

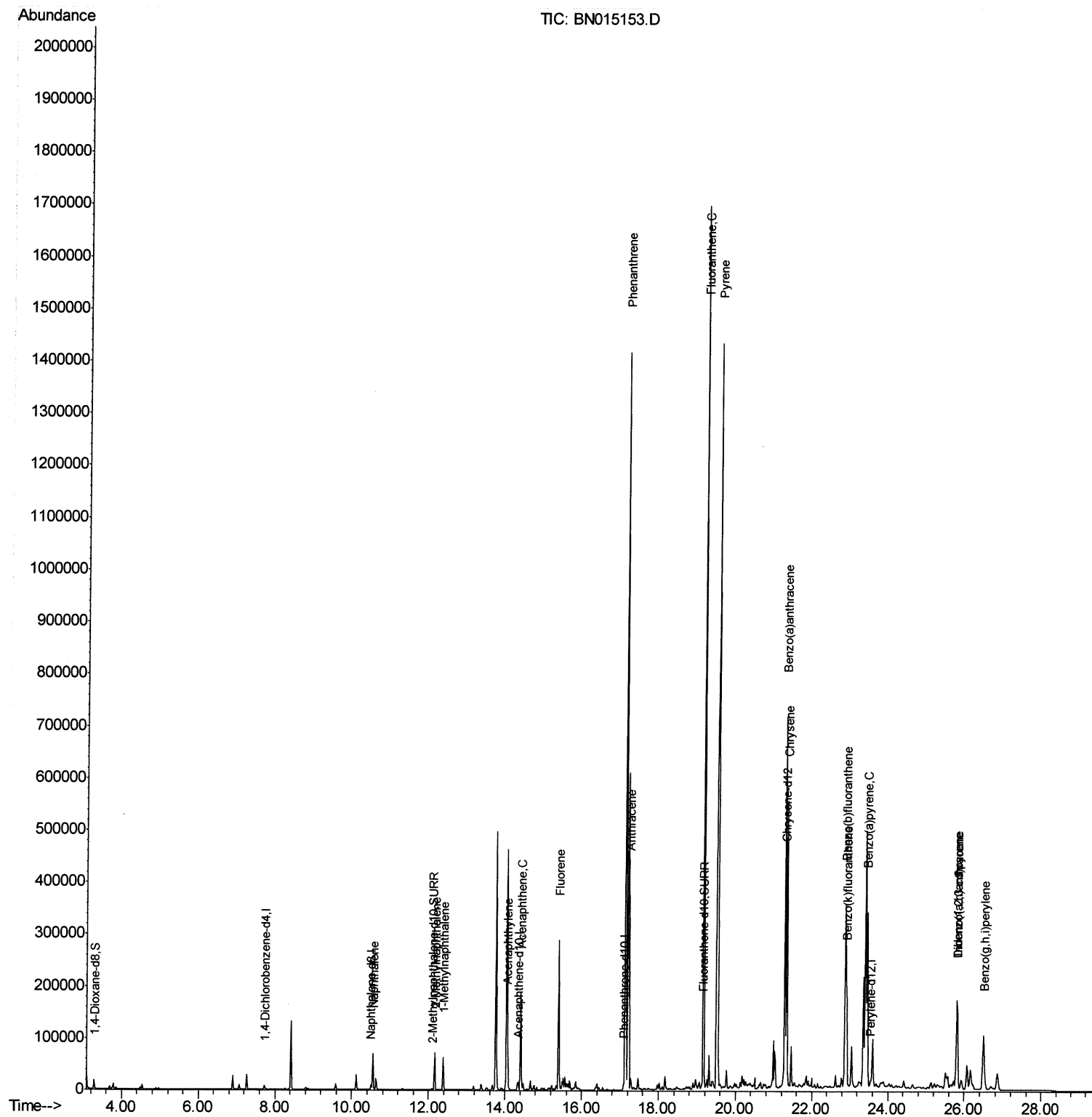
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015153.D
Acq On : 27 Jun 2021 15:05
Operator : CG/JU
Sample : M2704-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGD87

Manual Integrations
APPROVED

mohammad
6/28/2021 1:28:42 PM

Quant Time: Jun 28 04:11:29 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



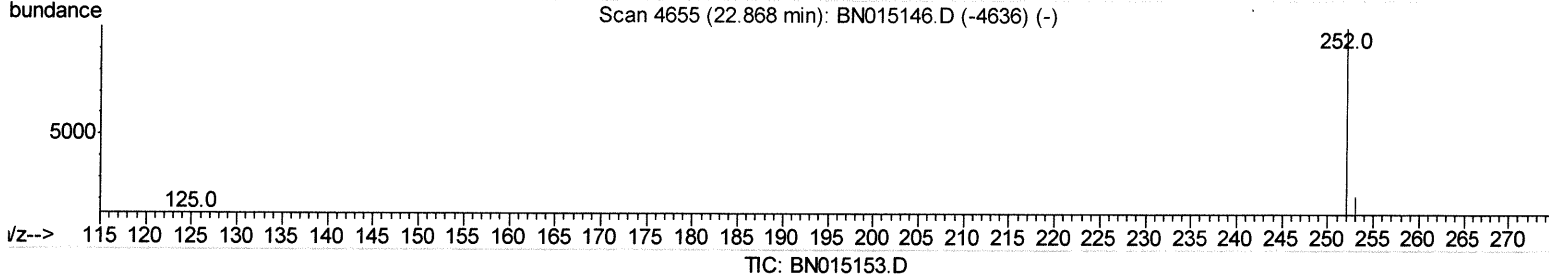
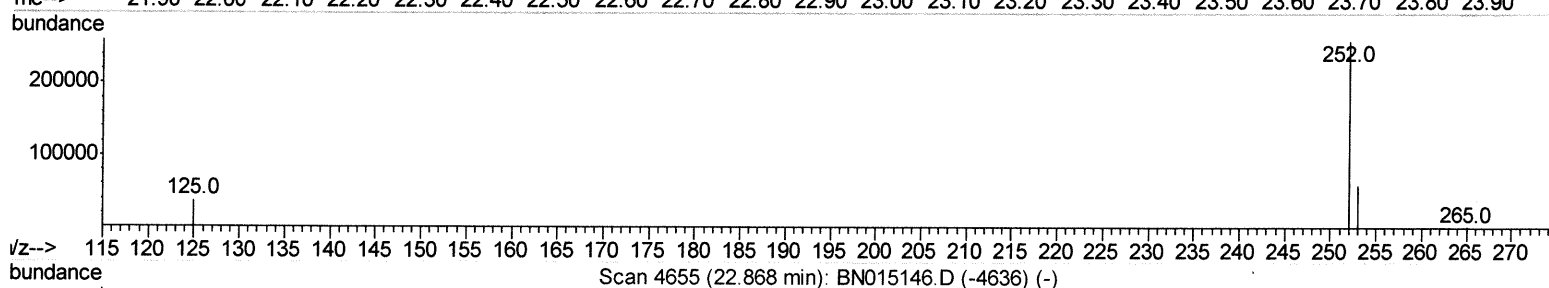
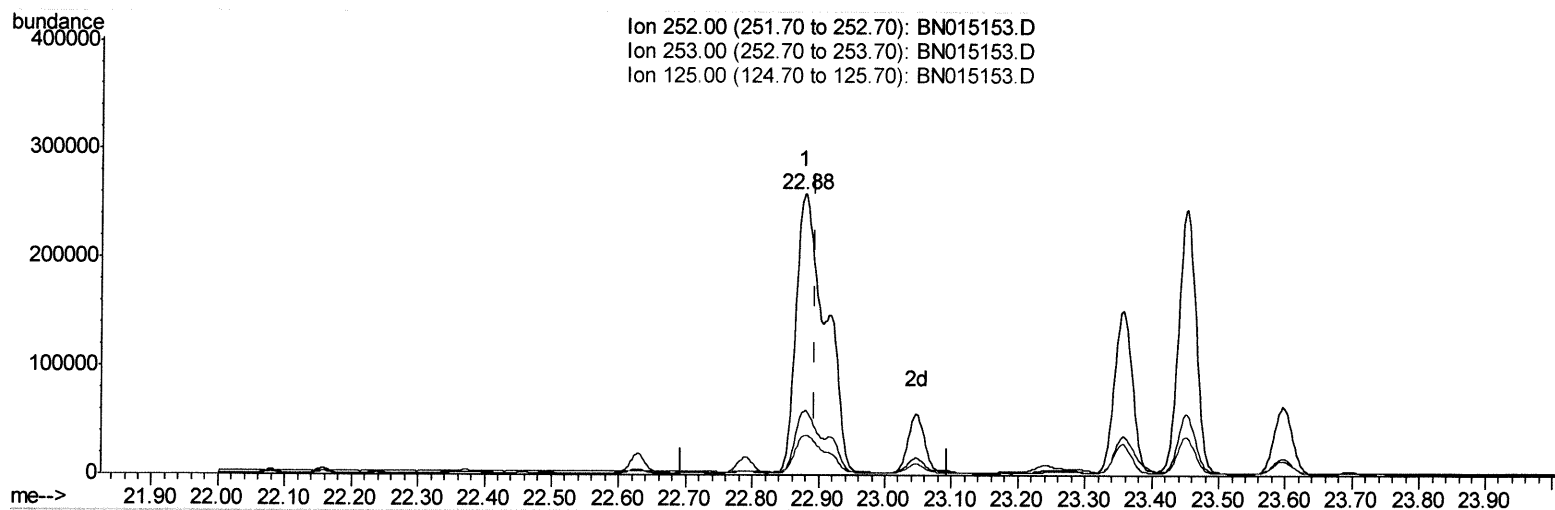
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015153.D
 Acq On : 27 Jun 2021 15:05
 Operator : CG/JU
 Sample : M2704-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD87

Quant Time: Jun 28 04:08:57 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 1:28:42 PM



(24) Benzo(b)fluoranthene

22.877min (-0.018) 12.82ng/ul

response 796918

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.97
125.00	14.20	13.98
0.00	0.00	0.00

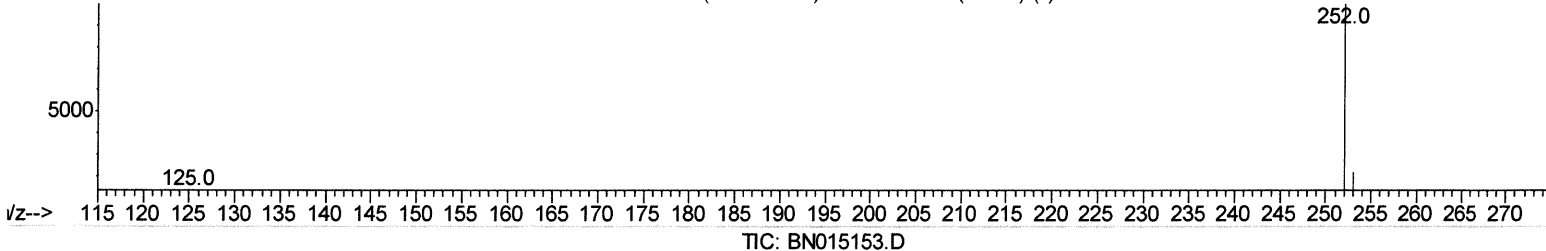
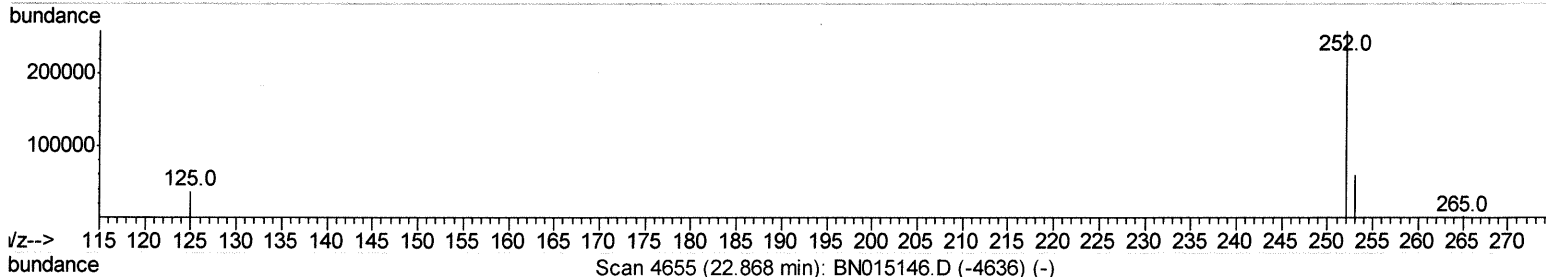
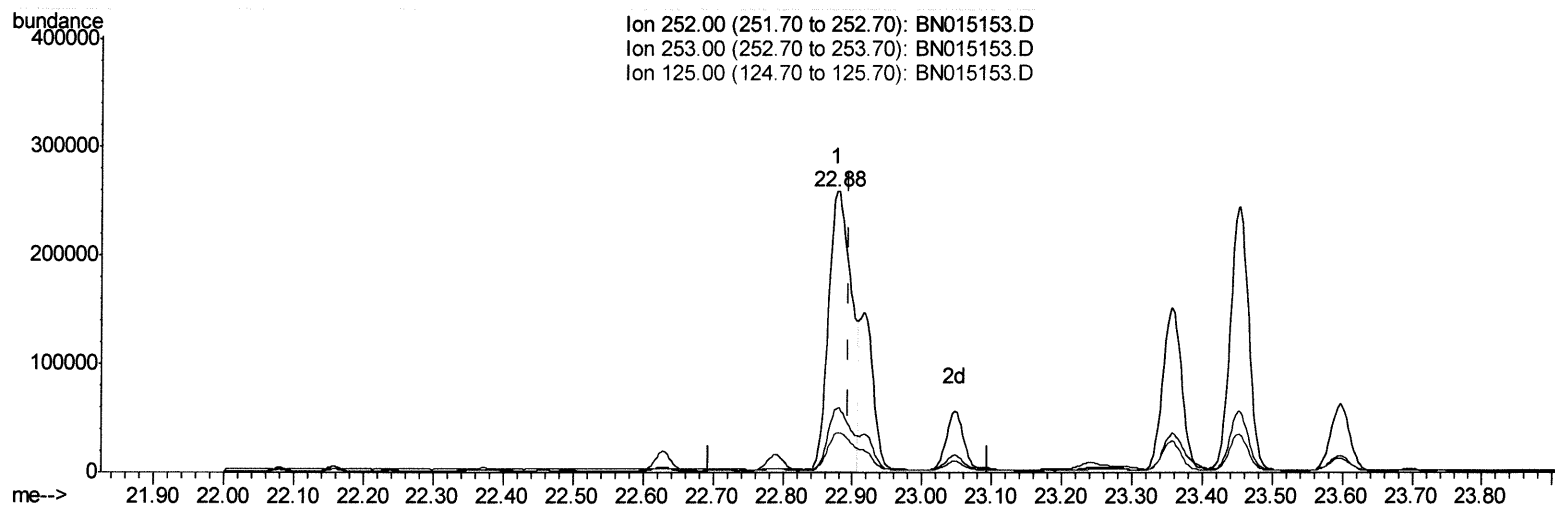
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015153.D
 Acq On : 27 Jun 2021 15:05
 Operator : CG/JU
 Sample : M2704-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD87

Quant Time: Jun 28 04:08:57 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 1:28:42 PM



(24) Benzo(b)fluoranthene

22.877min (-0.018) 9.42ng/ul m

response 585272

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.97
125.00	14.20	13.98
0.00	0.00	0.00

Sub 21

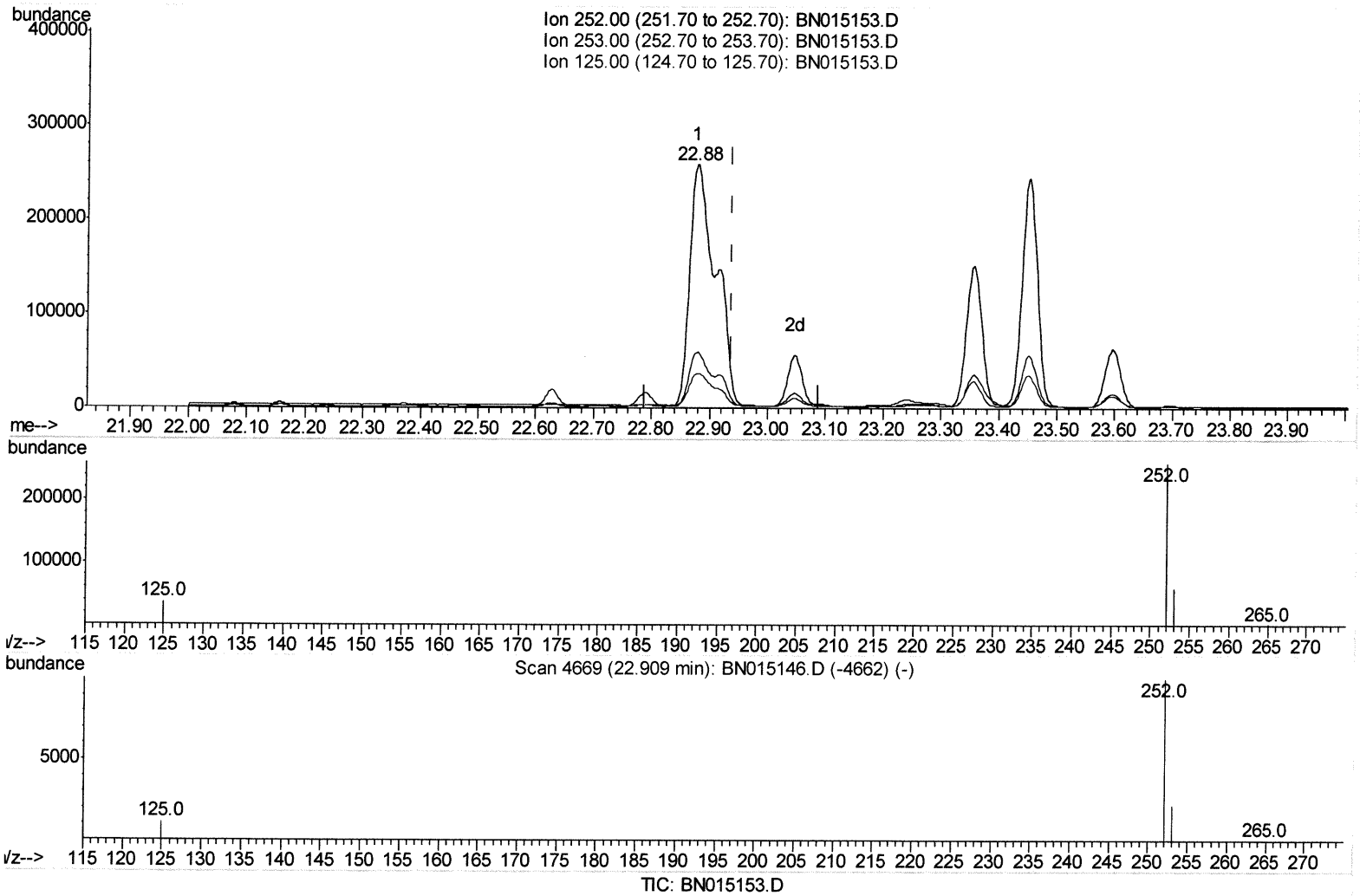
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015153.D
 Acq On : 27 Jun 2021 15:05
 Operator : CG/JU
 Sample : M2704-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD87

Quant Time: Jun 28 04:10:40 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 1:28:42 PM



(25) Benzo(k)fluoranthene

22.877min (-0.061) 11.36ng/ul

response 796918

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.97
125.00	14.40	13.98
0.00	0.00	0.00

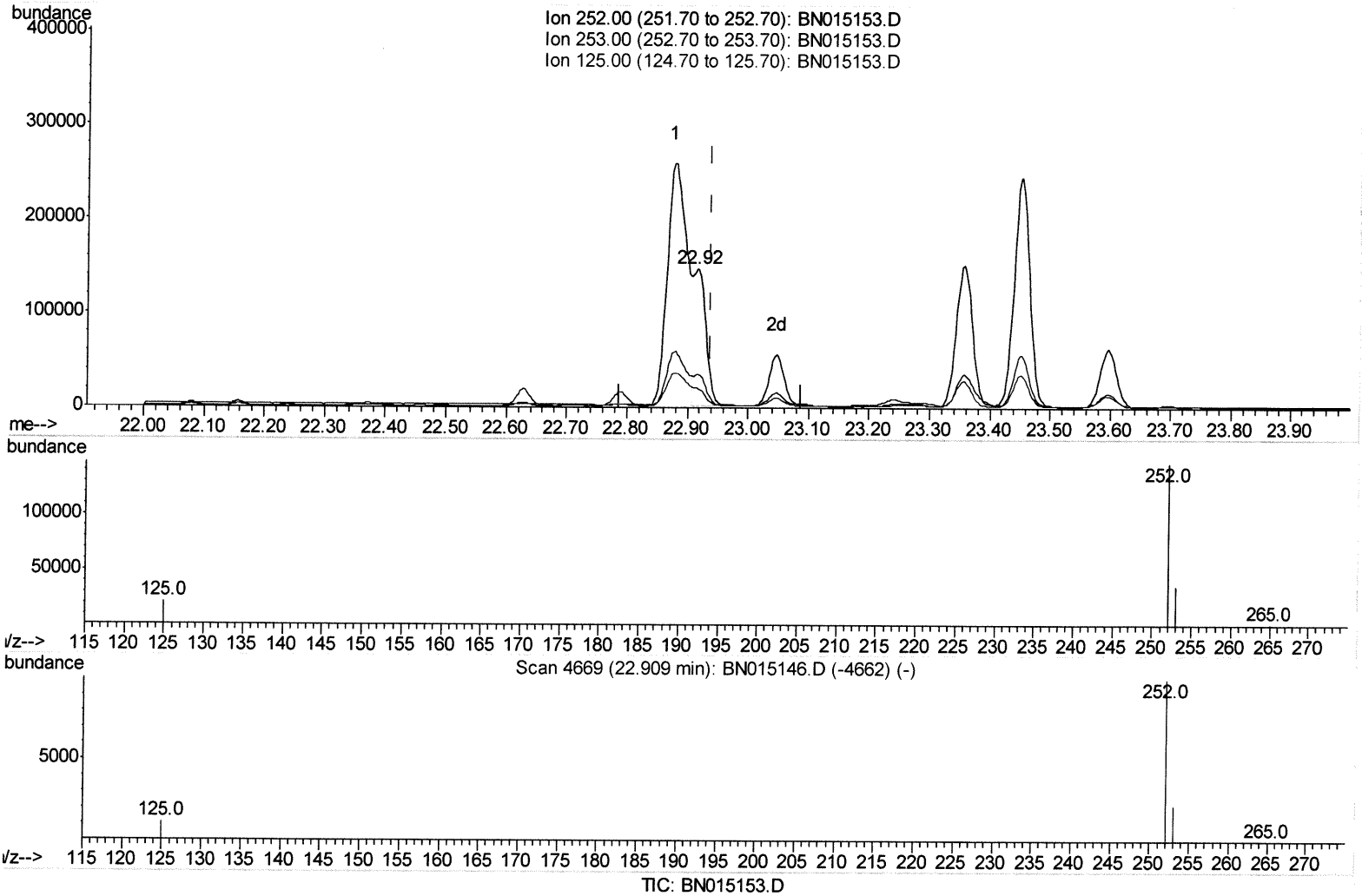
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015153.D
 Acq On : 27 Jun 2021 15:05
 Operator : CG/JU
 Sample : M2704-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD87

Quant Time: Jun 28 04:10:40 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 1:28:42 PM



(25) Benzo(k)fluoranthene

22.915min (-0.023) 2.98ng/ul m

response 209296

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.92
125.00	14.40	14.25
0.00	0.00	0.00

JU 6/28/21

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015153.D
 Acq On : 27 Jun 2021 15:05
 Operator : CG/JU
 Sample : M2704-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 BGD87

Quant Time: Jun 28 04:11:29 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 1:28:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3778	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.50	136	13286	0.40	ng/ul	-0.01
9) Acenaphthene-d10	14.35	164	8026	0.40	ng/ul	-0.02
13) Phenanthrene-d10	17.10	188	16062	0.40	ng/ul	-0.01
17) Chrysene-d12	21.30	240	13257	0.40	ng/ul	-0.01
23) Perylene-d12	23.55	264	13305	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	11151	2.62	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.09	152	4236	0.20	ng/ul	-0.01
18) Fluoranthene-d10	19.13	212	10783	0.25	ng/ul	-0.02
Target Compounds						
					Ovalue	
5) Naphthalene	10.55	128	93741	2.212	ng/ul	99
7) 2-Methylnaphthalene	12.16	142	51117	1.843	ng/ul	99
8) 1-Methylnaphthalene	12.38	142	42717	1.592	ng/ul	98
10) Acenaphthylene	14.07	152	104698	2.523	ng/ul	99
11) Acenaphthene	14.41	153	106549	3.351	ng/ul	98
12) Fluorene	15.40	166	179312	5.103	ng/ul	100
15) Phenanthrene	17.14	178	1514891	25.986	ng/ul	99
16) Anthracene	17.23	178	382240	7.437	ng/ul	99
19) Fluoranthene	19.16	202	1438055	23.475	ng/ul	100
20) Pyrene	19.53	202	1186812	19.317	ng/ul	100
21) Benzo(a)anthracene	21.28	228	603929	12.298	ng/ul	97
22) Chrysene	21.34	228	512335	8.715	ng/ul	96
24) Benzo(b)fluoranthene	22.88	252	585272m	9.416	ng/ul	99
25) Benzo(k)fluoranthene	22.92	252	209296m	2.983	ng/ul	99
26) Benzo(a)pyrene	23.45	252	446844	8.559	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.80	276	258049	4.093	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.81	278	70206	1.420	ng/ul	98
29) Benzo(a,h,i)perylene	26.50	276	213134	3.648	ng/ul	99

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