

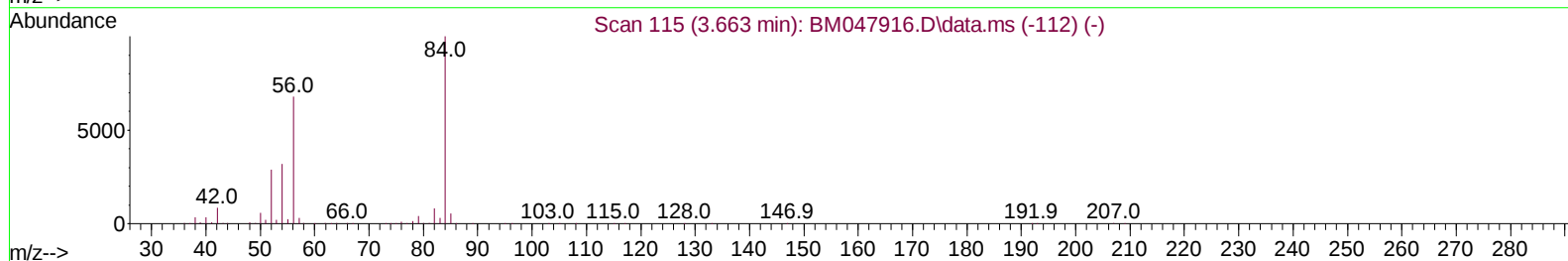
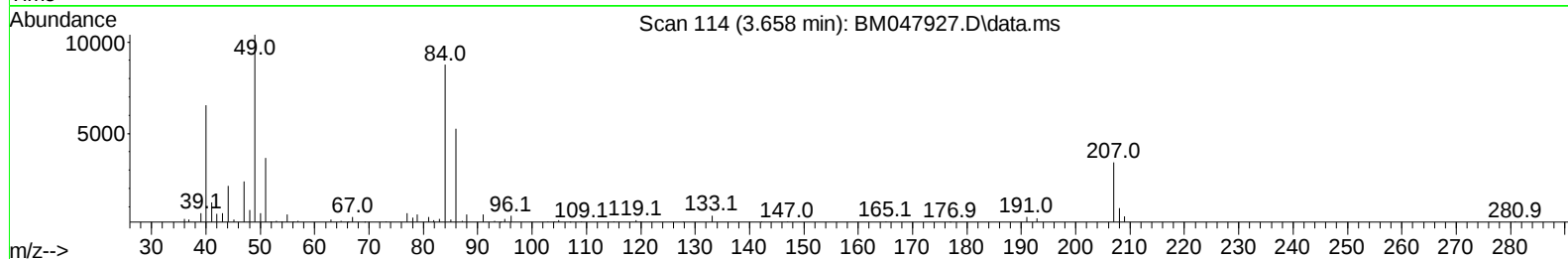
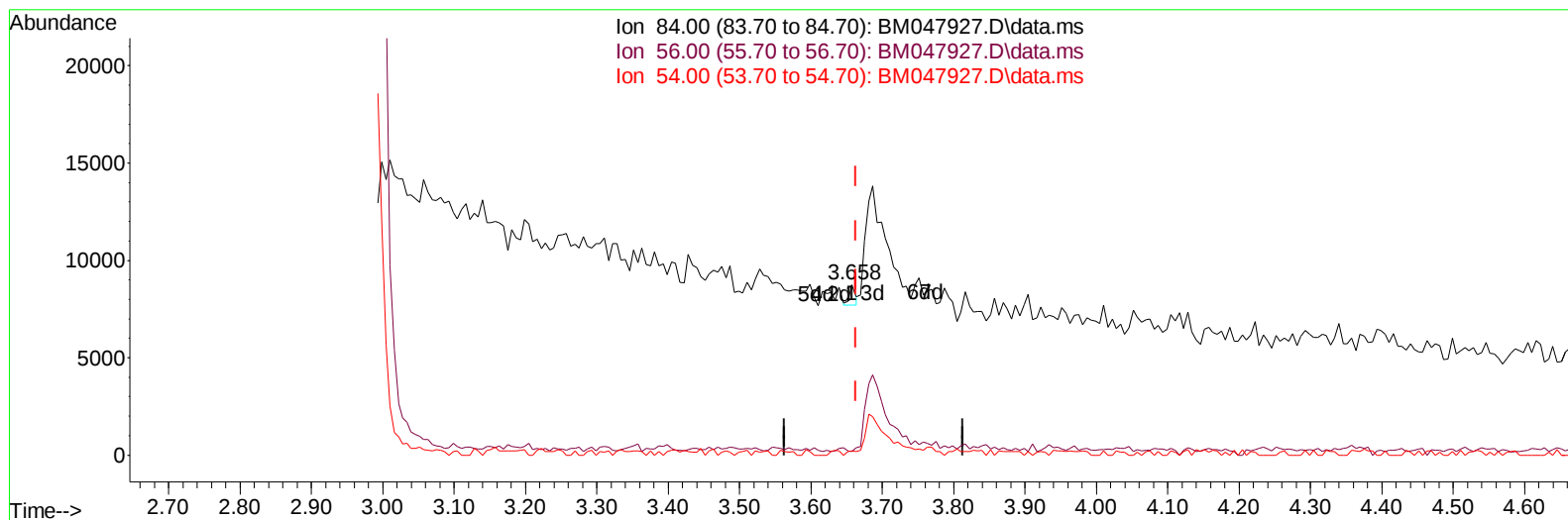
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047927.D
Acq On : 09 Oct 2024 00:20
Operator : RC/JU
Sample : P4183-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EL7

Manual IntegrationsAPPROVED

Quant Time: Oct 09 02:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BM047927.D\data.ms

(4) Pyridine-d5 (S)

3.658min (-0.006) 0.03 ng/u1

response 583

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	75.30	2.10#
54.00	36.10	2.34#
0.00	0.00	0.00

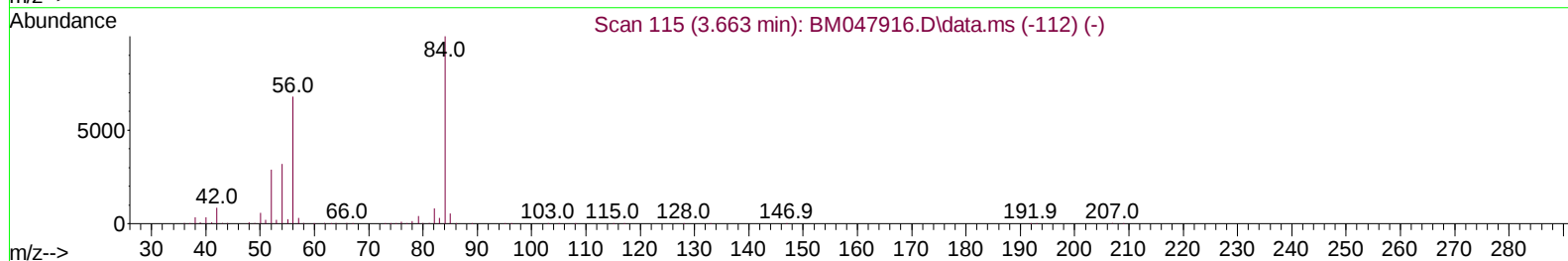
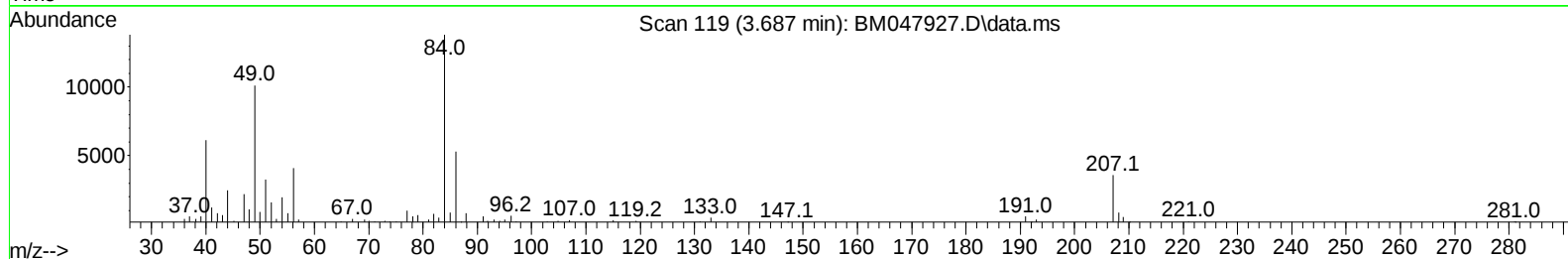
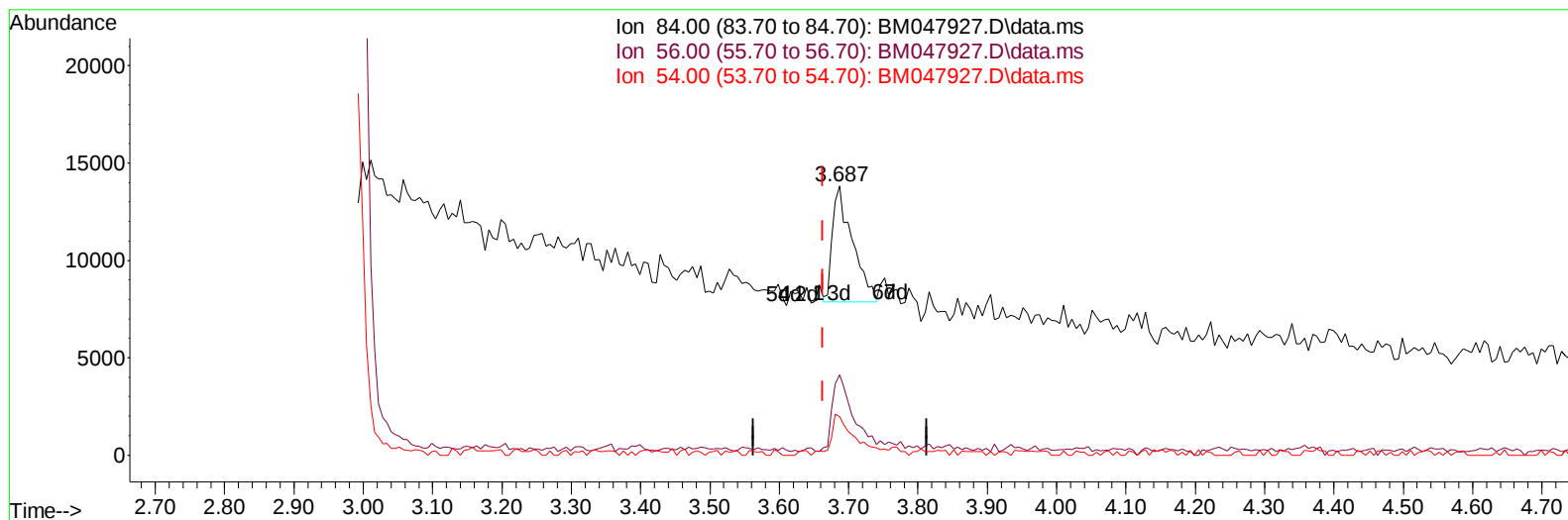
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047927.D
Acq On : 09 Oct 2024 00:20
Operator : RC/JU
Sample : P4183-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
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Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BM047927.D\data.ms

(4) Pyridine-d5 (S)

3.687min (+ 0.024) 0.55 ng/u1 m

response 11969

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	75.30	29.76#
54.00	36.10	14.34#
0.00	0.00	0.00

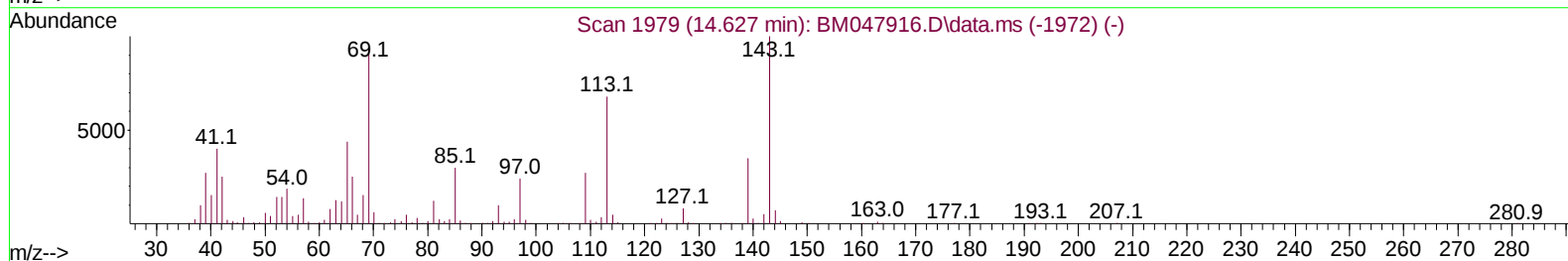
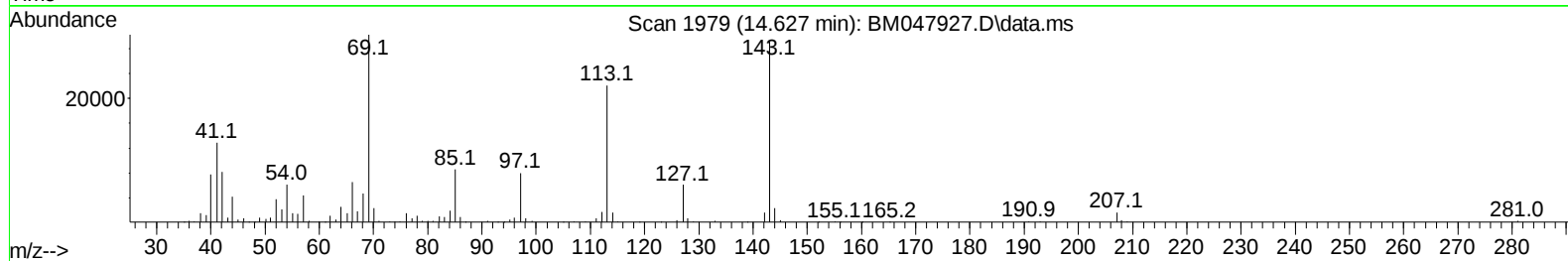
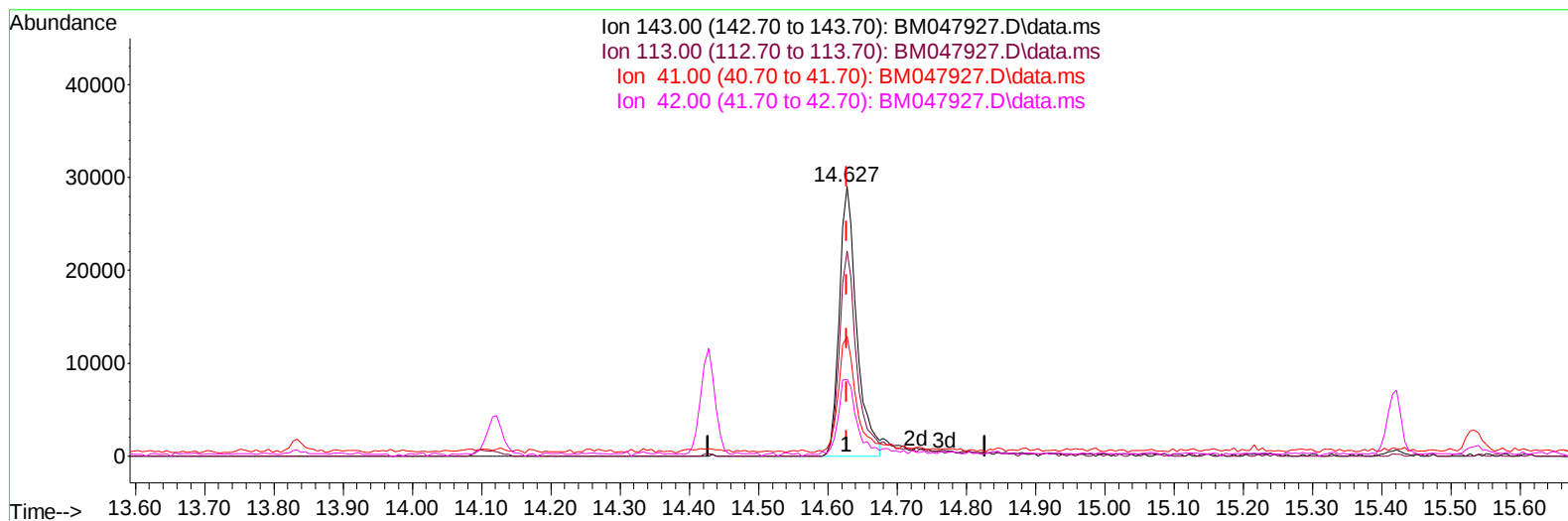
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047927.D
Acq On : 09 Oct 2024 00:20
Operator : RC/JU
Sample : P4183-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EL7

Manual IntegrationsAPPROVED

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TIC: BM047927.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.627min (+ 0.000) 5.90 ng/u1

response 50886

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	77.20	76.09
41.00	60.00	44.37#
42.00	40.50	28.41#

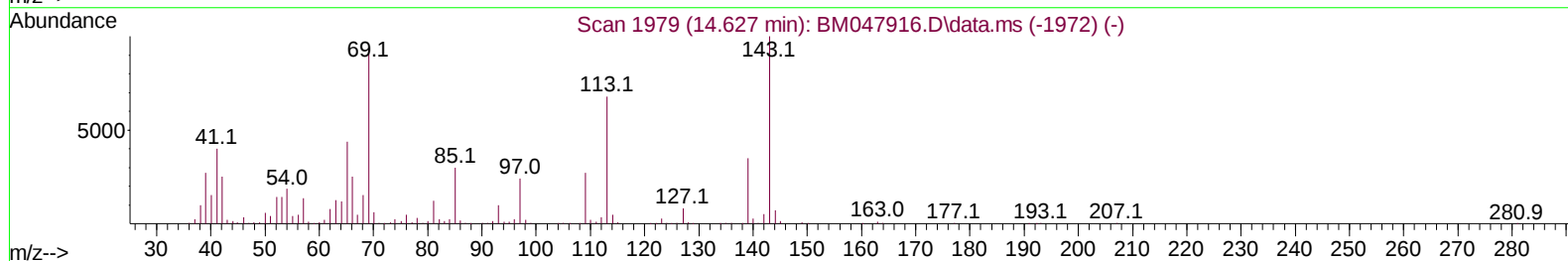
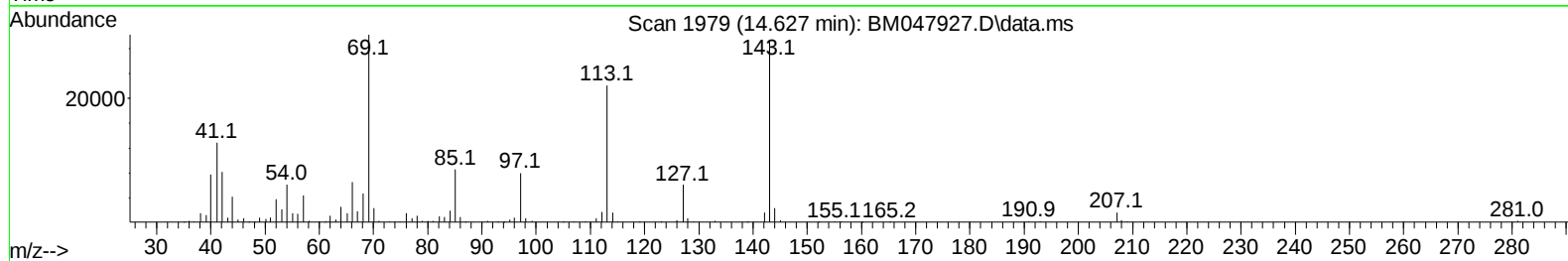
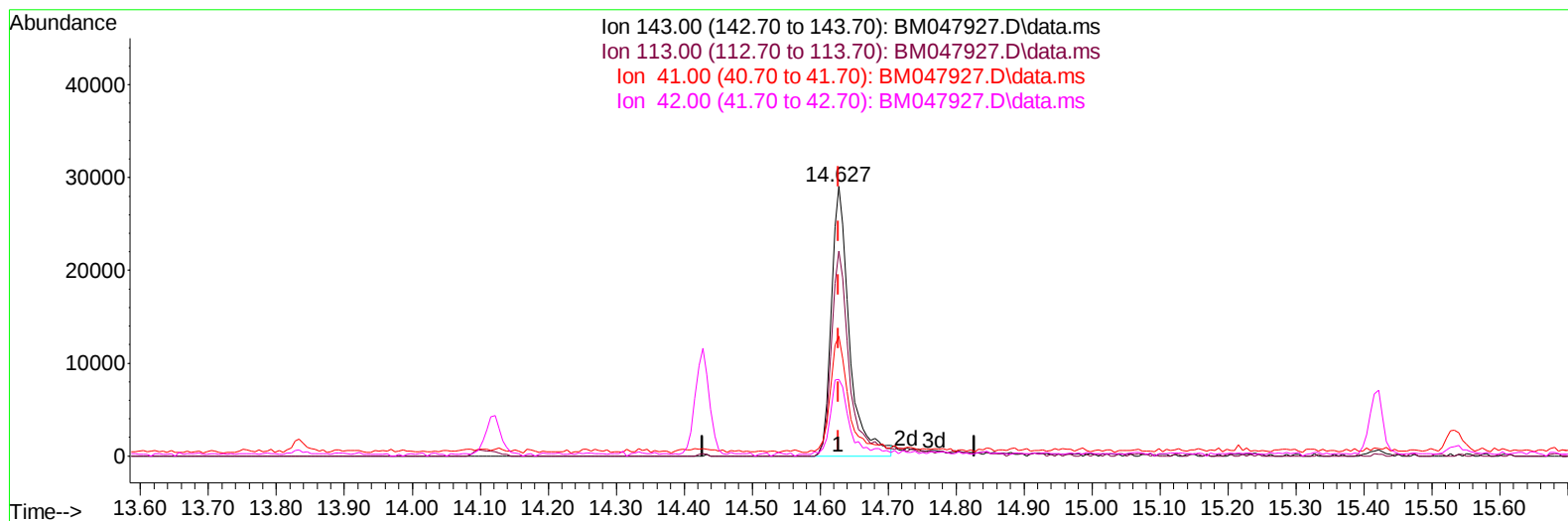
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047927.D
Acq On : 09 Oct 2024 00:20
Operator : RC/JU
Sample : P4183-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EL7

Manual IntegrationsAPPROVED

Quant Time: Oct 09 02:07:38 2024
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QLast Update : Fri Oct 04 08:32:31 2024
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Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BM047927.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.627min (+ 0.000) 6.18 ng/ul m

response 53272

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	77.20	76.09
41.00	60.00	44.37#
42.00	40.50	28.41#

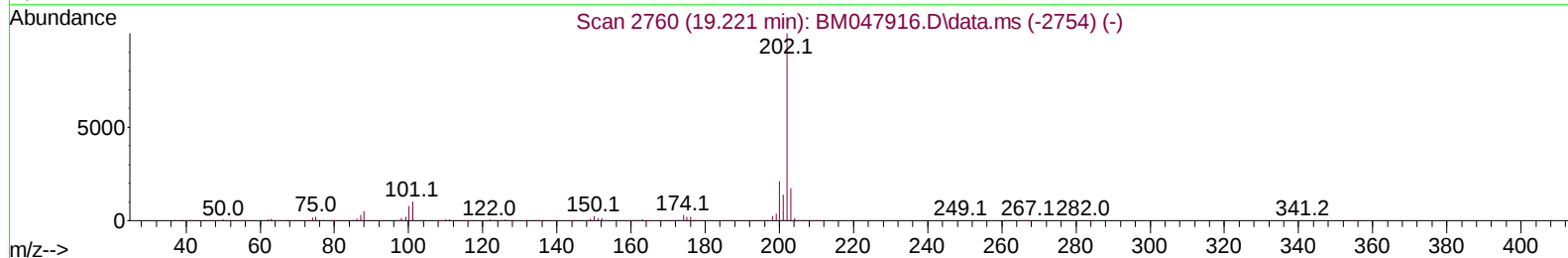
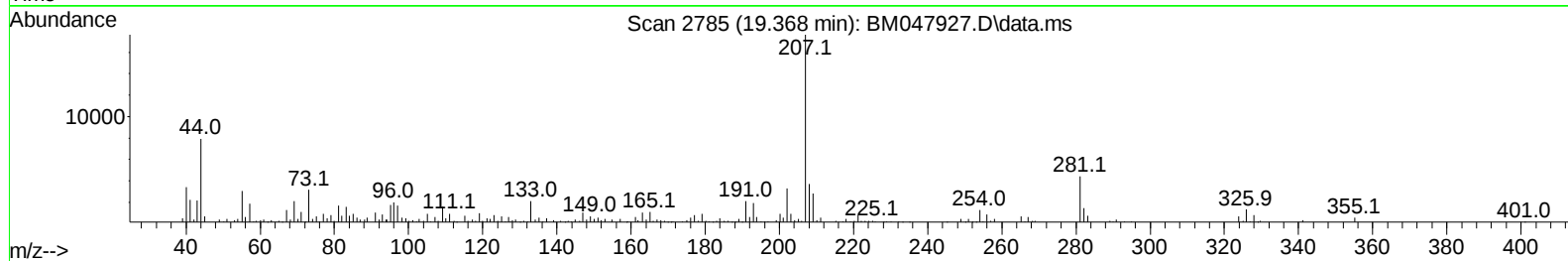
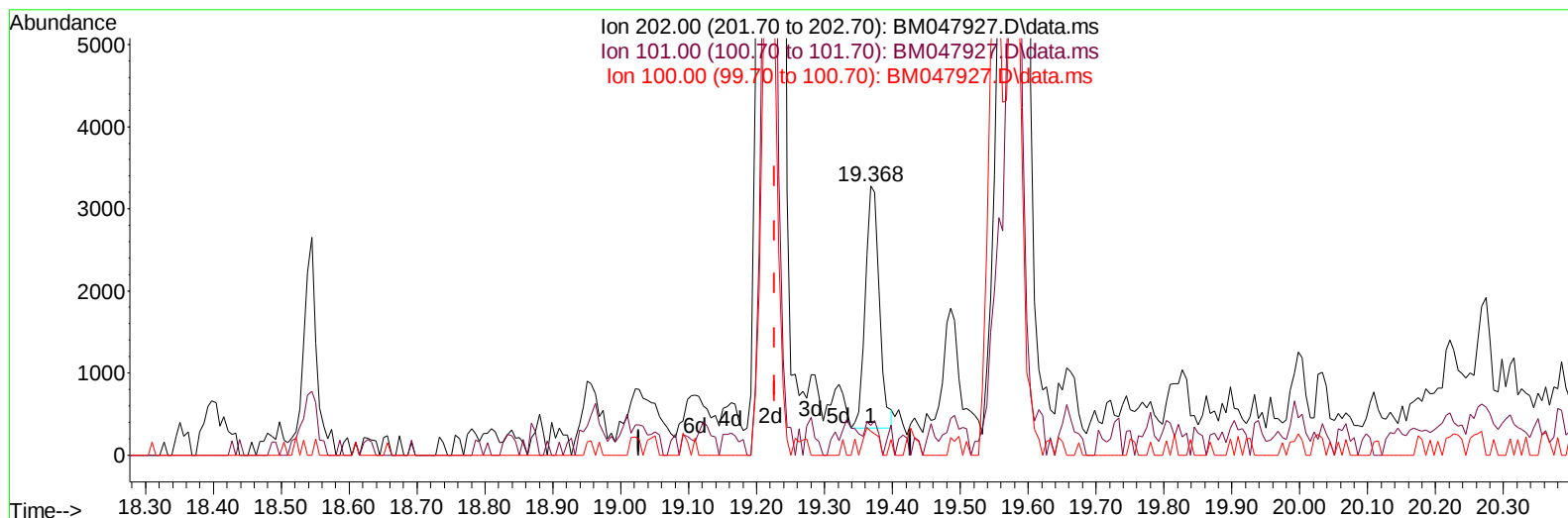
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047927.D
Acq On : 09 Oct 2024 00:20
Operator : RC/JU
Sample : P4183-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EL7

Manual IntegrationsAPPROVED

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TIC: BM047927.D\data.ms

(80) Fluoranthene

19.368min (+ 0.141) 0.06 ng/u1

response 4229

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.20	10.93
100.00	8.50	8.82
0.00	0.00	0.00

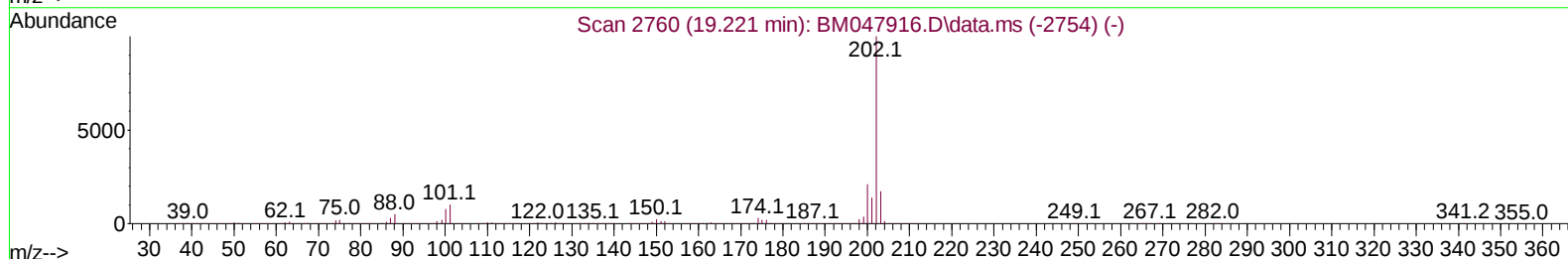
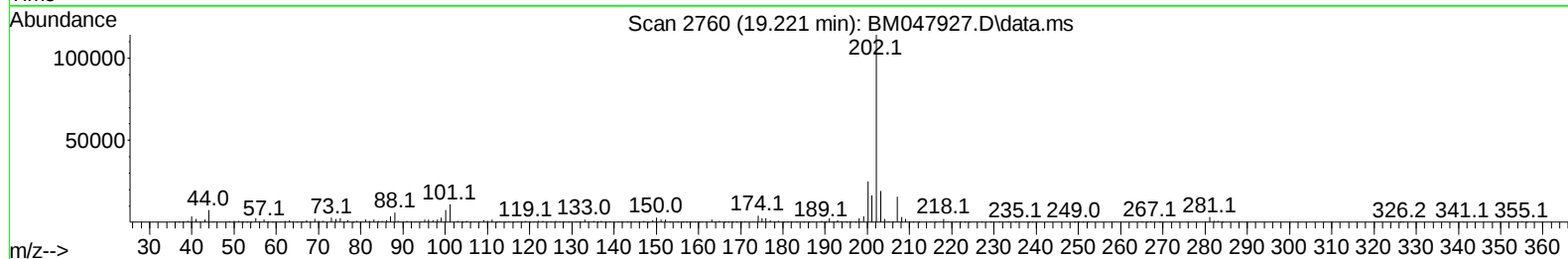
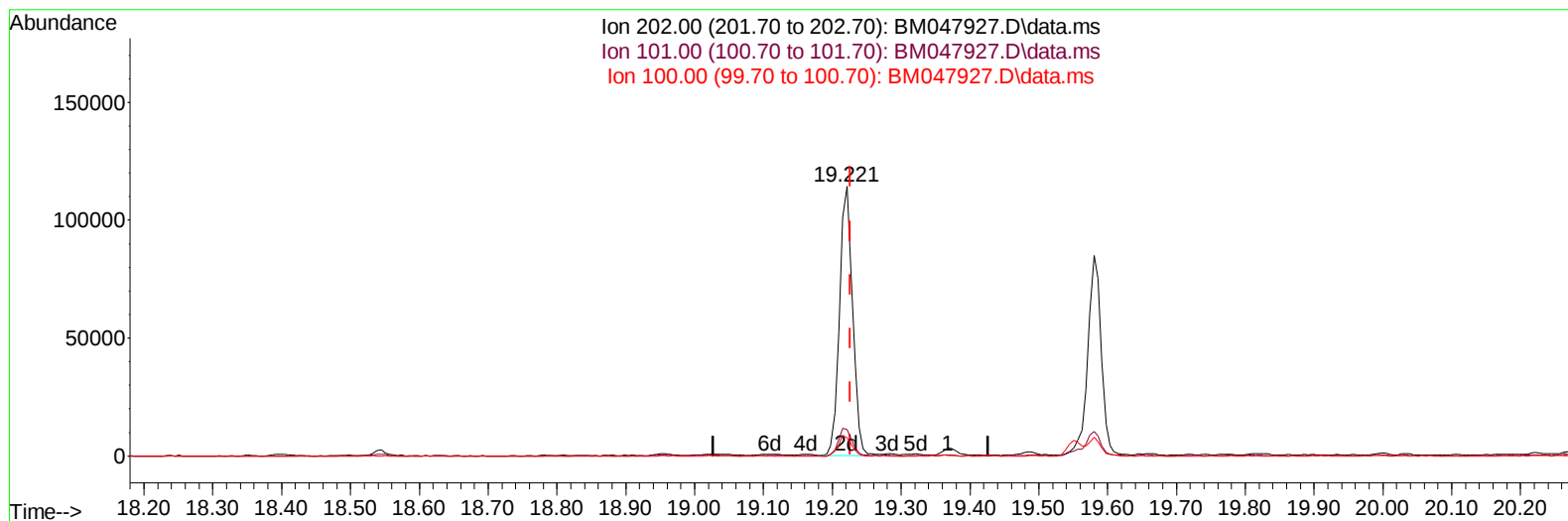
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047927.D
Acq On : 09 Oct 2024 00:20
Operator : RC/JU
Sample : P4183-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EL7

Manual IntegrationsAPPROVED

Quant Time: Oct 09 02:11:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BM047927.D\data.ms

(80) Fluoranthene

19.221min (-0.006) 2.02 ng/u1 m

response 149941

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.20	9.73
100.00	8.50	6.72#
0.00	0.00	0.00

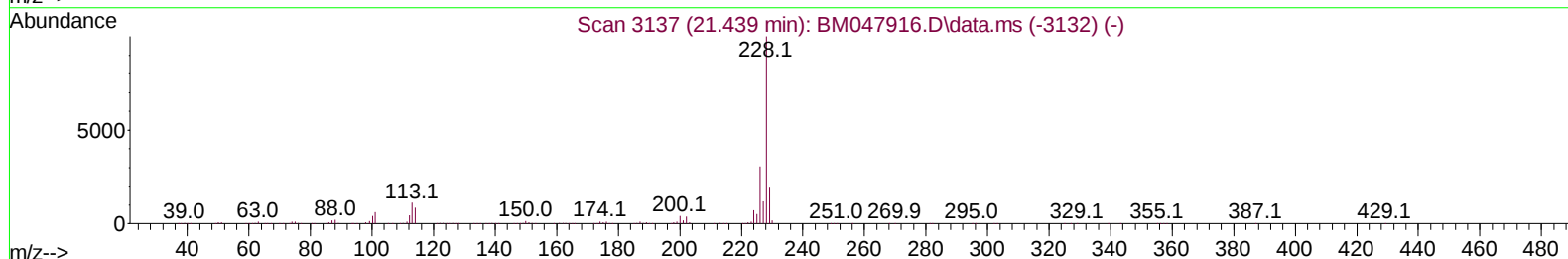
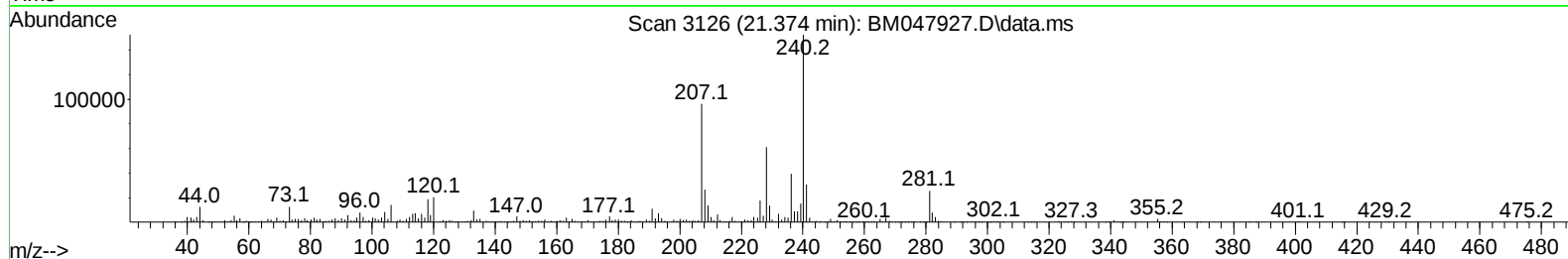
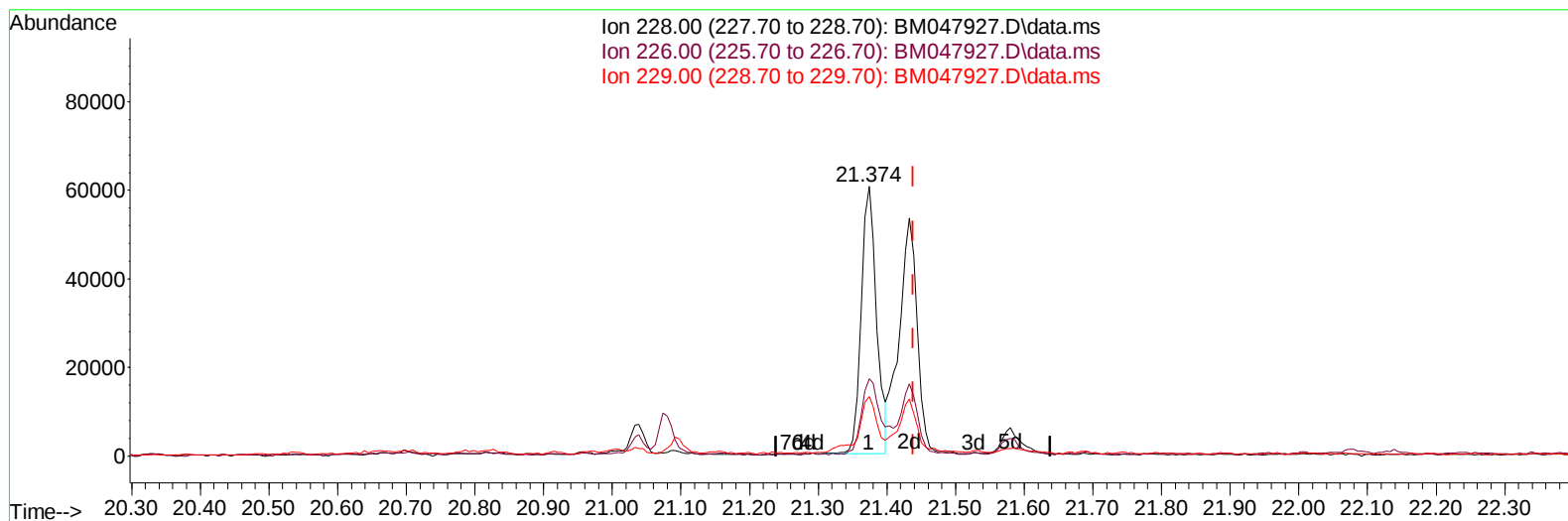
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
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Operator : RC/JU
Sample : P4183-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EL7

Manual IntegrationsAPPROVED

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TIC: BM047927.D\data.ms

(87) Chrysene

21.374min (-0.065) 1.24 ng/u1

response 94107

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	28.77
229.00	19.10	21.98
0.00	0.00	0.00

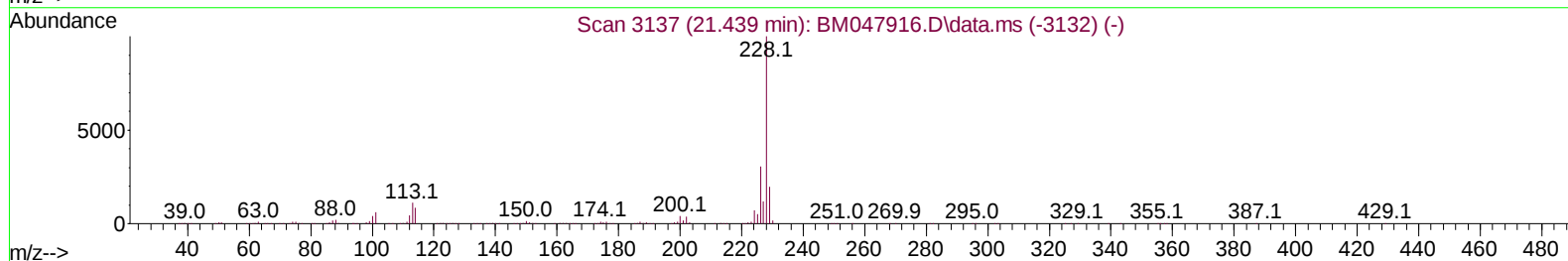
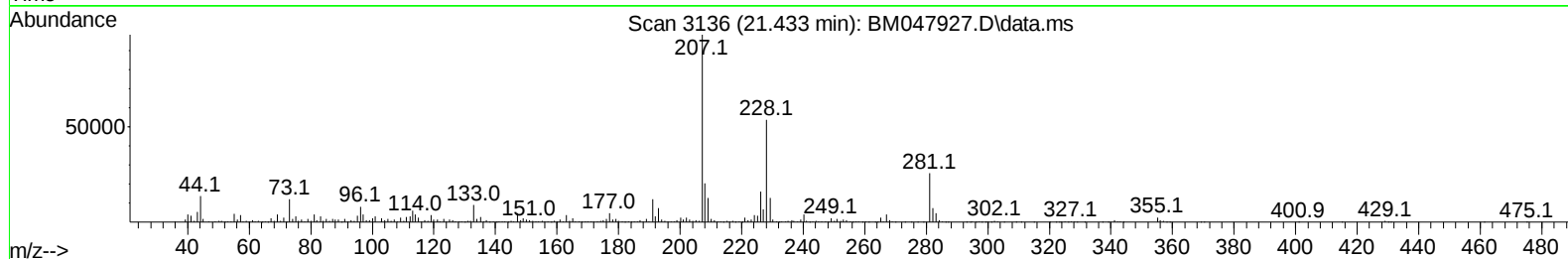
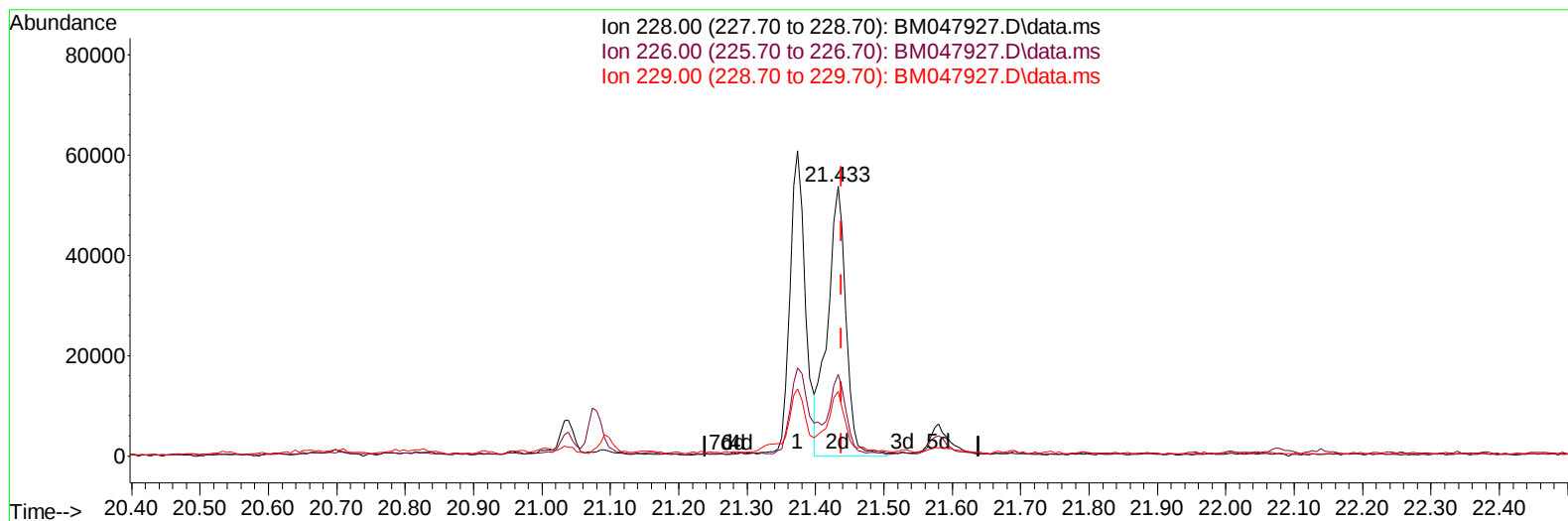
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047927.D
Acq On : 09 Oct 2024 00:20
Operator : RC/JU
Sample : P4183-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EL7

Manual IntegrationsAPPROVED

Quant Time: Oct 09 02:07:38 2024
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Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BM047927.D\data.ms

(87) Chrysene

21.433min (-0.006) 1.34 ng/u1 m

response 101241

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.30
229.00	19.10	23.95#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047927.D
 Acq On : 09 Oct 2024 00:20
 Operator : RC/JU
 Sample : P4183-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EL7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	238147	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	966874	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.427	164	597035	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1195643	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	1109999	20.000	ng/ul	0.00
88) Perylene-d12	24.391	264	1266155	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	5519	0.749	ng/uL	0.00
4) Pyridine-d5	3.687	84	11969m	0.555	ng/ul	0.02
7) Phenol-d5	6.963	99	209843	9.318	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	128916	8.068	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	175618	10.719	ng/ul	0.00
15) 4-Methylphenol-d8	8.498	113	157982	9.436	ng/ul	0.00
21) Nitrobenzene-d5	8.945	128	80913	10.511	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	83084	11.262	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	164128	11.137	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	205144	9.004	ng/ul	0.00
46) Dimethylphthalate-d6	13.833	166	484578	11.195	ng/ul	-0.01
49) Acenaphthylene-d8	14.122	160	543432	10.589	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	53272m	6.181	ng/ul	0.00
60) Fluorene-d10	15.421	176	420925	11.227	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	36748	5.252	ng/ul	0.00
73) Anthracene-d10	17.263	188	634331	10.790	ng/ul	-0.01
81) Pyrene-d10	19.551	212	663434	10.531	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.180	264	560107	8.526	ng/ul	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.210	178	87782	1.252	ng/ul	99
80) Fluoranthene	19.221	202	149941m	2.021	ng/ul	
82) Pyrene	19.580	202	117105	1.418	ng/ul#	95
85) Benzo(a)anthracene	21.374	228	94881	1.221	ng/ul	96
87) Chrysene	21.433	228	101241m	1.336	ng/ul	
90) Benzo(b)fluoranthene	23.444	252	164778	2.087	ng/ul	94

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

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