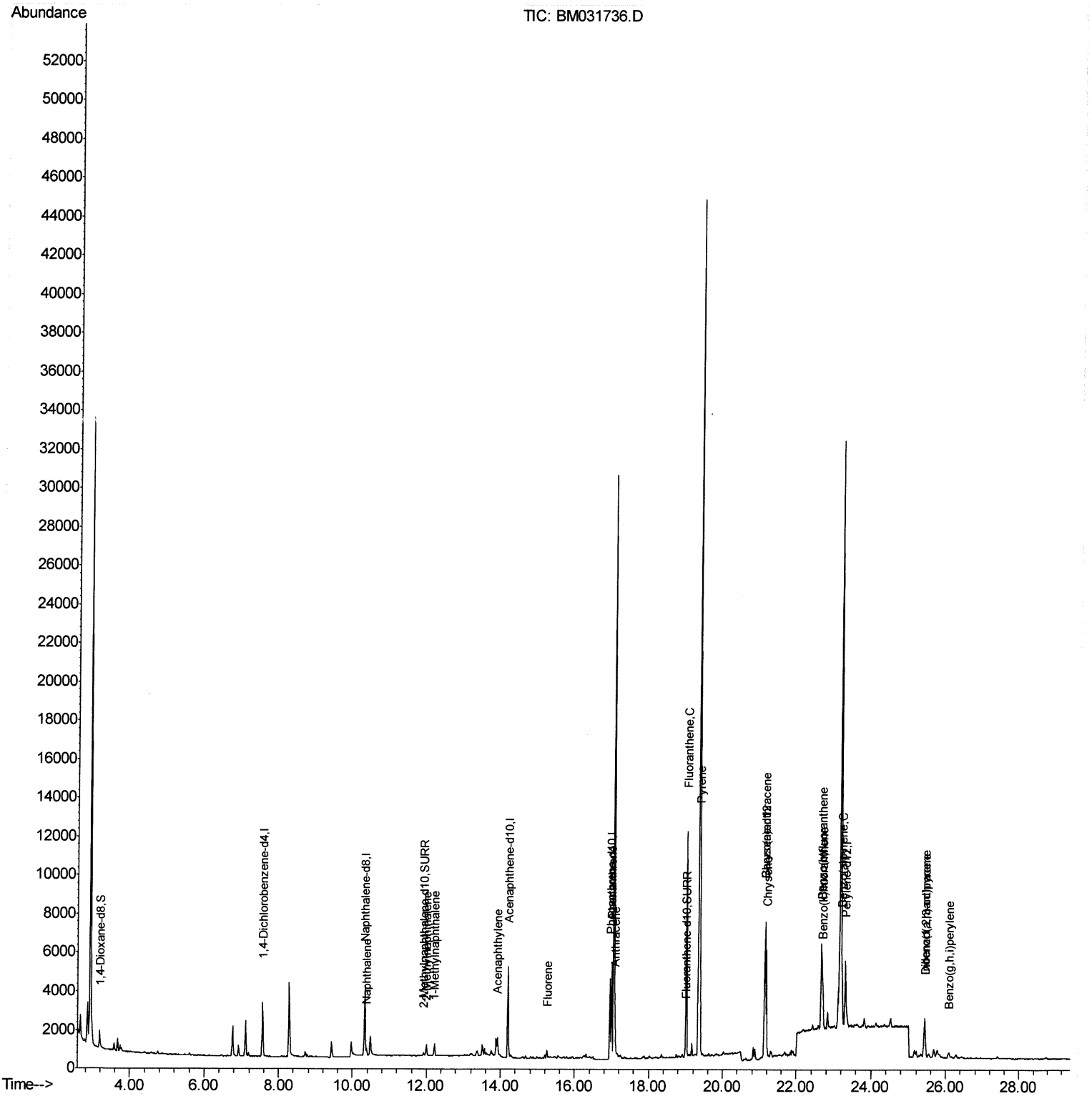
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031736.D
Acq On : 14 Aug 2021 04:57
Operator : CG/JU
Sample : M3208-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 14 05:30:57 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00E5DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:41:01 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031736.D
Acq On : 14 Aug 2021 04:57
Operator : CG/JU
Sample : M3208-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 14 05:28:22 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00E5DL

Manual Integrations APPROVED
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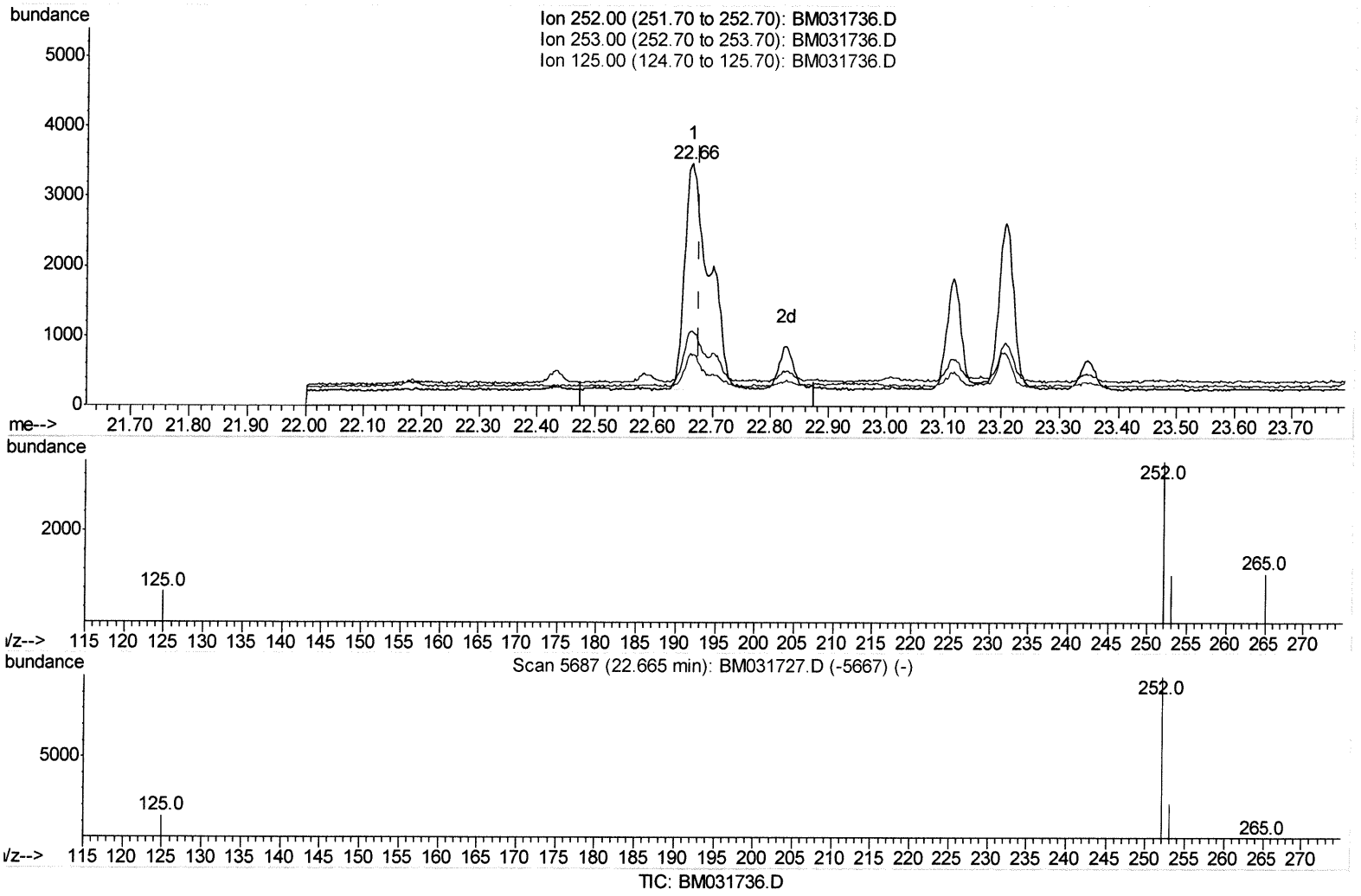
8/16/2021 8:41:01 AM



TIC: BM031736.D

(24) Benzo(b)fluoranthene

22.665min (-0.012) 0.49ng/ul

response 9444

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	31.02
125.00	11.40	20.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031736.D
Acq On : 14 Aug 2021 04:57
Operator : CG/JU
Sample : M3208-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 14 05:28:22 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 : Thu Aug 12 17:28:09 2021
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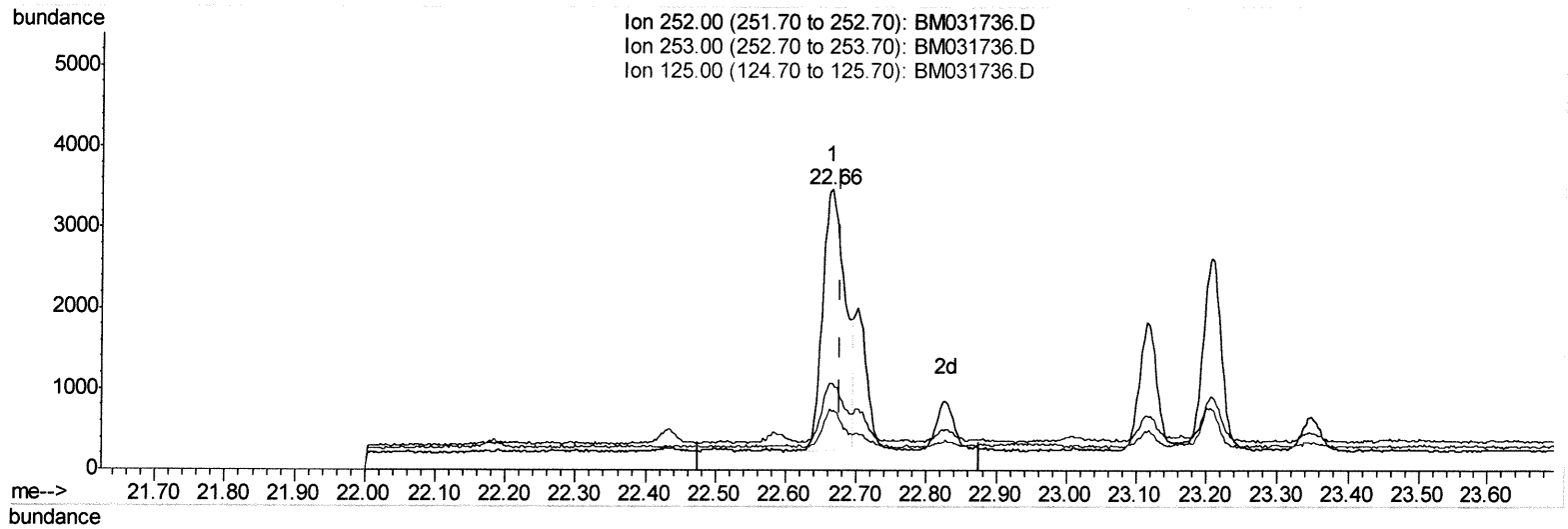
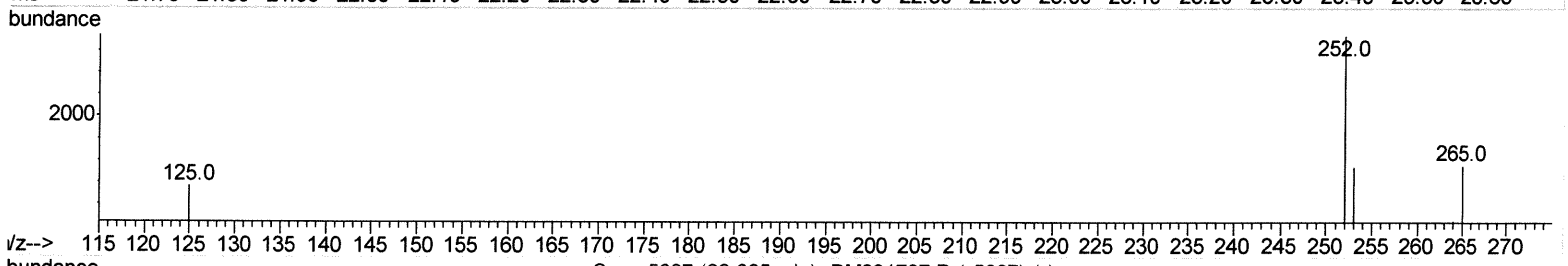
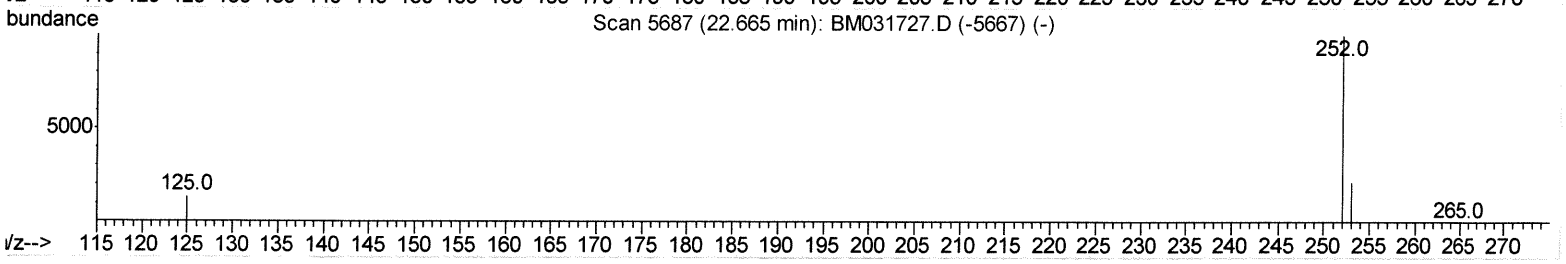
C00E5DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:41:01 AM





Scan 5687 (22.665 min): BM031727.D (-5667) (-)



TIC: BM031736.D

(24) Benzo(b)fluoranthene

22.665min (-0.012) 0.37ng/ul m

response 7163

JU 8/16/21

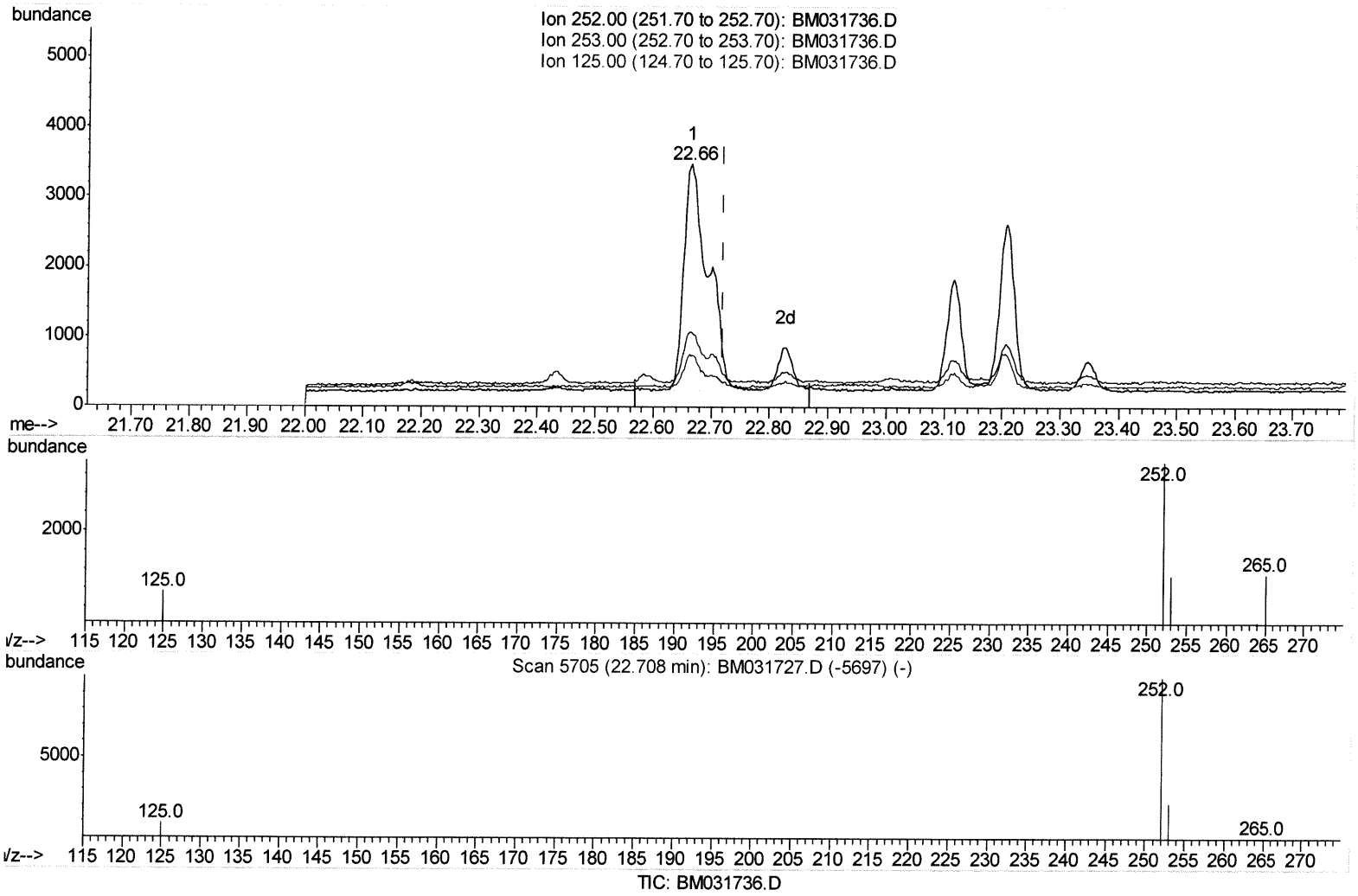
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	31.02
125.00	11.40	20.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031736.D
Acq On : 14 Aug 2021 04:57
Operator : CG/JU
Sample : M3208-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 14 05:30:01 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00E5DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:41:01 AM



(25) Benzo(k)fluoranthene

22.665min (-0.055) 0.48ng/ul

response 9444

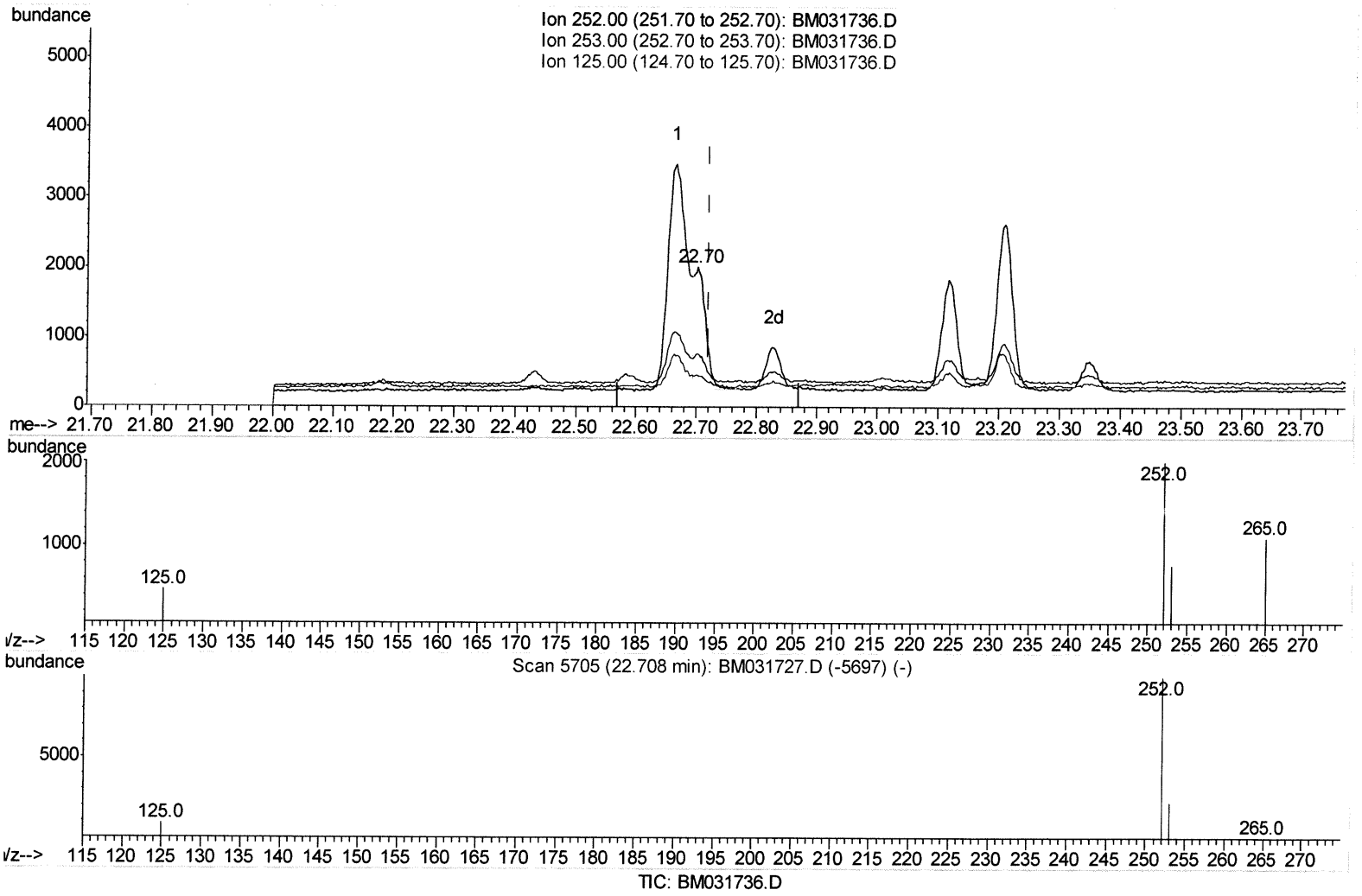
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	31.02
125.00	11.00	20.76#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031736.D
Acq On : 14 Aug 2021 04:57
Operator : CG/JU
Sample : M3208-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 14 05:30:01 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00E5DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:41:01 AM



(25) Benzo(k)fluoranthene

22.701min (-0.019) 0.12ng/ul m

JG 8/16/21

response 2294

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	37.97#
125.00	11.00	23.25#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031736.D
Acq On : 14 Aug 2021 04:57
Operator : CG/JU
Sample : M3208-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 14 05:30:57 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C00E5DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:41:01 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1403	0.40	ng/ul	0.00
4) Naphthalene-d8	10.32	136	5056	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2711	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	5177	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	4259	0.40	ng/ul	-0.01
23) Perylene-d12	23.30	264	4257	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	707	0.45	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	263	0.03	ng/ul	-0.01
18) Fluoranthene-d10	18.99	212	527	0.04	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.37	128	499	0.033	ng/ul#	69
7) 2-Methylnaphthalene	12.00	142	494	0.048	ng/ul	100
8) 1-Methylnaphthalene	12.22	142	483	0.048	ng/ul	99
10) Acenaphthylene	13.92	152	1268	0.110	ng/ul#	90
12) Fluorene	15.26	166	312	0.028	ng/ul#	89
15) Phenanthrene	16.99	178	5456	0.332	ng/ul	99
16) Anthracene	17.09	178	1300	0.084	ng/ul#	91
19) Fluoranthene	19.02	202	10421	0.573	ng/ul	98
20) Pyrene	19.38	202	8901	0.483	ng/ul	97
21) Benzo(a)anthracene	21.13	228	4949	0.288	ng/ul	91
22) Chrysene	21.18	228	5419	0.305	ng/ul	95
24) Benzo(b)fluoranthene	22.66	252	7163m	0.373	ng/ul	
25) Benzo(k)fluoranthene	22.70	252	2294m	0.116	ng/ul	
26) Benzo(a)pyrene	23.21	252	4322	0.257	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.43	276	3151	0.145	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.44	278	846	0.048	ng/ul#	28
29) Benzo(g,h,i)perylene	26.08	276	569	0.031	ng/ul#	42

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