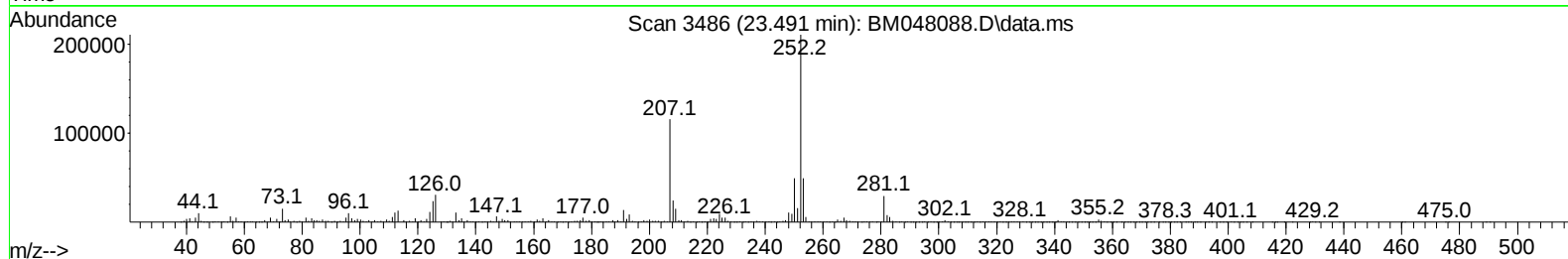
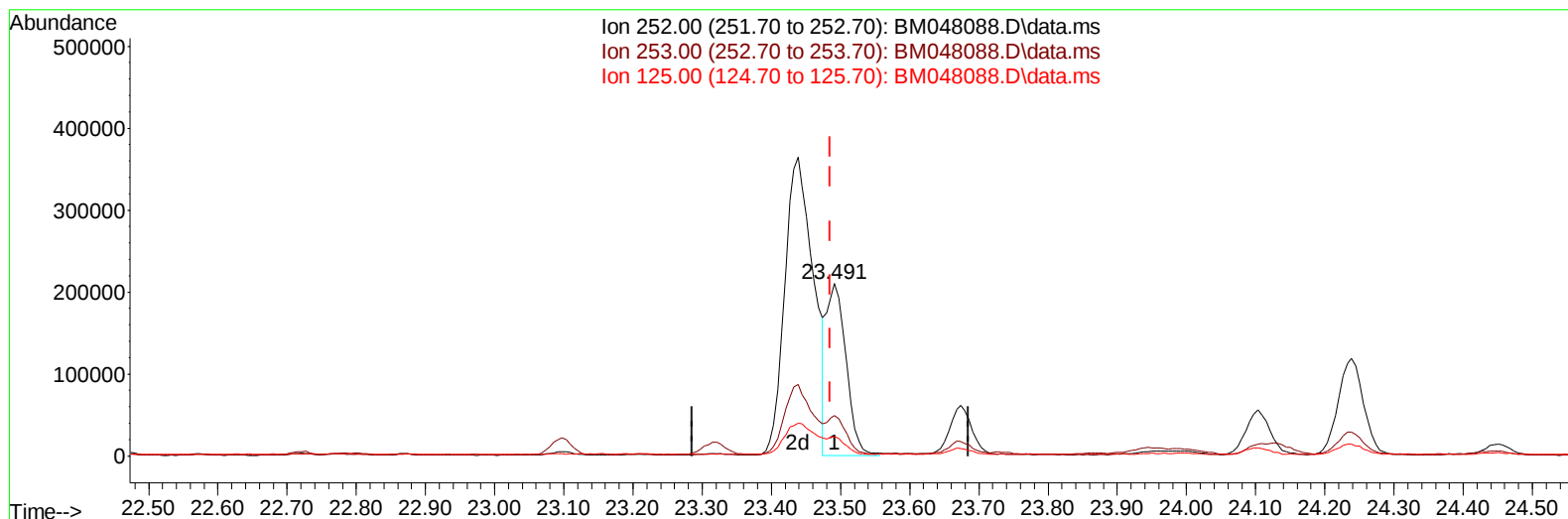
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048088.D
Acq On : 16 Oct 2024 15:13
Operator : RC/JU
Sample : P4350-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EOAK6DL

Manual IntegrationsAPPROVED

Quant Time: Oct 16 16:04:28 2024
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Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



TIC: BM048088.D\data.ms

(91) Benzo(k)fluoranthene

23.491min (+ 0.006) 5.78 ng/u1 m

response 411802

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.56
125.00	11.10	11.41
0.00	0.00	0.00

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 Data File : BM048088.D
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 Operator : RC/JU
 Sample : P4350-07DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EOAK6DL

Manual IntegrationsAPPROVED

Quant Time: Oct 16 23:37:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/17/2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152		222321	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136		908890	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.416	164		560812	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188		1112588	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240		981439	20.000	ng/ul	0.00
88) Perylene-d12	24.386	264		1116789	20.000	ng/ul	0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.246	96		1443	0.210	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	6.957	99		23445	1.115	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67		15754	1.056	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132		21286	1.392	ng/ul	0.00
15) 4-Methylphenol-d8	8.498	113		17601	1.126	ng/ul	0.00
21) Nitrobenzene-d5	8.939	128		8561	1.183	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143		9800	1.413	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165		18148	1.310	ng/ul	0.01
31) 4-Chloroaniline-d4	10.722	131		15641m	0.730	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166		61296	1.508	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160		66988	1.390	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143		0d	0.000	ng/ul	
60) Fluorene-d10	15.410	176		56036	1.591	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200		0d	0.000	ng/ul	
73) Anthracene-d10	17.257	188		94777m	1.732	ng/ul	0.00
81) Pyrene-d10	19.545	212		77676	1.395	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.174	264		49080	0.847	ng/ul	0.00
Target Compounds							
						Qvalue	
30) Naphthalene	10.622	128		314815	6.022	ng/ul	99
36) 2-Methylnaphthalene	12.239	142		62185	1.872	ng/ul	96
37) 1-Methylnaphthalene	12.457	142		34127	1.010	ng/ul	95
52) Acenaphthene	14.480	153		330591	8.602	ng/ul	98
56) Dibenzofuran	14.816	168		199783	3.862	ng/ul	95
61) Fluorene	15.463	166		316388	7.331	ng/ul	99
72) Phenanthrene	17.204	178		2411270	36.957	ng/ul	100
74) Anthracene	17.292	178		641555	9.641	ng/ul	100
77) Carbazole	17.562	167		267506	4.435	ng/ul	98
80) Fluoranthene	19.215	202		2614623	39.856	ng/ul	98
82) Pyrene	19.574	202		1429318	19.575	ng/ul	97
85) Benzo(a)anthracene	21.368	228		1013039	14.742	ng/ul	99
87) Chrysene	21.427	228		917638	13.698	ng/ul	97
90) Benzo(b)fluoranthene	23.439	252		1046480	15.026	ng/ul	97
91) Benzo(k)fluoranthene	23.491	252		411802m	5.783	ng/ul	
93) Benzo(a)pyrene	24.238	252		298841	4.518	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.756	276		242968	2.866	ng/ul	99
95) Dibenzo(a,h)anthracene	27.791	278		116457	1.676	ng/ul#	90

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

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