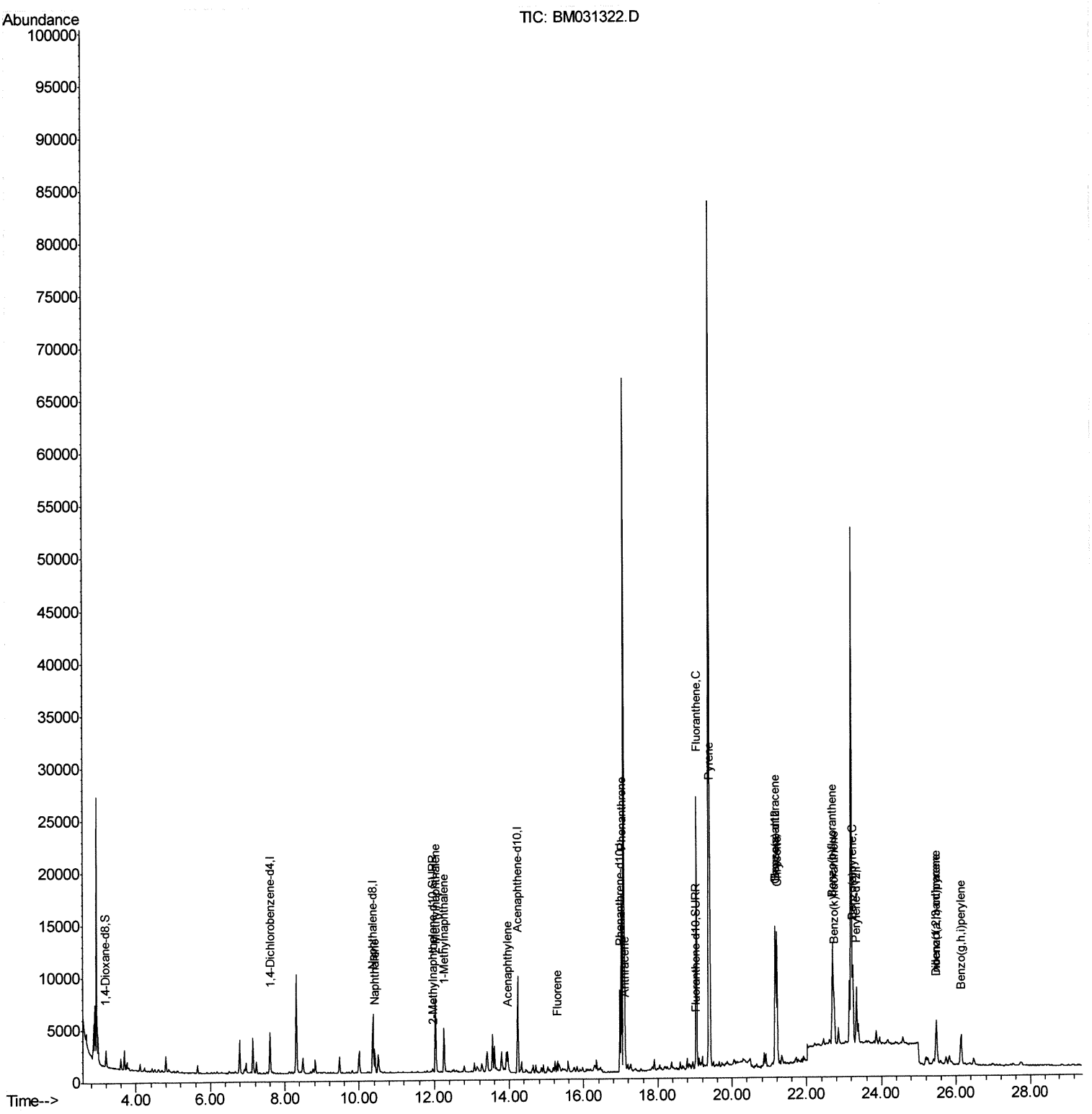
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031322.D
Acq On : 31 Jul 2021 21:14
Operator : CG/JU
Sample : M3091-17DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 02 02:45:54 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 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0055DL

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:54 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031322.D
Acq On : 31 Jul 2021 21:14
Operator : CG/JU
Sample : M3091-17DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 02 01:13:13 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 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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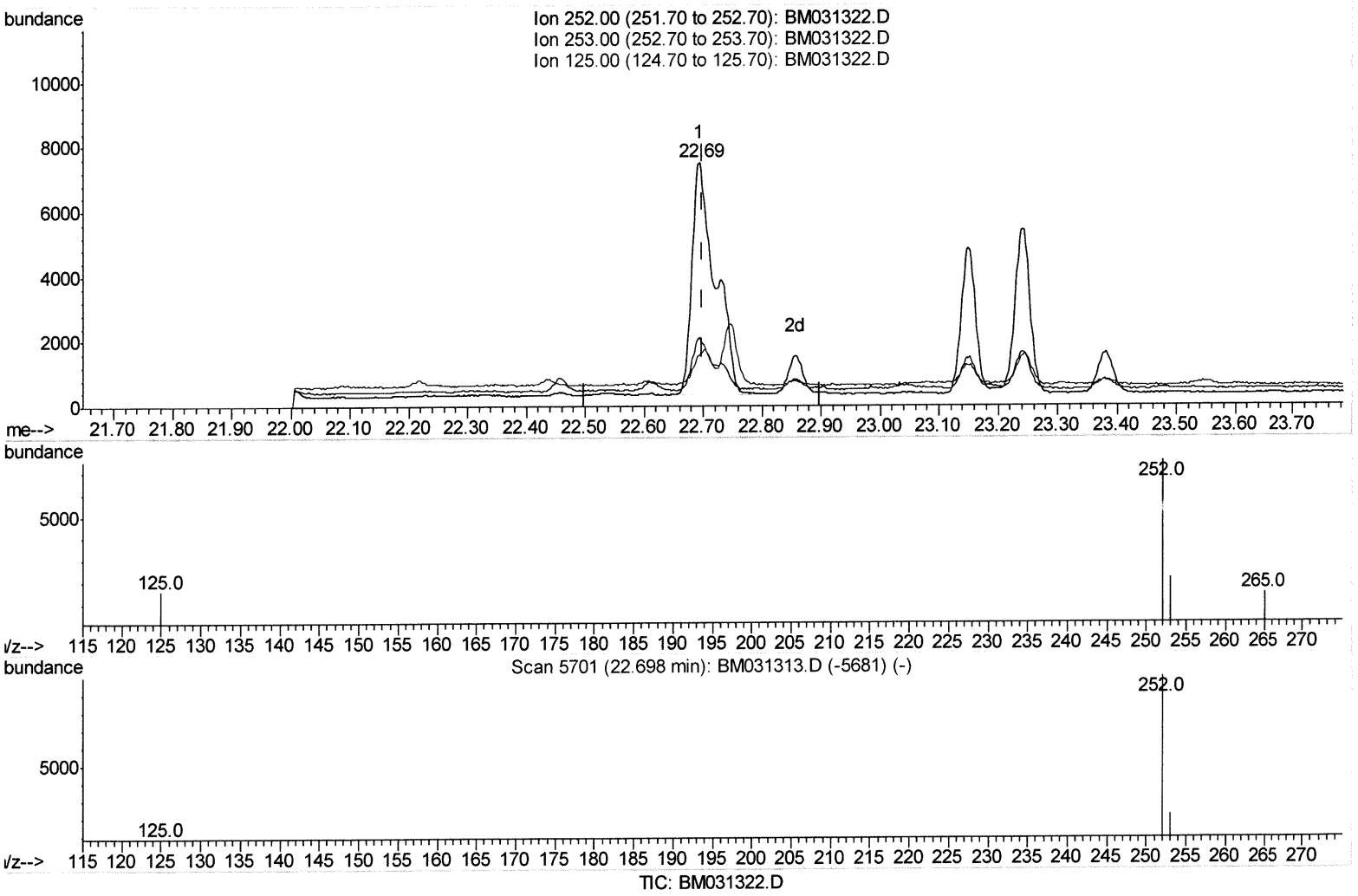

TIC: BM031322.D

(24) Benzo(b)fluoranthene

22.694min (-0.004) 0.67ng/ul

response 19702

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.35
125.00	11.40	21.14
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031322.D
Acq On : 31 Jul 2021 21:14
Operator : CG/JU
Sample : M3091-17DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 02 01:13:13 2021
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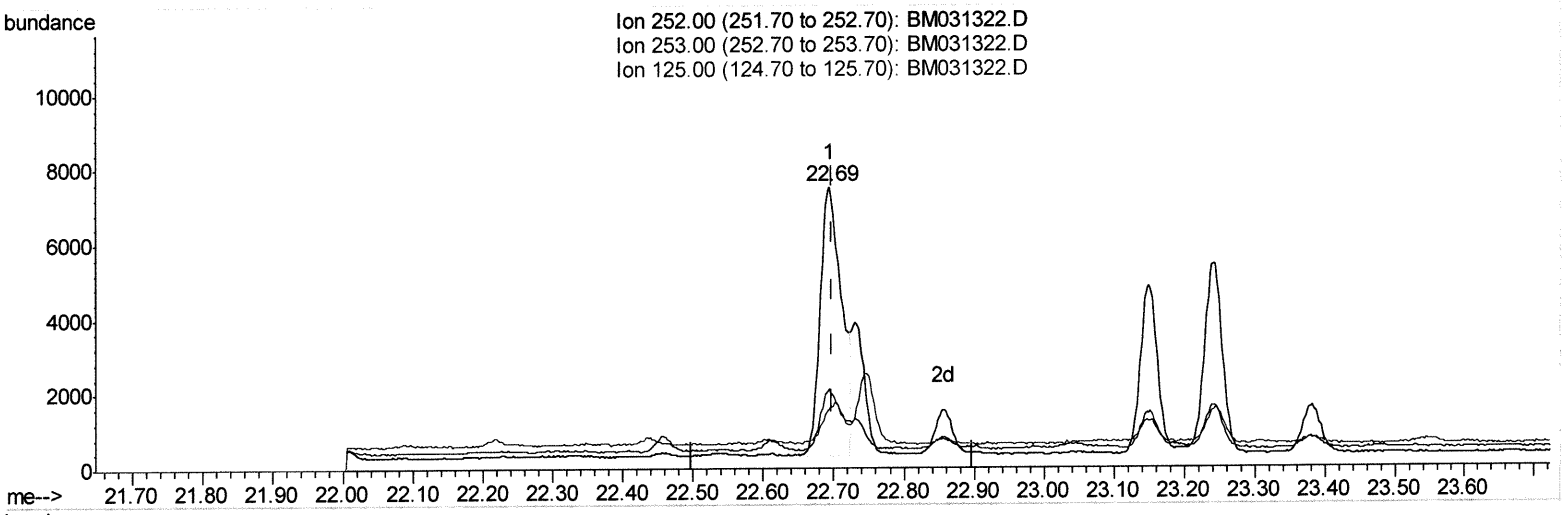
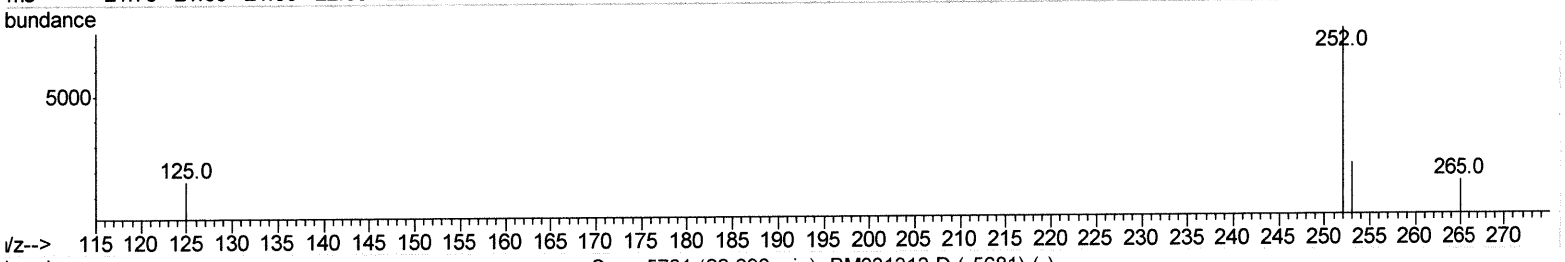
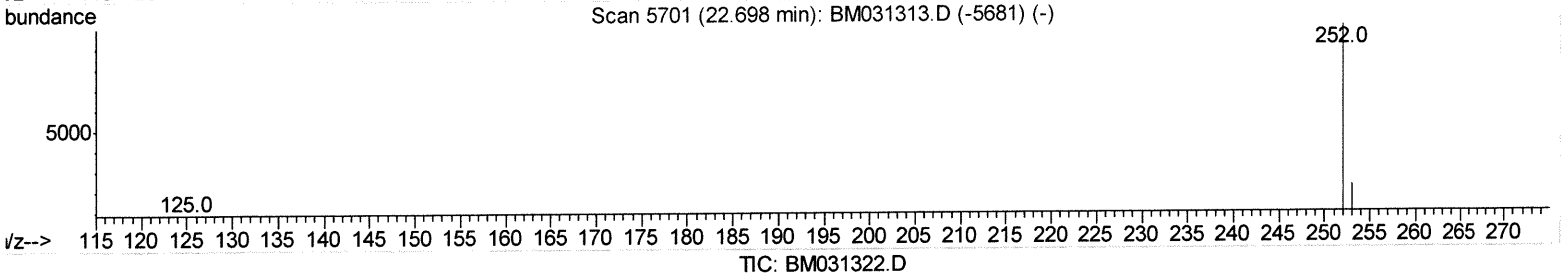
BNA_M
ClientSampleId :
C0055DL

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:54 PM





Scan 5701 (22.698 min): BM031313.D (-5681) (-)



TIC: BM031322.D

(24) Benzo(b)fluoranthene

22.694min (-0.004) 0.52ng/ul m JU 8/3/21

response 15245

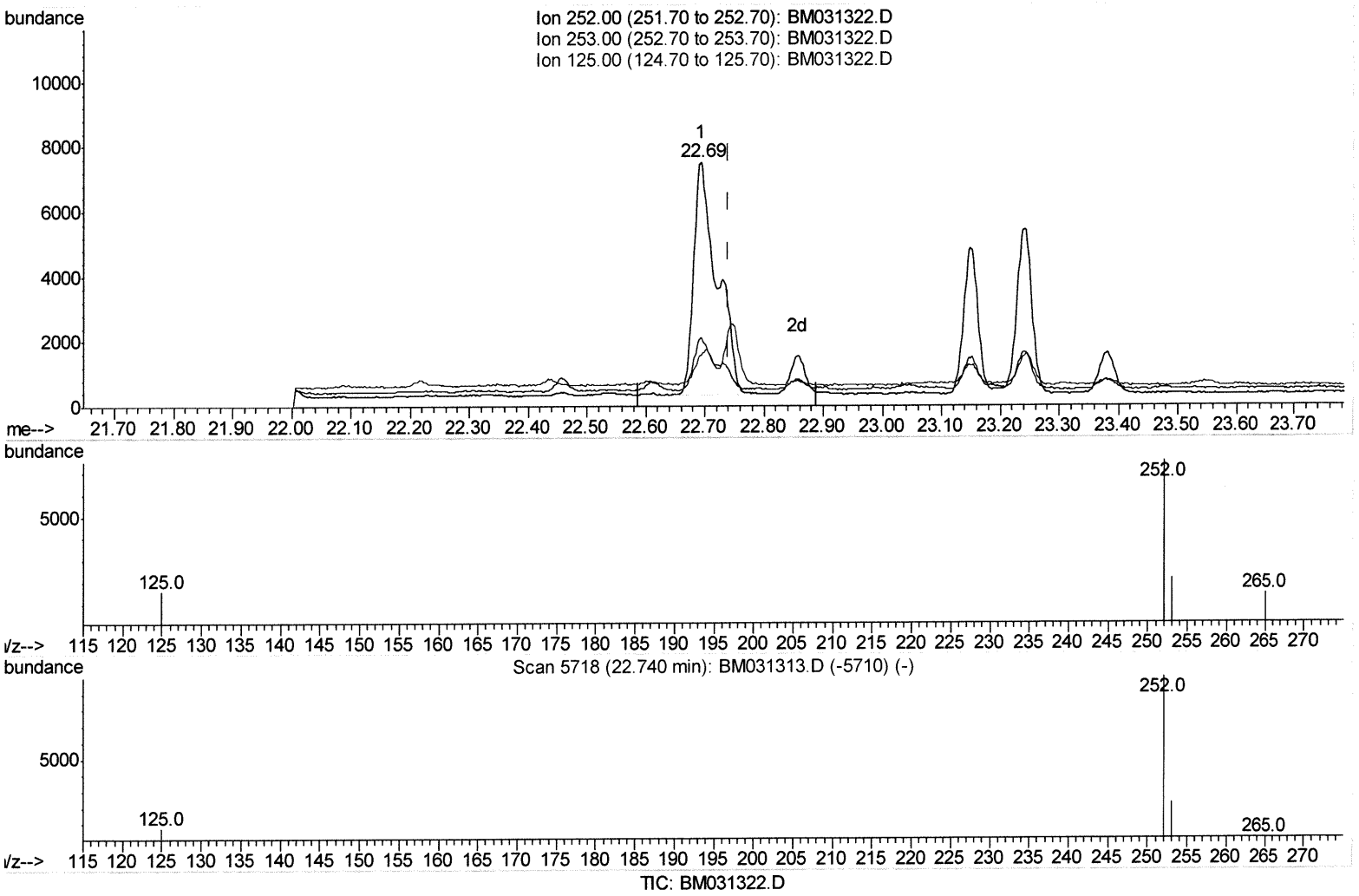
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.35
125.00	11.40	21.14
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031322.D
Acq On : 31 Jul 2021 21:14
Operator : CG/JU
Sample : M3091-17DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 02 02:45:16 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 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0055DL

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:54 PM



TIC: BM031322.D

(25) Benzo(k)fluoranthene

22.694min (-0.046) 0.65ng/ul

response 19702

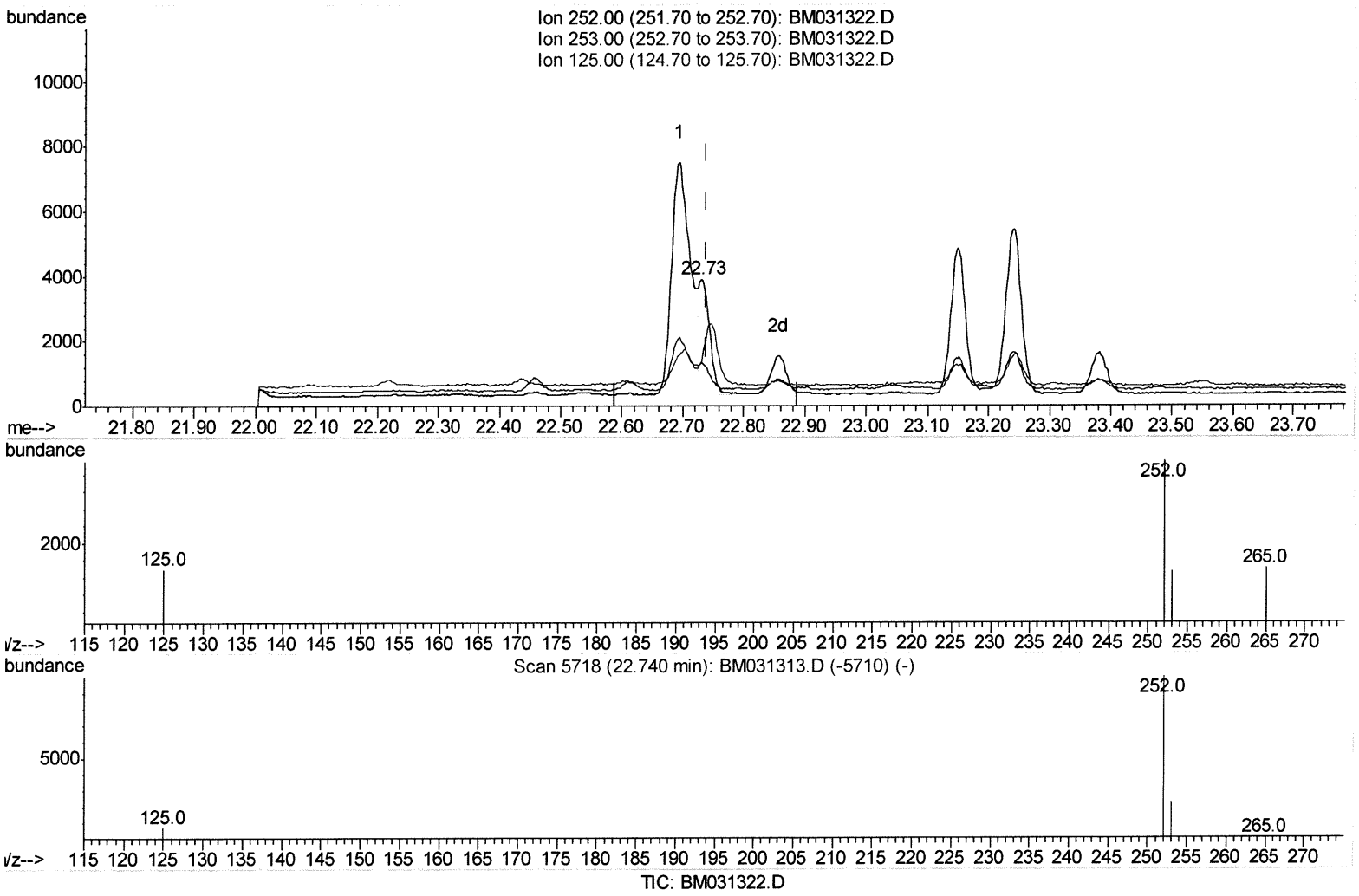
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.35
125.00	11.00	21.14#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031322.D
Acq On : 31 Jul 2021 21:14
Operator : CG/JU
Sample : M3091-17DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 02 02:45:16 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 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0055DL

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:54 PM



(25) Benzo(k)fluoranthene

22.730min (-0.009) 0.15ng/ul m JU 8/3/21

response 4671

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.08#
125.00	11.00	35.21#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031322.D
Acq On : 31 Jul 2021 21:14
Operator : CG/JU
Sample : M3091-17DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0055DL

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:54 PM

Quant Time: Aug 02 02:45:54 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 14:16:52 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1907	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	7700	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	4736	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	9264	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	6946	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	6512	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	1046	0.49	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	466	0.04	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	962	0.04	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.41	128	2976	0.130	ng/ul	96
7) 2-Methylnaphthalene	12.04	142	5099	0.325	ng/ul	100
8) 1-Methylnaphthalene	12.26	142	2887	0.186	ng/ul	98
10) Acenaphthylene	13.96	152	1949	0.097	ng/ul	92
12) Fluorene	15.29	166	493	0.025	ng/ul#	72
15) Phenanthrene	17.02	178	17167	0.584	ng/ul	99
16) Anthracene	17.12	178	2017	0.073	ng/ul#	92
19) Fluoranthene	19.04	202	22038	0.743	ng/ul#	95
20) Pyrene	19.41	202	19231	0.639	ng/ul#	95
21) Benzo(a)anthracene	21.16	228	9524	0.340	ng/ul#	92
22) Chrysene	21.21	228	13241	0.456	ng/ul	96
24) Benzo(b)fluoranthene	22.69	252	15245m	0.520	ng/ul	
25) Benzo(k)fluoranthene	22.73	252	4671m	0.154	ng/ul	
26) Benzo(a)pyrene	23.24	252	9056	0.352	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.48	276	6549	0.197	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.48	278	1757	0.066	ng/ul#	41
29) Benzo(g,h,i)perylene	26.13	276	5925	0.209	ng/ul#	89

JU 8/3/21

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