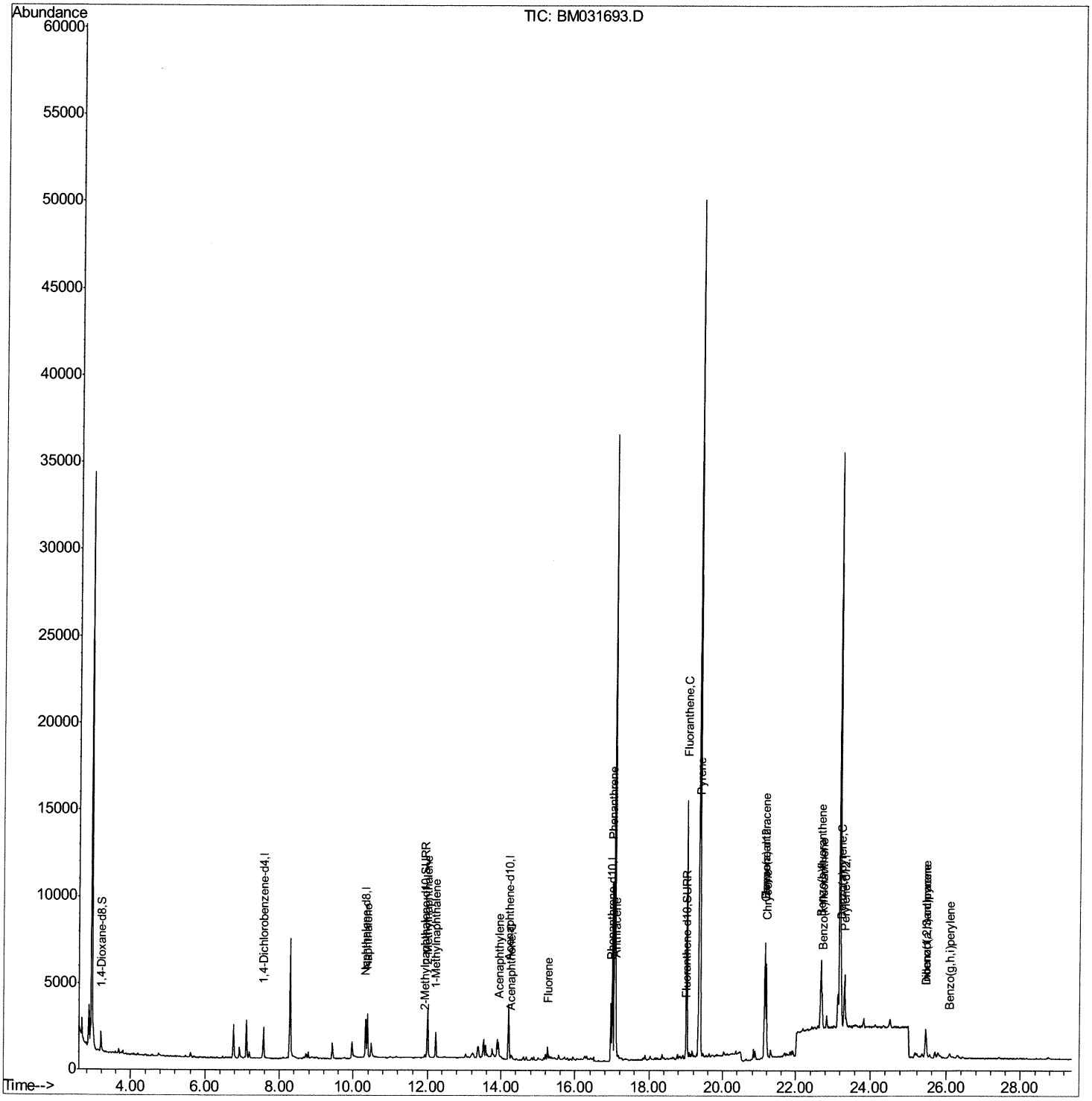
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031693.D
Acq On : 13 Aug 2021 00:59
Operator : CG/JU
Sample : M3182-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 13 01:59:48 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 Aug 13 01:03:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D0DL

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:53 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031693.D
Acq On : 13 Aug 2021 00:59
Operator : CG/JU
Sample : M3182-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 13 01:56:10 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 Aug 13 01:03:37 2021
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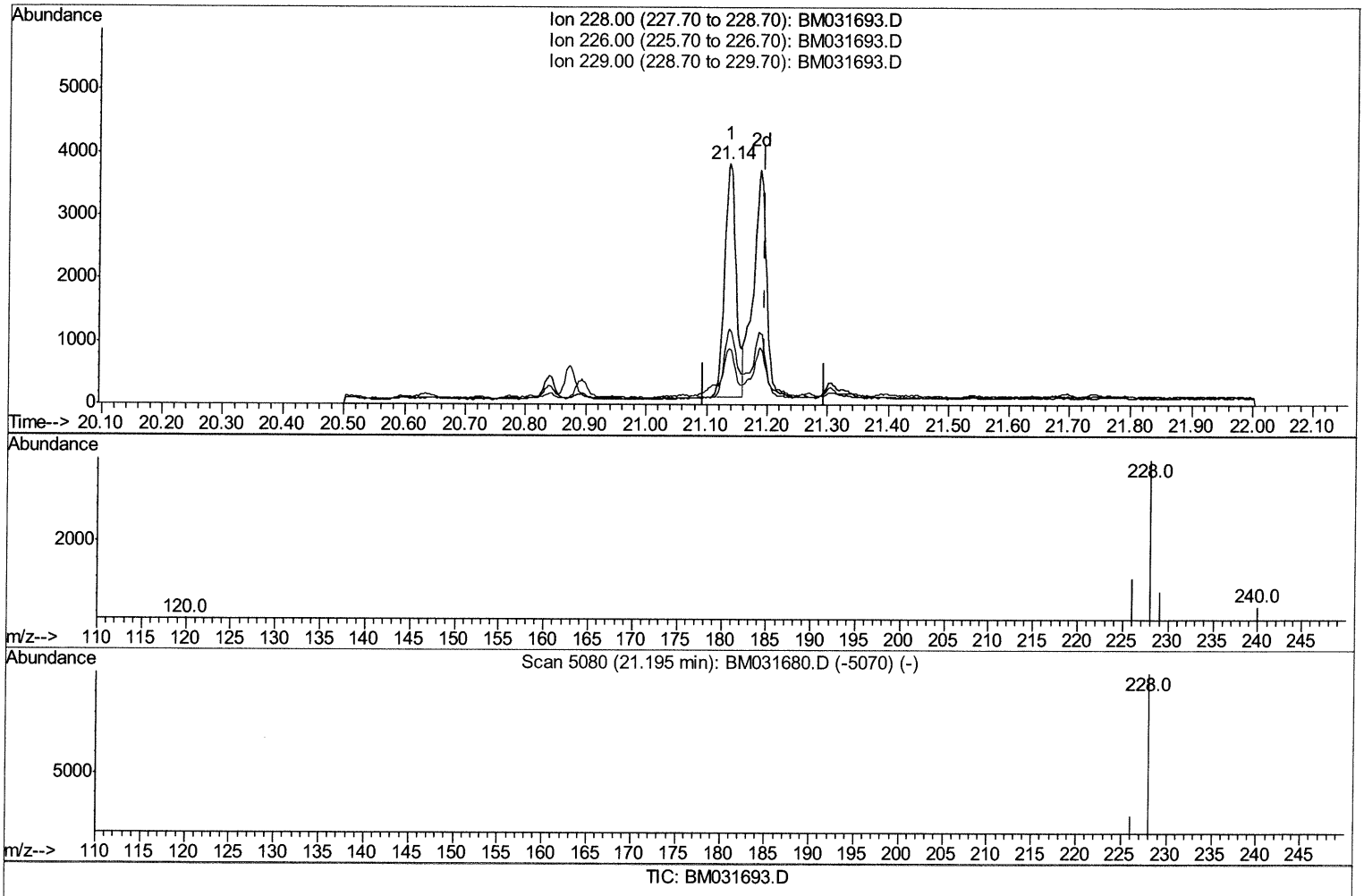
Manual Integrations APPROVED
mohammad
8/13/2021 5:14:53 PM



(22) Chrysene

21.137min (-0.058) 0.32ng/ul

response 4998

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	31.20
229.00	20.20	23.15
0.00	0.00	0.00

Quantitation Report (Qedit)

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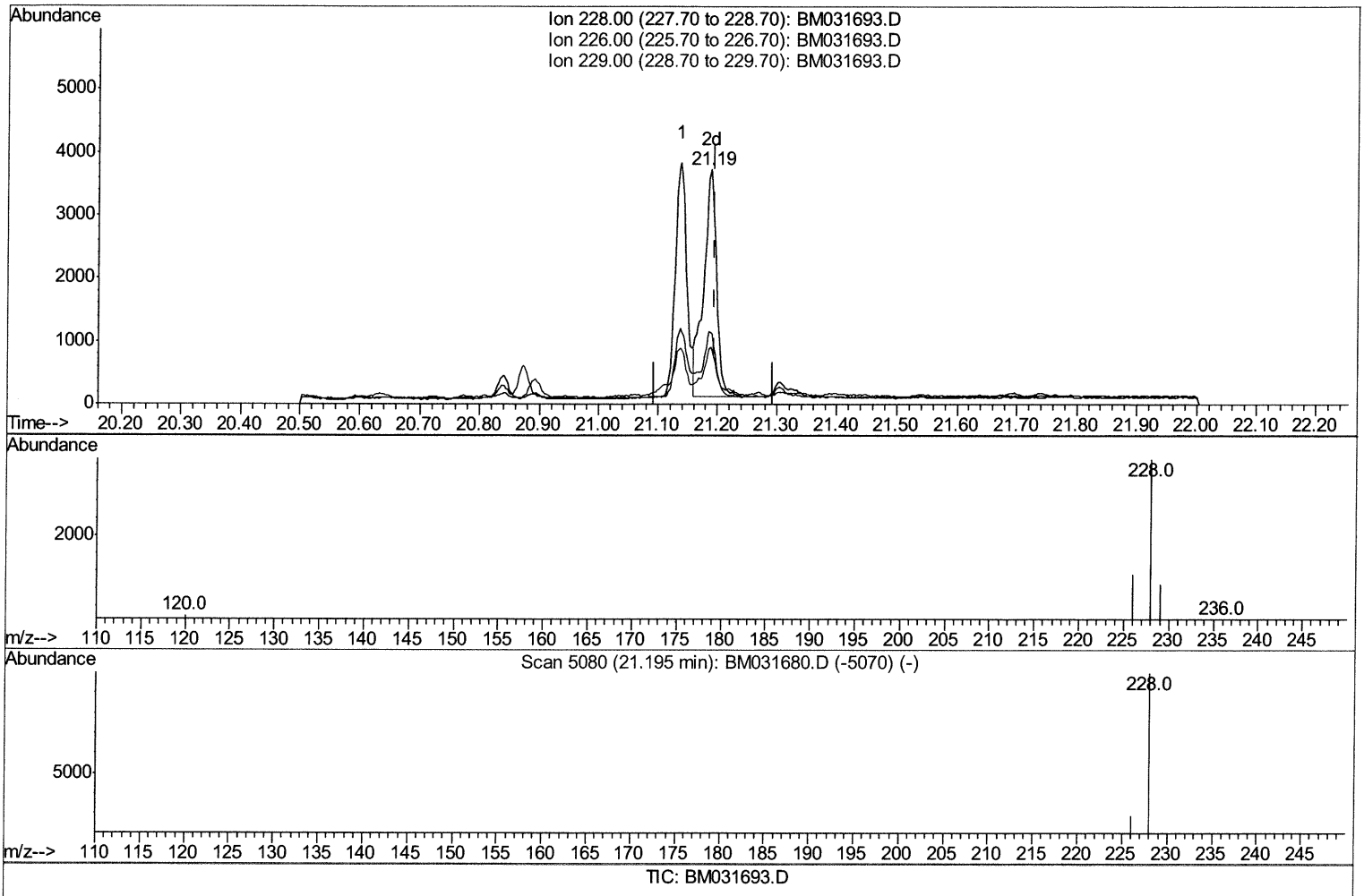
Manual Integrations APPROVED
mohammad
8/13/2021 5:14:53 PM



TIC: BM031693.D

(22) Chrysene

21.188min (-0.007) 0.35ng/ul m 08/16/21 JU

response 5555

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	30.53
229.00	20.20	24.44#
0.00	0.00	0.00

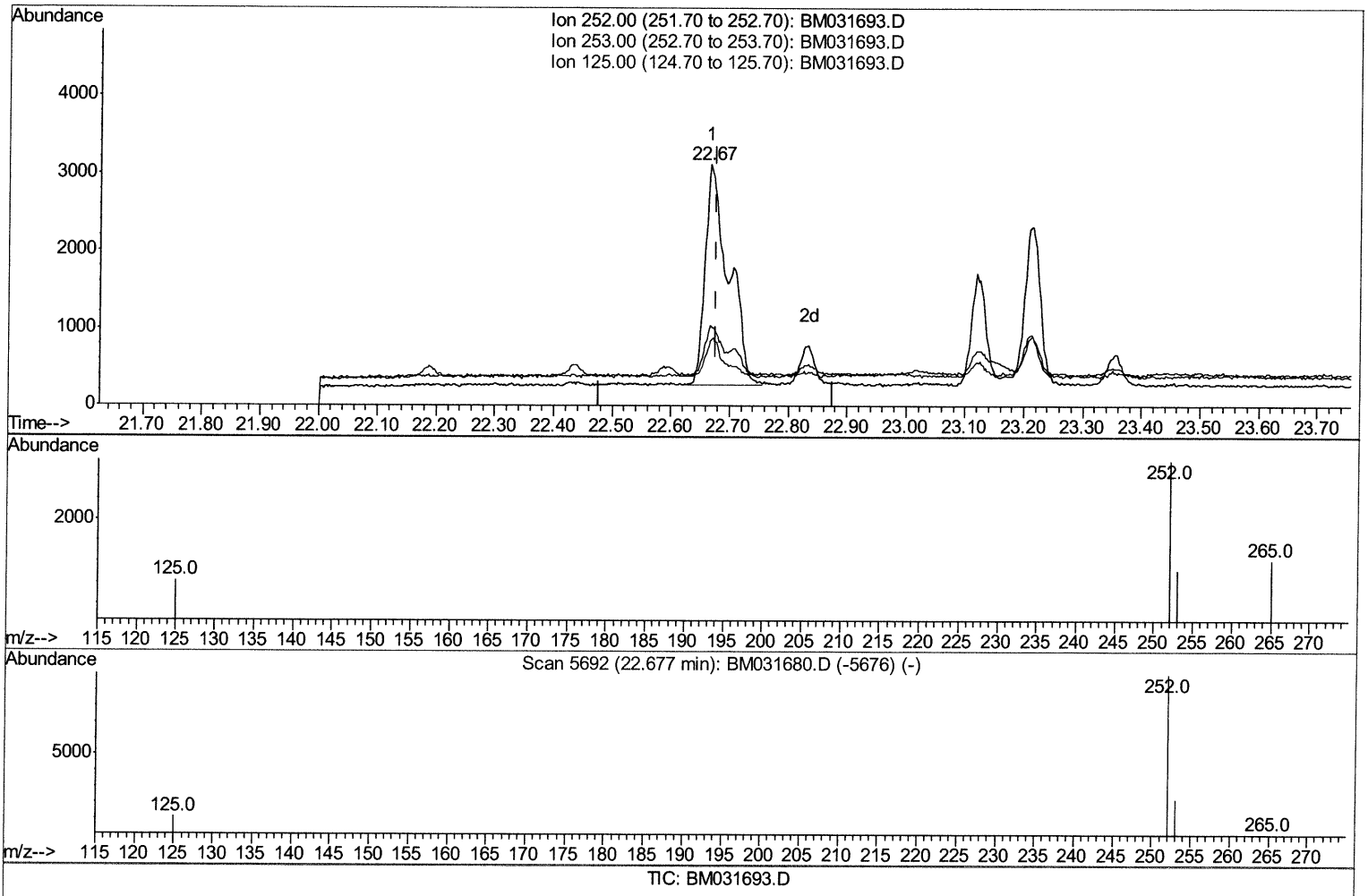
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031693.D
Acq On : 13 Aug 2021 00:59
Operator : CG/JU
Sample : M3182-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 13 01:58:06 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 Aug 13 01:03:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D0DL

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:53 PM



TIC: BM031693.D

(24) Benzo(b)fluoranthene

22.667min (-0.009) 0.46ng/ul

response 7918

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	33.29
125.00	11.40	26.98#
0.00	0.00	0.00

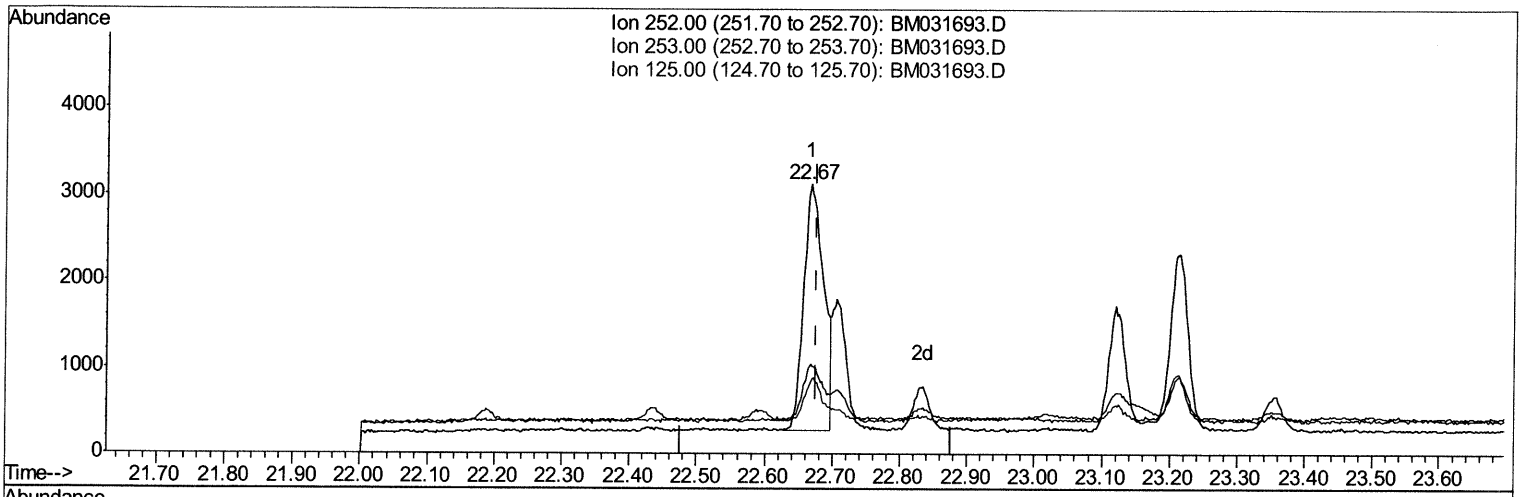
Quantitation Report (Qedit)

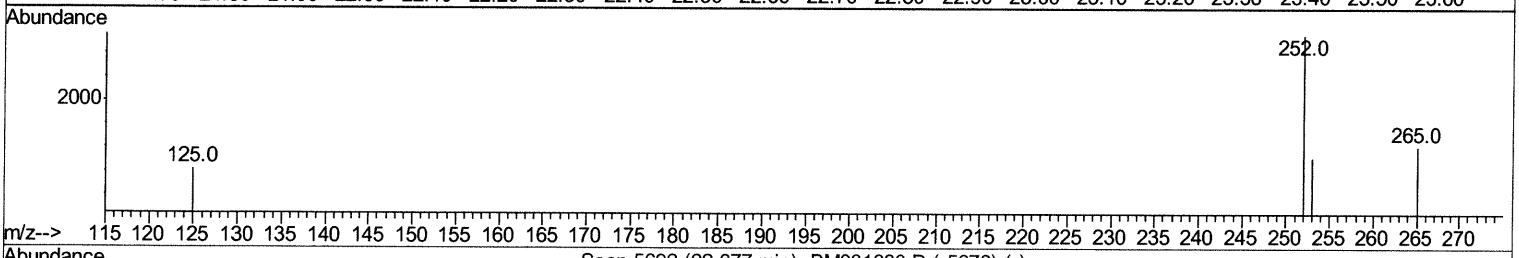
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031693.D
Acq On : 13 Aug 2021 00:59
Operator : CG/JU
Sample : M3182-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

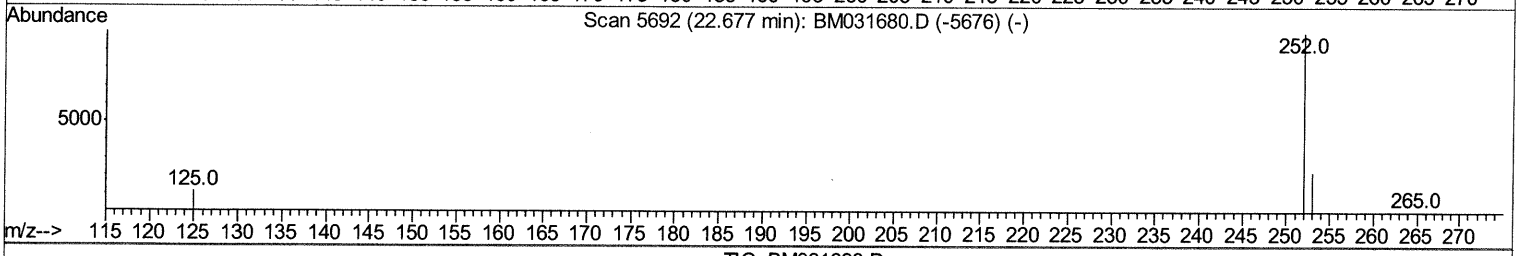
Quant Time: Aug 13 01:58:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 13 01:03:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D0DL

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:53 PM







TIC: BM031693.D

(24) Benzo(b)fluoranthene

22.667min (-0.009) 0.34ng/ul m 8/16/21 JU

response 5798

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	33.29
125.00	11.40	26.98#
0.00	0.00	0.00

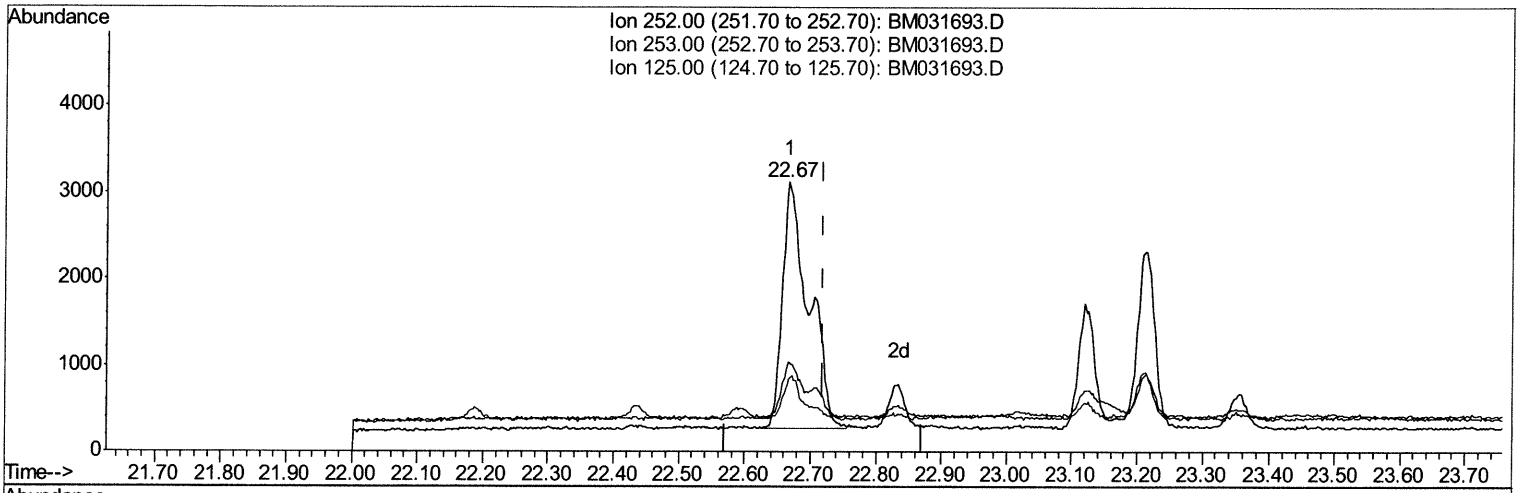
Quantitation Report (Qedit)

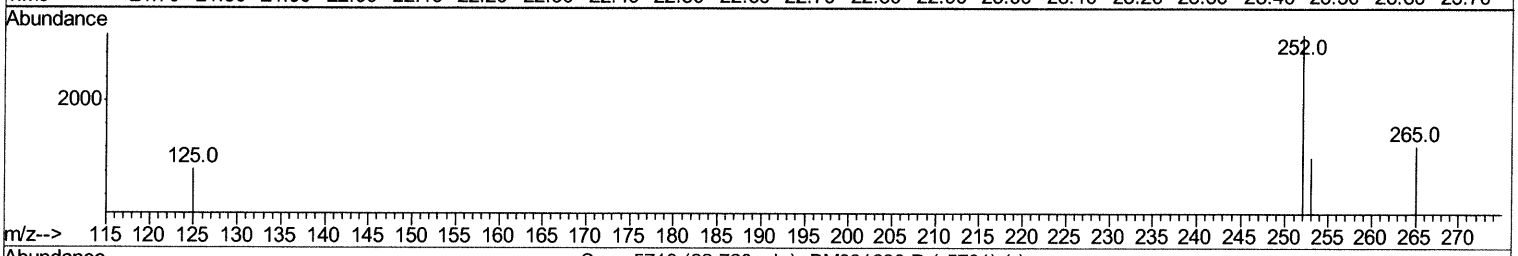
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031693.D
Acq On : 13 Aug 2021 00:59
Operator : CG/JU
Sample : M3182-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

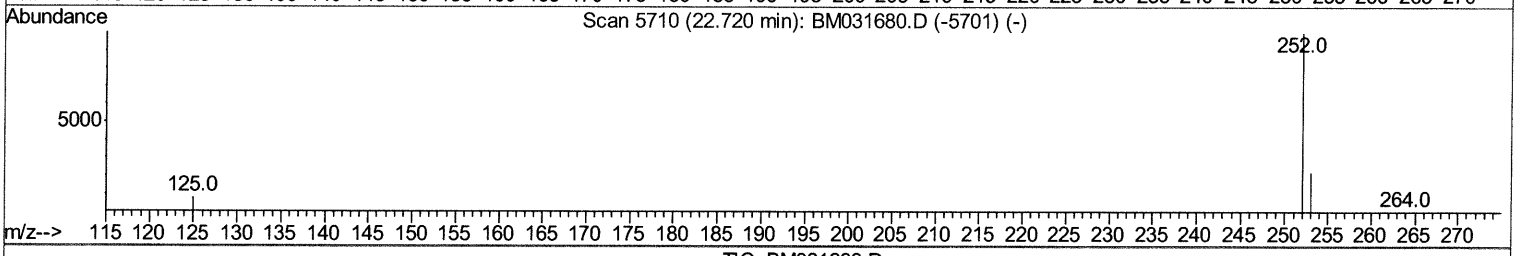
Quant Time: Aug 13 01:58:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 13 01:03:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D0DL

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:53 PM







TIC: BM031693.D

(25) Benzo(k)fluoranthene

22.667min (-0.053) 0.45ng/ul

response 7918

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	33.29#
125.00	11.00	26.98#
0.00	0.00	0.00

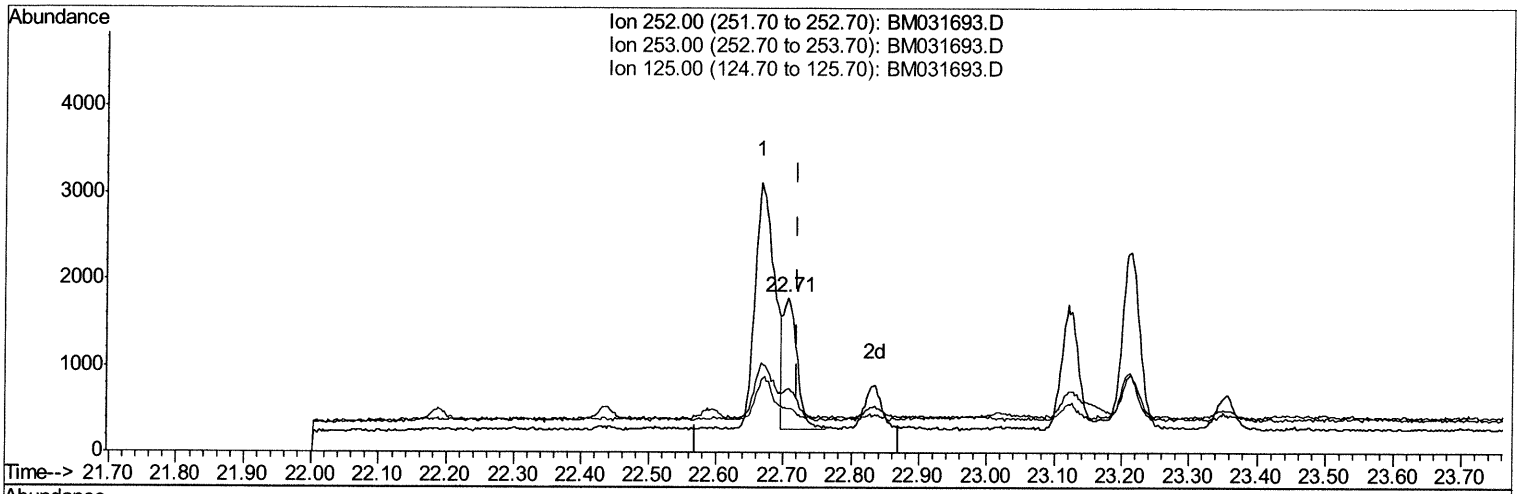
Quantitation Report (Qedit)

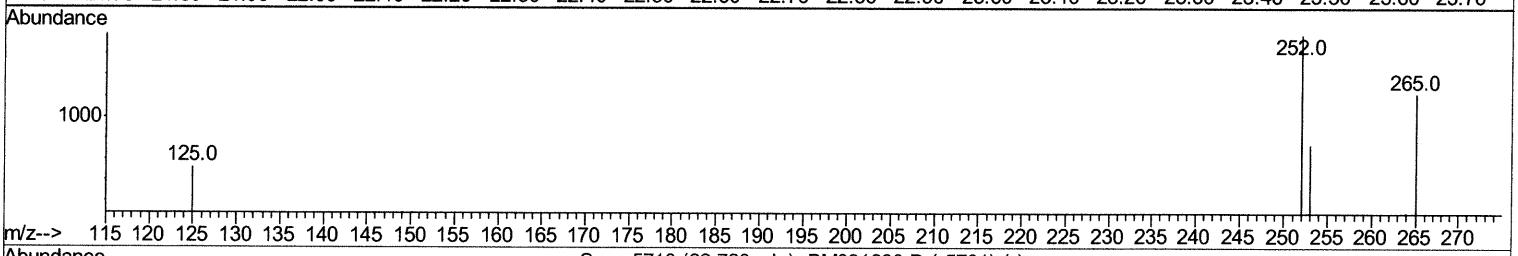
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031693.D
Acq On : 13 Aug 2021 00:59
Operator : CG/JU
Sample : M3182-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

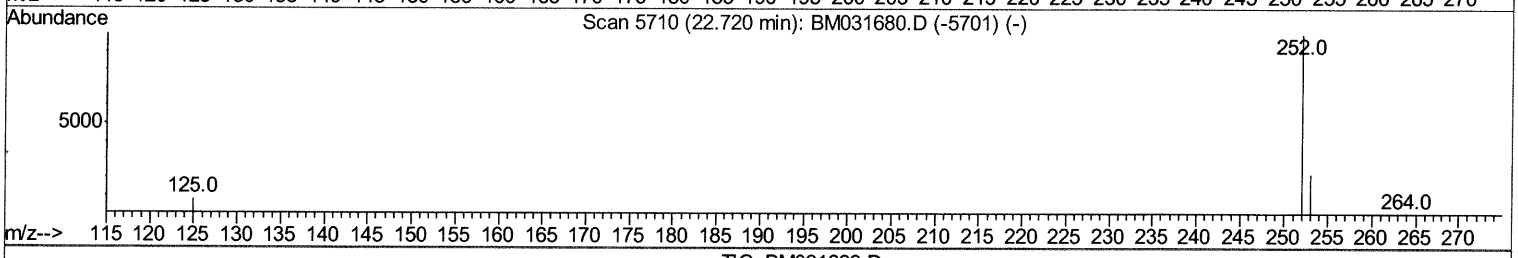
Quant Time: Aug 13 01:58:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 13 01:03:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D0DL

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:53 PM







TIC: BM031693.D

(25) Benzo(k)fluoranthene

22.706min (-0.014) 0.12ng/ul m 08/16/21 JU

response 2176

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	41.15#
125.00	11.00	28.81#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031693.D
Acq On : 13 Aug 2021 00:59
Operator : CG/JU
Sample : M3182-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00D0DL

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:53 PM

Quant Time: Aug 13 01:59:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	897	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	3142	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	1764	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	4124	0.40	ng/ul	0.00
17) Chrysene-d12	21.15	240	3763	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	3805	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	810	0.81	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	307	0.06	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	600	0.05	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.38	128	3632	0.388	ng/ul	98
7) 2-Methylnaphthalene	12.00	142	2292	0.358	ng/ul	98
8) 1-Methylnaphthalene	12.22	142	1058	0.167	ng/ul	97
10) Acenaphthylene	13.92	152	1013	0.135	ng/ul#	87
11) Acenaphthene	14.27	153	213	0.034	ng/ul#	89
12) Fluorene	15.26	166	430	0.059	ng/ul#	86
15) Phenanthrene	17.00	178	10700	0.817	ng/ul	98
16) Anthracene	17.09	178	1646	0.134	ng/ul#	91
19) Fluoranthene	19.02	202	12966	0.807	ng/ul	96
20) Pyrene	19.38	202	10273	0.630	ng/ul#	95
21) Benzo(a)anthracene	21.14	228	5014	0.330	ng/ul	92
22) Chrysene	21.19	228	5555m	0.353	ng/ul	
24) Benzo(b)fluoranthene	22.67	252	5798m	0.338	ng/ul	08/16/2021
25) Benzo(k)fluoranthene	22.71	252	2176m	0.123	ng/ul	
26) Benzo(a)pyrene	23.21	252	3706	0.247	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	25.44	276	2579	0.133	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.44	278	701	0.045	ng/ul#	1
29) Benzo(g,h,i)perylene	26.10	276	563	0.034	ng/ul#	37

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