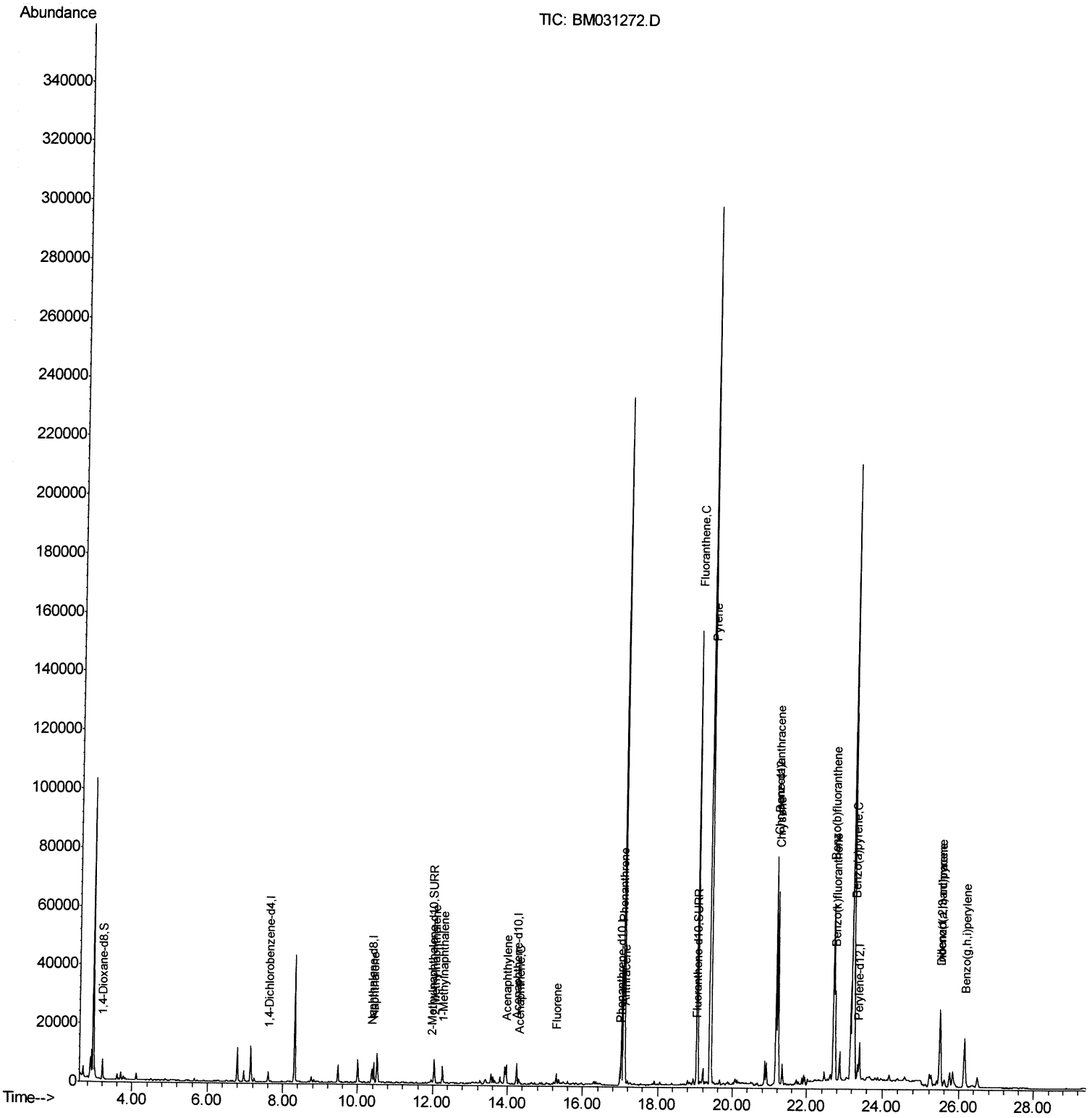
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031272.D
Acq On : 30 Jul 2021 10:38
Operator : CG/JU
Sample : M3084-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 30 11:11:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 09:57:24 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0023

Manual Integrations APPROVED
mohammad
7/30/2021 12:02:42 PM

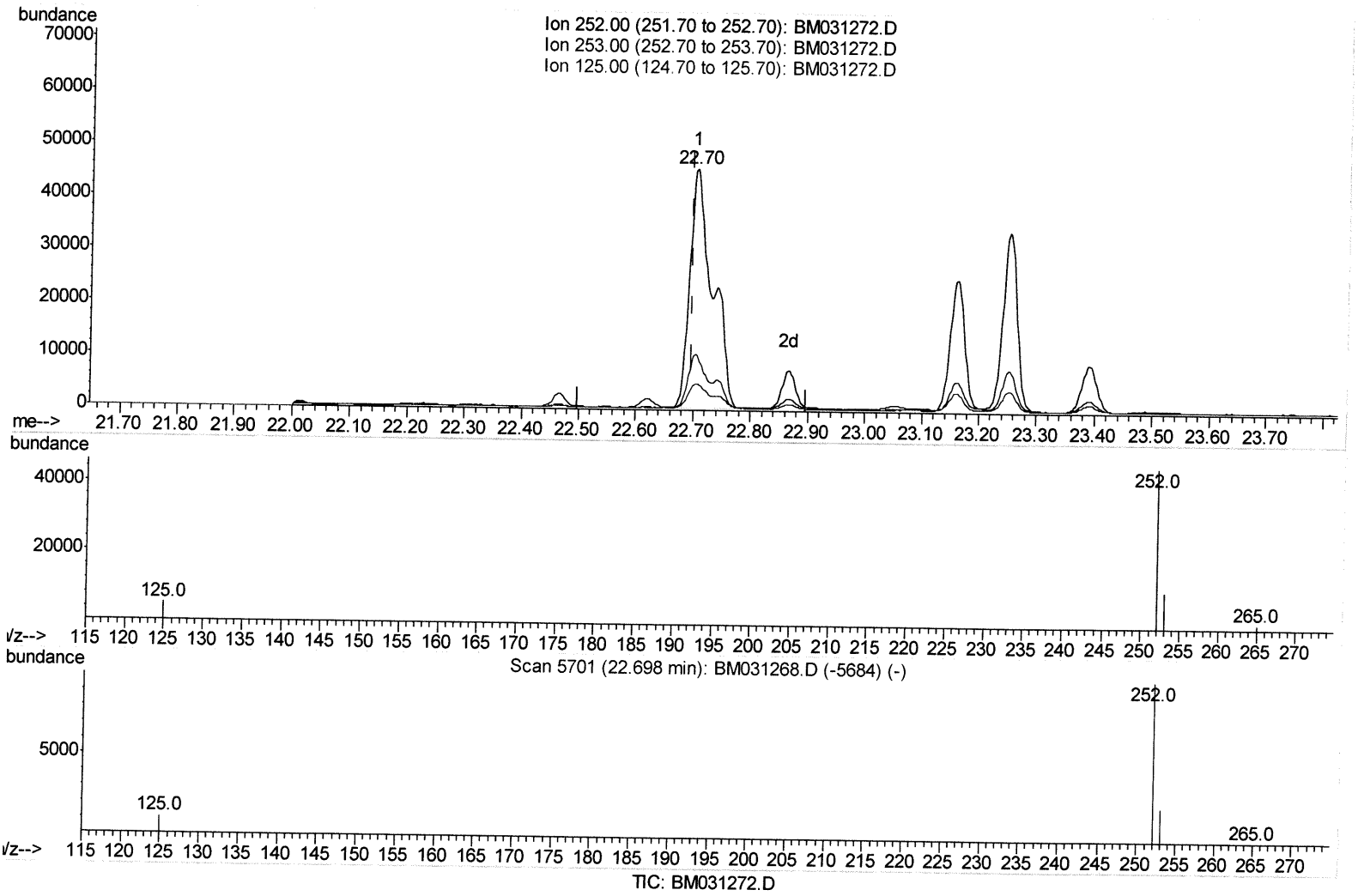


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031272.D
Acq On : 30 Jul 2021 10:38
Operator : CG/JU
Sample : M3084-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 30 11:10:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 09:57:24 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0023

Manual Integrations APPROVED
mohammad
7/30/2021 12:02:42 PM



(24) Benzo(b)fluoranthene

22.703min (+0.005) 4.74ng/ul

response 125562

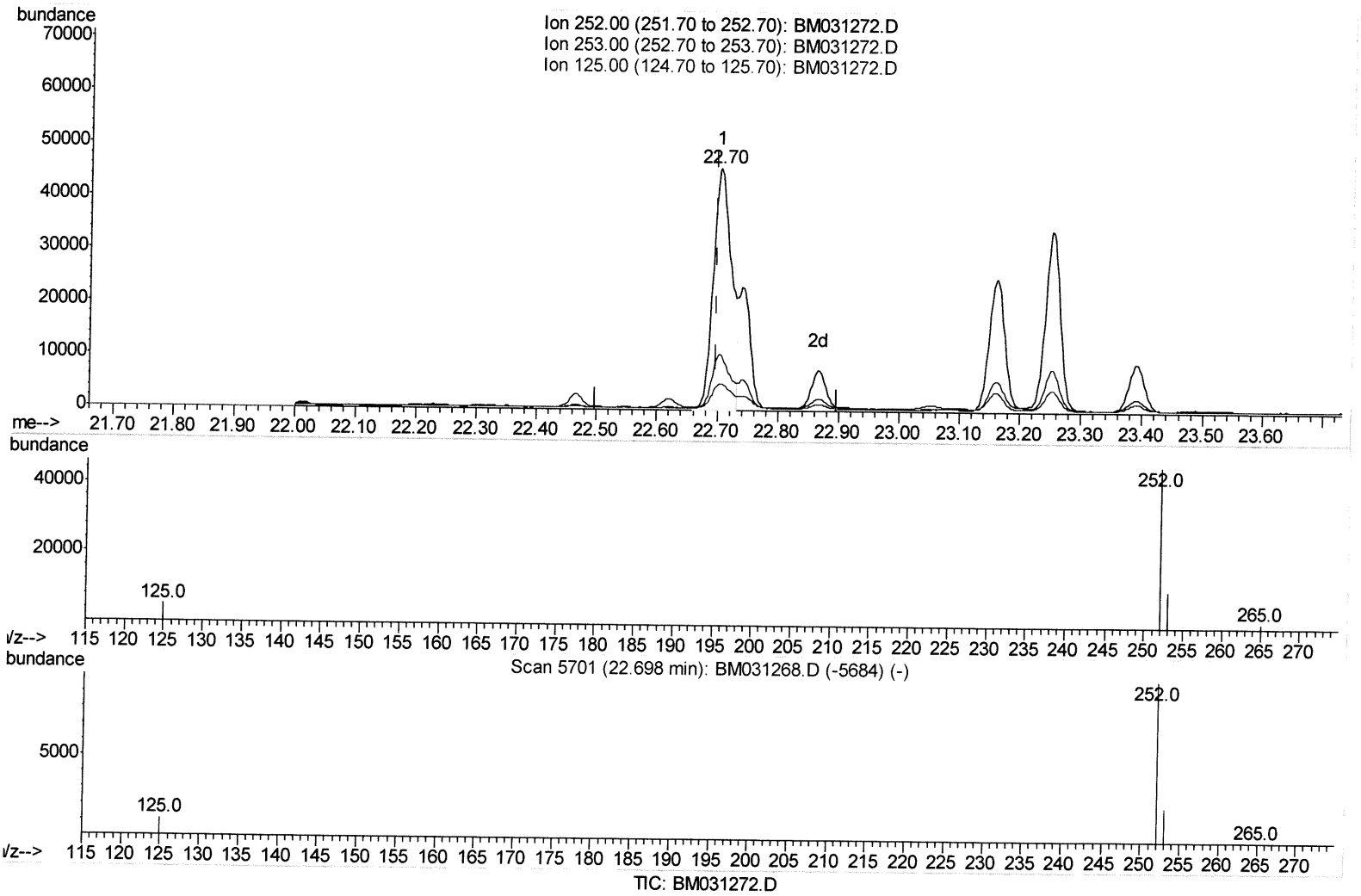
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.08
125.00	11.40	10.86
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031272.D
Acq On : 30 Jul 2021 10:38
Operator : CG/JU
Sample : M3084-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 30 11:10:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 09:57:24 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0023

Manual Integrations APPROVED
mohammad
7/30/2021 12:02:42 PM



(24) Benzo(b)fluoranthene

22.703min (+0.005) 3.65ng/ul m

response 96668

JU 8/2/21

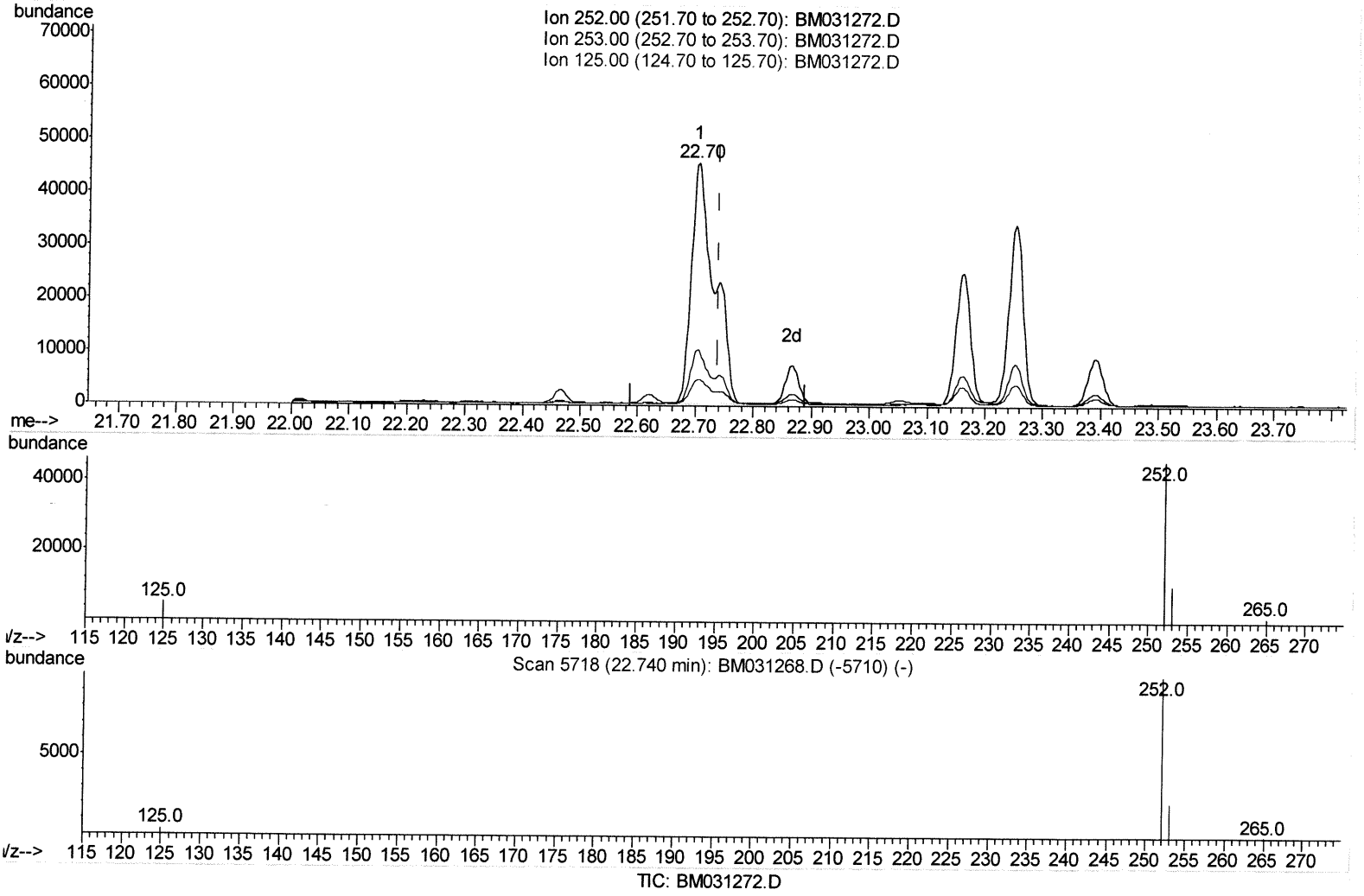
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.08
125.00	11.40	10.86
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031272.D
Acq On : 30 Jul 2021 10:38
Operator : CG/JU
Sample : M3084-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 30 11:10:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 09:57:24 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0023

Manual Integrations APPROVED
mohammad
7/30/2021 12:02:42 PM



(25) Benzo(k)fluoranthene

22.703min (-0.036) 4.58ng/ul

response 125562

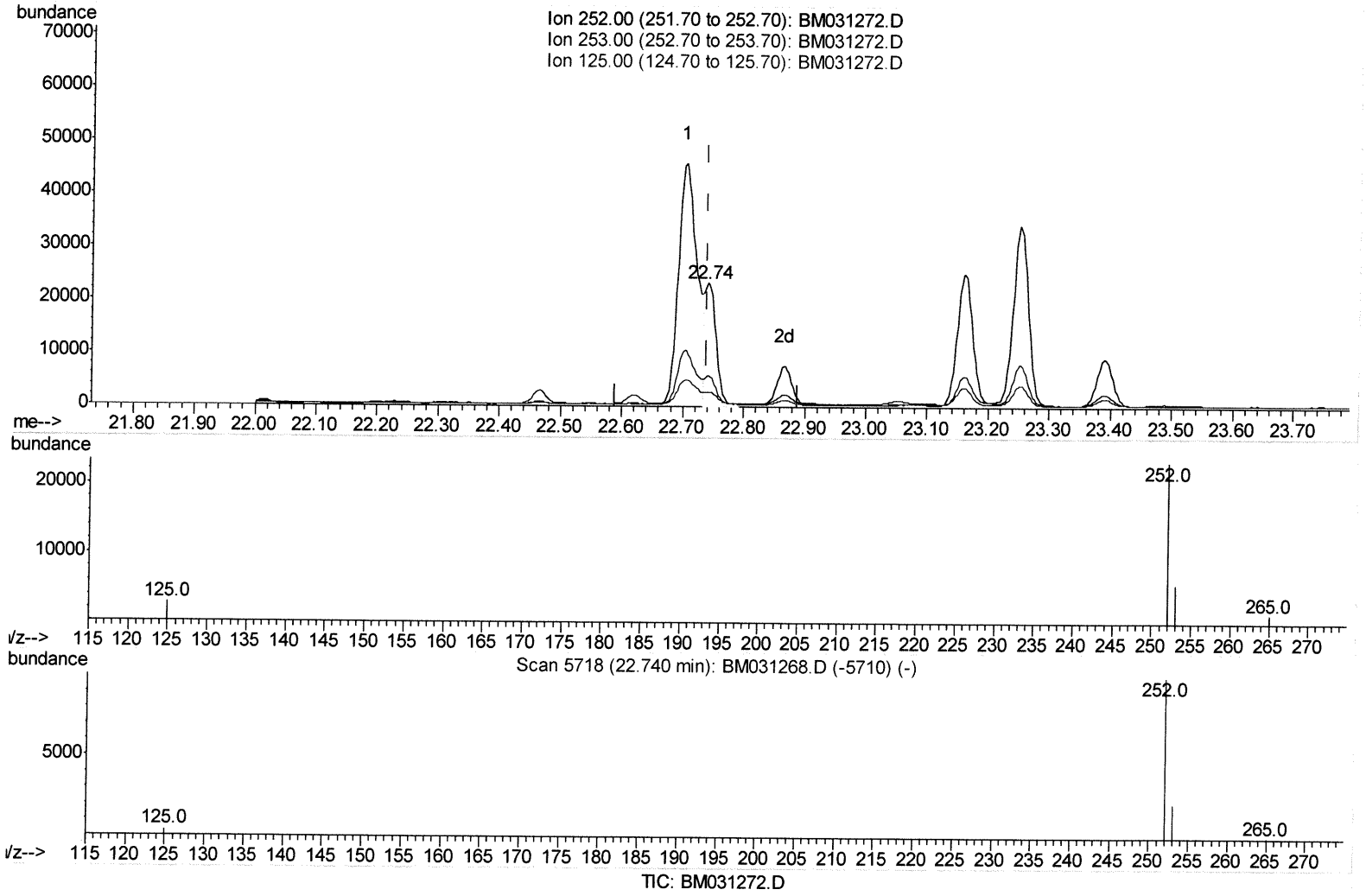
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.08
125.00	11.00	10.86
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031272.D
Acq On : 30 Jul 2021 10:38
Operator : CG/JU
Sample : M3084-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 30 11:10:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 09:57:24 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0023

Manual Integrations APPROVED
mohammad
7/30/2021 12:02:42 PM



(25) Benzo(k)fluoranthene

22.740min (+0.000) 1.15ng/ul m

response 31495

JU 8/3/21

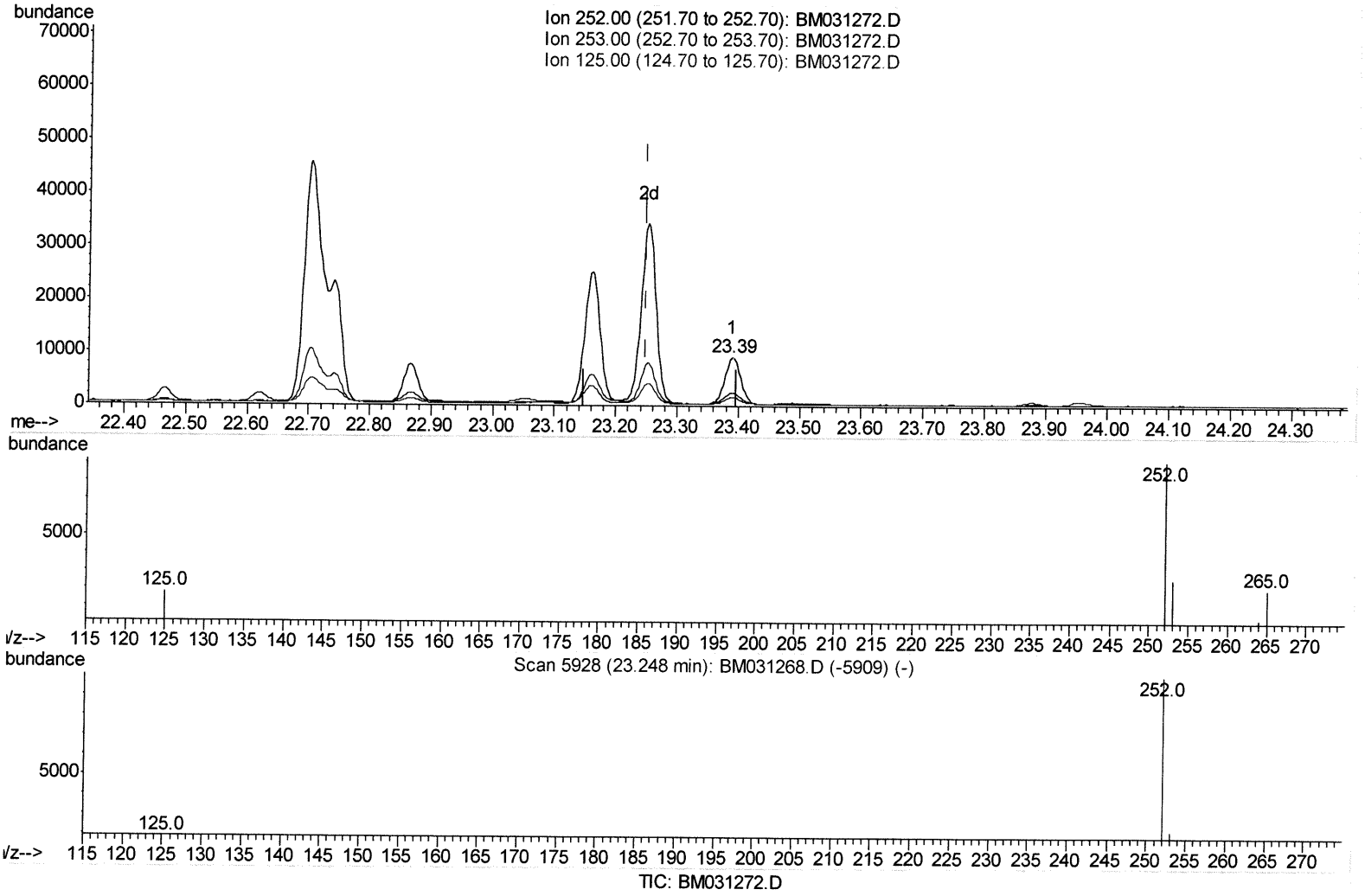
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.69
125.00	11.00	12.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031272.D
Acq On : 30 Jul 2021 10:38
Operator : CG/JU
Sample : M3084-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 30 11:10:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 09:57:24 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0023

Manual Integrations APPROVED
mohammad
7/30/2021 12:02:42 PM



(26) Benzo(a)pyrene (C)

23.389min (+0.141) 0.39ng/ul

response 8976

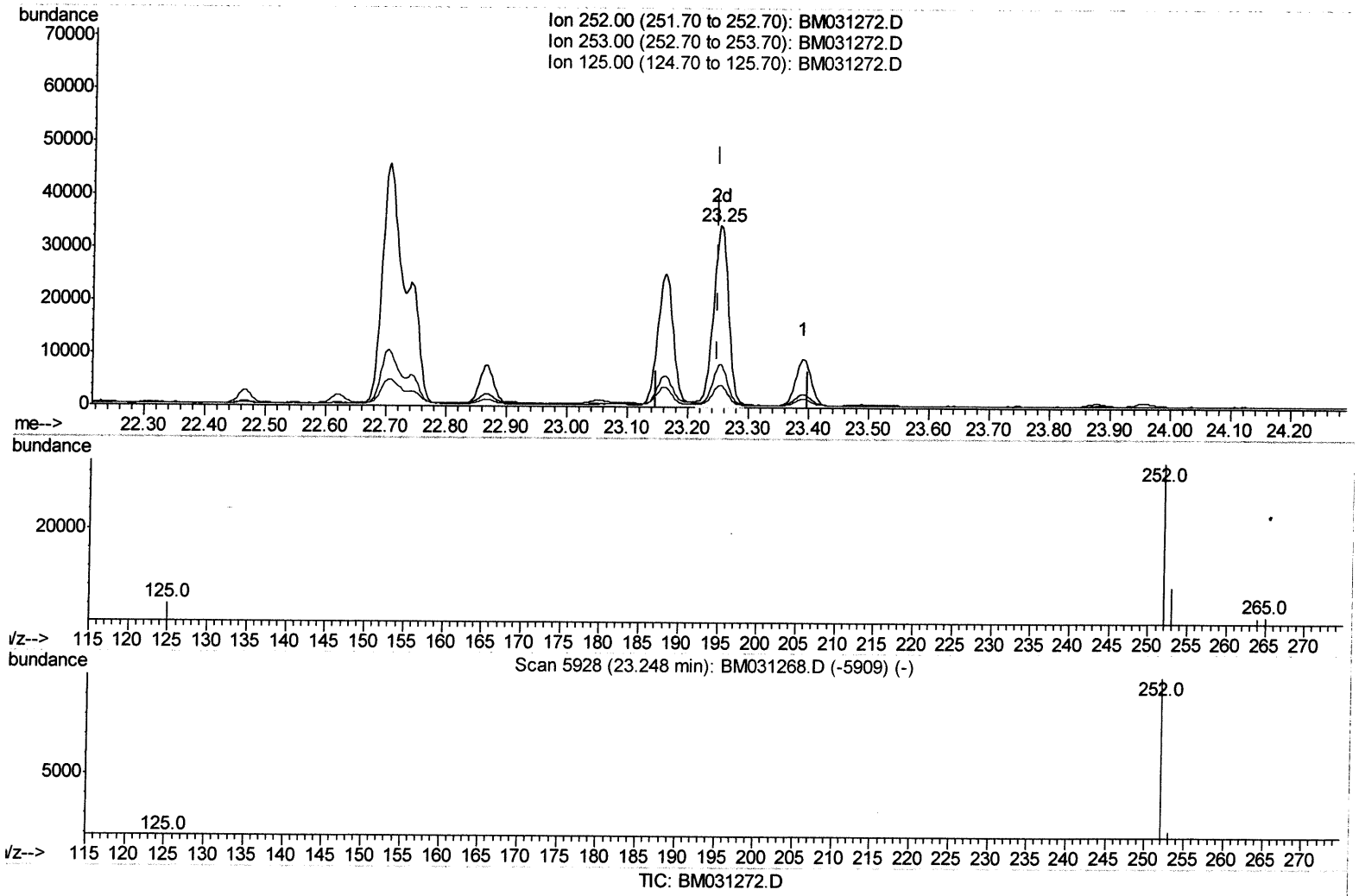
Ion	Exp%	Act%
252.00	100	100
253.00	28.00	27.63
125.00	16.20	19.18
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031272.D
Acq On : 30 Jul 2021 10:38
Operator : CG/JU
Sample : M3084-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 30 11:10:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 09:57:24 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0023

Manual Integrations APPROVED
mohammad
7/30/2021 12:02:42 PM



(26) Benzo(a)pyrene (C)

23.251min (+0.003) 2.60ng/ul m

response 60385

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	23.60
125.00	16.20	11.93#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031272.D
Acq On : 30 Jul 2021 10:38
Operator : CG/JU
Sample : M3084-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 30 11:11:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 09:57:24 2021
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0023

Manual Integrations APPROVED
mohammad
7/30/2021 12:02:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1634	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	6125	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	3769	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	7316	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	6116	0.40	ng/ul	0.00
23) Perylene-d12	23.35	264	5883	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	4084	2.25	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	1520	0.15	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	3390	0.17	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.42	128	8663	0.475	ng/ul	99
7) 2-Methylnaphthalene	12.04	142	5531	0.444	ng/ul	100
8) 1-Methylnaphthalene	12.26	142	3749	0.304	ng/ul	98
10) Acenaphthylene	13.96	152	6855	0.427	ng/ul	99
11) Acenaphthene	14.30	153	1290	0.095	ng/ul	97
12) Fluorene	15.30	166	2058	0.132	ng/ul#	91
15) Phenanthrene	17.03	178	42056	1.810	ng/ul	98
16) Anthracene	17.12	178	10351	0.476	ng/ul	100
19) Fluoranthene	19.05	202	130905	5.012	ng/ul	98
20) Pyrene	19.41	202	109330	4.127	ng/ul	97
21) Benzo(a)anthracene	21.16	228	64831	2.625	ng/ul	97
22) Chrysene	21.22	228	65186	2.551	ng/ul	97
24) Benzo(b)fluoranthene	22.70	252	96668m	3.647	ng/ul	
25) Benzo(k)fluoranthene	22.74	252	31495m	1.150	ng/ul	
26) Benzo(a)pyrene	23.25	252	60385m	2.601	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.49	276	40553	1.351	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.50	278	10458	0.432	ng/ul#	93
29) Benzo(g,h,i)perylene	26.15	276	33768	1.319	ng/ul	98

JU 8/28/21

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