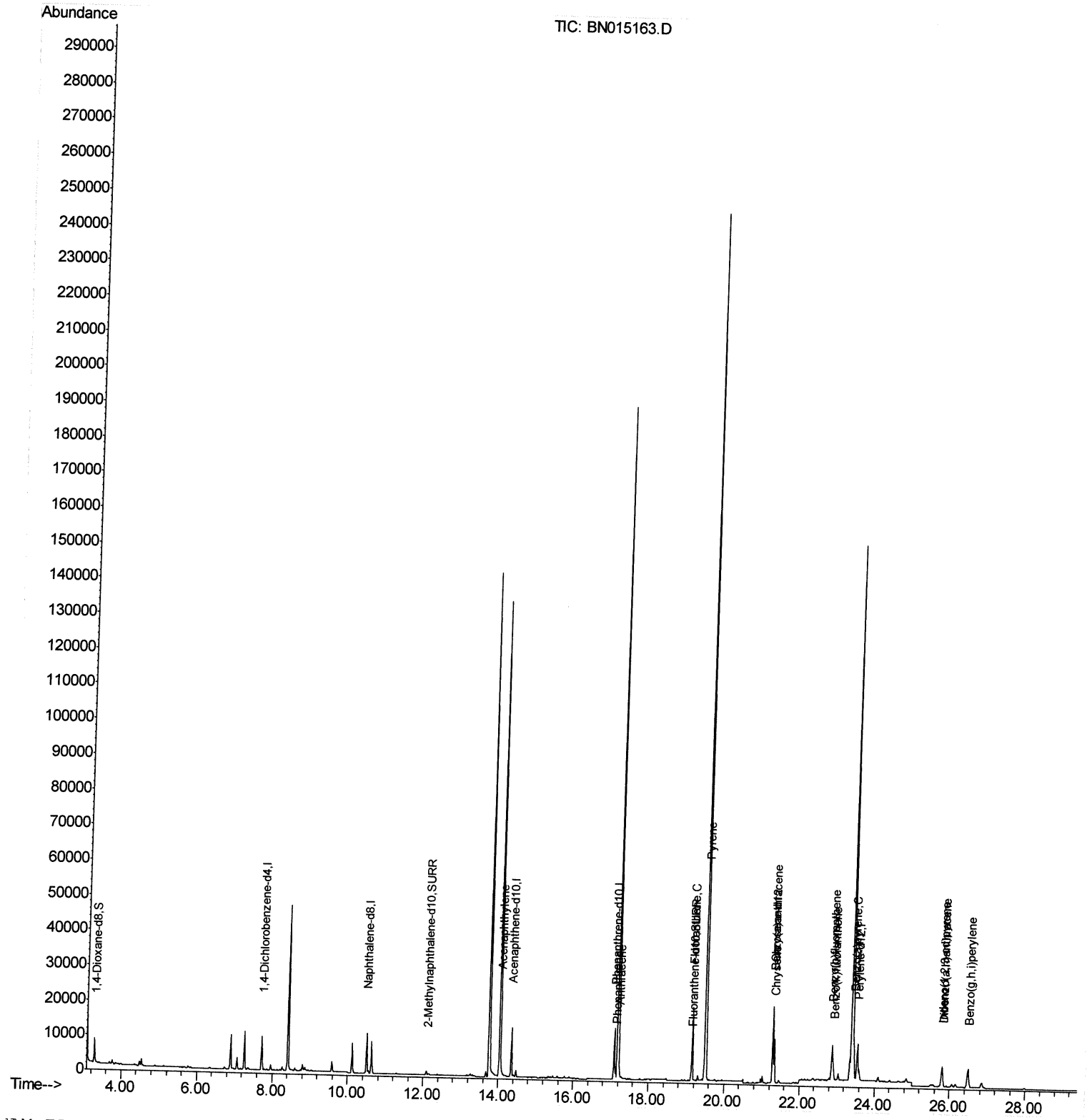
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015163.D
Acq On : 27 Jun 2021 22:14
Operator : CG/JU
Sample : M2761-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Jun 28 05:01:22 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

Instrument :
BNA_N
ClientSampleId :
JLX83

Manual Integrations APPROVED
mohammad
6/28/2021 1:29:06 PM

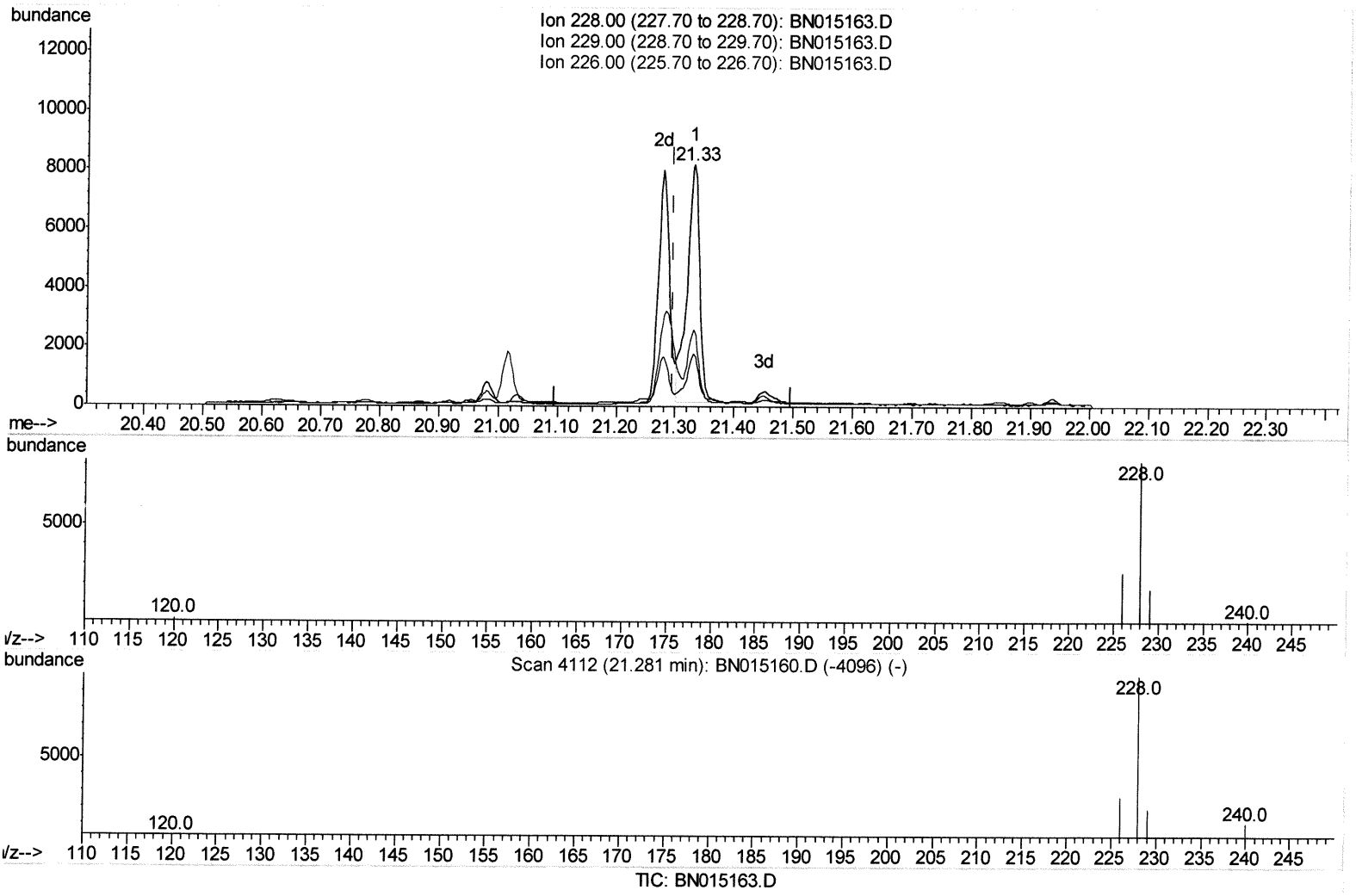


Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015163.D
Acq On : 27 Jun 2021 22:14
Operator : CG/JU
Sample : M2761-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Jun 28 01:29:29 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

Instrument :
BNA_N
ClientSampleId :
JLX83

Manual Integrations APPROVED
mohammad
6/28/2021 1:29:06 PM



(21) Benzo(a)anthracene

21.331min (+0.035) 0.22ng/ul

response 11985

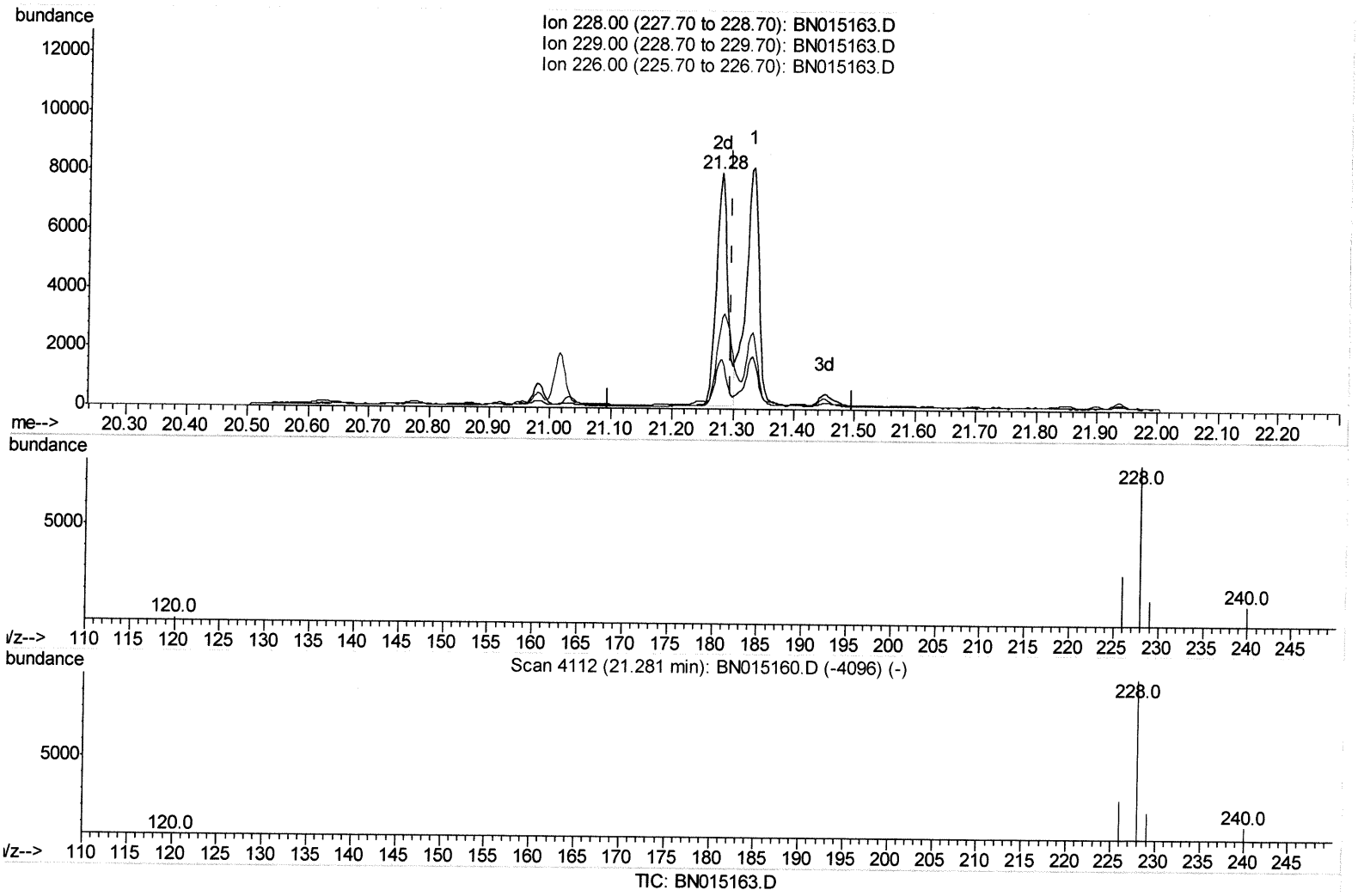
Ion	Exp%	Act%
228.00	100	100
229.00	19.80	21.75
226.00	27.30	31.84
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015163.D
Acq On : 27 Jun 2021 22:14
Operator : CG/JU
Sample : M2761-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLX83

Manual Integrations APPROVED
mohammad
6/28/2021 1:29:06 PM

Quant Time: Jun 28 01:29:29 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



(21) Benzo(a)anthracene

21.278min (-0.018) 0.19ng/ul m JU 6/30/21

response 10292

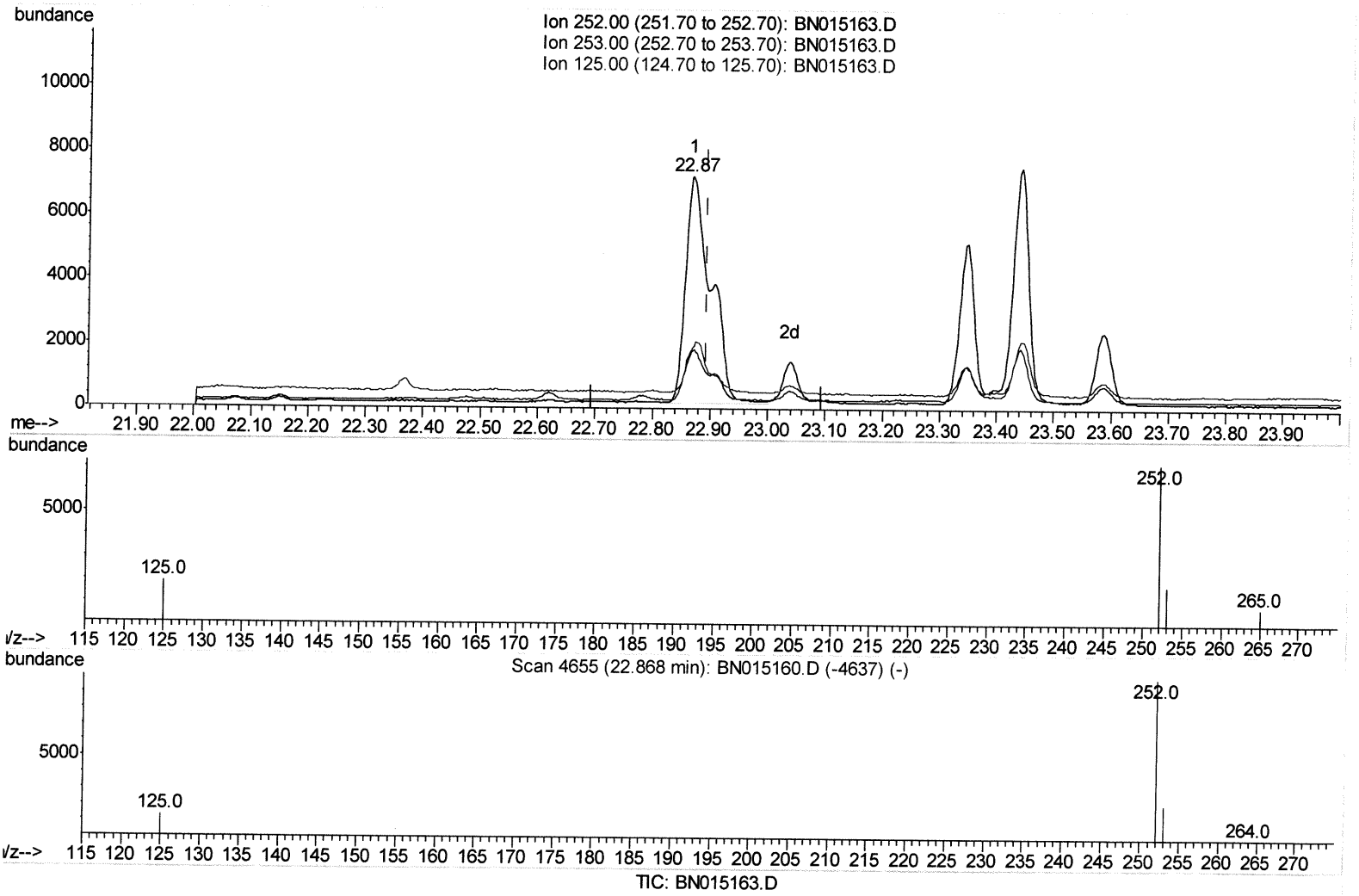
Ion	Exp%	Act%
228.00	100	100
229.00	19.80	20.98
226.00	27.30	35.52#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015163.D
Acq On : 27 Jun 2021 22:14
Operator : CG/JU
Sample : M2761-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Jun 28 04:59:51 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

Instrument :
BNA_N
ClientSampleId :
JLX83

Manual Integrations APPROVED
mohammad
6/28/2021 1:29:06 PM



TIC: BN015163.D

(24) Benzo(b)fluoranthene

22.868min (-0.027) 0.34ng/ul

response 21421

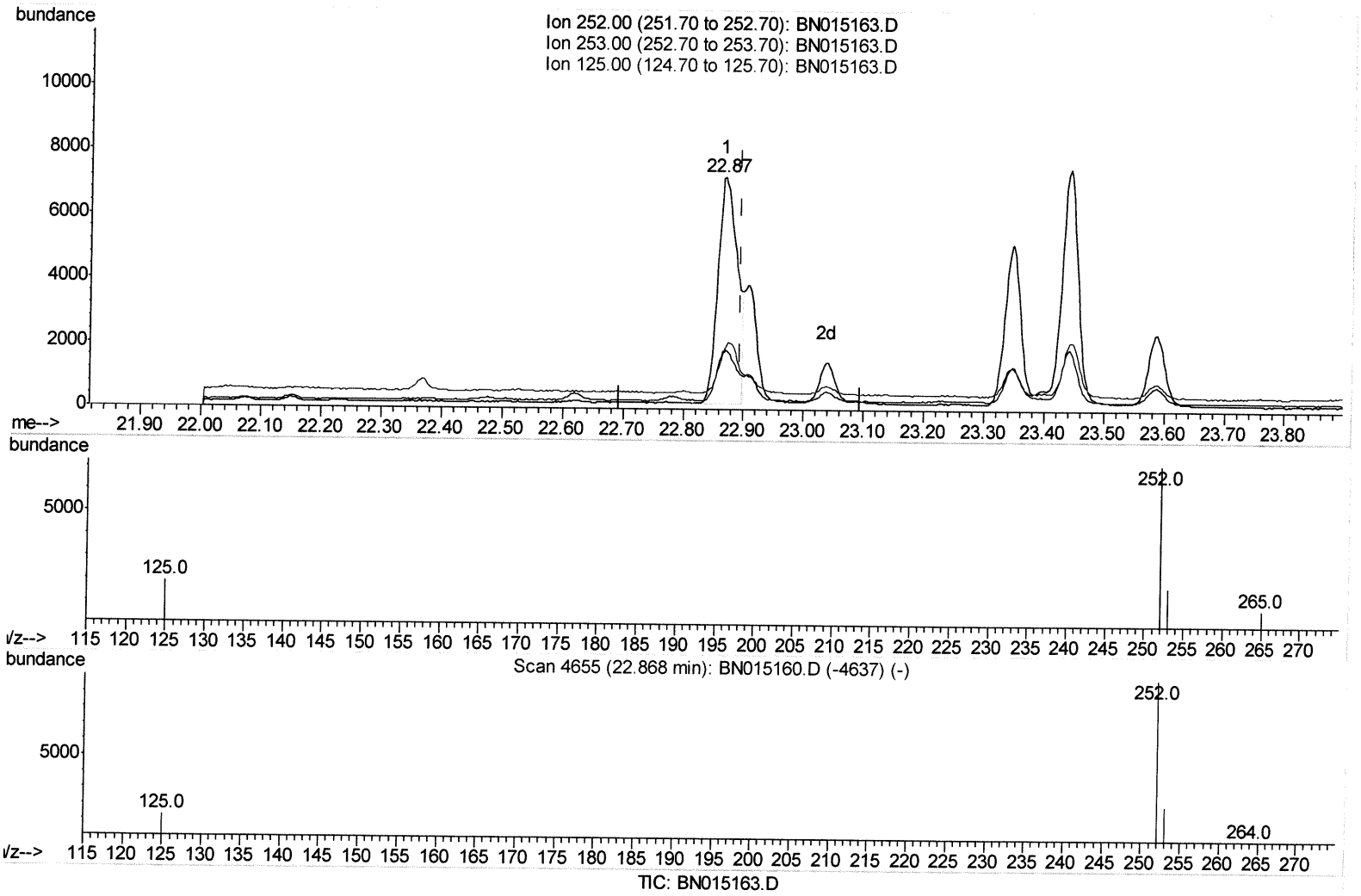
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	24.87
125.00	14.20	26.16
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015163.D
Acq On : 27 Jun 2021 22:14
Operator : CG/JU
Sample : M2761-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Jun 28 04:59:51 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

Instrument :
BNA_N
ClientSampleId :
JLX83

Manual Integrations APPROVED
mohammad
6/28/2021 1:29:06 PM



TIC: BN015163.D

(24) Benzo(b)fluoranthene

22.868min (-0.027) 0.25ng/ul m JU 6/30/21

response 15701

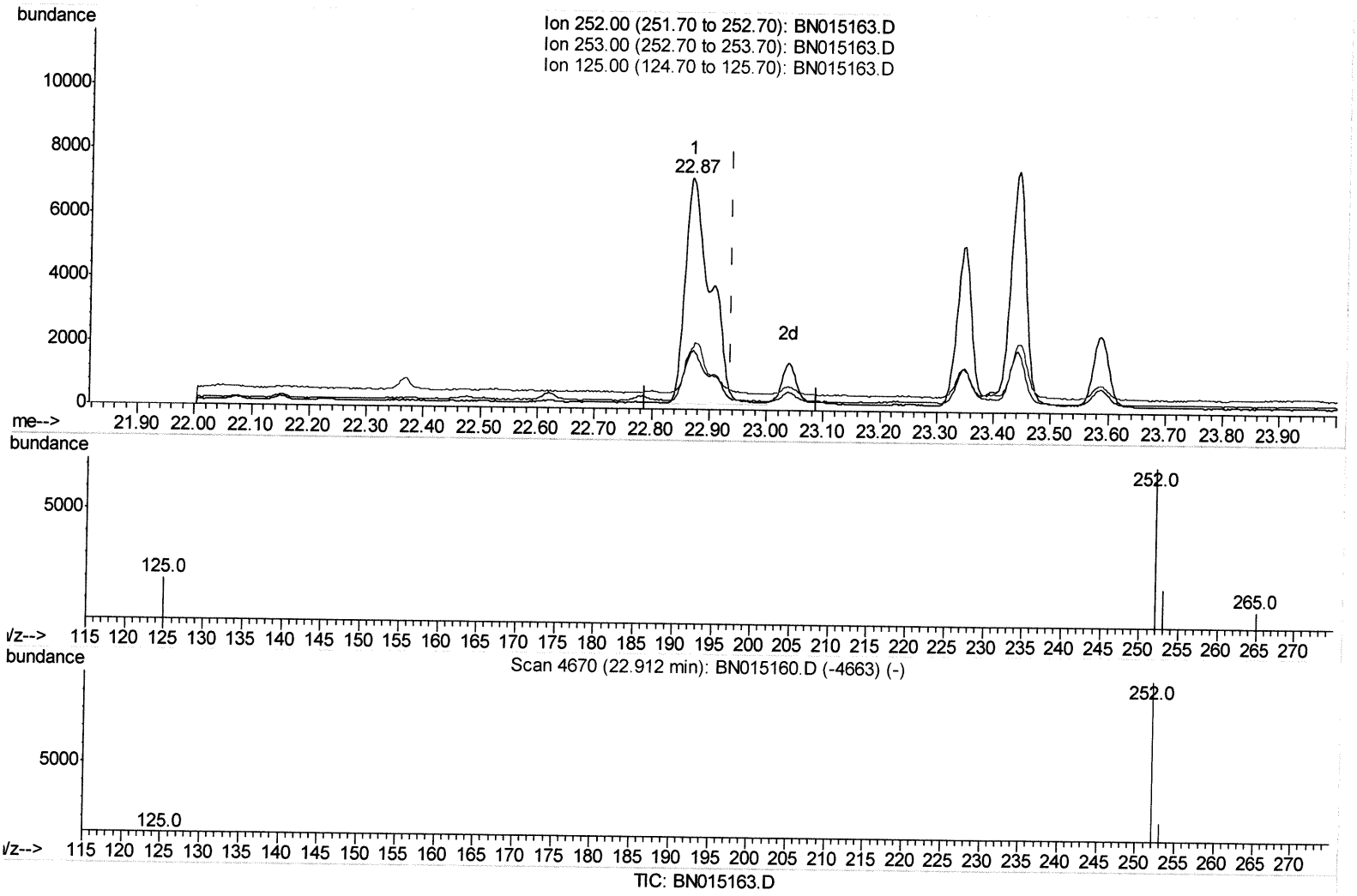
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	24.87
125.00	14.20	26.16
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015163.D
Acq On : 27 Jun 2021 22:14
Operator : CG/JU
Sample : M2761-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Jun 28 05:00:37 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

Instrument :
BNA_N
ClientSampleId :
JLX83

Manual Integrations APPROVED
mohammad
6/28/2021 1:29:06 PM



TIC: BN015163.D

(25) Benzo(k)fluoranthene

22.868min (-0.070) 0.30ng/ul

response 21421

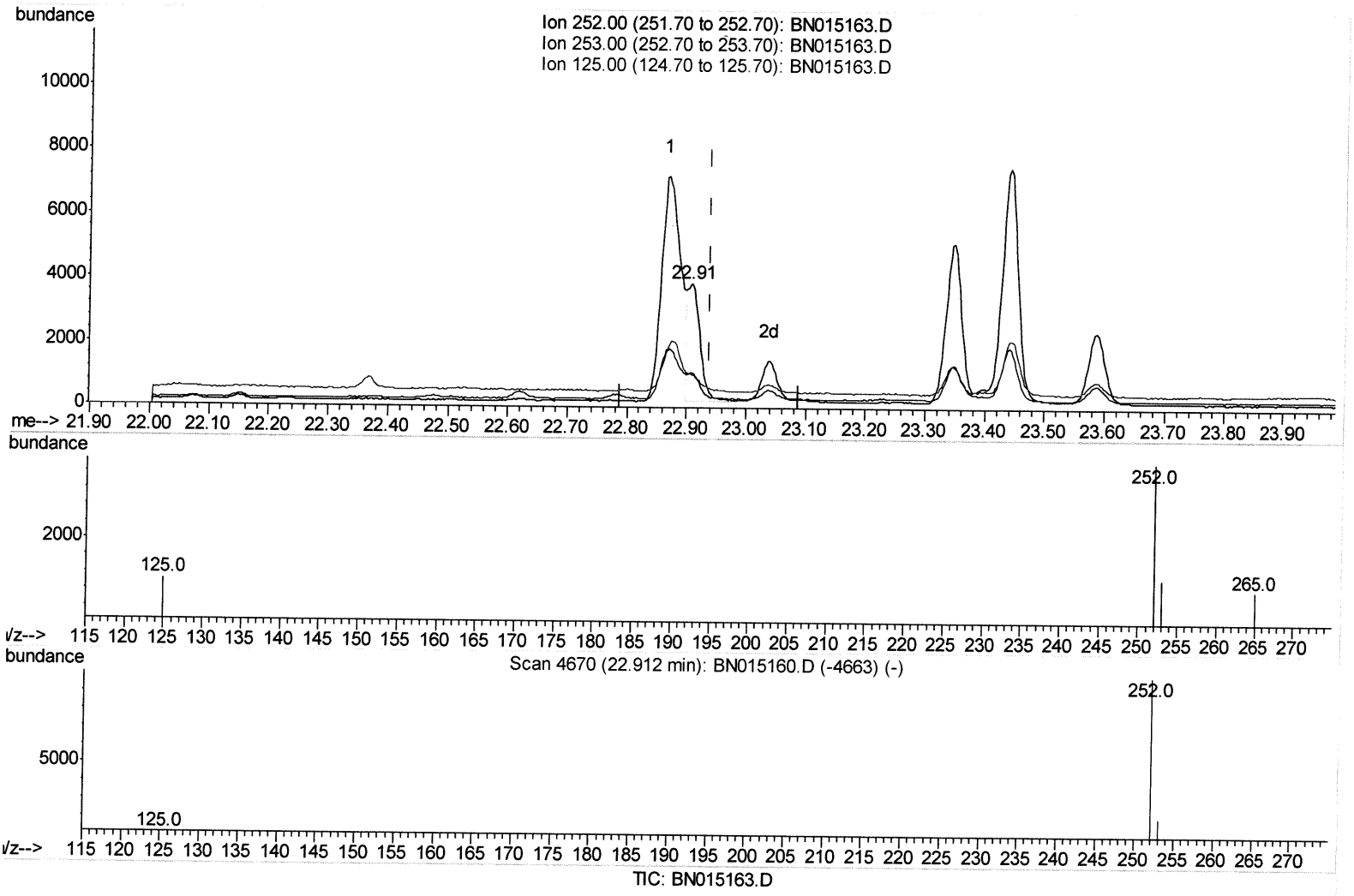
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.87
125.00	14.40	26.16#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015163.D
Acq On : 27 Jun 2021 22:14
Operator : CG/JU
Sample : M2761-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Jun 28 05:00:37 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

Instrument :
BNA_N
ClientSampleId :
JLX83

Manual Integrations APPROVED
mohammad
6/28/2021 1:29:06 PM



(25) Benzo(k)fluoranthene

22.906min (-0.032) 0.08ng/ul m JU 6/30/21

response 5510

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	28.52#
125.00	14.40	27.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015163.D
Acq On : 27 Jun 2021 22:14
Operator : CG/JU
Sample : M2761-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLX83

Manual Integrations APPROVED
mohammad
6/28/2021 1:29:06 PM

Quant Time: Jun 28 05:01:22 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	4290	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.50	136	15079	0.40	ng/ul	-0.01
9) Acenaphthene-d10	14.35	164	7875	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.10	188	16688	0.40	ng/ul	-0.01
17) Chrysene-d12	21.30	240	14668	0.40	ng/ul	-0.02
23) Perylene-d12	23.54	264	13518	0.40	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	4563	0.94	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.09	152	1329	0.06	ng/ul	-0.01
18) Fluoranthene-d10	19.13	212	2969	0.06	ng/ul	-0.02
Target Compounds						Qvalue
10) Acenaphthylene	14.07	152	2035	0.050	ng/ul#	92
15) Phenanthrene	17.14	178	3378	0.056	ng/ul#	92
16) Anthracene	17.23	178	1288	0.024	ng/ul#	82
19) Fluoranthene	19.16	202	17258	0.255	ng/ul	97
20) Pyrene	19.52	202	23927	0.352	ng/ul	96
21) Benzo(a)anthracene	21.28	228	10292m	0.189	ng/ul	JU 6/30/21
22) Chrysene	21.33	228	12006	0.185	ng/ul	97
24) Benzo(b)fluoranthene	22.87	252	15701m	0.249	ng/ul	JU 6/30/21
25) Benzo(k)fluoranthene	22.91	252	5510m	0.077	ng/ul	
26) Benzo(a)pyrene	23.44	252	13669	0.258	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.79	276	9755	0.152	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.80	278	1828	0.036	ng/ul#	67
29) Benzo(g,h,i)perylene	26.48	276	10798	0.182	ng/ul	98

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