

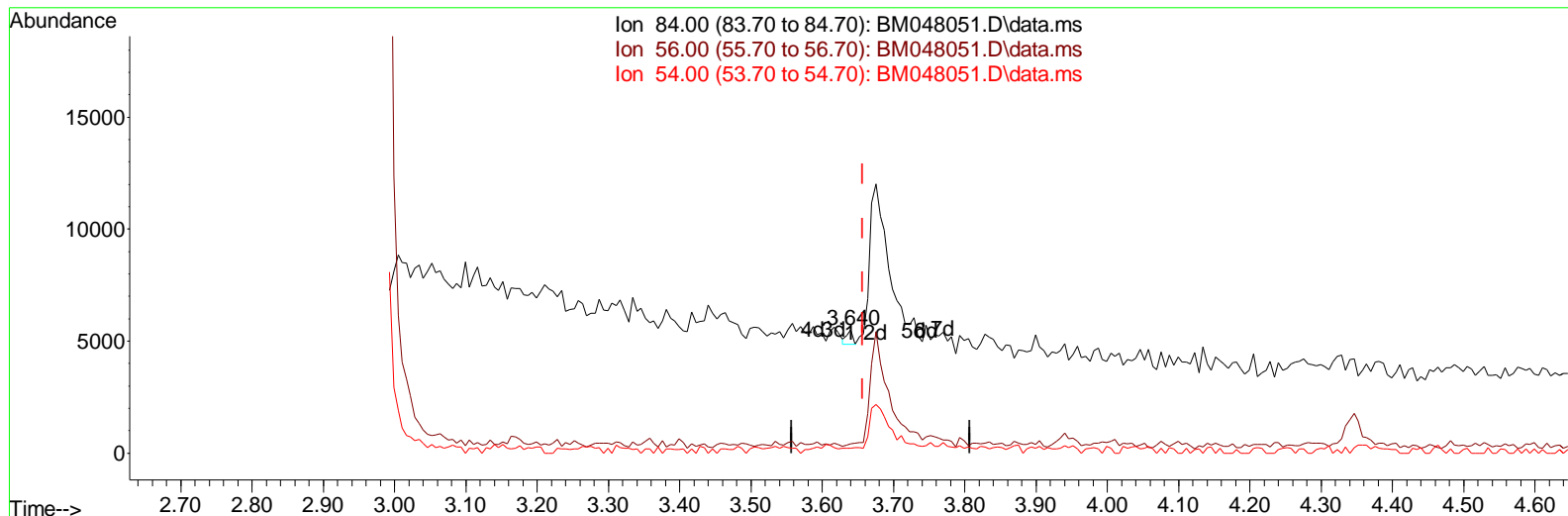
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048051.D
 Acq On : 15 Oct 2024 06:45
 Operator : RC/JU
 Sample : P4238-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EY0

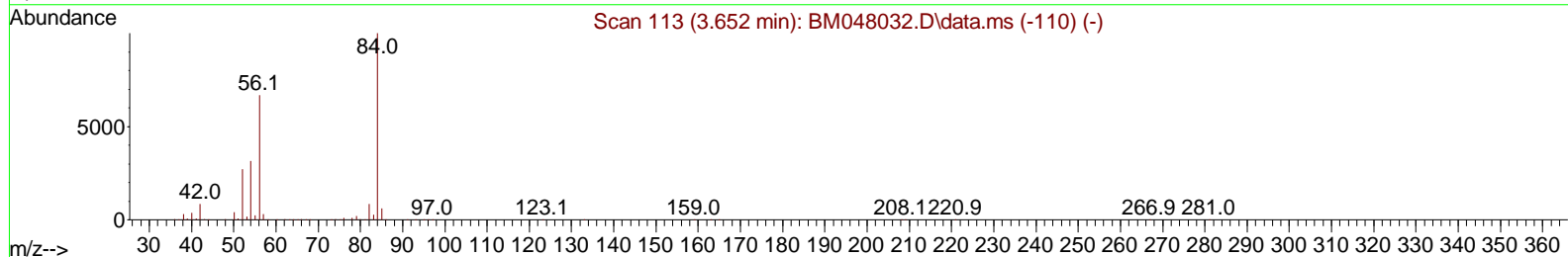
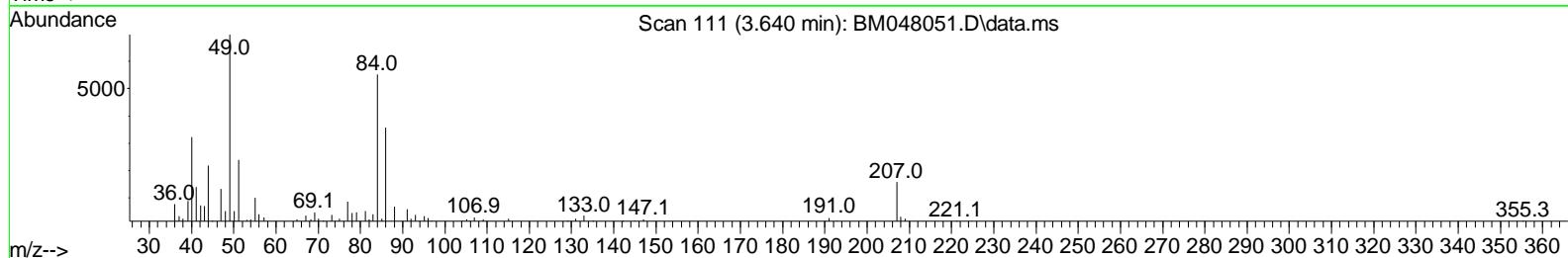
Manual Integrations APPROVED

Quant Time: Oct 15 07:28:38 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 10/16/2024
 Supervised By :mohammad ahmed 10/17/2024



Ion 84.00 (83.70 to 84.70): BM048051.D\data.ms
 Ion 56.00 (55.70 to 56.70): BM048051.D\data.ms
 Ion 54.00 (53.70 to 54.70): BM048051.D\data.ms



TIC: BM048051.D\data.ms

(4) Pyridine-d5 (S)

3.640min (-0.017) 0.01 ng/ul

response	363	
Ion	Exp%	Act%
84.00	100.00	100.00
56.00	75.30	7.50#
54.00	36.10	3.99#
0.00	0.00	0.00

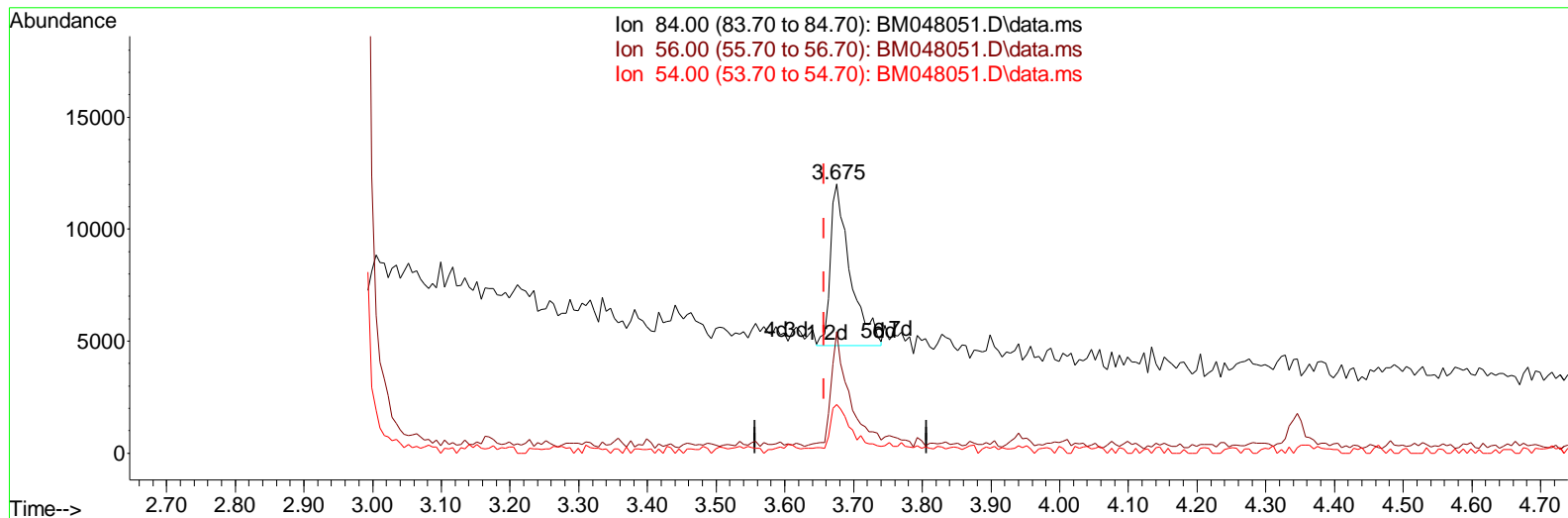
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
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 ALS Vial : 29 Sample Multiplier: 1

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 ClientSampleId :
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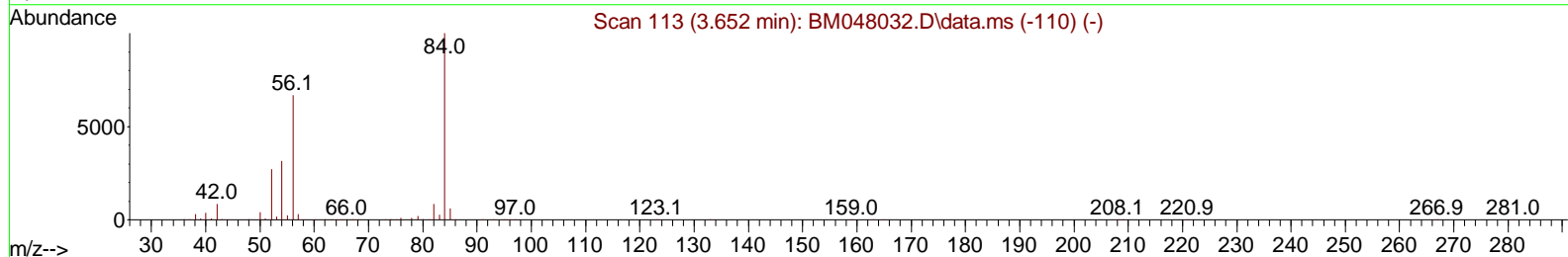
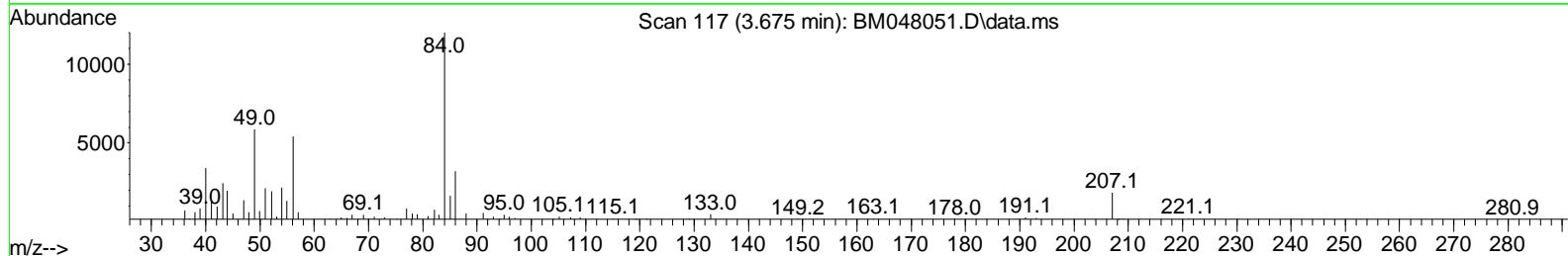
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 10/17/2024



Ion 84.00 (83.70 to 84.70): BM048051.D\data.ms
 Ion 56.00 (55.70 to 56.70): BM048051.D\data.ms
 Ion 54.00 (53.70 to 54.70): BM048051.D\data.ms



TIC: BM048051.D\data.ms

(4) Pyridine-d5 (S)

3.675min (+ 0.018) 0.58 ng/ul m

response	14391
Ion	Exp% Act%
84.00	100.00 100.00
56.00	75.30 45.15#
54.00	36.10 17.99#
0.00	0.00 0.00

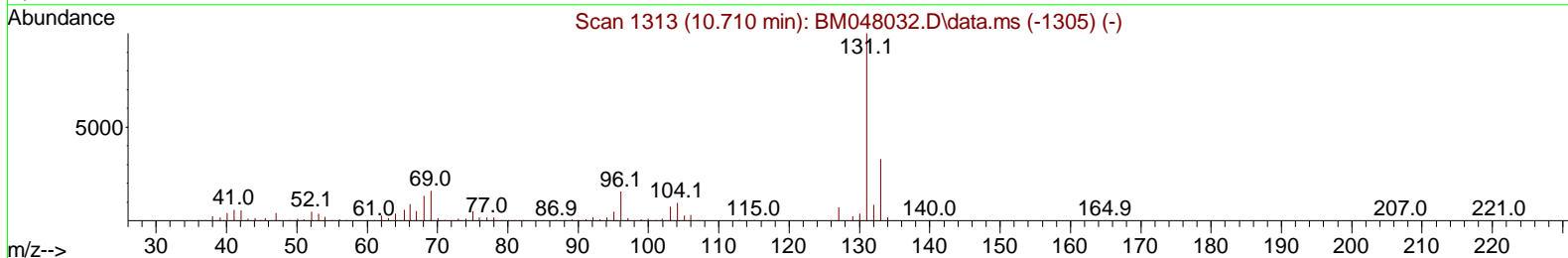
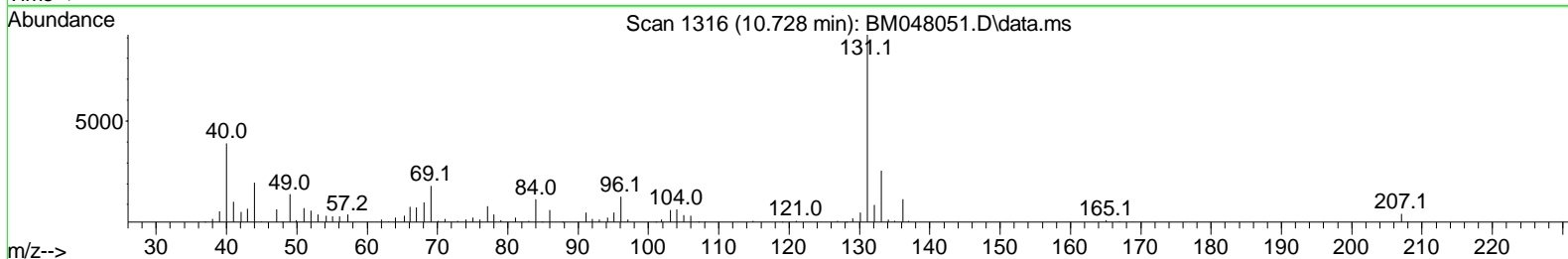
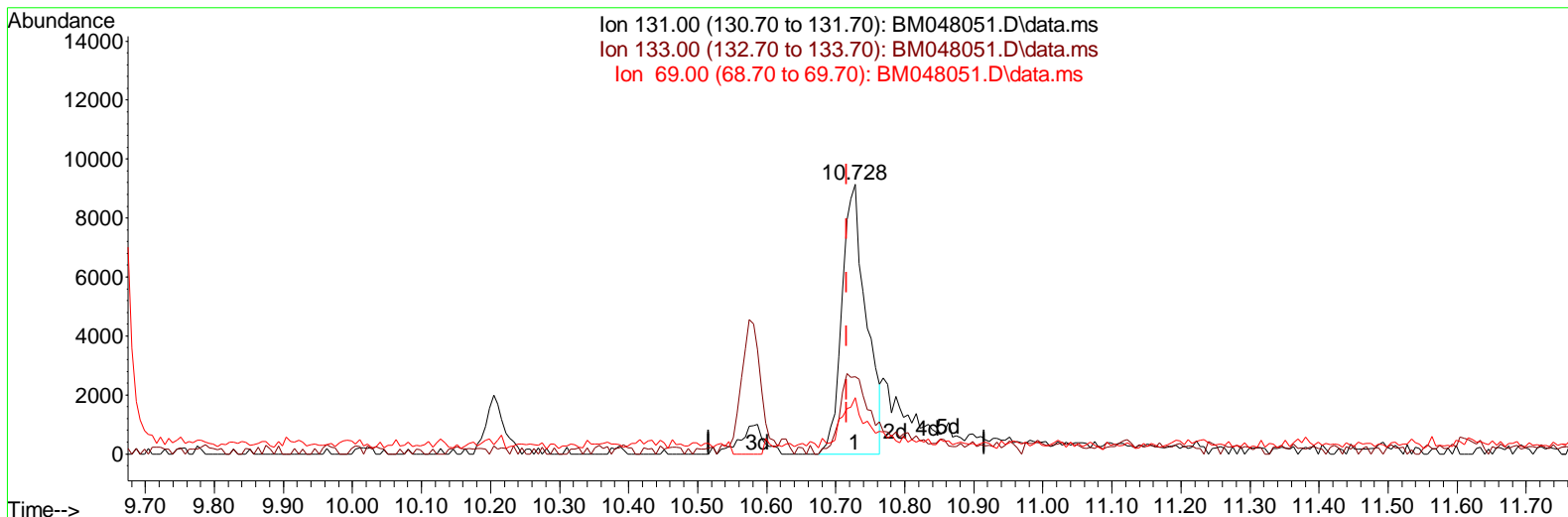
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048051.D
 Acq On : 15 Oct 2024 06:45
 Operator : RC/JU
 Sample : P4238-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 A4EY0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 15 07:28:38 2024
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TIC: BM048051.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.728min (+ 0.012) 0.85 ng/ul

response 22143

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.00	28.58
69.00	20.90	20.90
0.00	0.00	0.00

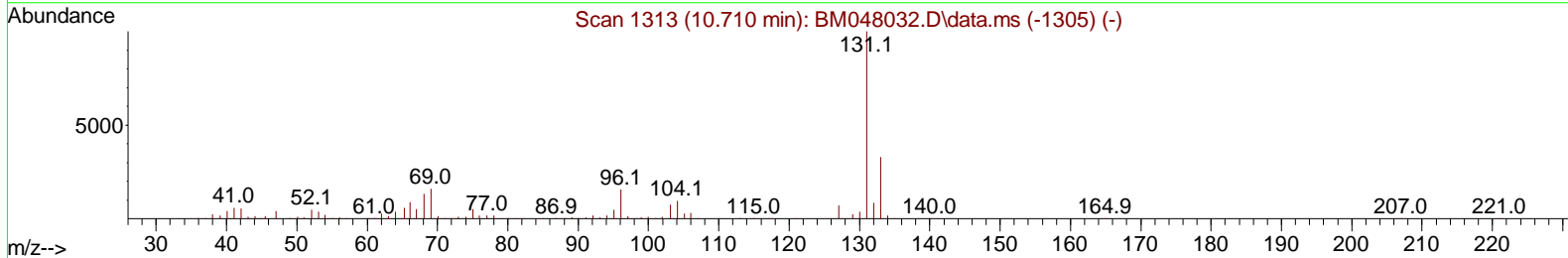
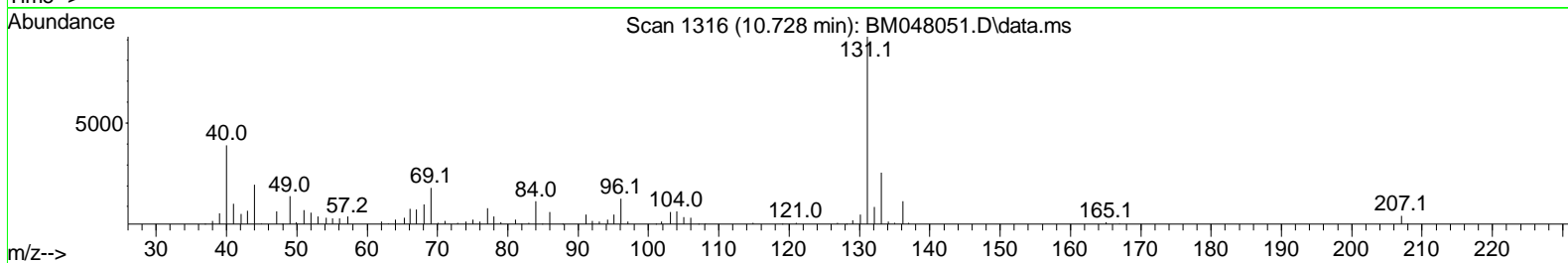
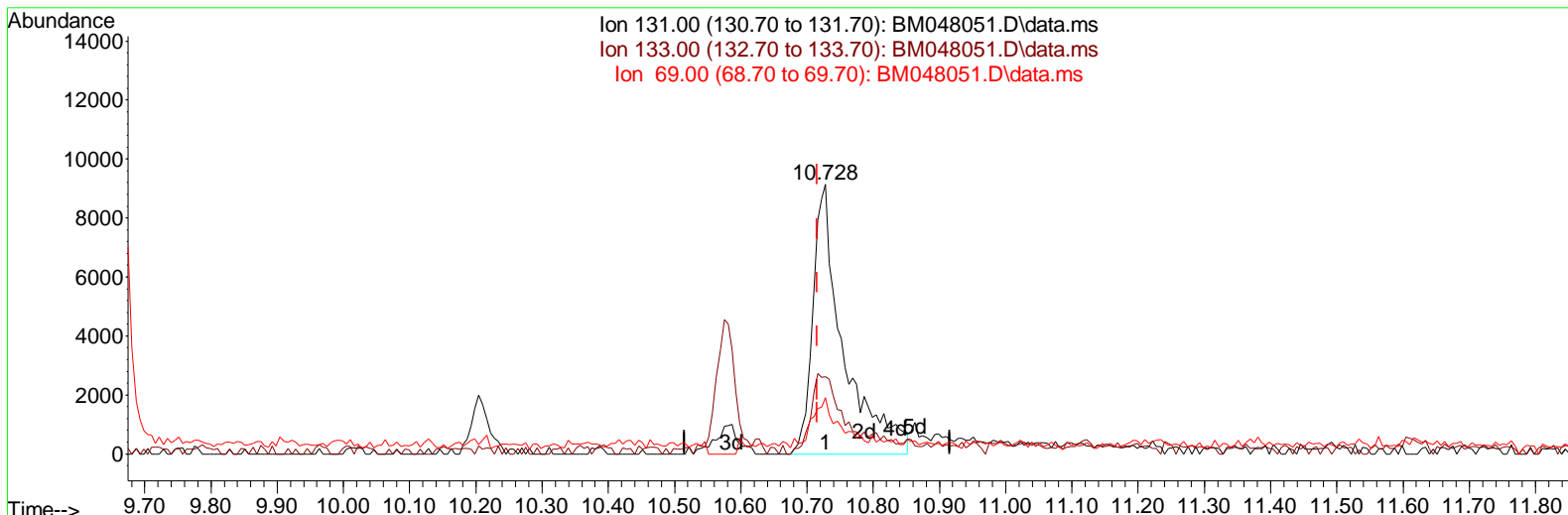
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
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 Acq On : 15 Oct 2024 06:45
 Operator : RC/JU
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 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 A4EY0

Manual IntegrationsAPPROVED

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 Response via : Initial Calibration



TIC: BM048051.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.728min (+ 0.012) 1.12 ng/ul m

response 29156

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.00	28.58
69.00	20.90	20.90
0.00	0.00	0.00

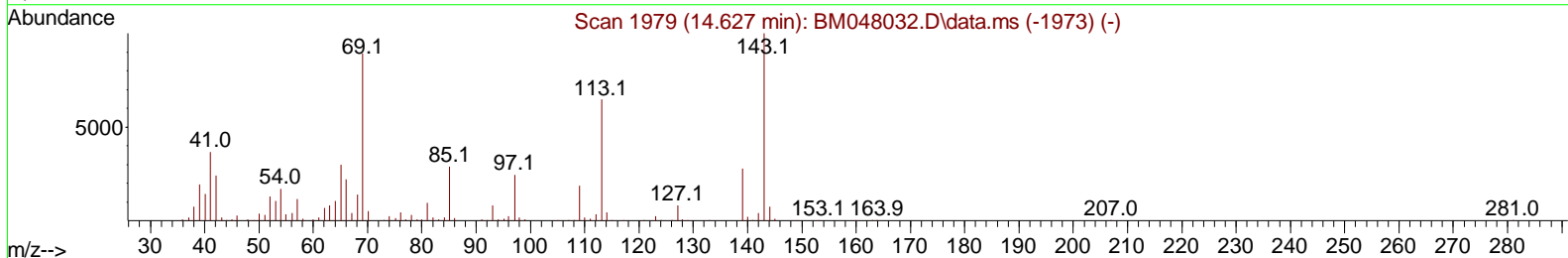
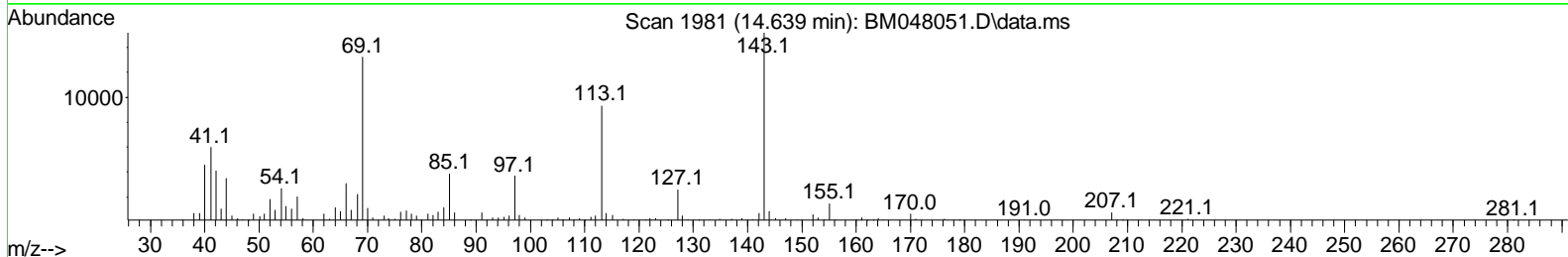
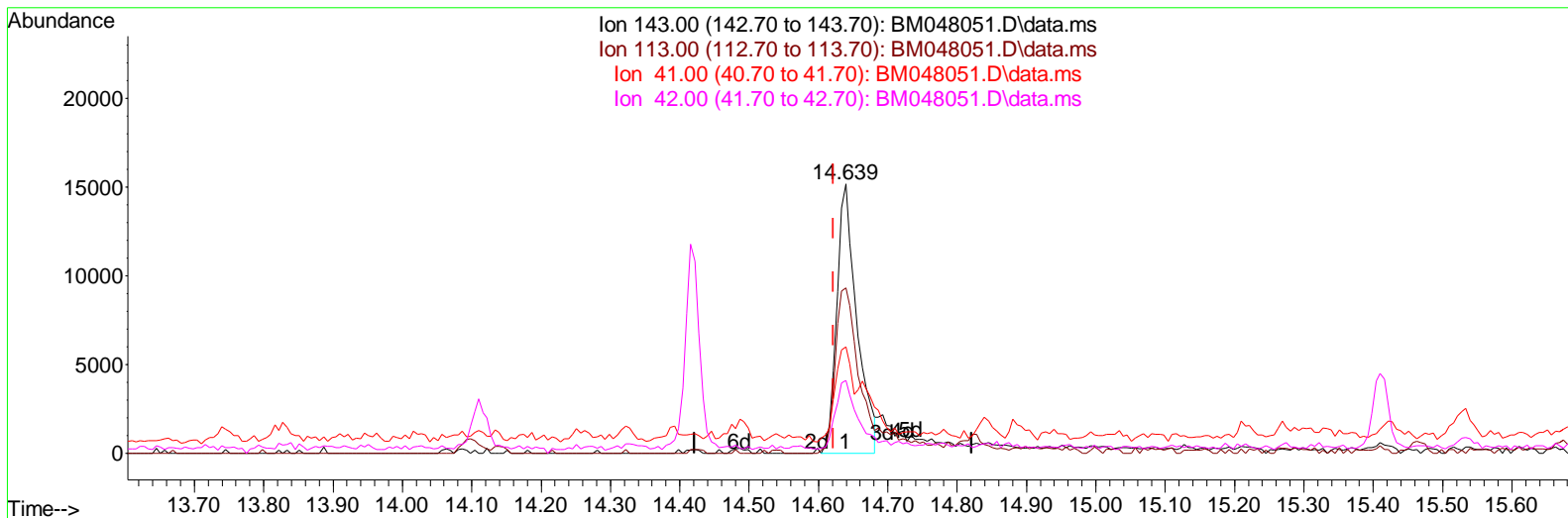
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048051.D
 Acq On : 15 Oct 2024 06:45
 Operator : RC/JU
 Sample : P4238-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EY0

Manual Integrations APPROVED

Quant Time: Oct 15 07:28:38 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 10/16/2024
 Supervised By :mohammad ahmed 10/17/2024



TIC: BM048051.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.639min (+ 0.018) 3.12 ng/ul

response 30277

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	77.20	61.54#
41.00	60.00	39.52#
42.00	40.50	27.05#

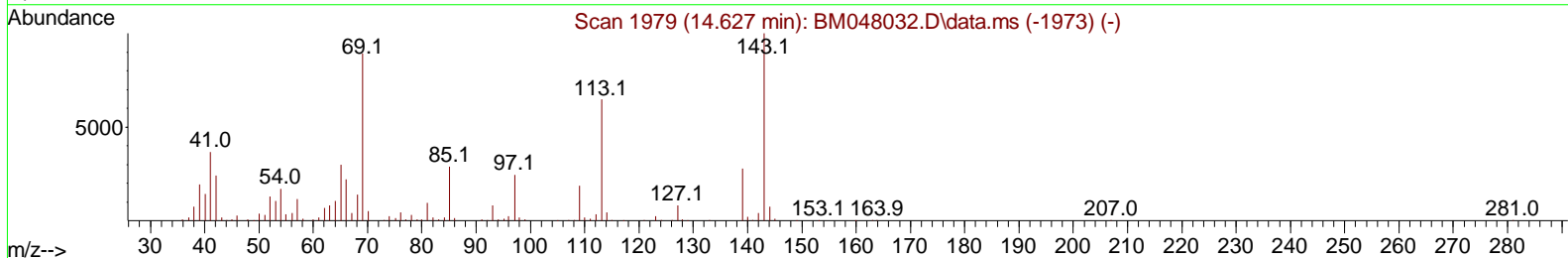
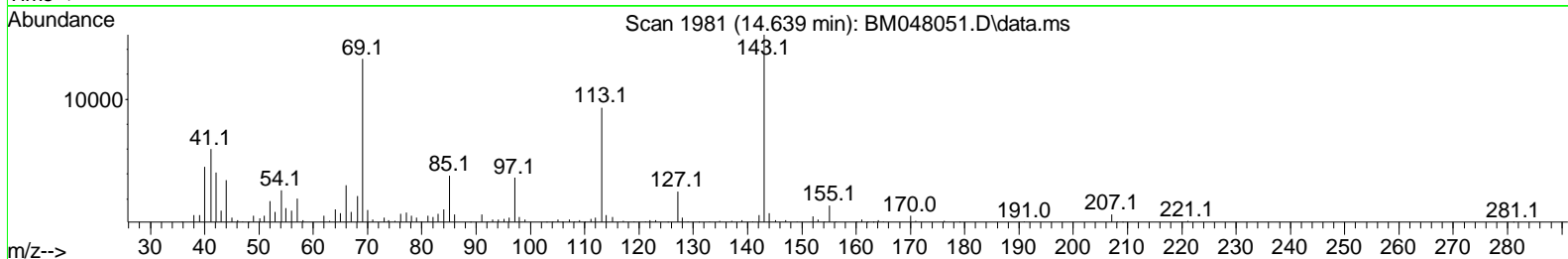
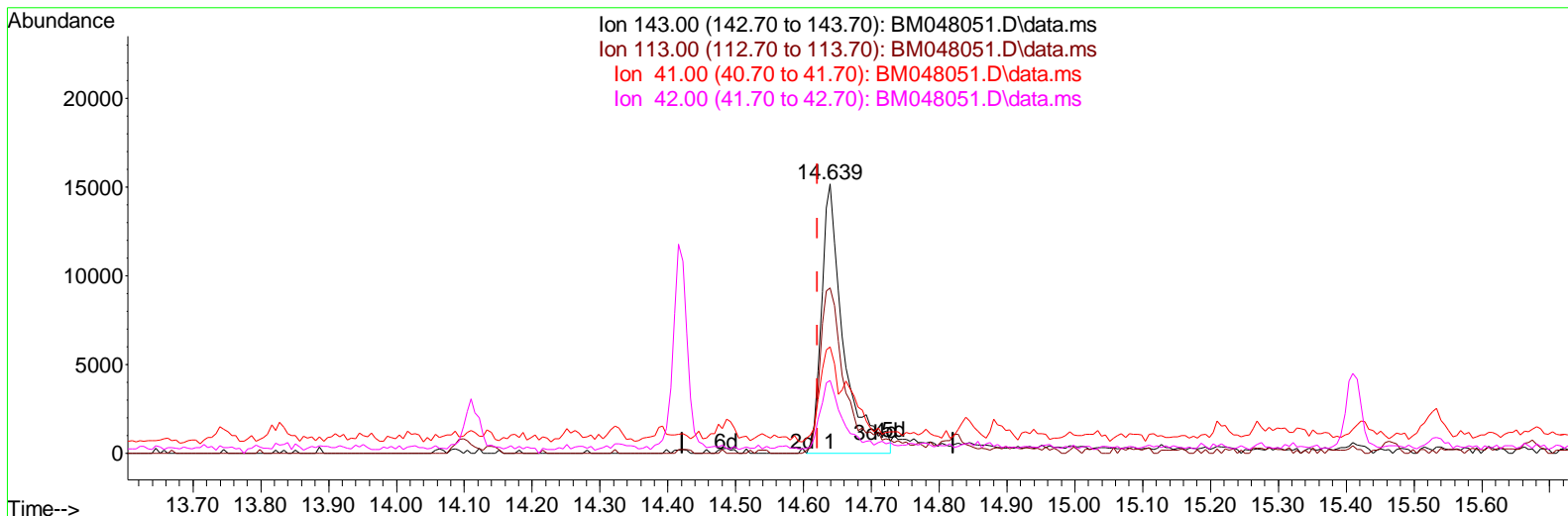
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048051.D
 Acq On : 15 Oct 2024 06:45
 Operator : RC/JU
 Sample : P4238-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EY0

Manual Integrations APPROVED

Quant Time: Oct 15 07:28:38 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
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Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/17/2024



TIC: BM048051.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.639min (+ 0.018) 3.53 ng/ul m

response 34262

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	77.20	61.54#
41.00	60.00	39.52#
42.00	40.50	27.05#

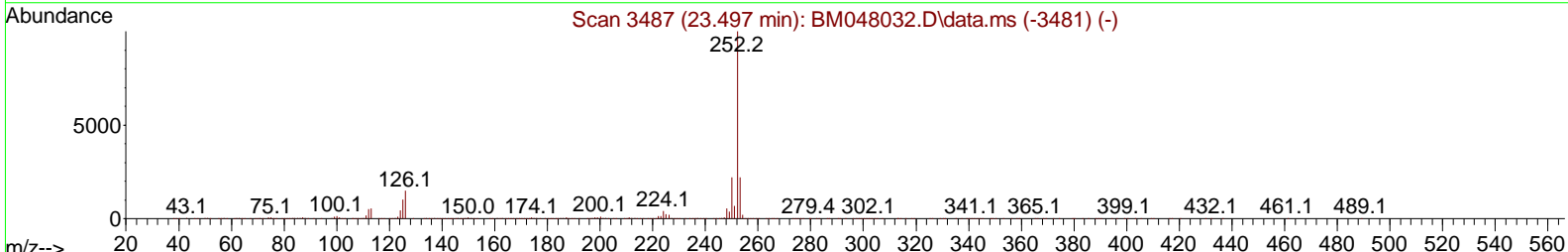
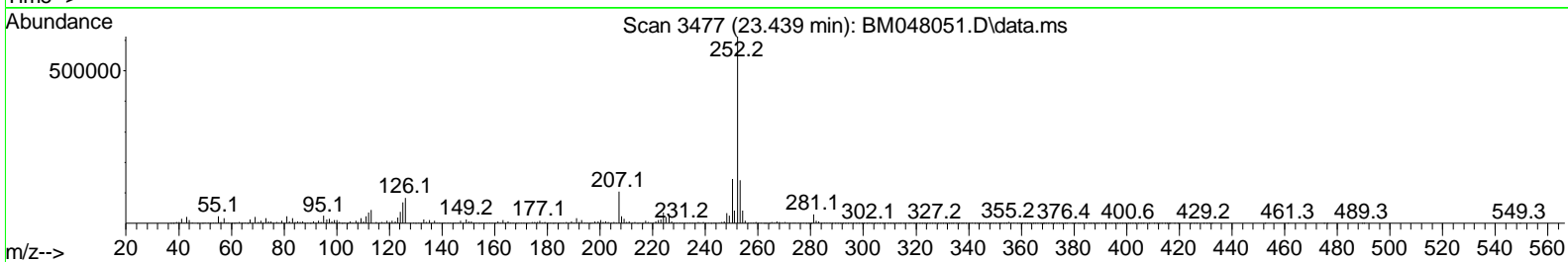
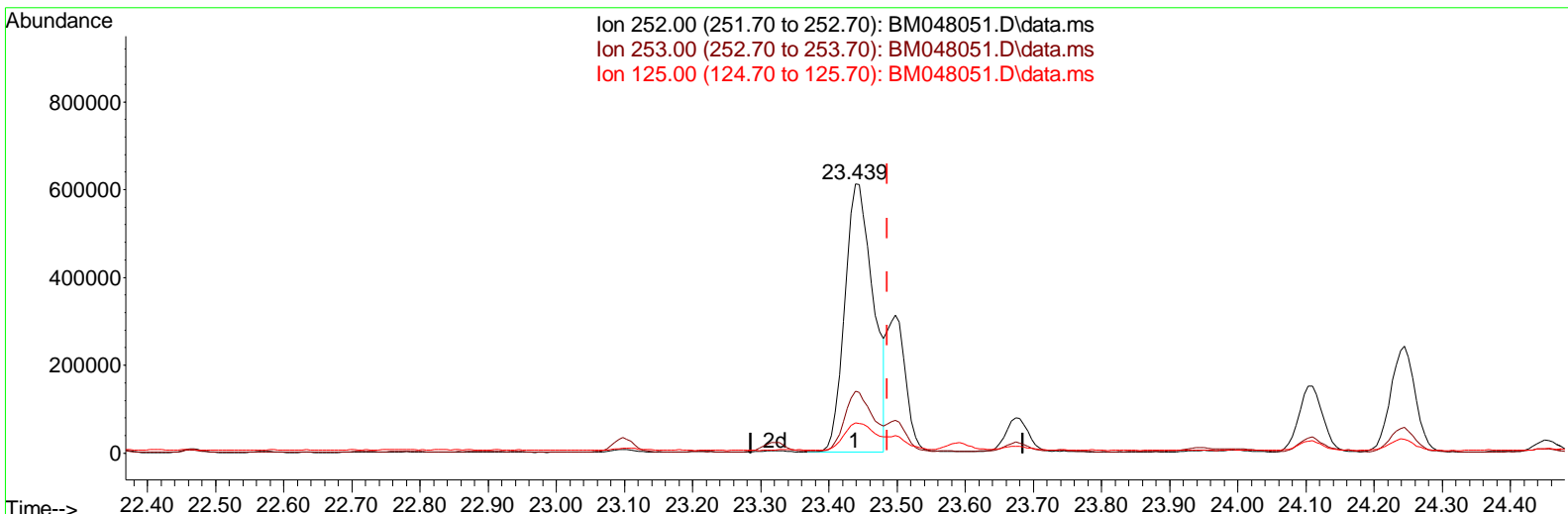
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048051.D
 Acq On : 15 Oct 2024 06:45
 Operator : RC/JU
 Sample : P4238-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EY0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 15 07:29:47 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



TIC: BM048051.D\data.ms

(91) Benzo(k)fluoranthene

23.439min (-0.047) 19.15 ng/ul

response	1783744
Ion	Exp% Act%
252.00	100.00 100.00
253.00	21.90 23.05
125.00	11.10 11.25
0.00	0.00 0.00

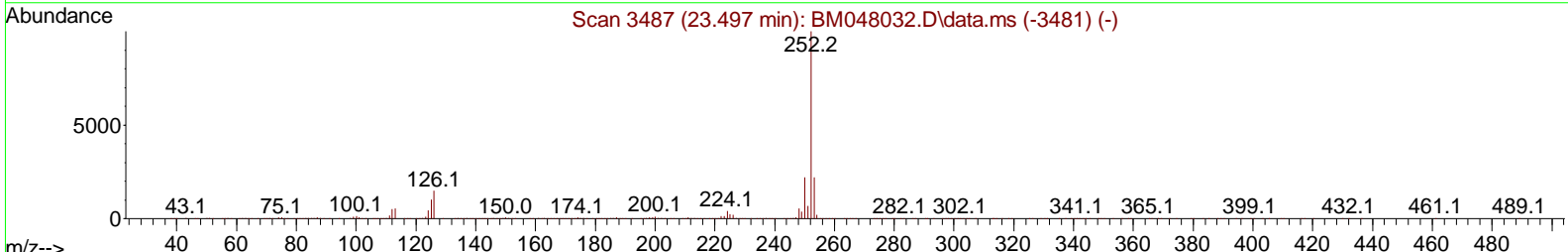
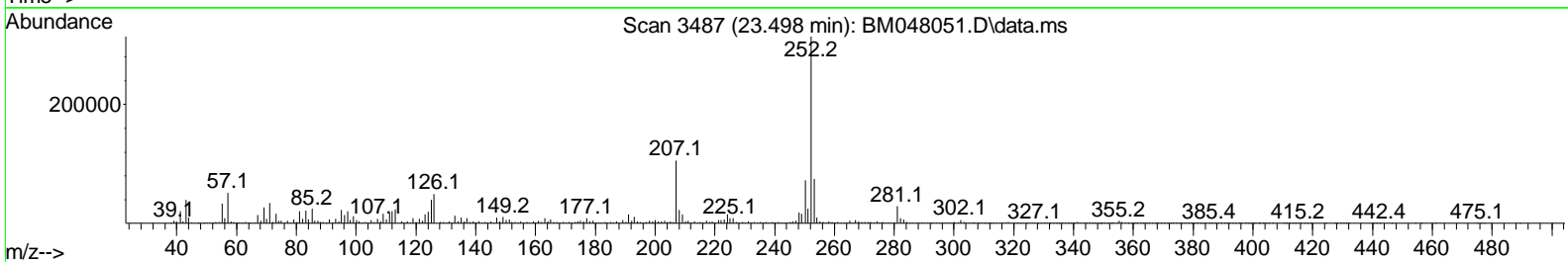
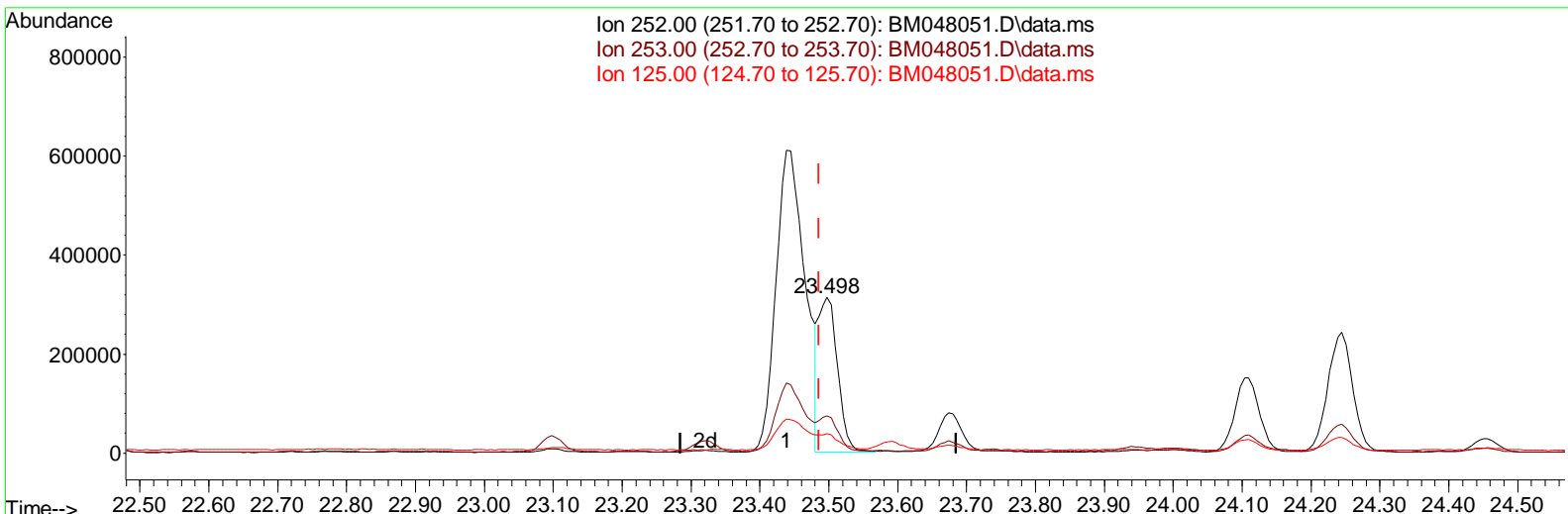
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048051.D
 Acq On : 15 Oct 2024 06:45
 Operator : RC/JU
 Sample : P4238-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 A4EY0

Manual IntegrationsAPPROVED

Quant Time: Oct 15 07:29:47 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 10/16/2024
 Supervised By :mohammad ahmed 10/17/2024



TIC: BM048051.D\data.ms

(91) Benzo(k)fluoranthene

23.498min (+ 0.012) 6.32 ng/ul m

response	589058	
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.89
125.00	11.10	12.55
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BMO48051.D
 Acq On : 15 Oct 2024 06:45
 Operator : RC/JU
 Sample : P4238-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 A4EY0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 15 07:30:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALI BRATI ON
 QLast Update : Thu Oct 10 05:10:14 2024
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Compound	R. T.	QI on	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Di chlorobenzene-d4	7.781	152	272357	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1100198	20.000	ng/ul #	0.00
38) Acenaphthene-d10	14.422	164	671708	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	1372014	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1232215	20.000	ng/ul	0.00
88) Perylene-d12	24.386	264	1460851	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	9402	1.116	ng/uL	0.00
4) Pyridine-d5	3.675	84	14391m	0.583	ng/ul	0.02
7) Phenol-d5	6.957	99	153282	5.952	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	90135	4.932	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	133354	7.117	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	114915	6.001	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	58252	6.650	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	64502	7.684	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	118315	7.055	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	29156m	1.125	ng/ul	0.01
46) Dimethylphthalate-d6	13.828	166	349635	7.179	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	409757	7.096	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	34262m	3.534	ng/ul	0.02
60) Fluorene-d10	15.410	176	316751	7.509	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	22049	2.746	ng/ul	0.00
73) Anthracene-d10	17.257	188	502103	7.443	ng/ul	0.00
81) Pyrene-d10	19.545	212	514437	7.356	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.180	264	390699	5.155	ng/ul	0.01
Target Compounds						
16) Acetophenone	8.604	105	40863	1.247	ng/ul	92
50) Acenaphthylene	14.139	152	77480	1.190	ng/ul	98
72) Phenanthrene	17.204	178	892475	11.092	ng/ul	99
74) Anthracene	17.292	178	190047	2.316	ng/ul	98
77) Carbazole	17.563	167	101580	1.366	ng/ul	98
80) Fluoranthene	19.216	202	2273266	27.600	ng/ul	98
82) Pyrene	19.580	202	1637022	17.857	ng/ul	95
85) Benzo(a)anthracene	21.368	228	975196	11.303	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	269074	5.530	ng/ul #	97
87) Chrysene	21.427	228	1212295	14.413	ng/ul	98
90) Benzo(b)fluoranthene	23.439	252	1783744	19.580	ng/ul	98
91) Benzo(k)fluoranthene	23.498	252	589058m	6.324	ng/ul	
93) Benzo(a)pyrene	24.245	252	608581	7.034	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.768	276	662657	5.976	ng/ul	99
95) Di benzo(a,h)anthracene	27.815	278	217385	2.392	ng/ul #	94
96) Benzo(g,h,i)perylene	28.821	276	88535	1.019	ng/ul	92

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

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Manual Integrations APPROVED

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