

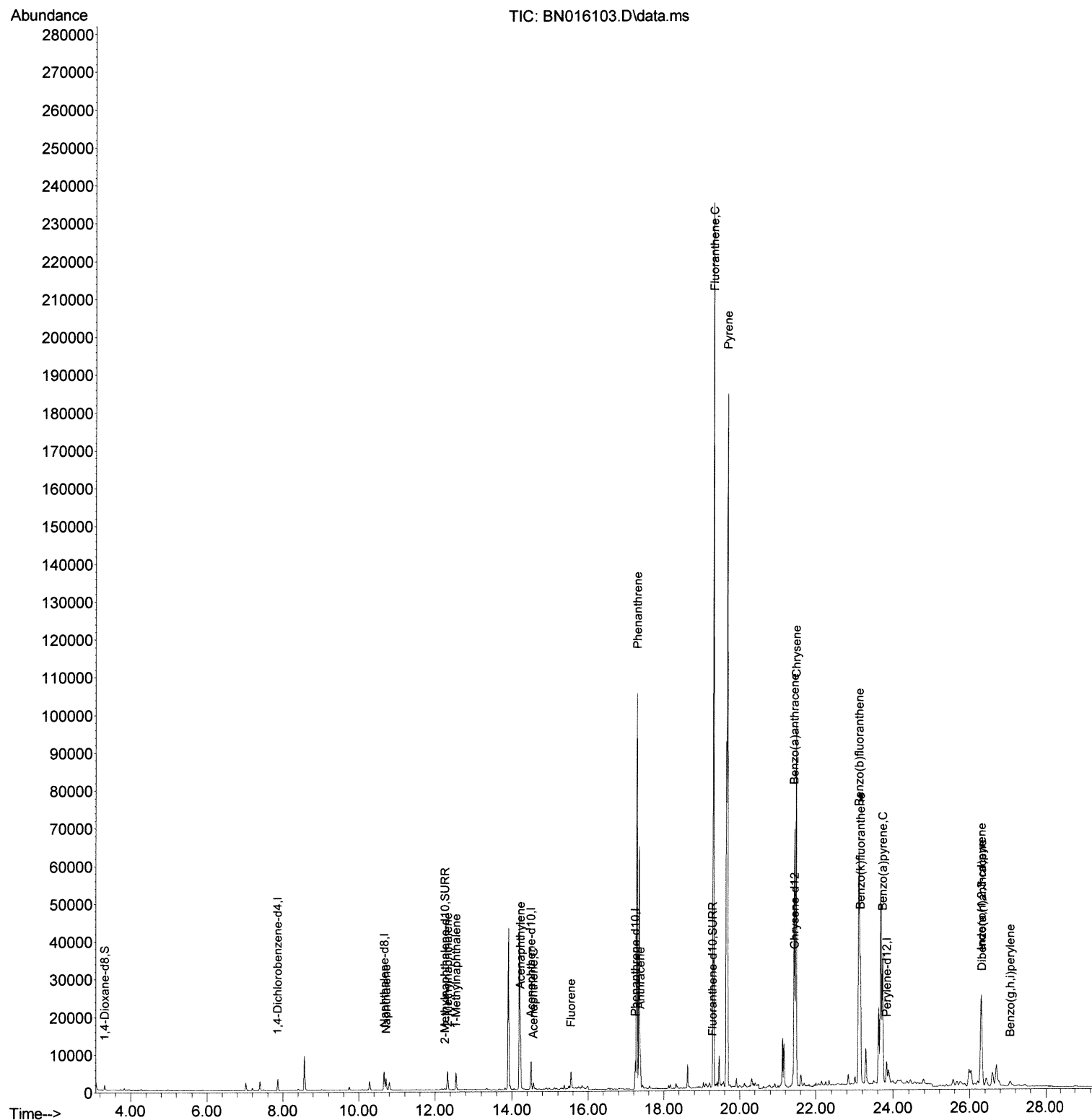
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016103.D
Acq On : 27 Aug 2021 12:50
Operator : CG/JU
Sample : M3458-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AS2DL

Manual Integrations
APPROVED

mohammad
8/27/2021 5:10:47 PM

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



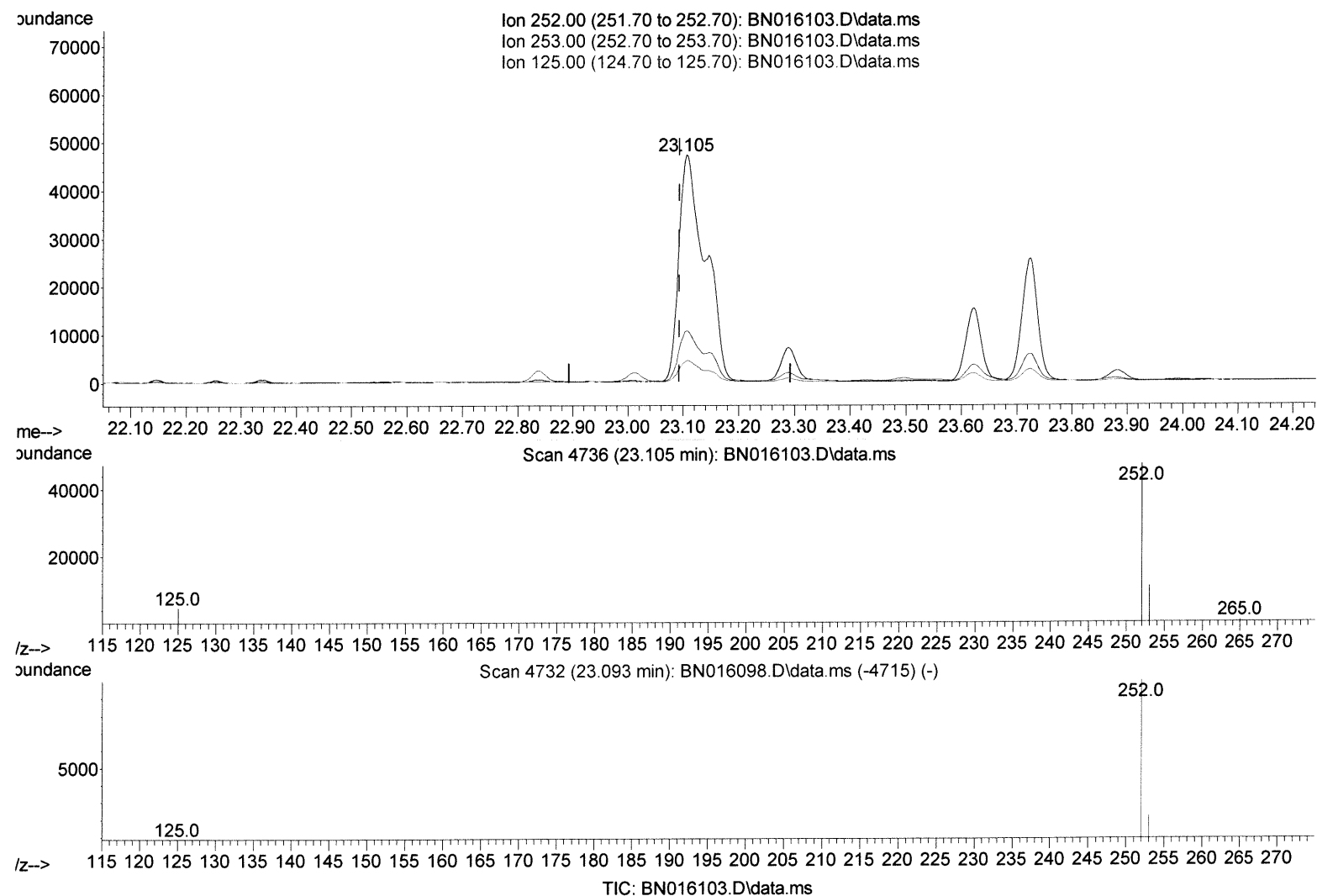
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016103.D
 Acq On : 27 Aug 2021 12:50
 Operator : CG/JU
 Sample : M3458-16DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS2DL

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:10:47 PM

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



(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

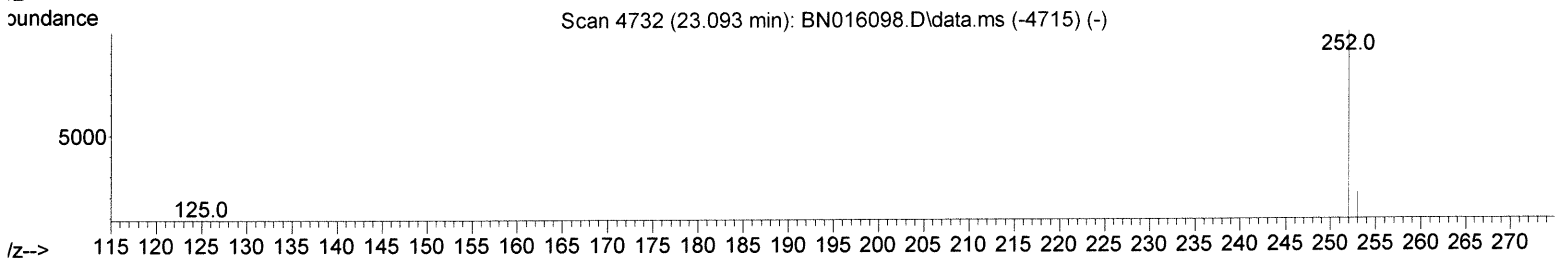
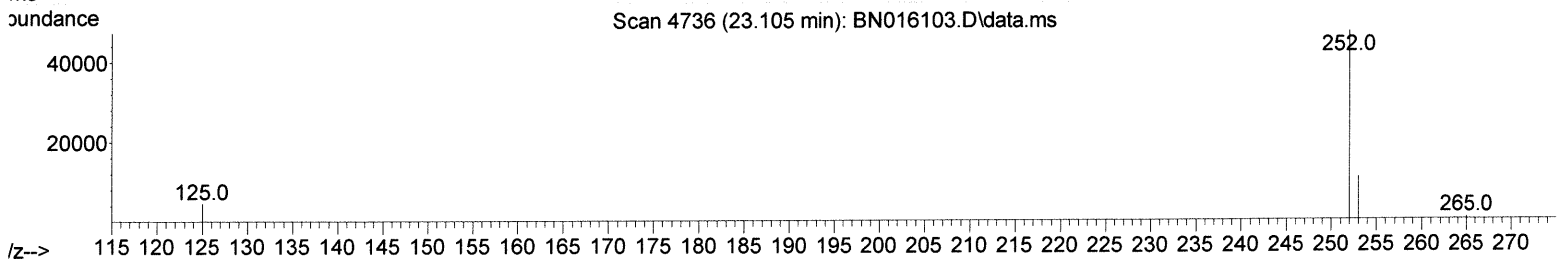
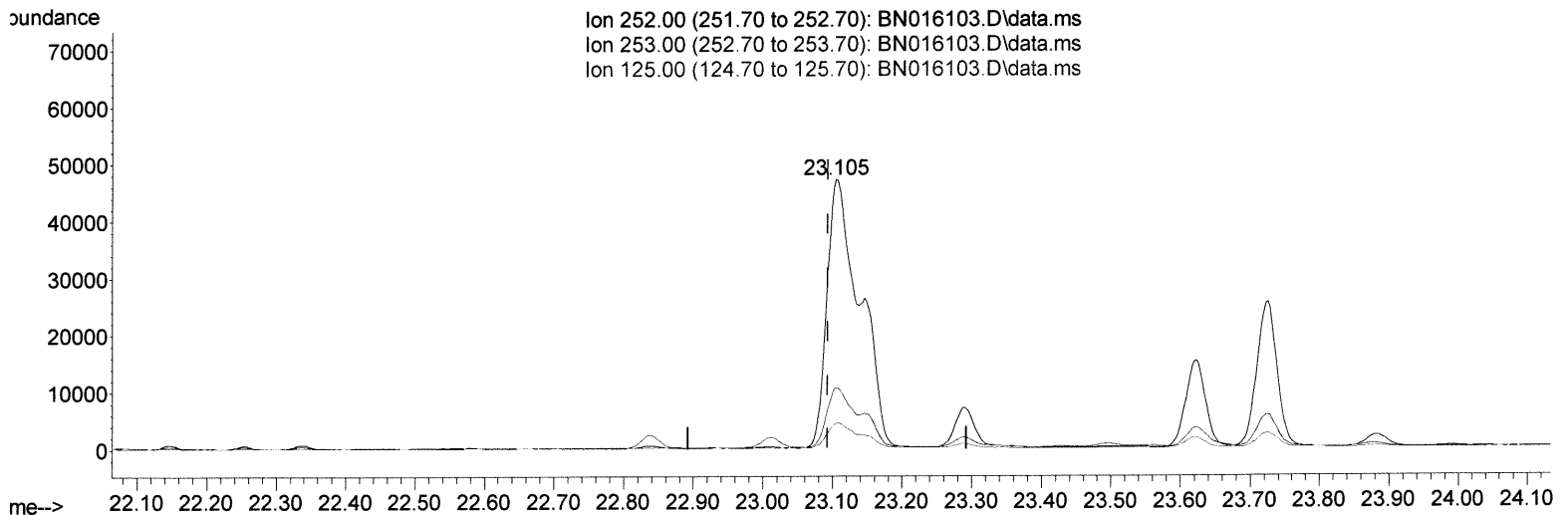
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016103.D
 Acq On : 27 Aug 2021 12:50
 Operator : CG/JU
 Sample : M3458-16DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS2DL

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:10:47 PM

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

JU 8/31/21

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

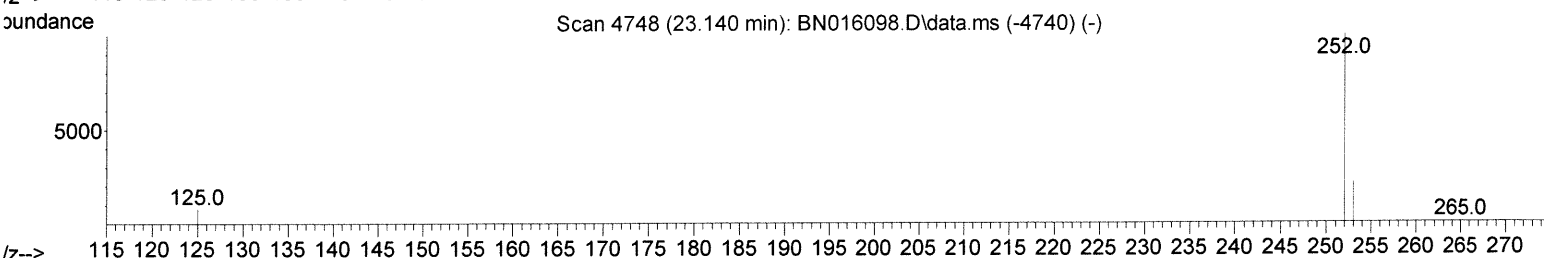
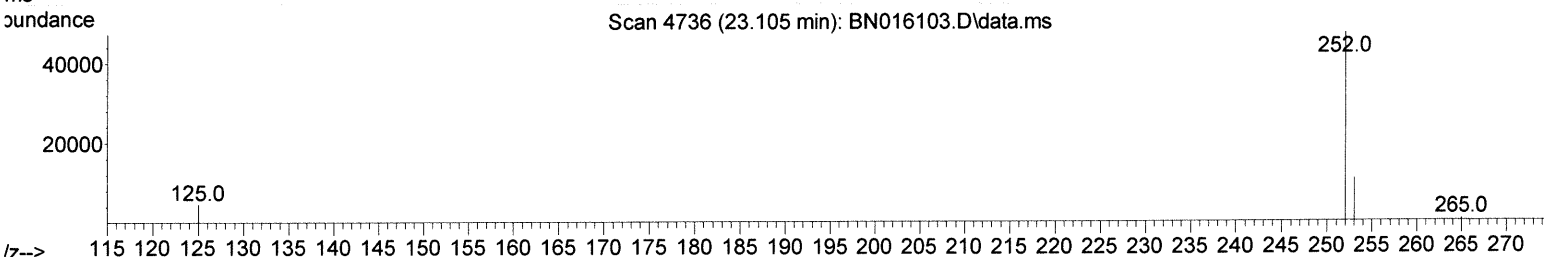
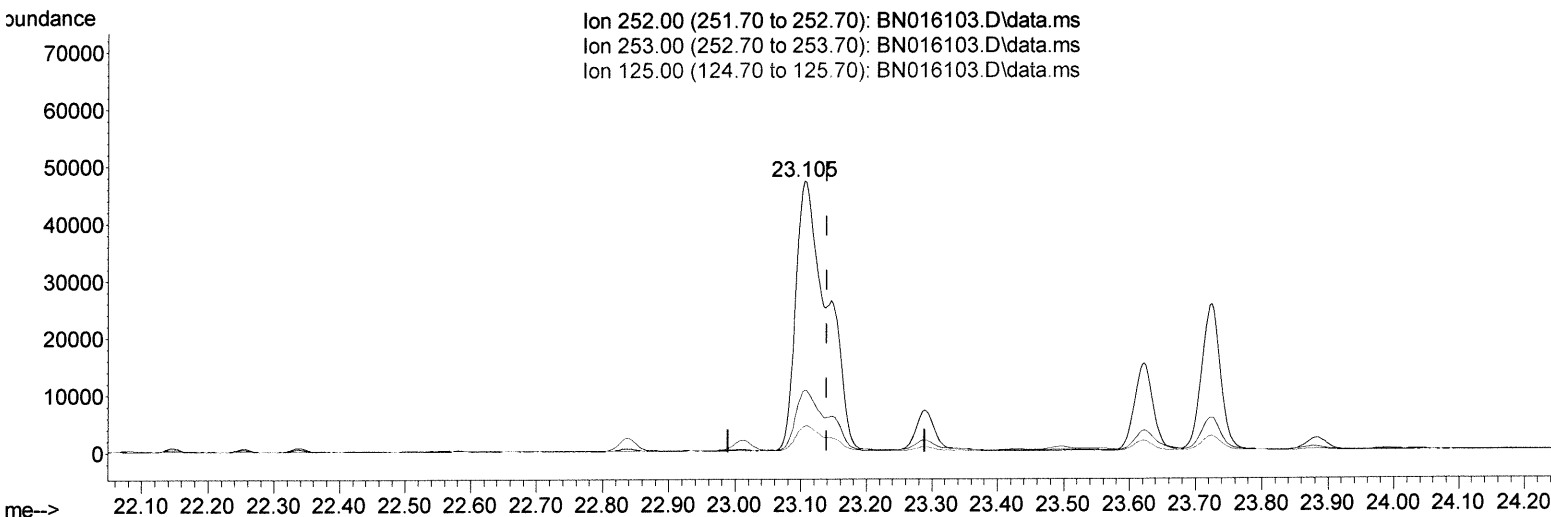
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016103.D
 Acq On : 27 Aug 2021 12:50
 Operator : CG/JU
 Sample : M3458-16DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS2DL

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:10:47 PM

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

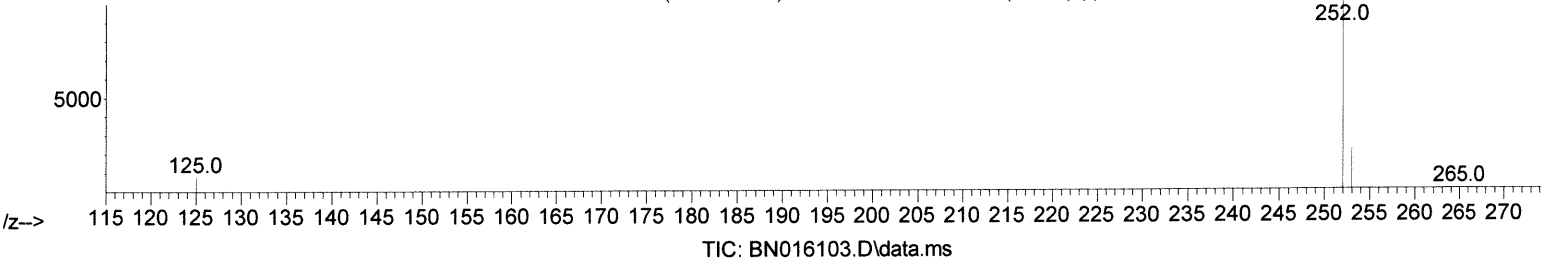
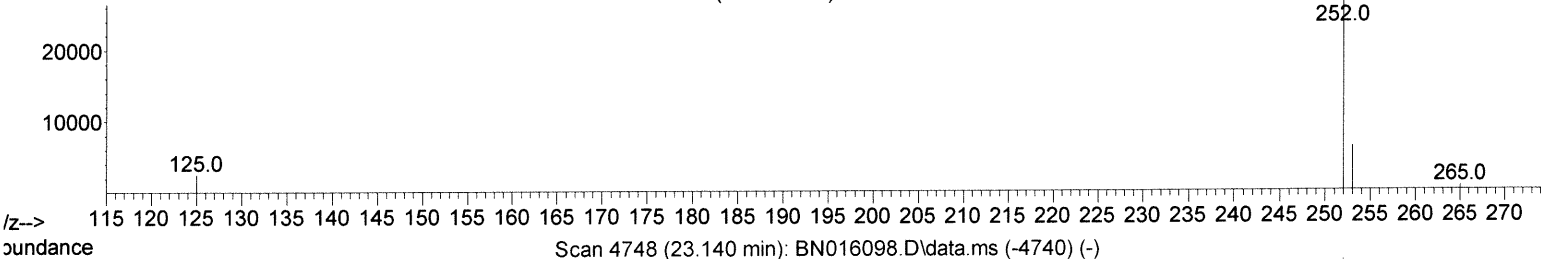
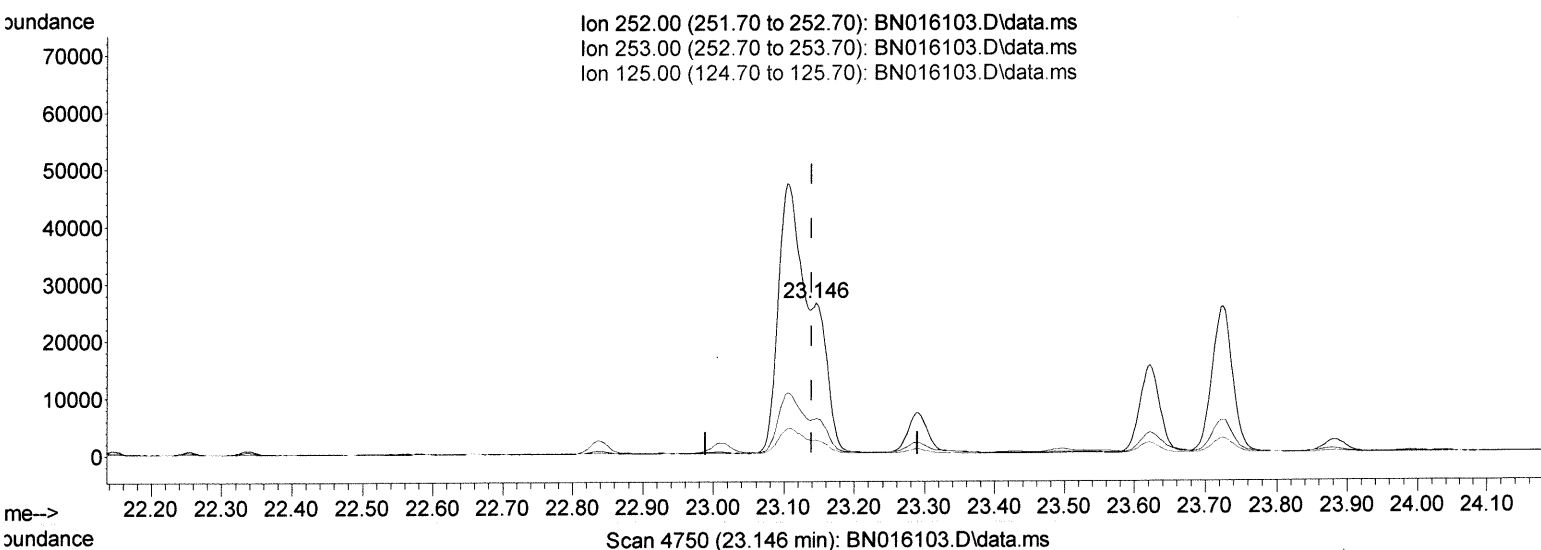
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016103.D
 Acq On : 27 Aug 2021 12:50
 Operator : CG/JU
 Sample : M3458-16DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS2DL

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:10:47 PM

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



(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

ju 8/31/21

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

Instrument :
 BNA_N
 ClientSampleId :
 C0AS2DL

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:10:47 PM

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
 Last Update : Fri Aug 27 10:53:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	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	92 → Ju 8/31/21
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) Dibenzo(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