

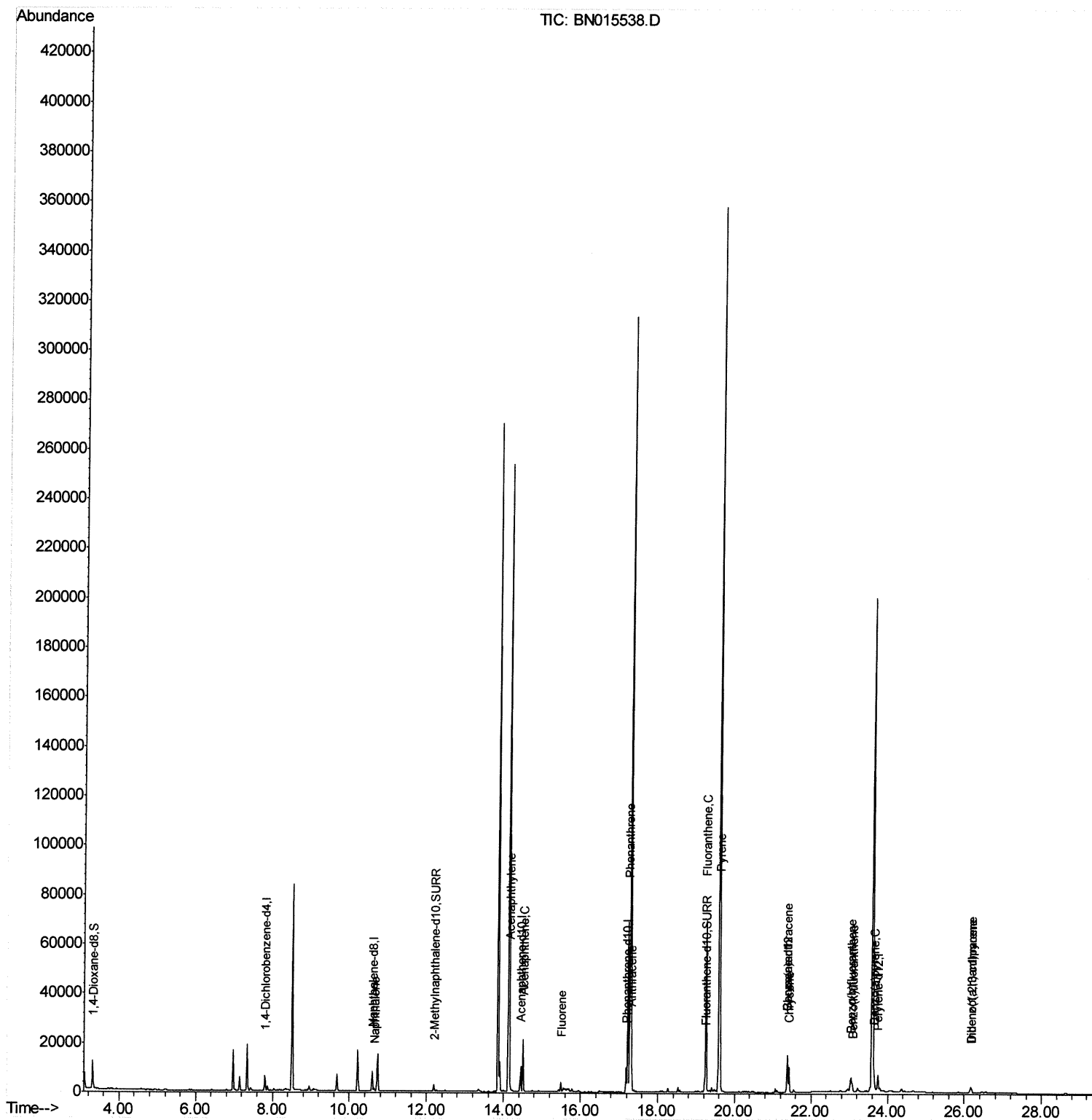
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015538.D
Acq On : 13 Jul 2021 20:53
Operator : CG/JU
Sample : M2869-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDX2

Manual Integrations
APPROVED

mohammad
7/14/2021 12:14:46 PM

Quant Time: Jul 14 05:17:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 05:03:50 2021
Response via : Initial Calibration



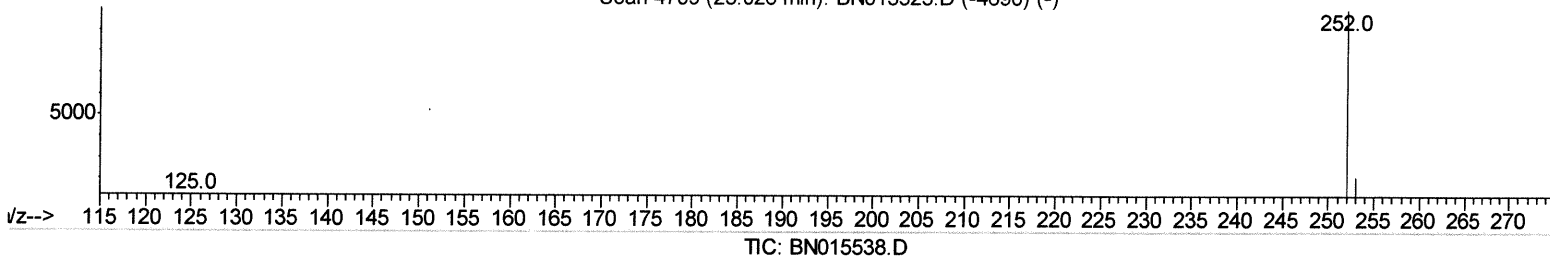
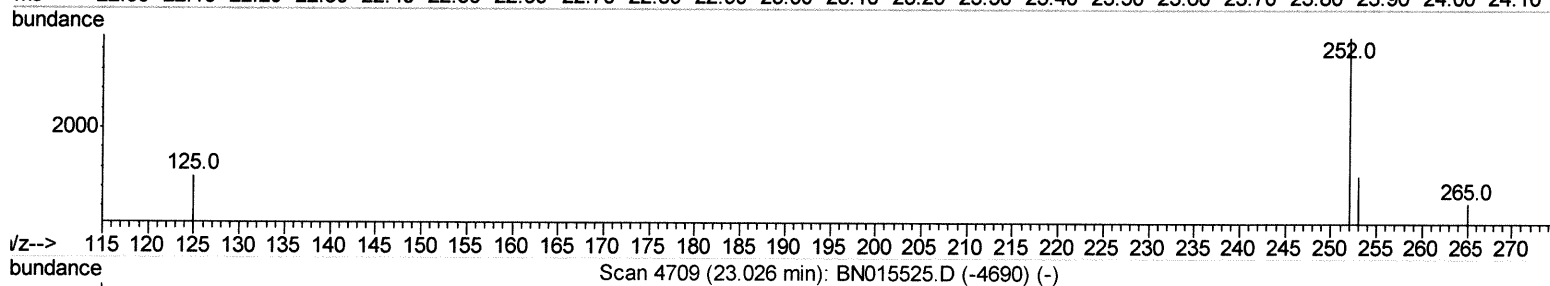
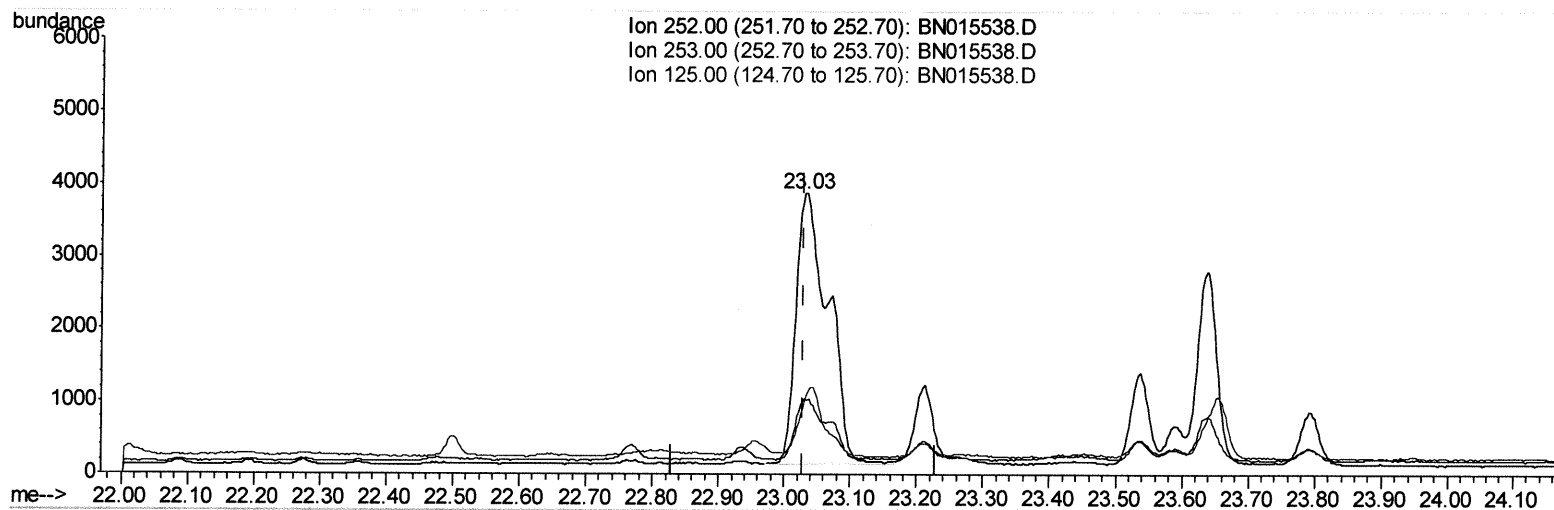
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
 Data File : BN015538.D
 Acq On : 13 Jul 2021 20:53
 Operator : CG/JU
 Sample : M2869-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDX2

Manual Integrations
 APPROVED

mohammad
 7/14/2021 12:14:46 PM

Quant Time: Jul 14 05:14:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 14 05:03:50 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

23.031min (+0.002) 0.30ng/ul

response 12629

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	26.81
125.00	14.20	25.98
0.00	0.00	0.00

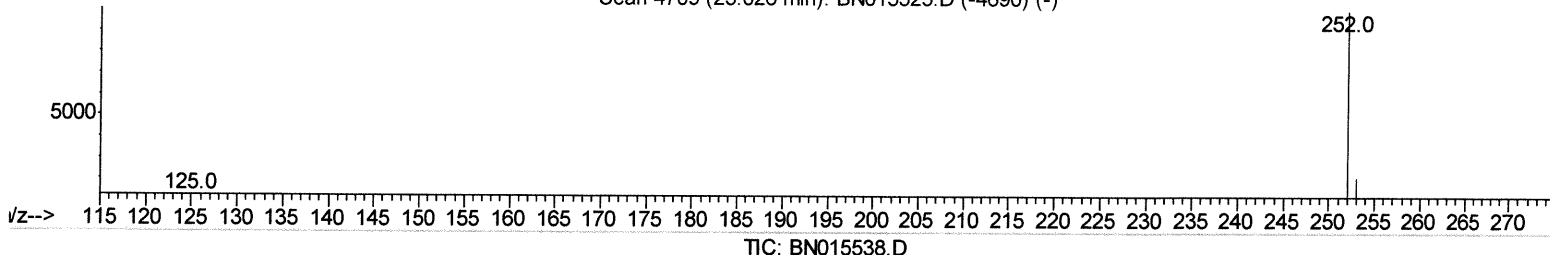
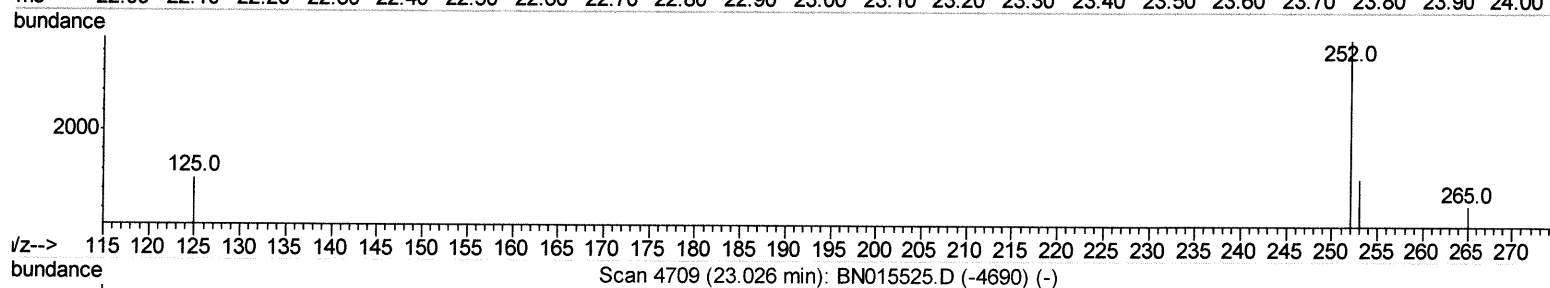
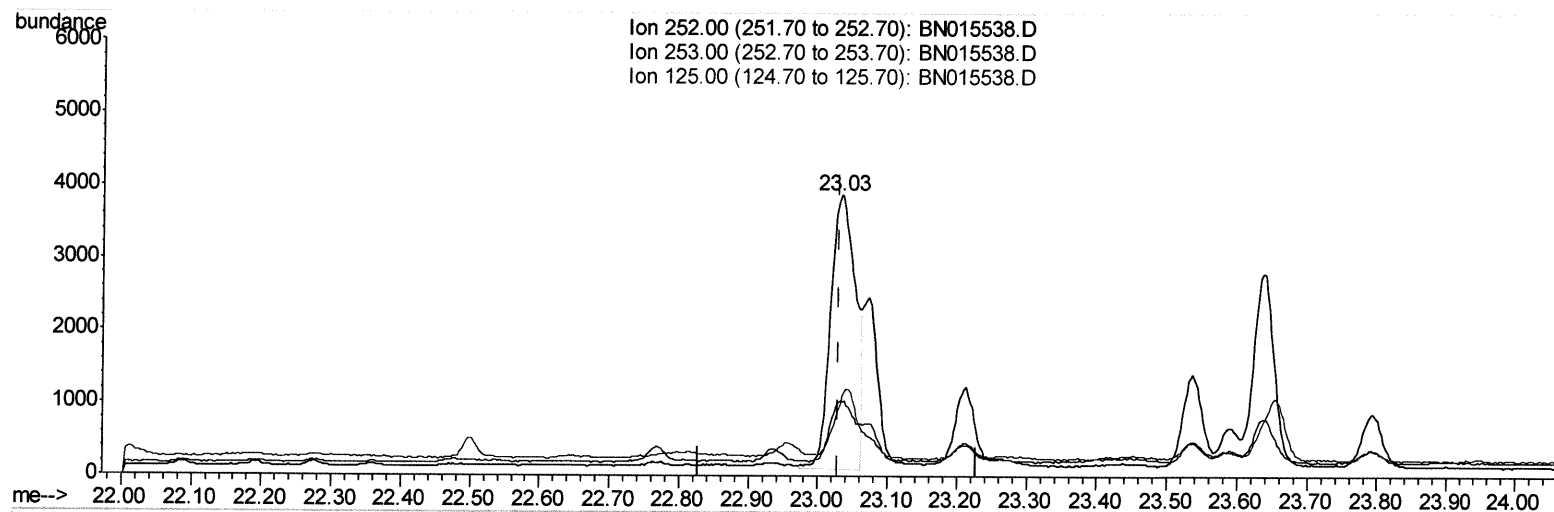
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
 Data File : BN015538.D
 Acq On : 13 Jul 2021 20:53
 Operator : CG/JU
 Sample : M2869-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDx2

Manual Integrations
 APPROVED

mohammad
 7/14/2021 12:14:46 PM

Quant Time: Jul 14 05:14:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 14 05:03:50 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

23.031min (+0.002) 0.22ng/ul m

response 9262

ju 7/15/21

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	26.81
125.00	14.20	25.98
0.00	0.00	0.00

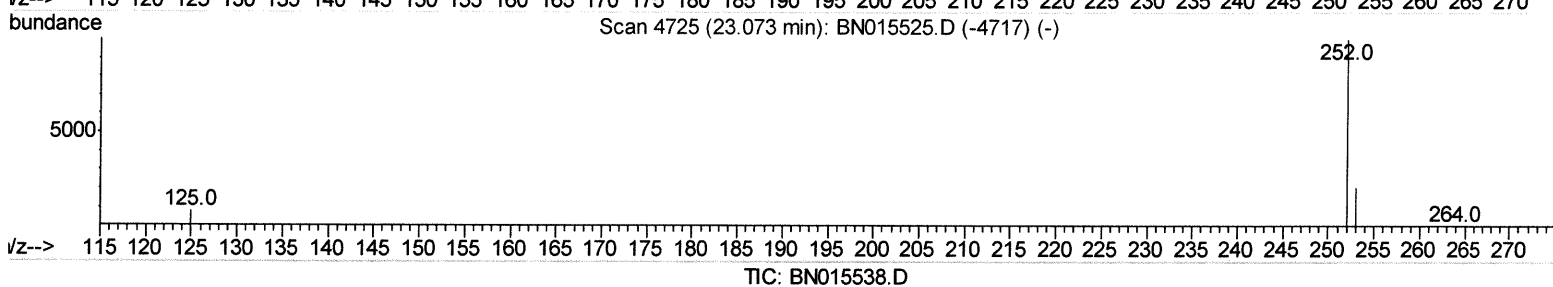
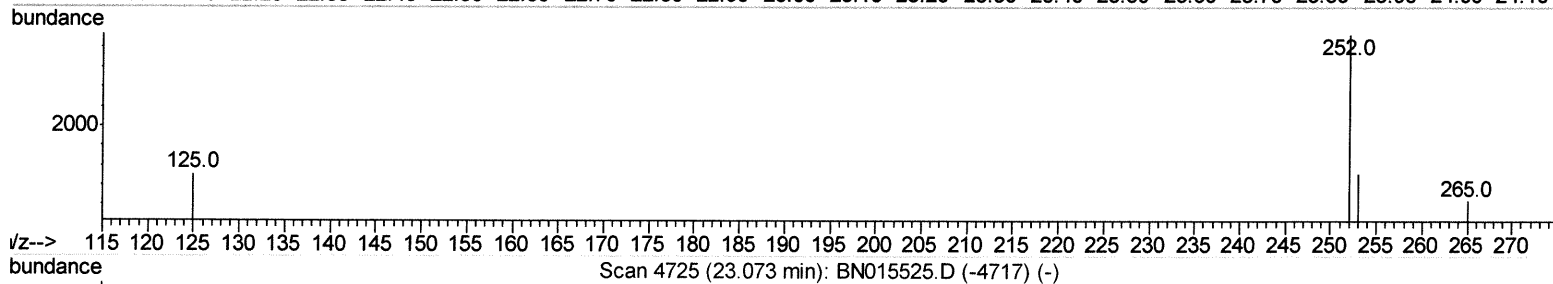
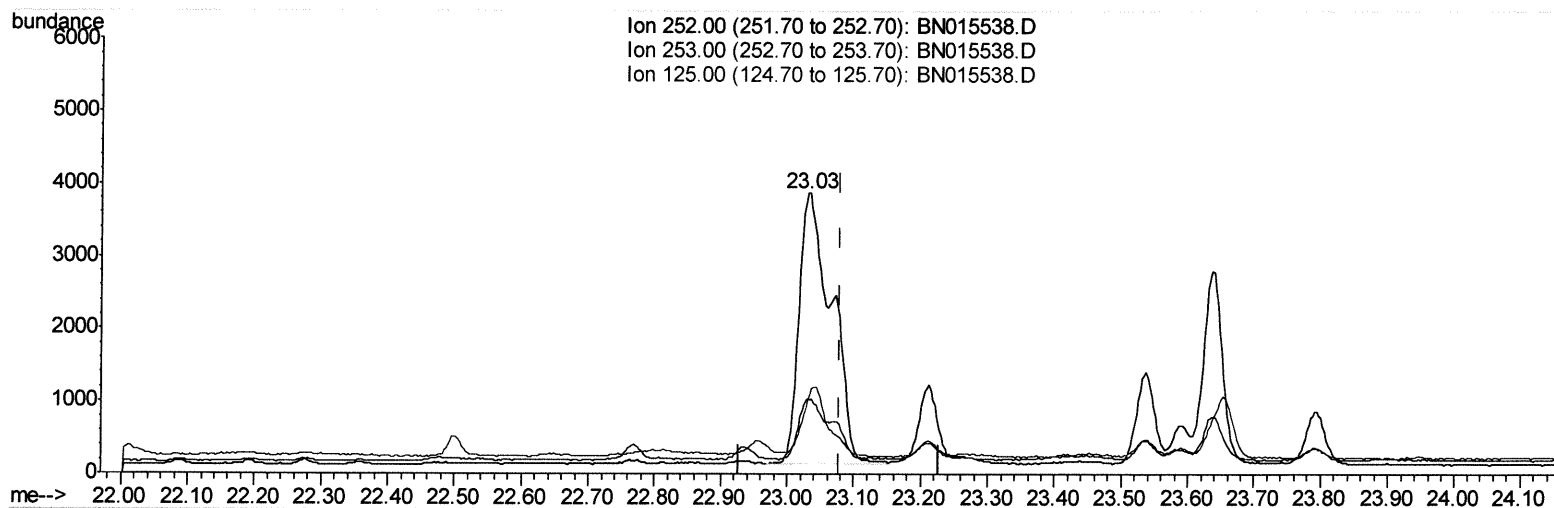
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
 Data File : BN015538.D
 Acq On : 13 Jul 2021 20:53
 Operator : CG/JU
 Sample : M2869-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDX2

Manual Integrations
 APPROVED

mohammad
 7/14/2021 12:14:46 PM

Quant Time: Jul 14 05:14:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 14 05:03:50 2021
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

23.031min (-0.048) 0.27ng/ul

response 12609

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	26.81
125.00	14.40	25.98#
0.00	0.00	0.00

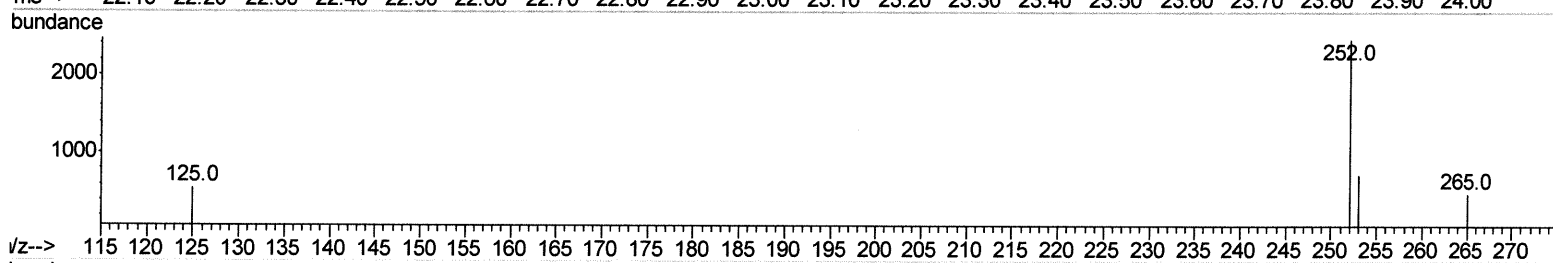
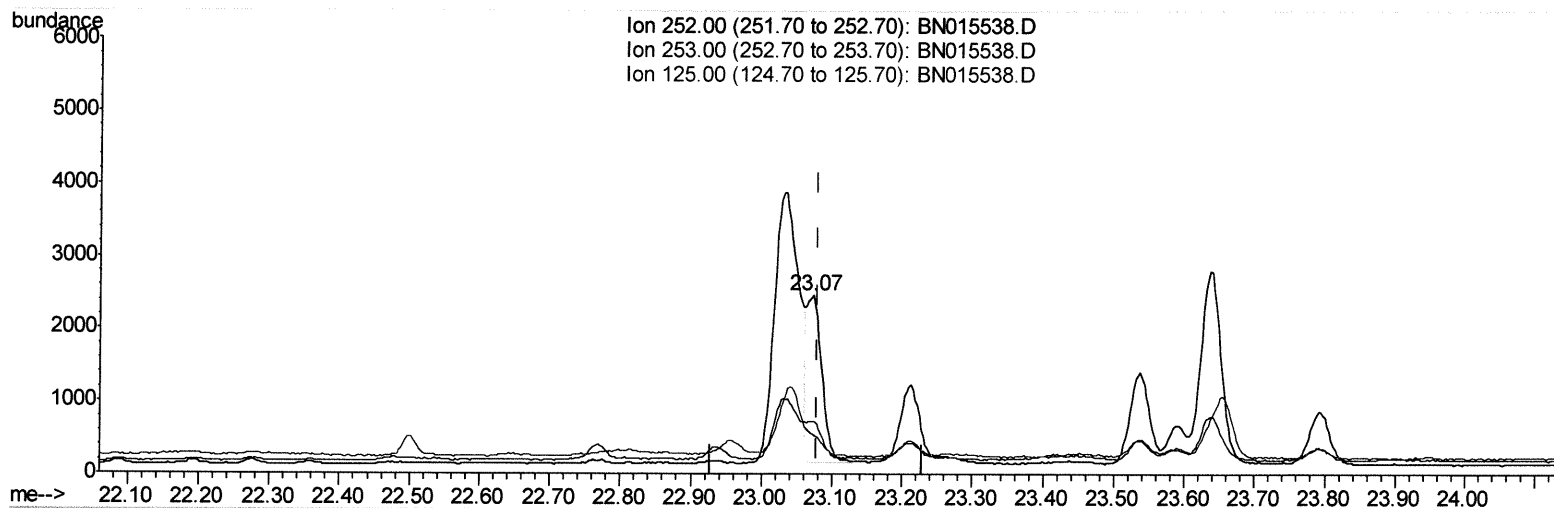
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
 Data File : BN015538.D
 Acq On : 13 Jul 2021 20:53
 Operator : CG/JU
 Sample : M2869-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDx2

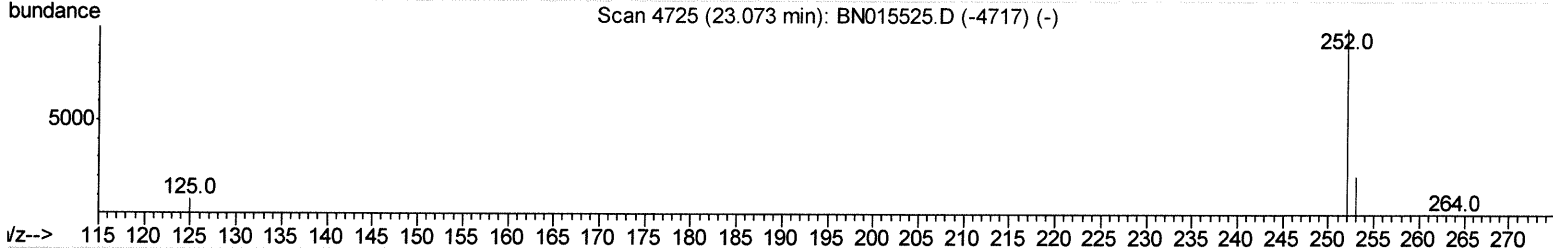
Manual Integrations
 APPROVED

mohammad
 7/14/2021 12:14:46 PM

Quant Time: Jul 14 05:14:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 14 05:03:50 2021
 Response via : Initial Calibration



Scan 4725 (23.073 min): BN015525.D (-4717) (-)



TIC: BN015538.D

(25) Benzo(k)fluoranthene

23.072min (-0.007) 0.07ng/ul m

response 3482

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	29.52#
125.00	14.40	22.15#
0.00	0.00	0.00

Handwritten signature/initials

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
 Data File : BN015538.D
 Acq On : 13 Jul 2021 20:53
 Operator : CG/JU
 Sample : M2869-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDx2

Manual Integrations
 APPROVED

mohammad
 7/14/2021 12:14:46 PM

Quant Time: Jul 14 05:17:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 14 05:03:50 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2934	0.40	ng/ul	0.00
4) Naphthalene-d8	10.60	136	10407	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.44	164	5597	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.19	188	11044	0.40	ng/ul	0.00
17) Chrysene-d12	21.39	240	9288	0.40	ng/ul	0.00
23) Perylene-d12	23.74	264	8925	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	7931	2.40	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.19	152	3240	0.20	ng/ul	0.00
18) Fluoranthene-d10	19.23	212	6465	0.21	ng/ul	0.00
Target Compounds					Ovalue	
5) Naphthalene	10.64	128	1543	0.046	ng/ul#	88
10) Acenaphthylene	14.16	152	1007	0.035	ng/ul#	75
11) Acenaphthene	14.50	153	12444	0.561	ng/ul	99
12) Fluorene	15.49	166	2373	0.097	ng/ul#	96
15) Phenanthrene	17.23	178	74415	1.856	ng/ul	100
16) Anthracene	17.32	178	10985	0.311	ng/ul	100
19) Fluoranthene	19.25	202	55382	1.290	ng/ul	98
20) Pyrene	19.62	202	42690	0.992	ng/ul	99
21) Benzo(a)anthracene	21.37	228	10524	0.306	ng/ul	93
22) Chrysene	21.42	228	9495	0.231	ng/ul	98
24) Benzo(b)fluoranthene	23.03	252	9262m	0.222	ng/ul	Jy 7/14/21
25) Benzo(k)fluoranthene	23.07	252	3482m	0.074	ng/ul	
26) Benzo(a)pyrene	23.64	252	5264	0.150	ng/ul#	
27) Indeno(1,2,3-cd)pyrene	26.17	276	3569	0.084	ng/ul#	
28) Dibenzo(a,h)anthracene	26.18	278	1020	0.031	ng/ul#	53

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