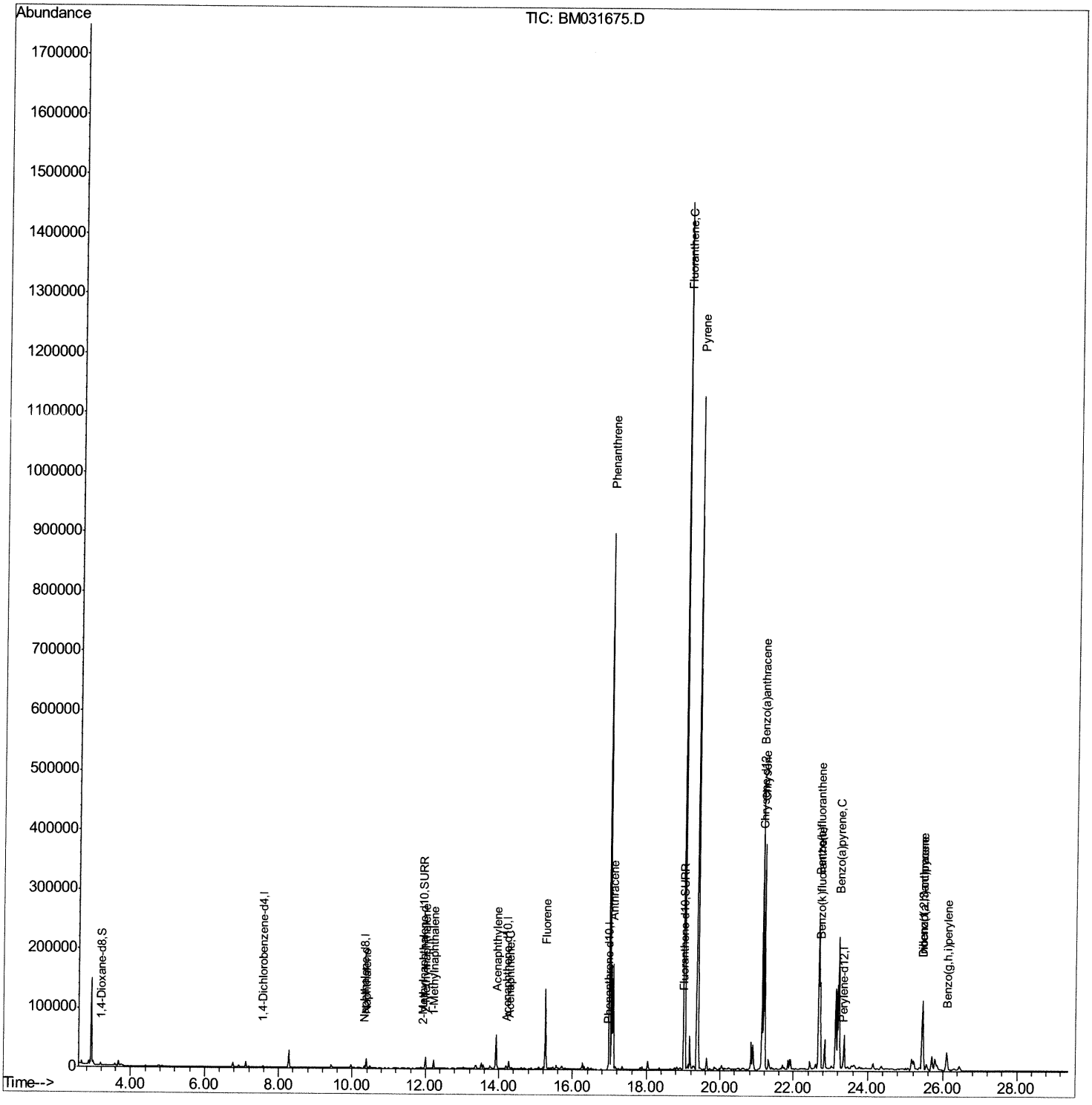
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031675.D
Acq On : 12 Aug 2021 13:45
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 12 14:19:37 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 11:28:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D8

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:52 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031675.D
Acq On : 12 Aug 2021 13:45
Operator : CG/JU
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Manual Integrations APPROVED
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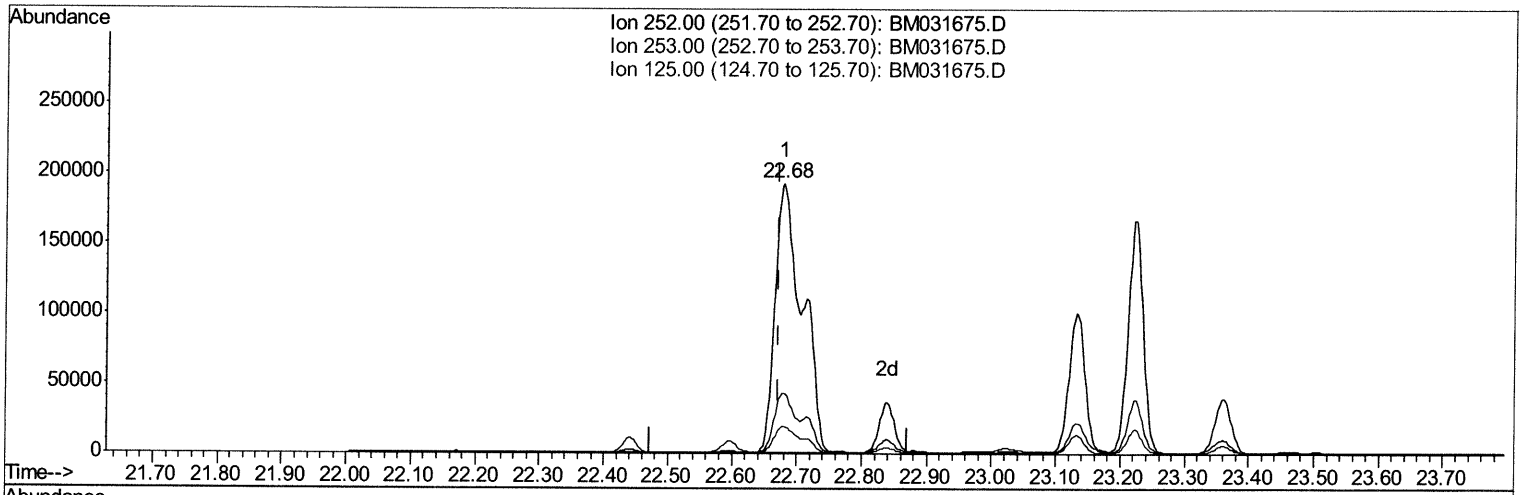

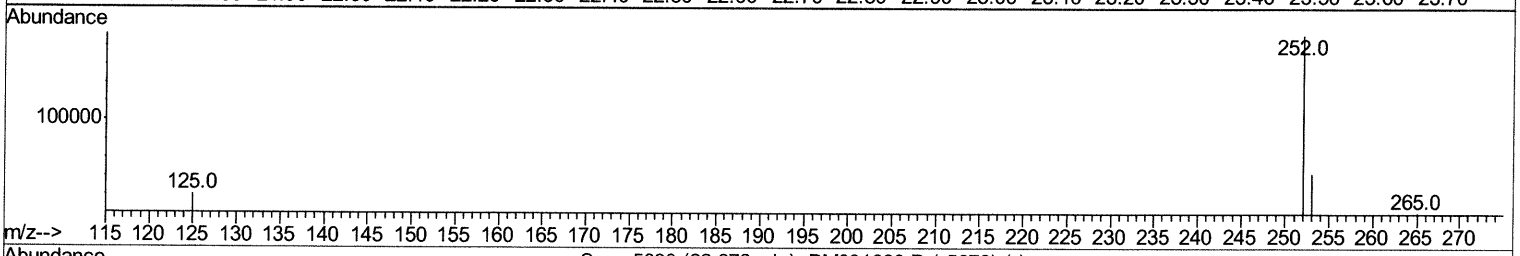

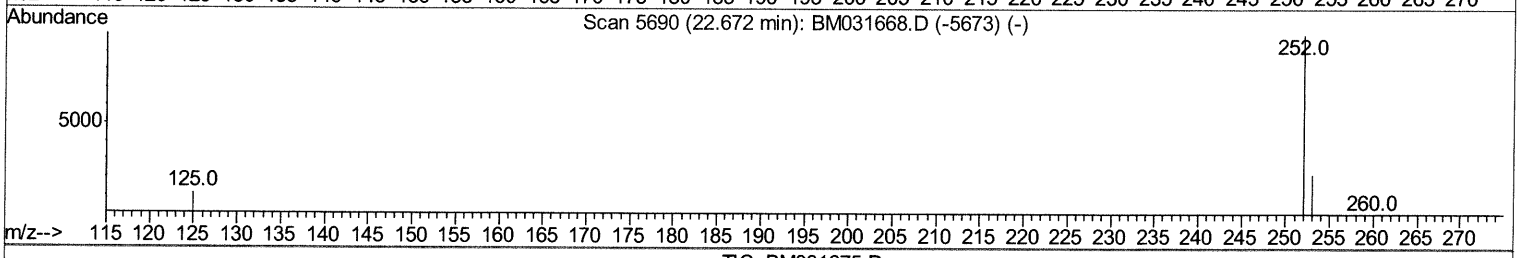

TIC: BM031675.D

(24) Benzo(b)fluoranthene

22.679min (+0.007) 30.13ng/ul

response 556807

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.49
125.00	11.40	10.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
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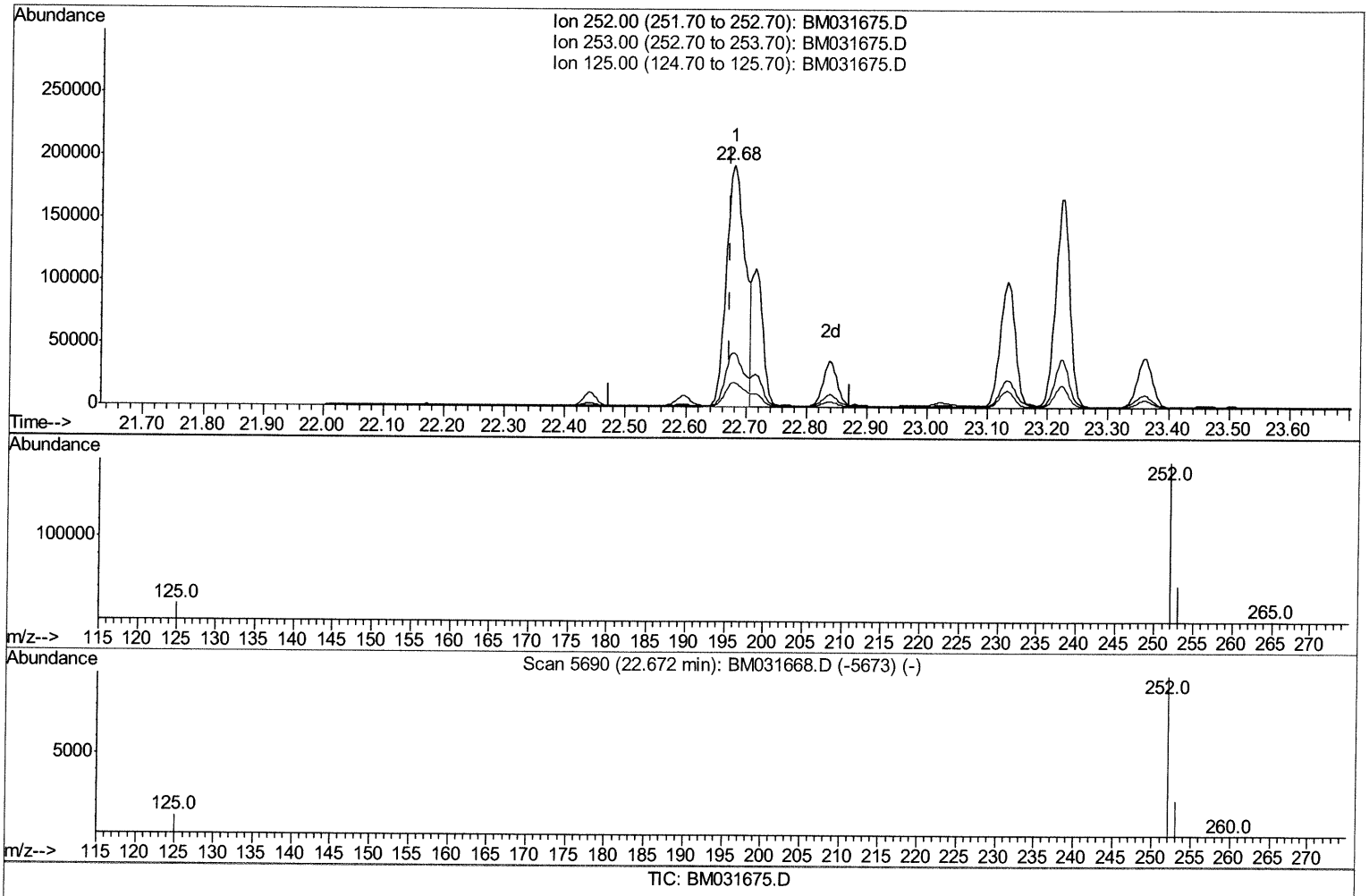
BNA_M
ClientSampleId :
C00D8

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:52 PM



TIC: BM031675.D

(24) Benzo(b)fluoranthene

22.679min (+0.007) 22.41ng/ul m 08/16/21 JU

response 414098

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.49
125.00	11.40	10.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031675.D
Acq On : 12 Aug 2021 13:45
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 12 14:18:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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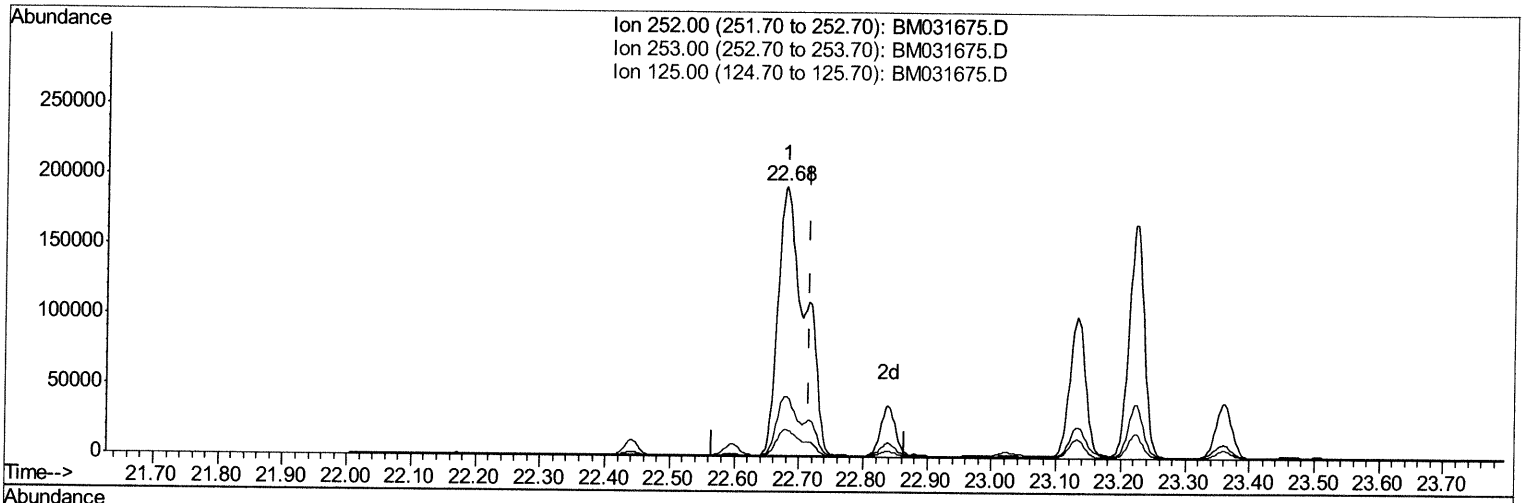
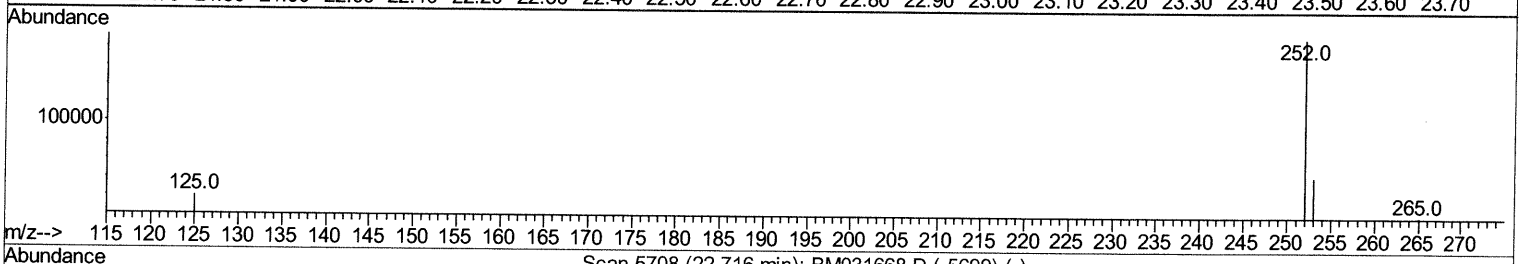
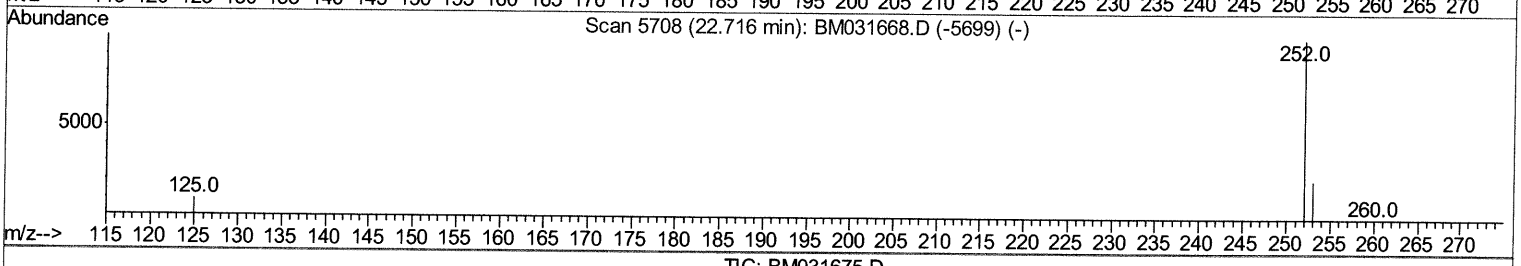
Instrument :
BNA_M
ClientSampleId :
C00D8

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:52 PM







TIC: BM031675.D

(25) Benzo(k)fluoranthene

22.679min (-0.037) 29.17ng/ul

response 556807

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.49
125.00	11.00	10.16
0.00	0.00	0.00

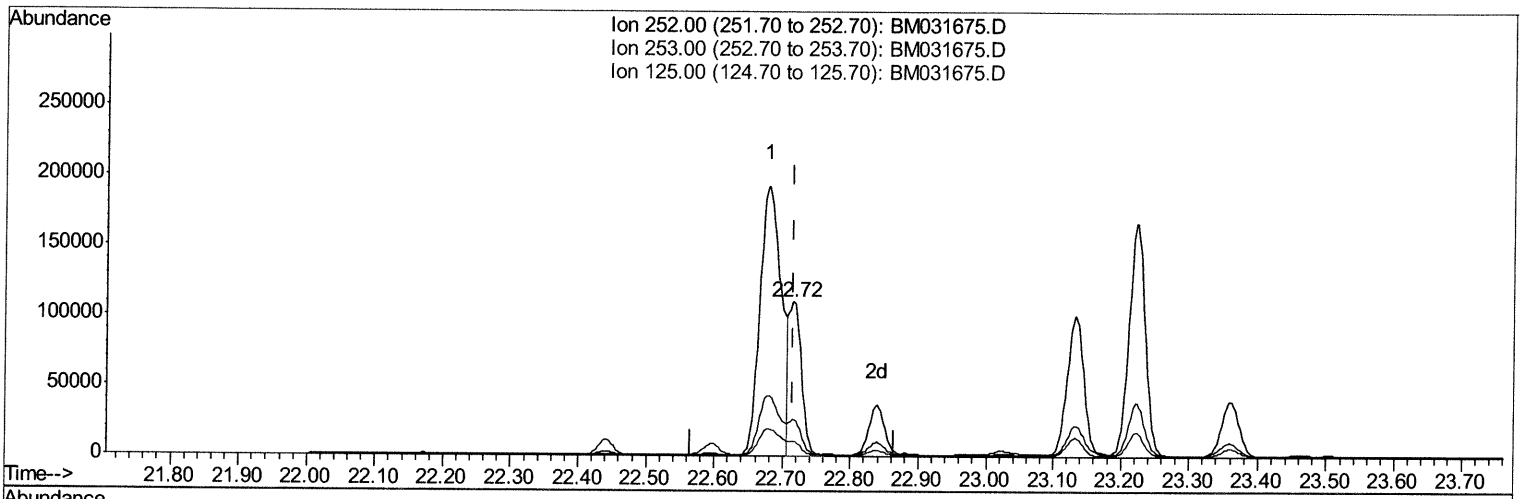
Quantitation Report (Qedit)

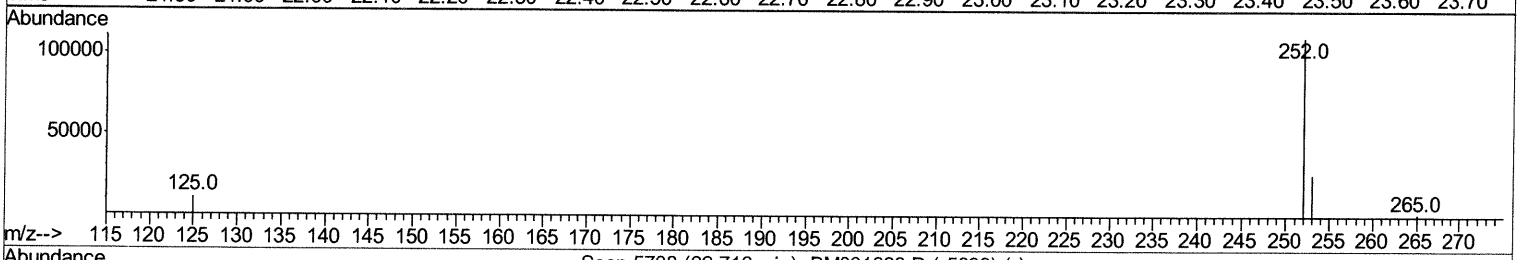
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031675.D
Acq On : 12 Aug 2021 13:45
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

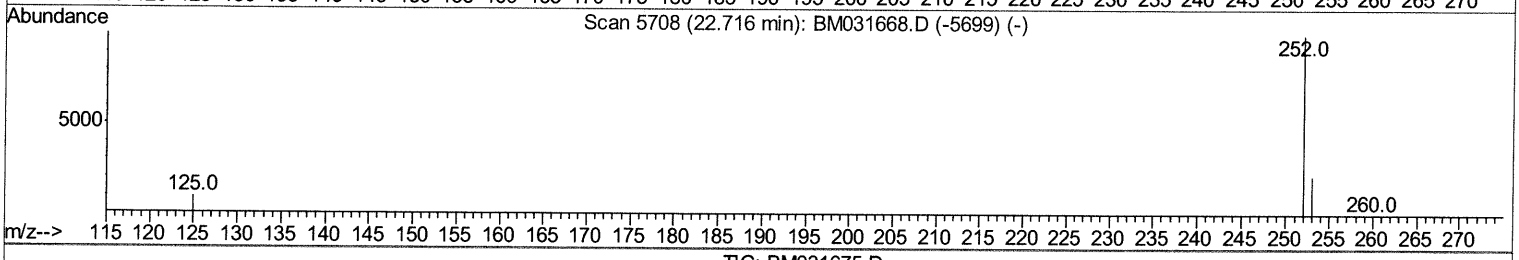
Quant Time: Aug 12 14:18:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D8

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:52 PM







TIC: BM031675.D

(25) Benzo(k)fluoranthene

22.715min (-0.000) 7.68ng/ul m 08/16/21JU

response 146698

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.59
125.00	11.00	9.91
0.00	0.00	0.00

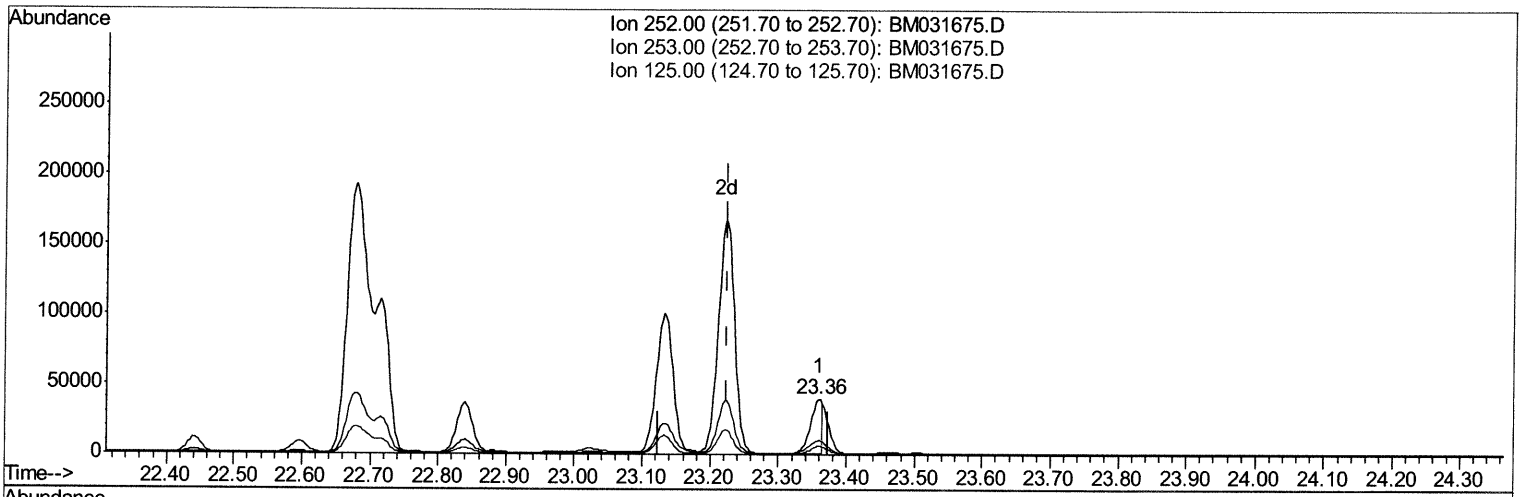
Quantitation Report (Qedit)

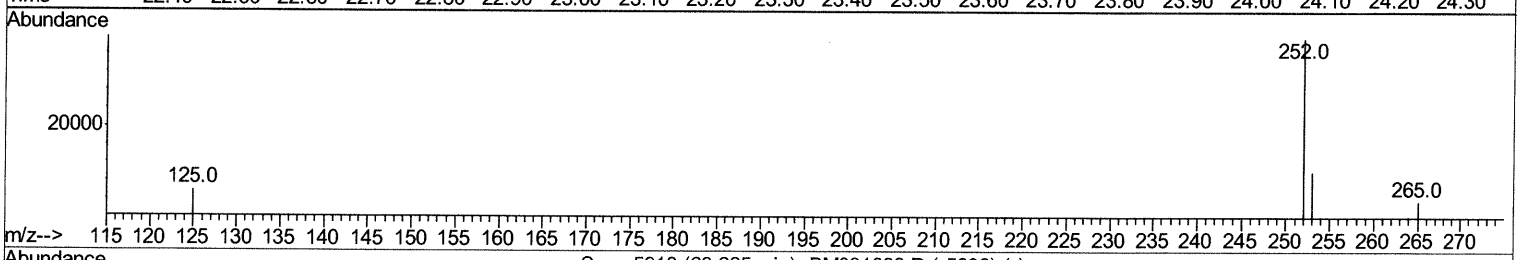
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031675.D
Acq On : 12 Aug 2021 13:45
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

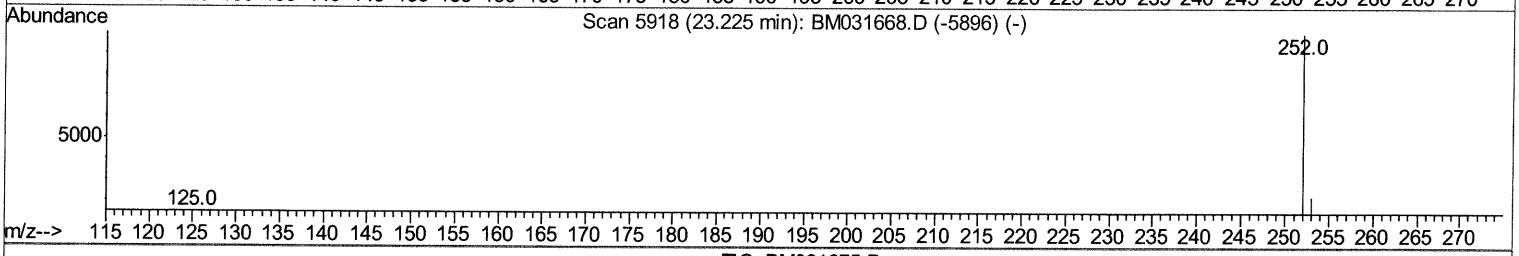
Quant Time: Aug 12 14:18:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D8

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:52 PM







TIC: BM031675.D

(26) Benzo(a)pyrene (C)

23.360min (+0.135) 2.89ng/ul

response 46753

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	25.57
125.00	16.20	15.08
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031675.D
Acq On : 12 Aug 2021 13:45
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 12 14:18:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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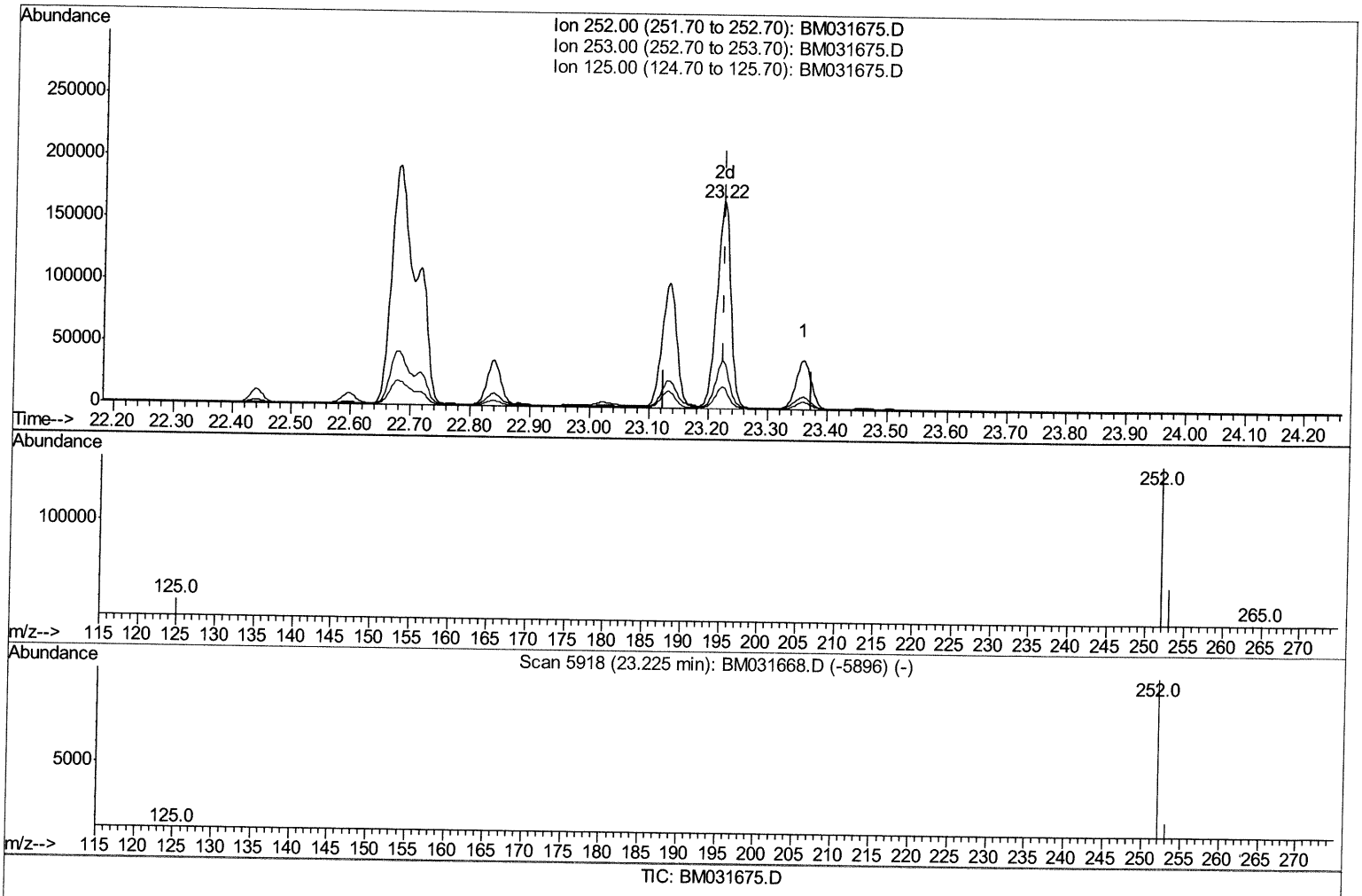
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D8

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:52 PM



(26) Benzo(a)pyrene (C)

23.222min (-0.003) 17.14ng/ul m 08/16/2134

response 277334

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	23.17
125.00	16.20	10.58#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031675.D
Acq On : 12 Aug 2021 13:45
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C00D8

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:52 PM

Quant Time: Aug 12 14:19:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1202	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	4445	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2697	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.96	188	4789	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	3884	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	4101	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	3082	2.31	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	1313	0.18	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	2737	0.21	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.38	128	22493	1.699	ng/ul	97
7) 2-Methylnaphthalene	12.00	142	13836	1.530	ng/ul	100
8) 1-Methylnaphthalene	12.22	142	10053	1.125	ng/ul	100
10) Acenaphthylene	13.93	152	68846	5.993	ng/ul	97
11) Acenaphthene	14.27	153	7840	0.811	ng/ul	99
12) Fluorene	15.26	166	84492	7.594	ng/ul	99
15) Phenanthrene	17.00	178	938886	61.740	ng/ul	97
16) Anthracene	17.09	178	177377	12.458	ng/ul	98
19) Fluoranthene	19.02	202	1249755	75.355	ng/ul	96
20) Pyrene	19.39	202	902654	53.660	ng/ul	97
21) Benzo(a)anthracene	21.14	228	393265	25.075	ng/ul	97
22) Chrysene	21.19	228	342558	21.111	ng/ul	97
24) Benzo(b)fluoranthene	22.68	252	414098m	22.411	ng/ul	
25) Benzo(k)fluoranthene	22.72	252	146698m	7.684	ng/ul	08/16/21 JU
26) Benzo(a)pyrene	23.22	252	277334m	17.139	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.45	276	176289	8.428	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.45	278	42837	2.541	ng/ul	99
29) Benzo(g,h,i)perylene	26.10	276	60776	3.406	ng/ul	99

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