

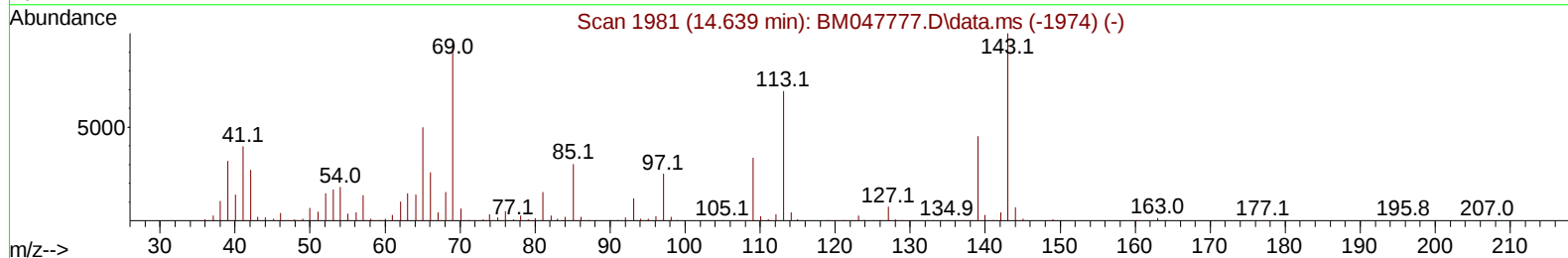
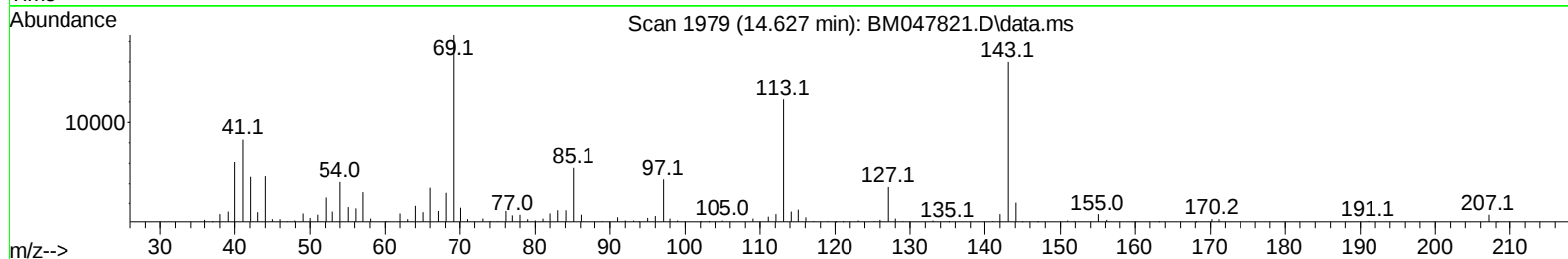
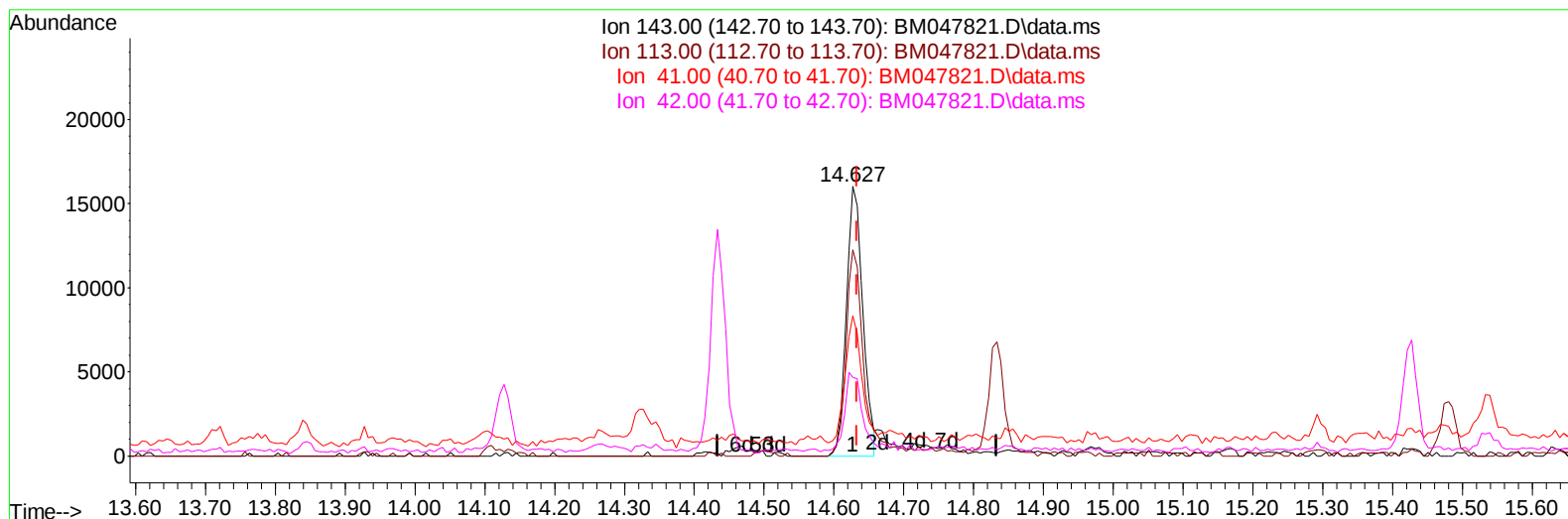
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047821.D
Acq On : 03 Oct 2024 23:54
Operator : RC/JU
Sample : P4084-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYL9

Manual IntegrationsAPPROVED

Quant Time: Oct 04 01:16:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024



TIC: BM047821.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.627min (-0.006) 2.69 ng/u1

response 26037

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	77.20	76.42
41.00	60.00	52.01
42.00	40.50	29.04#

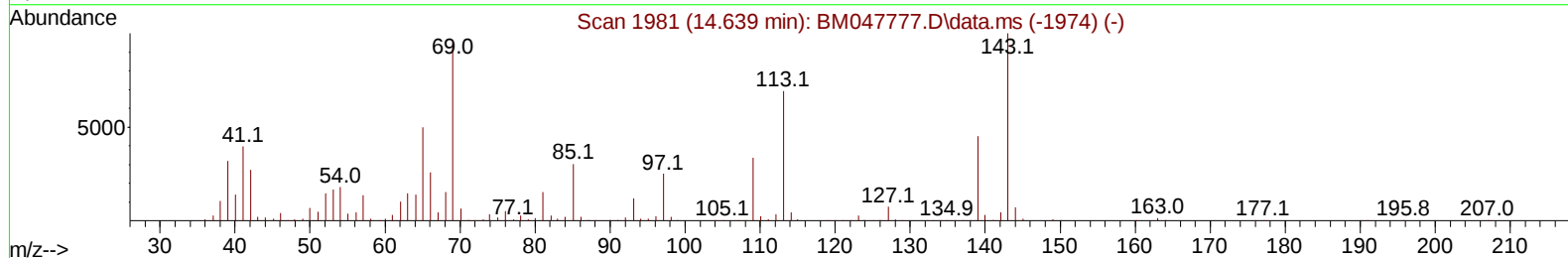
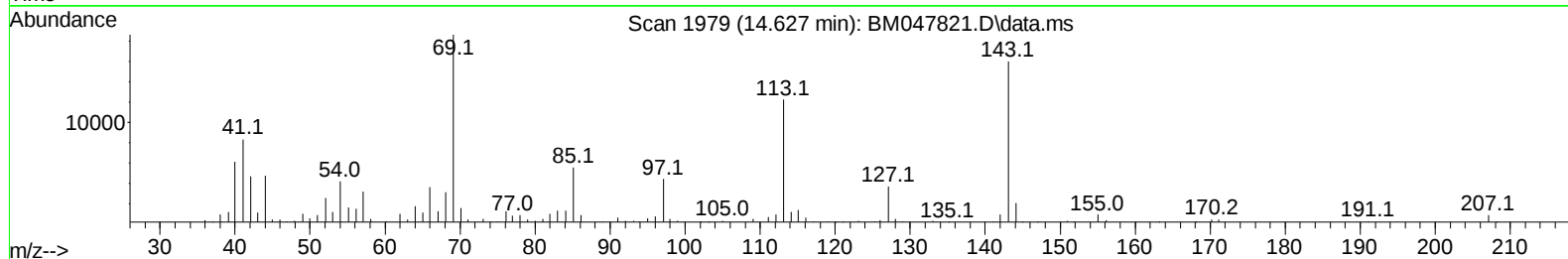
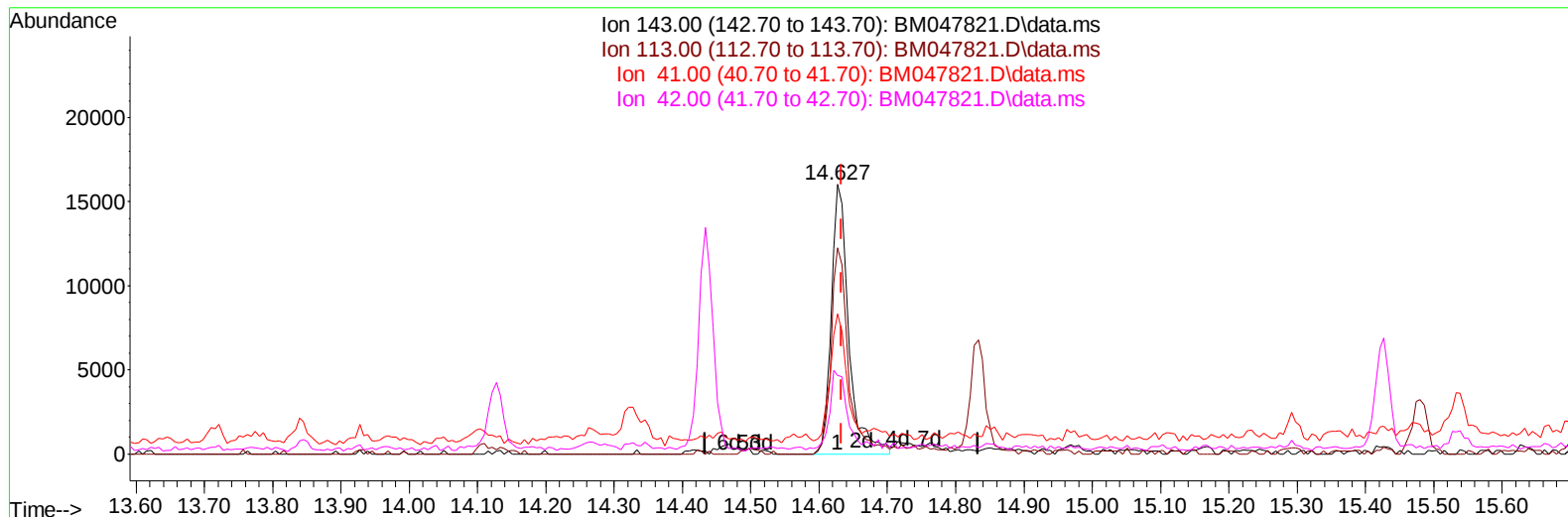
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047821.D
Acq On : 03 Oct 2024 23:54
Operator : RC/JU
Sample : P4084-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYL9

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
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TIC: BM047821.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.627min (-0.006) 2.94 ng/ul m

response 28487

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	77.20	76.42
41.00	60.00	52.01
42.00	40.50	29.04#

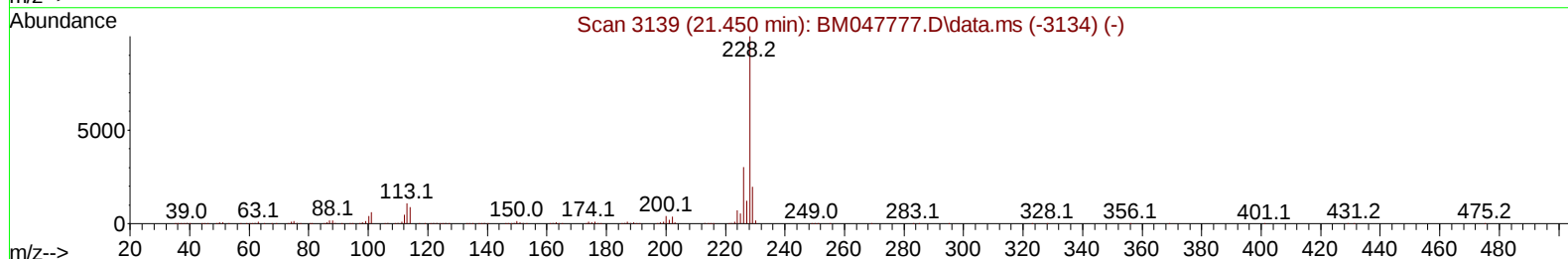
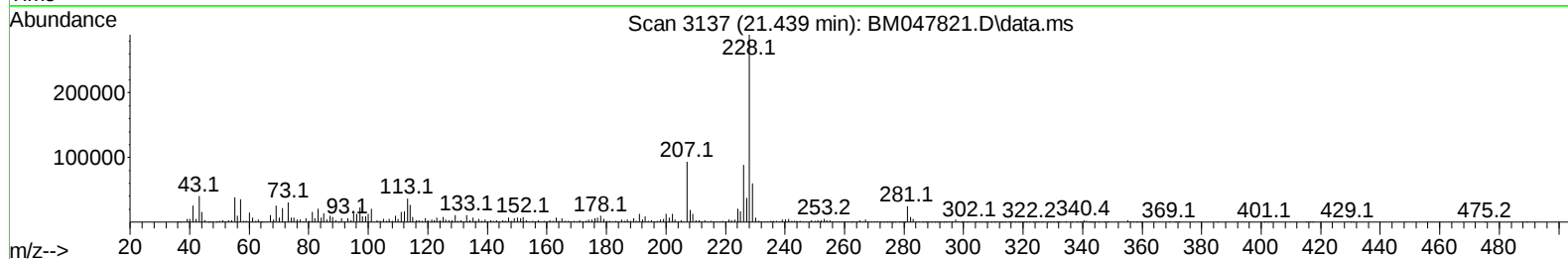
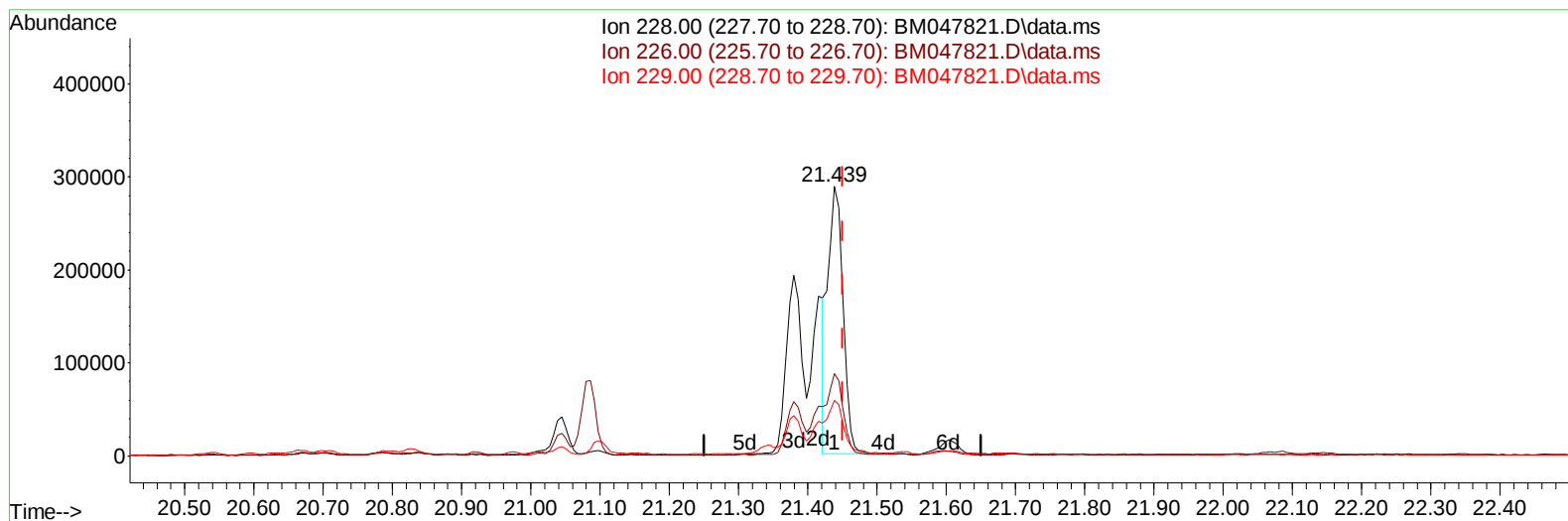
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047821.D
 Acq On : 03 Oct 2024 23:54
 Operator : RC/JU
 Sample : P4084-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM047821.D\data.ms

(87) Chrysene

21.439min (-0.012) 5.07 ng/u1

response 437294

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.45
229.00	19.10	20.57
0.00	0.00	0.00

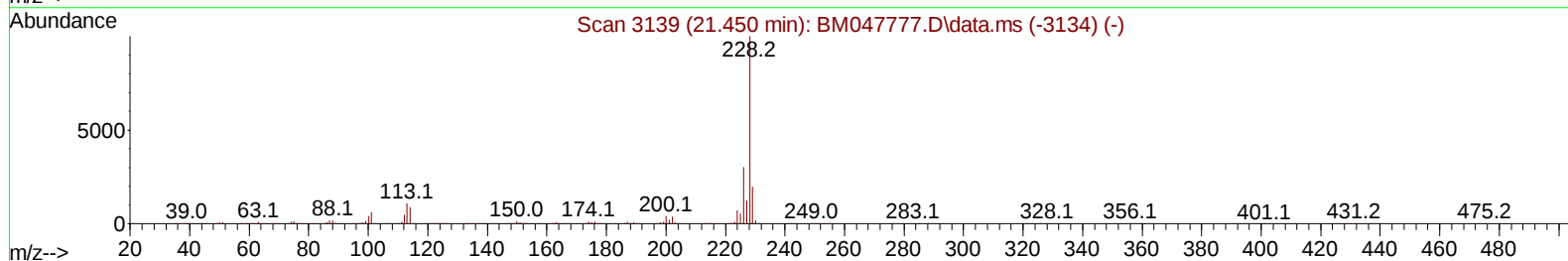
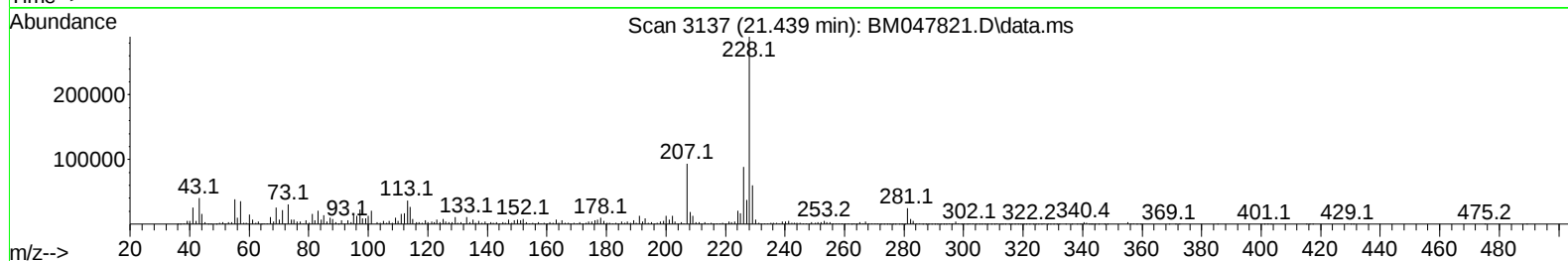
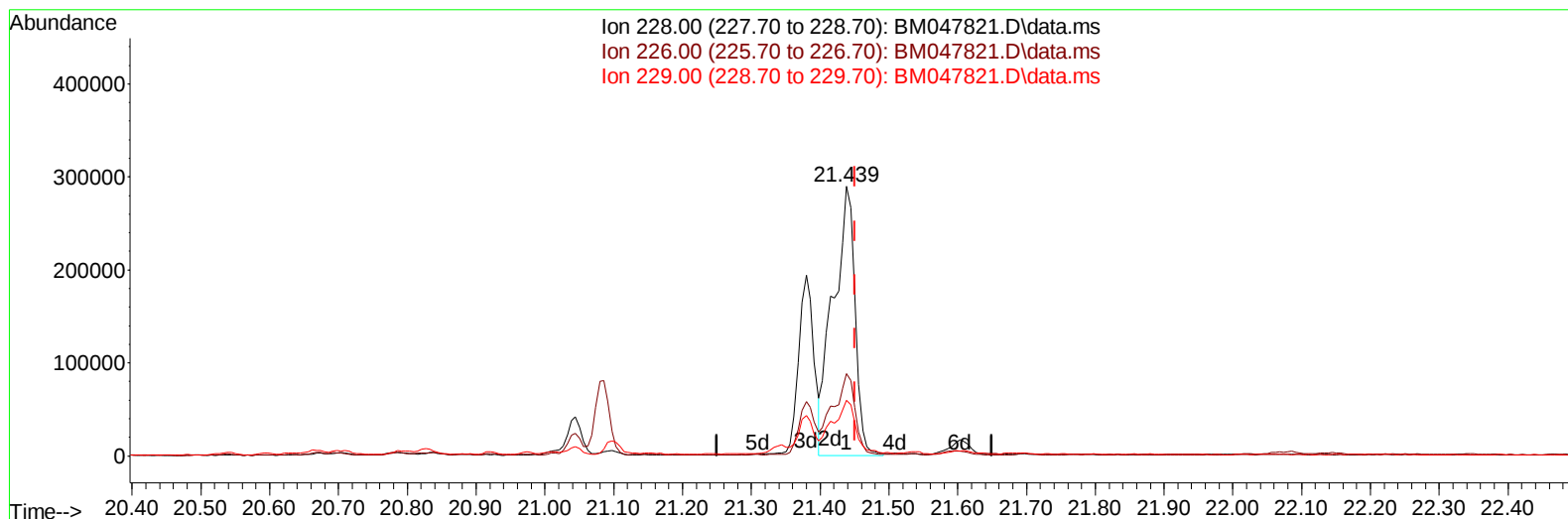
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047821.D
 Acq On : 03 Oct 2024 23:54
 Operator : RC/JU
 Sample : P4084-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 DCYL9

Manual IntegrationsAPPROVED

Quant Time: Oct 04 01:16:42 2024
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TIC: BM047821.D\data.ms

(87) Chrysene

21.439min (-0.012) 7.43 ng/ul m

response 640488

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.45
229.00	19.10	20.57
0.00	0.00	0.00

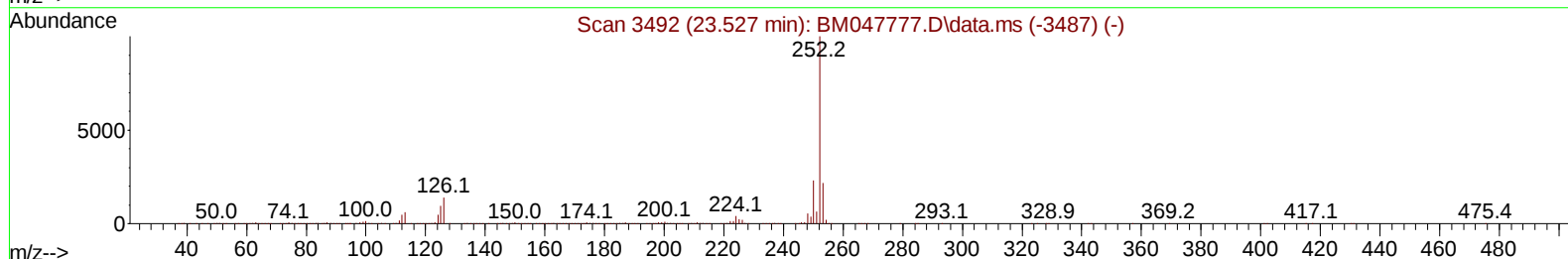
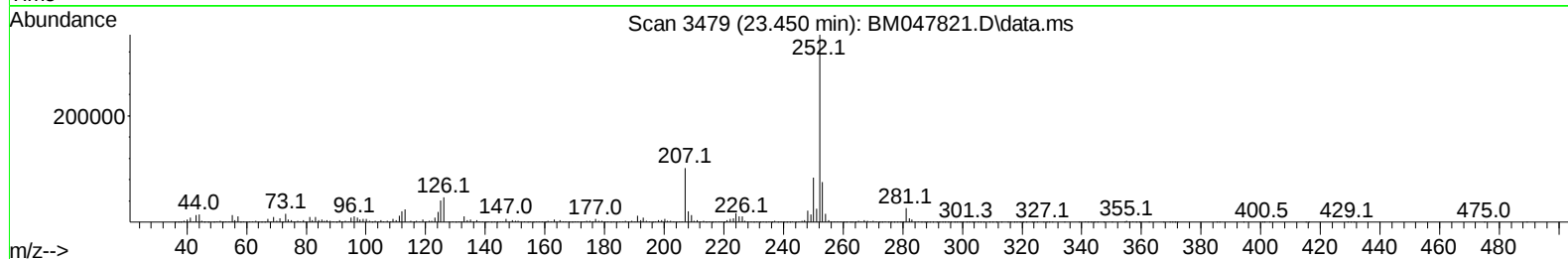
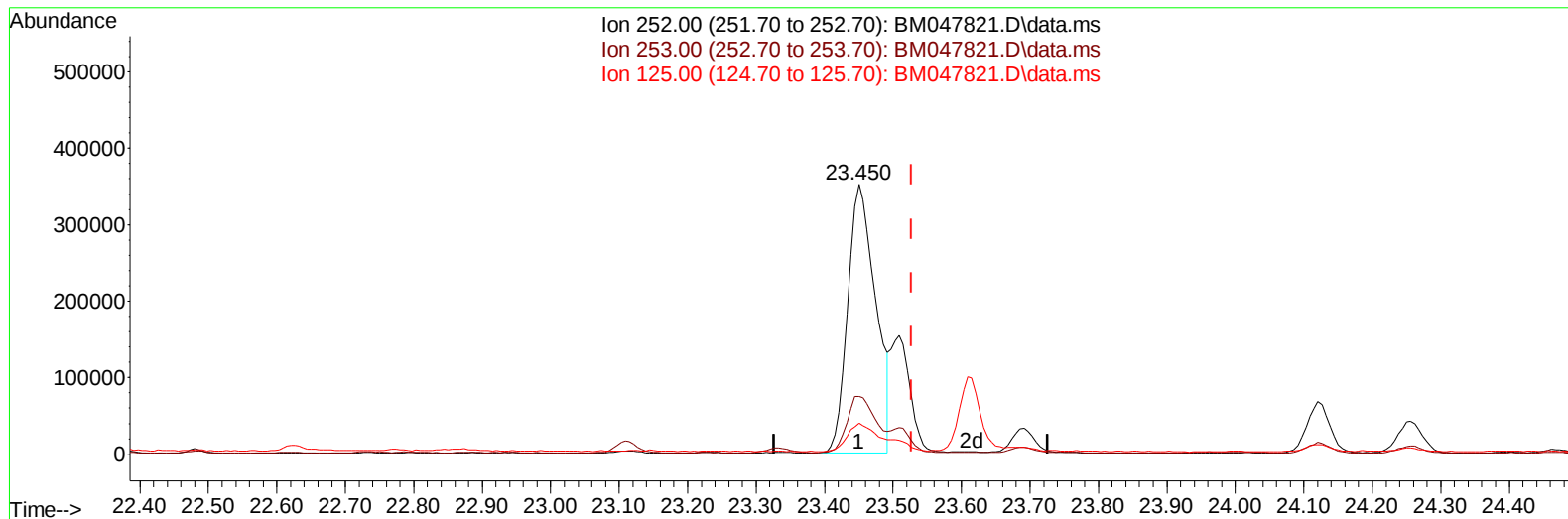
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047821.D
Acq On : 03 Oct 2024 23:54
Operator : RC/JU
Sample : P4084-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYL9

Manual IntegrationsAPPROVED

Quant Time: Oct 04 01:16:42 2024
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TIC: BM047821.D\data.ms

(91) Benzo(k)fluoranthene

23.450min (-0.077) 10.60 ng/u1

response 998532

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	21.30
125.00	11.10	11.44
0.00	0.00	0.00

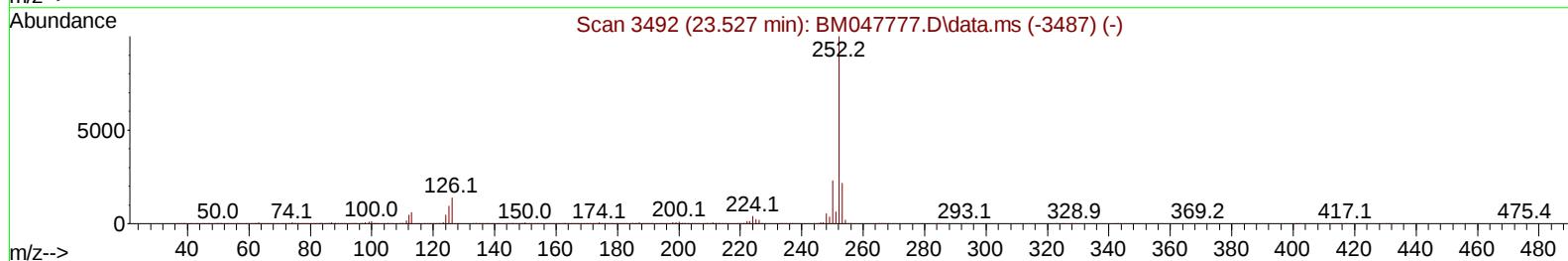
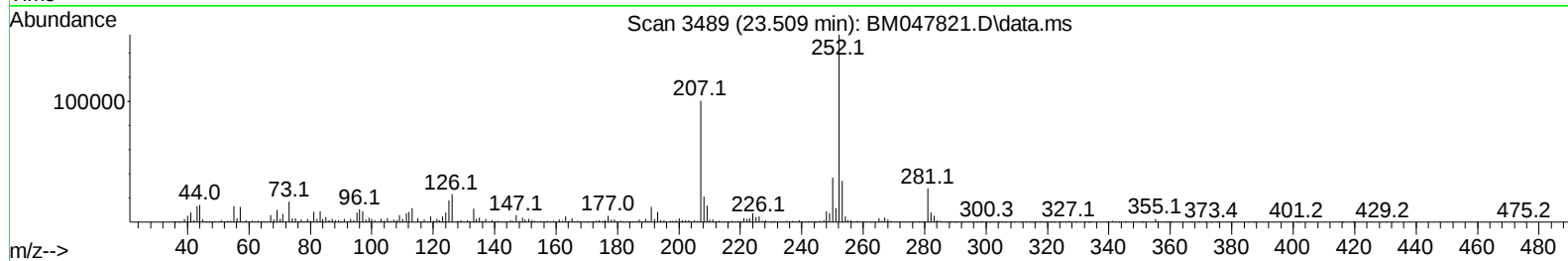
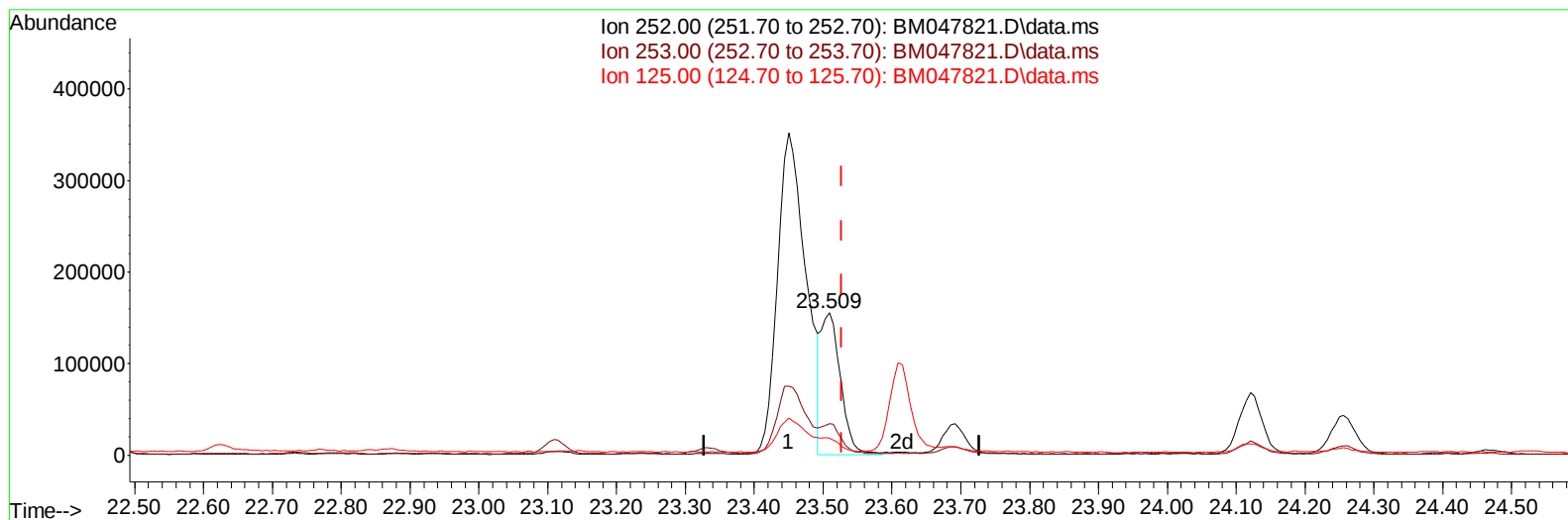
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
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 Acq On : 03 Oct 2024 23:54
 Operator : RC/JU
 Sample : P4084-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM047821.D\data.ms

(91) Benzo(k)fluoranthene

23.509min (-0.018) 3.25 ng/u1 m

response 305953

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.23
125.00	11.10	11.71
0.00	0.00	0.00

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 Sample : P4084-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCYL9

Manual IntegrationsAPPROVED

Quant Time: Oct 04 01:18:23 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	279349	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.592	136	1100900	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.433	164	670212	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.174	188	1347454	20.000	ng/ul	-0.01
79) Chrysene-d12	21.397	240	1263594	20.000	ng/ul	-0.01
88) Perylene-d12	24.403	264	1477360	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	8759	1.013	ng/uL	0.00
4) Pyridine-d5	3.681	84	14330	0.566	ng/ul	0.00
7) Phenol-d5	6.969	99	174315	6.599	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	116914	6.237	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.334	132	151334	7.874	ng/ul	-0.01
15) 4-Methylphenol-d8	8.504	113	134928	6.870	ng/ul	-0.01
21) Nitrobenzene-d5	8.957	128	67646	7.717	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.675	143	67288	8.011	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.216	165	138419	8.249	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.727	131	72479	2.794	ng/ul	-0.01
46) Dimethylphthalate-d6	13.845	166	419881	8.641	ng/ul	-0.01
49) Acenaphthylene-d8	14.127	160	483685	8.396	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.627	143	28487m	2.945	ng/ul	0.00
60) Fluorene-d10	15.427	176	379969	9.028	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.539	200	36121	4.581	ng/ul	-0.01
73) Anthracene-d10	17.274	188	562653	8.492	ng/ul	-0.01
81) Pyrene-d10	19.556	212	543111	7.573	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.191	264	368364	4.806	ng/ul	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.645	128	434086	6.855	ng/ul	99
36) 2-Methylnaphthalene	12.257	142	68317	1.698	ng/ul	93
52) Acenaphthene	14.498	153	69688	1.517	ng/ul	98
61) Fluorene	15.480	166	242893	4.709	ng/ul	98
72) Phenanthrene	17.215	178	1079986	13.667	ng/ul	99
74) Anthracene	17.304	178	285625	3.544	ng/ul	100
80) Fluoranthene	19.227	202	848324	10.044	ng/ul	98
82) Pyrene	19.586	202	599182	6.374	ng/ul	96
85) Benzo(a)anthracene	21.380	228	294893	3.333	ng/ul	95
87) Chrysene	21.439	228	640488m	7.426	ng/ul	
90) Benzo(b)fluoranthene	23.450	252	998532	10.838	ng/ul	99
91) Benzo(k)fluoranthene	23.509	252	305953m	3.248	ng/ul	
93) Benzo(a)pyrene	24.256	252	107129	1.224	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	27.773	276	160266	1.429	ng/ul	97

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

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