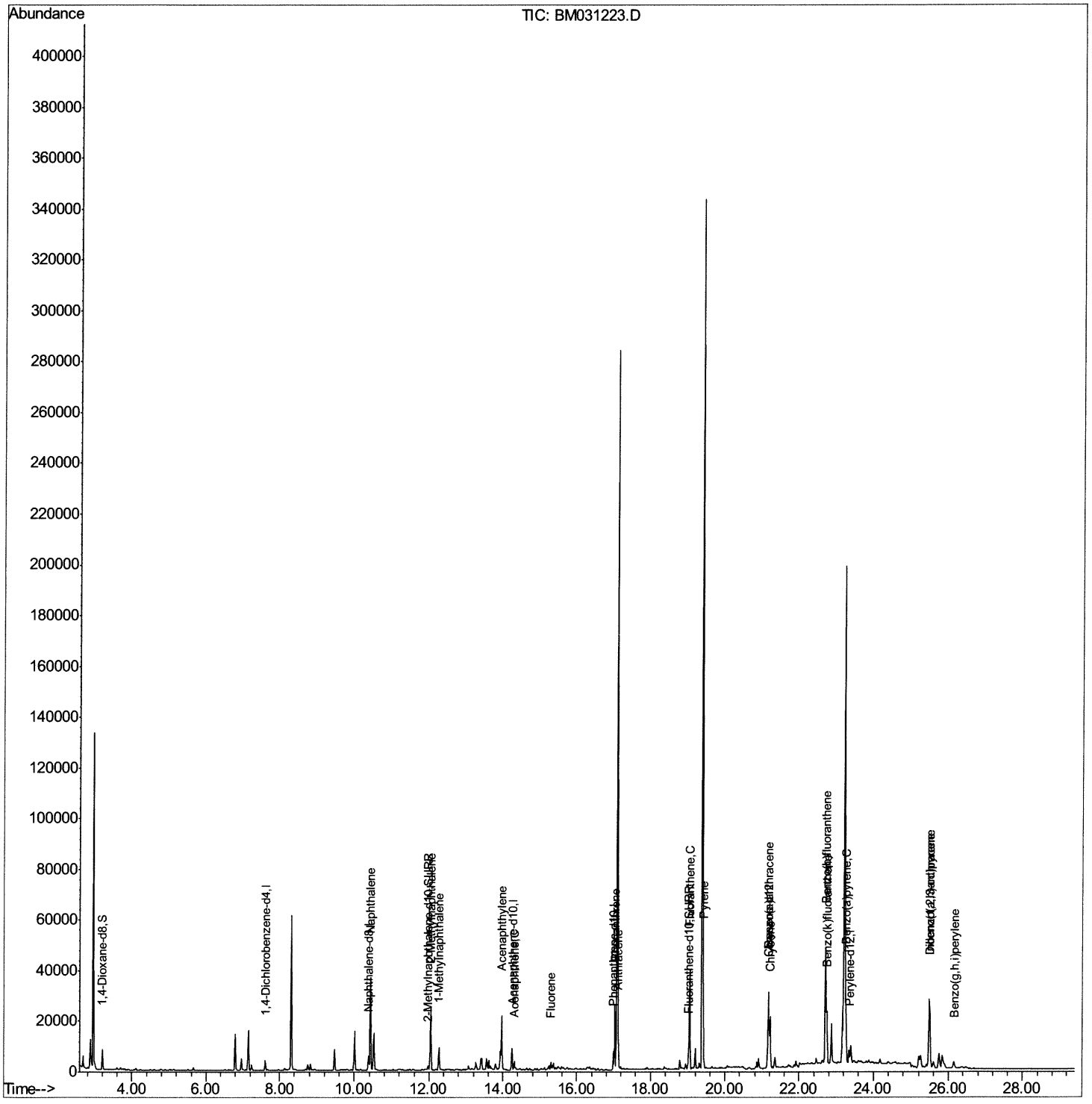
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031223.D
Acq On : 28 Jul 2021 22:14
Operator : CG/JU
Sample : M3082-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 29 04:12:35 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 : Wed Jul 28 15:20:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0002

Manual Integrations APPROVED
mohammad
7/29/2021 1:45:04 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031223.D
Acq On : 28 Jul 2021 22:14
Operator : CG/JU
Sample : M3082-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 29 03:21:59 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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Manual Integrations APPROVED
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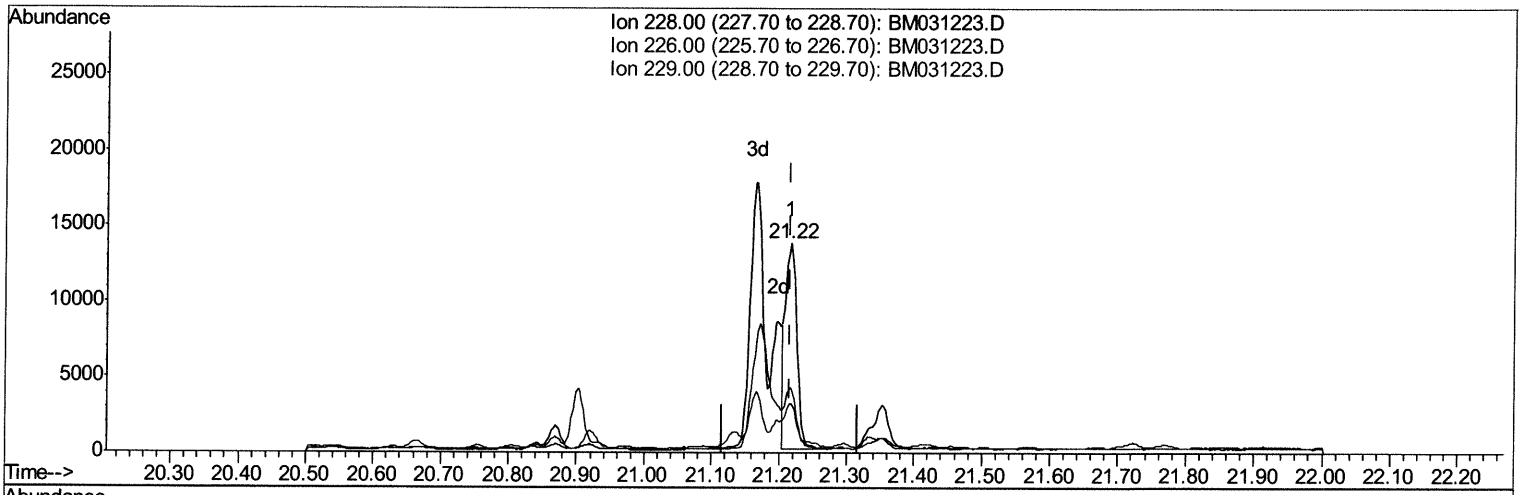

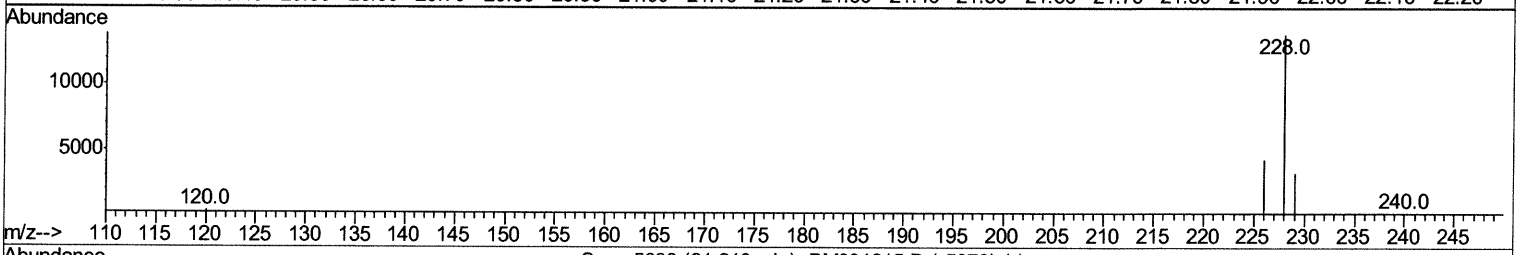

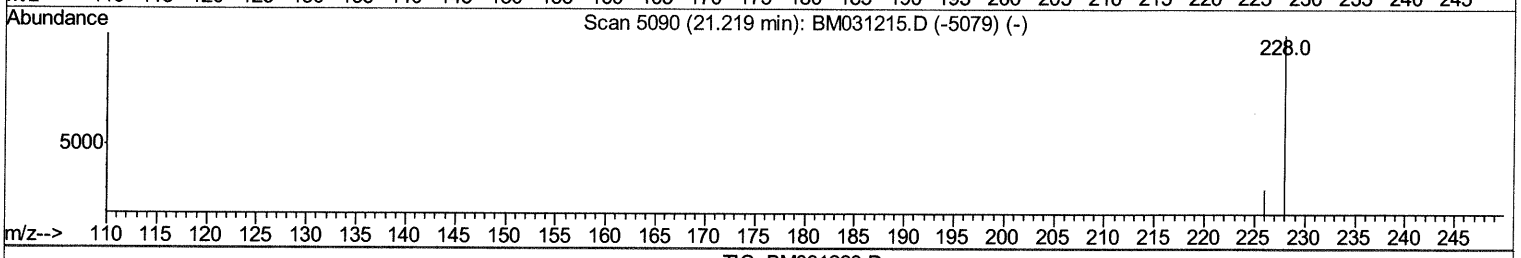

TIC: BM031223.D

(22) Chrysene

21.217min (+0.000) 0.57ng/ul

response 15868

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	30.99
229.00	20.20	23.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
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Manual Integrations APPROVED
mohammad
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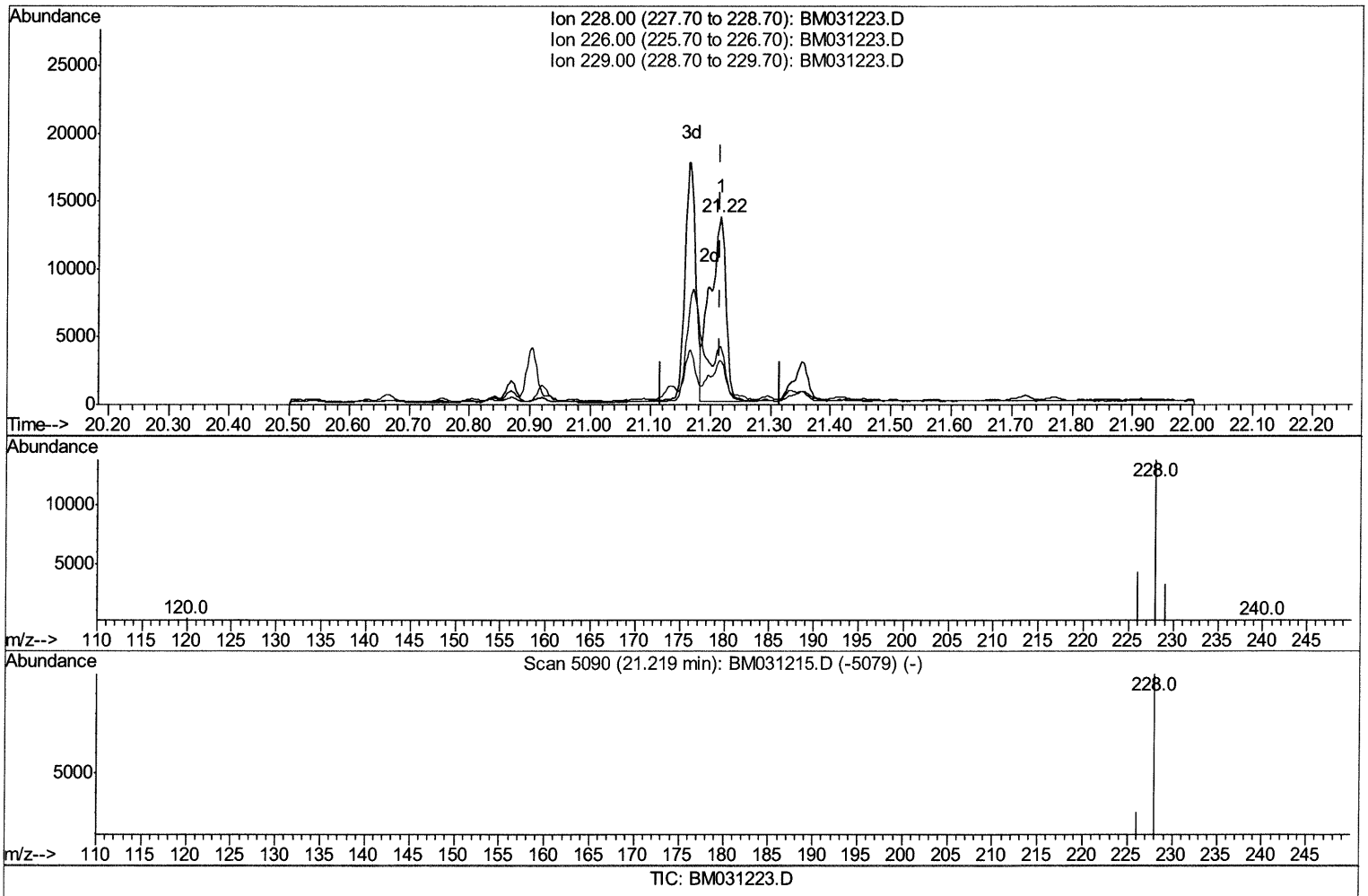

TIC: BM031223.D

(22) Chrysene

21.217min (+0.000) 0.91ng/ul m 07/30/21 JU

response 25300

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	30.99
229.00	20.20	23.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031223.D
Acq On : 28 Jul 2021 22:14
Operator : CG/JU
Sample : M3082-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 29 04:11:15 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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BNA_M
ClientSampleId :
C0002

Manual Integrations APPROVED
mohammad
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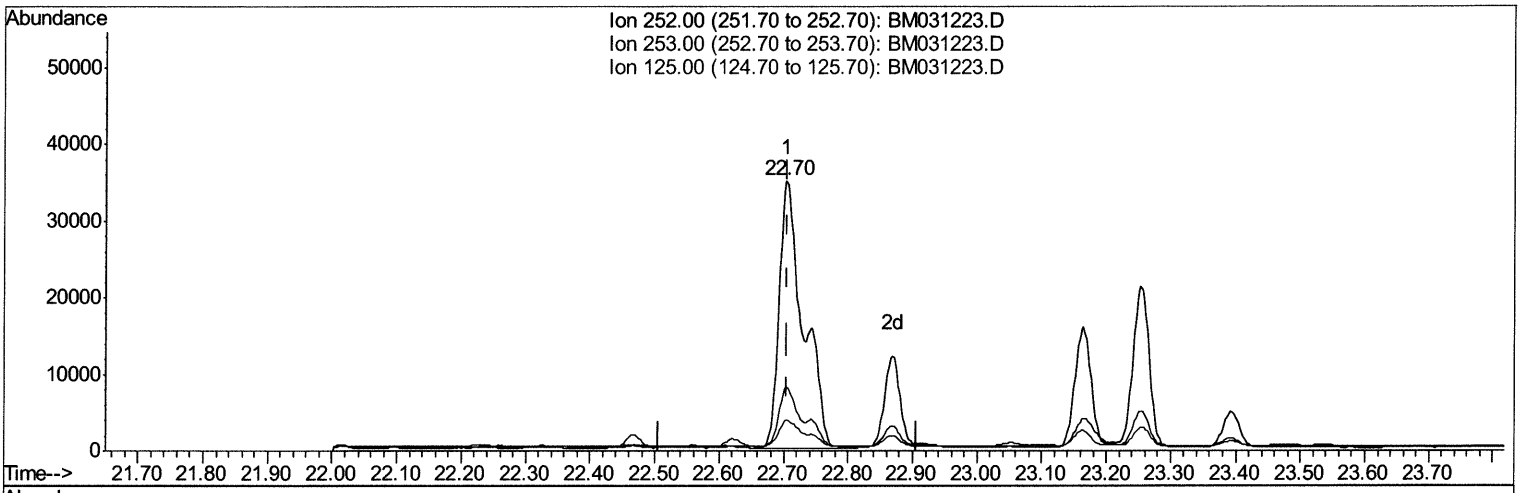

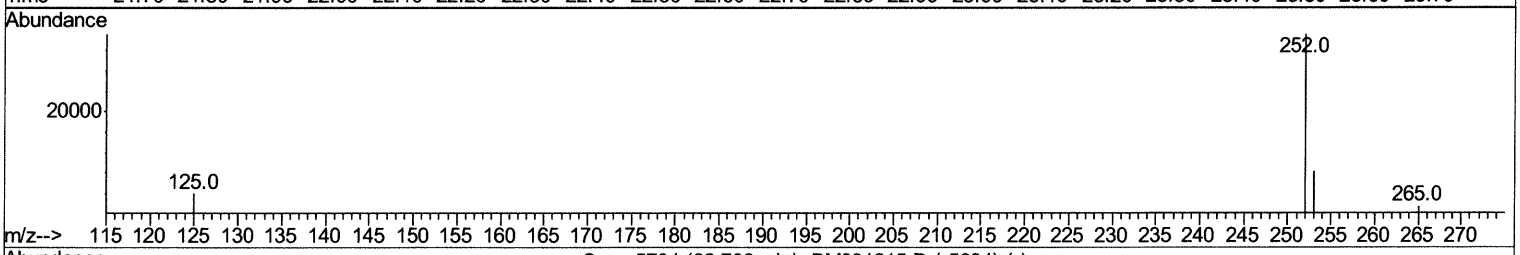

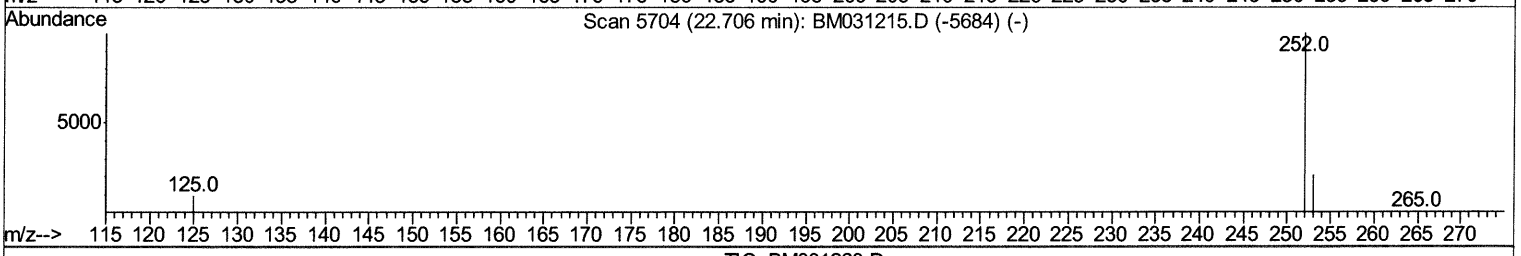

TIC: BM031223.D

(24) Benzo(b)fluoranthene

22.704min (-0.002) 3.34ng/ul

response 91025

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.62
125.00	11.40	11.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031223.D
Acq On : 28 Jul 2021 22:14
Operator : CG/JU
Sample : M3082-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 29 04:11:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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Instrument :
BNA_M
ClientSampleId :
C0002

Manual Integrations APPROVED
mohammad
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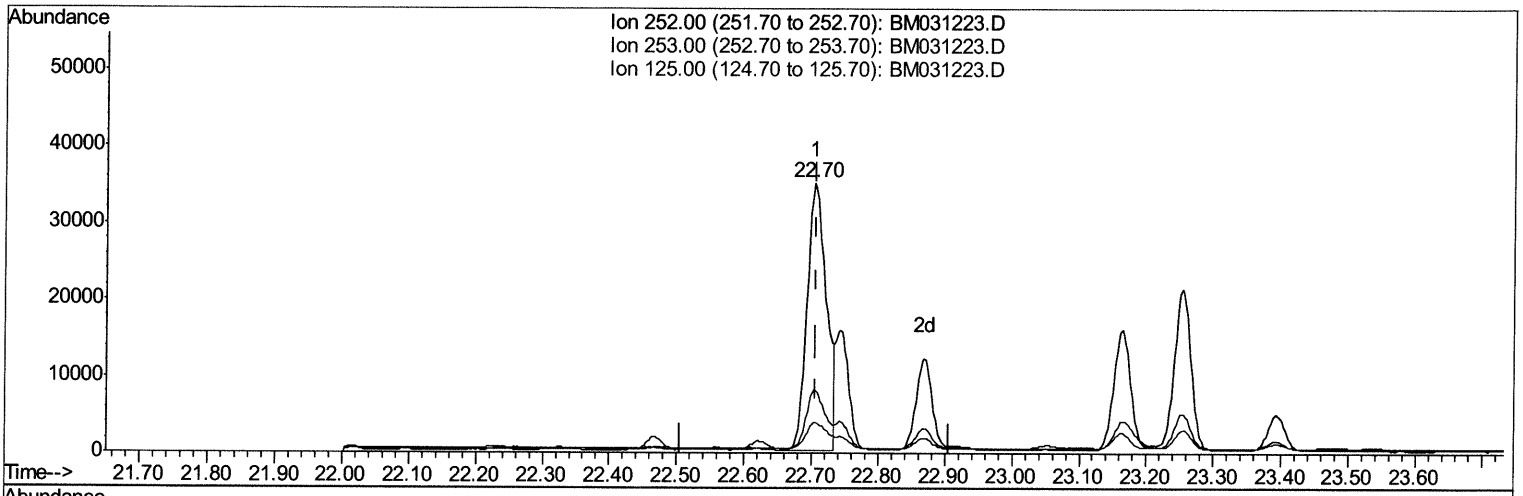
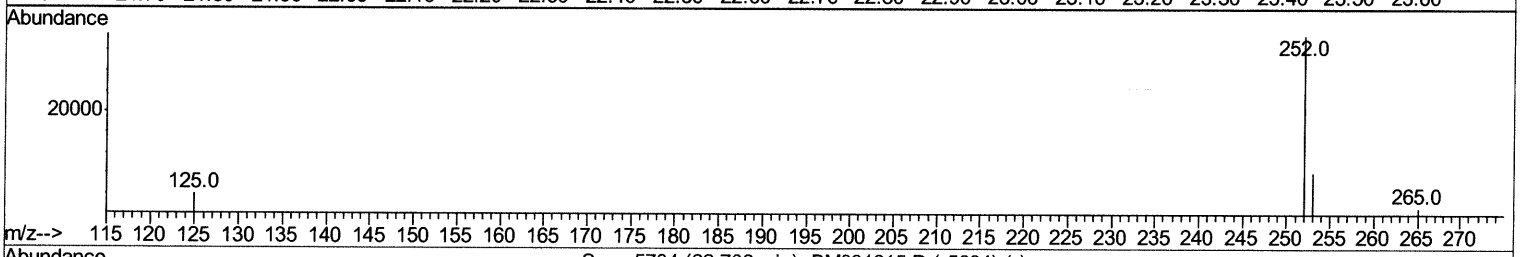
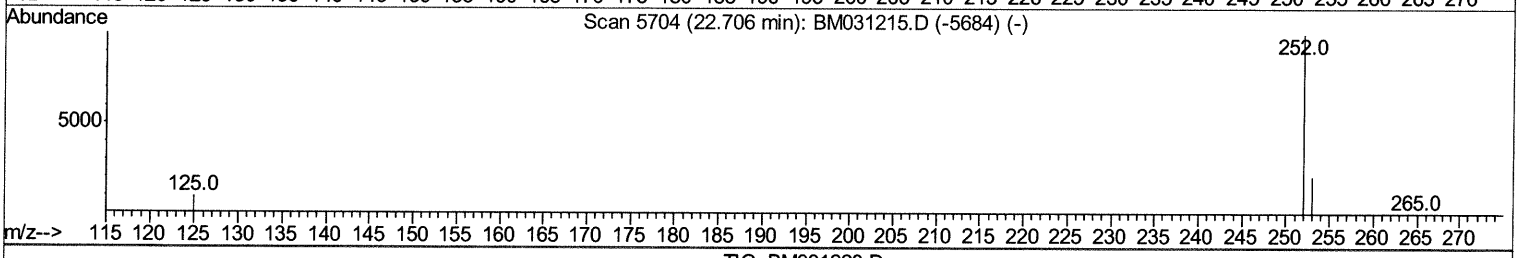






TIC: BM031223.D

(24) Benzo(b)fluoranthene

22.704min (-0.002) 2.55ng/ul m 07/30/21 JU

response 69380

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.62
125.00	11.40	11.32
0.00	0.00	0.00

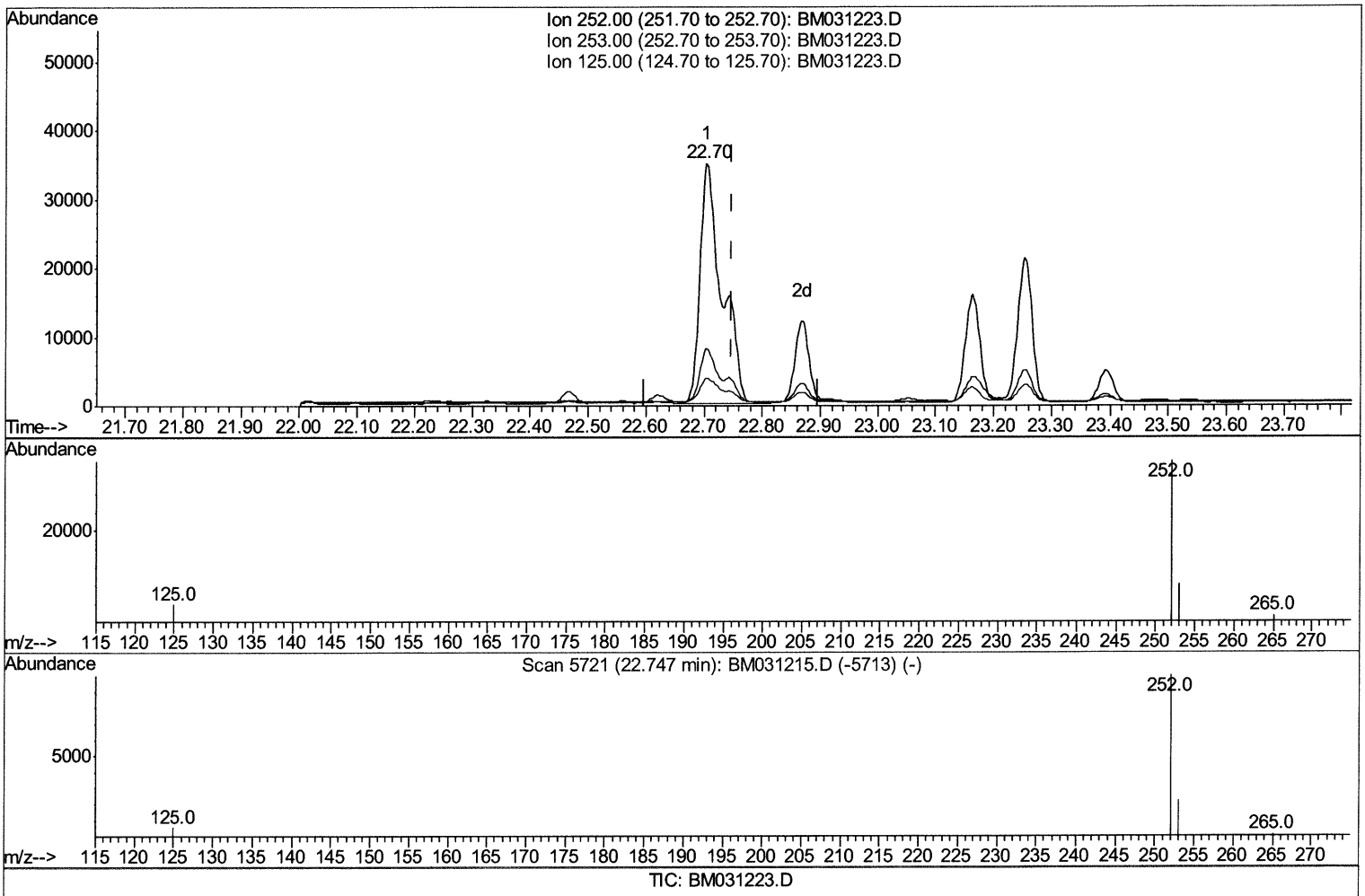
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031223.D
Acq On : 28 Jul 2021 22:14
Operator : CG/JU
Sample : M3082-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 29 04:11:54 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 : Wed Jul 28 15:20:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0002

Manual Integrations APPROVED
mohammad
7/29/2021 1:45:04 PM



TIC: BM031223.D

(25) Benzo(k)fluoranthene

22.704min (-0.044) 3.23ng/ul

response 91025

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.62
125.00	11.00	11.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031223.D
Acq On : 28 Jul 2021 22:14
Operator : CG/JU
Sample : M3082-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 29 04:11:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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Instrument :
BNA_M
ClientSampleId :
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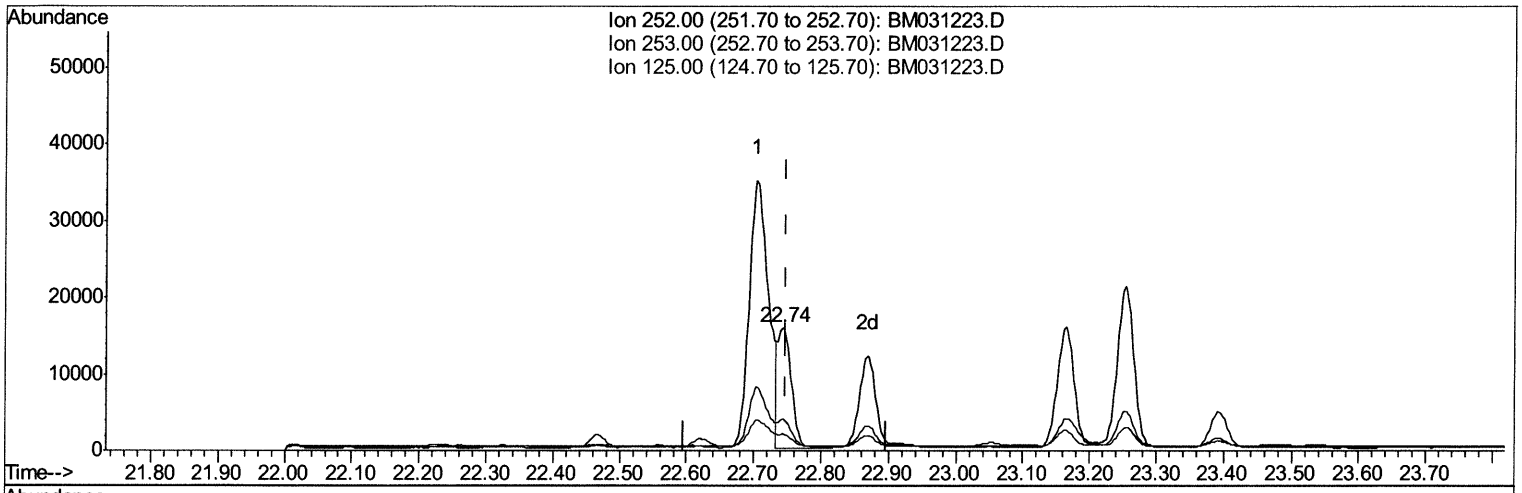
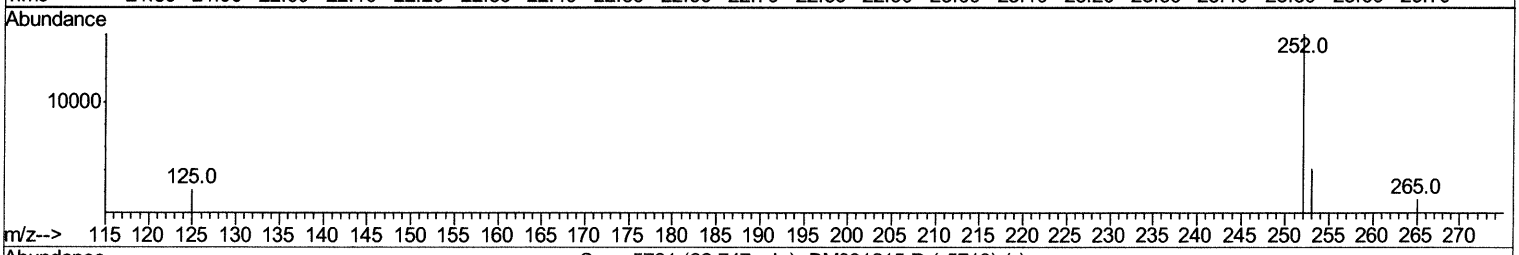
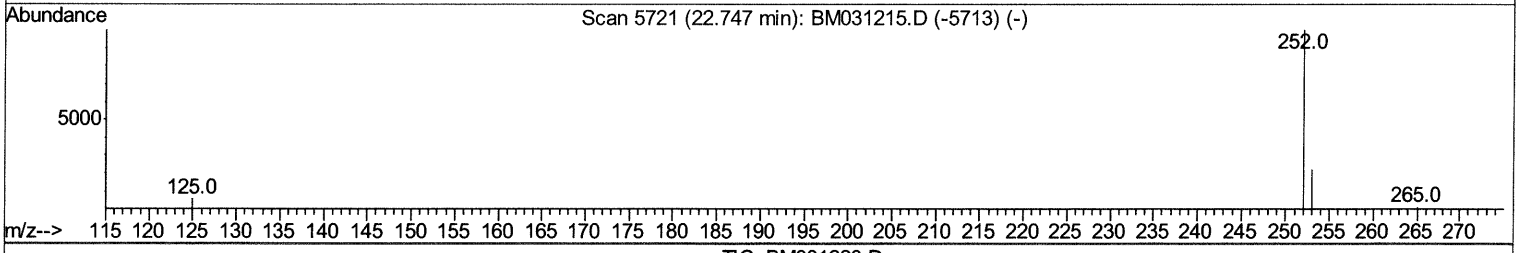
Manual Integrations APPROVED
mohammad
7/29/2021 1:45:04 PM







TIC: BM031223.D

(25) Benzo(k)fluoranthene

22.742min (-0.005) 0.78ng/ul m 07/30/21 JJ

response 21876

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.66
125.00	11.00	13.82#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031223.D
Acq On : 28 Jul 2021 22:14
Operator : CG/JU
Sample : M3082-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0002

Manual Integrations APPROVED
mohammad
7/29/2021 1:45:04 PM

Quant Time: Jul 29 04:12:35 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	7.61	152	1917	0.40	ng/ul	0.00
4) Naphthalene-d8	10.38	136	7375	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.25	164	4589	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	8838	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	6676	0.40	ng/ul	0.00
23) Perylene-d12	23.35	264	6046	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	4879	2.29	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	2122	0.17	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	4475	0.20	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.43	128	49566	2.256	ng/ul	97
7) 2-Methylnaphthalene	12.05	142	16632	1.108	ng/ul	99
8) 1-Methylnaphthalene	12.27	142	5958	0.402	ng/ul	99
10) Acenaphthylene	13.96	152	25017	1.280	ng/ul	99
11) Acenaphthene	14.31	153	2183	0.133	ng/ul	98
12) Fluorene	15.30	166	2104	0.111	ng/ul#	90
15) Phenanthrene	17.03	178	26683	0.951	ng/ul	98
16) Anthracene	17.12	178	13558	0.516	ng/ul	99
19) Fluoranthene	19.05	202	32979	1.157	ng/ul	97
20) Pyrene	19.42	202	29924	1.035	ng/ul#	95
21) Benzo(a)anthracene	21.17	228	22453	0.833	ng/ul#	81
22) Chrysene	21.22	228	25300m	0.907	ng/ul	
24) Benzo(b)fluoranthene	22.70	252	69380m	2.547	ng/ul	07/30/21 JU
25) Benzo(k)fluoranthene	22.74	252	21876m	0.777	ng/ul	
26) Benzo(a)pyrene	23.25	252	36920	1.548	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.49	276	41610	1.349	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.50	278	11582	0.466	ng/ul#	93
29) Benzo(g,h,i)perylene	26.15	276	6018	0.229	ng/ul#	85

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