

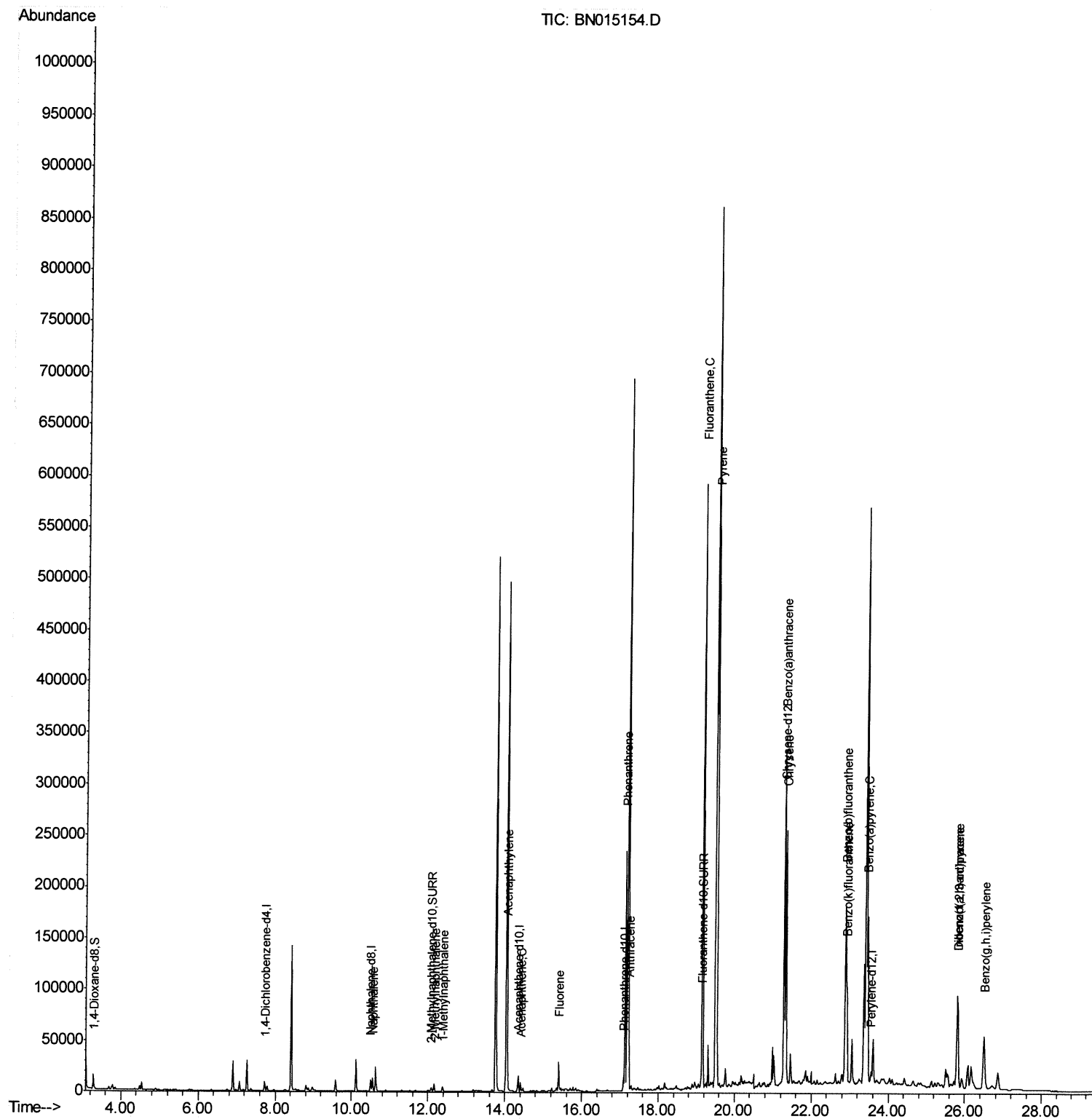
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015154.D
Acq On : 27 Jun 2021 15:40
Operator : CG/JU
Sample : M2704-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGD85

Quant Time: Jun 28 04:15:49 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 : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
6/28/2021 1:28:45 PM



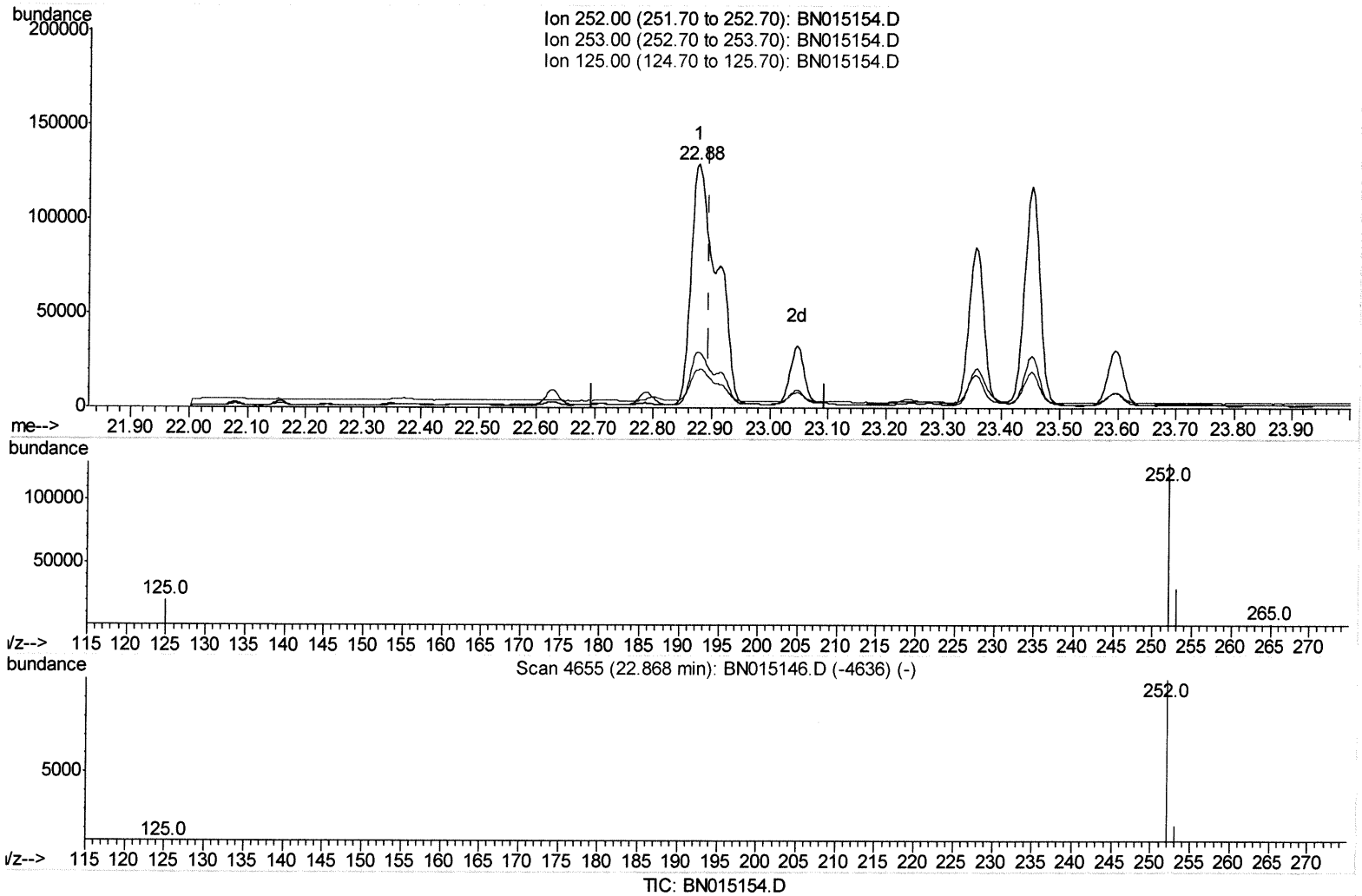
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015154.D
Acq On : 27 Jun 2021 15:40
Operator : CG/JU
Sample : M2704-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGD85

Quant Time: Jun 28 01:28:15 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 : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
6/28/2021 1:28:45 PM



(24) Benzo(b)fluoranthene

22.876min (-0.018) 6.10ng/ul

response 396897

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.88
125.00	14.20	15.67
0.00	0.00	0.00

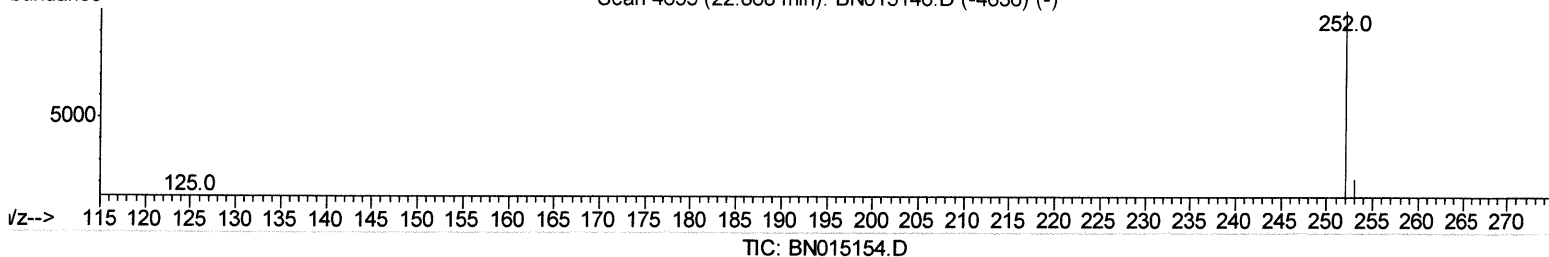
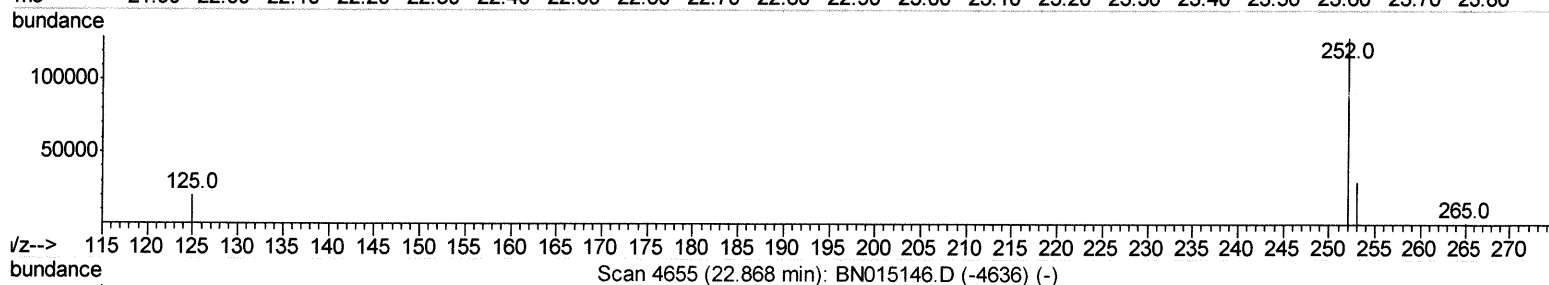
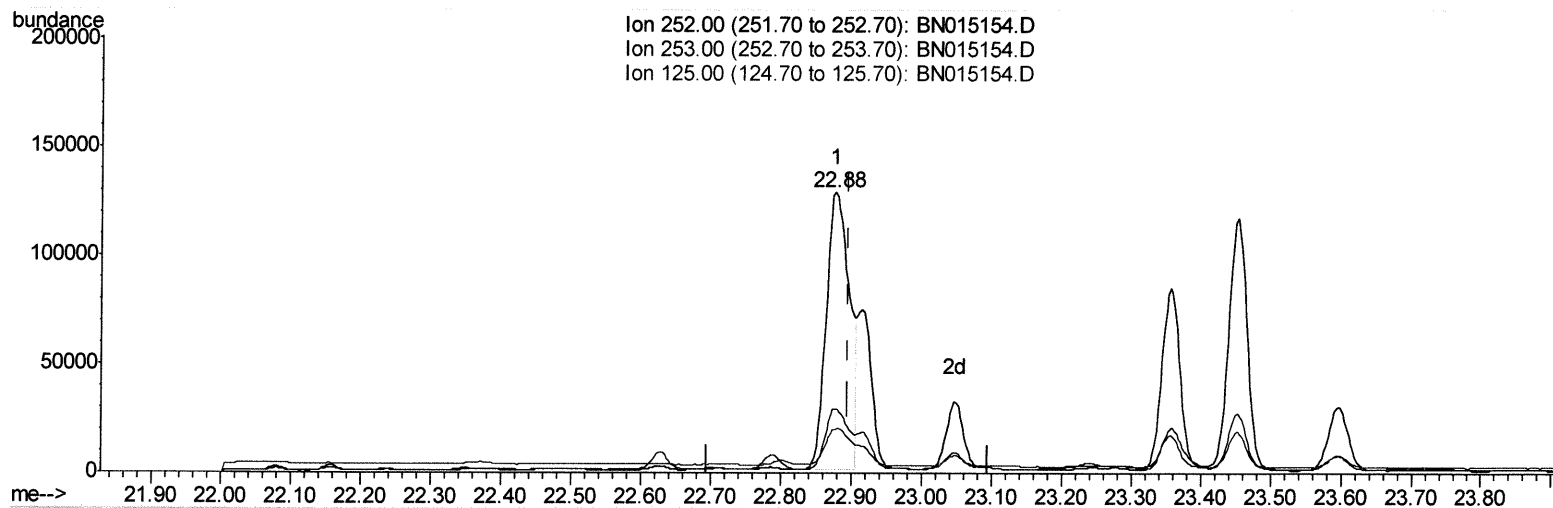
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015154.D
 Acq On : 27 Jun 2021 15:40
 Operator : CG/JU
 Sample : M2704-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD85

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:28:45 PM

Quant Time: Jun 28 01:28:15 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 : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

22.876min (-0.018) 4.48ng/ul m
 response 291446

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.88
125.00	14.20	15.67
0.00	0.00	0.00

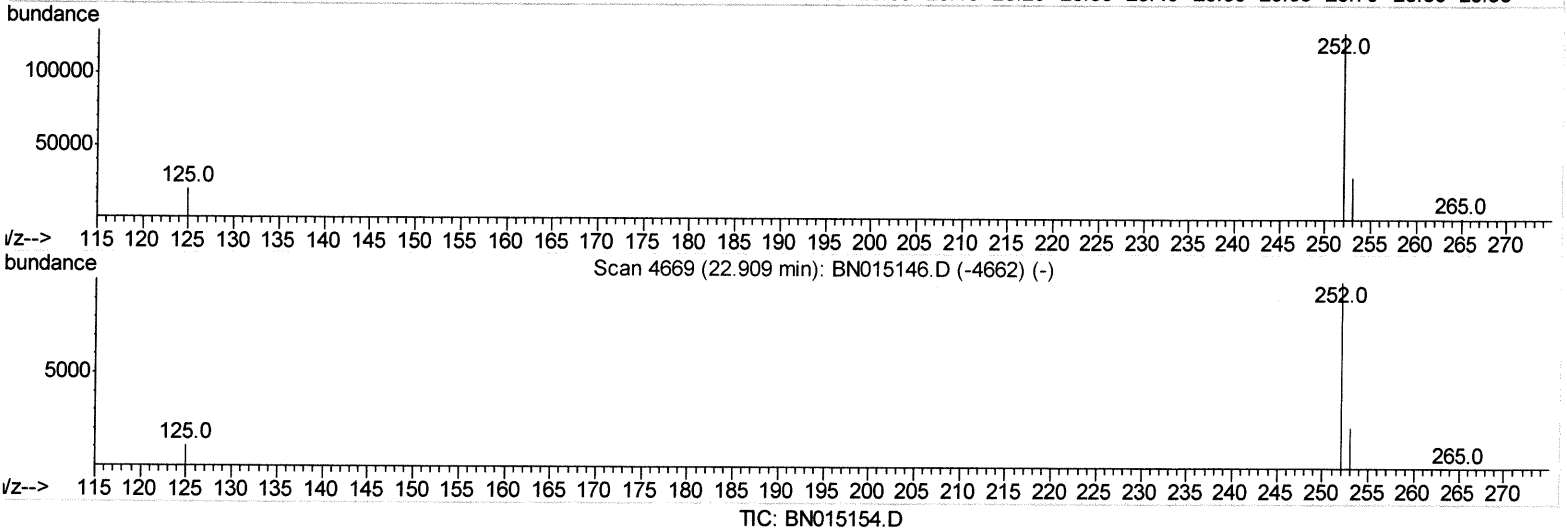
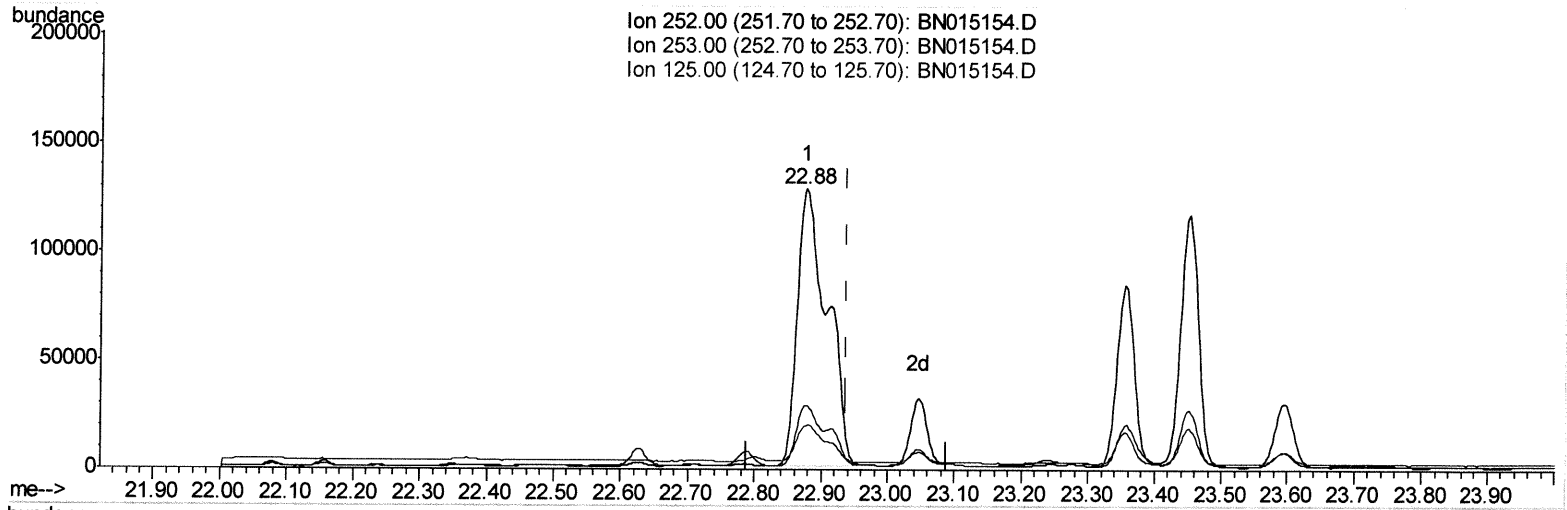
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015154.D
 Acq On : 27 Jun 2021 15:40
 Operator : CG/JU
 Sample : M2704-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD85

Quant Time: Jun 28 04:15:08 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 : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:28:45 PM



(25) Benzo(k)fluoranthene
 22.876min (-0.062) 5.41ng/ul
 response 396808

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.88
125.00	14.40	15.67
0.00	0.00	0.00

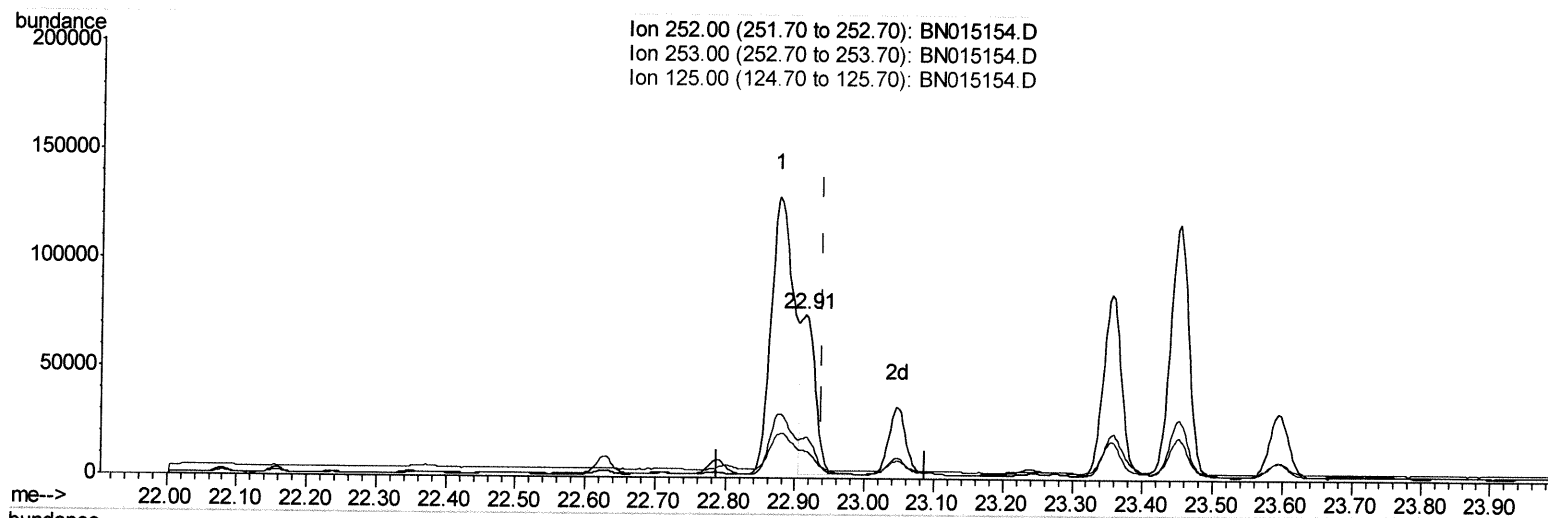
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015154.D
 Acq On : 27 Jun 2021 15:40
 Operator : CG/JU
 Sample : M2704-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD85

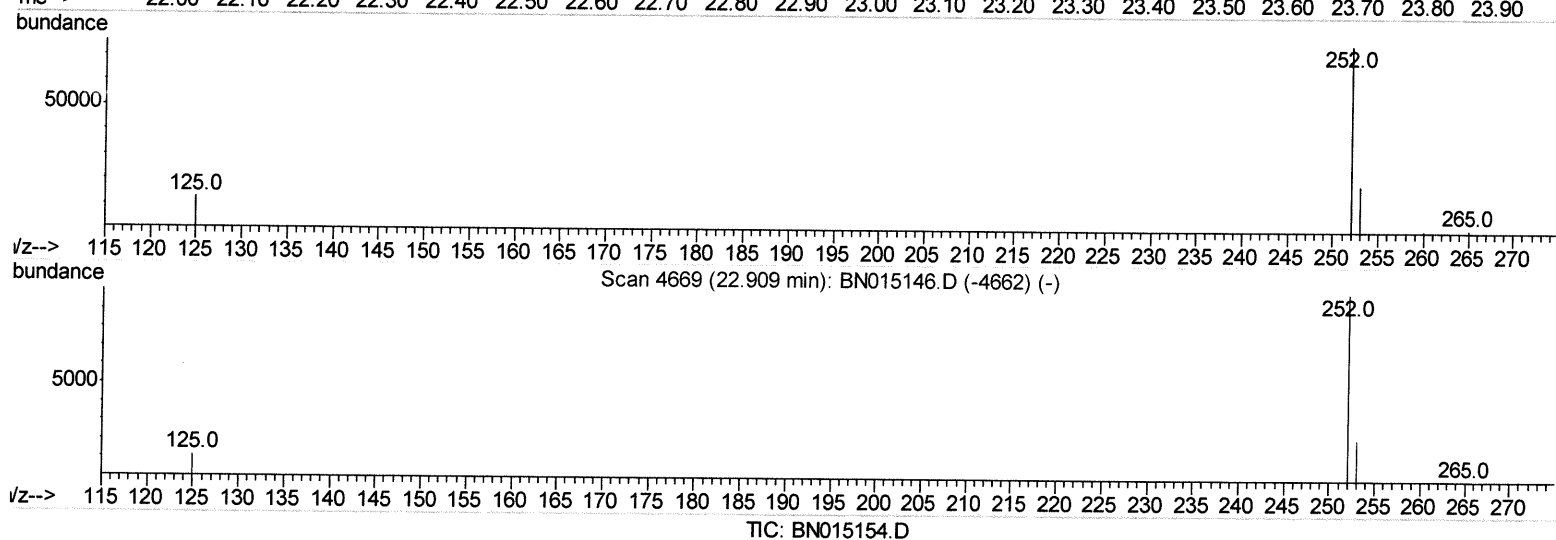
Quant Time: Jun 28 04:15:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:28:45 PM



Ion 252.00 (251.70 to 252.70): BN015154.D
 Ion 253.00 (252.70 to 253.70): BN015154.D
 Ion 125.00 (124.70 to 125.70): BN015154.D



(25) Benzo(k)fluoranthene

22.914min (-0.024) 1.42ng/ul m

response 104111

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	25.14
125.00	14.40	16.76
0.00	0.00	0.00

Handwritten: 30/30/21

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015154.D
 Acq On : 27 Jun 2021 15:40
 Operator : CG/JU
 Sample : M2704-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD85

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:28:45 PM

Quant Time: Jun 28 04:15:49 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 : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3857	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.50	136	13762	0.40	ng/ul	-0.01
9) Acenaphthene-d10	14.35	164	7925	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.10	188	16861	0.40	ng/ul	-0.01
17) Chrysene-d12	21.30	240	14689	0.40	ng/ul	-0.02
23) Perylene-d12	23.55	264	13920	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	8883	2.04	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.09	152	4312	0.20	ng/ul	-0.02
18) Fluoranthene-d10	19.13	212	12016	0.25	ng/ul	-0.01
Target Compounds						
					Ovalue	
5) Naphthalene	10.55	128	16480	0.375	ng/ul	99
7) 2-Methylnaphthalene	12.16	142	4638	0.161	ng/ul	99
8) 1-Methylnaphthalene	12.38	142	3259	0.117	ng/ul	99
10) Acenaphthylene	14.07	152	30249	0.738	ng/ul	100
11) Acenaphthene	14.41	153	5369	0.171	ng/ul	98
12) Fluorene	15.40	166	18477	0.533	ng/ul	99
15) Phenanthrene	17.14	178	239475	3.913	ng/ul	100
16) Anthracene	17.23	178	67139	1.244	ng/ul	99
19) Fluoranthene	19.16	202	495753	7.304	ng/ul	98
20) Pyrene	19.53	202	433181	6.363	ng/ul	100
21) Benzo(a)anthracene	21.28	228	271920	4.997	ng/ul	95
22) Chrysene	21.34	228	243460	3.737	ng/ul	97
24) Benzo(b)fluoranthene	22.88	252	291446m	4.482	ng/ul	99
25) Benzo(k)fluoranthene	22.91	252	104111m	1.418	ng/ul	99
26) Benzo(a)pyrene	23.45	252	214837	3.933	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.80	276	135228	2.050	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.81	278	39893	0.771	ng/ul	91
29) Benzo(g,h,i)perylene	26.50	276	105195	1.721	ng/ul	99

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