

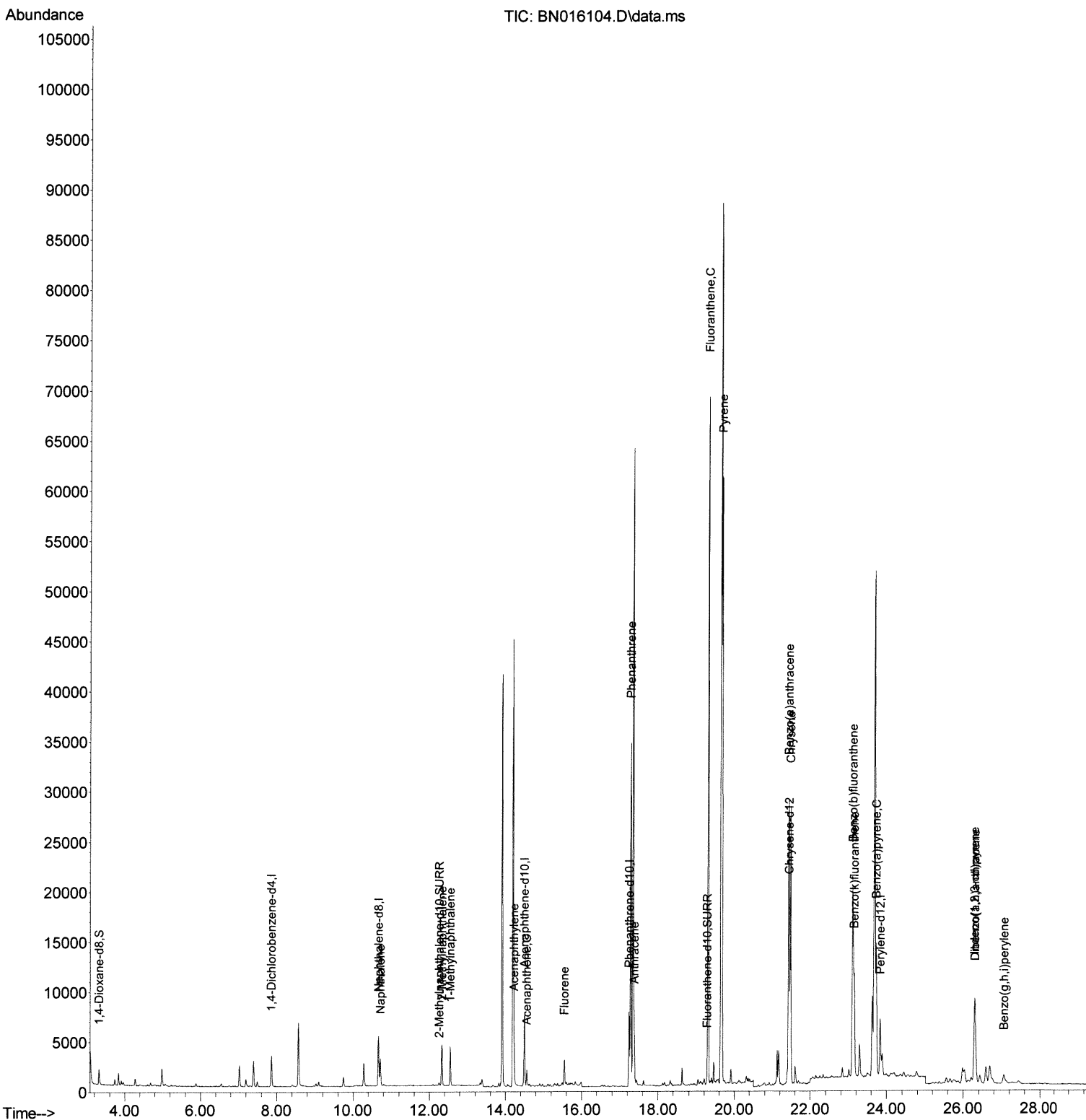
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016104.D
Acq On : 27 Aug 2021 13:27
Operator : CG/JU
Sample : M3458-18DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B56DL

Manual Integrations
APPROVED

mohammad
8/27/2021 5:10:50 PM

Quant Time: Aug 27 13:56:46 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

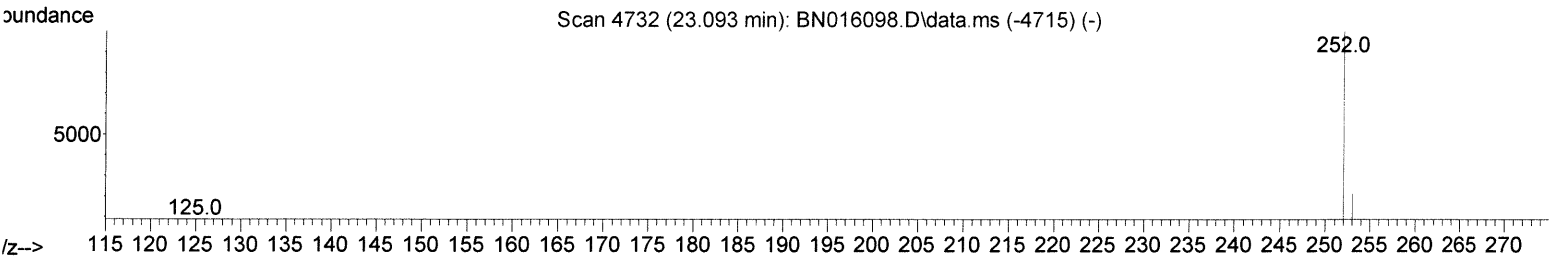
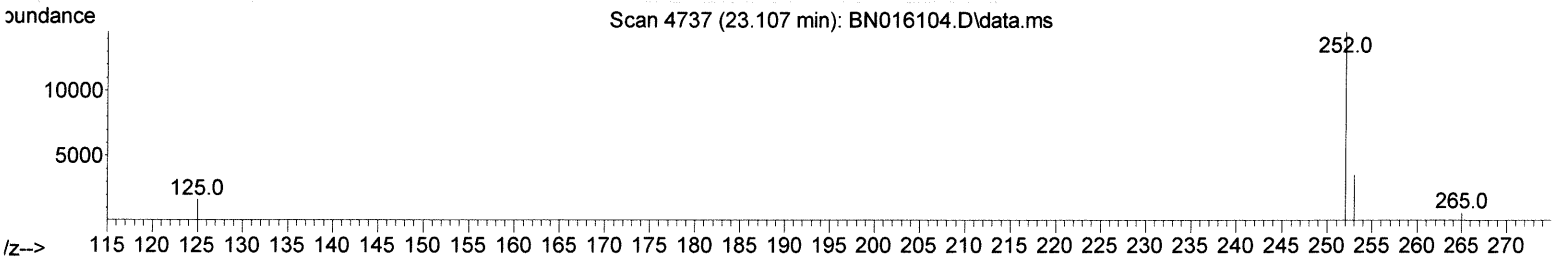
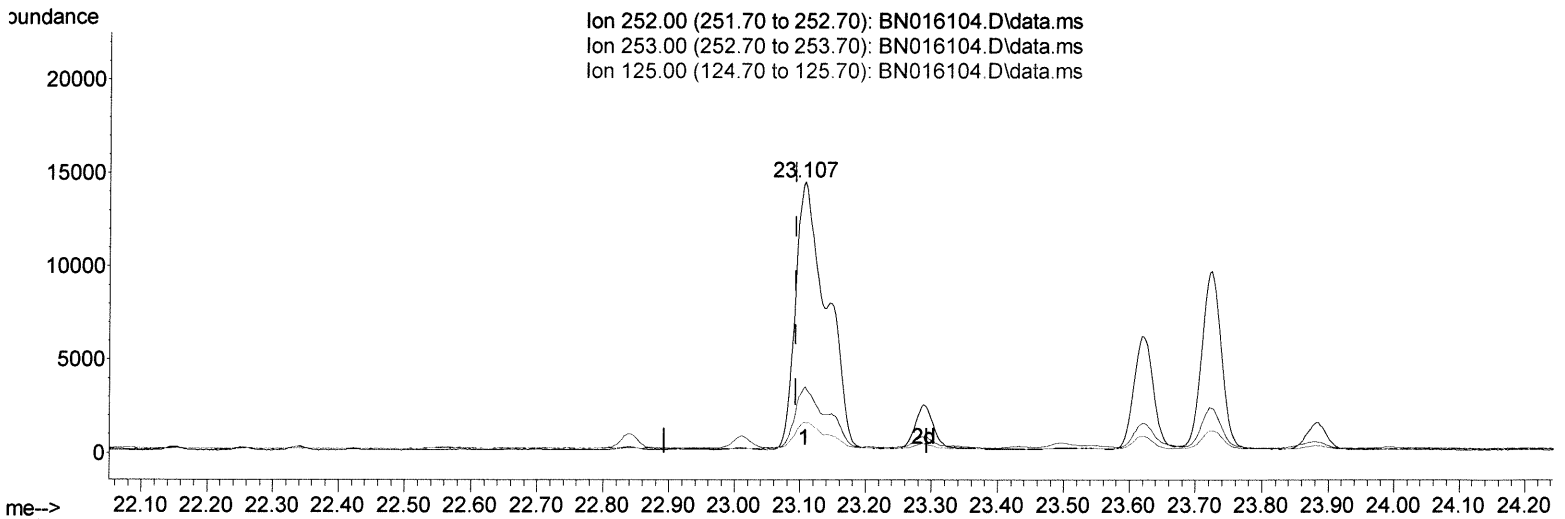


Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016104.D
 Acq On : 27 Aug 2021 13:27
 Operator : CG/JU
 Sample : M3458-18DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B56DL

Manual Integrations
 APPROVED
 mohammad
 8/27/2021 5:10:50 PM

Quant Time: Aug 27 13:56:46 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: BN016104.D\data.ms

(24) Benzo(b)fluoranthene

23.107min (+ 0.014) 1.60 ng/ul

response 47508

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	24.30
125.00	10.80	11.23
0.00	0.00	0.00

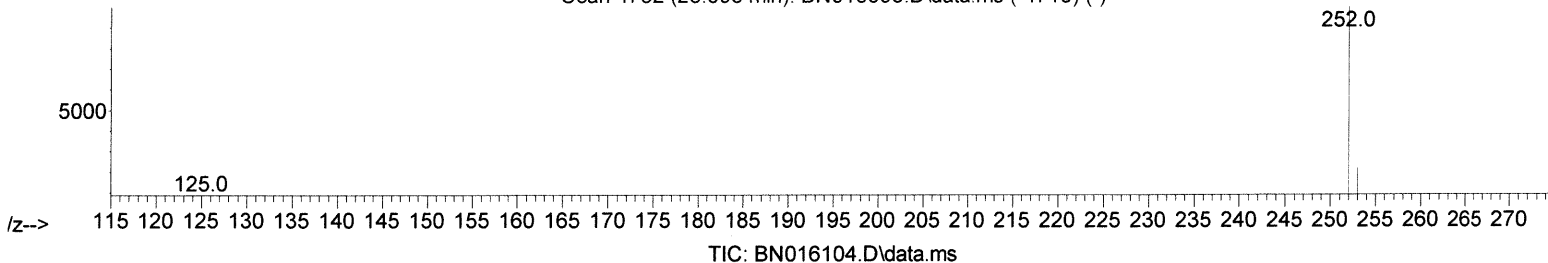
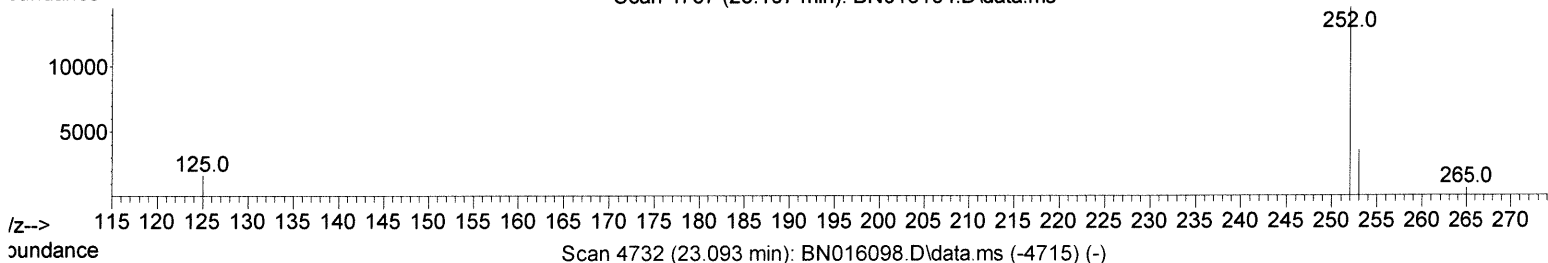
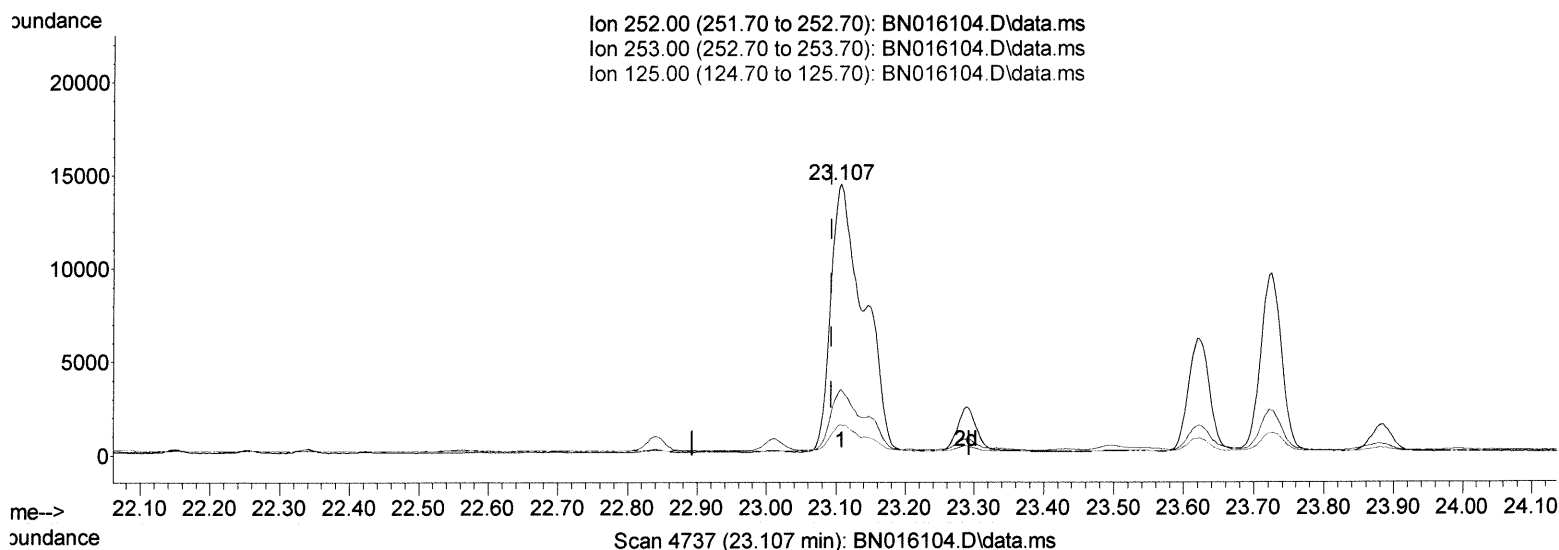
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016104.D
 Acq On : 27 Aug 2021 13:27
 Operator : CG/JU
 Sample : M3458-18DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B56DL

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:10:50 PM

Quant Time: Aug 27 13:56:46 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: BN016104.D\data.ms

(24) Benzo(b)fluoranthene

23.107min (+ 0.014) 1.17 ng/ul m

response 34666

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	24.30
125.00	10.80	11.23
0.00	0.00	0.00

Handwritten: 34 8/31/21

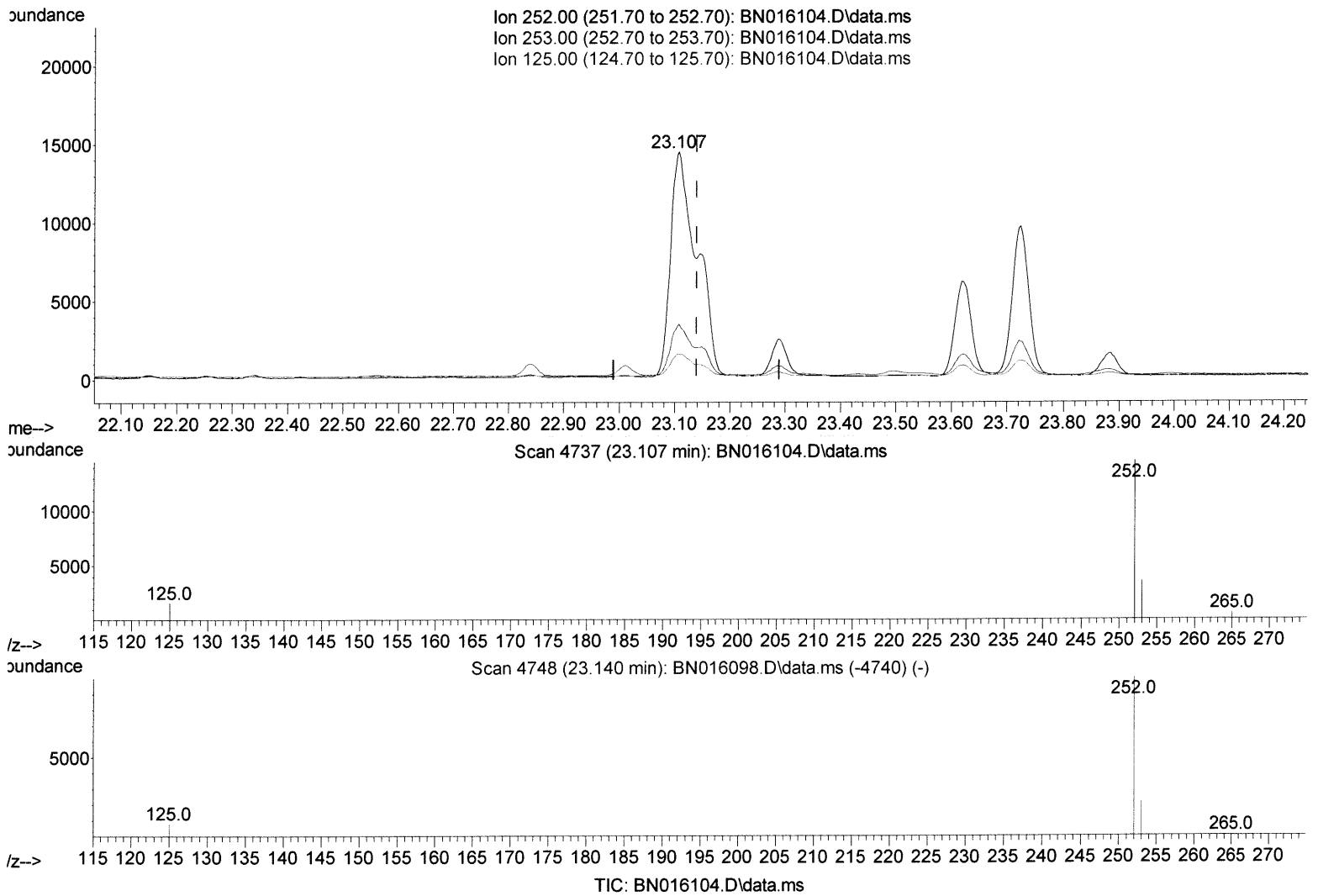
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016104.D
 Acq On : 27 Aug 2021 13:27
 Operator : CG/JU
 Sample : M3458-18DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B56DL

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:10:50 PM

Quant Time: Aug 27 13:56:46 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

23.107min (-0.033) 1.59 ng/ul

response 47508

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.90	24.30
125.00	10.30	11.23
0.00	0.00	0.00

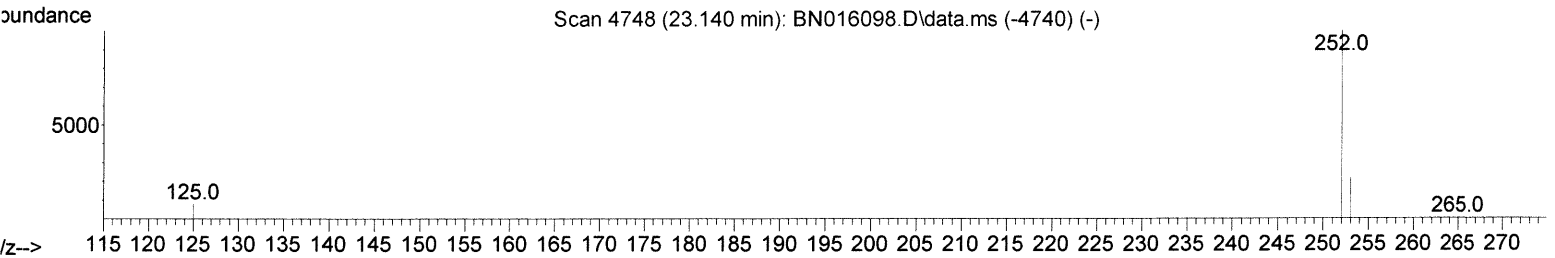
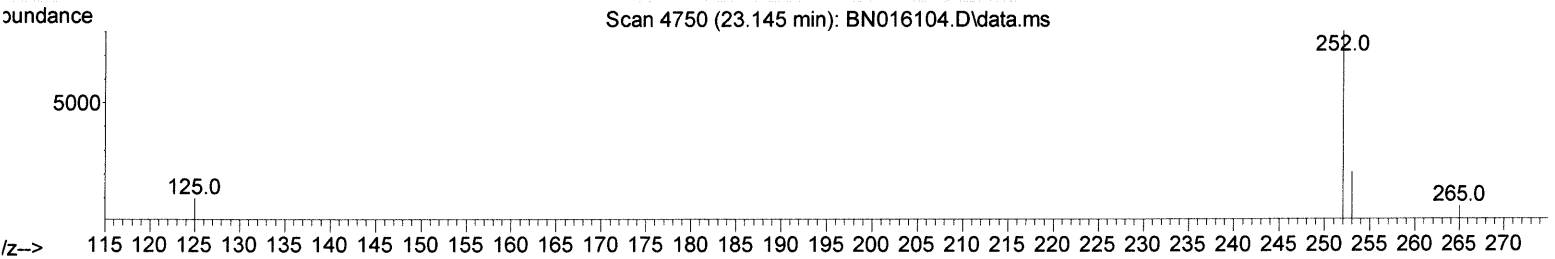
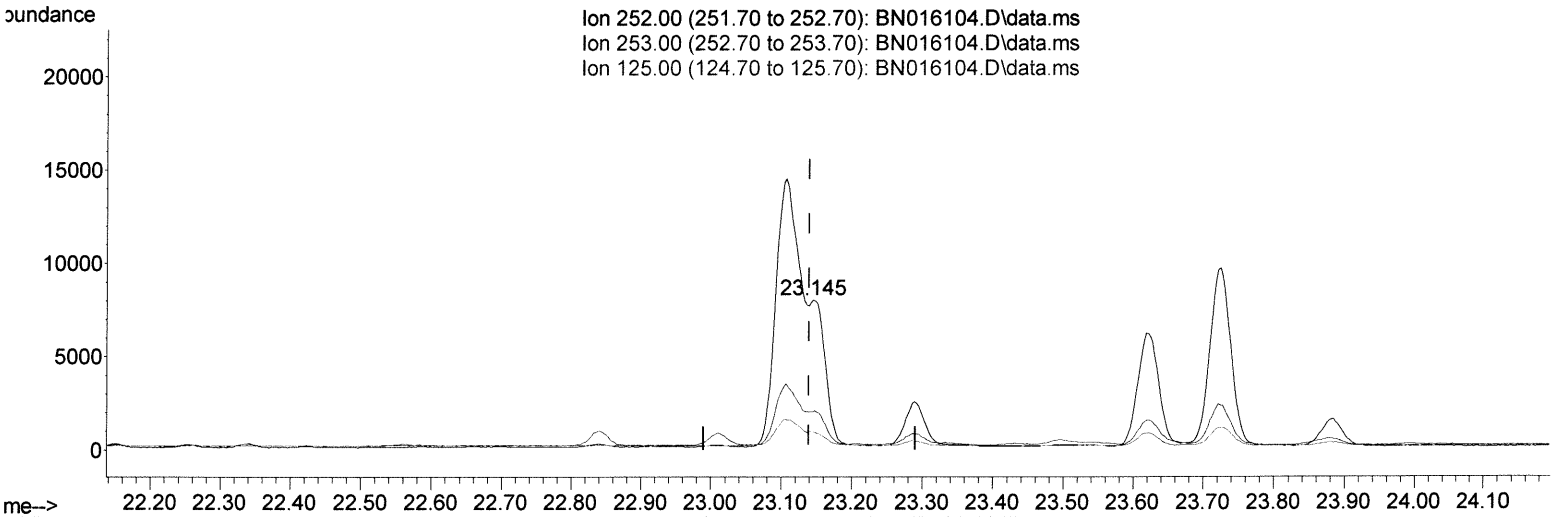
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016104.D
 Acq On : 27 Aug 2021 13:27
 Operator : CG/JU
 Sample : M3458-18DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B56DL

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:10:50 PM

Quant Time: Aug 27 13:56:46 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: BN016104.D\data.ms

(25) Benzo(k)fluoranthene

23.145min (+ 0.005) 0.43 ng/ul m

response 12934

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.90	25.33
125.00	10.30	11.89
0.00	0.00	0.00

Handwritten signature/initials

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016104.D
 Acq On : 27 Aug 2021 13:27
 Operator : CG/JU
 Sample : M3458-18DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 C0B56DL

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:10:50 PM

Quant Time: Aug 27 13:56:46 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	1598	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	7024	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	4403	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.243	188	9008	0.400	ng/ul	0.00
17) Chrysene-d12	21.441	240	8848	0.400	ng/ul	0.00
23) Perylene-d12	23.832	264	7952	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1168	0.539	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	408	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.277	212	997	0.042	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.716	128	3923	0.216	ng/ul	98
7) 2-Methylnaphthalene	12.327	142	3046	0.248	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	2764	0.230	ng/ul	99
10) Acenaphthylene	14.220	152	4779	0.307	ng/ul	98
11) Acenaphthene	14.562	153	1015	0.076	ng/ul	95
12) Fluorene	15.548	166	1650	0.104	ng/ul#	92
15) Phenanthrene	17.285	178	38125	1.534	ng/ul	98
16) Anthracene	17.378	178	5466	0.255	ng/ul	98
19) Fluoranthene	19.304	202	60650	2.194	ng/ul	100
20) Pyrene	19.667	202	50435	1.812	ng/ul	99
21) Benzo(a)anthracene	21.426	228	24859	0.902	ng/ul	96
22) Chrysene	21.476	228	27749	0.936	ng/ul	98
24) Benzo(b)fluoranthene	23.107	252	34666m	1.168	ng/ul	95
25) Benzo(k)fluoranthene	23.145	252	12934m	0.433	ng/ul	
26) Benzo(a)pyrene	23.724	252	19849	0.796	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.296	276	15630	0.473	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.306	278	4133	0.149	ng/ul#	85
29) Benzo(g,h,i)perylene	27.060	276	2387	0.084	ng/ul#	81

Handwritten note: 8/31/21

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