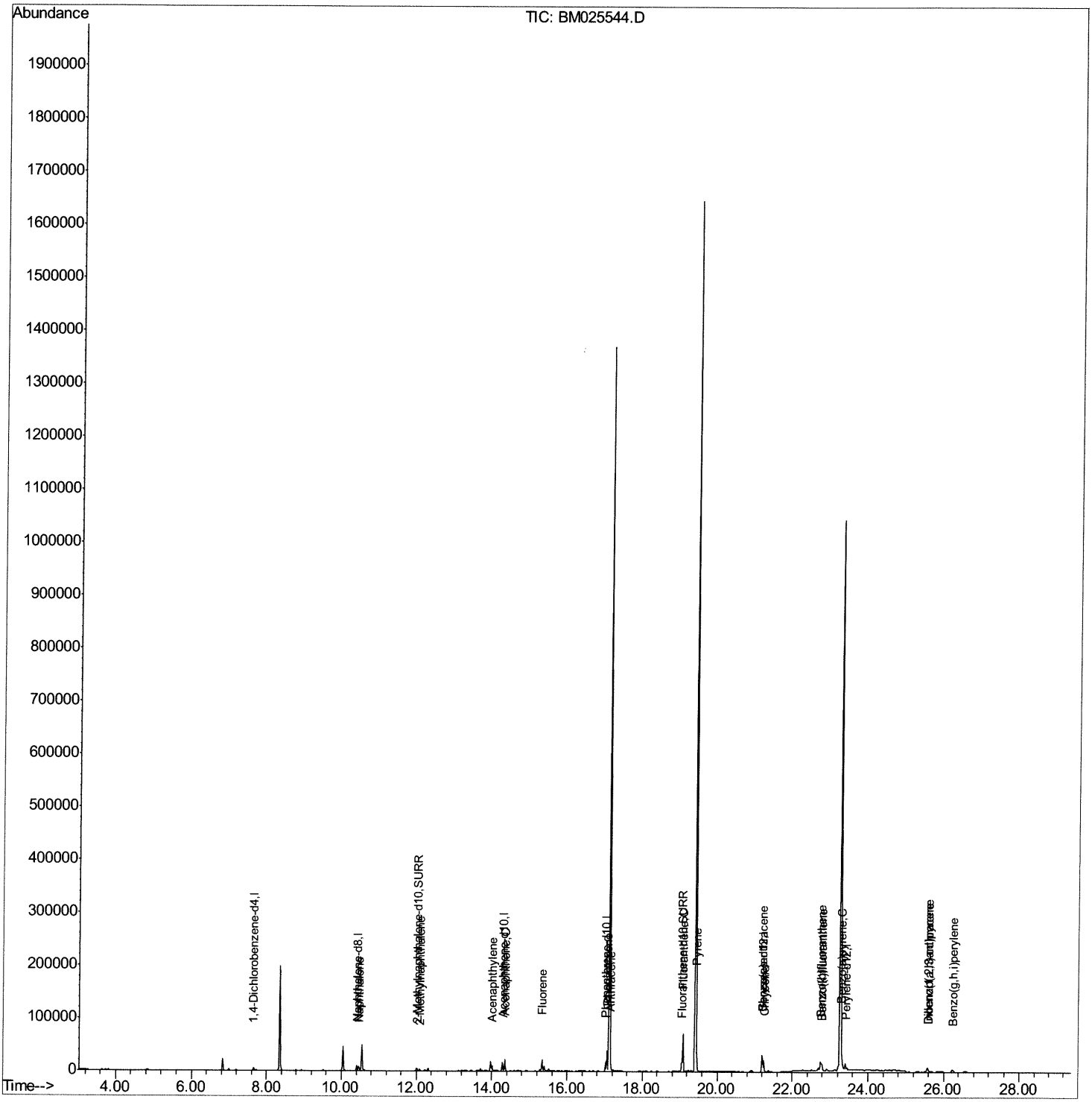
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031320\
Data File : BM025544.D
Acq On : 13 Mar 2020 16:57
Operator : CG/JU
Sample : L1786-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:38:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 13 16:53:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AB7

Manual Integrations APPROVED
mohammad
3/16/2020 1:52:08 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031320\
Data File : BM025544.D
Acq On : 13 Mar 2020 16:57
Operator : CG/JU
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Quant Time: Mar 13 17:35:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations APPROVED
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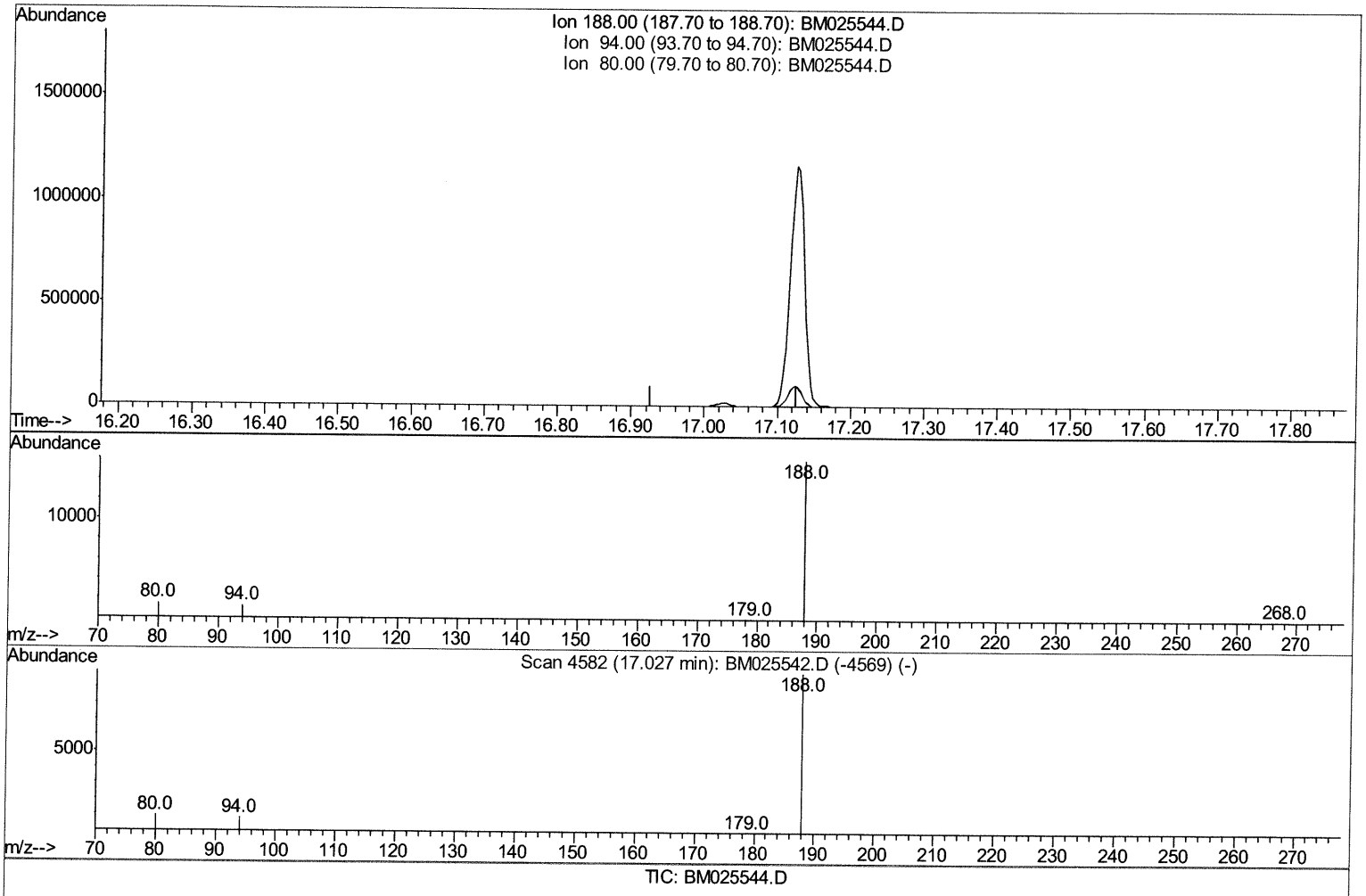

(10) Phenanthrene-d10 (I)

17.027min (-17.027) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	7.10	0.00#
80.00	8.70	0.00#
0.00	0.00	0.00

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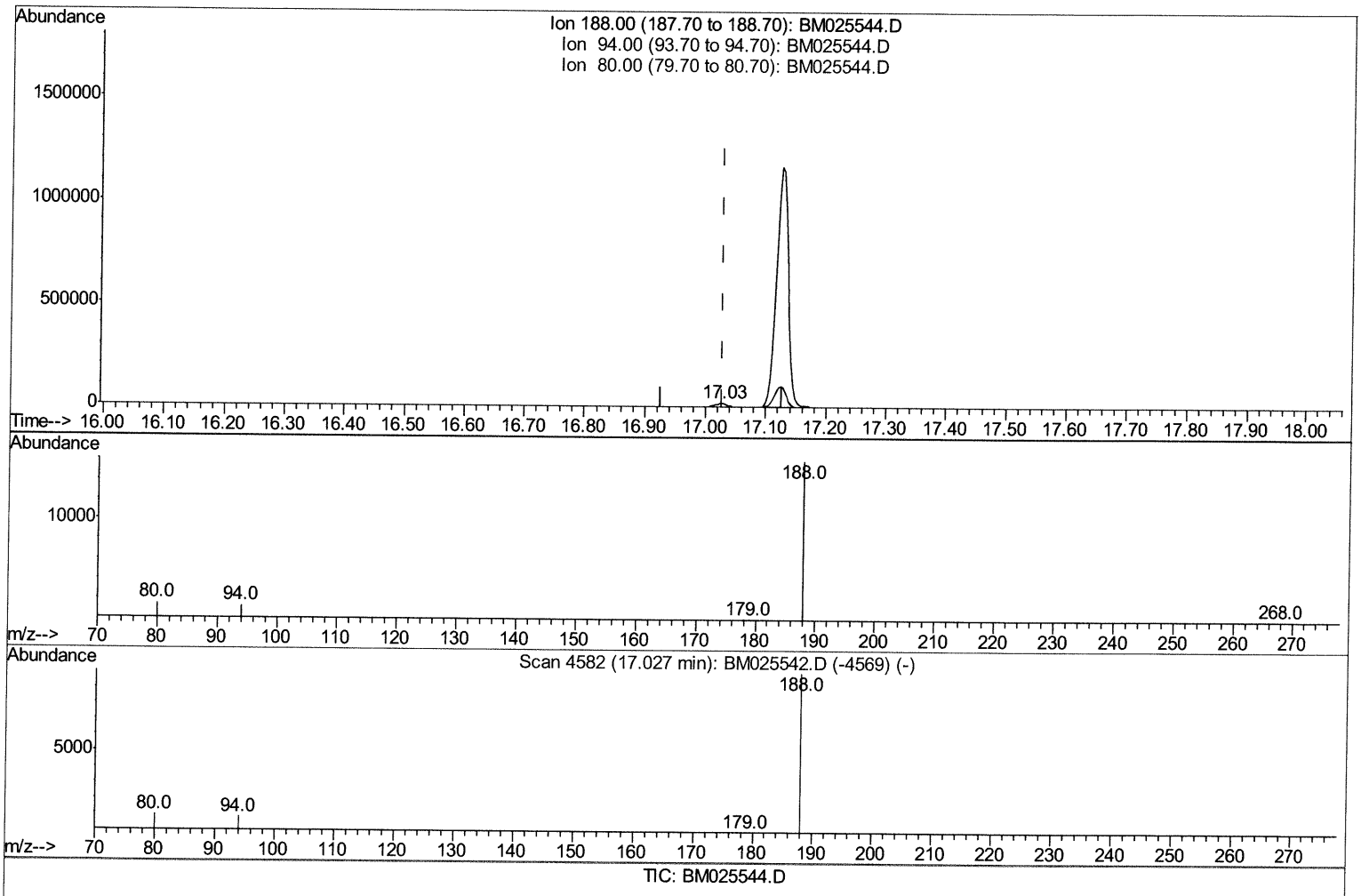
Manual Integrations APPROVED
mohammad
3/16/2020 1:52:08 PM



TIC: BM025544.D

(10) Phenanthrene-d10 (I)

17.027min (+0.000) 0.40ng/ul m JU 03/16/20

response 21826

Ion	Exp%	Act%
188.00	100	100
94.00	7.10	8.07
80.00	8.70	9.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031320\
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Acq On : 13 Mar 2020 16:57
Operator : CG/JU
Sample : L1786-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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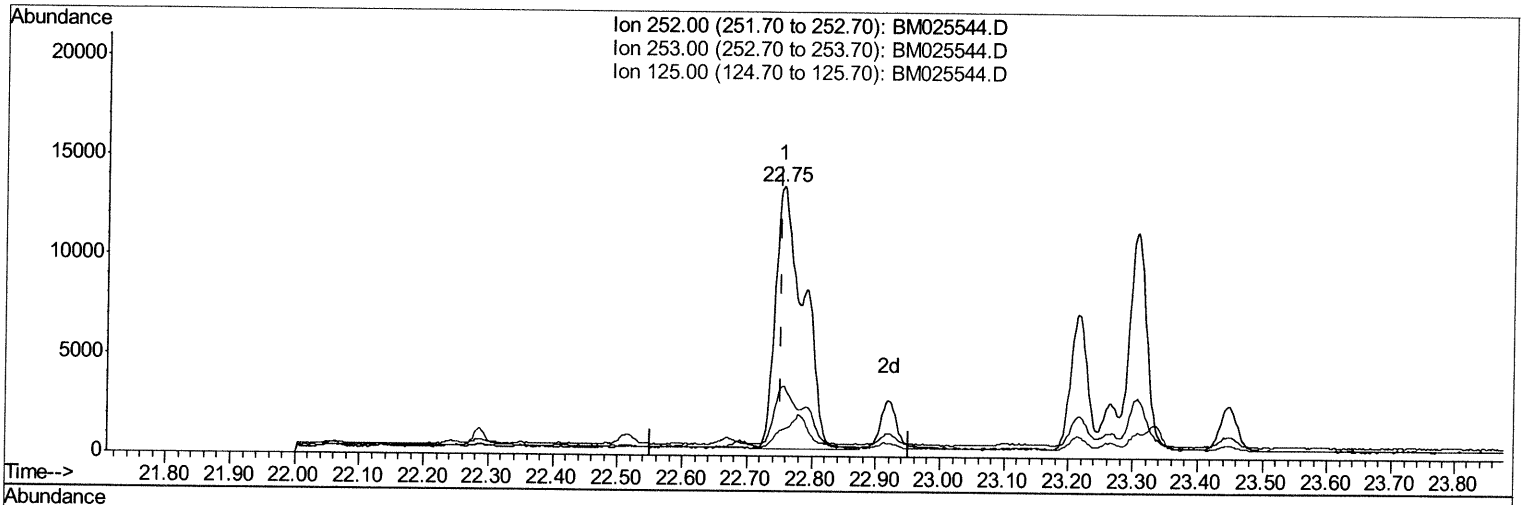
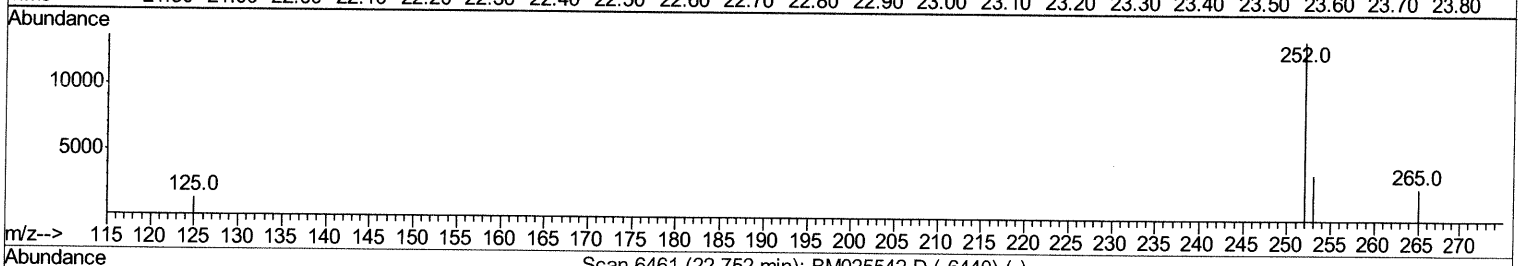
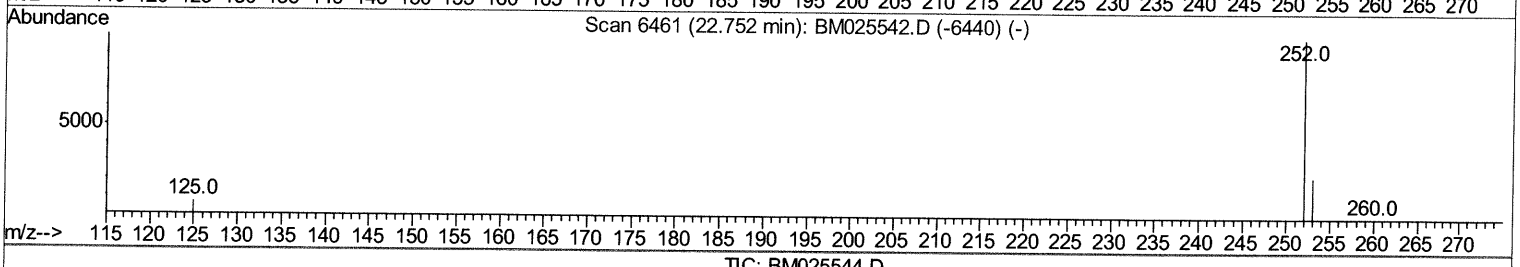
BNA_M
ClientSampleId :
C0AB7

Manual Integrations APPROVED
mohammad
3/16/2020 1:52:08 PM







TIC: BM025544.D

(21) Benzo(b)fluoranthene

22.755min (+0.002) 0.68ng/ul

response 40016

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	25.90
125.00	8.80	10.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031320\
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Acq On : 13 Mar 2020 16:57
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:36:38 2020
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QLast Update : Fri Mar 13 16:53:43 2020
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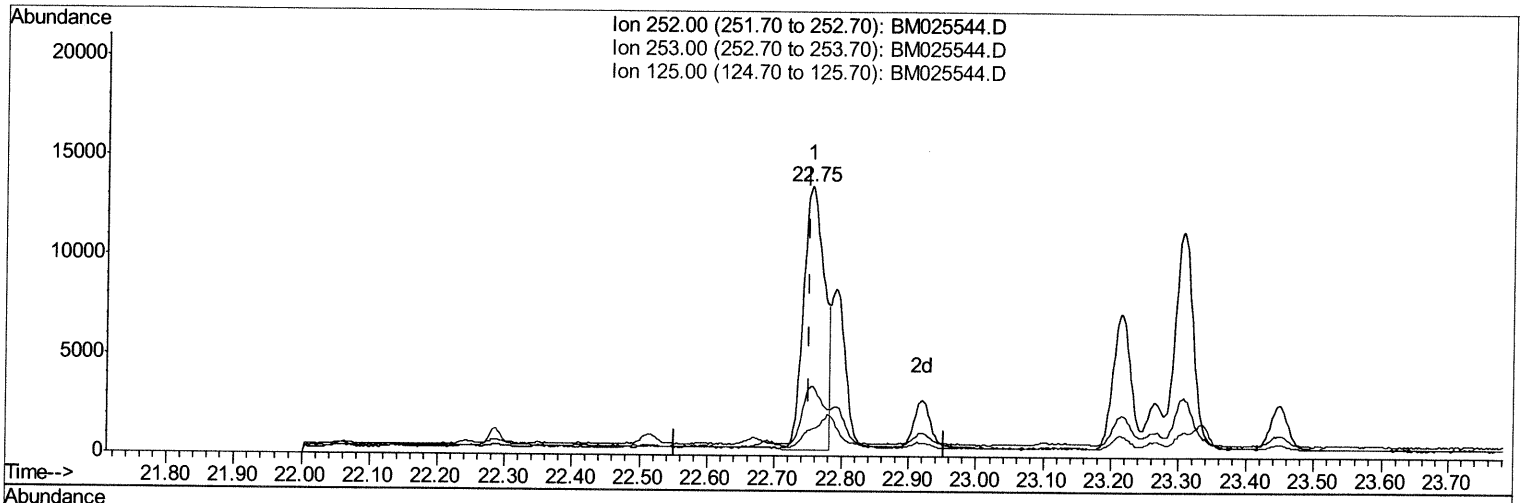
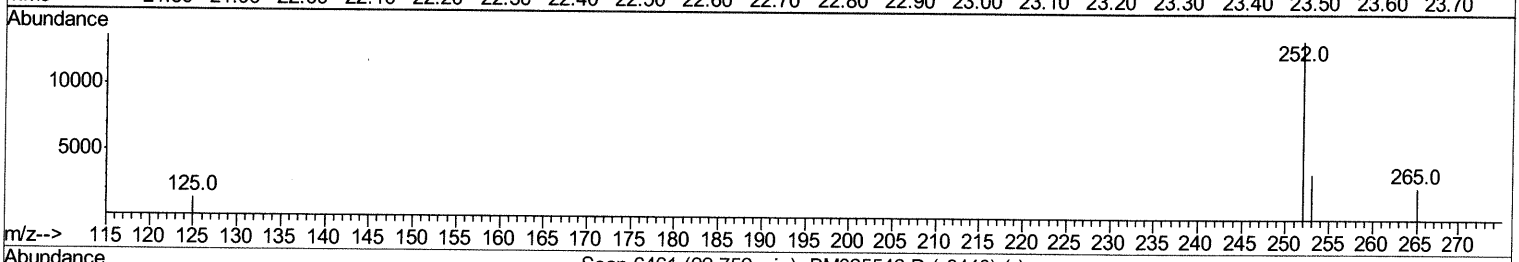
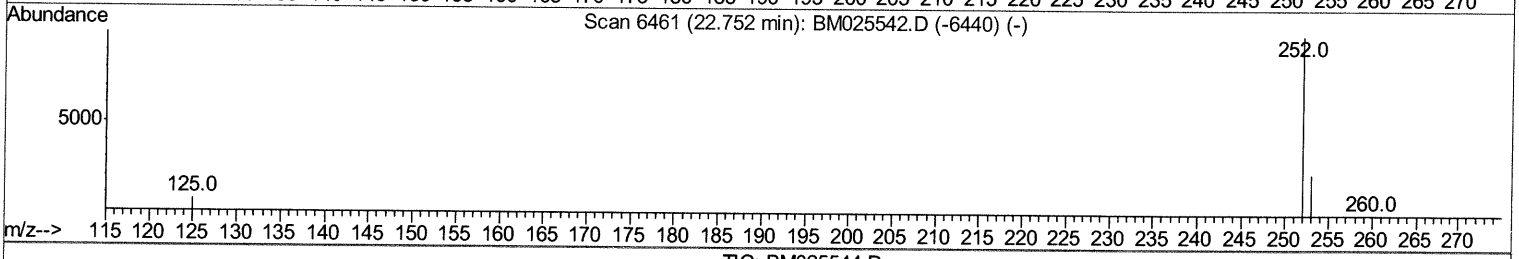
Instrument :
BNA_M
ClientSampleId :
C0AB7

Manual Integrations APPROVED
mohammad
3/16/2020 1:52:08 PM







TIC: BM025544.D

(21) Benzo(b)fluoranthene

22.755min (+0.002) 0.49ng/ul m Jd 03/16/20

response 28660

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	25.90
125.00	8.80	10.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031320\
Data File : BM025544.D
Acq On : 13 Mar 2020 16:57
Operator : CG/JU
Sample : L1786-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:36:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 13 16:53:43 2020
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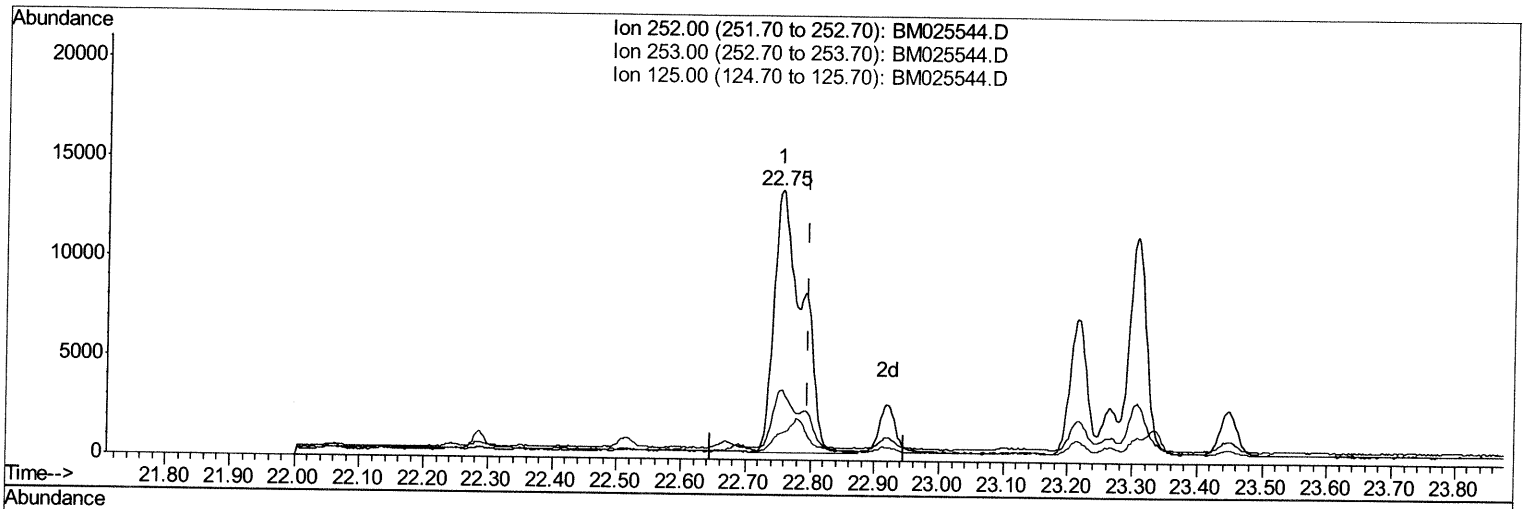
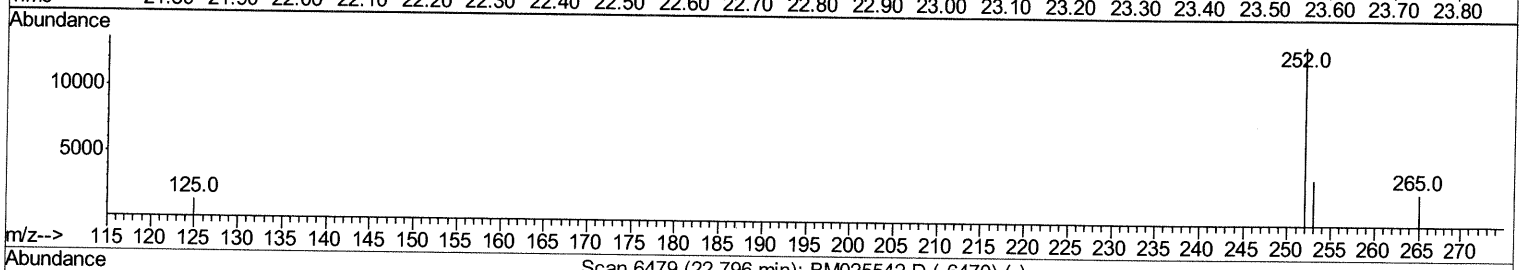
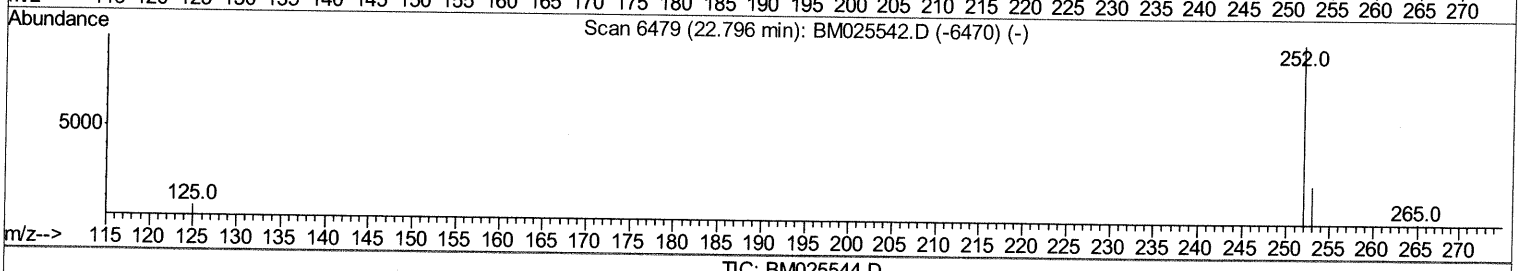
Instrument :
BNA_M
ClientSampleId :
C0AB7

Manual Integrations APPROVED
mohammad
3/16/2020 1:52:08 PM







TIC: BM025544.D

(22) Benzo(k)fluoranthene

22.755min (-0.041) 0.65ng/ul

response 40016

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	25.90
125.00	8.90	10.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031320\
Data File : BM025544.D
Acq On : 13 Mar 2020 16:57
Operator : CG/JU
Sample : L1786-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:36:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
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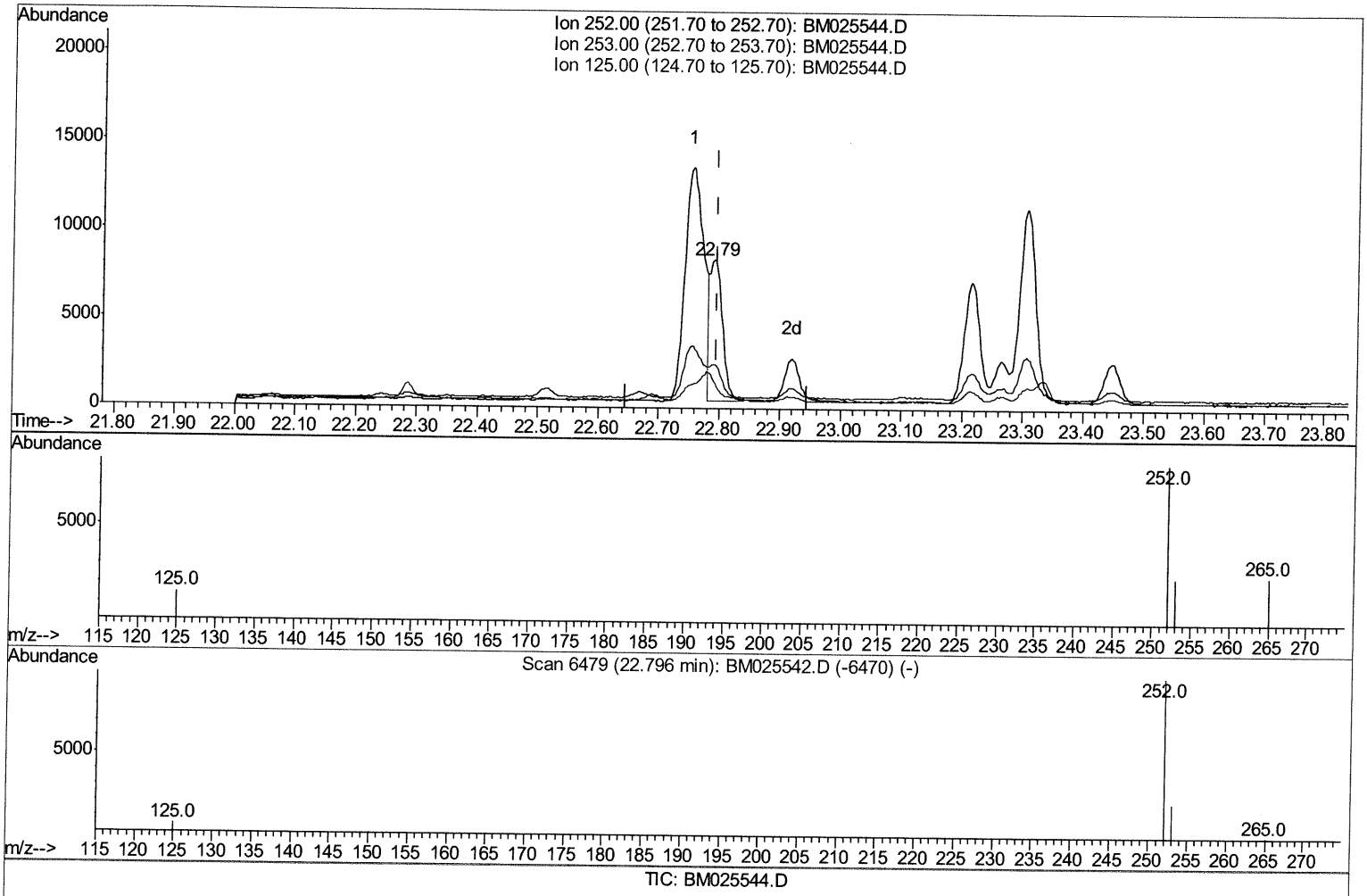
QLast Update : Fri Mar 13 16:53:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AB7

Manual Integrations APPROVED
mohammad
3/16/2020 1:52:08 PM



TIC: BM025544.D

(22) Benzo(k)fluoranthene

22.791min (-0.005) 0.18ng/ul m JU 03/6/20

response 11391

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	29.83#
125.00	8.90	18.03#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM025544.D
Acq On : 13 Mar 2020 16:57
Operator : CG/JU
Sample : L1786-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB7

Manual Integrations APPROVED
mohammad
3/16/2020 1:52:08 PM

Quant Time: Mar 13 17:38:08 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.66	152	2800	0.40	ng/ul	0.00	
2) Naphthalene-d8	10.42	136	12244	0.40	ng/ul	0.00	
6) Acenaphthene-d10	14.28	164	9321	0.40	ng/ul	0.00	
10) Phenanthrene-d10	17.03	188	21826m>	0.40	ng/ul>	0.00	JU03/16/20
16) Chrysene-d12	21.22	240	16610	0.40	ng/ul	0.00	
20) Perylene-d12	23.40	264	14902	0.40	ng/ul	0.00	
System Monitoring Compounds							
4) 2-Methylnaphthalene-d10	12.02	152	7212	0.33	ng/ul	0.00	
14) Fluoranthene-d10	19.05	212	19460	0.32	ng/ul	0.00	
Target Compounds						Qvalue	
3) Naphthalene	10.47	128	10474	0.289	ng/ul	100	
5) 2-Methylnaphthalene	12.09	142	2052	0.079	ng/ul	100	
7) Acenaphthylene	14.00	152	4149	0.109	ng/ul#	85	
8) Acenaphthene	14.35	153	12186	0.365	ng/ul	99	
9) Fluorene	15.33	166	13347	0.328	ng/ul	100	
12) Phenanthrene	17.07	178	40844	0.591	ng/ul	100	
13) Anthracene	17.16	178	12029	0.200	ng/ul	98	
15) Fluoranthene	19.08	202	64239	0.857	ng/ul	98	
17) Pyrene	19.45	202	51218	0.687	ng/ul	99	
18) Benzo(a)anthracene	21.20	228	25037	0.422	ng/ul	97	
19) Chrysene	21.25	228	22267	0.334	ng/ul	98	
21) Benzo(b)fluoranthene	22.75	252	28660m}	0.486	ng/ul}		JU03/16/20
22) Benzo(k)fluoranthene	22.79	252	11391m}	0.184	ng/ul}		
23) Benzo(a)pyrene	23.31	252	20039	0.409	ng/ul	99	
24) Indeno(1,2,3-cd)pyrene	25.57	276	11703	0.176	ng/ul#	99	
25) Dibenzo(a,h)anthracene	25.58	278	3602	0.064	ng/ul#	70	
26) Benzo(g,h,i)perylene	26.23	276	10372	0.180	ng/ul#	95	

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