

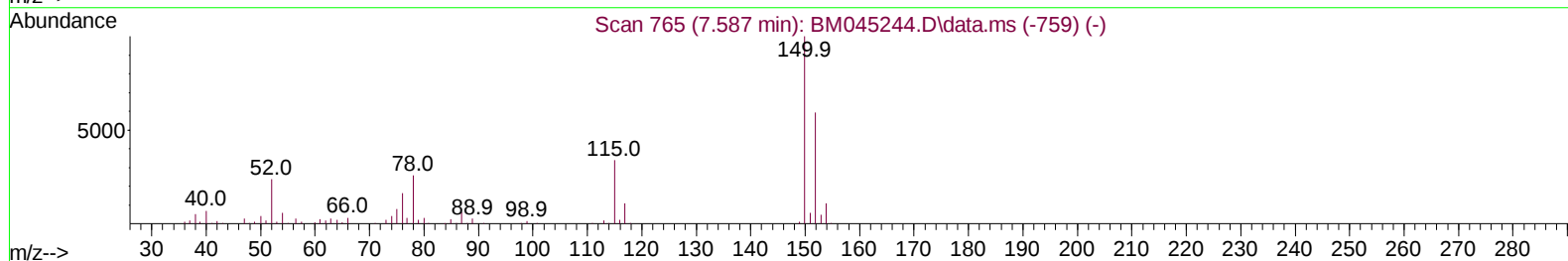
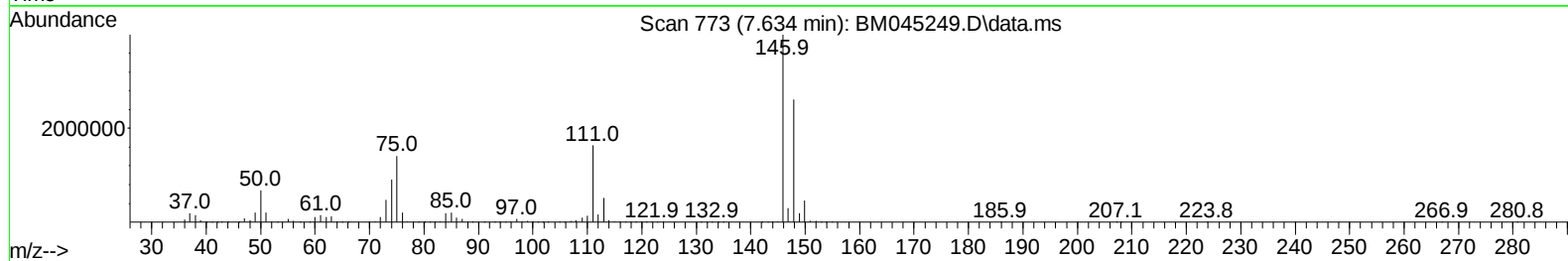
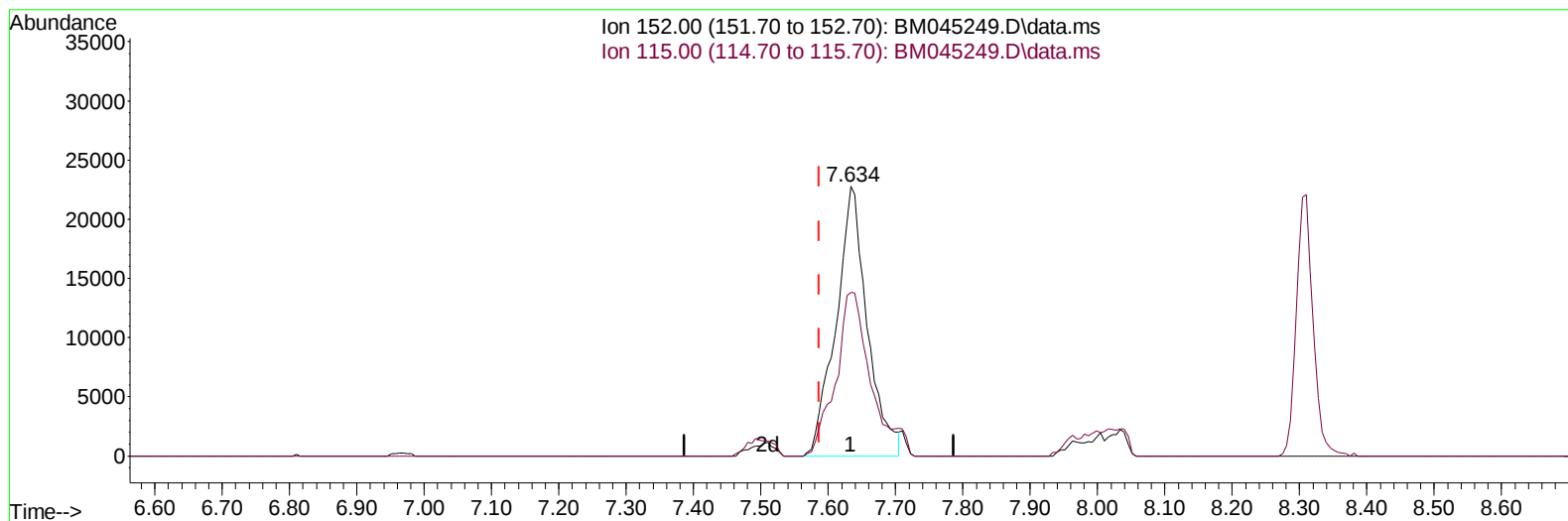
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045249.D
Acq On : 15 Apr 2024 18:06
Operator : MA/JU
Sample : P2051-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CORH9

Manual IntegrationsAPPROVED

Quant Time: Apr 15 19:09:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 16:06:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



TIC: BM045249.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.634min (+ 0.047) 20.00 ng/u1

response 73462

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	55.90	60.66
0.00	0.00	0.00
0.00	0.00	0.00

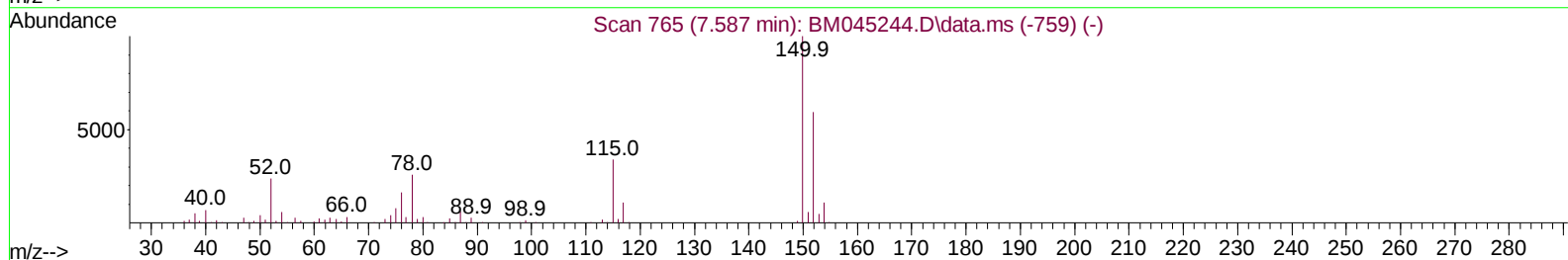
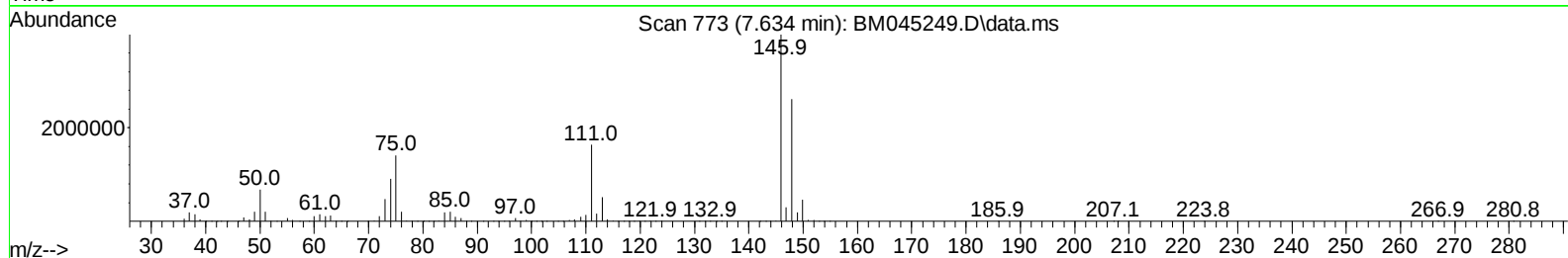
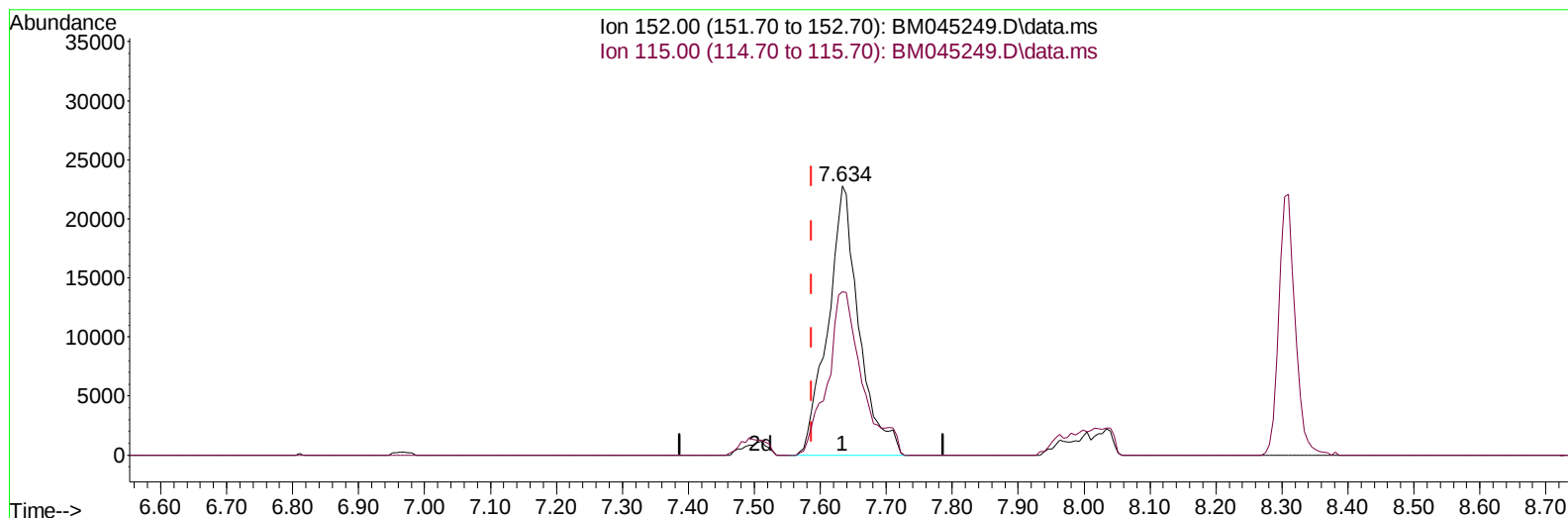
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
 Data File : BM045249.D
 Acq On : 15 Apr 2024 18:06
 Operator : MA/JU
 Sample : P2051-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CORH9

Manual IntegrationsAPPROVED

Quant Time: Apr 15 19:09:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 15 16:06:37 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/17/2024
 Supervised By :mohammad ahmed 04/18/2024



TIC: BM045249.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.634min (+ 0.047) 20.00 ng/ul m

response 74667

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	55.90	60.66
0.00	0.00	0.00
0.00	0.00	0.00

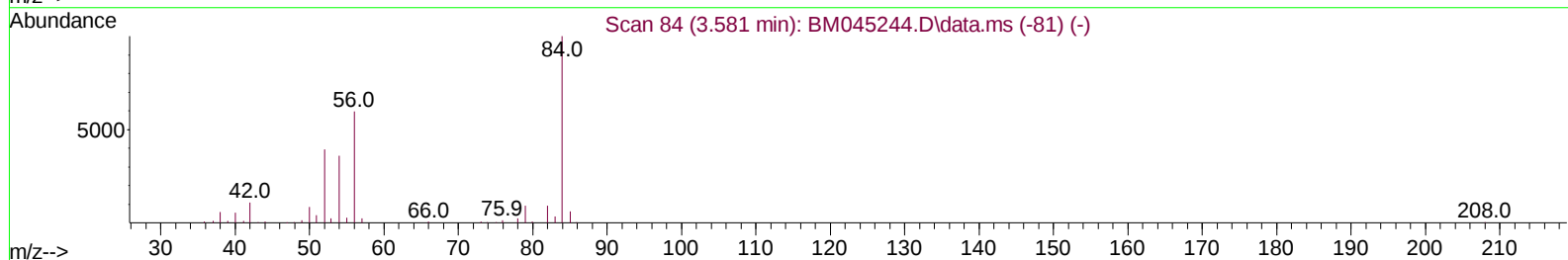
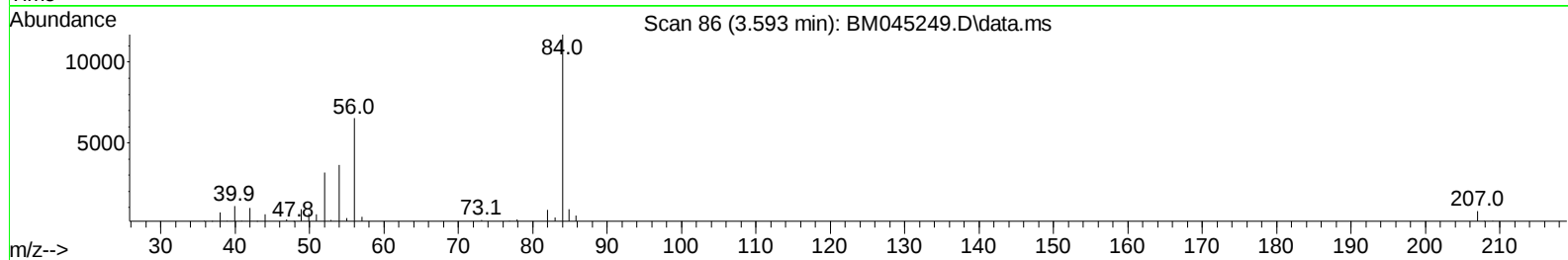
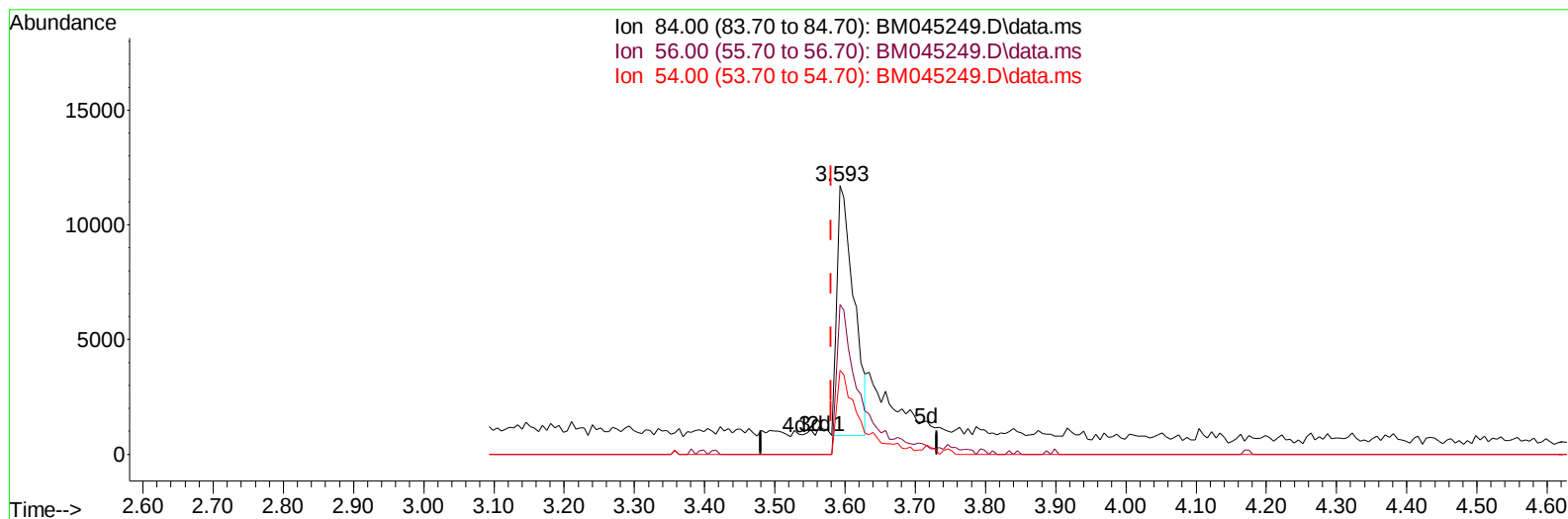
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045249.D
Acq On : 15 Apr 2024 18:06
Operator : MA/JU
Sample : P2051-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0RH9

Manual IntegrationsAPPROVED

Quant Time: Apr 15 19:10:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 16:06:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



TIC: BM045249.D\data.ms

(4) Pyridine-d5 (S)

3.593min (+ 0.012) 3.34 ng/u1

response 18150

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	56.30	55.69
54.00	34.10	31.16
0.00	0.00	0.00

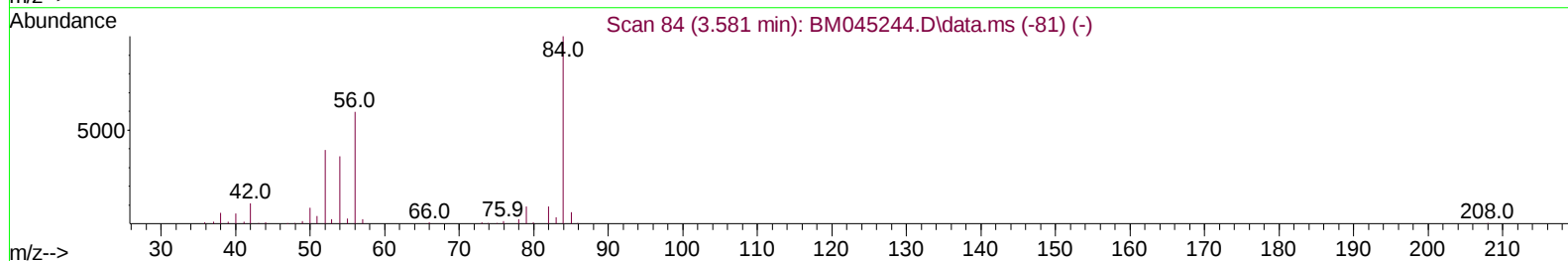
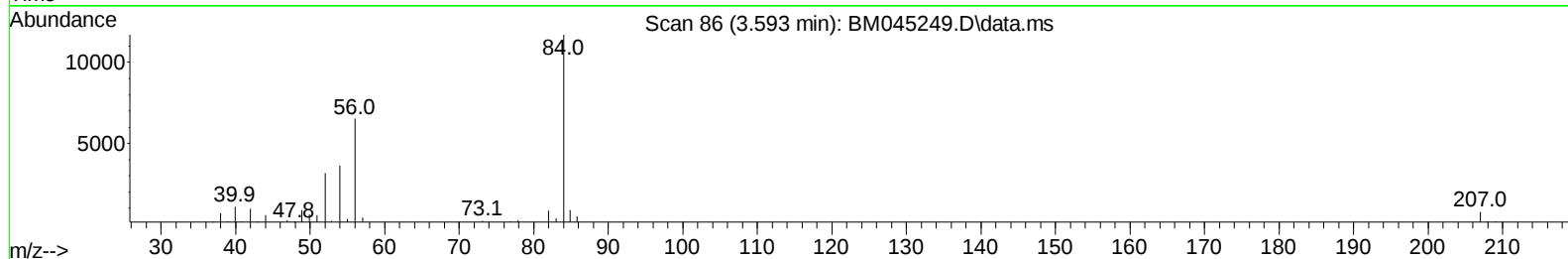
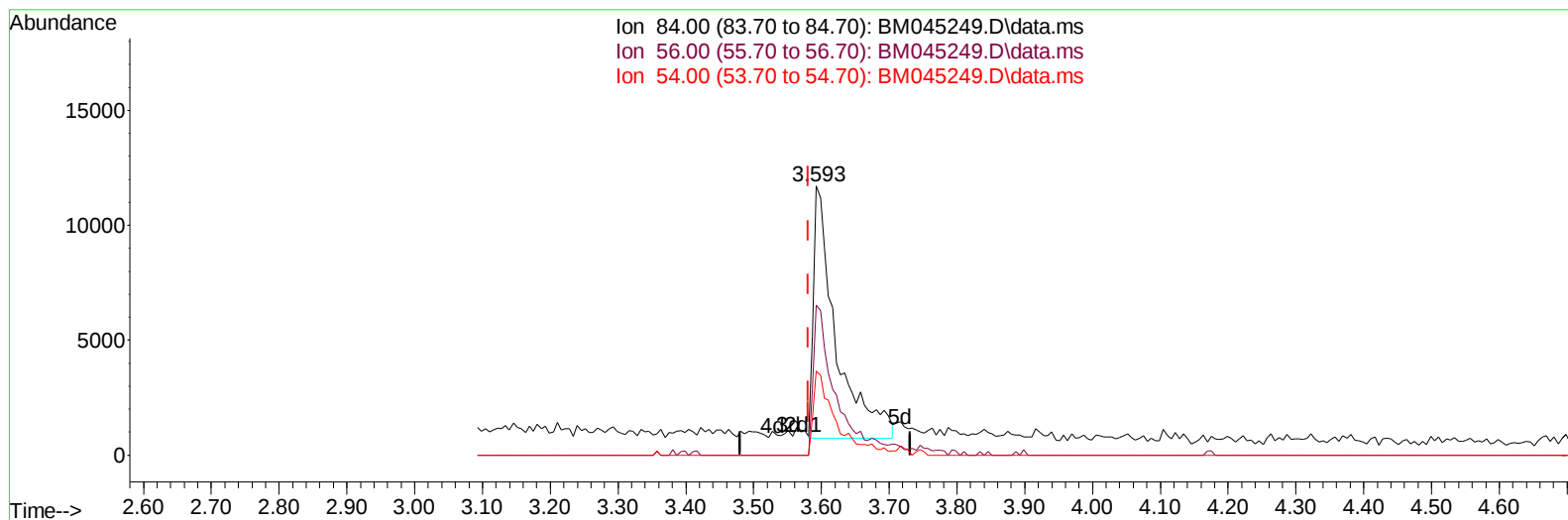
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045249.D
Acq On : 15 Apr 2024 18:06
Operator : MA/JU
Sample : P2051-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CORH9

Manual IntegrationsAPPROVED

Quant Time: Apr 15 19:10:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 16:06:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



TIC: BM045249.D\data.ms

(4) Pyridine-d5 (S)

3.593min (+ 0.012) 4.63 ng/u1 m

response 25163

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	56.30	55.69
54.00	34.10	31.16
0.00	0.00	0.00

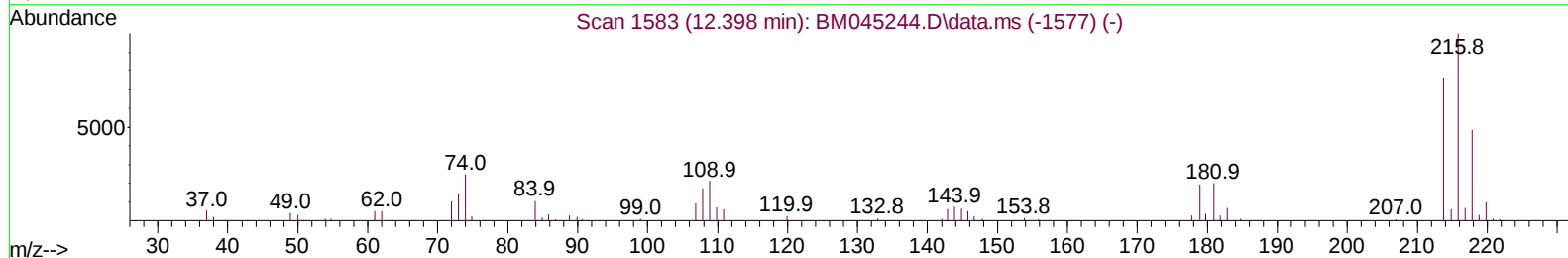
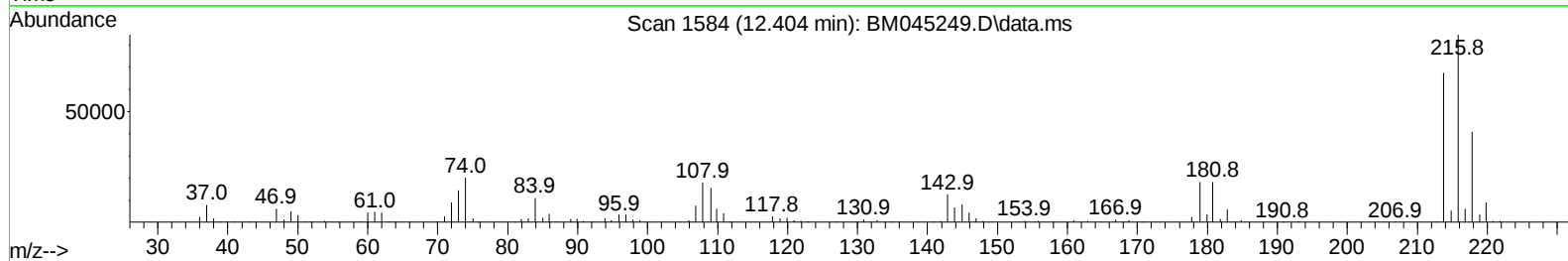
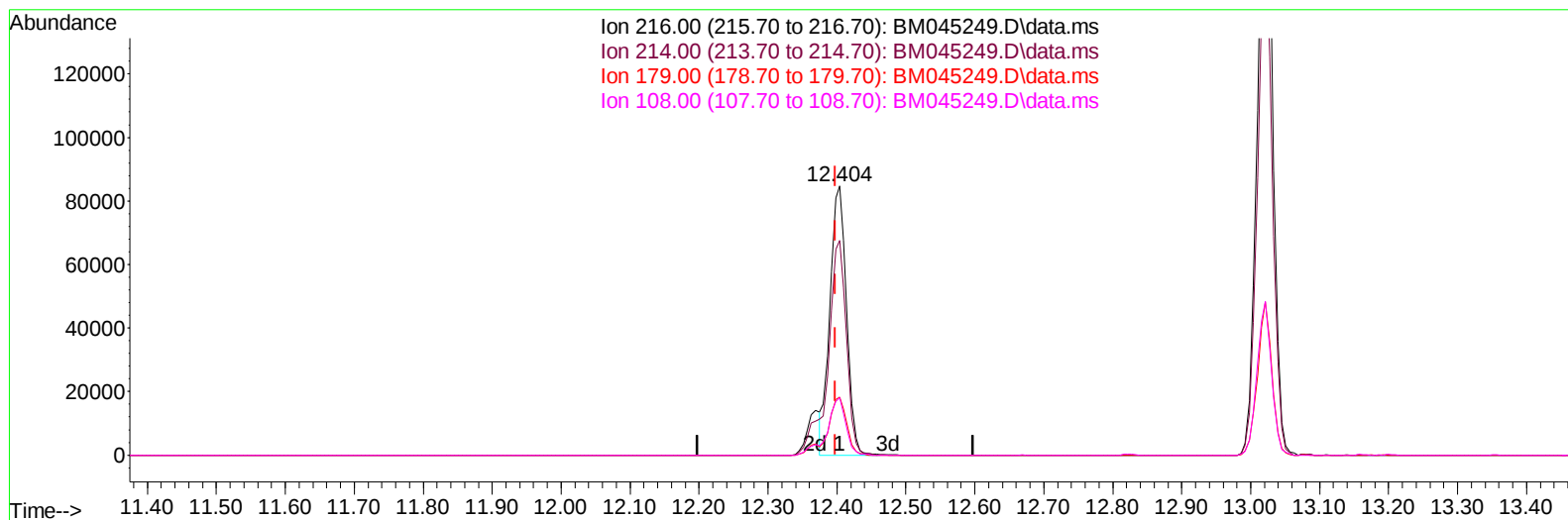
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
 Data File : BM045249.D
 Acq On : 15 Apr 2024 18:06
 Operator : MA/JU
 Sample : P2051-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CORH9

Manual IntegrationsAPPROVED

Quant Time: Apr 15 19:10:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 15 16:06:37 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/17/2024
 Supervised By :mohammad ahmed 04/18/2024



TIC: BM045249.D\data.ms

(39) 1,2,4,5-Tetrachlorobenzene

12.404min (+ 0.006) 42.57 ng/u1

response 141220

Ion	Exp%	Act%
216.00	100.00	100.00
214.00	79.40	79.78
179.00	20.80	21.53
108.00	18.70	21.25

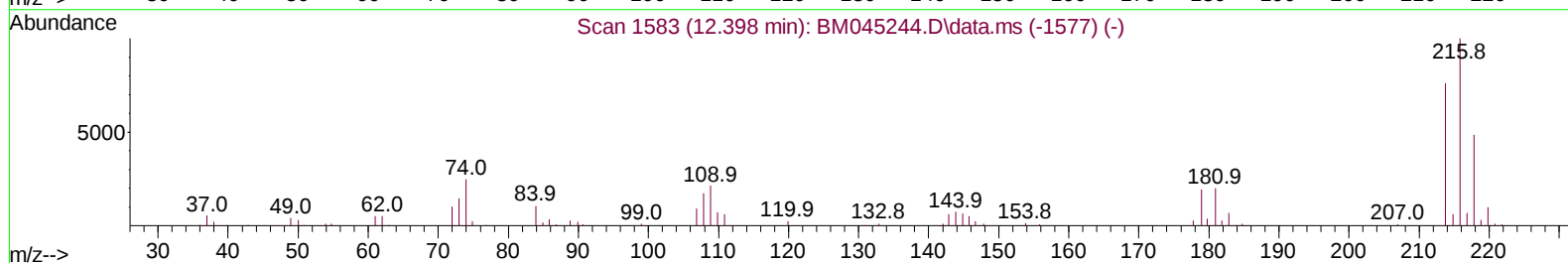
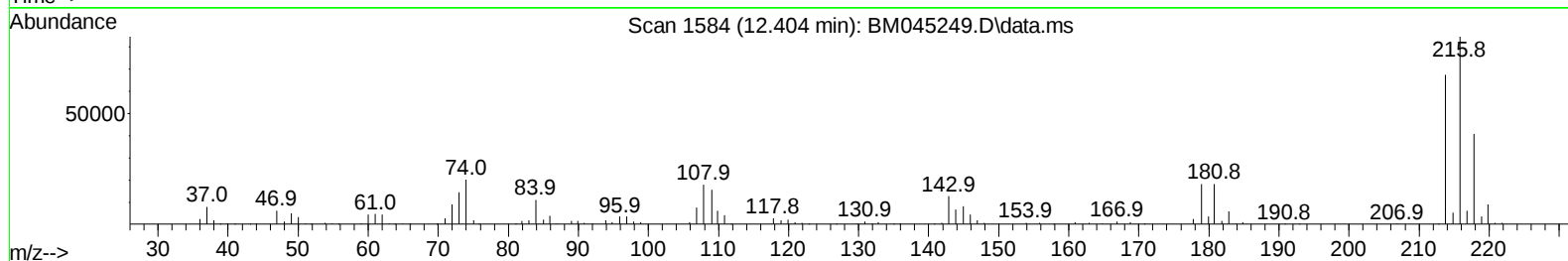
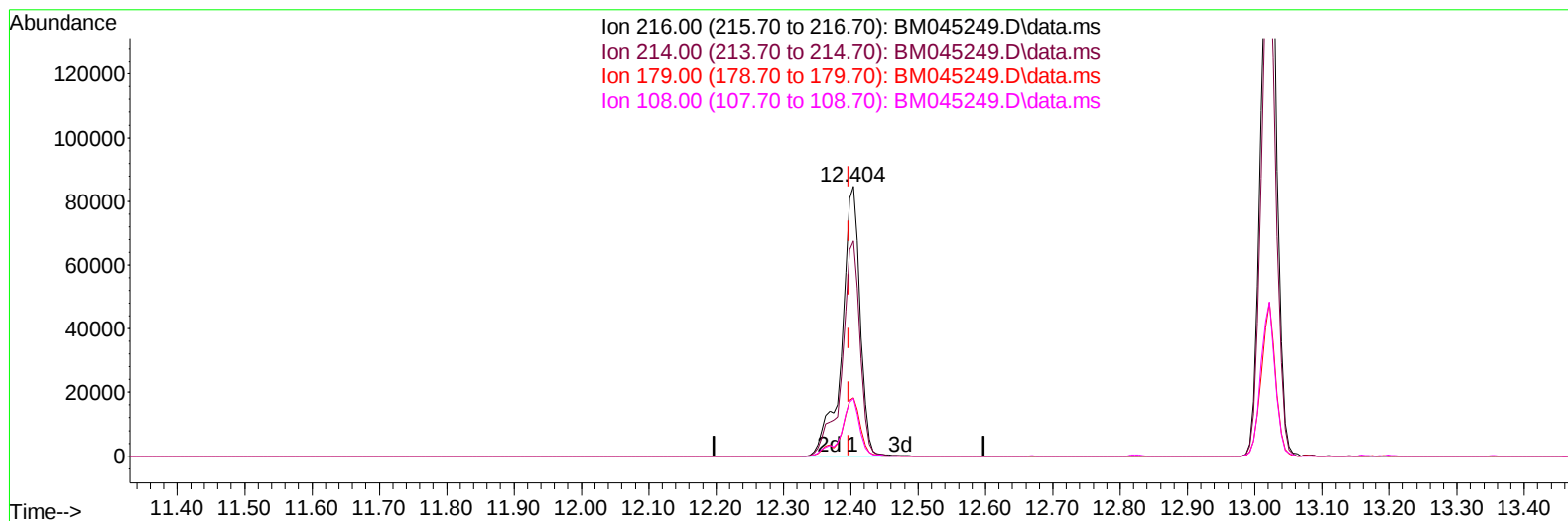
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045249.D
Acq On : 15 Apr 2024 18:06
Operator : MA/JU
Sample : P2051-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CORH9

Manual IntegrationsAPPROVED

Quant Time: Apr 15 19:10:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 16:06:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



TIC: BM045249.D\data.ms

(39) 1,2,4,5-Tetrachlorobenzene

12.404min (+ 0.006) 48.22 ng/ul m

response 159966

Ion	Exp%	Act%
216.00	100.00	100.00
214.00	79.40	79.78
179.00	20.80	21.53
108.00	18.70	21.25

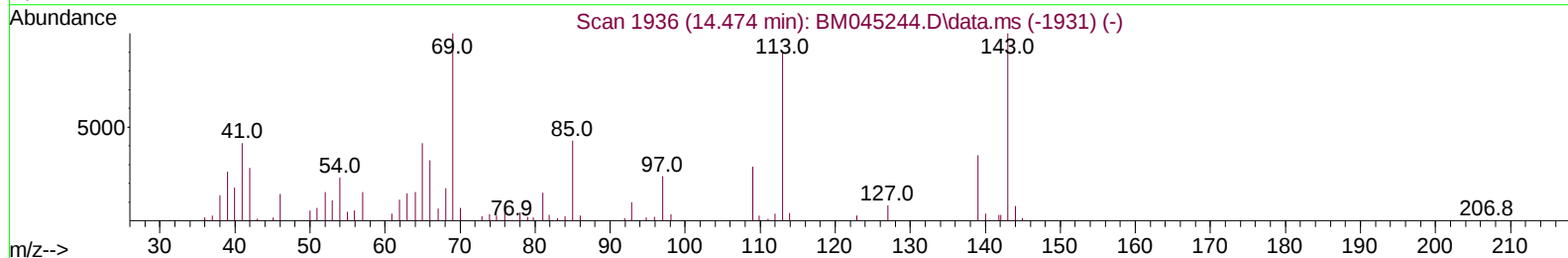
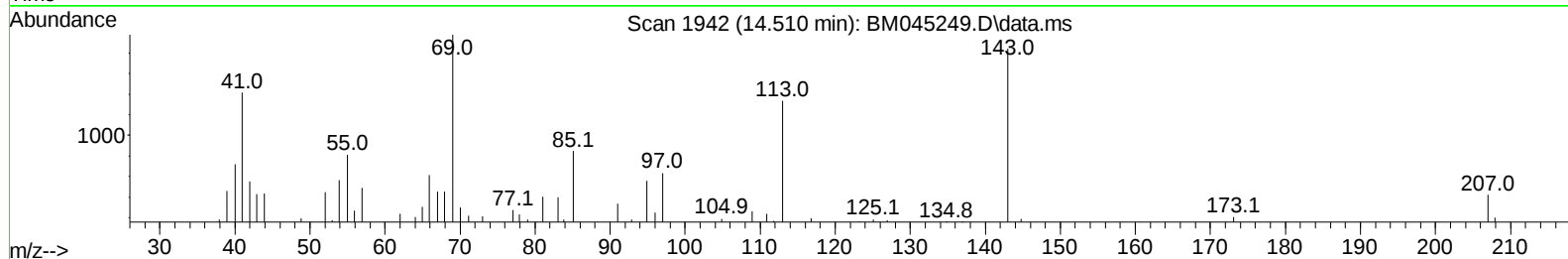
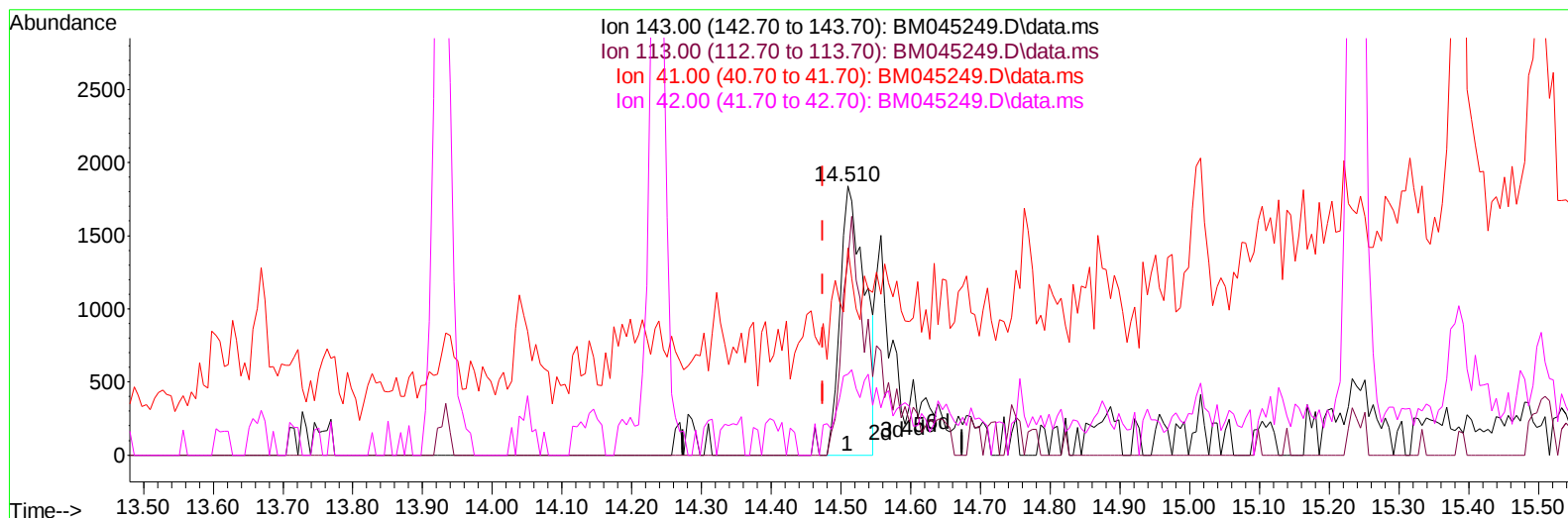
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045249.D
Acq On : 15 Apr 2024 18:06
Operator : MA/JU
Sample : P2051-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CORH9

Manual IntegrationsAPPROVED

Quant Time: Apr 15 19:12:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 16:06:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



TIC: BM045249.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.510min (+ 0.035) 2.54 ng/u1

response 4473

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	78.80	72.59
41.00	36.50	76.89#
42.00	23.30	30.13#

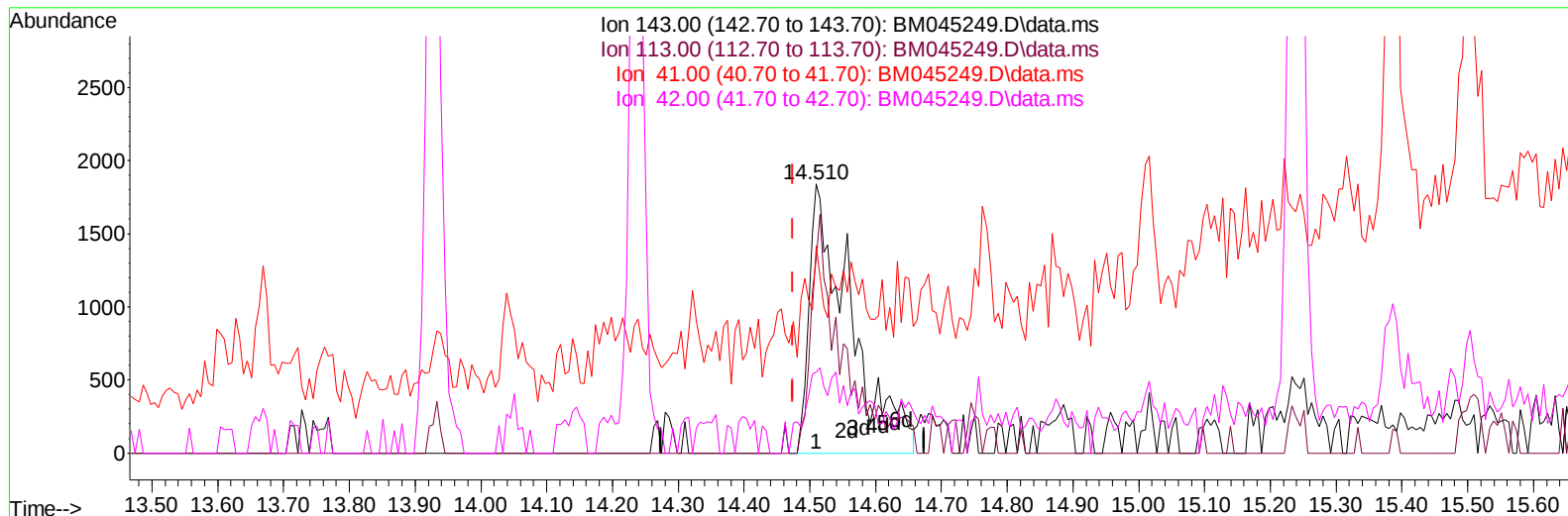
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045249.D
Acq On : 15 Apr 2024 18:06
Operator : MA/JU
Sample : P2051-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CORH9

Manual IntegrationsAPPROVED

Quant Time: Apr 15 19:12:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 16:06:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
 Data File : BM045249.D
 Acq On : 15 Apr 2024 18:06
 Operator : MA/JU
 Sample : P2051-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CORH9

Manual IntegrationsAPPROVED

Quant Time: Apr 15 19:12:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 15 16:06:37 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/17/2024
 Supervised By :mohammad ahmed 04/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	74667m	20.000	ng/ul	0.05
20) Naphthalene-d8	10.381	136	196803	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.239	164	121315	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	248029	20.000	ng/ul	0.00
79) Chrysene-d12	21.209	240	261293	20.000	ng/ul	0.00
88) Perylene-d12	23.415	264	321365	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	4585	2.293	ng/uL	0.00
4) Pyridine-d5	3.593	84	25163m	4.628	ng/ul	0.01
7) Phenol-d5	6.775	99	20600	3.254	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.957	67	129039	34.216	ng/ul	0.01
11) 2-Chlorophenol-d4	7.134	132	80610	16.255	ng/ul	0.01
15) 4-Methylphenol-d8	8.304	113	41986	8.474	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	56837	37.598	ng/ul	0.02
24) 2-Nitrophenol-d4	9.469	143	59012	36.985	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.004	165	90415	30.906	ng/ul	0.02
31) 4-Chloroaniline-d4	10.533	131	126646	27.191	ng/ul	0.01
46) Dimethylphthalate-d6	13.669	166	305090	36.119	ng/ul	0.00
49) Acenaphthylene-d8	13.927	160	354163	35.491	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	7939m	4.503	ng/ul	0.04
60) Fluorene-d10	15.239	176	262868	34.907	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.386	200	39386	26.782	ng/ul	0.00
73) Anthracene-d10	17.098	188	404291	36.234	ng/ul	0.00
81) Pyrene-d10	19.404	212	487659	37.903	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.274	264	594092	37.895	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.216	88	3737	1.790	ng/uL#	84
8) Phenol	6.804	94	34893	5.323	ng/ul	96
22) Nitrobenzene	8.851	77	10481150	2825.971	ng/ul	98
32) 4-Chloroaniline	10.551	127	42904	9.467	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.404	216	159966m	48.215	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.022	216	302329	96.710	ng/uL	100
76) Pentachlorobenzene	14.557	250	7294	2.193	ng/uL	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045249.D
Acq On : 15 Apr 2024 18:06
Operator : MA/JU
Sample : P2051-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0RH9

Manual IntegrationsAPPROVED

Quant Time: Apr 15 19:12:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 16:06:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

