

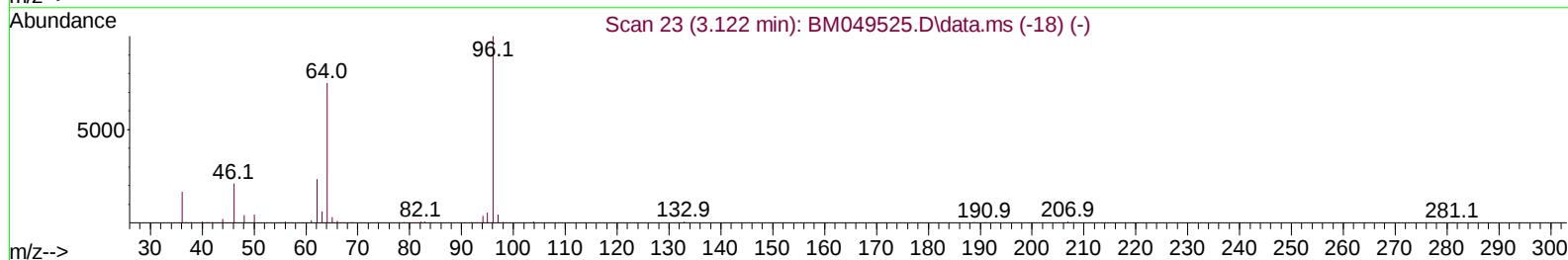
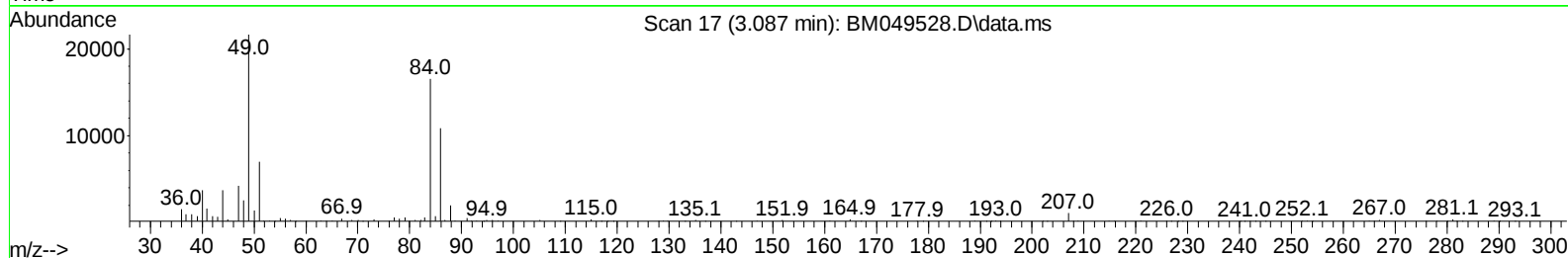
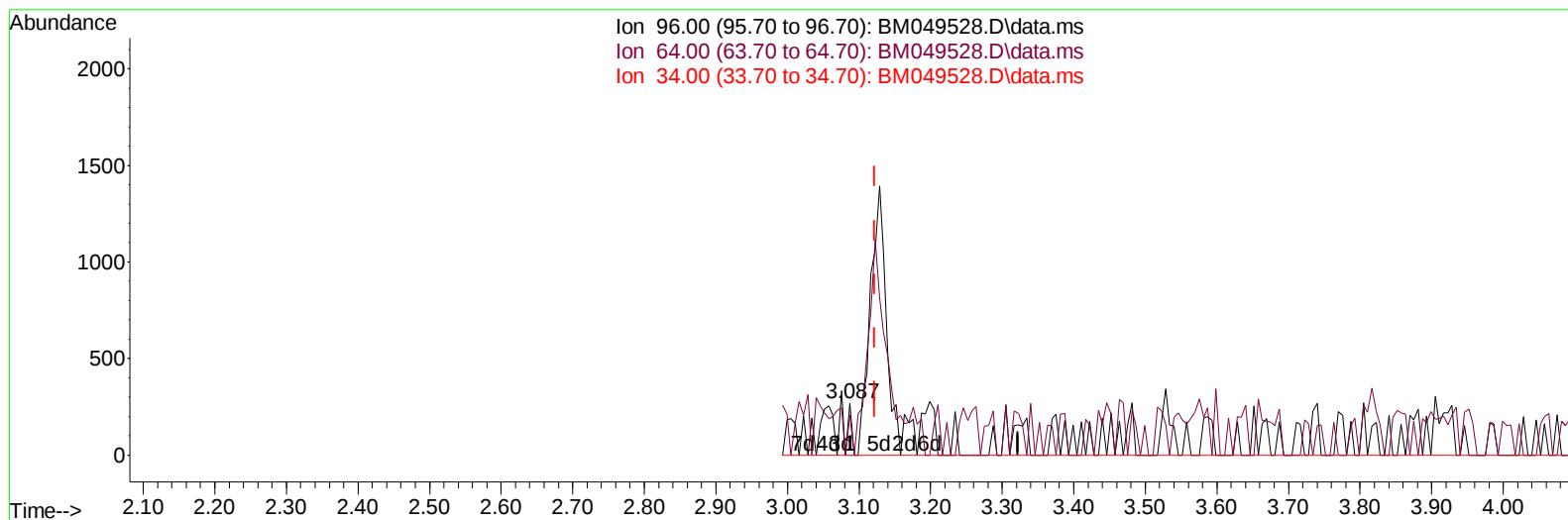
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

Manual IntegrationsAPPROVED

Quant Time: Jan 30 16:12:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049528.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.087min (-0.035) 0.01 ng/uL

response	95	
Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.20	77.24
34.00	0.00	0.00
0.00	0.00	0.00

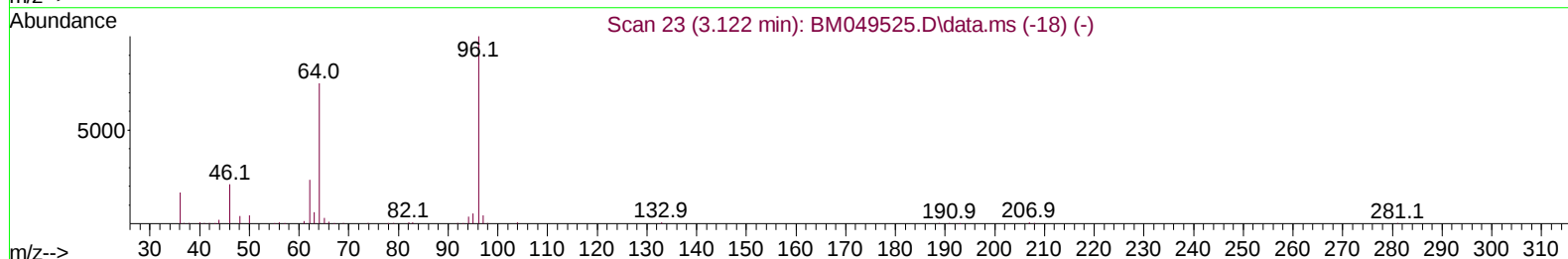
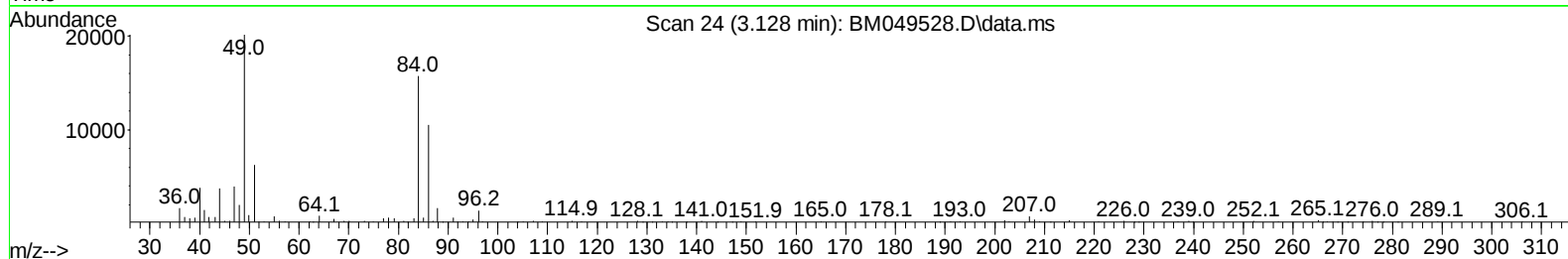
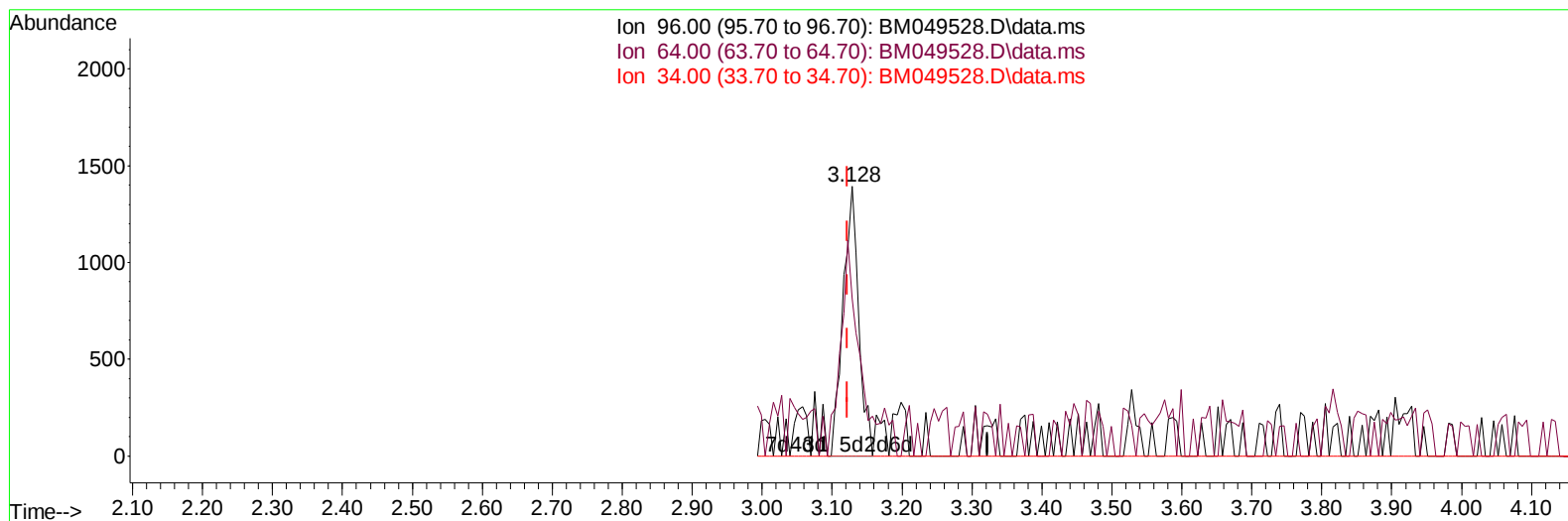
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
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Manual IntegrationsAPPROVED

Quant Time: Jan 30 16:12:56 2025
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Supervised By :mohammad ahmed 02/04/2025



TIC: BM049528.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.128min (+ 0.006) 0.25 ng/uL m

response 2172

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.20	58.48#
34.00	0.00	0.00
0.00	0.00	0.00

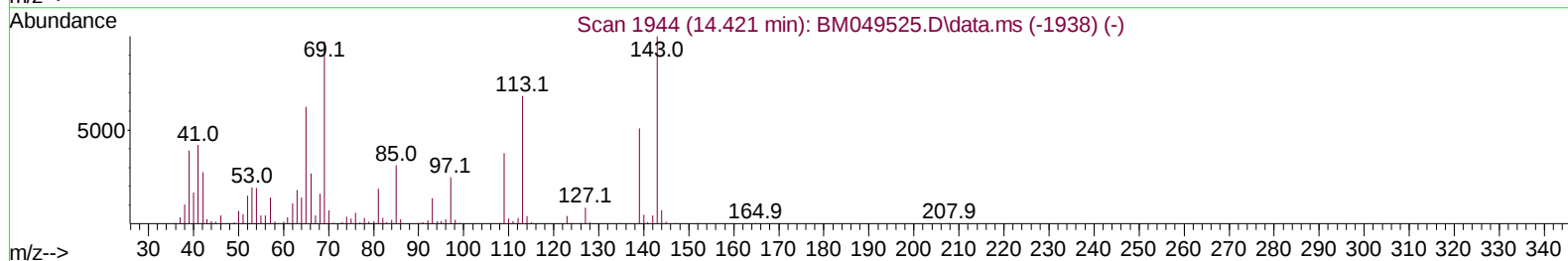
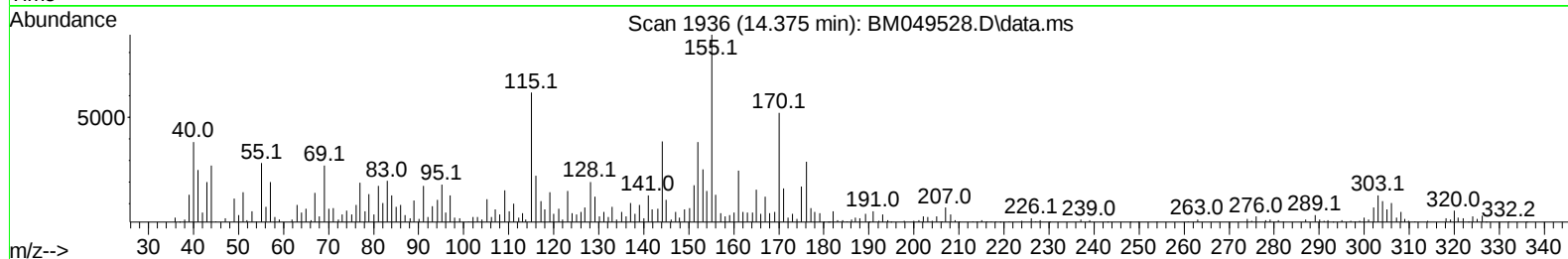
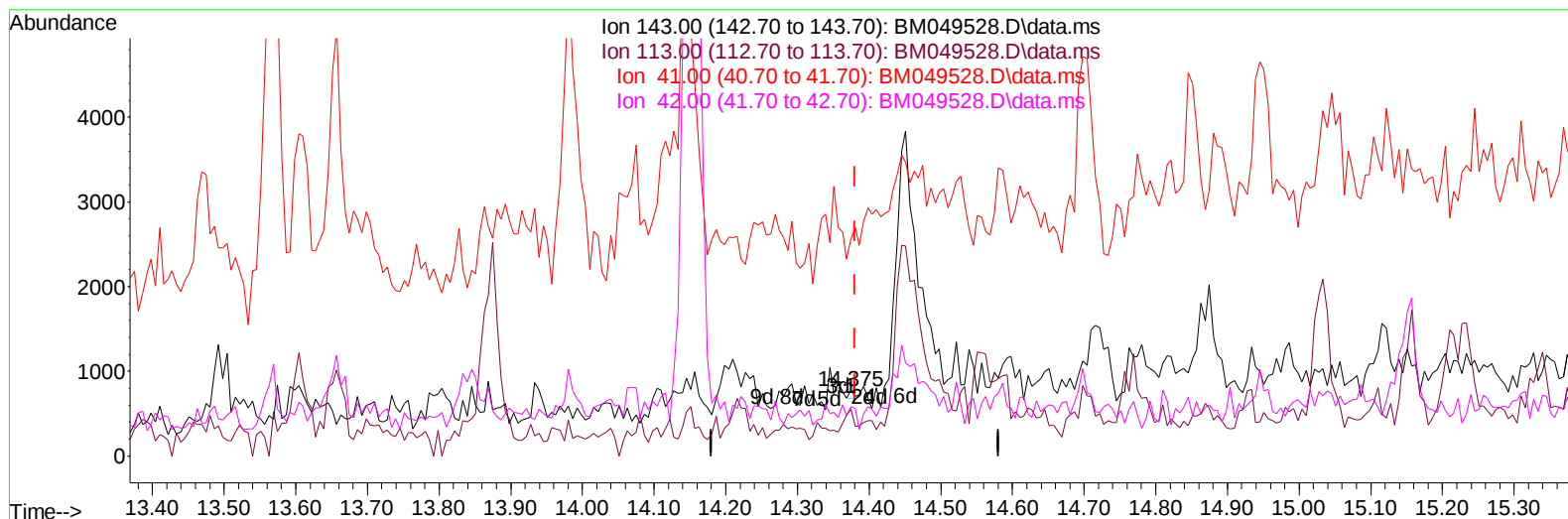
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

Manual IntegrationsAPPROVED

Quant Time: Jan 30 16:12:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BM049528.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.375min (-0.006) 0.00 ng/u1

response 41

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.90	71.10
41.00	42.70	330.19#
42.00	32.00	75.10#

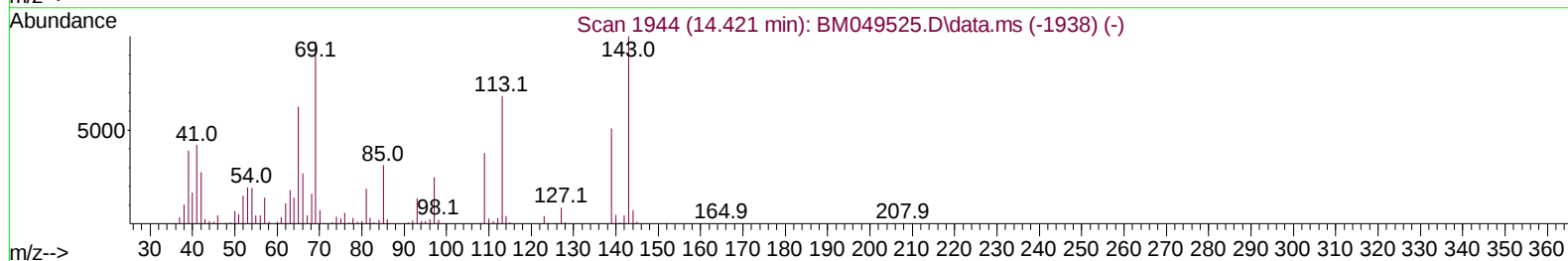
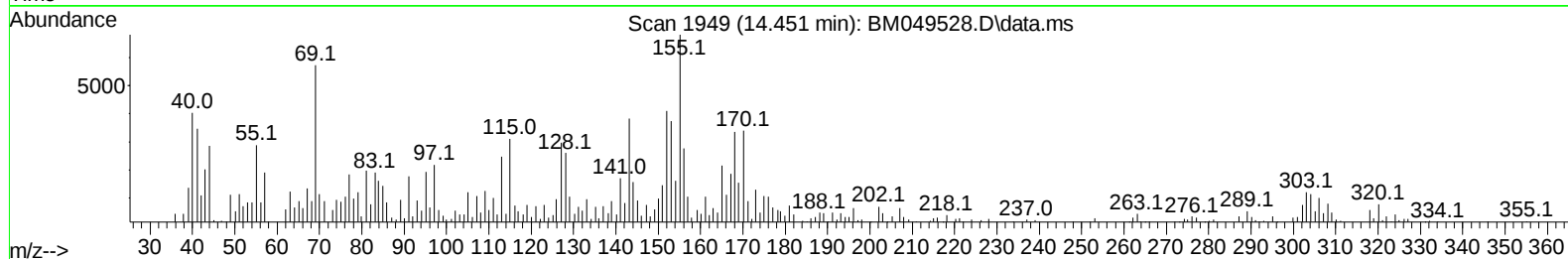
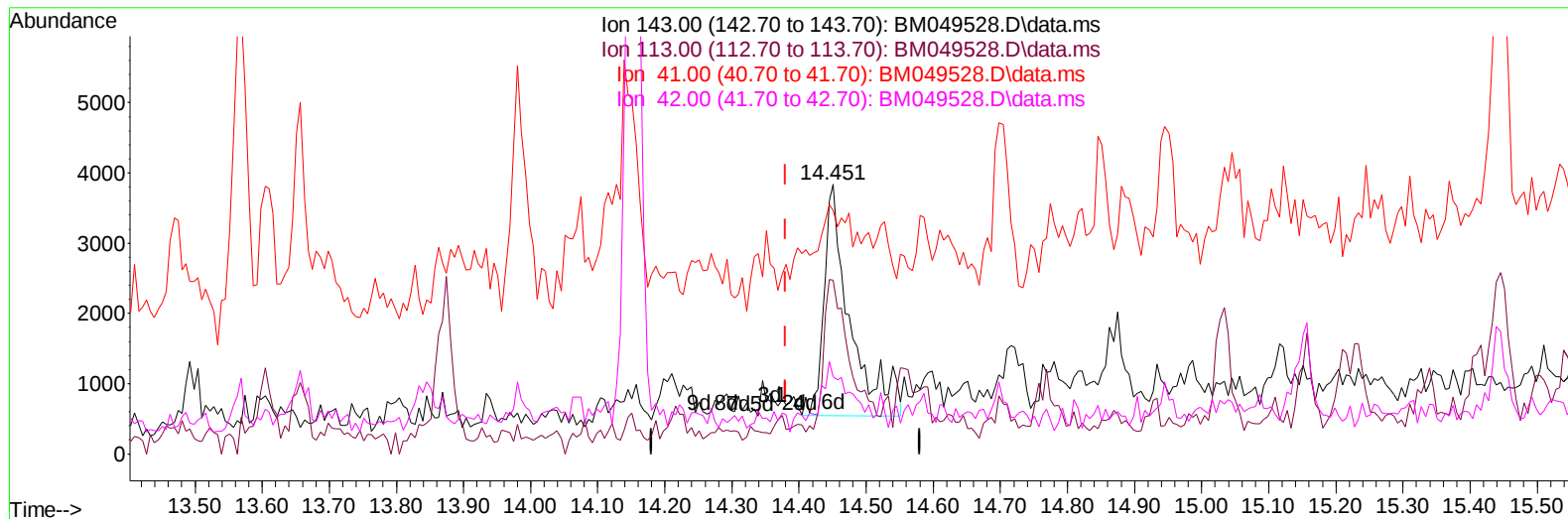
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

Manual IntegrationsAPPROVED

Quant Time: Jan 30 16:12:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
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TIC: BM049528.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.451min (+ 0.071) 0.98 ng/ul m

response 8917

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.90	64.59
41.00	42.70	90.40#
42.00	32.00	28.68

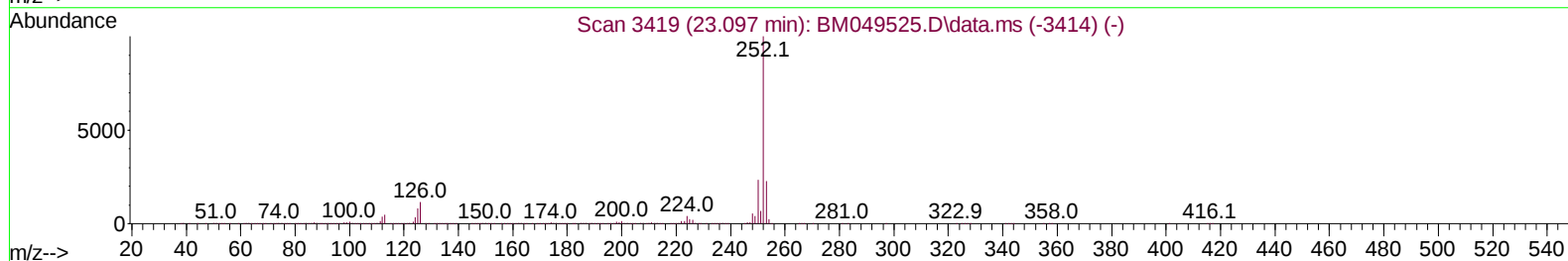
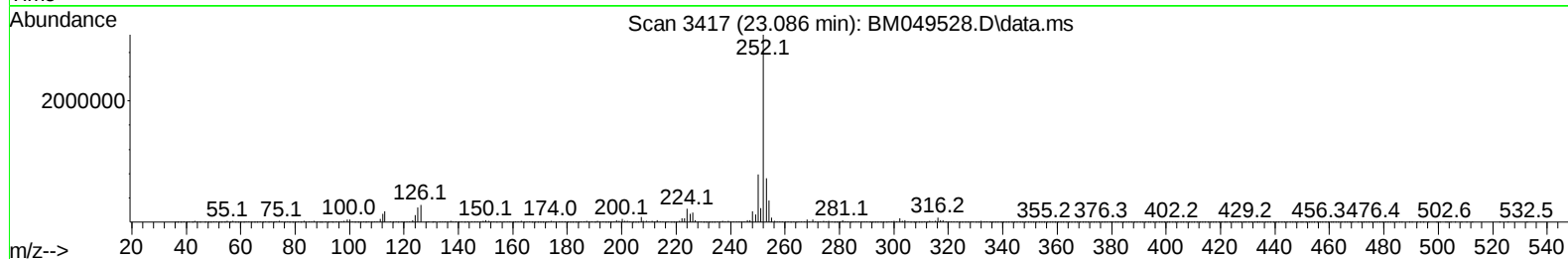
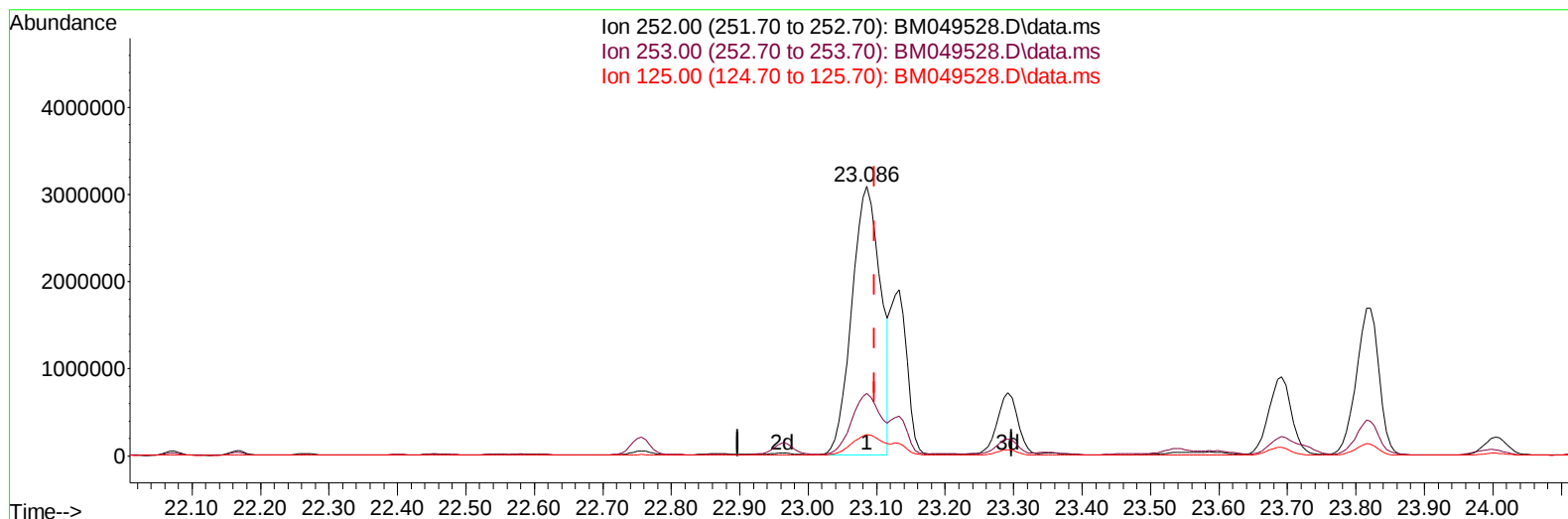
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 30 16:12:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration



TIC: BM049528.D\data.ms

(91) Benzo(k)fluoranthene**23.086min (-0.012) 89.83 ng/u1****response 9016317**

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.29
125.00	8.10	7.90
0.00	0.00	0.00

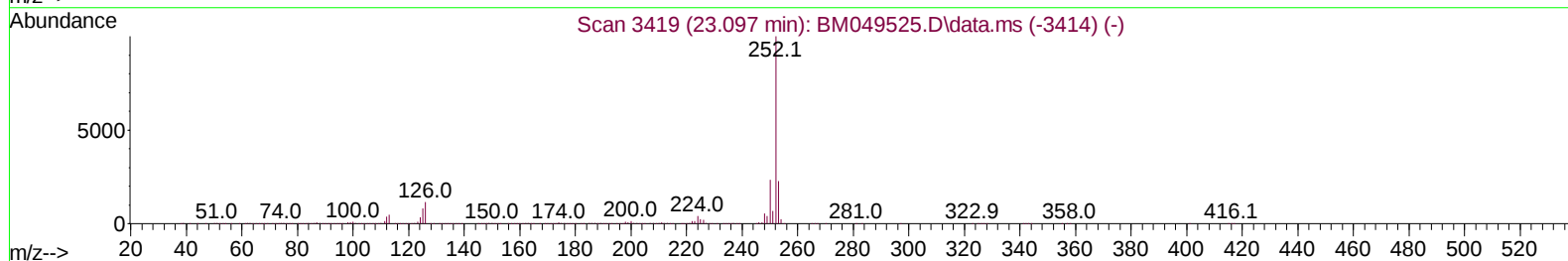
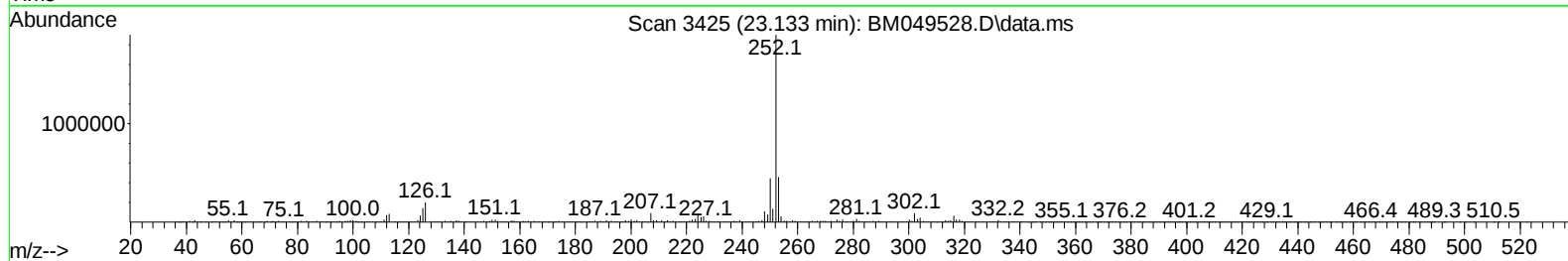
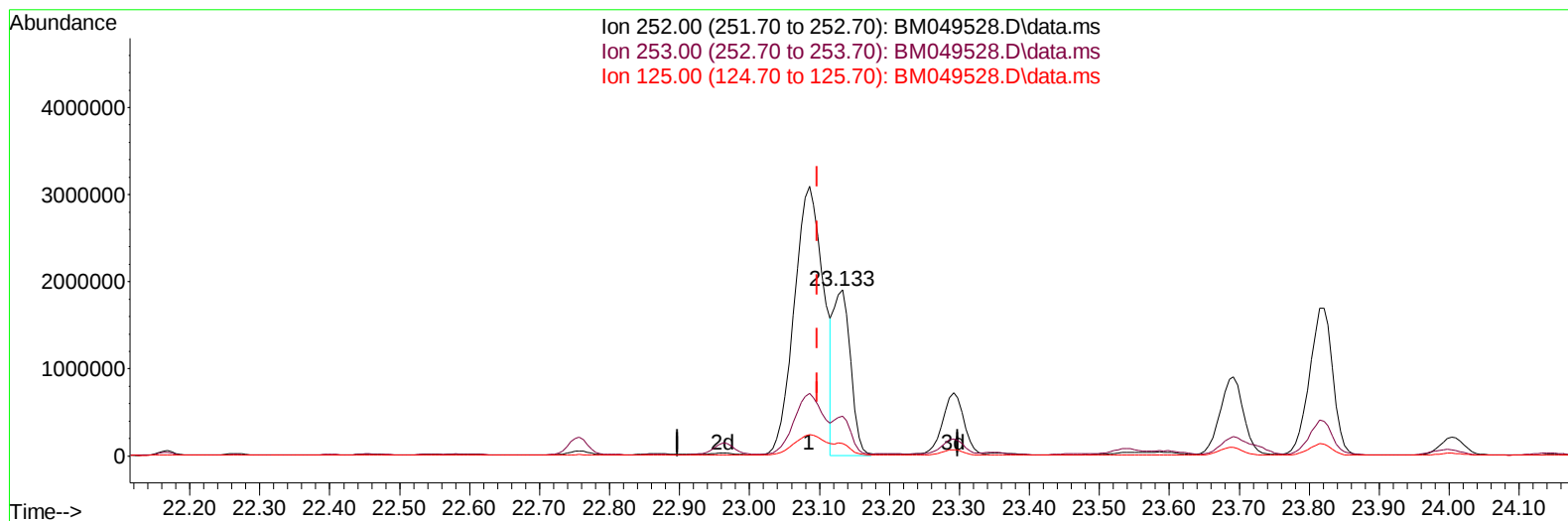
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049528.D
Acq On : 30 Jan 2025 15:41
Operator : RC/JU
Sample : Q1189-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 30 16:12:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration



TIC: BM049528.D\data.ms

(91) Benzo(k)fluoranthene

23.133min (+ 0.035) 31.53 ng/ul m

response 3165109

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	24.12
125.00	8.10	7.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049528.D
 Acq On : 30 Jan 2025 15:41
 Operator : RC/JU
 Sample : Q1189-13DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44R4DL

Manual IntegrationsAPPROVED

Quant Time: Jan 31 09:48:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 28 14:45:18 2025
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/31/2025
 Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.510	152		322860	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136		1180710	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164		756007	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188		1534073	20.000	ng/ul	0.00
79) Chrysene-d12	21.151	240		1366676	20.000	ng/ul	0.02
88) Perylene-d12	23.945	264		1532489	20.000	ng/ul	# 0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.128	96		2172m	0.249	ng/uL	0.00
4) Pyridine-d5	3.528	84		9004	0.352	ng/ul	0.02
7) Phenol-d5	6.734	99		38084	1.454	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.863	67		21557	1.203	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132		31582	1.558	ng/ul	0.01
15) 4-Methylphenol-d8	8.246	113		29769	1.551	ng/ul	0.02
21) Nitrobenzene-d5	8.657	128		14293	1.582	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143		14488	1.470	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.928	165		30276	1.506	ng/ul	0.02
31) 4-Chloroaniline-d4	10.434	131		6526	0.253	ng/ul	0.01
46) Dimethylphthalate-d6	13.575	166		90587	1.634	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160		102864	1.579	ng/ul	0.00
54) 4-Nitrophenol-d4	14.451	143		8917m	0.981	ng/ul	0.07
60) Fluorene-d10	15.157	176		82587	1.694	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200		0d	0.000	ng/ul	
73) Anthracene-d10	17.010	188		136443	1.781	ng/ul	0.00
81) Pyrene-d10	19.315	212		124217	1.555	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.750	264		88277	1.080	ng/ul	0.02
Target Compounds							
						Qvalue	
16) Acetophenone	8.328	105		56928	1.783	ng/ul	97
50) Acenaphthylene	13.875	152		1064649	15.911	ng/ul	99
52) Acenaphthene	14.222	153		73333	1.535	ng/ul	97
61) Fluorene	15.216	166		70163	1.275	ng/ul#	88
72) Phenanthrene	16.951	178		843165	9.764	ng/ul	99
74) Anthracene	17.045	178		1252804	14.403	ng/ul	99
77) Carbazole	17.321	167		137867	1.773	ng/ul	95
80) Fluoranthene	18.986	202		8321113	91.188	ng/ul	98
82) Pyrene	19.351	202		8710656	88.717	ng/ul	98
85) Benzo(a)anthracene	21.133	228		5510903	57.403	ng/ul	94
87) Chrysene	21.192	228		5392709	60.486	ng/ul	97
90) Benzo(b)fluoranthene	23.086	252		9016317	90.768	ng/ul	98
91) Benzo(k)fluoranthene	23.133	252		3165109m	31.533	ng/ul	
93) Benzo(a)pyrene	23.815	252		3912588	41.988	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.062	276		3604373	31.207	ng/ul	98
95) Dibenzo(a,h)anthracene	27.086	278		1313073	14.030	ng/ul#	92
96) Benzo(g,h,i)perylene	28.009	276		455797	5.190	ng/ul	95

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

