

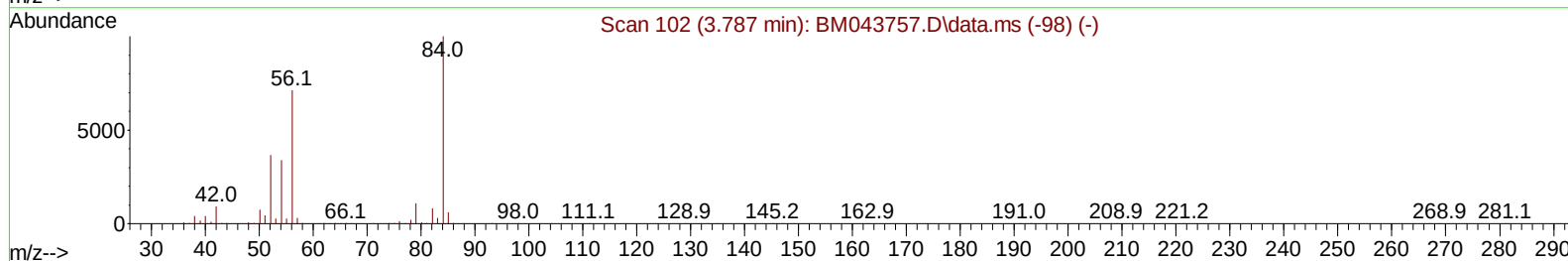
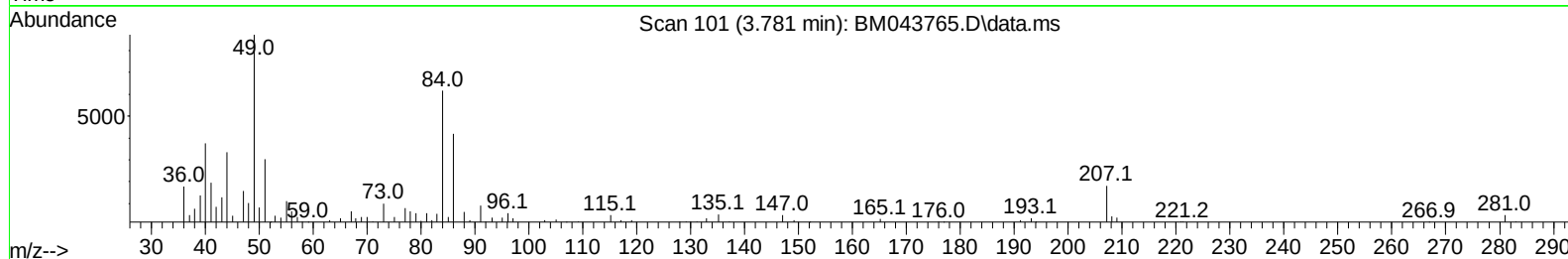
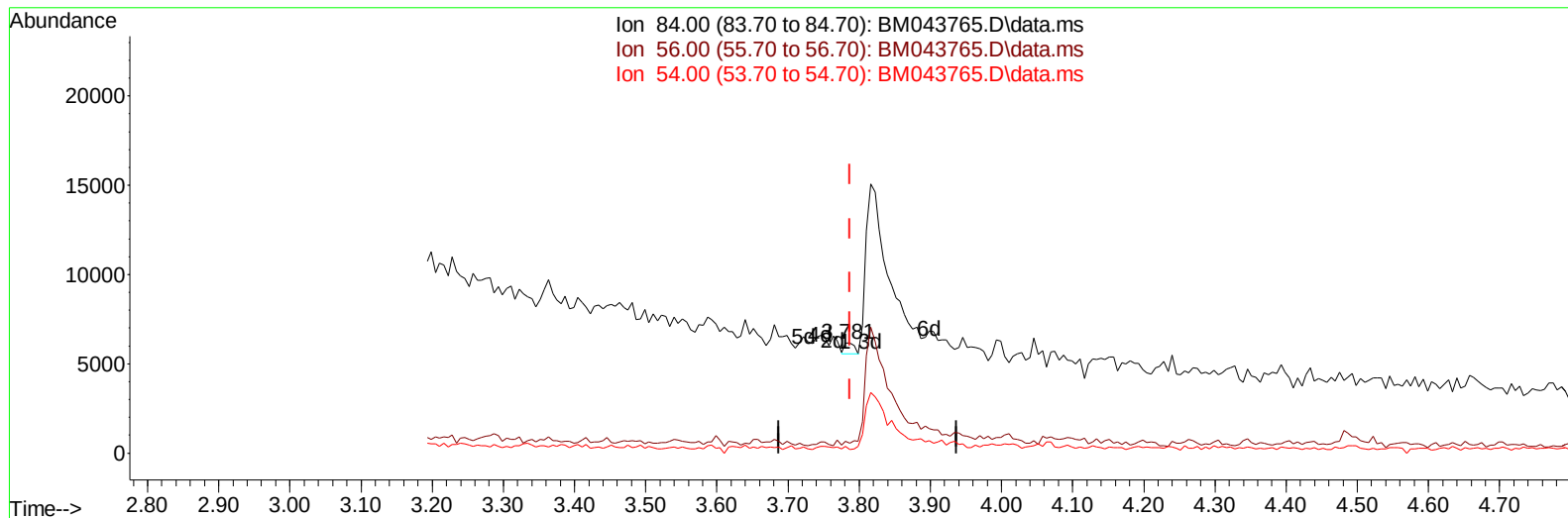
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

Manual IntegrationsAPPROVED

Quant Time: Jan 05 22:00:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/08/2024
Supervised By :mohammad ahmed 01/08/2024



TIC: BM043765.D\data.ms

(4) Pyridine-d5 (S)

3.781min (-0.006) 0.02 ng/u1

response 572

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	69.70	10.55#
54.00	35.00	5.88#
0.00	0.00	0.00

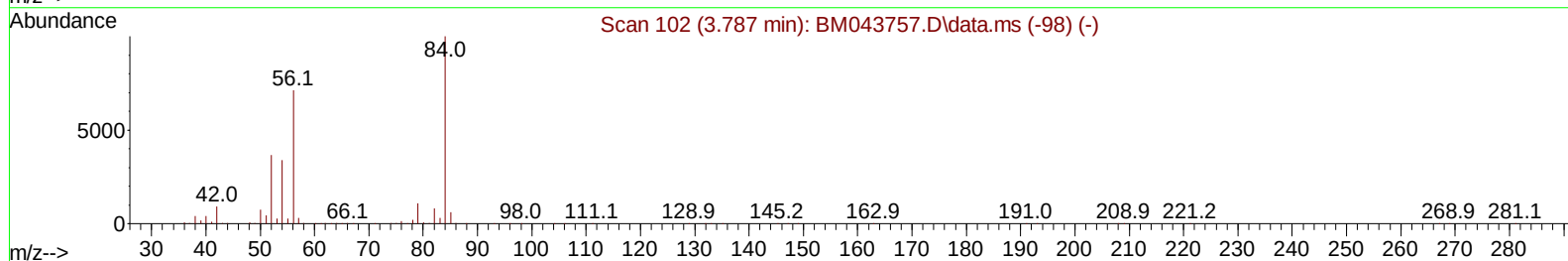
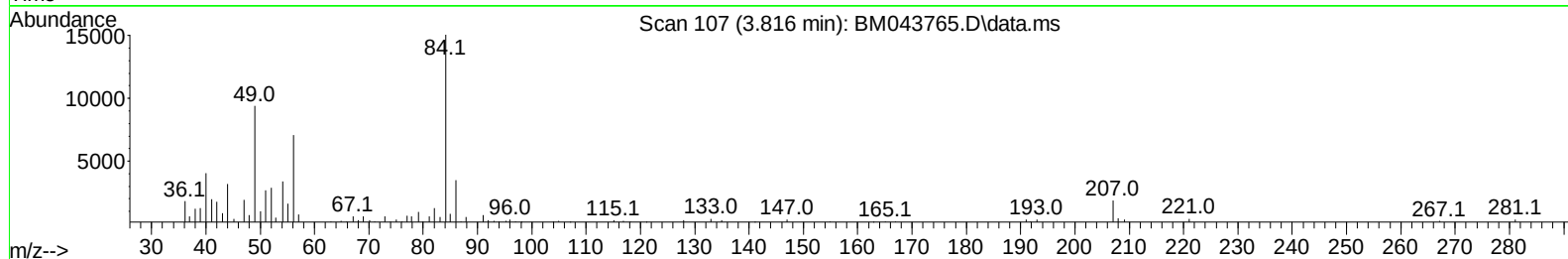
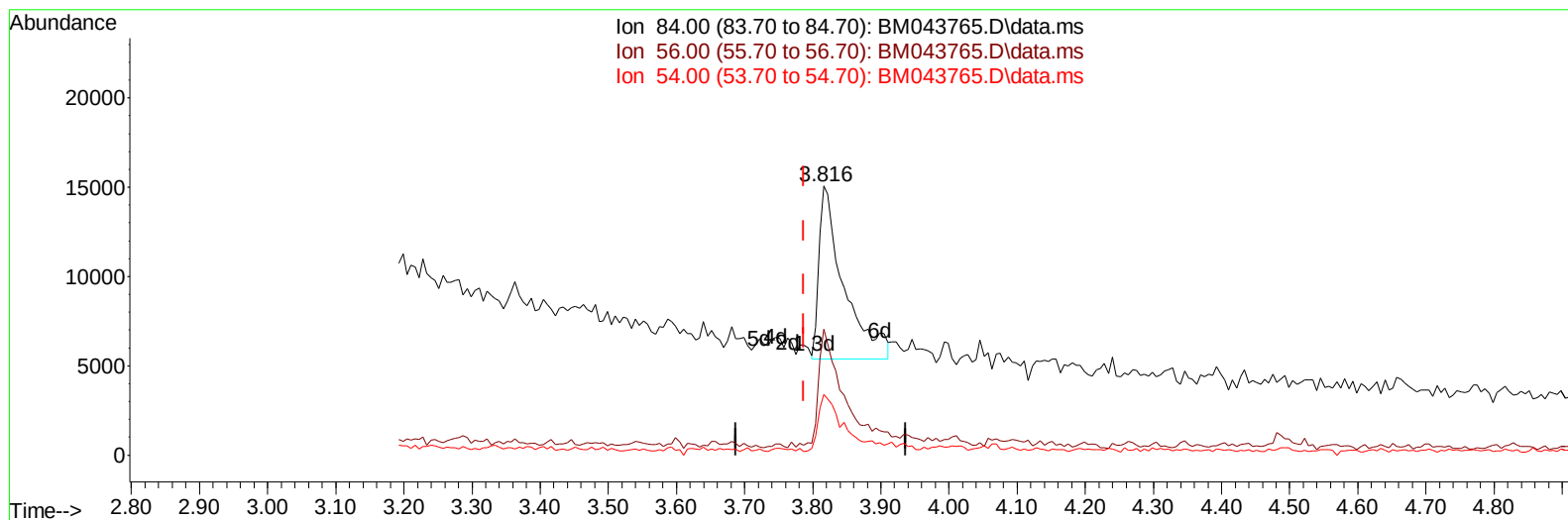
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

Manual IntegrationsAPPROVED

Quant Time: Jan 05 22:00:21 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/08/2024
Supervised By :mohammad ahmed 01/08/2024



TIC: BM043765.D\data.ms

(4) Pyridine-d5 (S)

3.816min (+ 0.029) 0.89 ng/ul m

response 24377

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	69.70	46.88#
54.00	35.00	22.51#
0.00	0.00	0.00

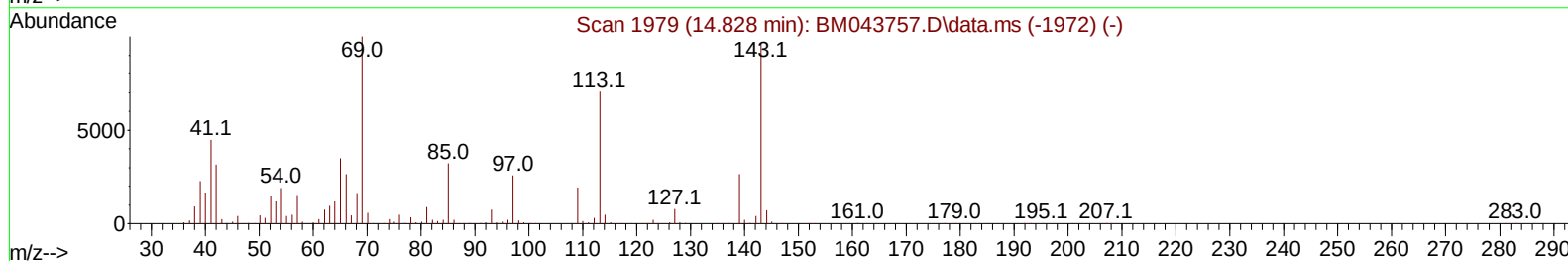
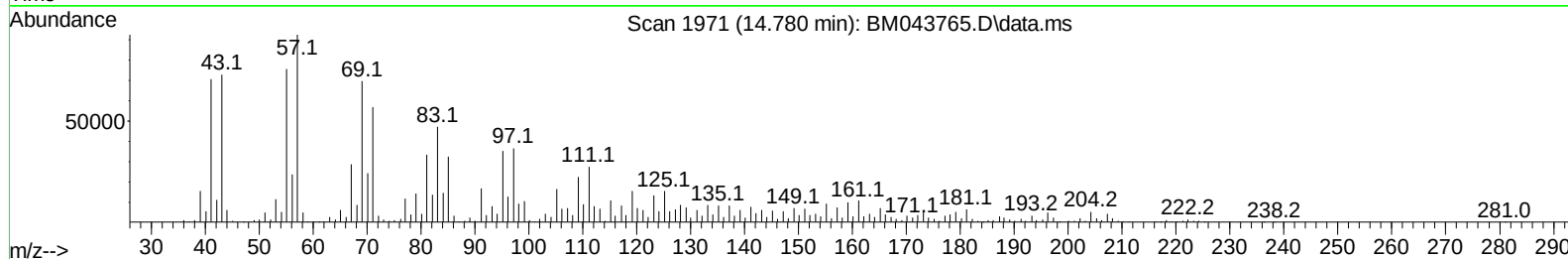
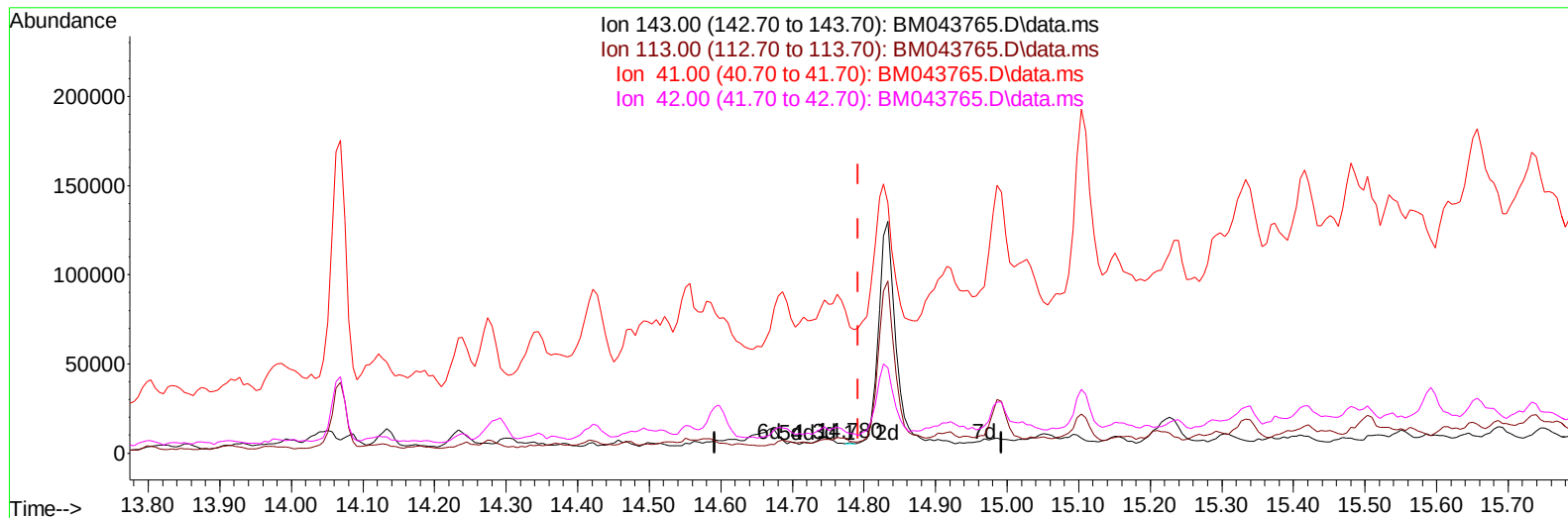
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

Manual IntegrationsAPPROVED

Quant Time: Jan 05 22:02:33 2024
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Supervised By :mohammad ahmed 01/08/2024



TIC: BM043765.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.780min (-0.012) 0.03 ng/u1

response 333

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.00	111.04#
41.00	49.10	1182.17#
42.00	33.20	185.04#

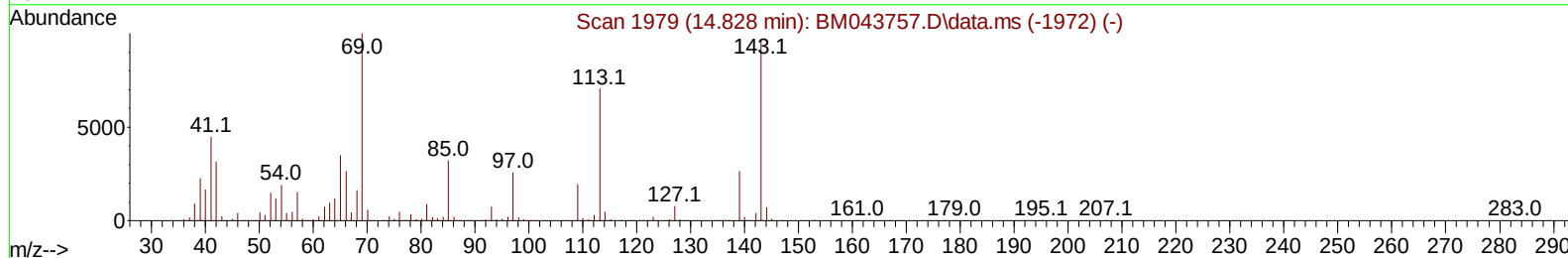
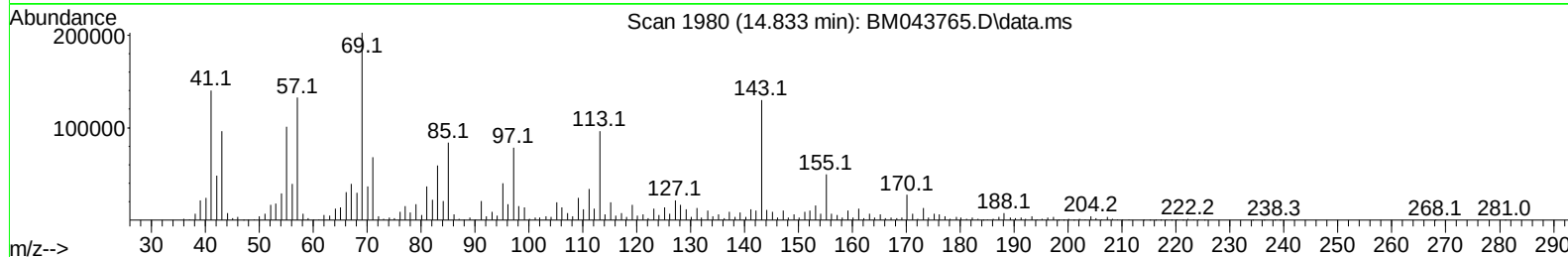
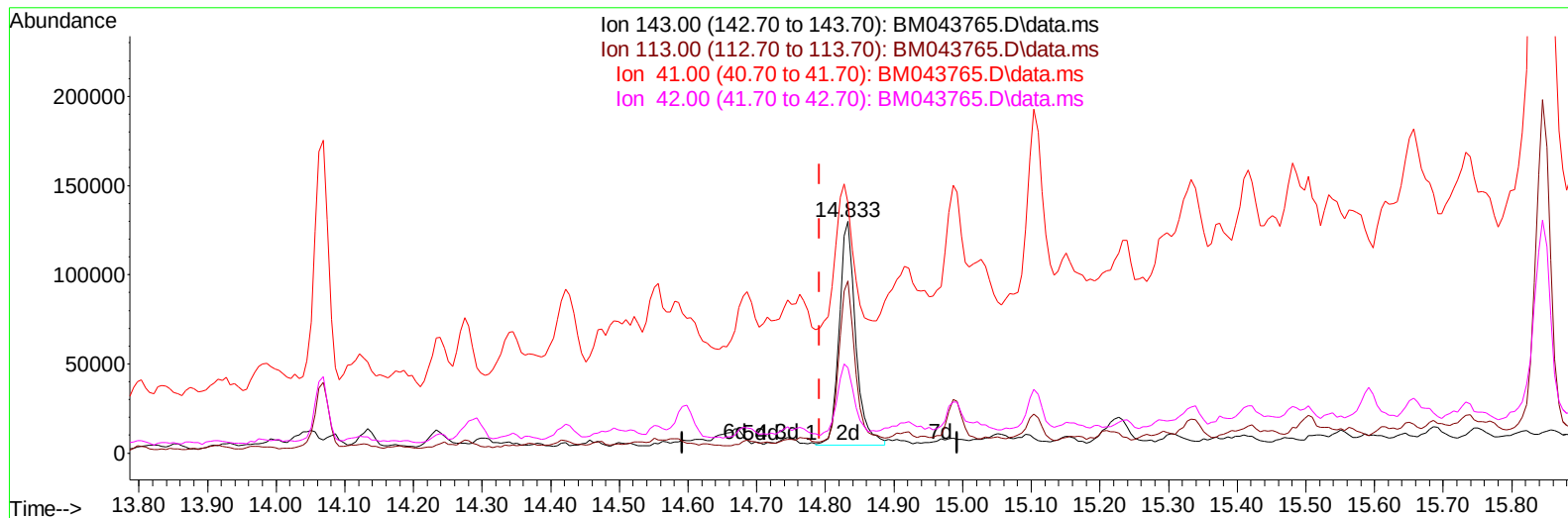
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
 Data File : BM043765.D
 Acq On : 05 Jan 2024 18:02
 Operator : MA/JU
 Sample : 05952-14ME
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF97ME

Manual IntegrationsAPPROVED

Quant Time: Jan 05 22:02:33 2024
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TIC: BM043765.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.833min (+ 0.041) 17.00 ng/ul m

response 210579

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.00	74.36
41.00	49.10	108.17#
42.00	33.20	36.93

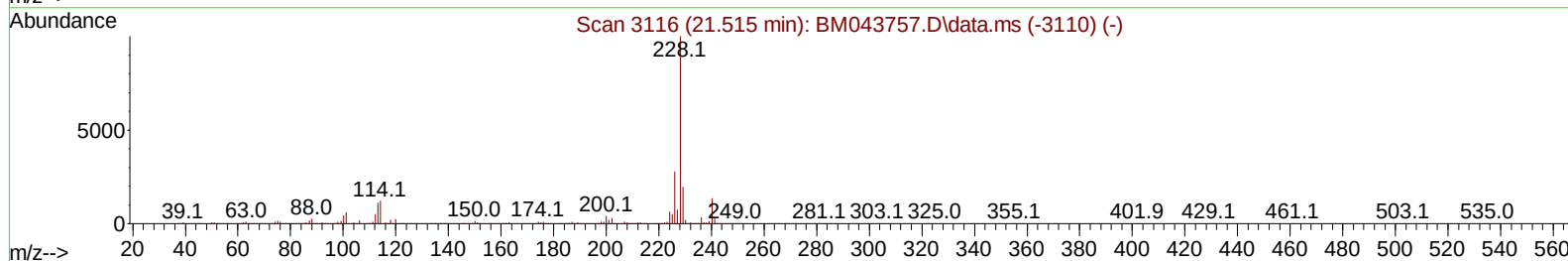
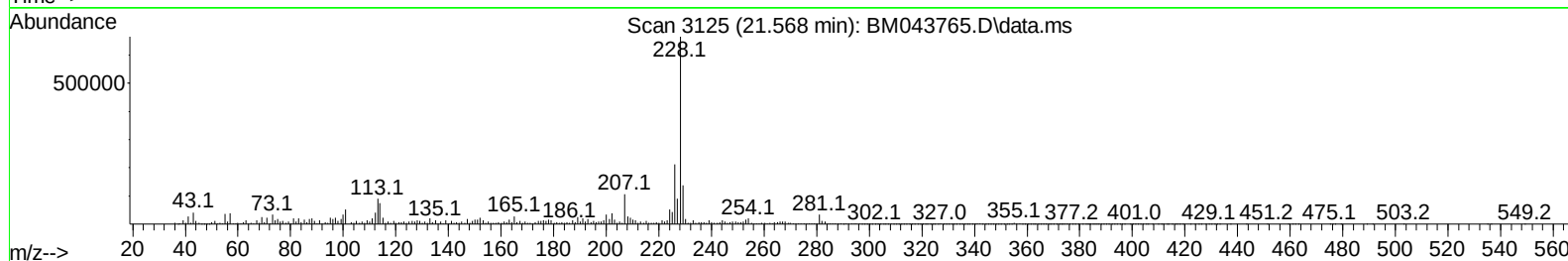
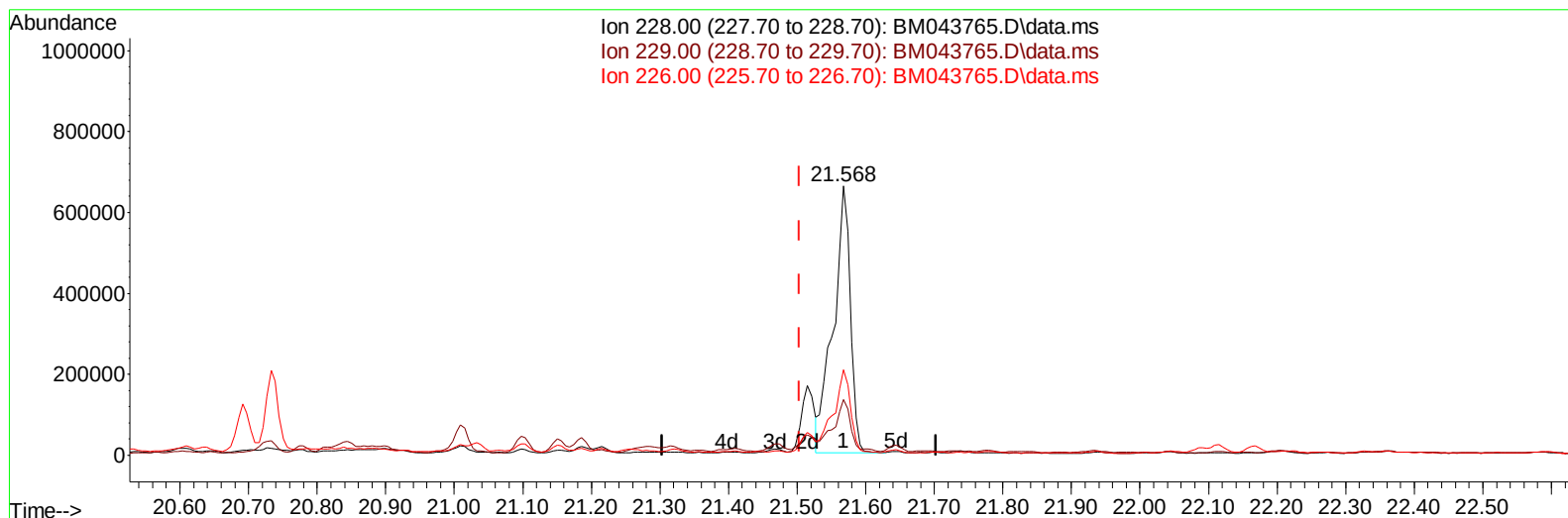
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

Manual IntegrationsAPPROVED

Quant Time: Jan 05 22:03:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
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Reviewed By :Yogesh Patel 01/08/2024
Supervised By :mohammad ahmed 01/08/2024



TIC: BM043765.D\data.ms

(85) Benzo(a)anthracene

21.568min (+ 0.065) 10.07 ng/ul

response 1140050

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.50	20.67
226.00	27.70	31.84
0.00	0.00	0.00

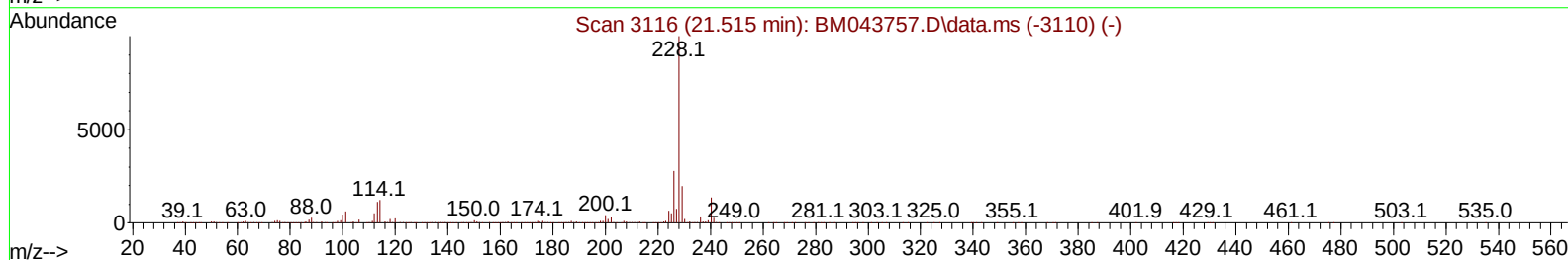
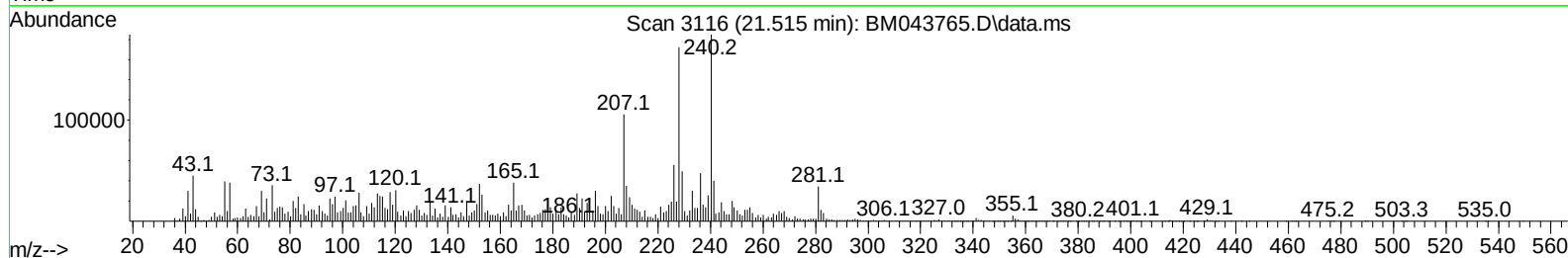
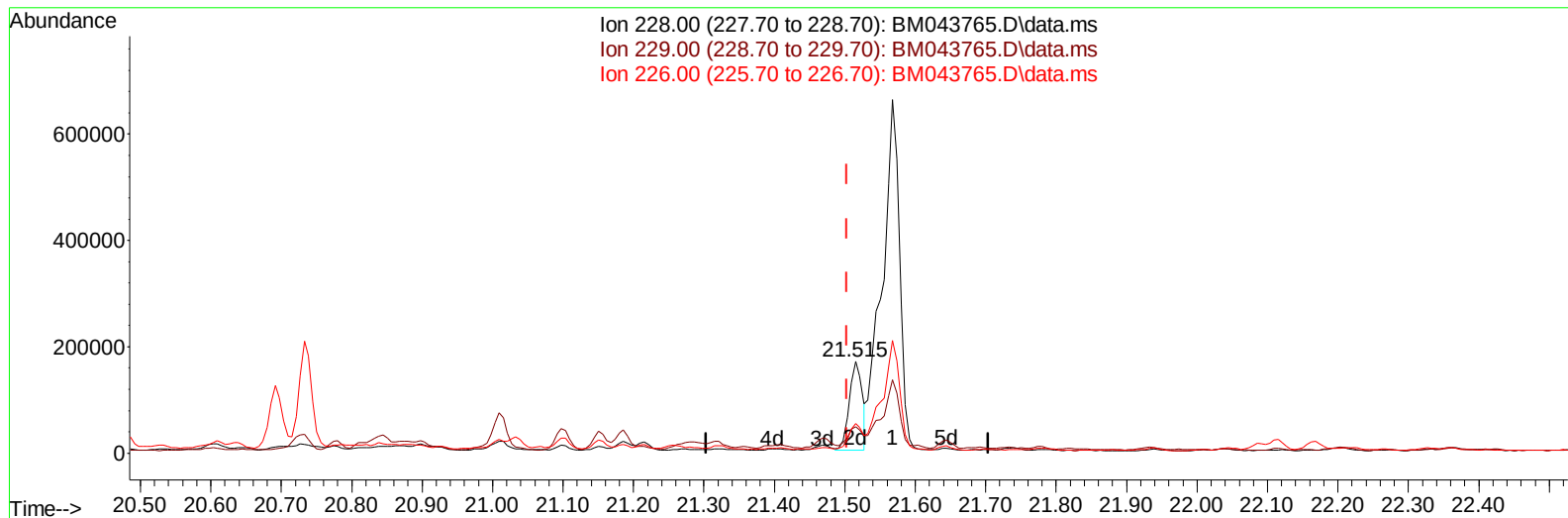
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

Manual IntegrationsAPPROVED

Quant Time: Jan 05 22:03:42 2024
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TIC: BM043765.D\data.ms

(85) Benzo(a)anthracene

21.515min (+ 0.012) 1.87 ng/u l m

response 212221

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.50	28.68#
226.00	27.70	32.55
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : 05952-14ME
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF97ME

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/08/2024
 Supervised By :mohammad ahmed 01/08/2024

Quant Time: Jan 05 22:04:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.951	152		309824	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136		1227478	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164		727051	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.362	188		1448419	20.000	ng/ul	0.02
79) Chrysene-d12	21.533	240		1354471	20.000	ng/ul	0.01
88) Perylene-d12	23.950	264		1496641	20.000	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.357	96		26651	2.796	ng/uL	-0.01
4) Pyridine-d5	3.816	84		24377m	0.888	ng/ul	0.03
7) Phenol-d5	7.128	99		512136	14.531	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.292	67		306740	13.742	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132		406446	15.104	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113		404673	14.796	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128		195525	16.464	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143		221690	18.066	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.392	165		383877	17.722	ng/ul	0.01
31) 4-Chloroaniline-d4	10.922	131		220555	6.921	ng/ul	0.01
46) Dimethylphthalate-d6	14.016	166		1152476	17.609	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160		1426061	18.367	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143		210579m	16.999	ng/ul	0.04
60) Fluorene-d10	15.592	176		1013814	18.732	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200		161683	16.878	ng/ul	0.02
73) Anthracene-d10	17.456	188		1558272	19.183	ng/ul	0.02
81) Pyrene-d10	19.745	212		1729656	16.175	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.791	264		1719562	18.619	ng/ul	0.02
Target Compounds							
							Qvalue
58) 2,3,4,6-Tetrachlorophenol	15.227	232		522204	40.766	ng/ul#	94
71) Pentachlorophenol	17.033	266		19528293	1643.096	ng/ul	98
80) Fluoranthene	19.409	202		788205	5.952	ng/ul	98
82) Pyrene	19.774	202		4141162	30.419	ng/ul	95
85) Benzo(a)anthracene	21.515	228		212221m	1.874	ng/ul	
87) Chrysene	21.568	228		1135935	11.148	ng/ul	98

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

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