

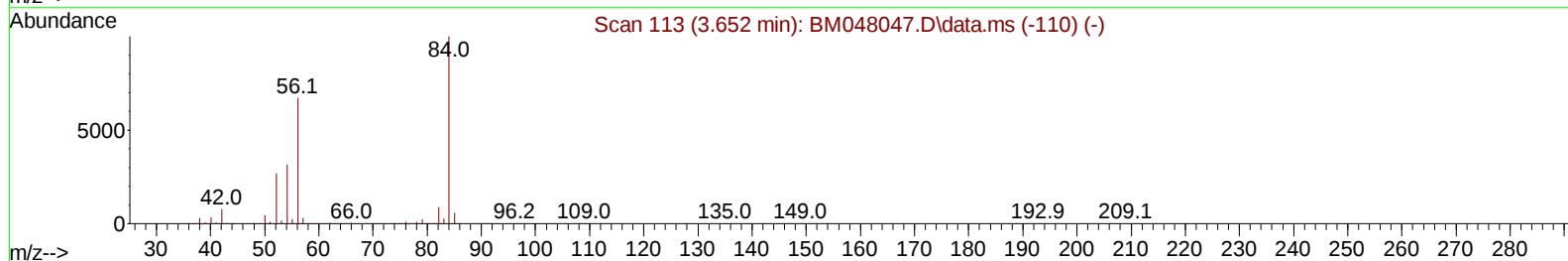
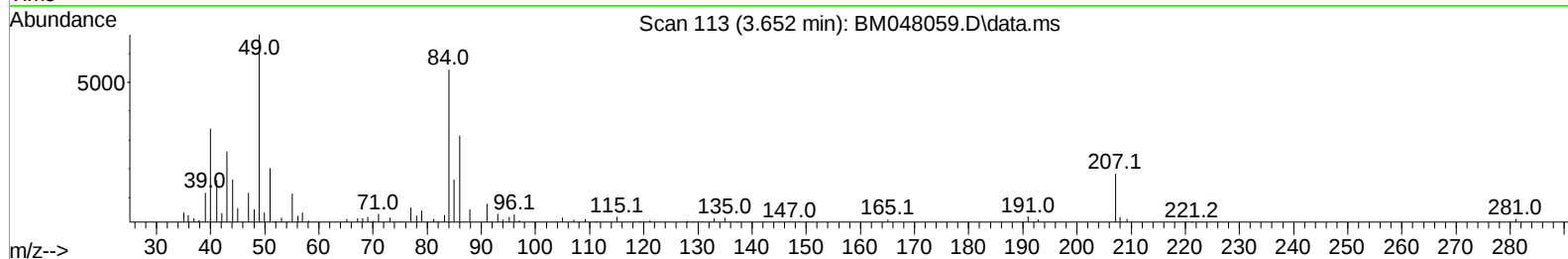
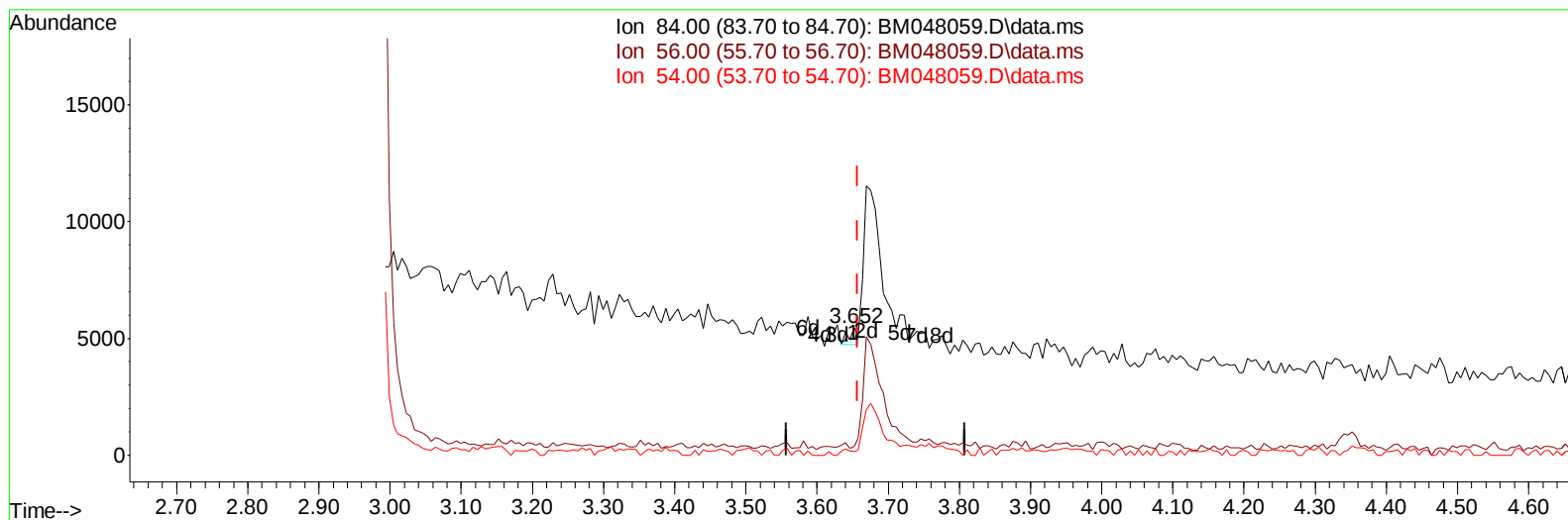
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048059.D
Acq On : 15 Oct 2024 12:01
Operator : RC/JU
Sample : P4238-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EY5

Manual IntegrationsAPPROVED

Quant Time: Oct 15 12:38:37 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: BM048059.D\data.ms

(4) Pyridine-d5 (S)

3.652min (-0.005) 0.02 ng/u1

response 621

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	75.30	6.75#
54.00	36.10	2.92#
0.00	0.00	0.00

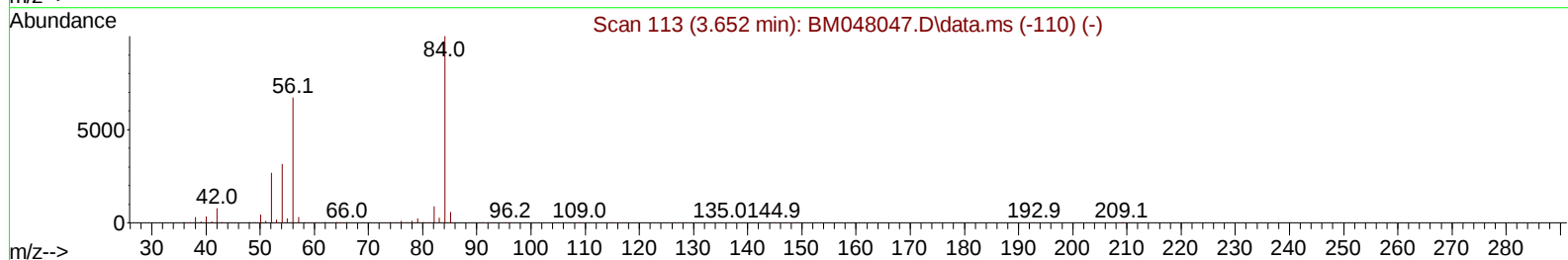
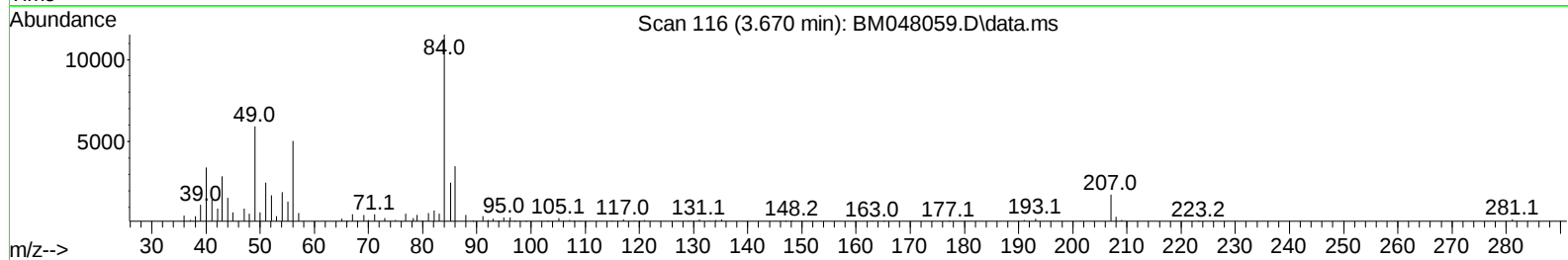
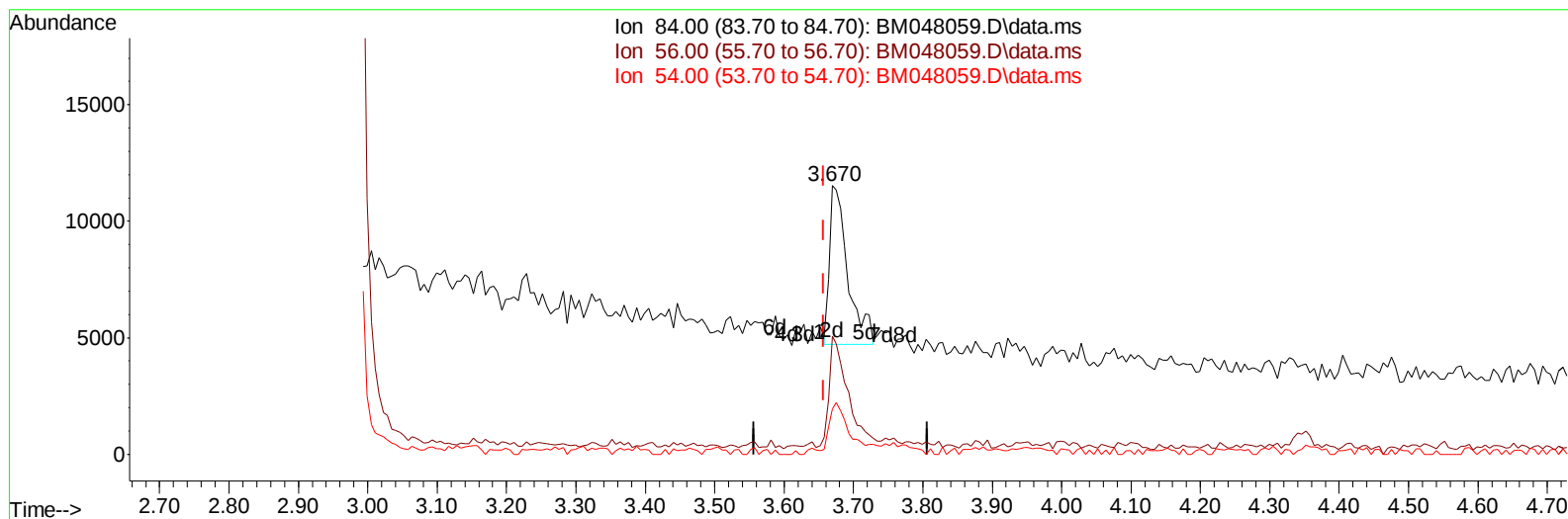
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TIC: BM048059.D\data.ms

(4) Pyridine-d5 (S)

3.670min (+ 0.012) 0.46 ng/u1 m

response 12500

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	75.30	43.97#
54.00	36.10	16.85#
0.00	0.00	0.00

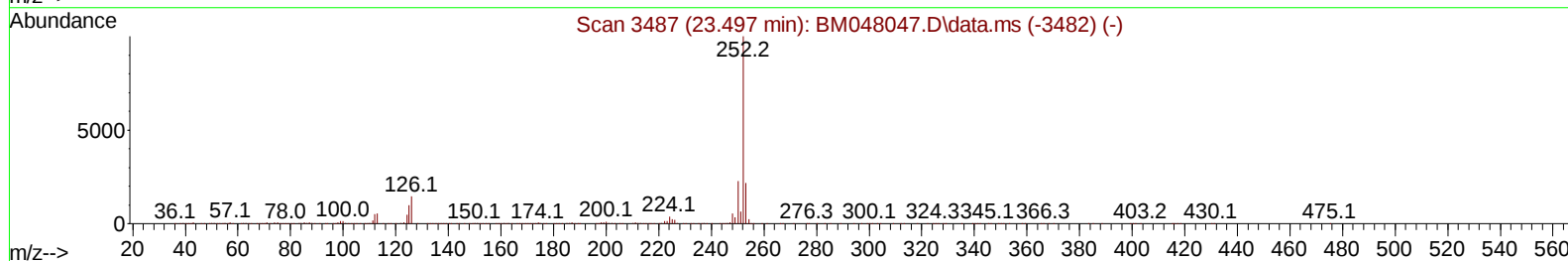
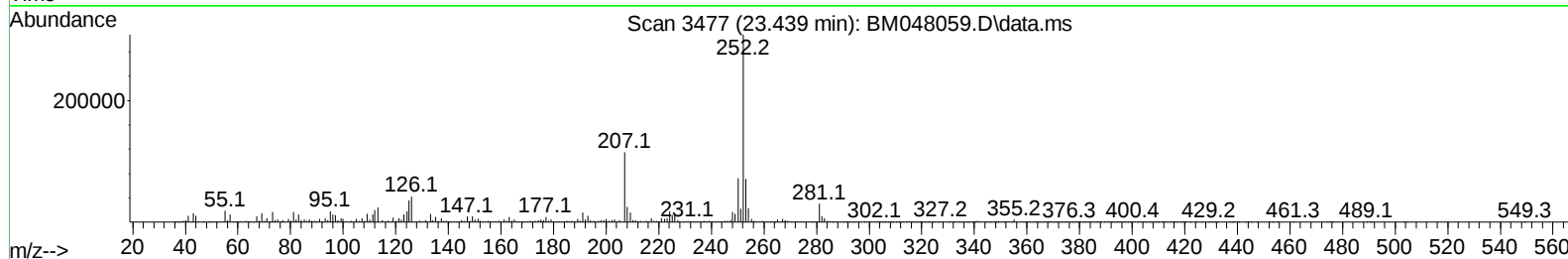
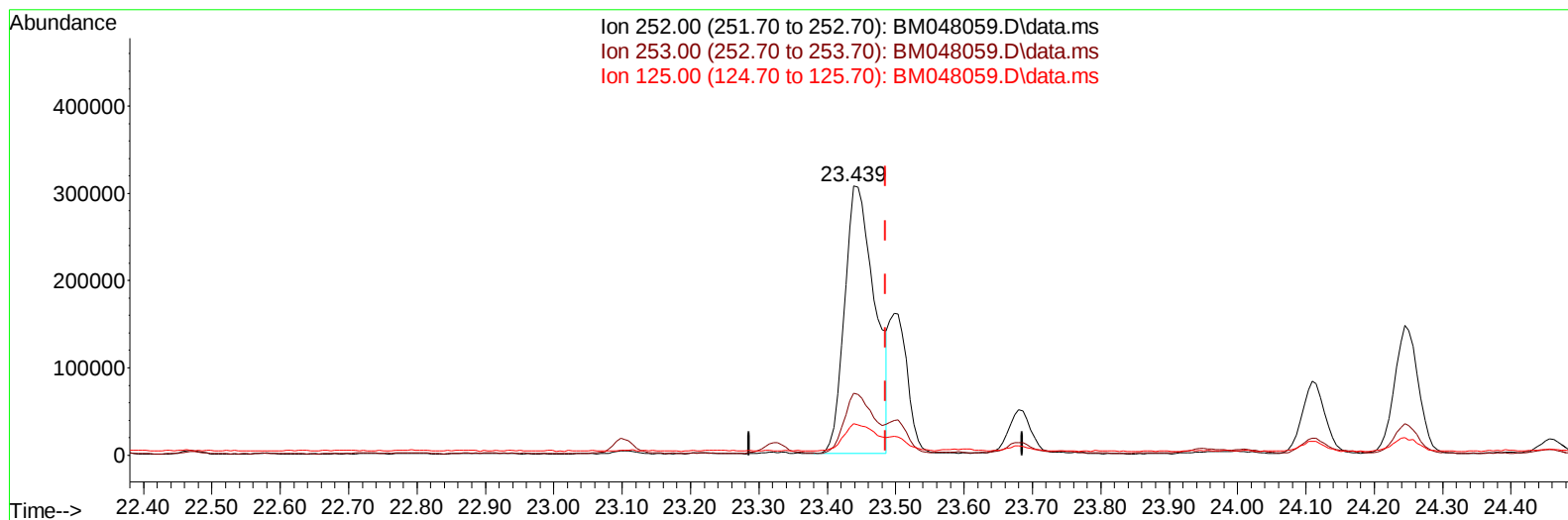
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048059.D
Acq On : 15 Oct 2024 12:01
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Sample : P4238-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM048059.D\data.ms

(91) Benzo(k)fluoranthene

23.439min (-0.047) 9.42 ng/u1

response 942072

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.03
125.00	11.10	11.59
0.00	0.00	0.00

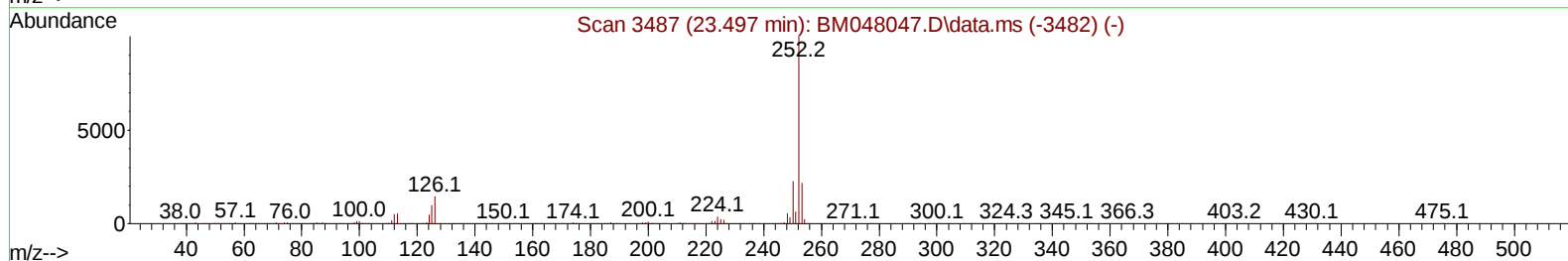
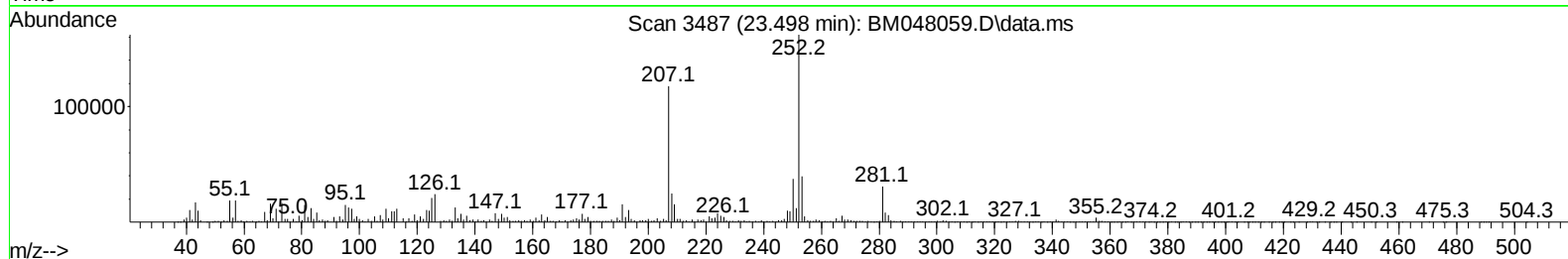
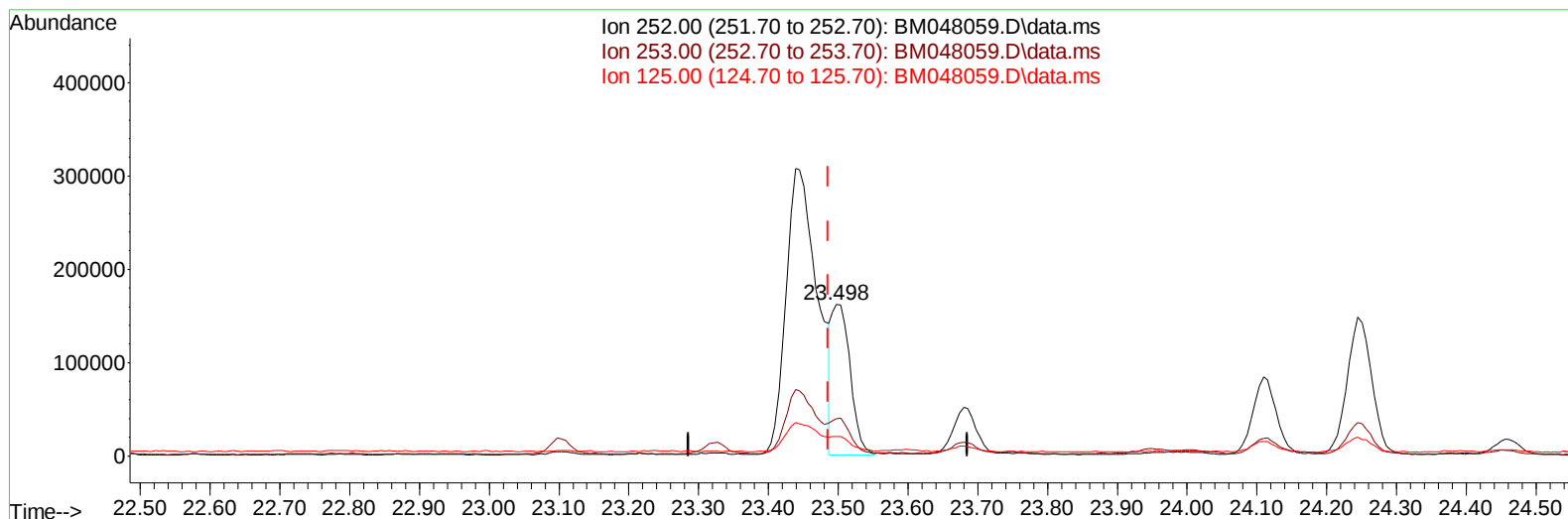
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
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 Acq On : 15 Oct 2024 12:01
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 Sample : P4238-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
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TIC: BM048059.D\data.ms

(91) Benzo(k)fluoranthene

23.498min (+ 0.012) 3.01 ng/ul m

response 300878

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	24.64
125.00	11.10	13.06
0.00	0.00	0.00

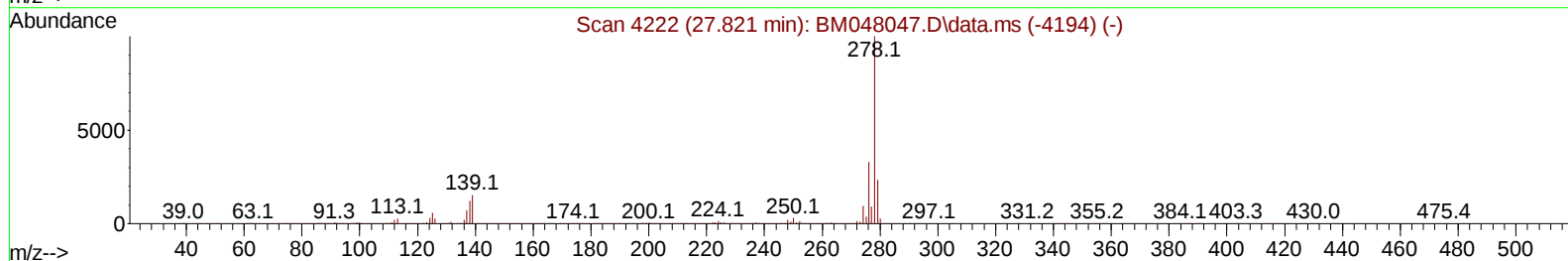
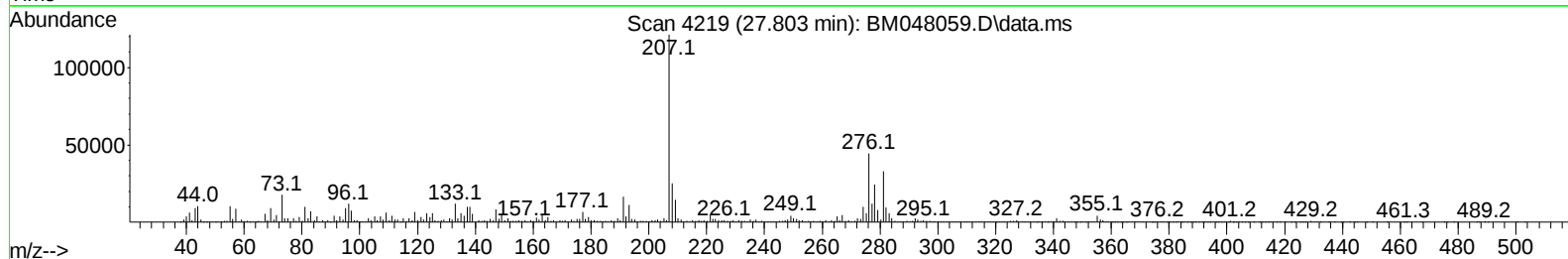
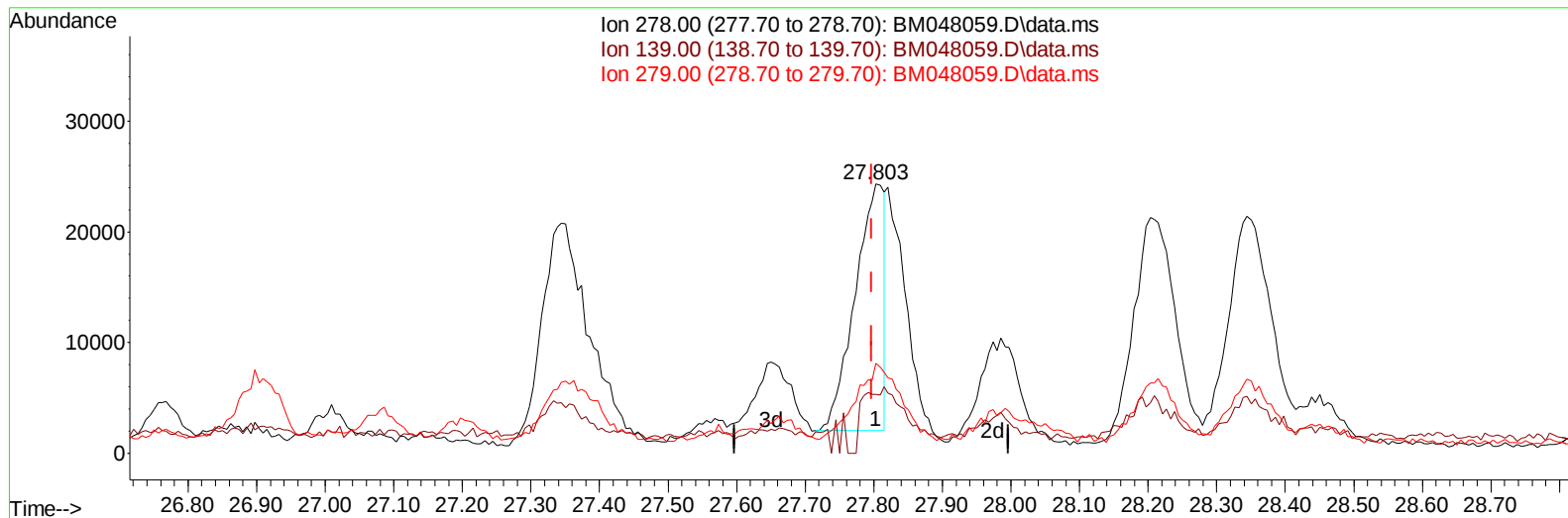
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
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Operator : RC/JU
Sample : P4238-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EY5

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 10/16/2024
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TIC: BM048059.D\data.ms

(95) Dibenzo(a,h)anthracene

27.803min (+ 0.006) 0.68 ng/u1

response 66187

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.80	21.81#
279.00	23.00	33.35#
0.00	0.00	0.00

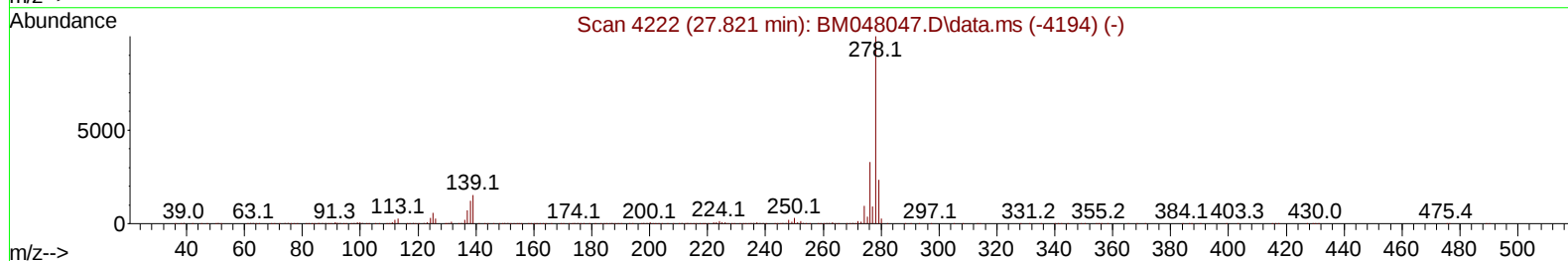
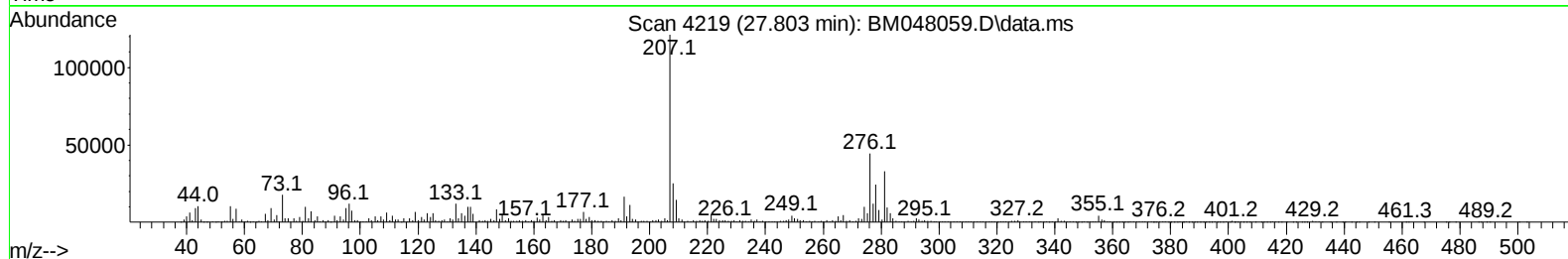
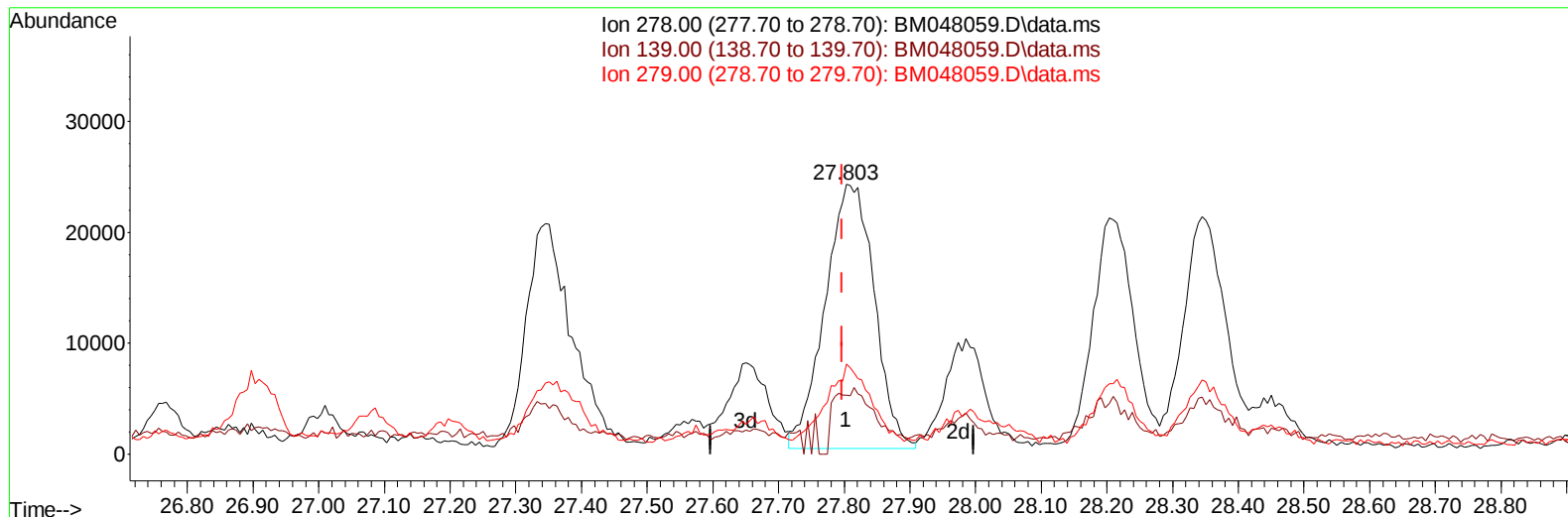
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
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Sample : P4238-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EY5

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Supervised By :mohammad ahmed 10/17/2024



TIC: BM048059.D\data.ms

(95) Dibenzo(a,h)anthracene

27.803min (+ 0.006) 1.27 ng/ul m

response 123852

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.80	21.81#
279.00	23.00	33.35#
0.00	0.00	0.00

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 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EY5

Manual IntegrationsAPPROVED

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

Quant Time: Oct 15 12:41:34 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	301665	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1187713	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	708325	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	1424843	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	1313829	20.000	ng/ul	0.00
88) Perylene-d12	24.392	264	1568555	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	9529	1.021	ng/uL	0.00
4) Pyridine-d5	3.670	84	12500m	0.457	ng/ul	0.01
7) Phenol-d5	6.958	99	153365	5.376	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	91339	4.512	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	136904	6.597	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	104853	4.944	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	60016	6.346	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	64209	7.085	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	119042	6.576	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	63360	2.264	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	343720	6.693	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	403780	6.631	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	34930	3.416	ng/ul	0.02
60) Fluorene-d10	15.416	176	307643	6.916	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	13097	1.571	ng/ul	0.00
73) Anthracene-d10	17.263	188	483707	6.904	ng/ul	0.00
81) Pyrene-d10	19.551	212	510526	6.847	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.180	264	393202	4.831	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.204	178	769020	9.203	ng/ul	100
74) Anthracene	17.292	178	166924	1.959	ng/ul	99
80) Fluoranthene	19.216	202	1391862	15.849	ng/ul	99
82) Pyrene	19.580	202	1039906	10.639	ng/ul	96
85) Benzo(a)anthracene	21.374	228	634362	6.896	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.292	149	209174	4.032	ng/ul#	99
87) Chrysene	21.433	228	663110	7.394	ng/ul	97
90) Benzo(b)fluoranthene	23.439	252	942072	9.631	ng/ul	98
91) Benzo(k)fluoranthene	23.498	252	300878m	3.008	ng/ul	
93) Benzo(a)pyrene	24.245	252	361145	3.887	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.774	276	339703	2.853	ng/ul	97
95) Dibenzo(a,h)anthracene	27.803	278	123852m	1.269	ng/ul	

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

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