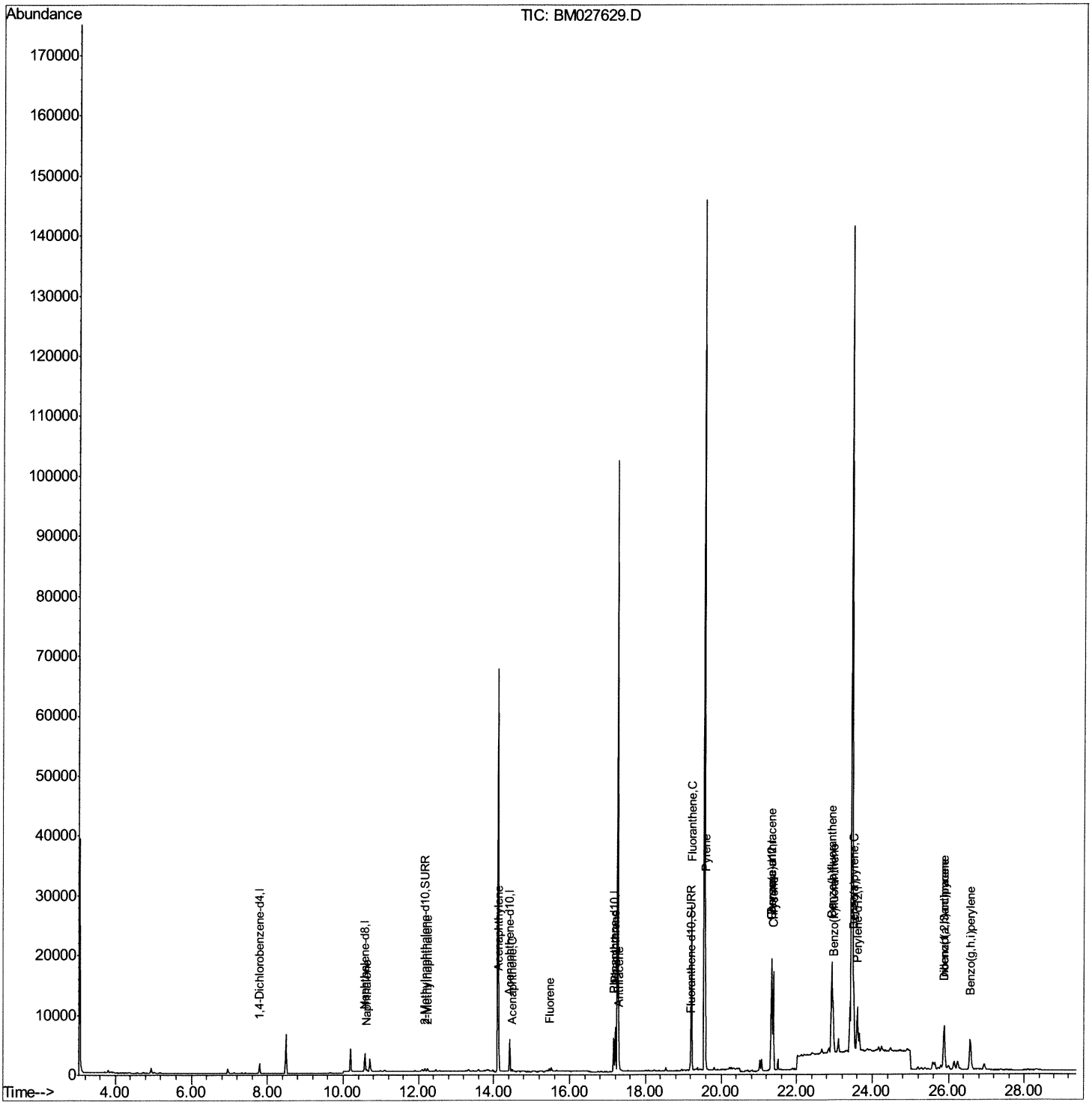
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\
Data File : BM027629.D
Acq On : 06 Oct 2020 09:39
Operator : JU/CG
Sample : L4184-11DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 06 10:19:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 10:43:07 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AL5DL

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:35 PM



Quantitation Report (Qedit)

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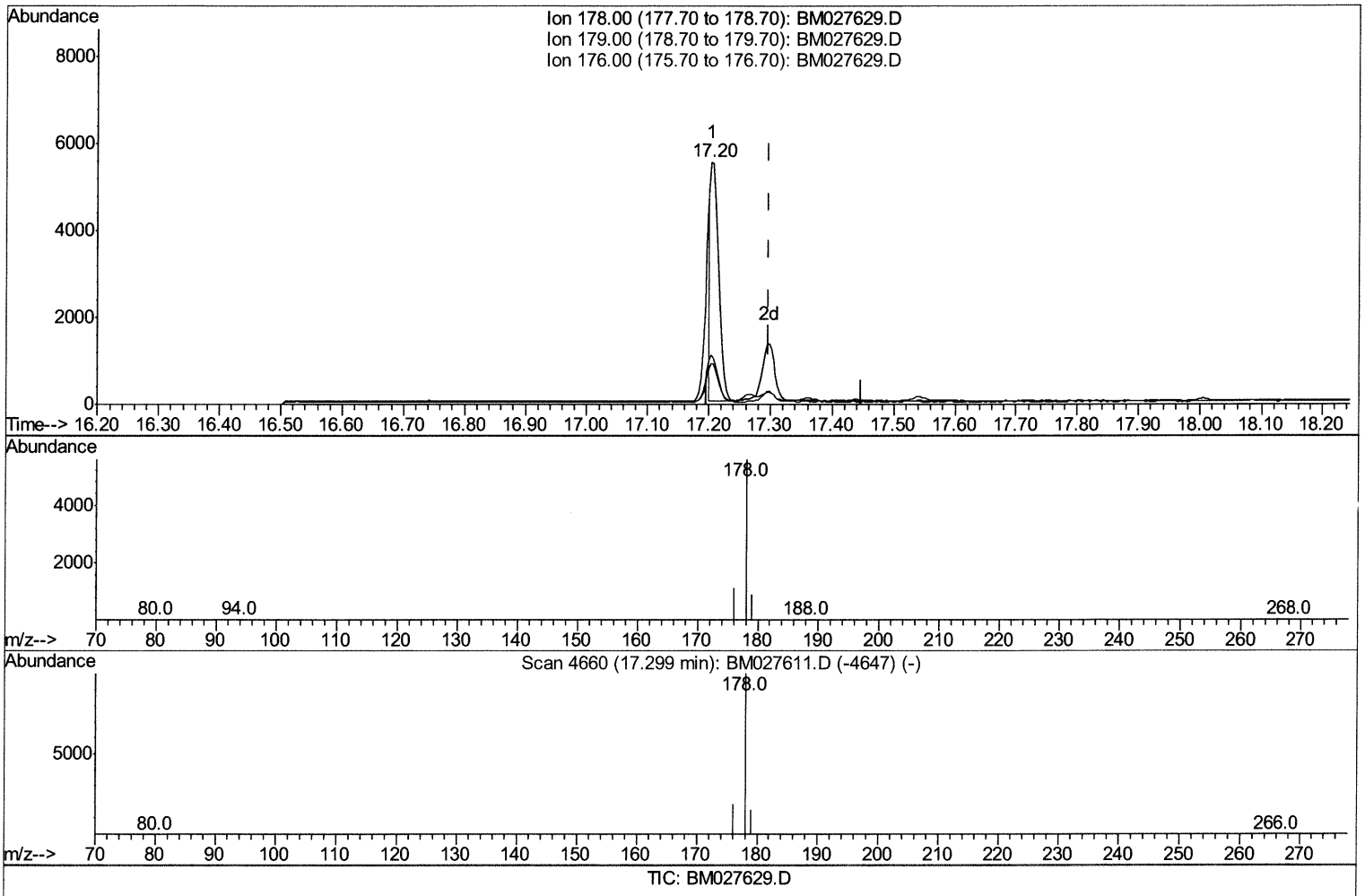

TIC: BM027629.D

(13) Anthracene

17.204min (-0.094) 0.22ng/ul

response 4849

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	16.71
176.00	19.00	20.29
0.00	0.00	0.00

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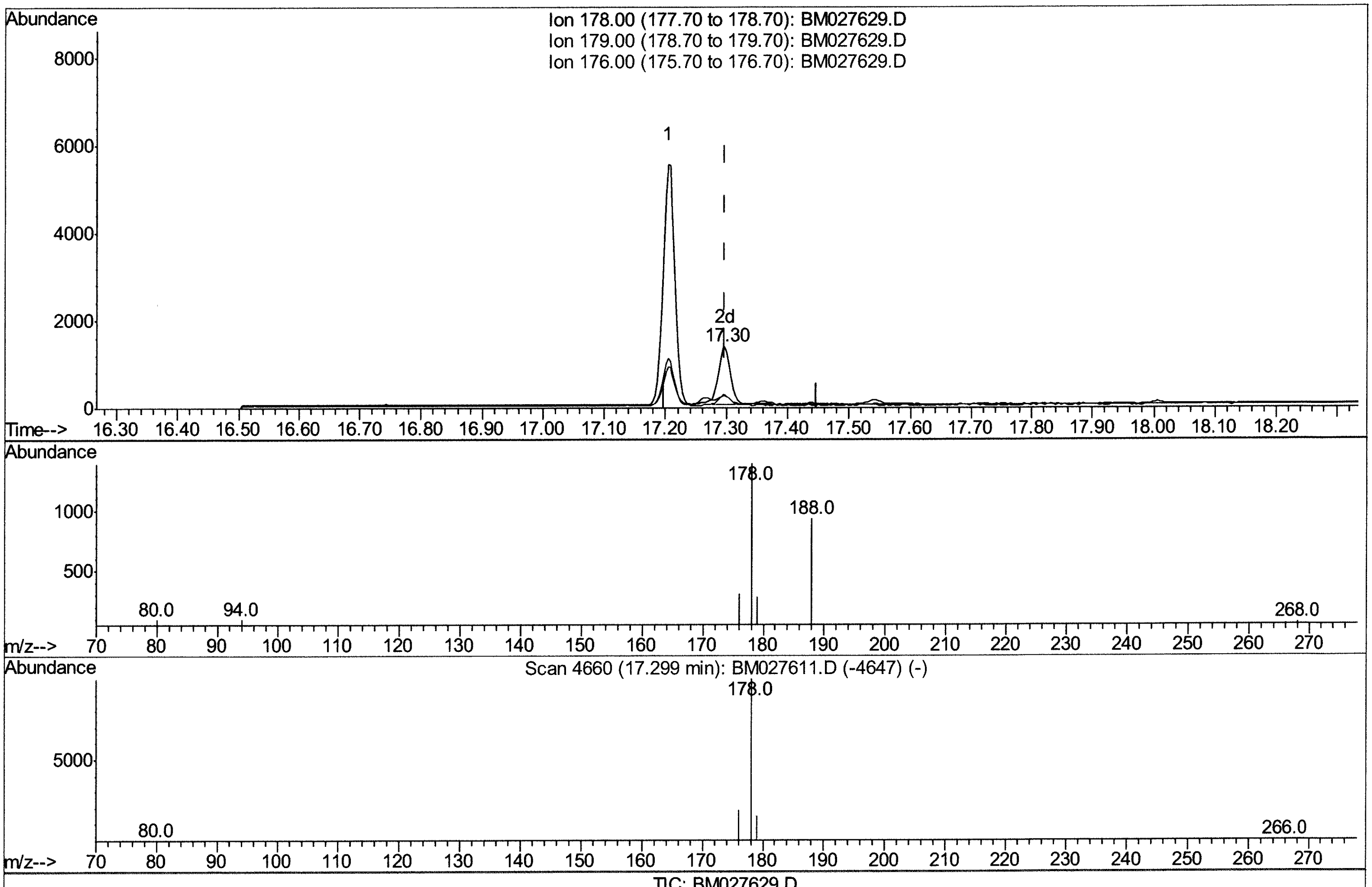
Manual Integrations APPROVED
mohammad
10/6/2020 3:24:35 PM



(13) Anthracene

17.298min (+0.000) 0.09ng/ul m 10/07/2020

response 1950

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	19.73#
176.00	19.00	21.73
0.00	0.00	0.00

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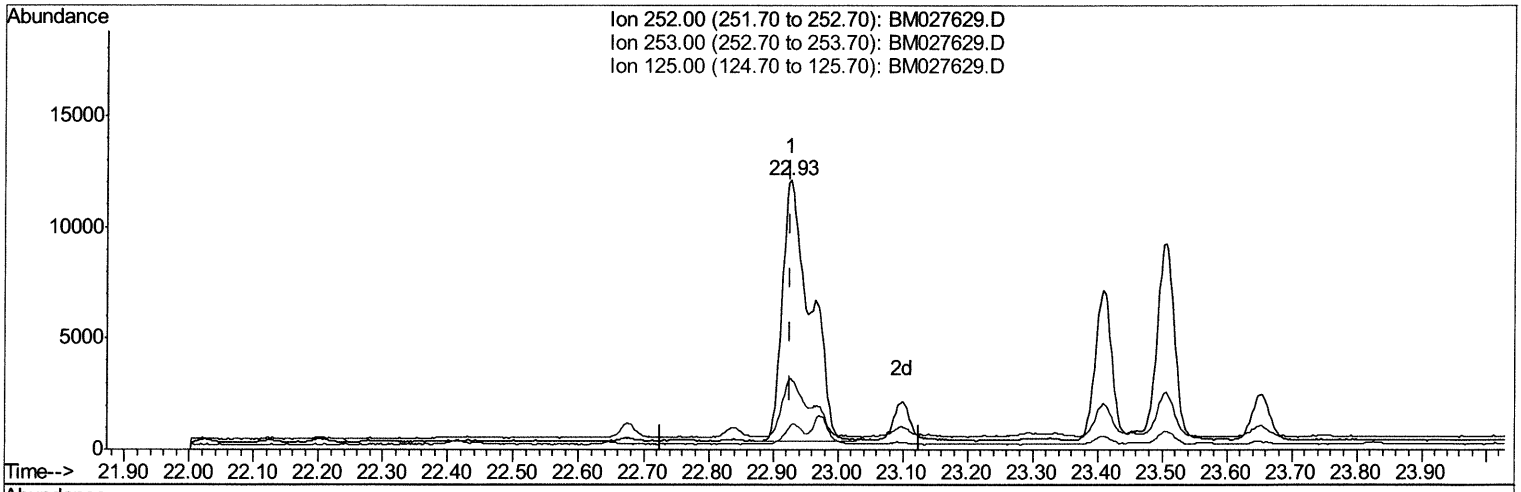
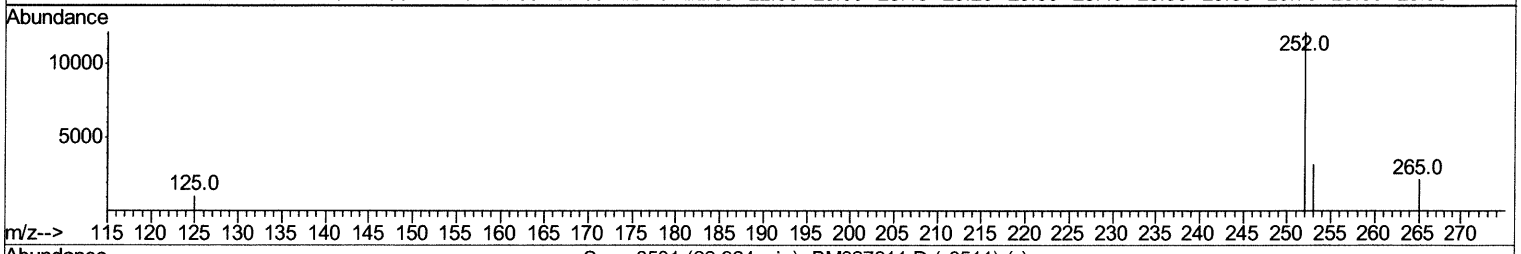
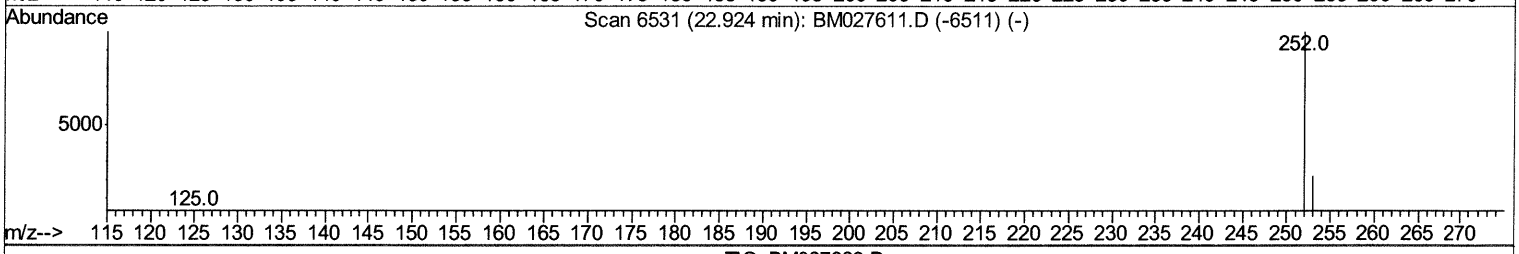
BNA_M
ClientSampleId :
C0AL5DL

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:35 PM







TIC: BM027629.D

(21) Benzo(b)fluoranthene

22.927min (+0.000) 0.94ng/ul

response 35422

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	26.26
125.00	5.30	9.13
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 33 Sample Multiplier: 1

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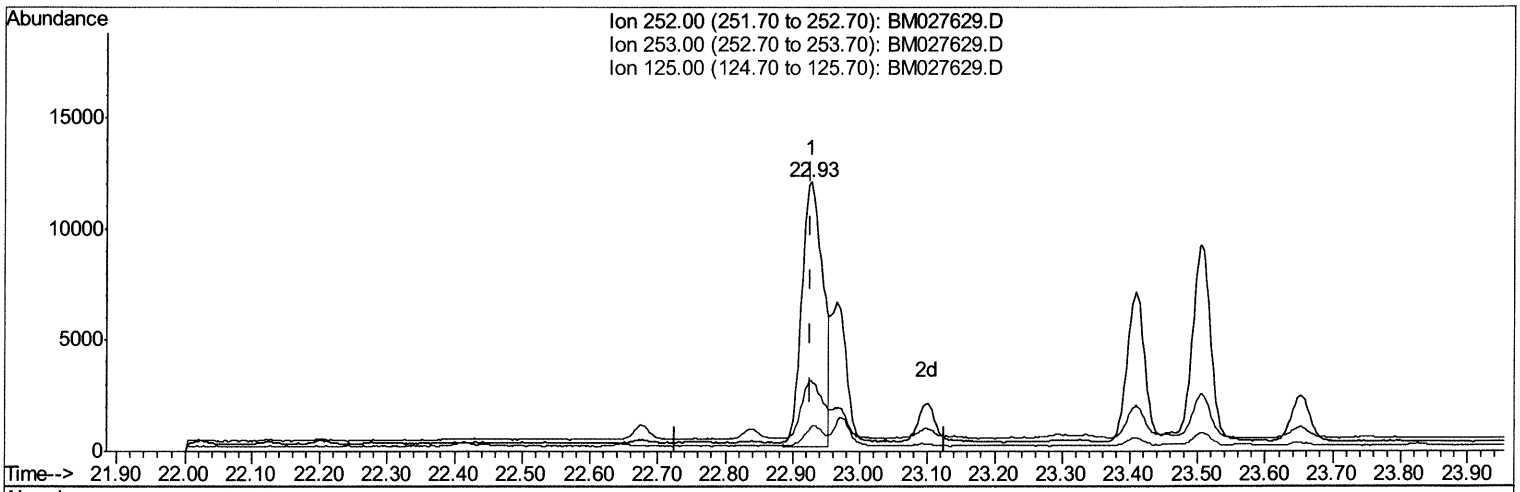
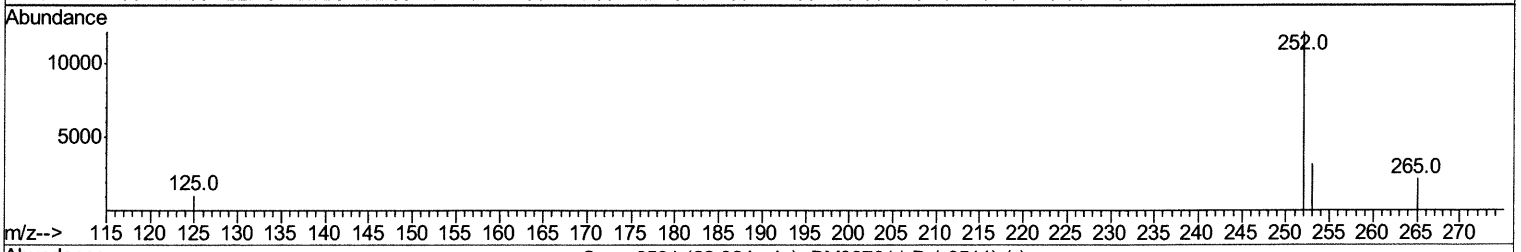
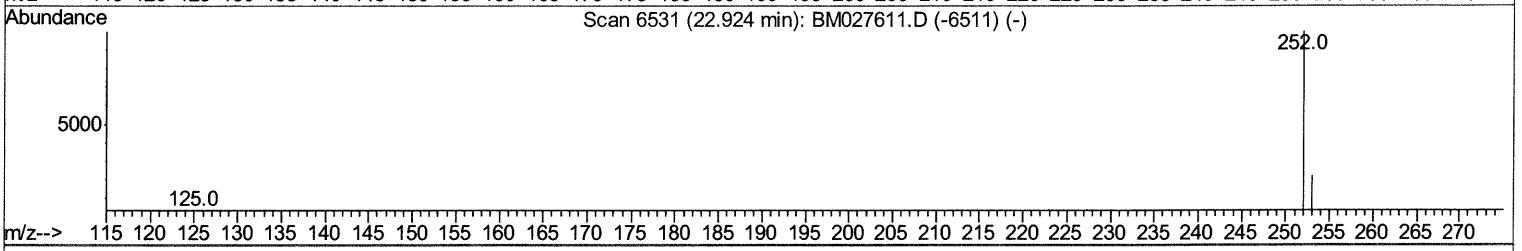
BNA_M
ClientSampleId :
C0AL5DL

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:35 PM







TIC: BM027629.D

(21) Benzo(b)fluoranthene

22.927min (+0.000) 0.69ng/ul m 10/07/20 JU

response 25860

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	26.26
125.00	5.30	9.13
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 06 10:17:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM092320.M
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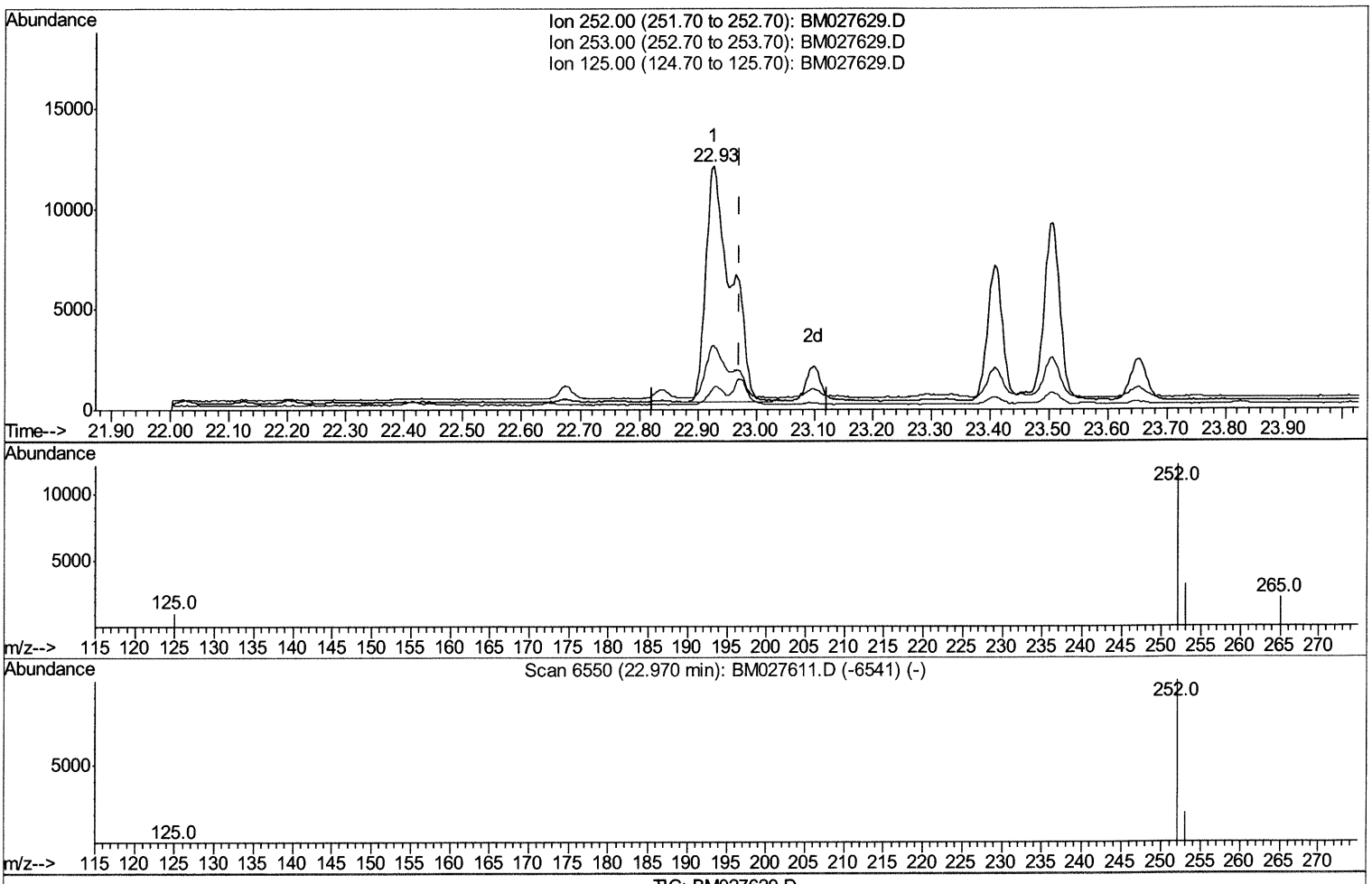
Instrument :
BNA_M
ClientSampleId :
C0AL5DL

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:35 PM



TIC: BM027629.D

(22) Benzo(k)fluoranthene

22.927min (-0.046) 0.91ng/ul

response 35422

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	26.26
125.00	6.20	9.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM027629.D
Acq On : 06 Oct 2020 09:39
Operator : JU/CG
Sample : L4184-11DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 06 10:17:57 2020
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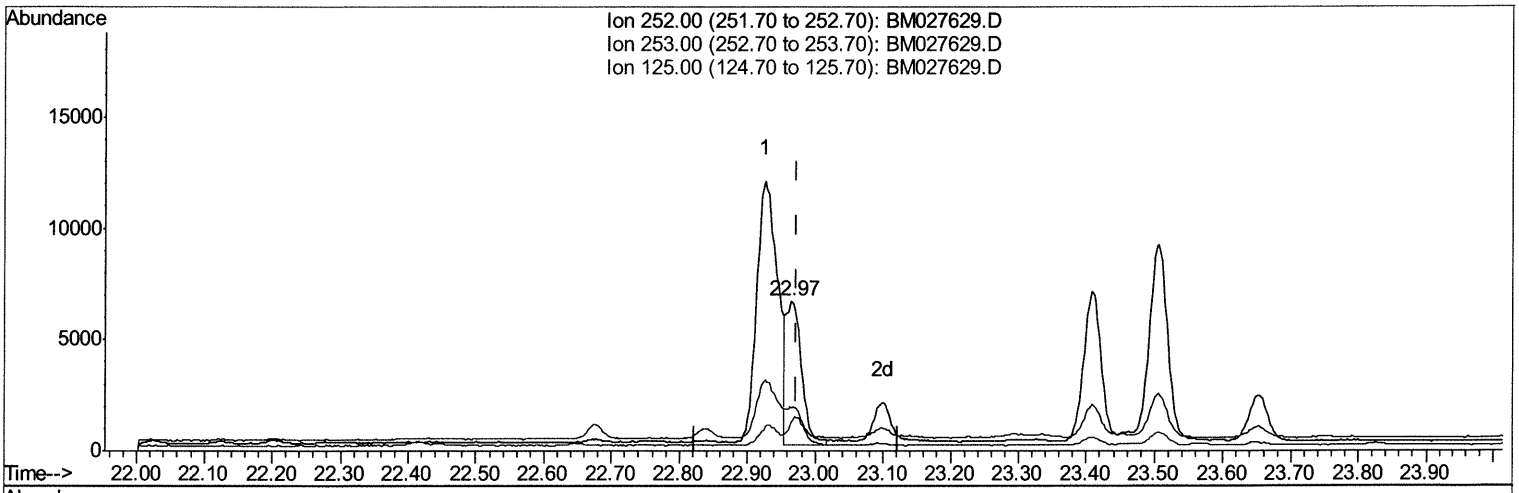
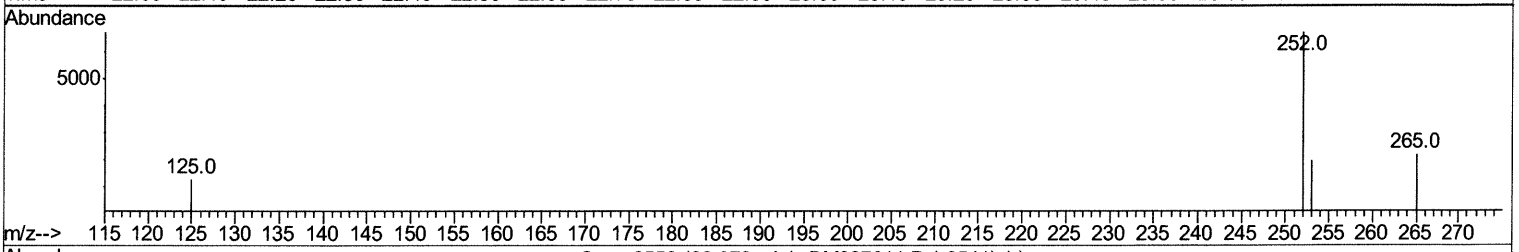
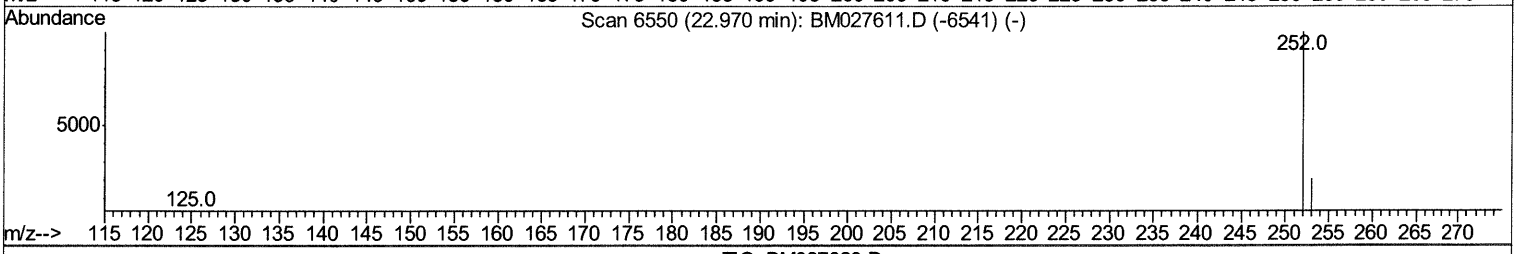
Instrument :
BNA_M
ClientSampleId :
C0AL5DL

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:35 PM







TIC: BM027629.D

(22) Benzo(k)fluoranthene

22.965min (-0.007) 0.27ng/ul m 10/07/2020

response 10666

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	28.92#
125.00	6.20	18.92#
0.00	0.00	0.00

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Data File : BM027629.D
Acq On : 06 Oct 2020 09:39
Operator : JU/CG
Sample : L4184-11DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL5DL

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:35 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	806	0.40	ng/ul	0.00
2) Naphthalene-d8	10.58	136	4253	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	3003	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.17	188	7380	0.40	ng/ul	0.00
16) Chrysene-d12	21.34	240	8291	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	9330	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.16	152	532	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	1741	0.09	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.63	128	331	0.027	ng/ul#	57
5) 2-Methylnaphthalene	12.24	142	270	0.030	ng/ul	95
7) Acenaphthylene	14.14	152	720	0.047	ng/ul#	83
8) Acenaphthene	14.48	153	275	0.025	ng/ul	96
9) Fluorene	15.47	166	347	0.026	ng/ul#	91
12) Phenanthrene	17.20	178	7527	0.331	ng/ul	98
13) Anthracene	17.30	178	1950m>	0.088	ng/ul>	10/07/20 JU
15) Fluoranthene	19.22	202	24552	0.896	ng/ul	98
17) Pyrene	19.58	202	22975	0.607	ng/ul#	96
18) Benzo(a)anthracene	21.33	228	14263	0.439	ng/ul	97
19) Chrysene	21.38	228	16143	0.479	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	25860m	0.688	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	10666m	0.273	ng/ul	10/07/20 JU
23) Benzo(a)pyrene	23.51	252	16522	0.491	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.88	276	12985	0.300	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.88	278	3552	0.099	ng/ul#	76
26) Benzo(g,h,i)perylene	26.57	276	11938	0.326	ng/ul	97

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