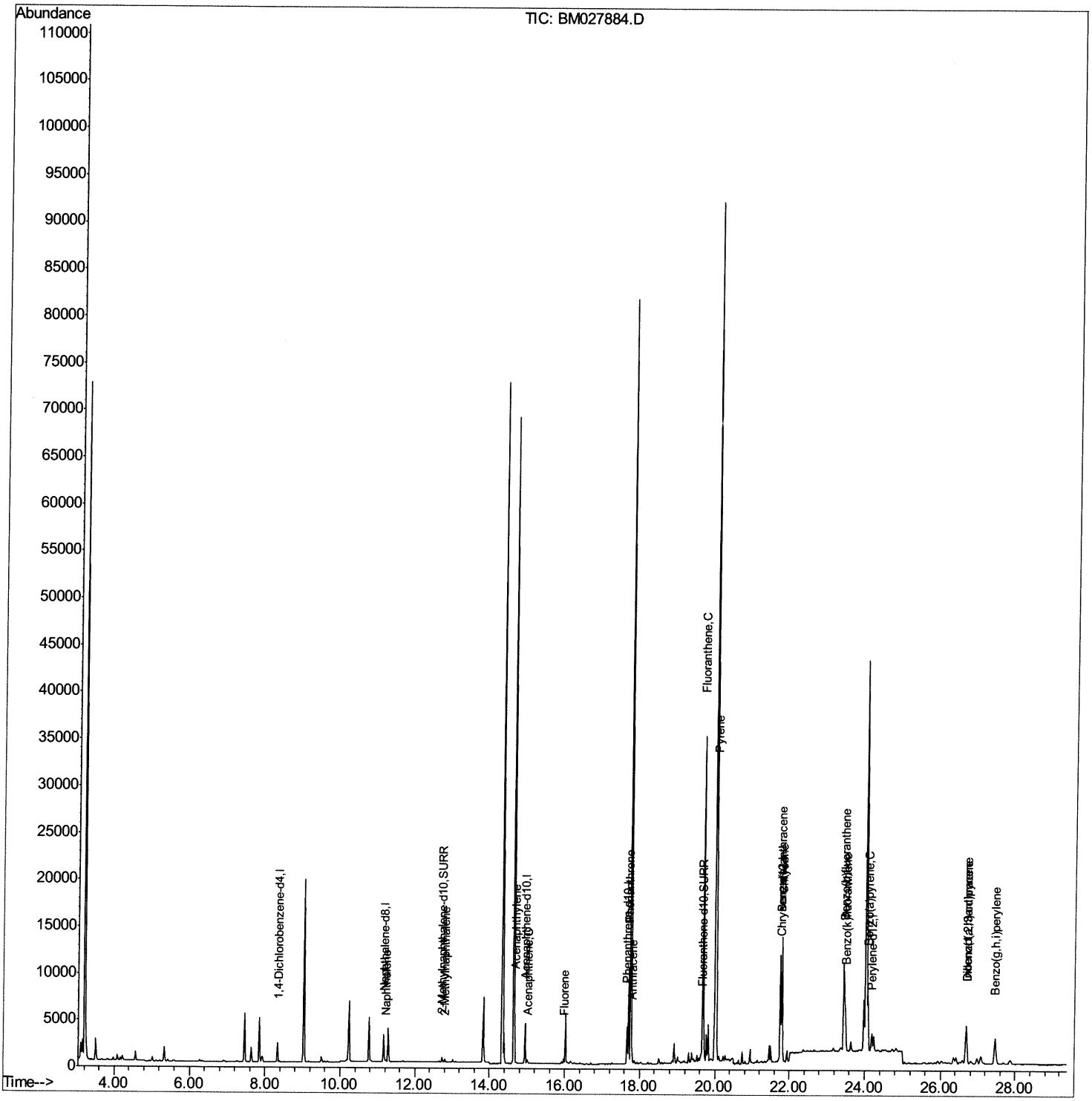
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027884.D
Acq On : 21 Nov 2020 16:54
Operator : JU/CG
Sample : L4711-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Nov 23 04:14:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 02:58:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B51

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:47 AM



Quantitation Report (Qedit)

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Data File : BM027884.D
Acq On : 21 Nov 2020 16:54
Operator : JU/CG
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Misc :
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Quant Time: Nov 23 04:06:18 2020
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Manual Integrations APPROVED
mohammad
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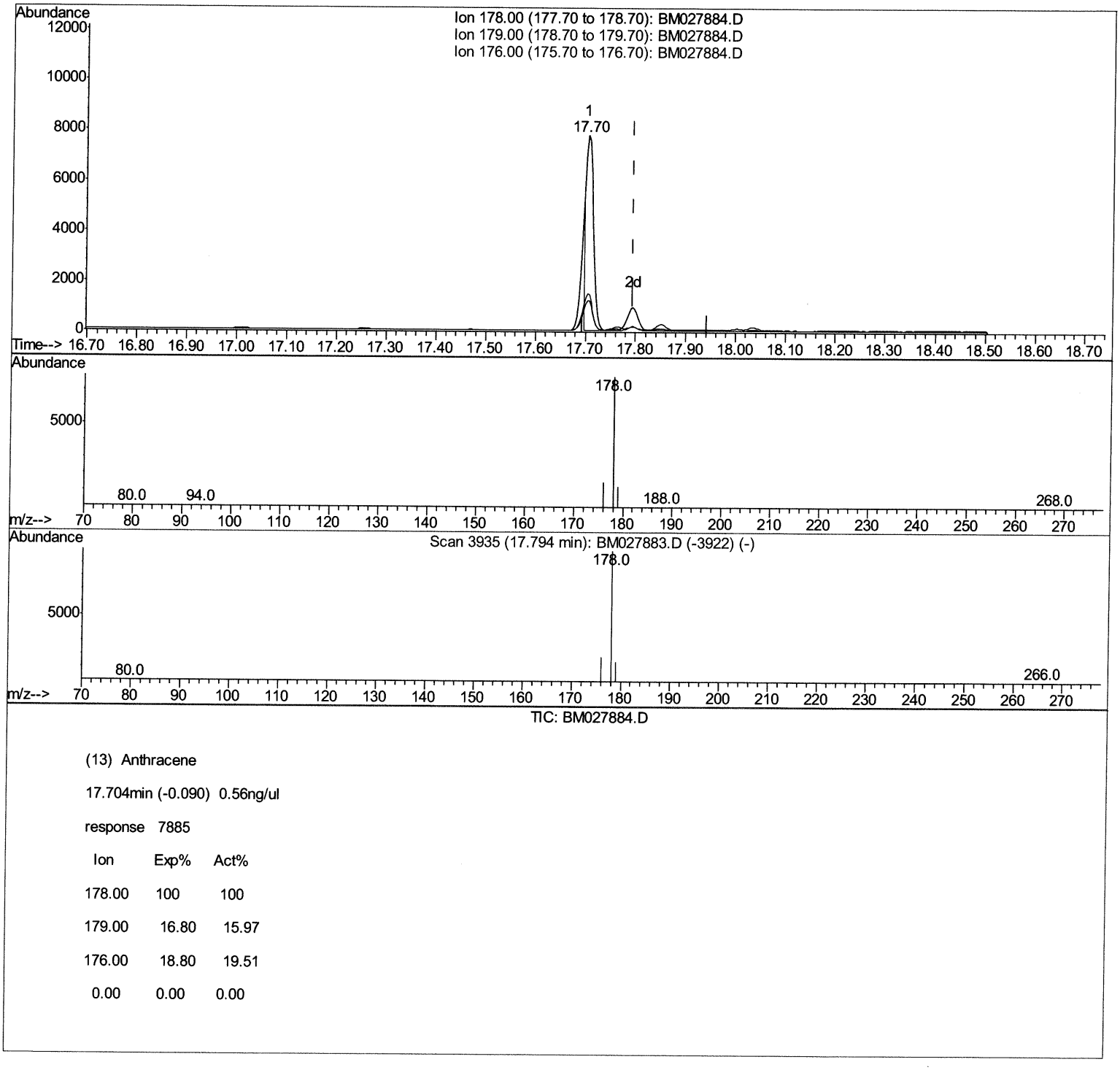

(13) Anthracene

17.704min (-0.090) 0.56ng/ul

response 7885

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	15.97
176.00	18.80	19.51
0.00	0.00	0.00

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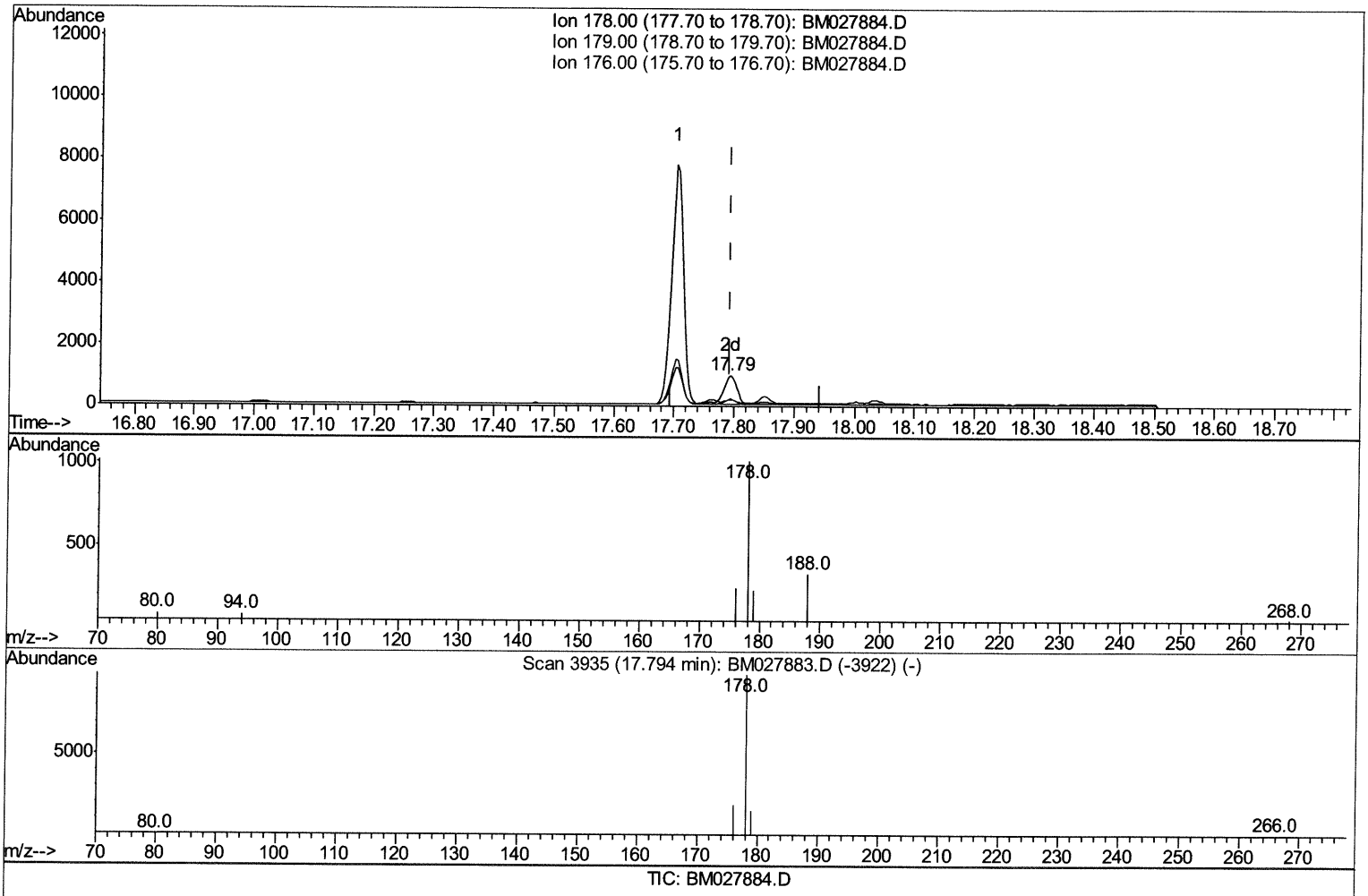
Manual Integrations APPROVED
mohammad
11/24/2020 8:58:47 AM



TIC: BM027884.D

(13) Anthracene

17.794min (+0.000) 0.09ng/ul m 11/22/20 JU

response 1317

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	22.90#
176.00	18.80	24.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027884.D
Acq On : 21 Nov 2020 16:54
Operator : JU/CG
Sample : L4711-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Nov 23 04:06:18 2020
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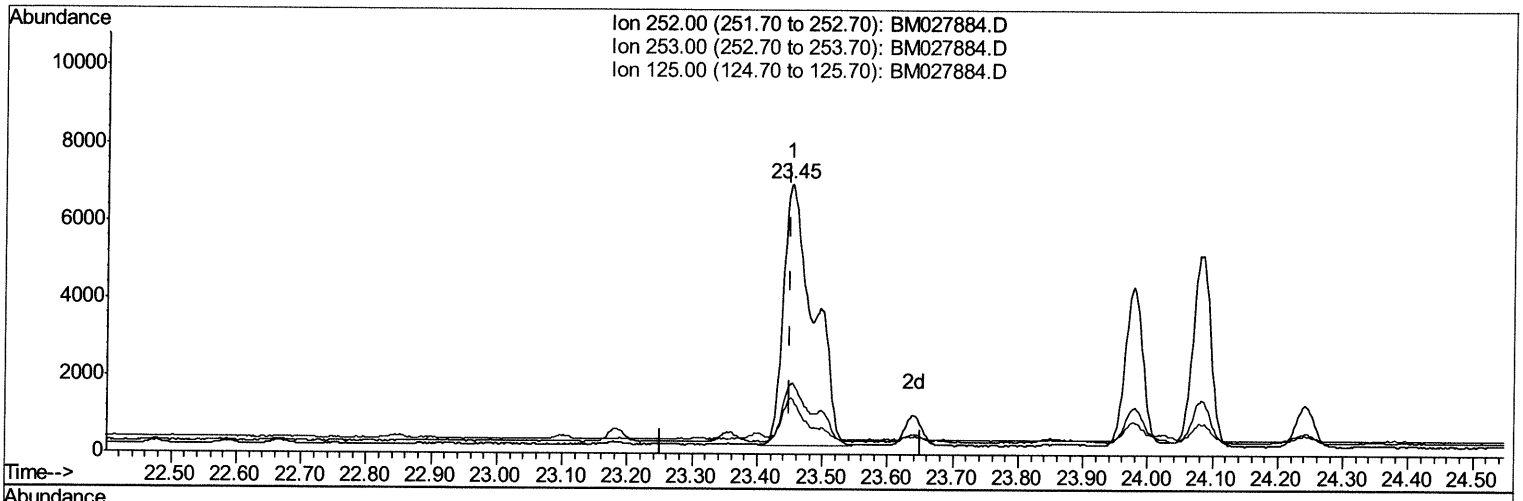
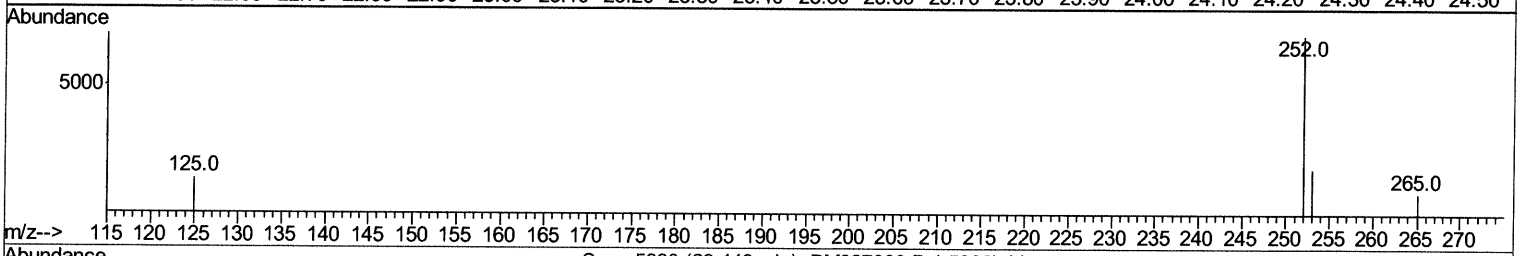
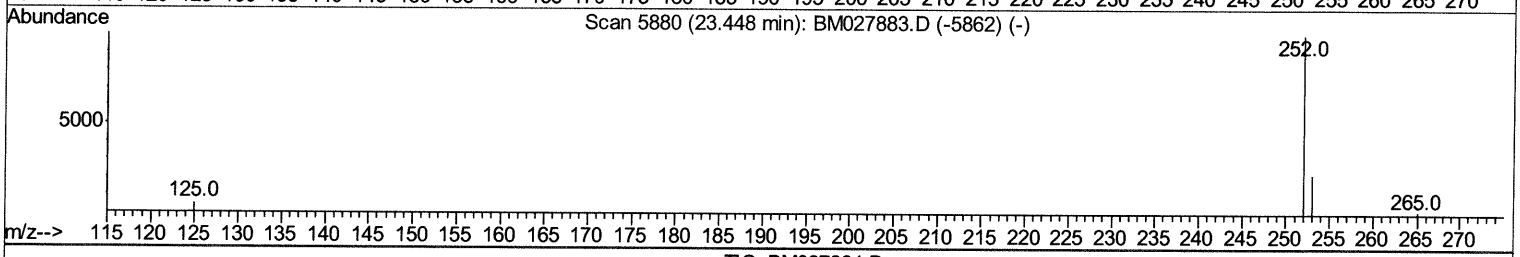
Instrument :
BNA_M
ClientSampleId :
C0B51

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:47 AM







TIC: BM027884.D

(21) Benzo(b)fluoranthene

23.452min (+0.003) 2.10ng/ul

response 21636

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	26.40
125.00	14.20	20.67
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027884.D
Acq On : 21 Nov 2020 16:54
Operator : JU/CG
Sample : L4711-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Nov 23 04:06:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 02:58:43 2020
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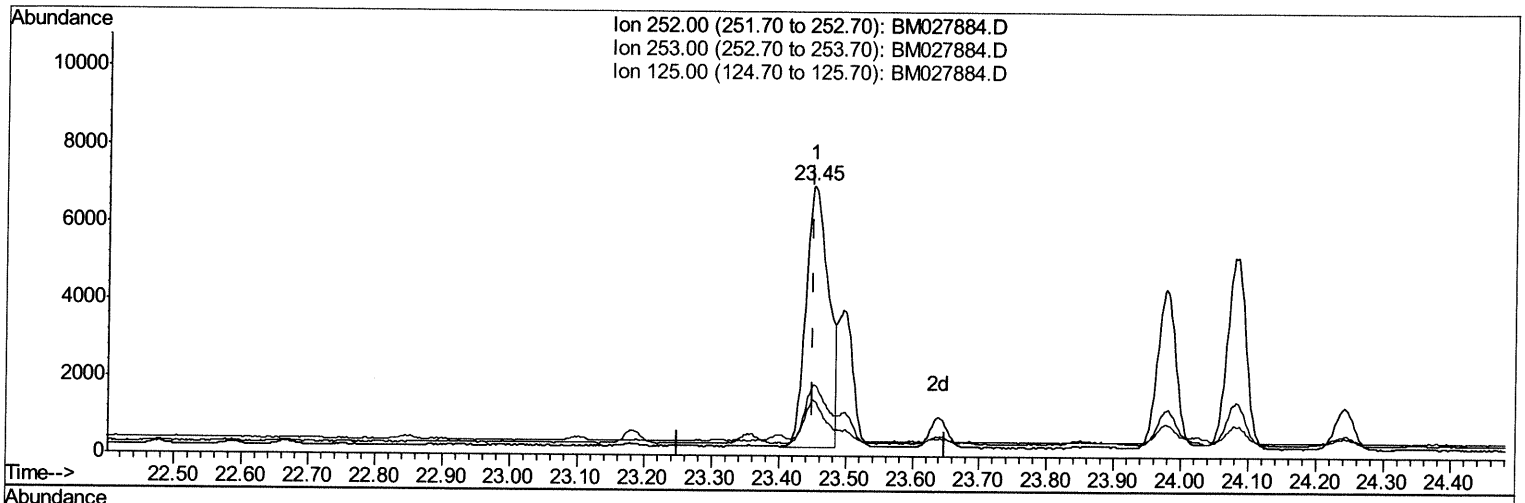
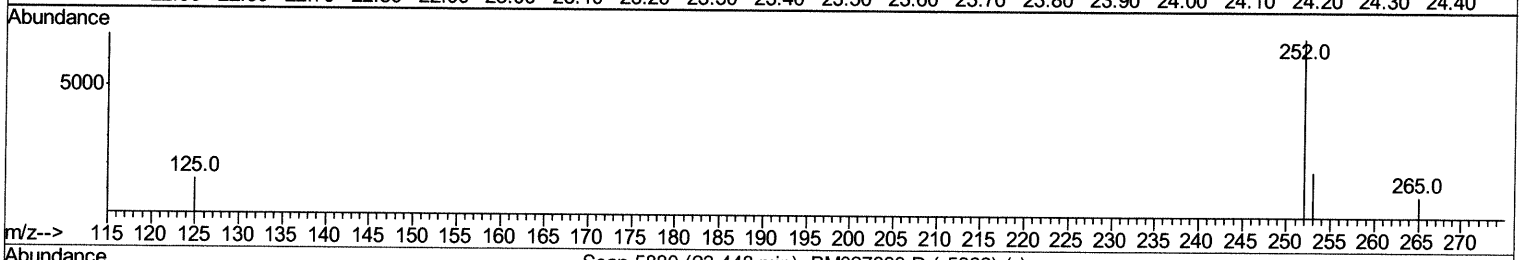
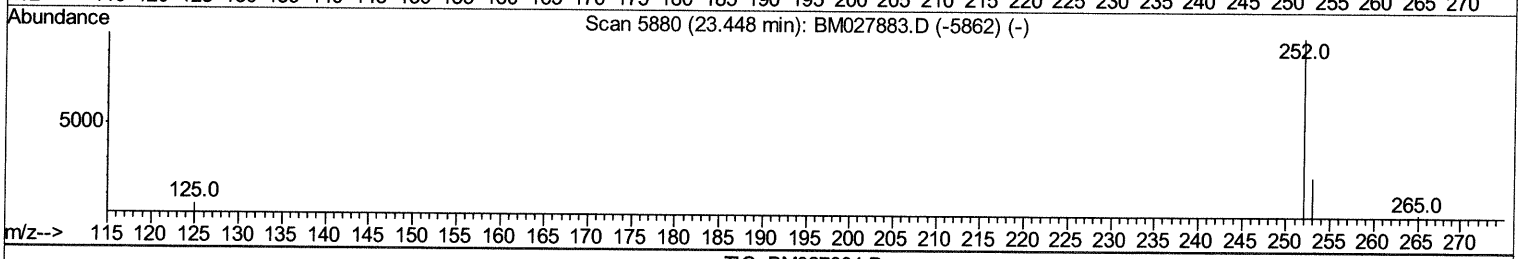
Instrument :
BNA_M
ClientSampleId :
C0B51

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:47 AM







TIC: BM027884.D

(21) Benzo(b)fluoranthene

23.452min (+0.003) 1.54ng/ul m 11/27/20 JU

response 15878

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	26.40
125.00	14.20	20.67
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027884.D
Acq On : 21 Nov 2020 16:54
Operator : JU/CG
Sample : L4711-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Nov 23 04:06:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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Instrument :
BNA_M
ClientSampleId :
C0B51

Manual Integrations APPROVED
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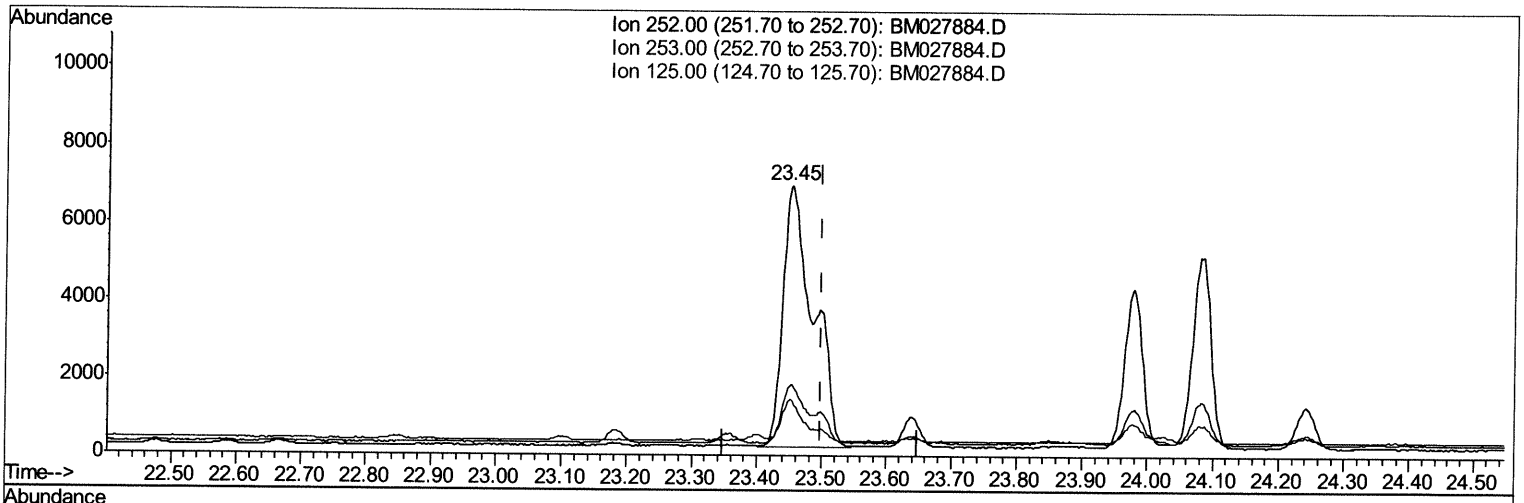
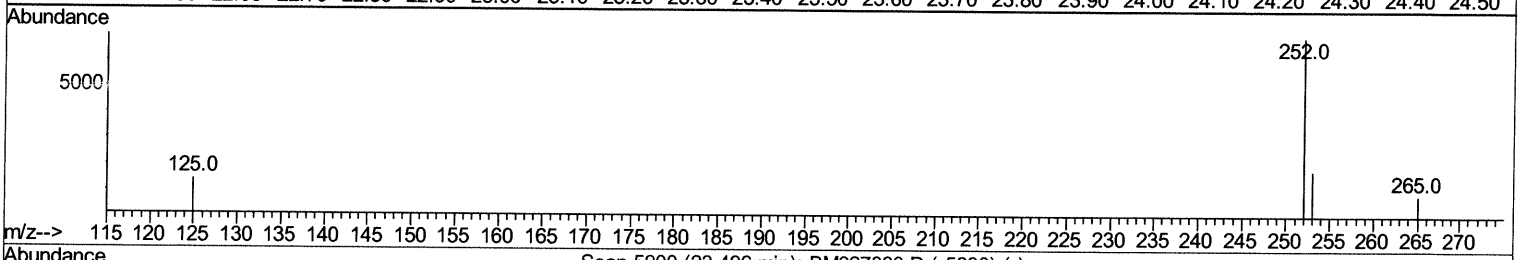
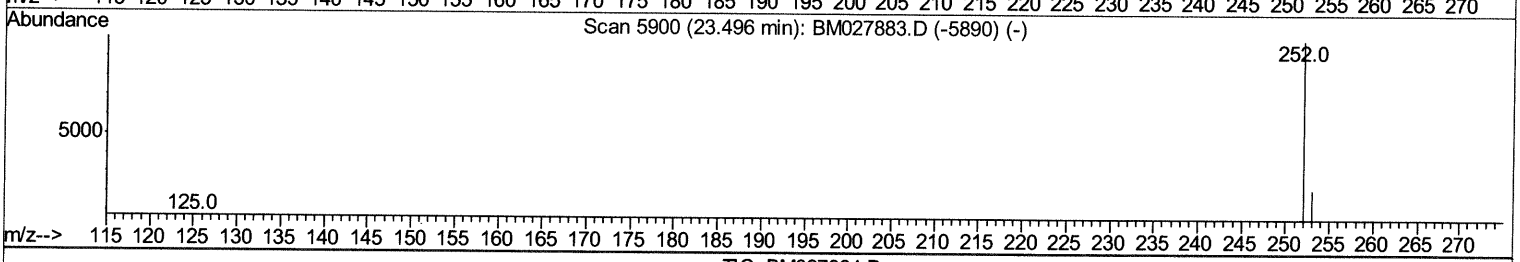
11/24/2020 8:58:47 AM







TIC: BM027884.D

(22) Benzo(k)fluoranthene

23.452min (-0.046) 2.14ng/ul

response 21636

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	26.40
125.00	14.70	20.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027884.D
Acq On : 21 Nov 2020 16:54
Operator : JU/CG
Sample : L4711-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Nov 23 04:06:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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ClientSampleId :
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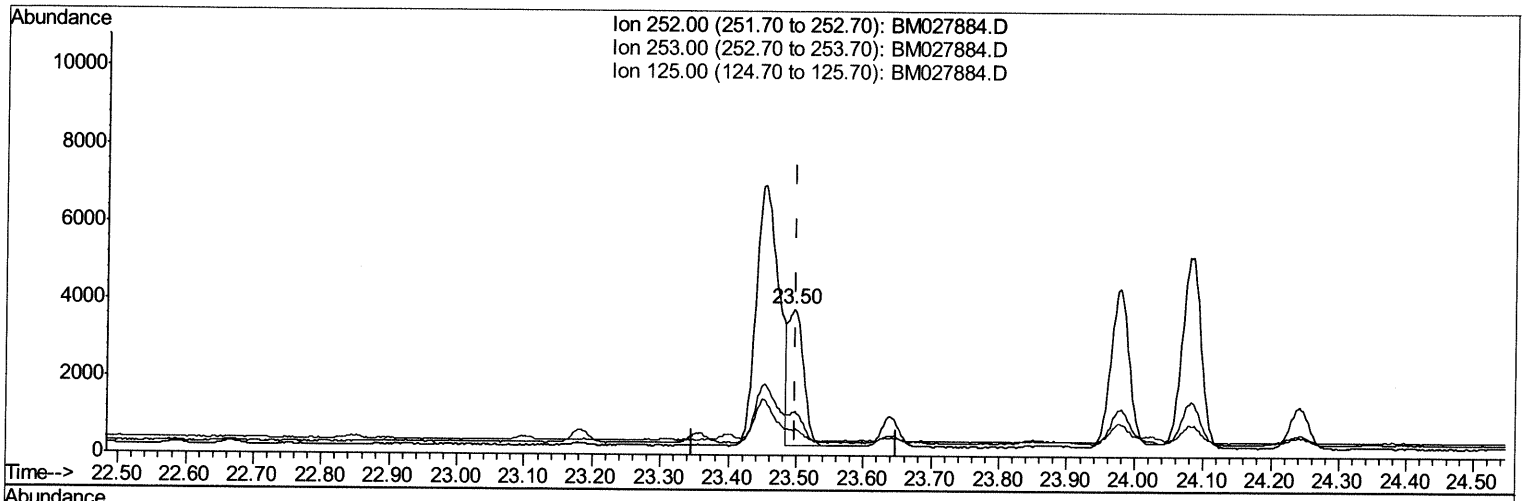
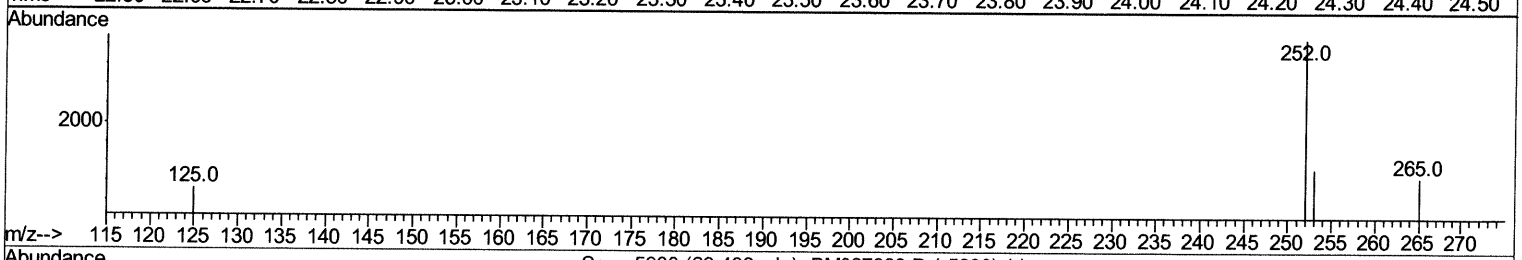
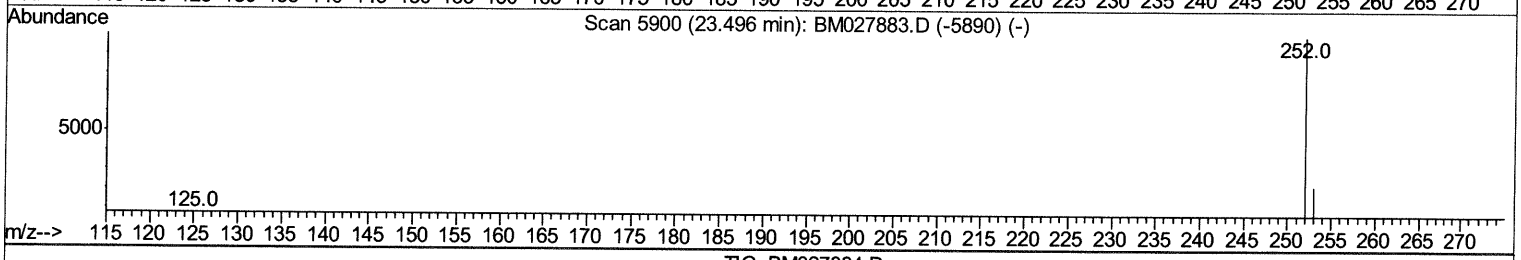
Manual Integrations APPROVED
mohammad
11/24/2020 8:58:47 AM







TIC: BM027884.D

(22) Benzo(k)fluoranthene

23.496min (-0.002) 0.56ng/ul m 11/27/2034

response 5694

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	29.14
125.00	14.70	17.19
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027884.D
Acq On : 21 Nov 2020 16:54
Operator : JU/CG
Sample : L4711-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

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ClientSampleId : C0B51

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:47 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	986	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3855	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2333	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4619	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2758	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2452	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	552	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1077	0.09	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	335	0.029	ng/ul#	61
5) 2-Methylnaphthalene	12.80	142	209	0.027	ng/ul	97
7) Acenaphthylene	14.68	152	356	0.031	ng/ul#	69
8) Acenaphthene	15.01	153	269	0.032	ng/ul#	95
9) Fluorene	15.98	166	301	0.030	ng/ul#	91
12) Phenanthrene	17.70	178	10759	0.737	ng/ul	98
13) Anthracene	17.79	178	1317m>	0.094	ng/ul>	11/27/2034
15) Fluoranthene	19.68	202	29440	1.820	ng/ul	99
17) Pyrene	20.04	202	23995	1.713	ng/ul	98
18) Benzo(a)anthracene	21.75	228	9389	0.844	ng/ul	97
19) Chrysene	21.81	228	13136	1.212	ng/ul	98
21) Benzo(b)fluoranthene	23.45	252	15878m3	1.541	ng/ul3	11/27/2034
22) Benzo(k)fluoranthene	23.50	252	5694m3	0.564	ng/ul3	
23) Benzo(a)pyrene	24.08	252	9660	1.072	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	26.68	276	7203	0.738	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.69	278	1812	0.223	ng/ul#	65
26) Benzo(g,h,i)perylene	27.45	276	6120	0.748	ng/ul	99

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