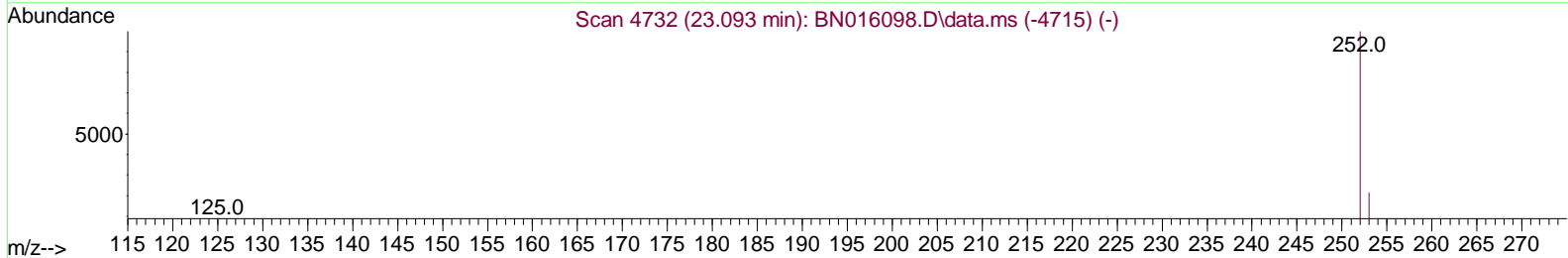
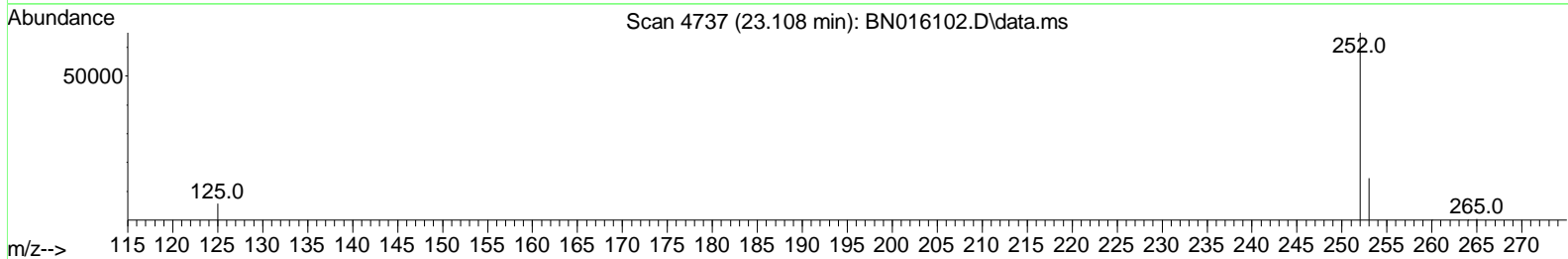
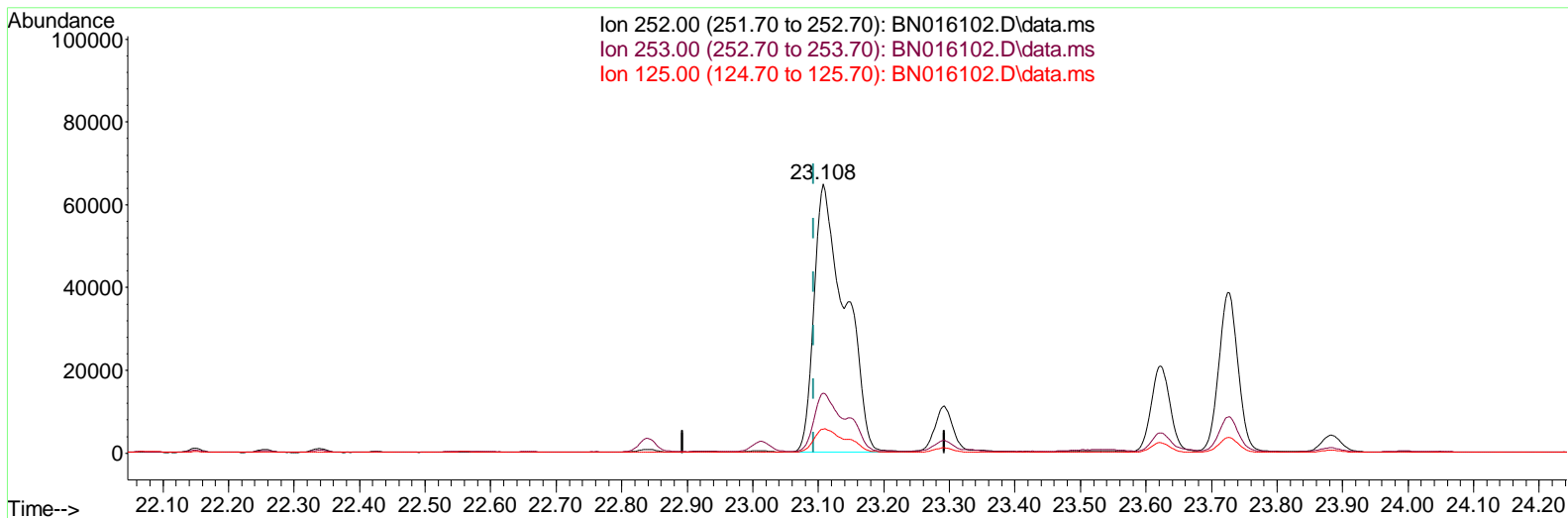


Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082621\  
 Data File : BN016102.D  
 Acq On : 27 Aug 2021 12:13  
 Operator : CG/JU  
 Sample : M3458-17DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 27 12:43:12 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN082621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 27 10:53:37 2021  
 Response via : Initial Calibration



TIC: BN016102.D\data.ms

(24) Benzo(b)fluoranthene

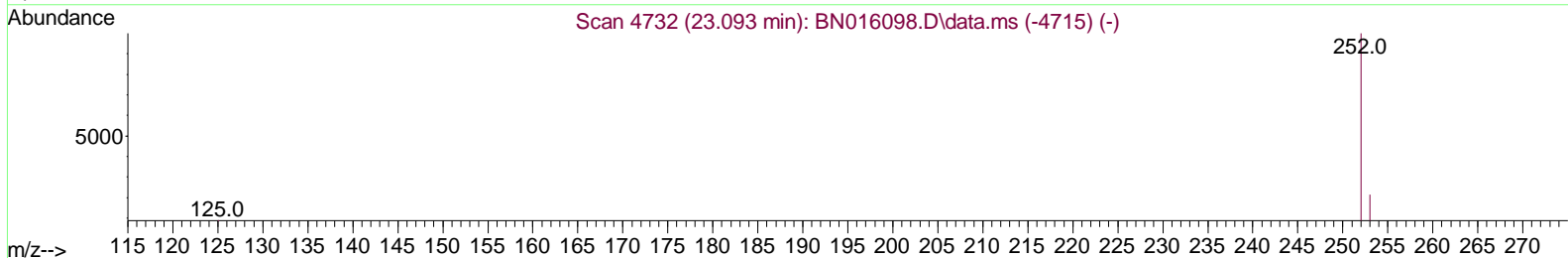
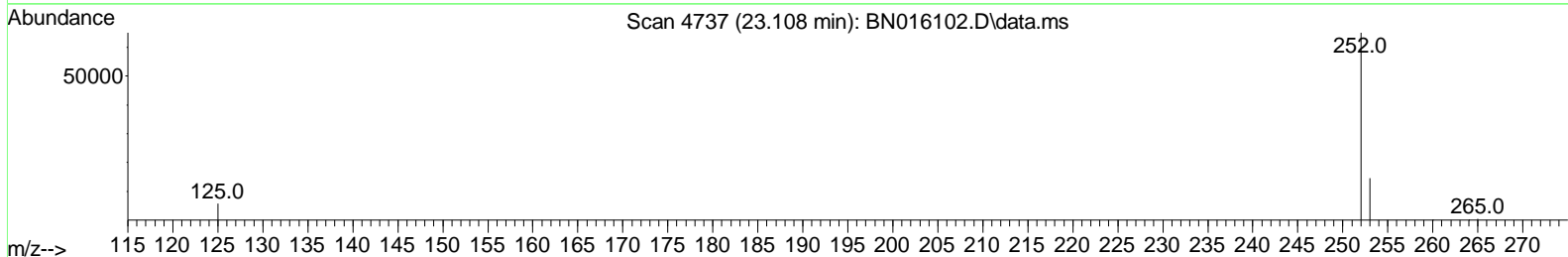
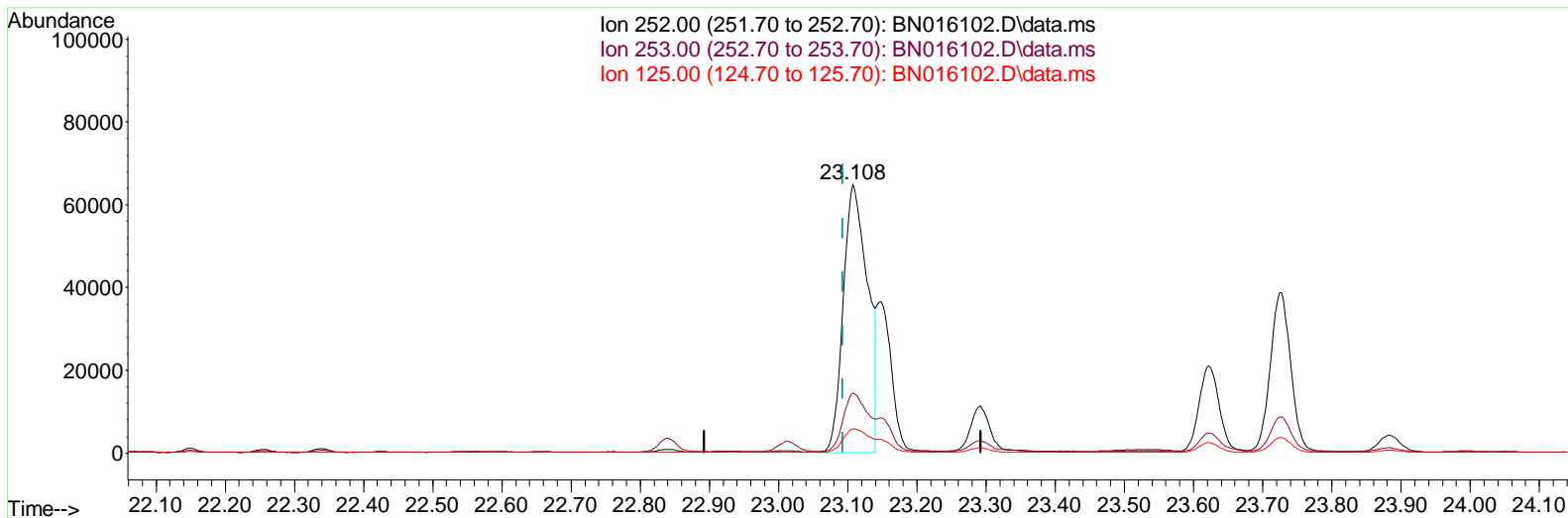
23.108min (+ 0.015) 6.76 ng/ul

response 212157

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	22.40
125.00	10.80	8.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082621\  
 Data File : BN016102.D  
 Acq On : 27 Aug 2021 12:13  
 Operator : CG/JU  
 Sample : M3458-17DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 27 12:43:12 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN082621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 27 10:53:37 2021  
 Response via : Initial Calibration



TIC: BN016102.D\data.ms

(24) Benzo(b)fluoranthene

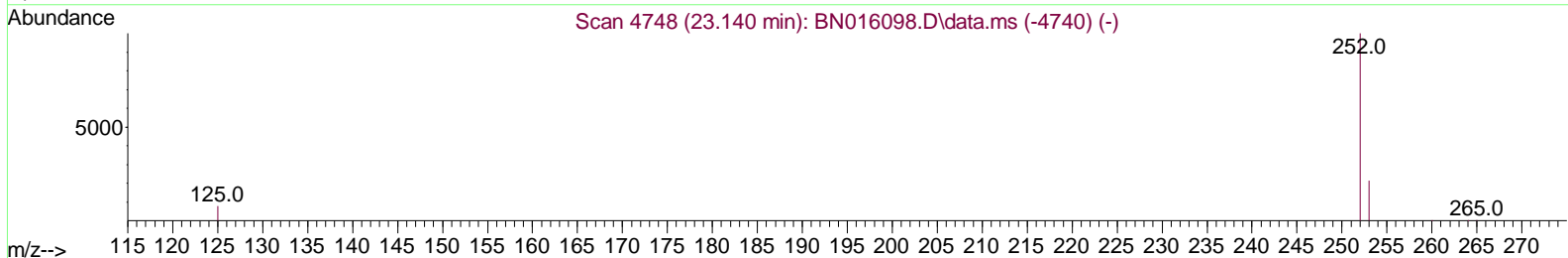
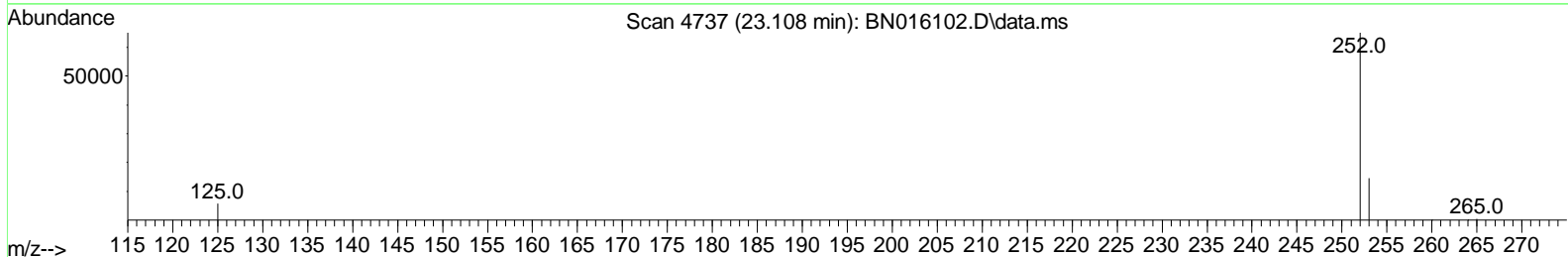
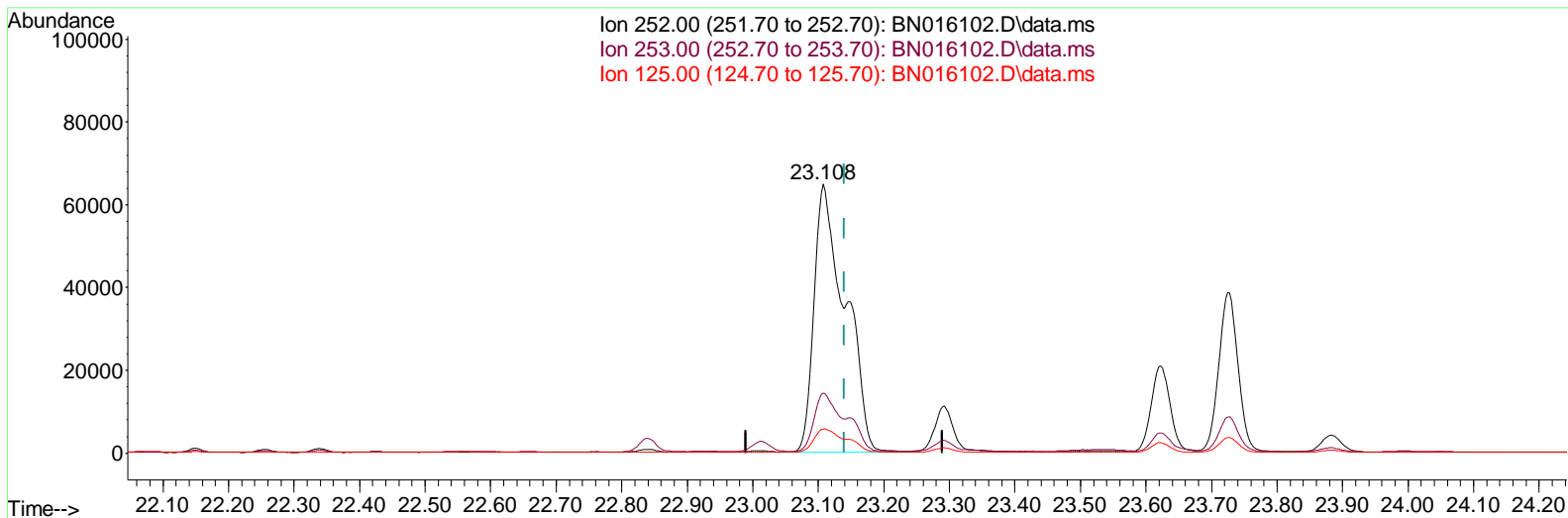
23.108min (+ 0.015) 5.07 ng/ul m

response 159144

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	22.40
125.00	10.80	8.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082621\  
 Data File : BN016102.D  
 Acq On : 27 Aug 2021 12:13  
 Operator : CG/JU  
 Sample : M3458-17DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 27 12:43:12 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN082621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 27 10:53:37 2021  
 Response via : Initial Calibration



TIC: BN016102.D\data.ms

(25) Benzo(k)fluoranthene

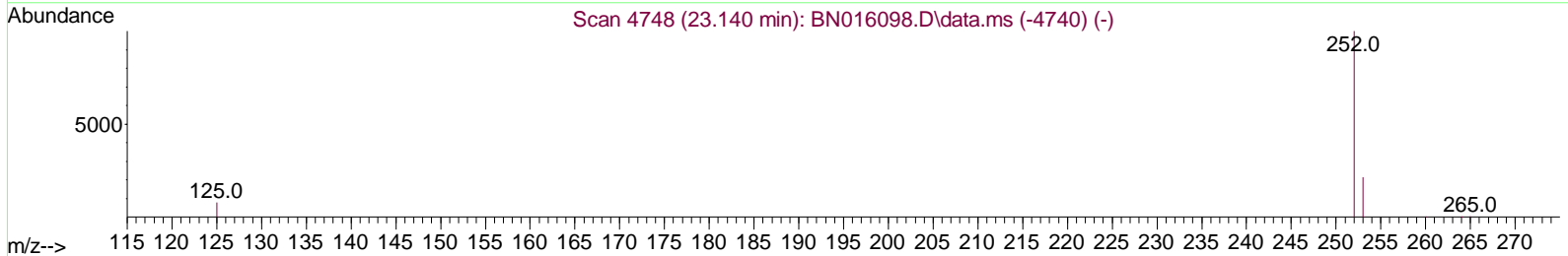
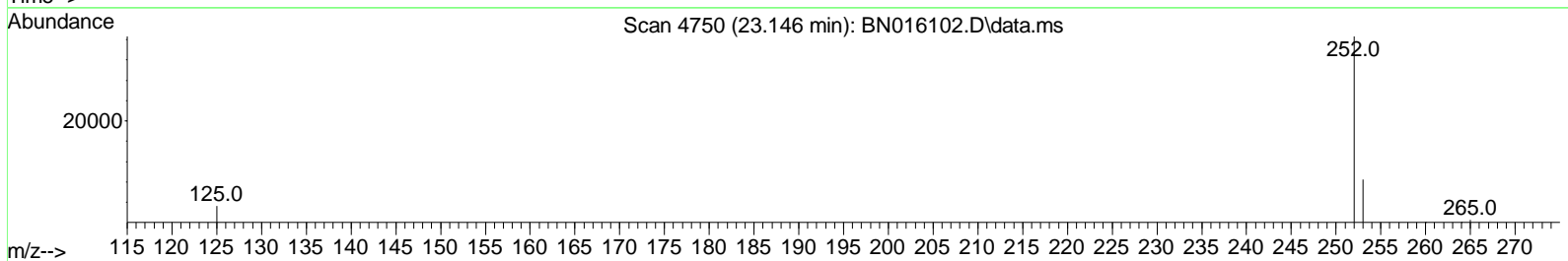
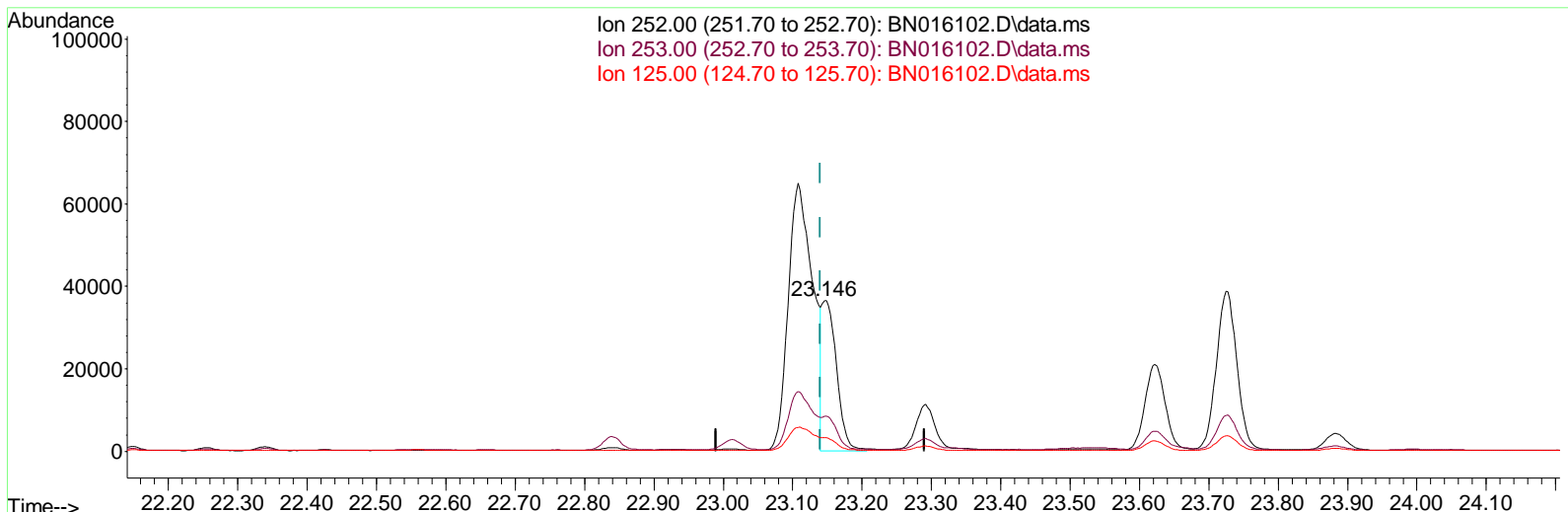
23.108min (-0.032) 6.70 ng/ul

response 212157

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.90	22.40
125.00	10.30	8.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082621\  
 Data File : BN016102.D  
 Acq On : 27 Aug 2021 12:13  
 Operator : CG/JU  
 Sample : M3458-17DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 27 12:43:12 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN082621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 27 10:53:37 2021  
 Response via : Initial Calibration



TIC: BN016102.D\data.ms

(25) Benzo(k)fluoranthene

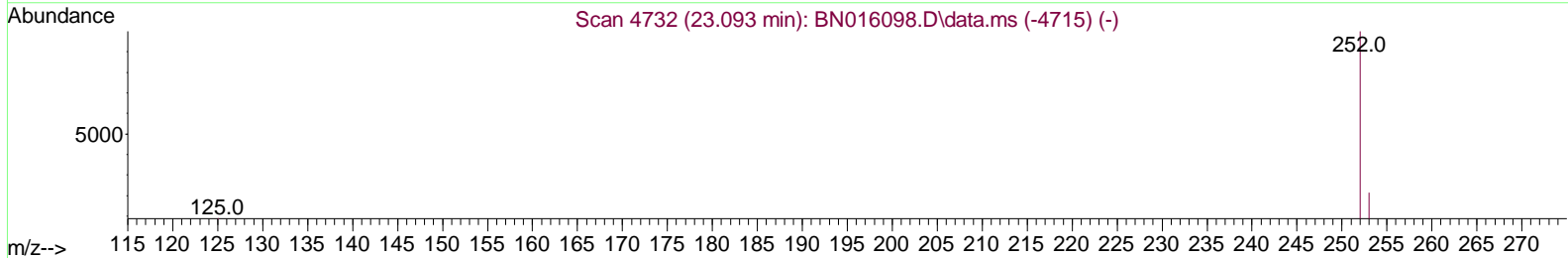
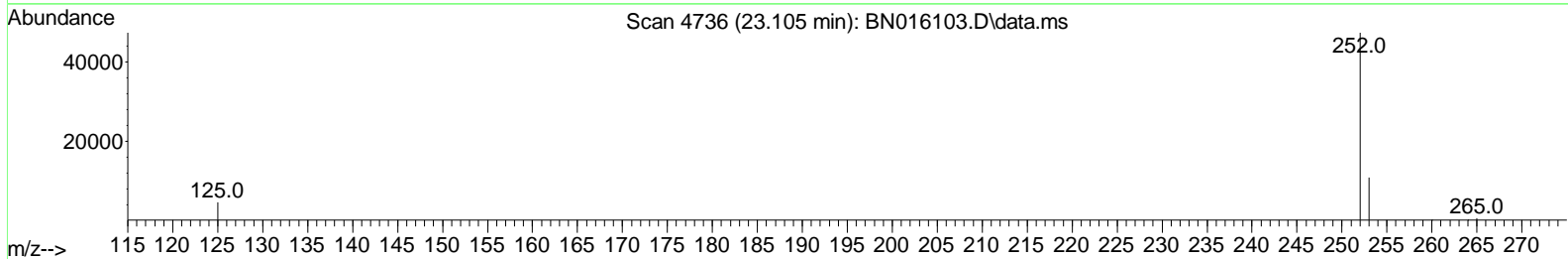
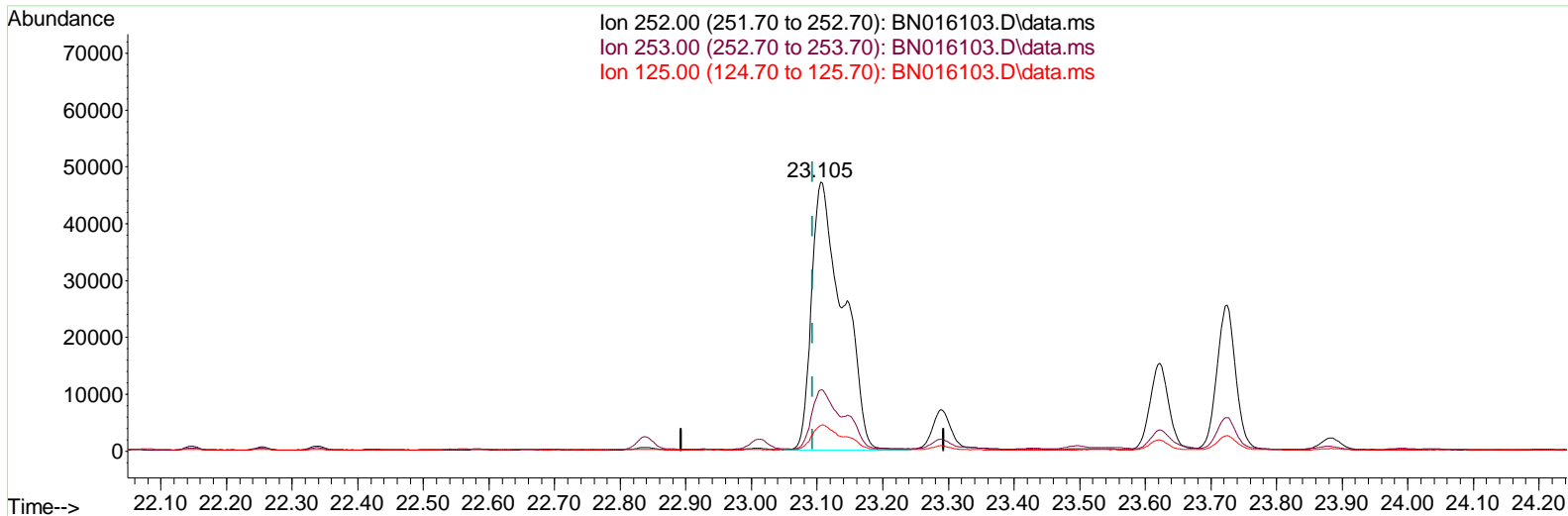
23.146min (+ 0.006) 1.69 ng/ul m

response 53379

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.90	23.28
125.00	10.30	9.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082621\  
 Data File : BN016103.D  
 Acq On : 27 Aug 2021 12:50  
 Operator : CG/JU  
 Sample : M3458-16DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 27 13:19:31 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN082621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 27 10:53:37 2021  
 Response via : Initial Calibration



TIC: BN016103.D\data.ms

(24) Benzo(b)fluoranthene

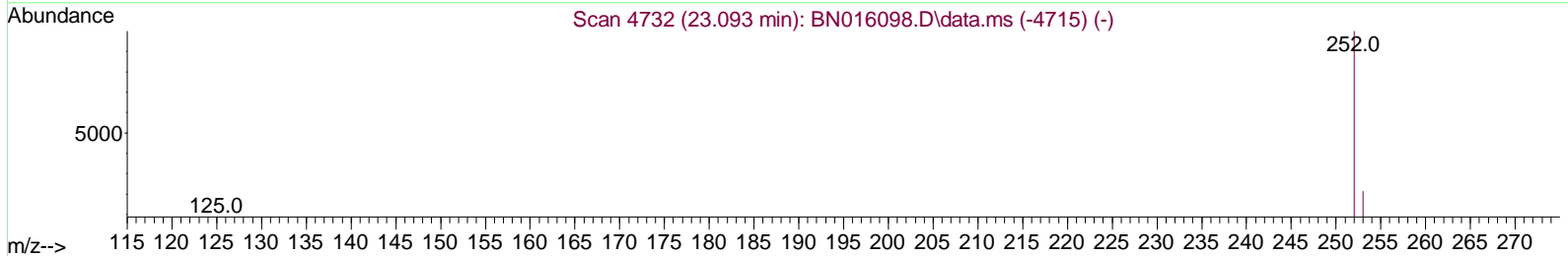
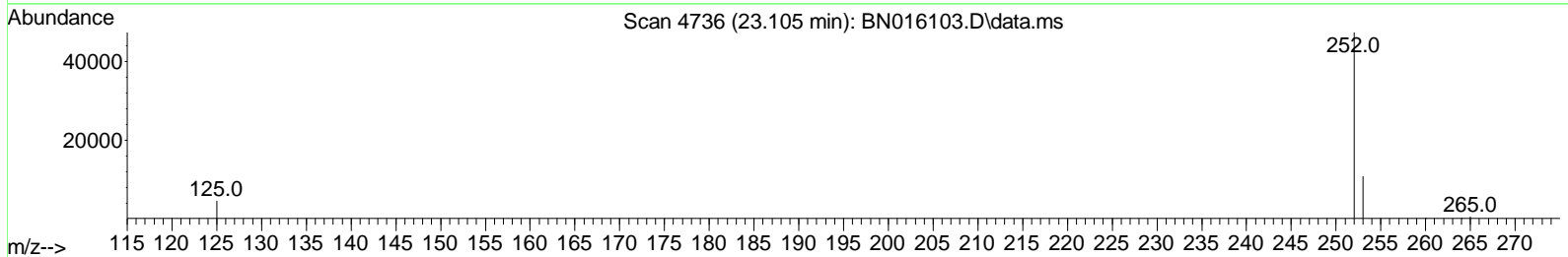
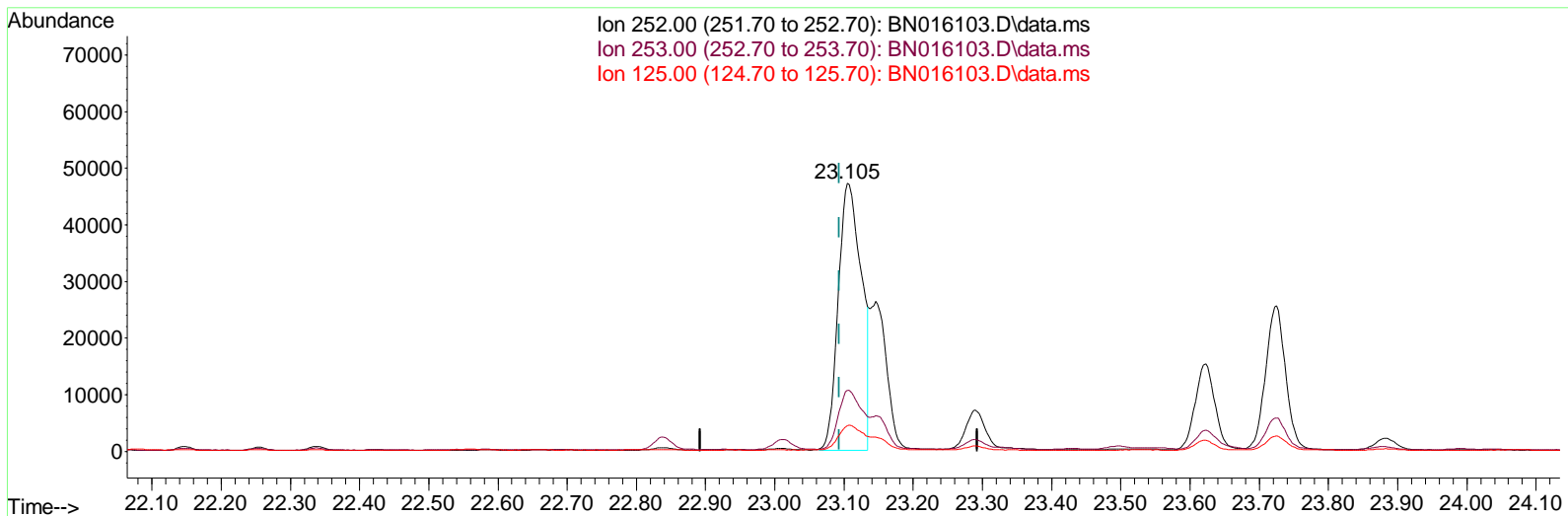
23.105min (+ 0.012) 5.24 ng/ul

response 155036

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	22.84
125.00	10.80	9.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082621\  
 Data File : BN016103.D  
 Acq On : 27 Aug 2021 12:50  
 Operator : CG/JU  
 Sample : M3458-16DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 27 13:19:31 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN082621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 27 10:53:37 2021  
 Response via : Initial Calibration



TIC: BN016103.D\data.ms

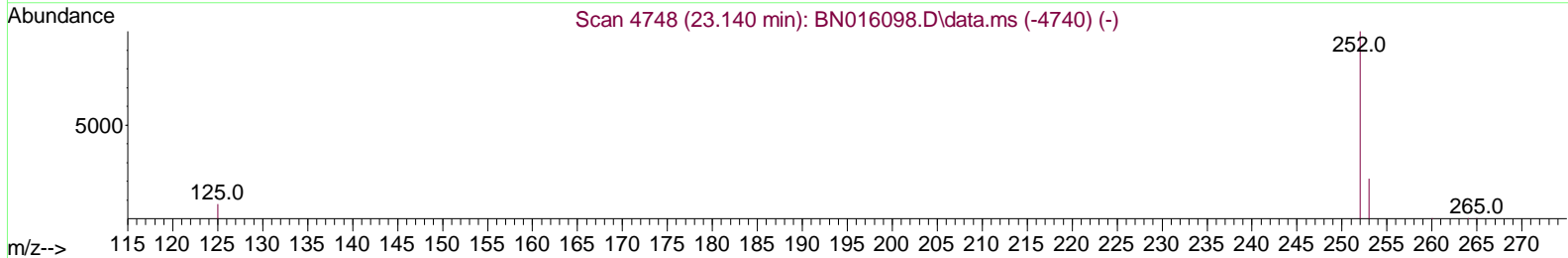
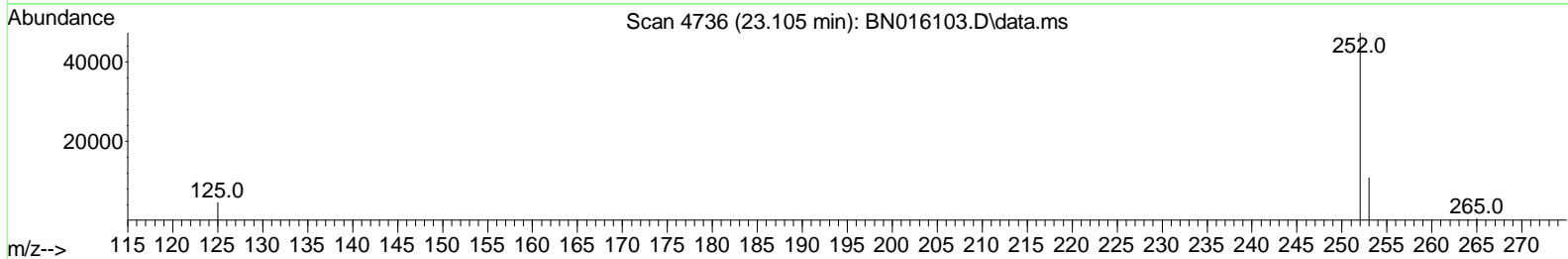
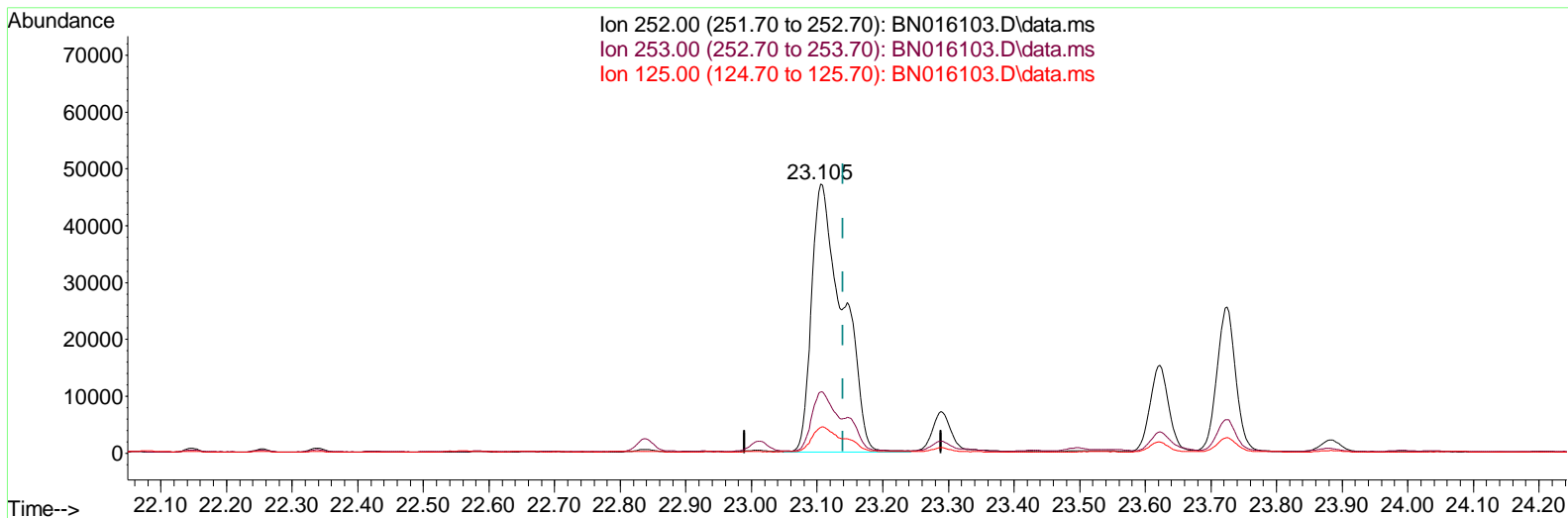
(24) Benzo(b)fluoranthene

23.105min (+ 0.012) 3.73 ng/ul m

response	110434	
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	22.84
125.00	10.80	9.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082621\  
 Data File : BN016103.D  
 Acq On : 27 Aug 2021 12:50  
 Operator : CG/JU  
 Sample : M3458-16DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 27 13:19:31 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN082621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 27 10:53:37 2021  
 Response via : Initial Calibration



TIC: BN016103.D\data.ms

(25) Benzo(k)fluoranthene

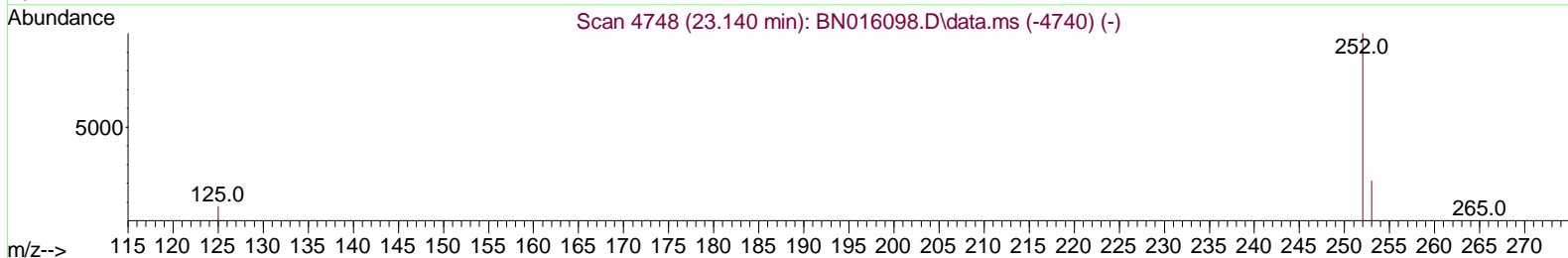
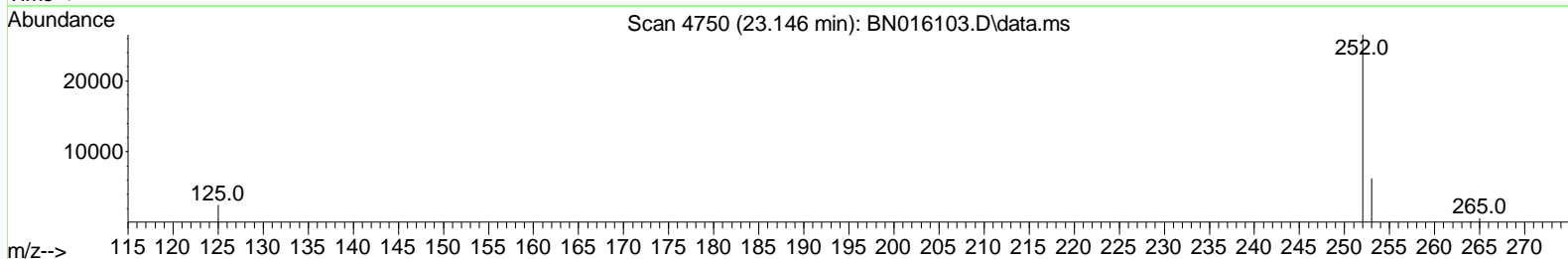
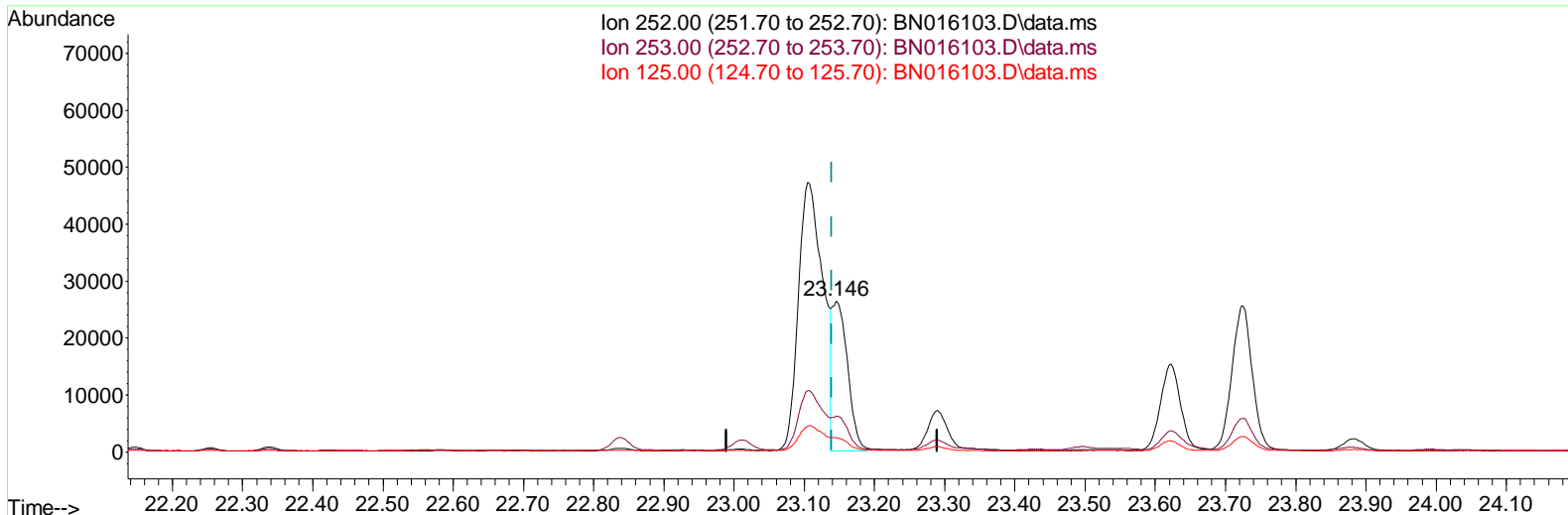
23.105min (-0.035) 5.20 ng/ul

response 155036

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.90	22.84
125.00	10.30	9.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082621\  
 Data File : BN016103.D  
 Acq On : 27 Aug 2021 12:50  
 Operator : CG/JU  
 Sample : M3458-16DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 27 13:19:31 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN082621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 27 10:53:37 2021  
 Response via : Initial Calibration



TIC: BN016103.D\data.ms

(25) Benzo(k)fluoranthene

23.146min (+ 0.006) 1.35 ng/ul m

response 40215

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.90	23.67
125.00	10.30	9.43
0.00	0.00	0.00



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082621\  
 Data File : BN016103.D  
 Acq On : 27 Aug 2021 12:50  
 Operator : CG/JU  
 Sample : M3458-16DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 27 13:19:31 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN082621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 27 10:53:37 2021  
 Response via : Initial Calibration

Compound	R.T.	QI on	Response	Conc	Units	Dev(Min)
-----						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1547	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	6893	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	4292	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	8945	0.400	ng/ul	0.00
17) Chrysene-d12	21.442	240	8708	0.400	ng/ul	0.00
23) Perylene-d12	23.830	264	7929	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1036	0.494	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	392	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	1147	0.049	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.716	128	4549	0.255	ng/ul	98
7) 2-Methylnaphthalene	12.327	142	3603	0.299	ng/ul	98
8) 1-Methylnaphthalene	12.547	142	3193	0.271	ng/ul	100
10) Acenaphthylene	14.219	152	16553	1.092	ng/ul	98
11) Acenaphthene	14.562	153	1127	0.086	ng/ul	96
12) Fluorene	15.547	166	3138	0.203	ng/ul #	95
15) Phenanthrene	17.288	178	115643	4.686	ng/ul	98
16) Anthracene	17.377	178	9235	0.433	ng/ul	99
19) Fluoranthene	19.304	202	201806	7.417	ng/ul	99
20) Pyrene	19.666	202	158379	5.782	ng/ul	99
21) Benzo(a)anthracene	21.424	228	59052	2.178	ng/ul	95
22) Chrysene	21.477	228	92716	3.178	ng/ul	98
24) Benzo(b)fluoranthene	23.105	252	110434m	3.732	ng/ul	
25) Benzo(k)fluoranthene	23.146	252	40215m	1.349	ng/ul	
26) Benzo(a)pyrene	23.725	252	51083	2.053	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.297	276	44325	1.346	ng/ul #	96
28) Di benzo(a,h)anthracene	26.313	278	11858	0.428	ng/ul	97
29) Benzo(g,h,i)perylene	27.058	276	3525	0.124	ng/ul #	86

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082621\  
 Data File : BN016103.D  
 Acq On : 27 Aug 2021 12:50  
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 Sample : M3458-16DL 5X  
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Quant Time: Aug 27 13:19:31 2021  
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