

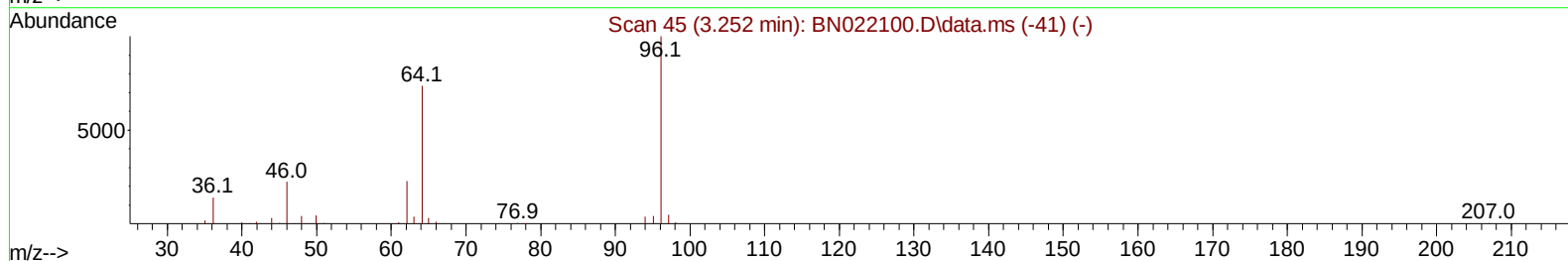
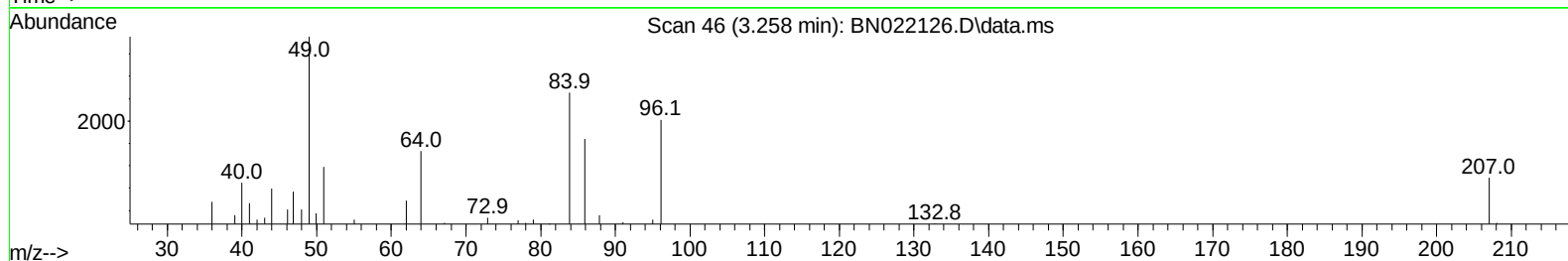
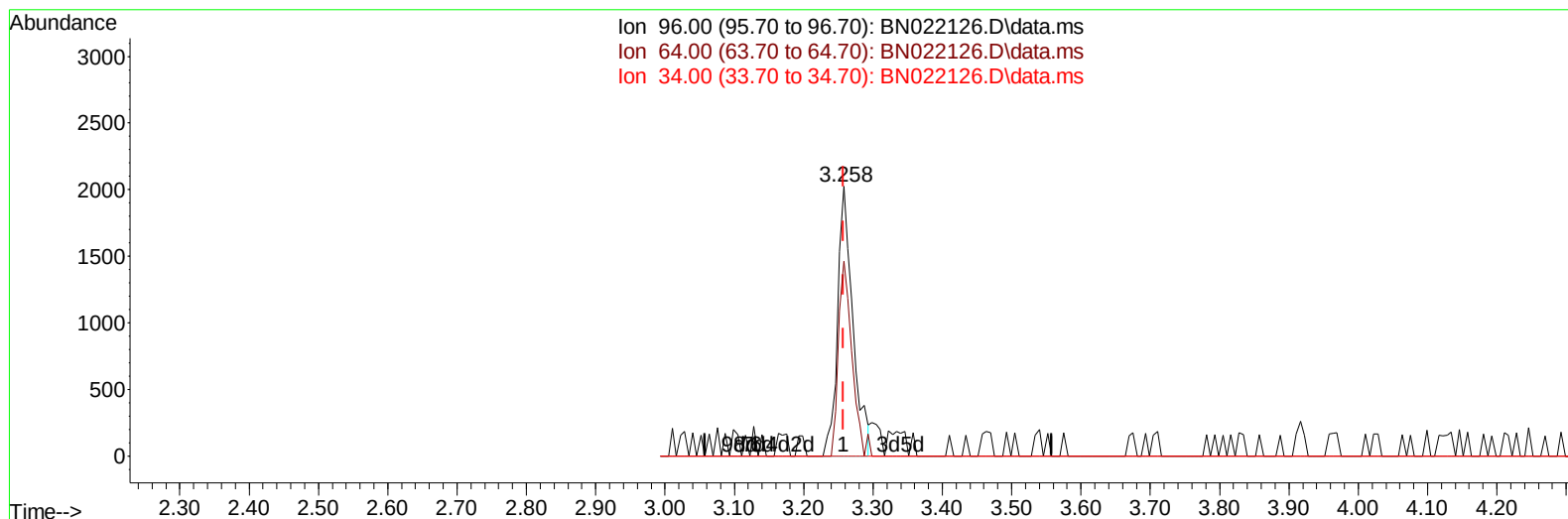
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101222\
 Data File : BN022126.D
 Acq On : 14 Oct 2022 16:13
 Operator : CG/JU
 Sample : N5049-08DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BL9DL

Manual IntegrationsAPPROVED

Quant Time: Oct 15 00:26:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022



TIC: BN022126.D\data.ms

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

3.258min (-0.000) 0.53 ng/uL

response 3113

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.20	72.22
34.00	0.00	0.00
0.00	0.00	0.00

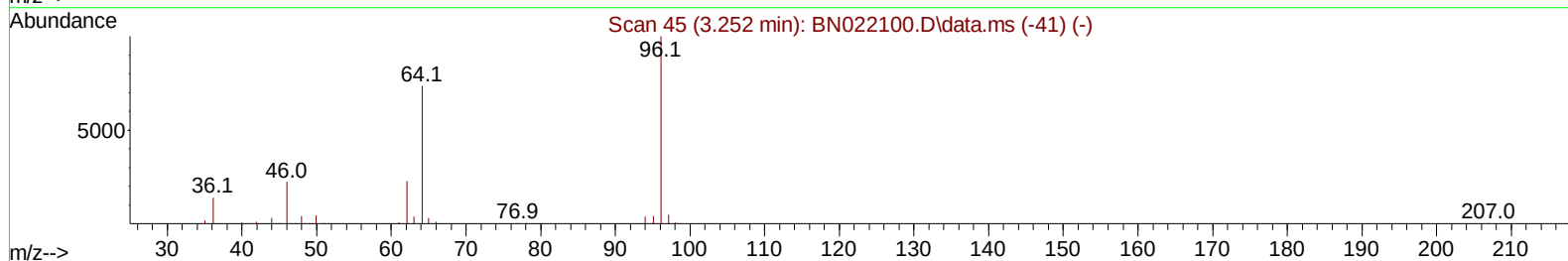
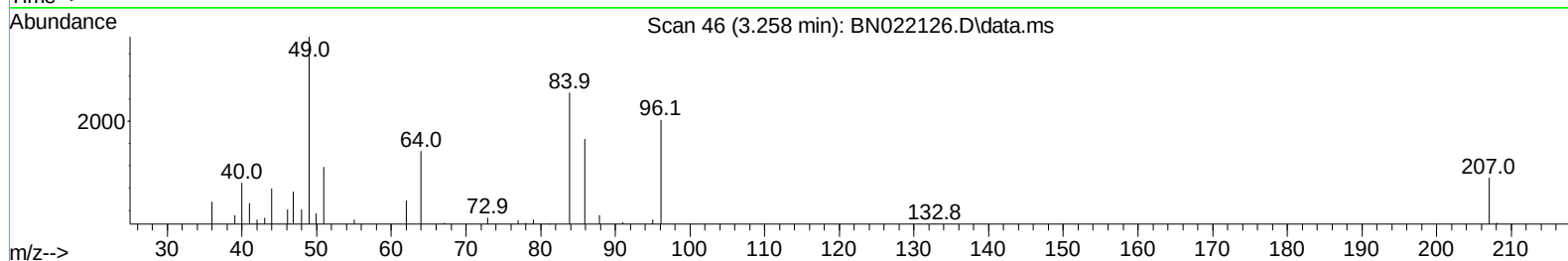
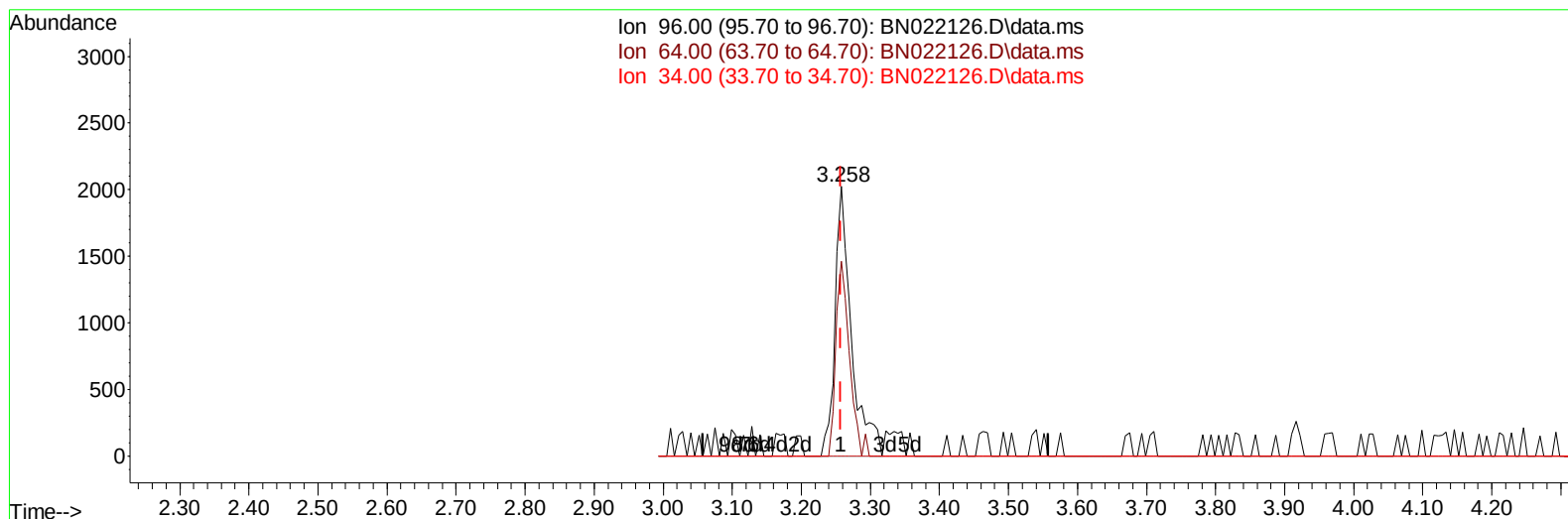
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022126.D
 Acq On : 14 Oct 2022 16:13
 Operator : CG/JU
 Sample : N5049-08DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BN022126.D\data.ms

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

3.258min (-0.000) 0.57 ng/uL m

response 3356

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.20	72.22
34.00	0.00	0.00
0.00	0.00	0.00

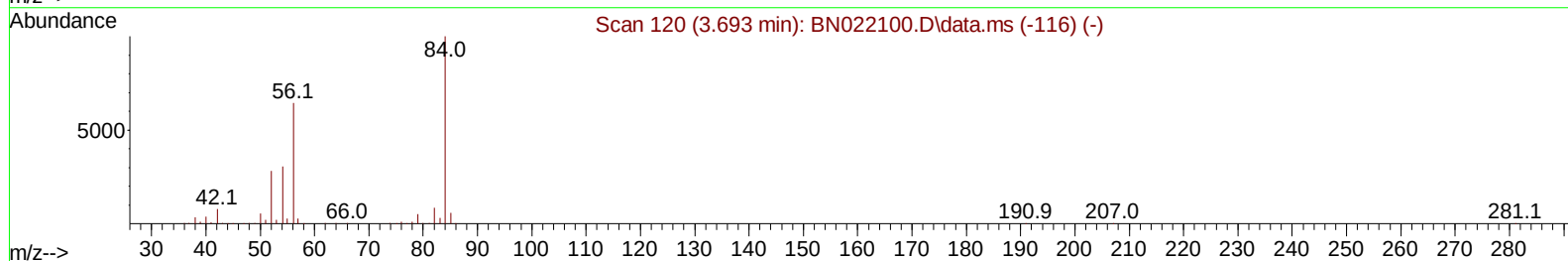
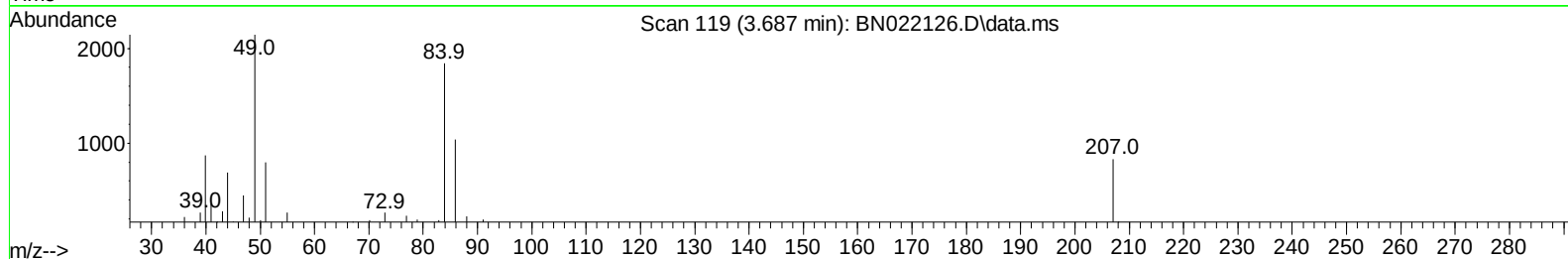
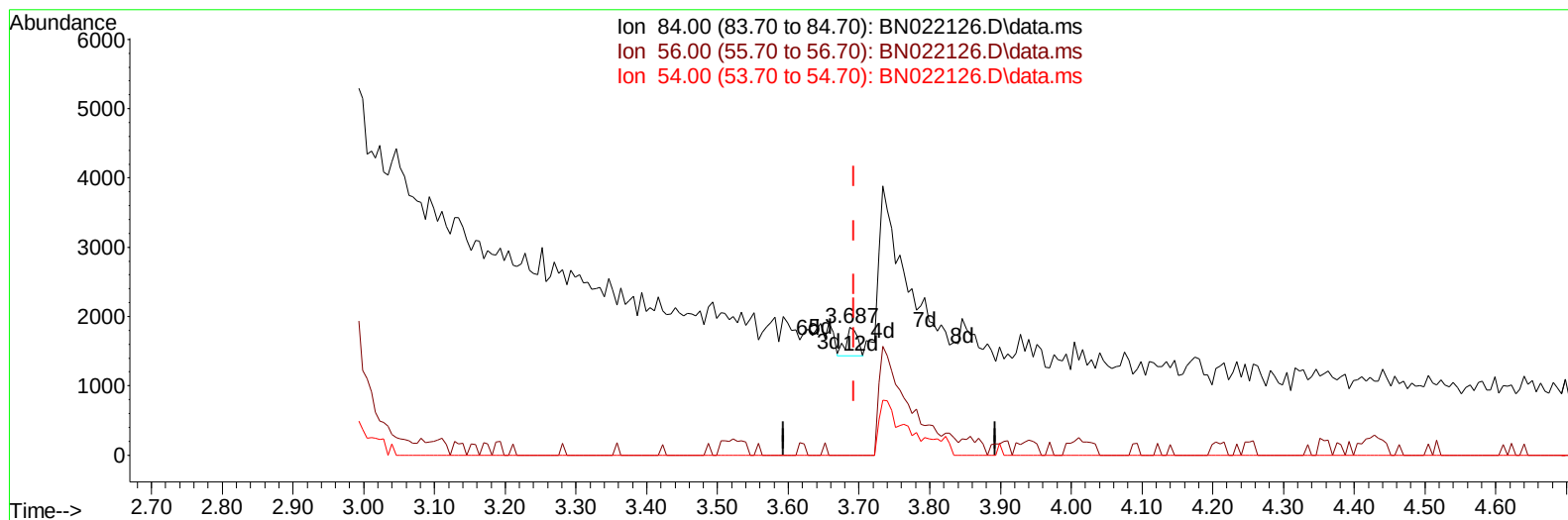
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022126.D
 Acq On : 14 Oct 2022 16:13
 Operator : CG/JU
 Sample : N5049-08DL 5X
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TIC: BN022126.D\data.ms

(4) Pyridine-d5 (S)

3.687min (-0.006) 0.02 ng/uI

response 455

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	66.60	0.00#
54.00	30.80	0.00#
0.00	0.00	0.00

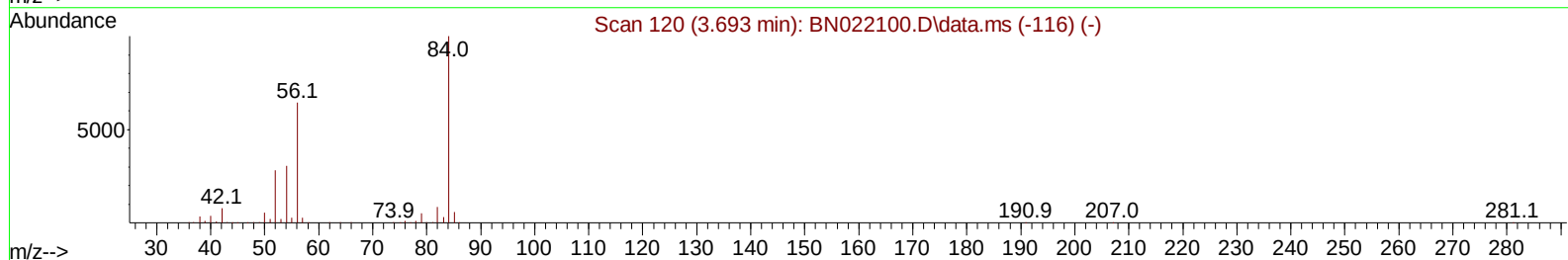
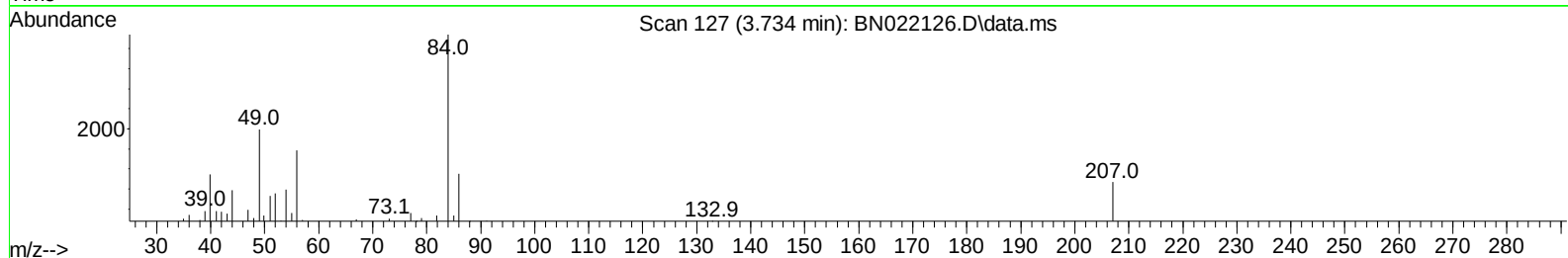
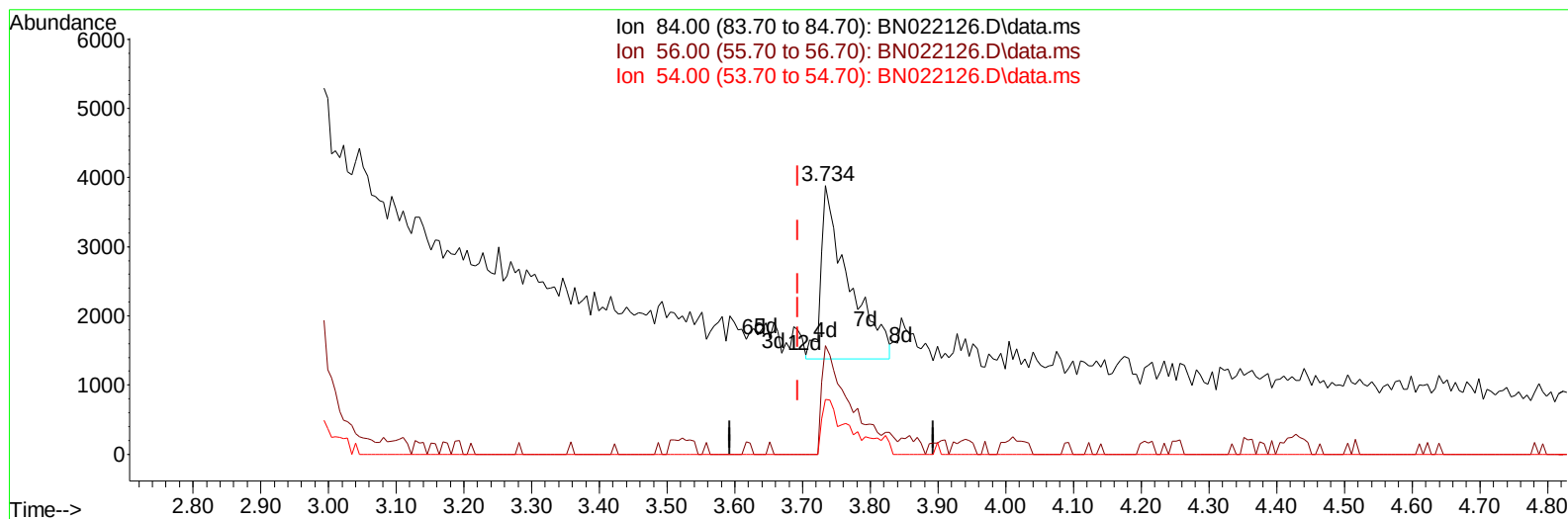
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
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 Acq On : 14 Oct 2022 16:13
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TIC: BN022126.D\data.ms

(4) Pyridine-d5 (S)

3.734min (+ 0.041) 0.39 ng/ul m

response 7041

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	66.60	40.51#
54.00	30.80	20.38#
0.00	0.00	0.00

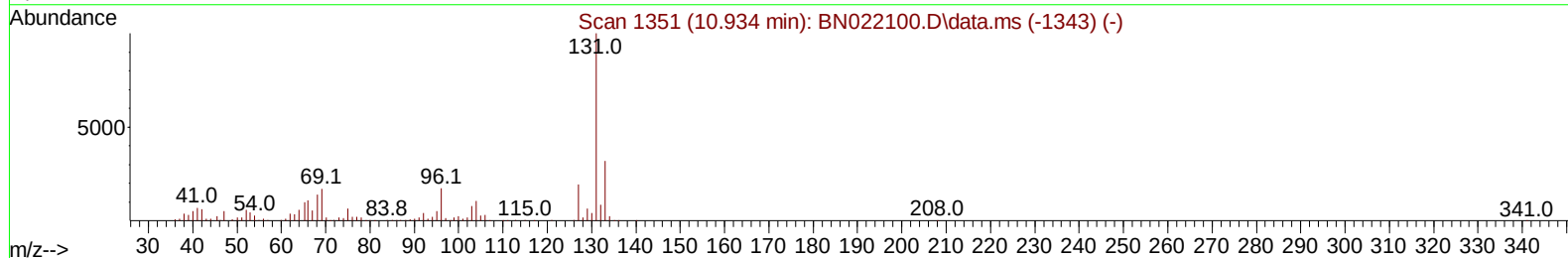
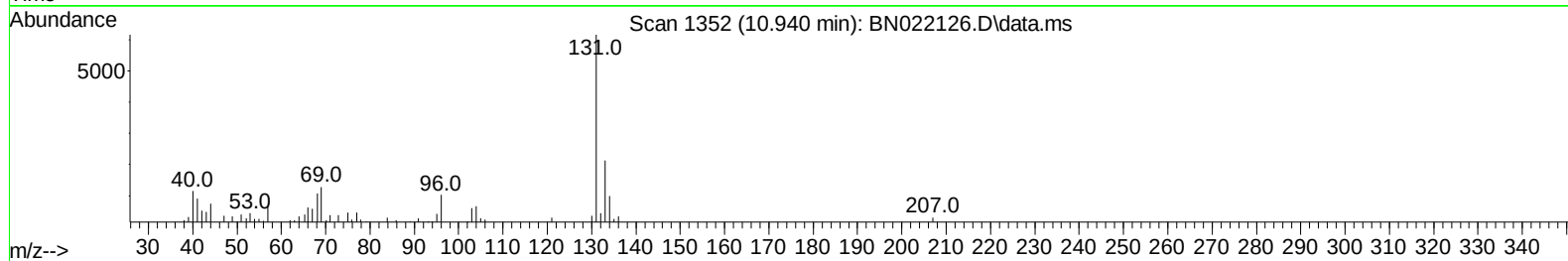
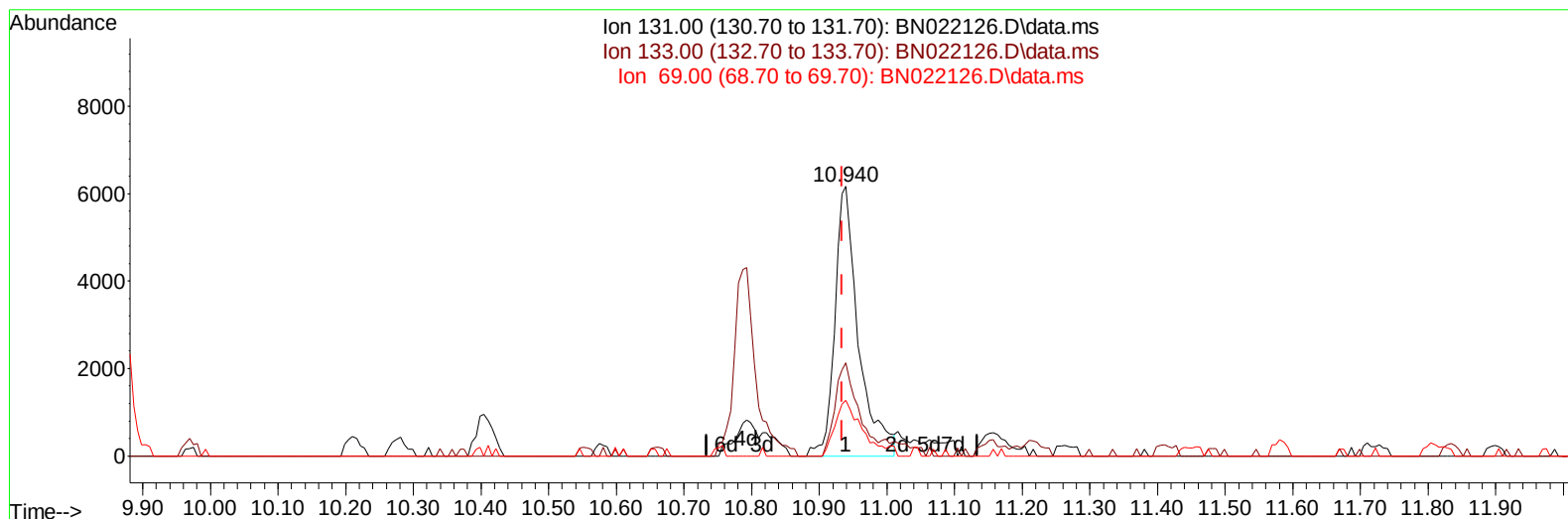
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 Data File : BN022126.D
 Acq On : 14 Oct 2022 16:13
 Operator : CG/JU
 Sample : N5049-08DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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TIC: BN022126.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.940min (+ 0.006) 0.62 ng/ul m

response 14907

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	30.90	34.44
69.00	17.70	20.70
0.00	0.00	0.00

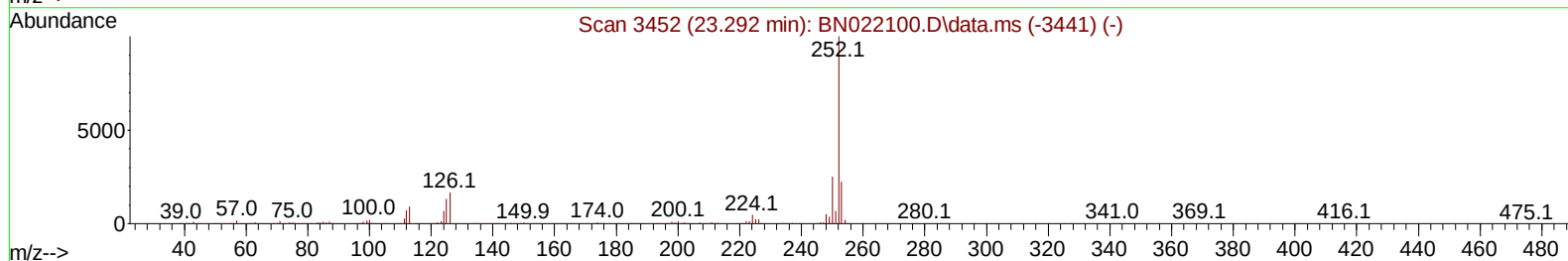
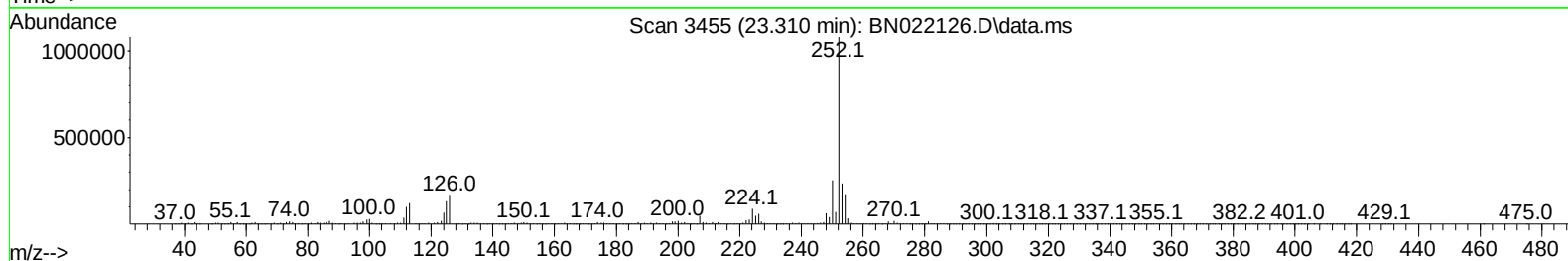
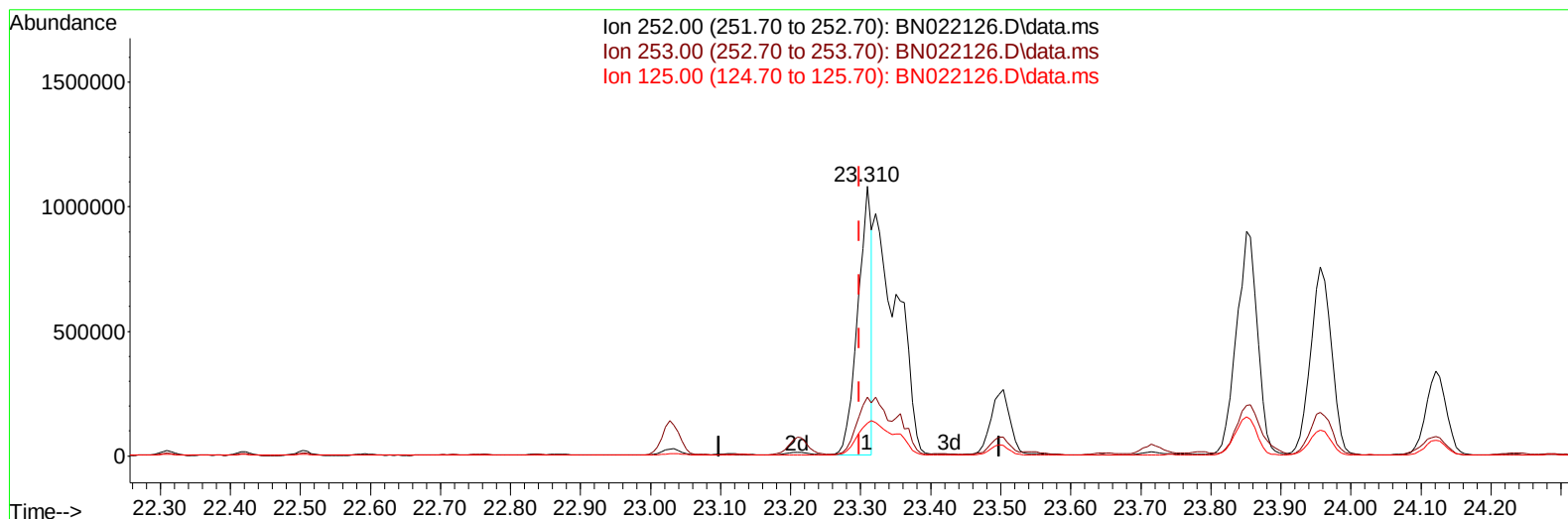
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 Acq On : 14 Oct 2022 16:13
 Operator : CG/JU
 Sample : N5049-08DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BL9DL

Manual IntegrationsAPPROVED

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 QLast Update : Thu Oct 13 03:08:08 2022
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Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022



TIC: BN022126.D\data.ms

(90) Benzo(b)fluoranthene

23.310min (+ 0.012) 27.74 ng/ul

response 1509168

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	21.73
125.00	13.40	12.21
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022126.D
 Acq On : 14 Oct 2022 16:13
 Operator : CG/JU
 Sample : N5049-08DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

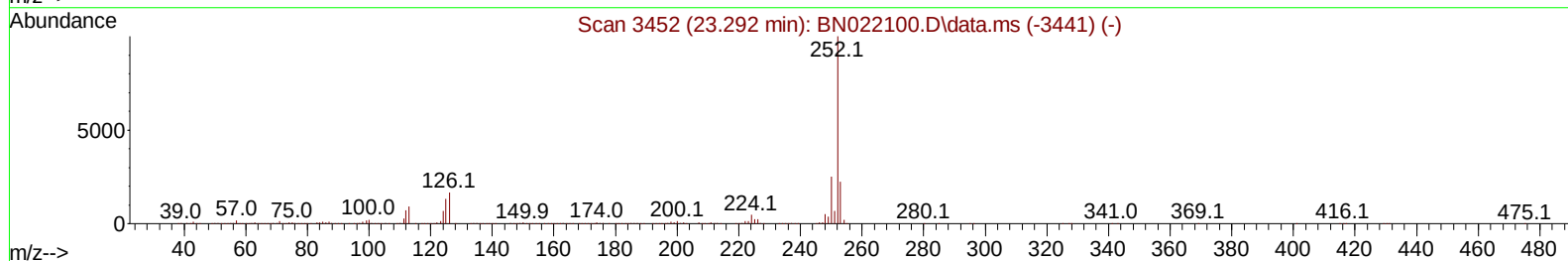
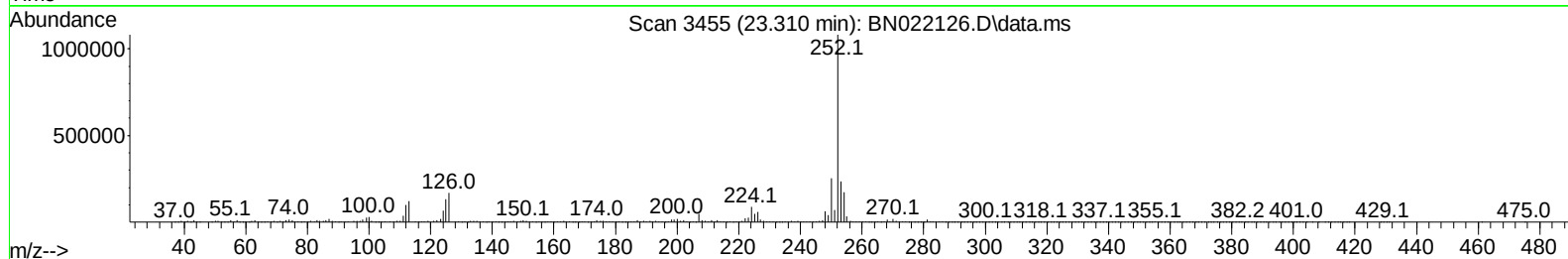
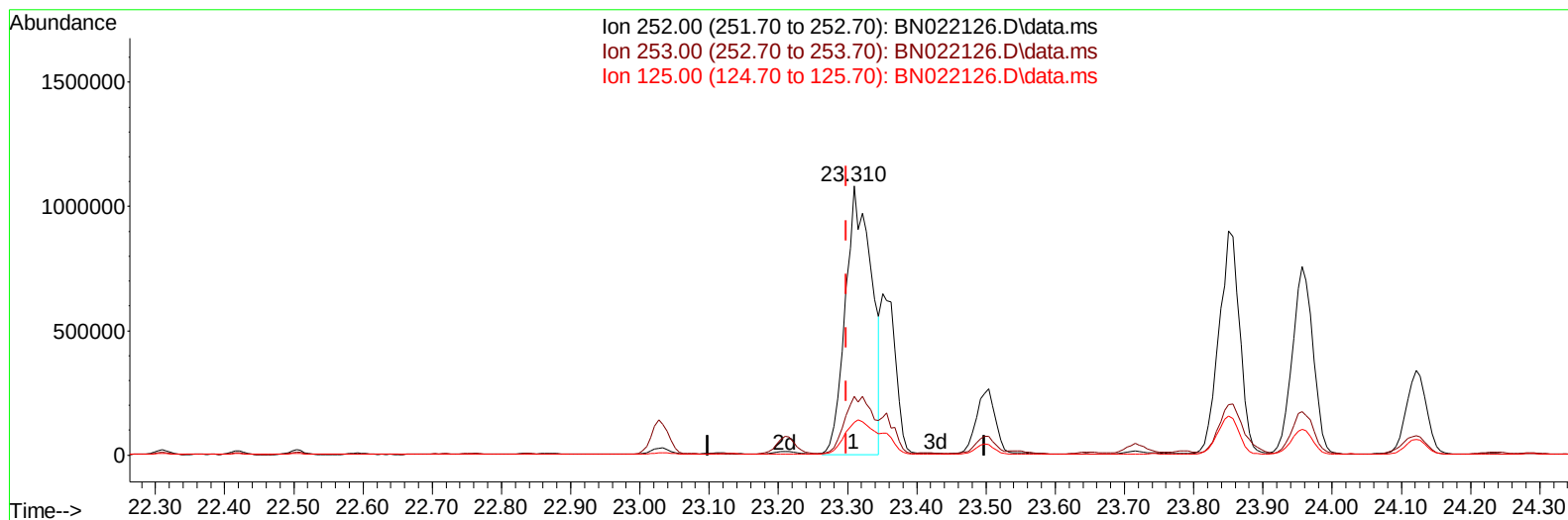
C0BL9DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/15/2022

Supervised By :mohammad ahmed 10/16/2022

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TIC: BN022126.D\data.ms

(90) Benzo(b)fluoranthene

23.310min (+ 0.012) 52.54 ng/ul m

response 2857866

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	21.73
125.00	13.40	12.21
0.00	0.00	0.00

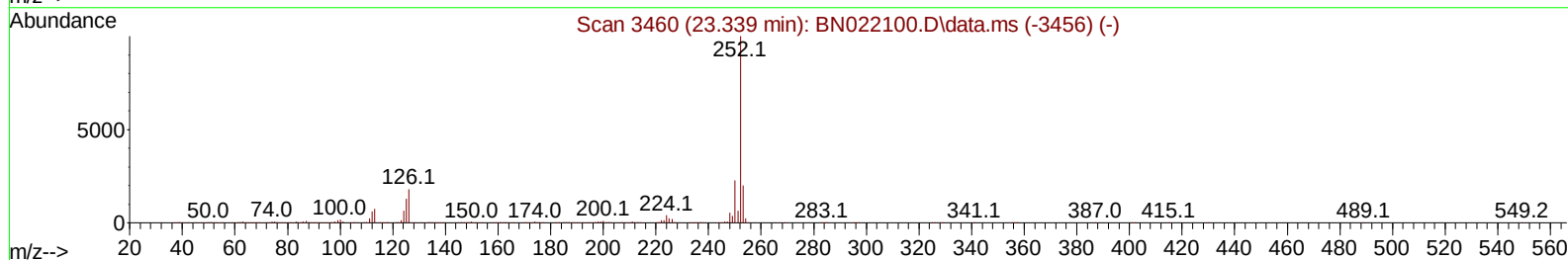
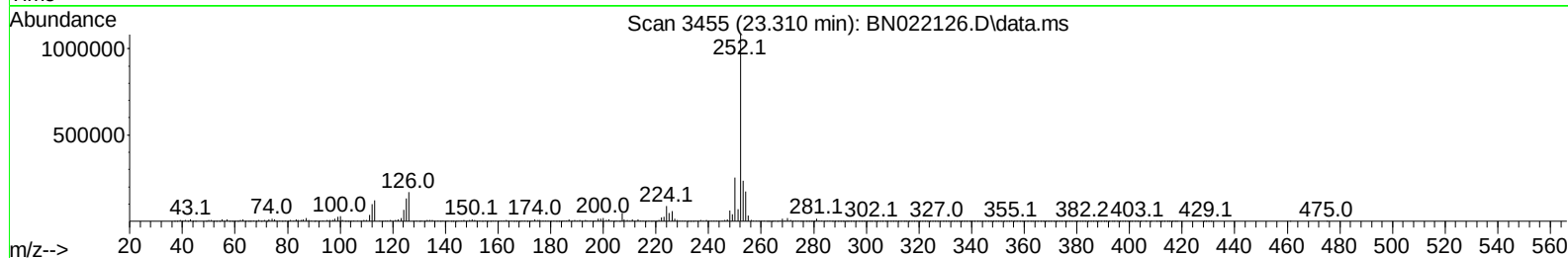
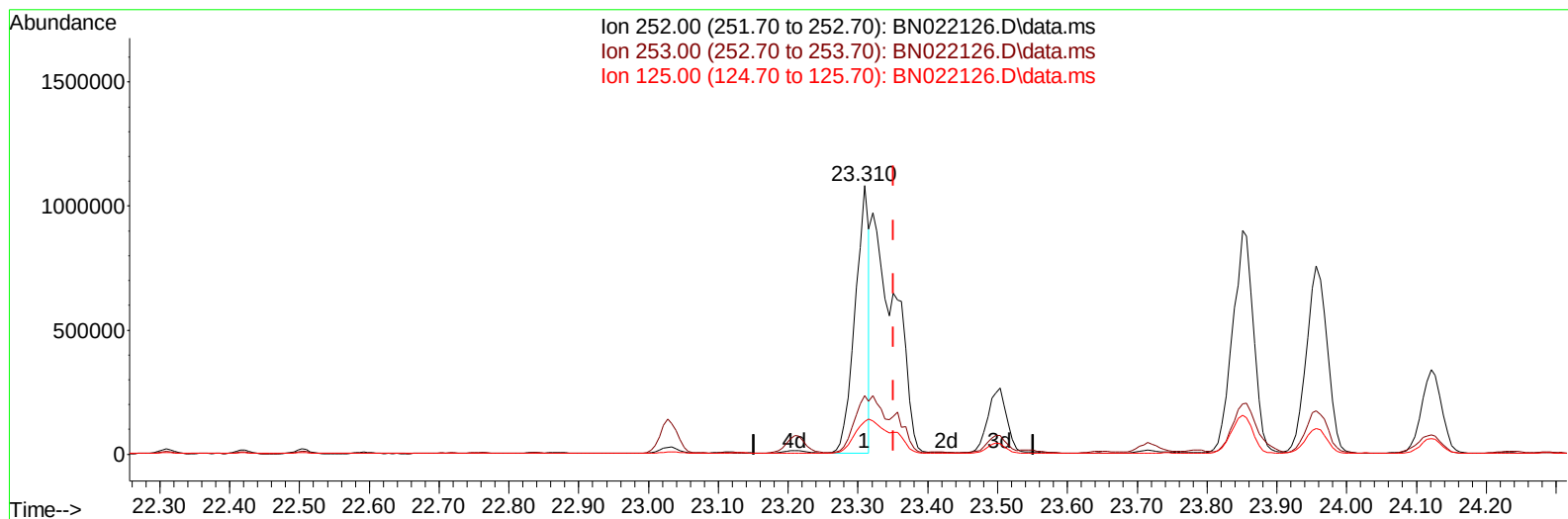
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022126.D
Acq On : 14 Oct 2022 16:13
Operator : CG/JU
Sample : N5049-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BL9DL

Manual IntegrationsAPPROVED

Quant Time: Oct 15 00:26:48 2022
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
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Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



TIC: BN022126.D\data.ms

(91) Benzo(k)fluoranthene

23.310min (-0.041) 28.08 ng/u1

response 1509168

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.73
125.00	13.20	12.21
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022126.D
 Acq On : 14 Oct 2022 16:13
 Operator : CG/JU
 Sample : N5049-08DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

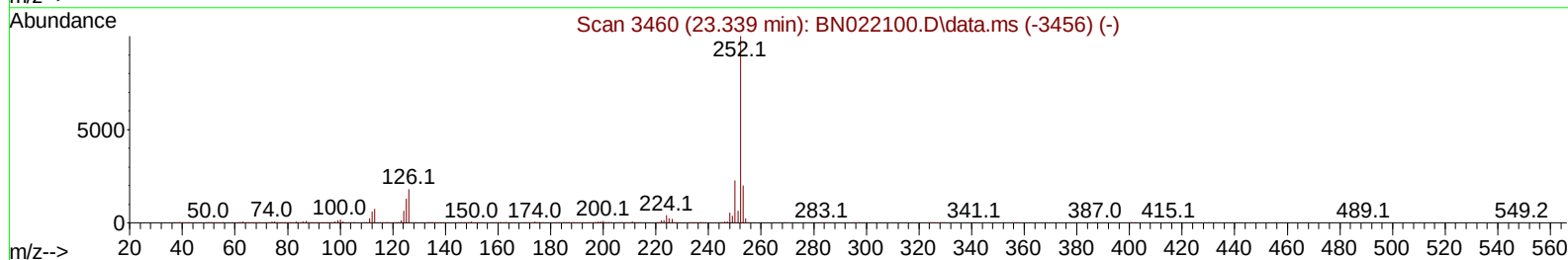
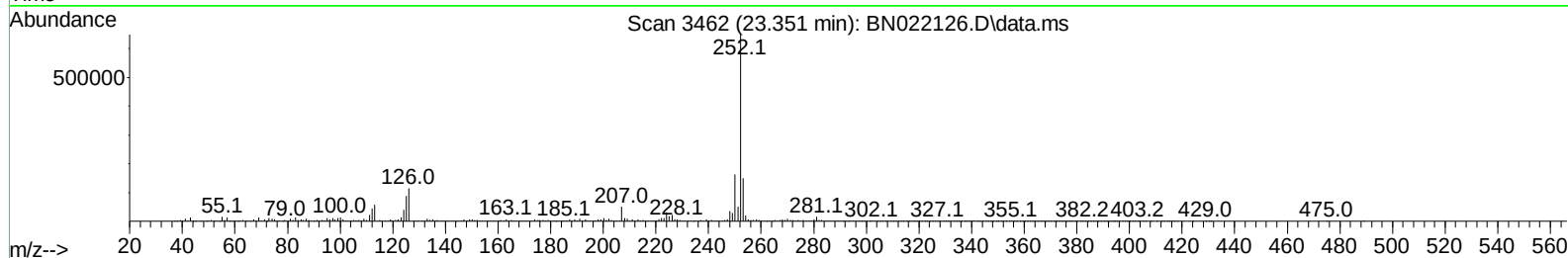
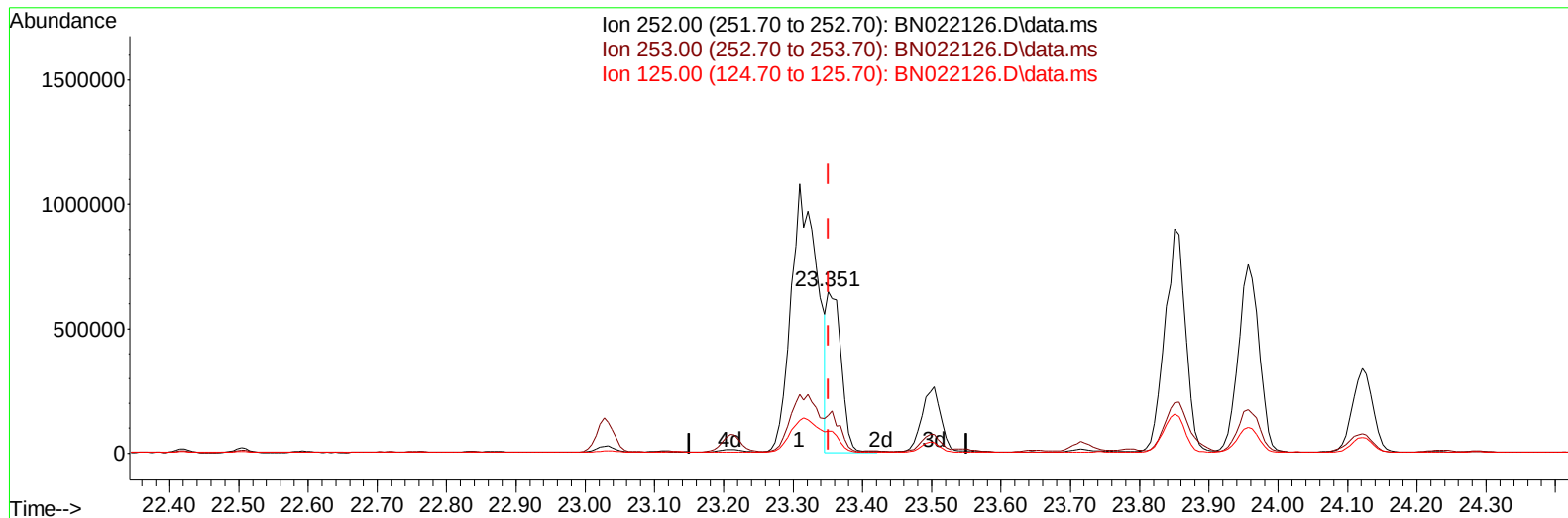
C0BL9DL

Manual IntegrationsAPPROVED

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TIC: BN022126.D\data.ms

(91) Benzo(k)fluoranthene

23.351min (-0.000) 17.42 ng/ul m

response 936372

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.22
125.00	13.20	13.50
0.00	0.00	0.00

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 Misc :
 ALS Vial : 44 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	222813	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	1044723	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	637109	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1243943	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	937834	20.000	ng/ul	0.00
88) Perylene-d12	24.068	264	862459	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	3356m	0.571	ng/uL	0.00
4) Pyridine-d5	3.734	84	7041m	0.385	ng/ul	0.04
7) Phenol-d5	7.110	99	62598	2.874	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	41251	3.022	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	49584	3.283	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	48335	2.793	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	25311	3.304	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	26406	3.363	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	46088	3.127	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	14907m	0.619	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	148163	3.336	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	172396	3.476	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	13674	1.442	ng/ul	0.00
60) Fluorene-d10	15.622	176	130739	3.490	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	8939	1.260	ng/ul	0.00
73) Anthracene-d10	17.480	188	201345	3.725	ng/ul	0.00
81) Pyrene-d10	19.786	212	216146	4.629	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	149451	3.533	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.351	152	423751	7.482	ng/ul	99
72) Phenanthrene	17.427	178	211373	3.150	ng/ul	98
74) Anthracene	17.516	178	779917	11.701	ng/ul	96
77) Carbazole	17.792	167	148309	2.406	ng/ul	99
80) Fluoranthene	19.451	202	1126906	19.227	ng/ul	98
82) Pyrene	19.816	202	1379737	22.501	ng/ul	98
85) Benzo(a)anthracene	21.574	228	1013409	16.911	ng/ul#	92
87) Chrysene	21.627	228	1579185	27.422	ng/ul	99
90) Benzo(b)fluoranthene	23.310	252	2857866m	52.538	ng/ul	
91) Benzo(k)fluoranthene	23.351	252	936372m	17.424	ng/ul	
93) Benzo(a)pyrene	23.957	252	1572410	32.343	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.680	276	2038682	33.550	ng/ul	92
95) Dibenzo(a,h)anthracene	26.680	278	527266	9.699	ng/ul#	75
96) Benzo(g,h,i)perylene	27.486	276	1831968	33.510	ng/ul	97

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

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