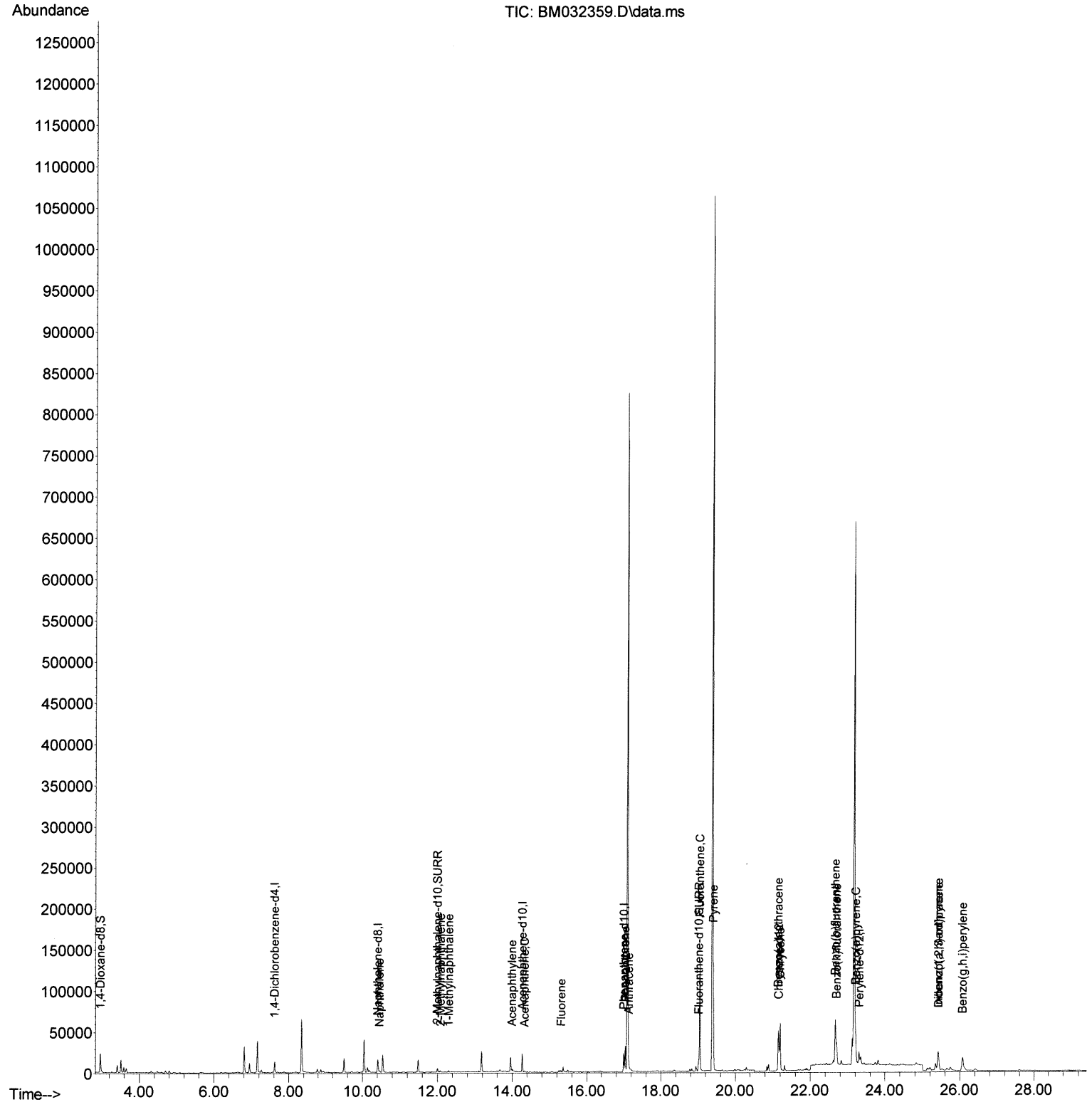
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032359.D
Acq On : 07 Oct 2021 16:41
Operator : CG/JU
Sample : M3879-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 07 17:11:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:38:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EW405

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:33 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
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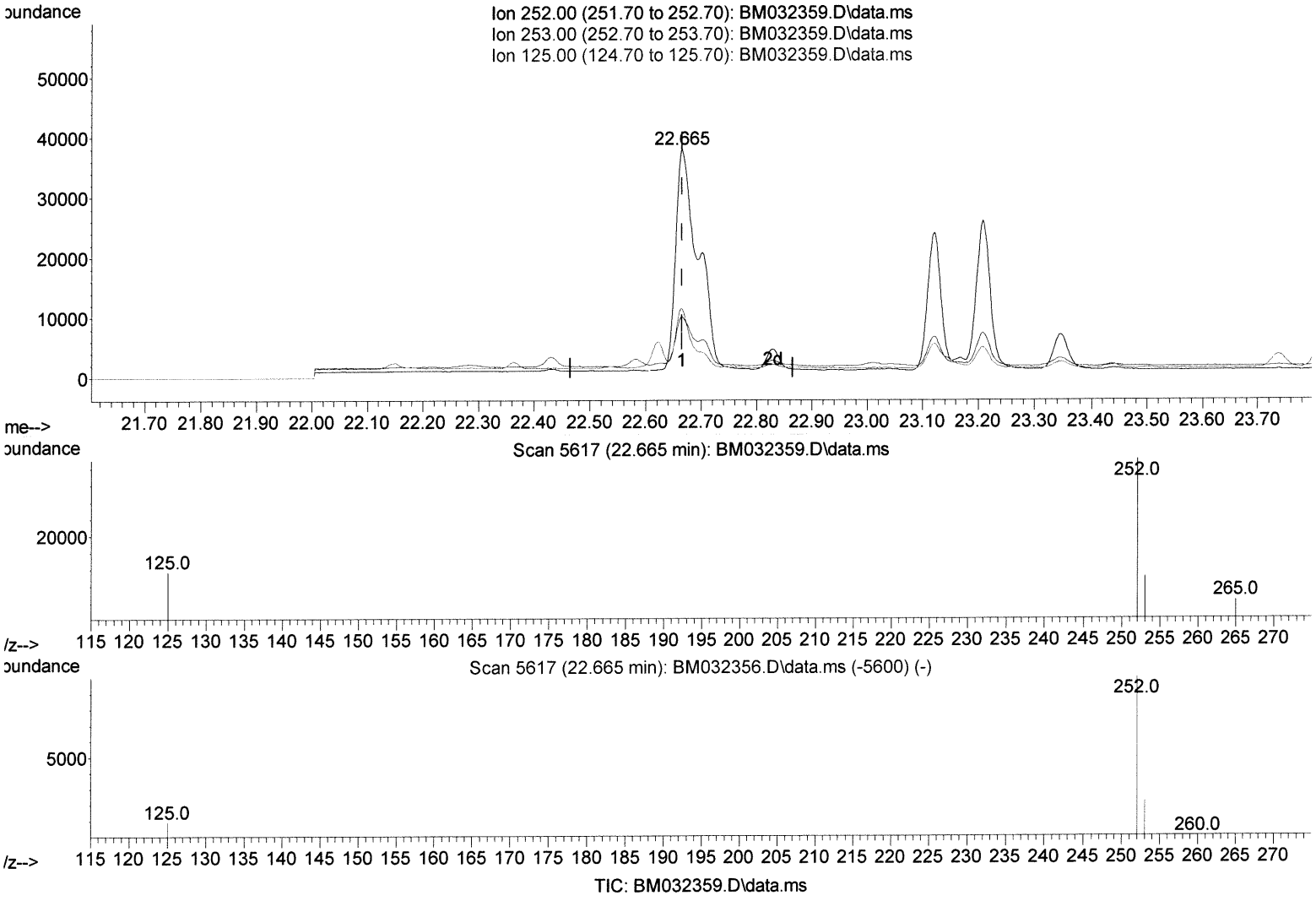

(24) Benzo(b)fluoranthene

22.665min (+ 0.000) 1.08 ng/ul

response 103671

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.00	26.54
125.00	15.70	29.97
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
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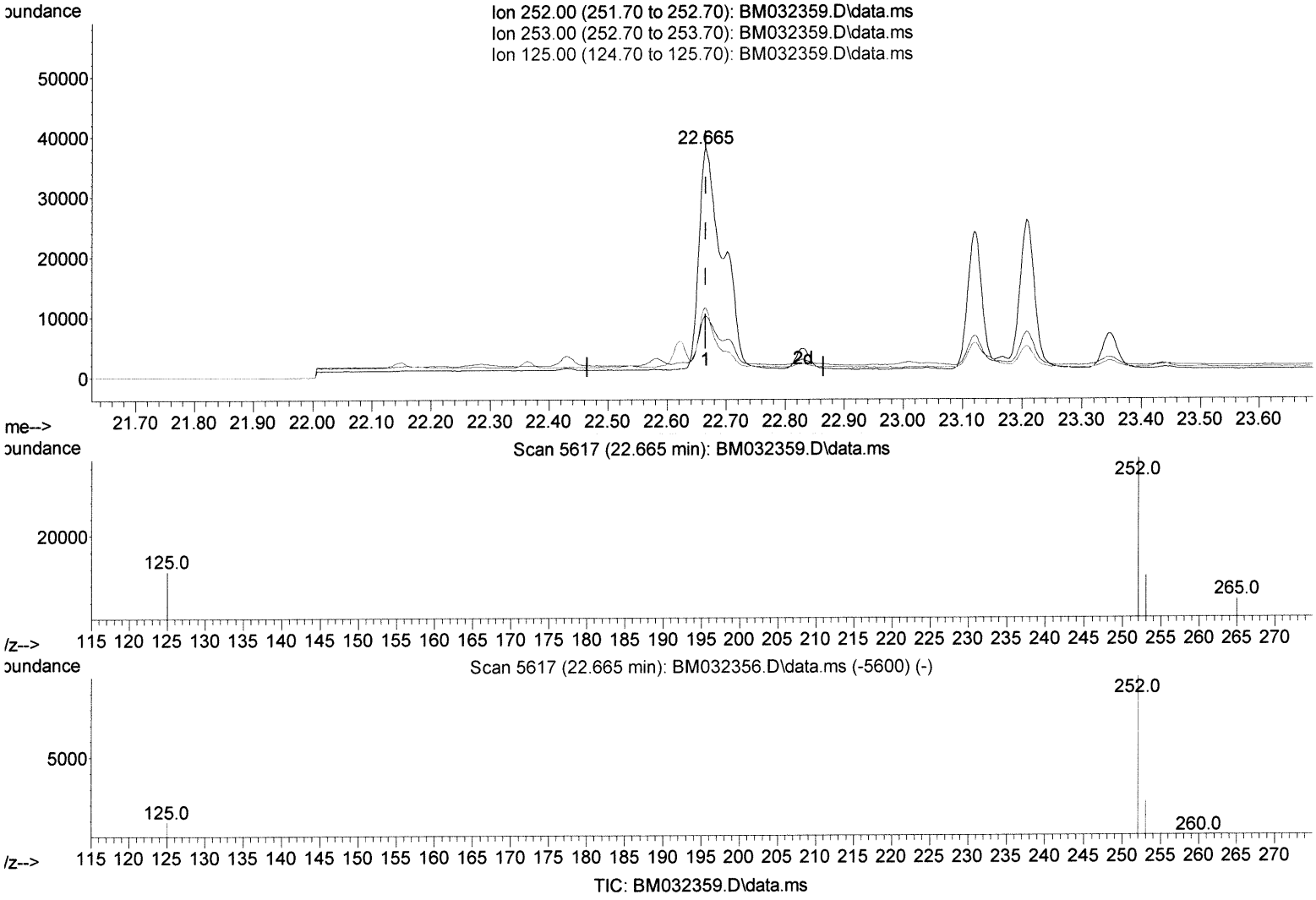
EW405

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:33 PM



(24) Benzo(b)fluoranthene

22.665min (+ 0.000) 0.79 ng/ul m

JCP 10/12/21

response 75385

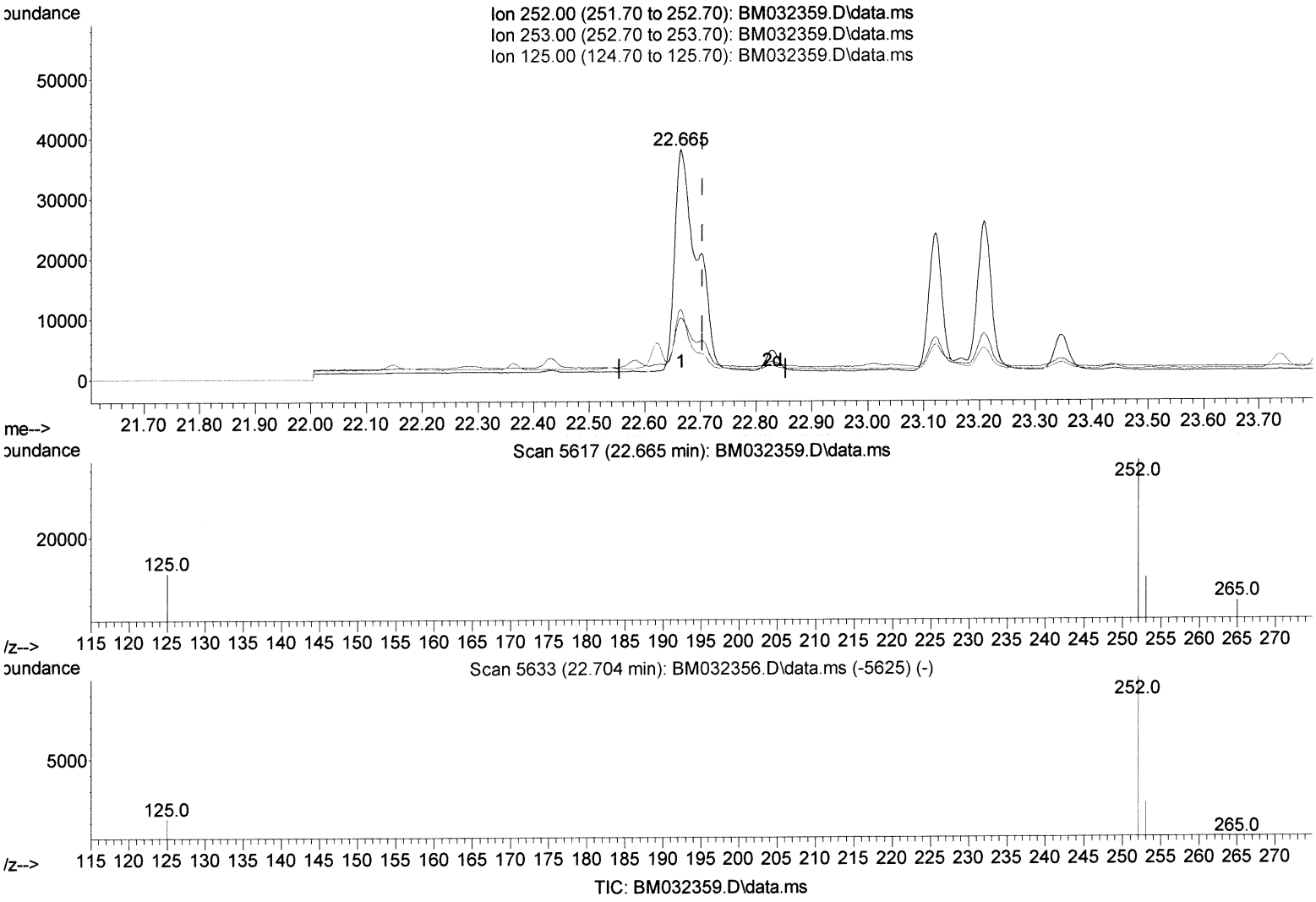
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.00	26.54
125.00	15.70	29.97
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032359.D
Acq On : 07 Oct 2021 16:41
Operator : CG/JU
Sample : M3879-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 07 17:11:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:38:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EW405

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:33 PM



(25) Benzo(k)fluoranthene

22.665min (-0.039) 1.12 ng/ul

response 103671

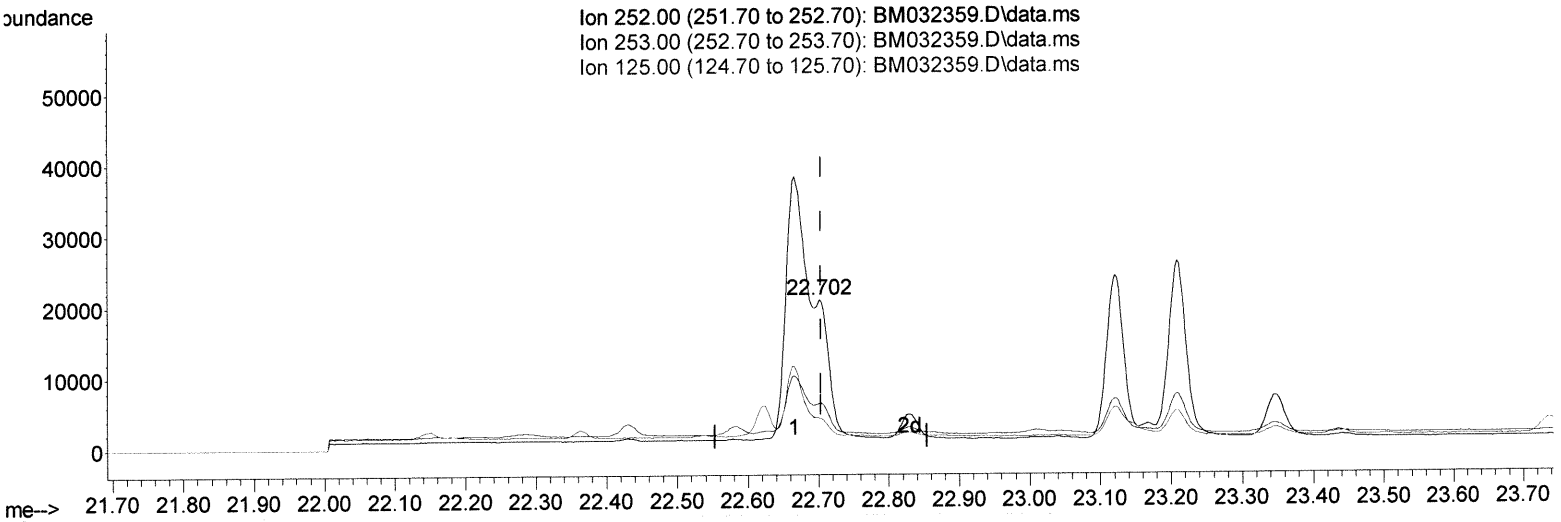
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	26.54
125.00	16.10	29.97#
0.00	0.00	0.00

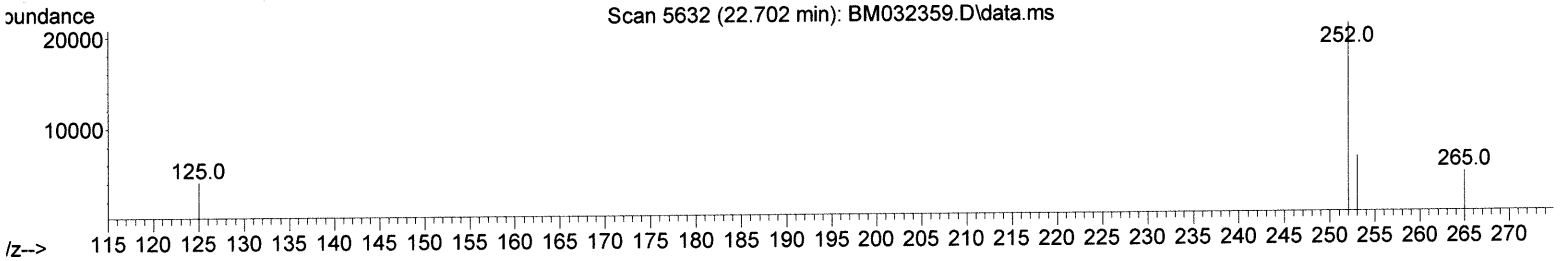
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032359.D
Acq On : 07 Oct 2021 16:41
Operator : CG/JU
Sample : M3879-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

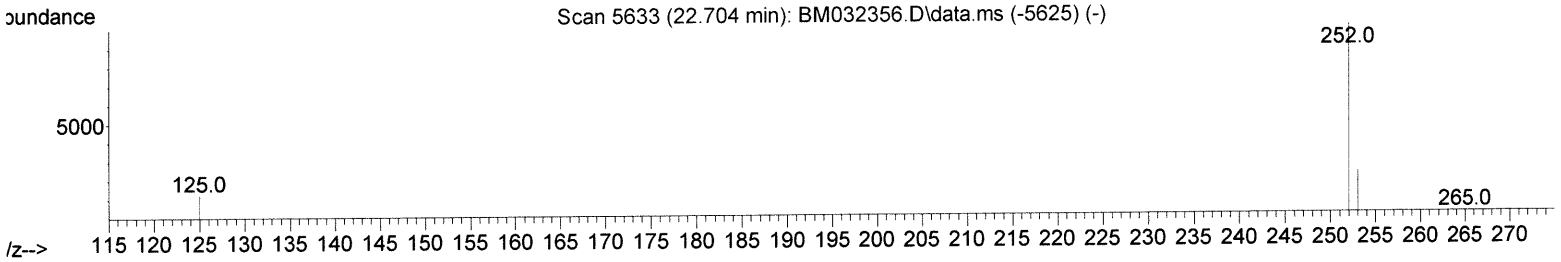
Quant Time: Oct 07 17:11:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:38:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EW405

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:33 PM







TIC: BM032359.D\data.ms

(25) Benzo(k)fluoranthene

22.702min (-0.002) 0.30 ng/ul m

response 27642

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	30.08
125.00	16.10	19.74#
0.00	0.00	0.00

JP 10/12/21

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032359.D
Acq On : 07 Oct 2021 16:41
Operator : CG/JU
Sample : M3879-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 07 17:11:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:38:40 2021
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ClientSampleId : EW405

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:33 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.626	152	6068	0.400	ng/ul	0.00
4) Naphthalene-d8	10.411	136	20973	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.270	164	11689	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.995	188	24645	0.400	ng/ul	0.00
17) Chrysene-d12	21.159	240	19794	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	18442	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.965	96	15718	2.409	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.003	152	6527	0.234	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	15563	0.289	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.460	128	2449	0.039	ng/ul#	87
7) 2-Methylnaphthalene	12.080	142	1555	0.039	ng/ul	96
8) 1-Methylnaphthalene	12.300	142	1234	0.032	ng/ul	99
10) Acenaphthylene	13.991	152	1654	0.035	ng/ul#	73
11) Acenaphthene	14.331	153	924	0.021	ng/ul	96
12) Fluorene	15.313	166	983	0.020	ng/ul#	89
15) Phenanthrene	17.036	178	32131	0.400	ng/ul	100
16) Anthracene	17.126	178	3860	0.058	ng/ul#	91
19) Fluoranthene	19.046	202	108263	1.310	ng/ul	99
20) Pyrene	19.408	202	93893	1.133	ng/ul	99
21) Benzo(a)anthracene	21.142	228	36119	0.516	ng/ul	97
22) Chrysene	21.193	228	57629	0.704	ng/ul	98
24) Benzo(b)fluoranthene	22.665	252	75385m	0.788	ng/ul	
25) Benzo(k)fluoranthene	22.702	252	27642m	0.299	ng/ul	
26) Benzo(a)pyrene	23.208	252	42934	0.597	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.418	276	35360	0.385	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.418	278	7925	0.106	ng/ul#	74
29) Benzo(g,h,i)perylene	26.072	276	31830	0.366	ng/ul	96

JU 10/12/21

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