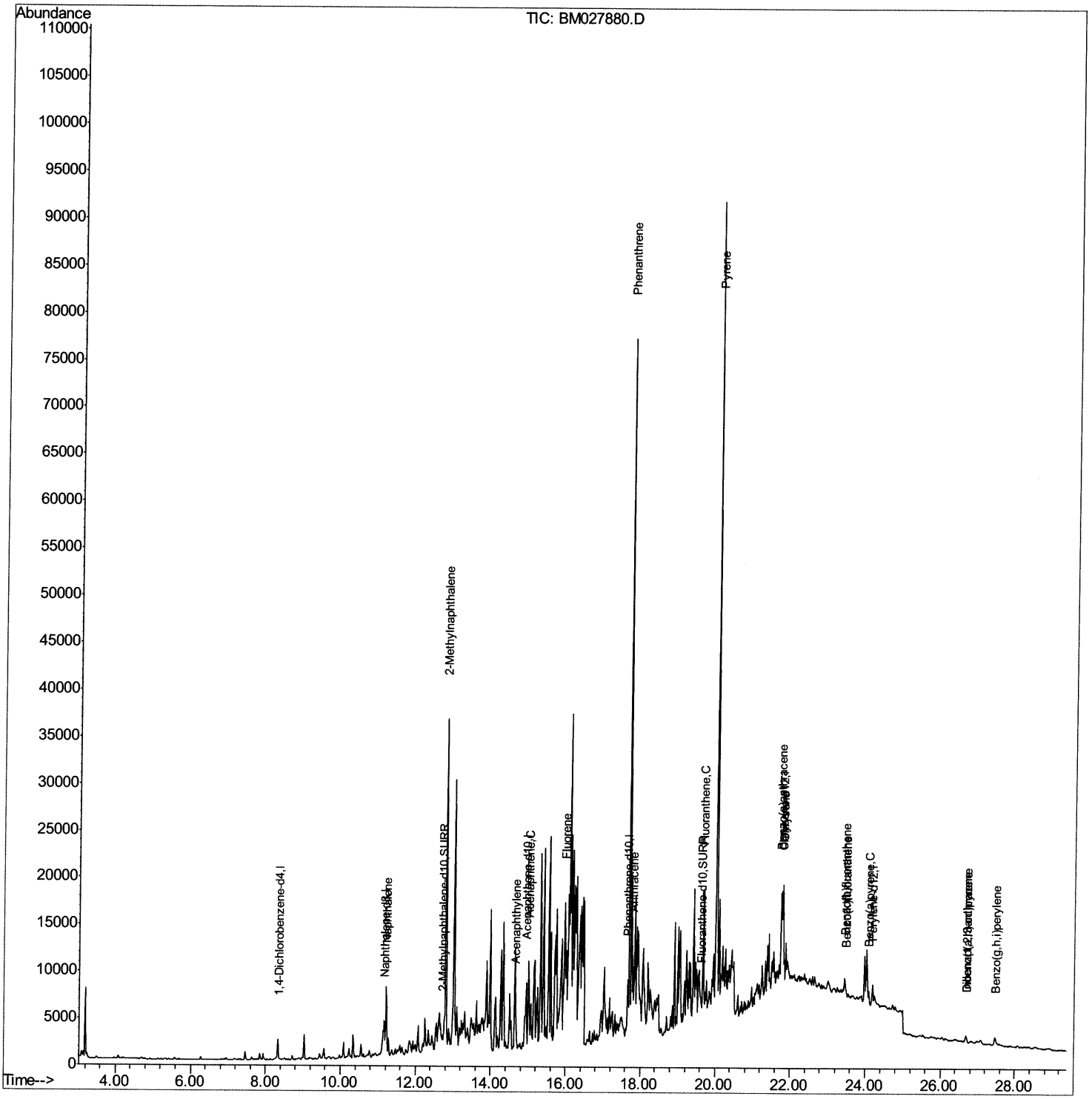
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027880.D
Acq On : 21 Nov 2020 14:21
Operator : JU/CG
Sample : L4854-01DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 23 09:14:30 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 : Fri Nov 20 17:20:22 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AD0DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:39 AM



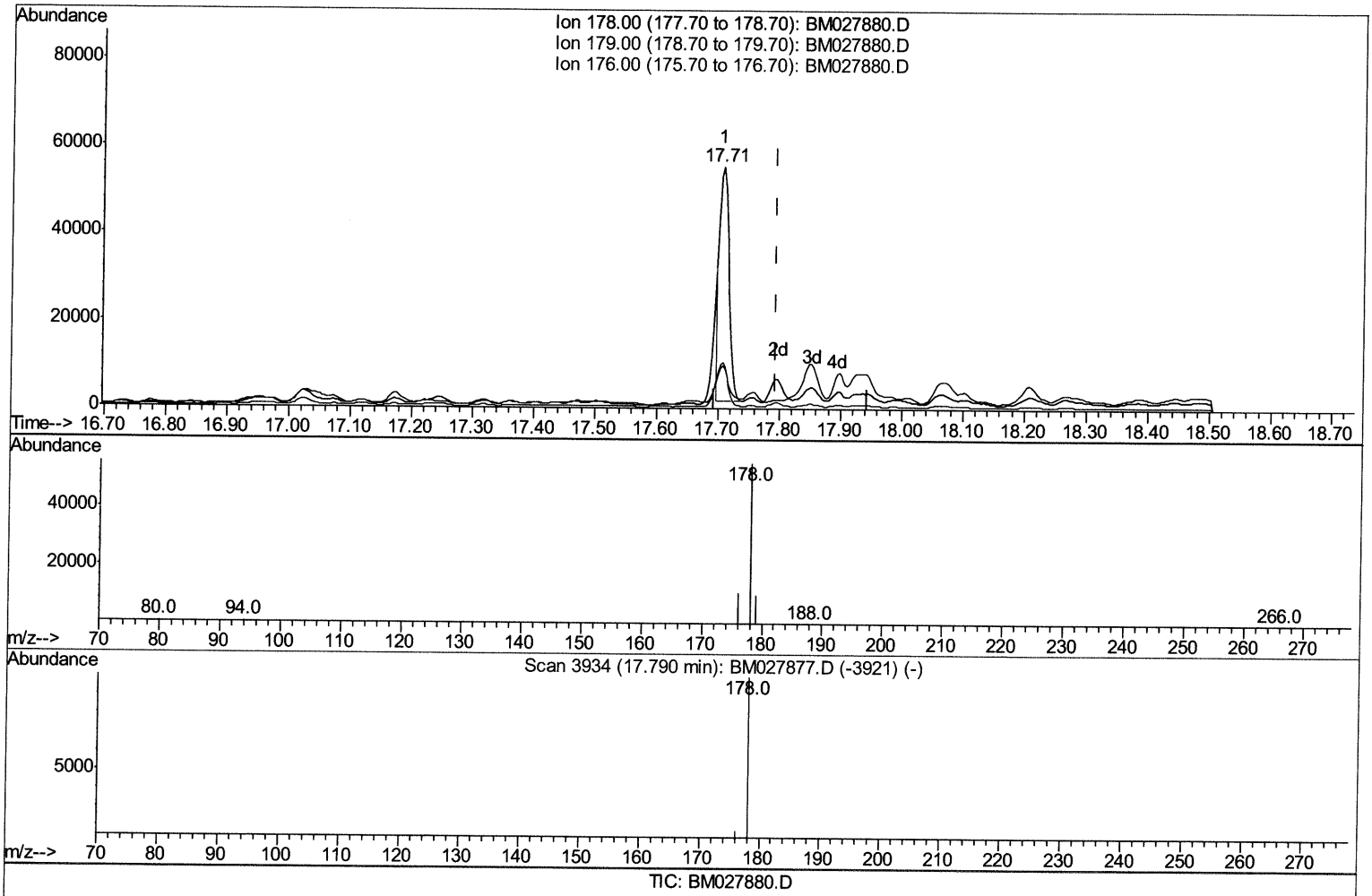
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027880.D
Acq On : 21 Nov 2020 14:21
Operator : JU/CG
Sample : L4854-01DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 23 09:12:44 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 : Fri Nov 20 17:20:22 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AD0DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:39 AM



(13) Anthracene

17.707min (-0.087) 3.72ng/ul

response 59131

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	17.72
176.00	18.80	19.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
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Acq On : 21 Nov 2020 14:21
Operator : JU/CG
Sample : L4854-01DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

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QLast Update : Fri Nov 20 17:20:22 2020
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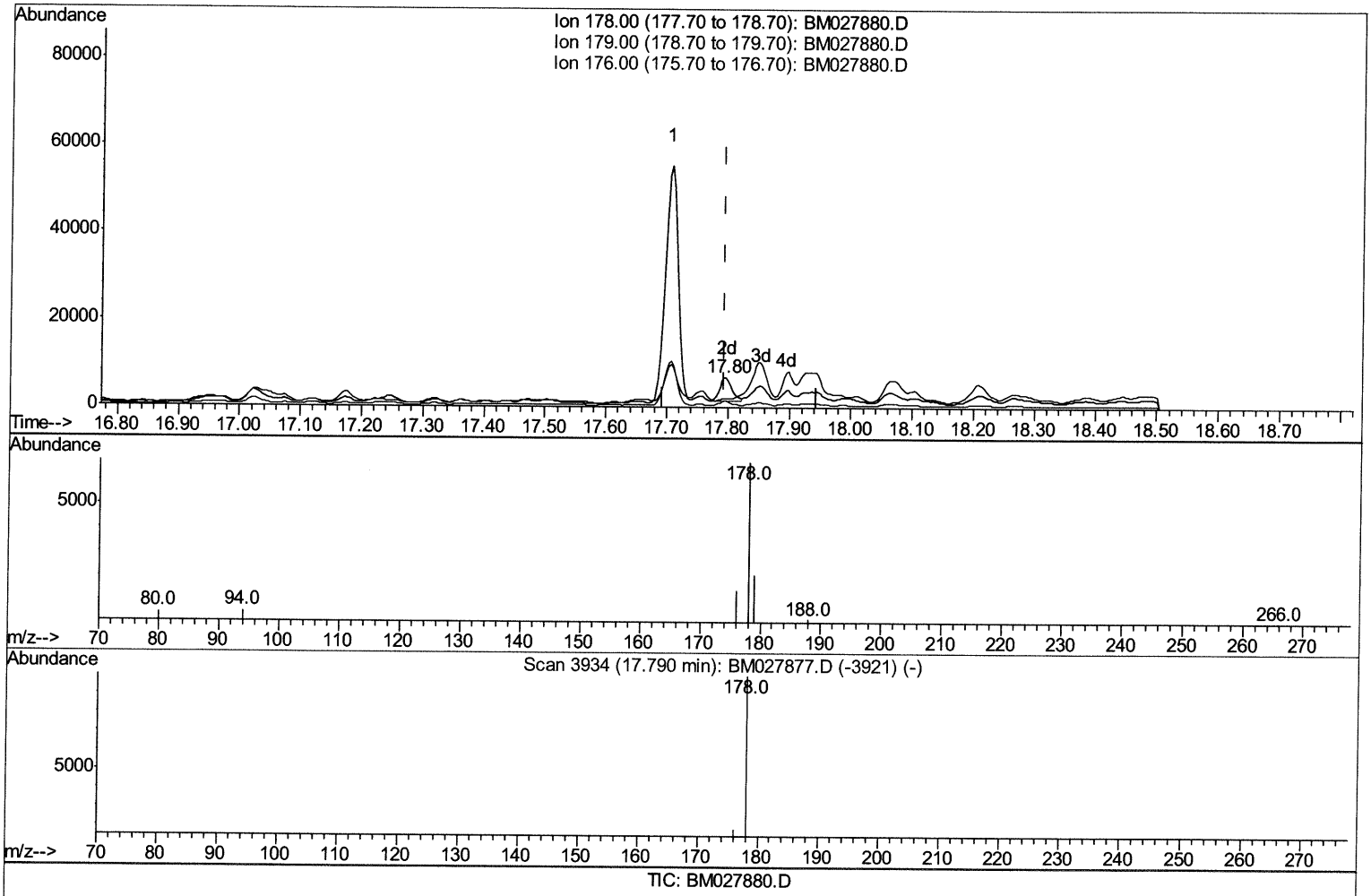
Instrument :
BNA_M
ClientSampleId :
C0AD0DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:39 AM



TIC: BM027880.D

(13) Anthracene

17.797min (+0.003) 0.49ng/ul m 11/27/20 JU

response 7807

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	30.29#
176.00	18.80	21.39
0.00	0.00	0.00

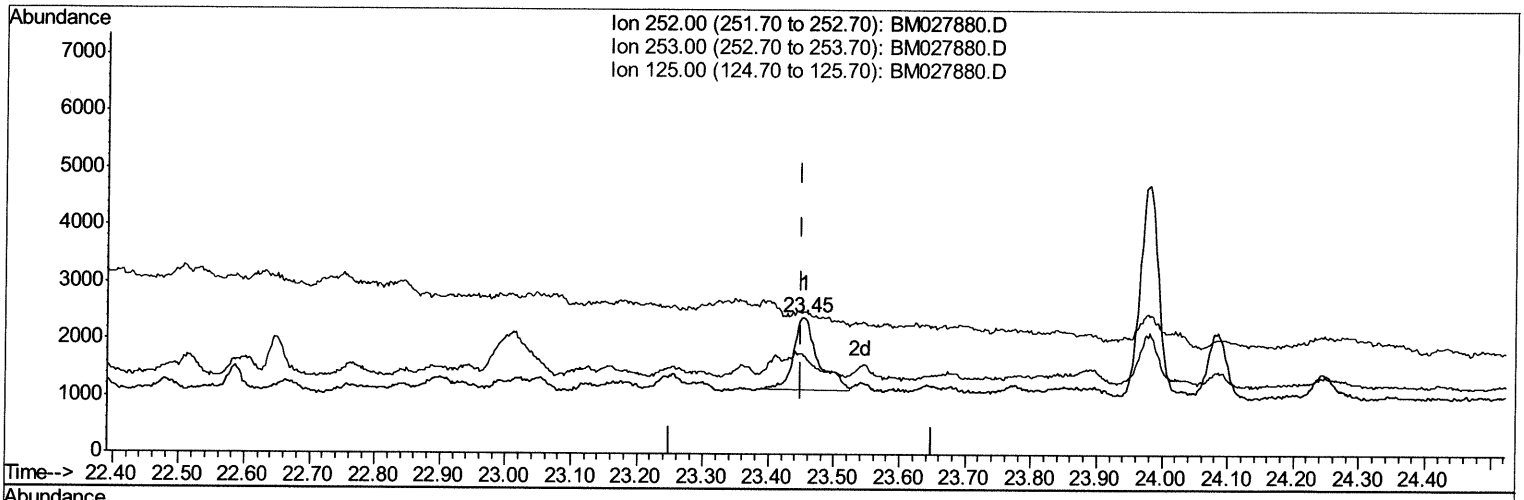
Quantitation Report (Qedit)

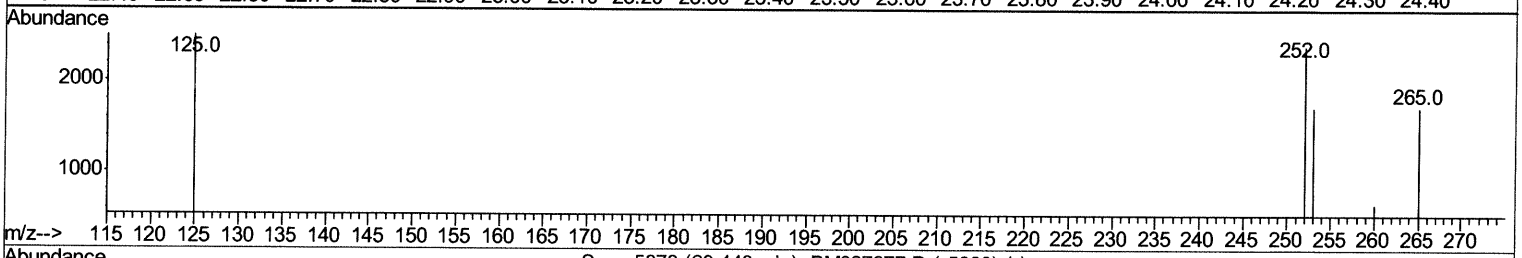
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027880.D
Acq On : 21 Nov 2020 14:21
Operator : JU/CG
Sample : L4854-01DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

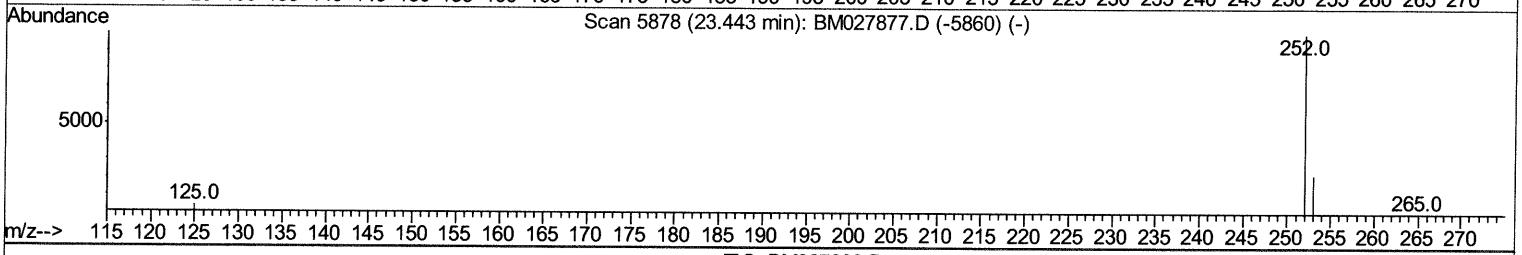
Quant Time: Nov 23 09:12:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 17:20:22 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AD0DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:39 AM







TIC: BM027880.D

(21) Benzo(b)fluoranthene

23.455min (+0.005) 0.30ng/ul

response 3361

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	71.60#
125.00	14.20	104.38#
0.00	0.00	0.00

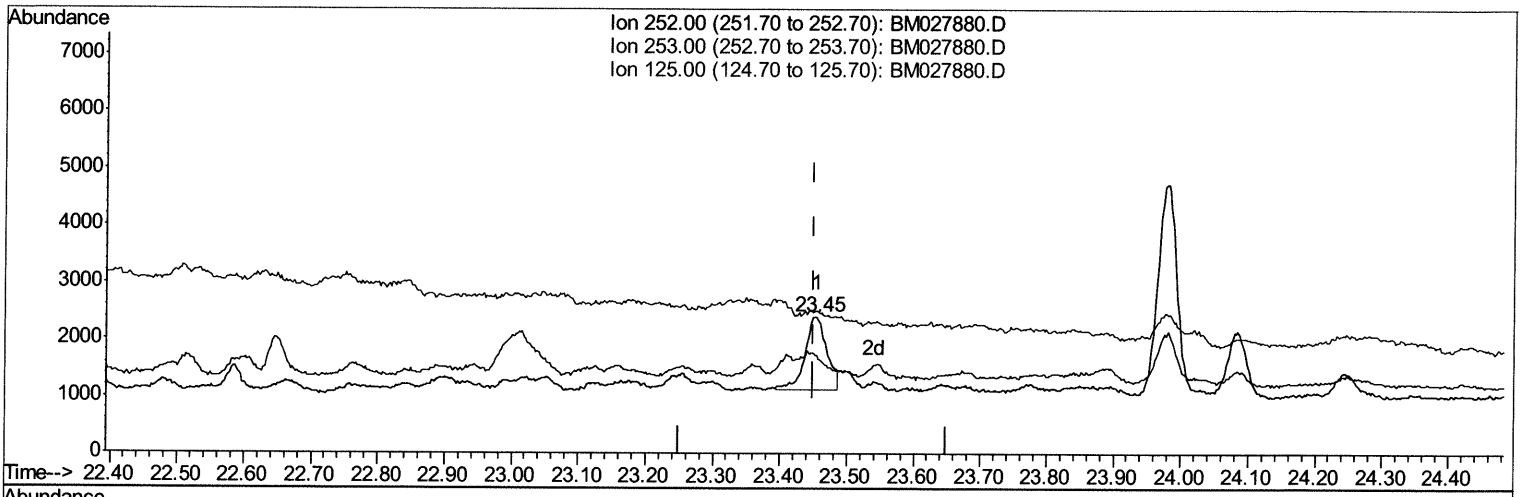
Quantitation Report (Qedit)

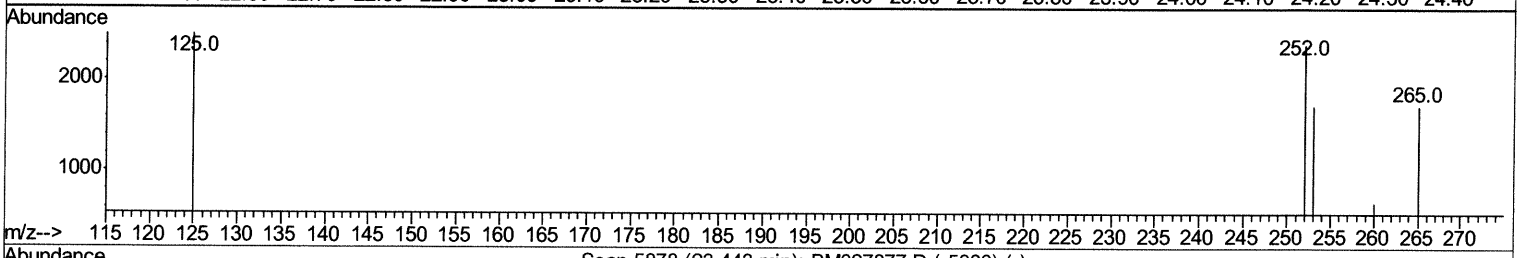
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027880.D
Acq On : 21 Nov 2020 14:21
Operator : JU/CG
Sample : L4854-01DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

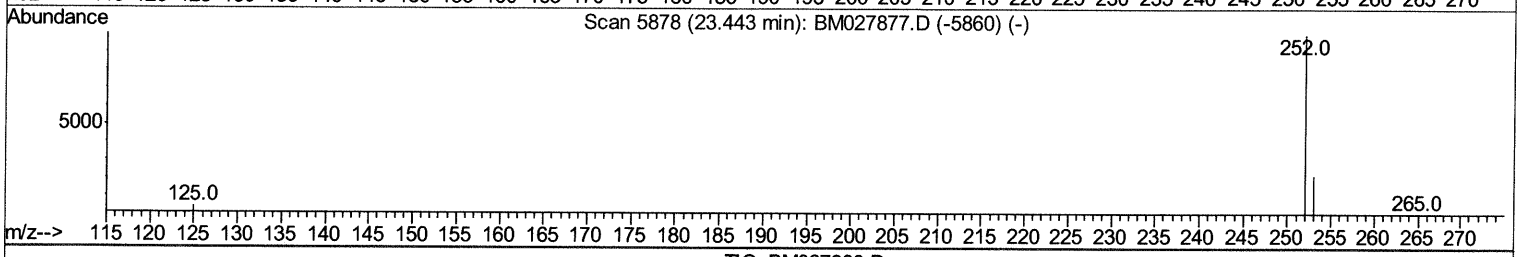
Quant Time: Nov 23 09:12:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 17:20:22 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AD0DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:39 AM







TIC: BM027880.D

(21) Benzo(b)fluoranthene

23.455min (+0.005) 0.26ng/ul m 11/27/20 JU

response 2927

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	71.60#
125.00	14.20	104.38#
0.00	0.00	0.00

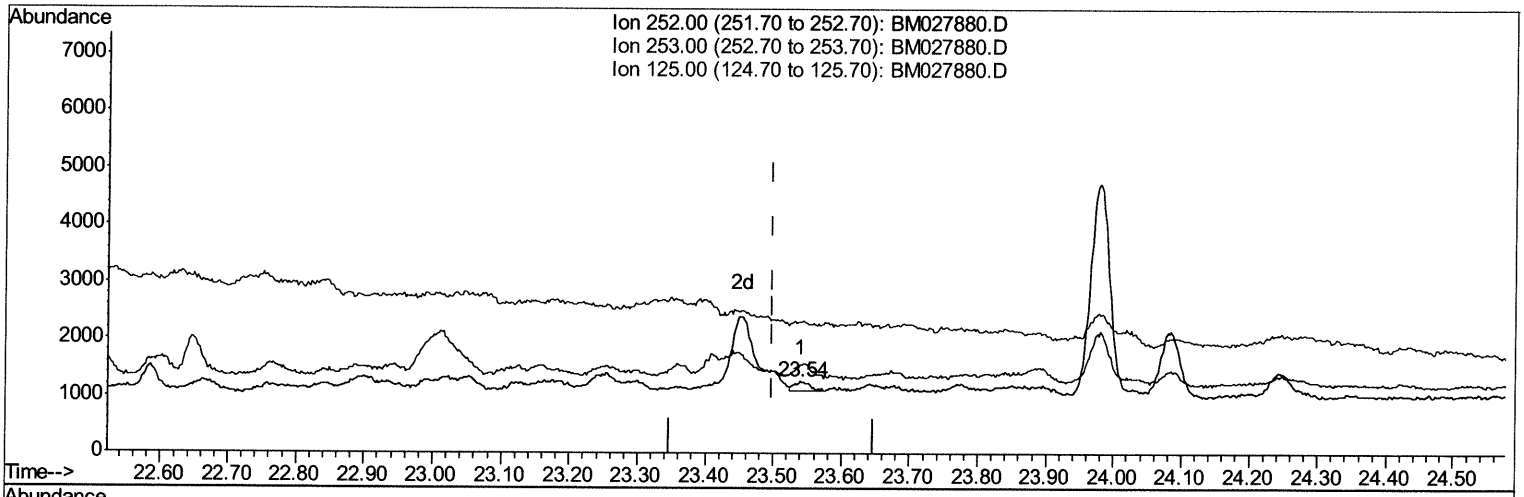
Quantitation Report (Qedit)

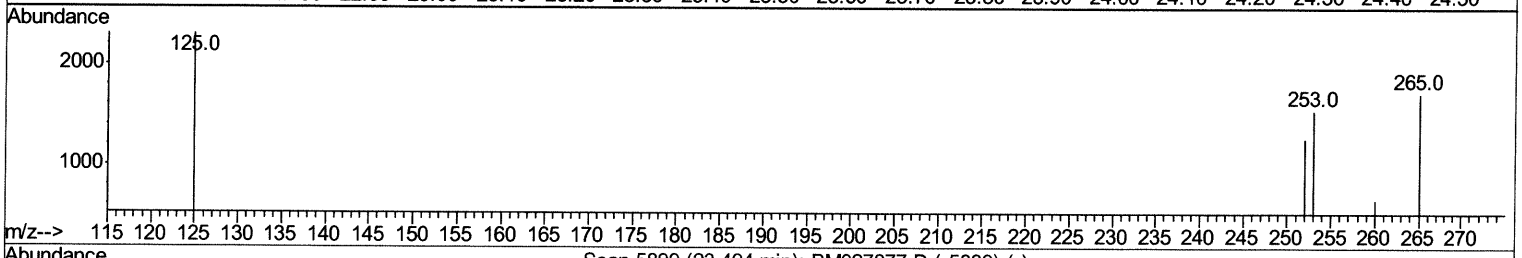
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027880.D
Acq On : 21 Nov 2020 14:21
Operator : JU/CG
Sample : L4854-01DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

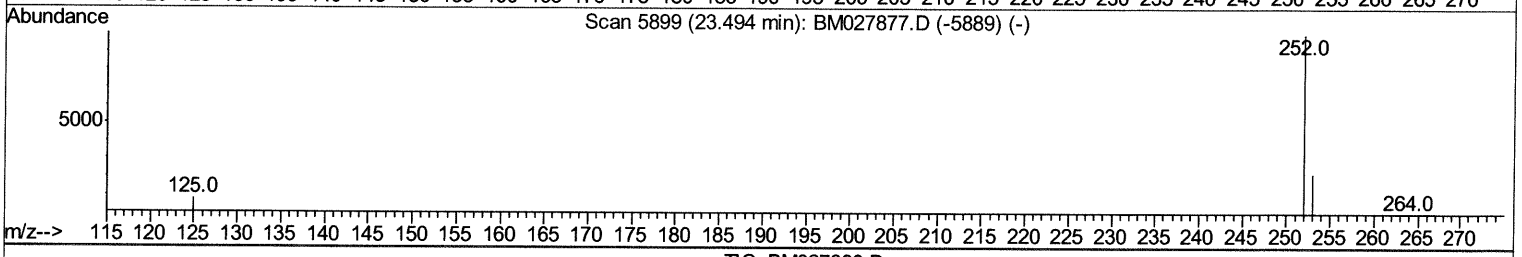
Quant Time: Nov 23 09:12:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 17:20:22 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AD0DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:39 AM







TIC: BM027880.D

(22) Benzo(k)fluoranthene

23.540min (+0.041) 0.03ng/ul

response 288

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	122.58#
125.00	14.70	182.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027880.D
Acq On : 21 Nov 2020 14:21
Operator : JU/CG
Sample : L4854-01DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 23 09:12:44 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 : Fri Nov 20 17:20:22 2020
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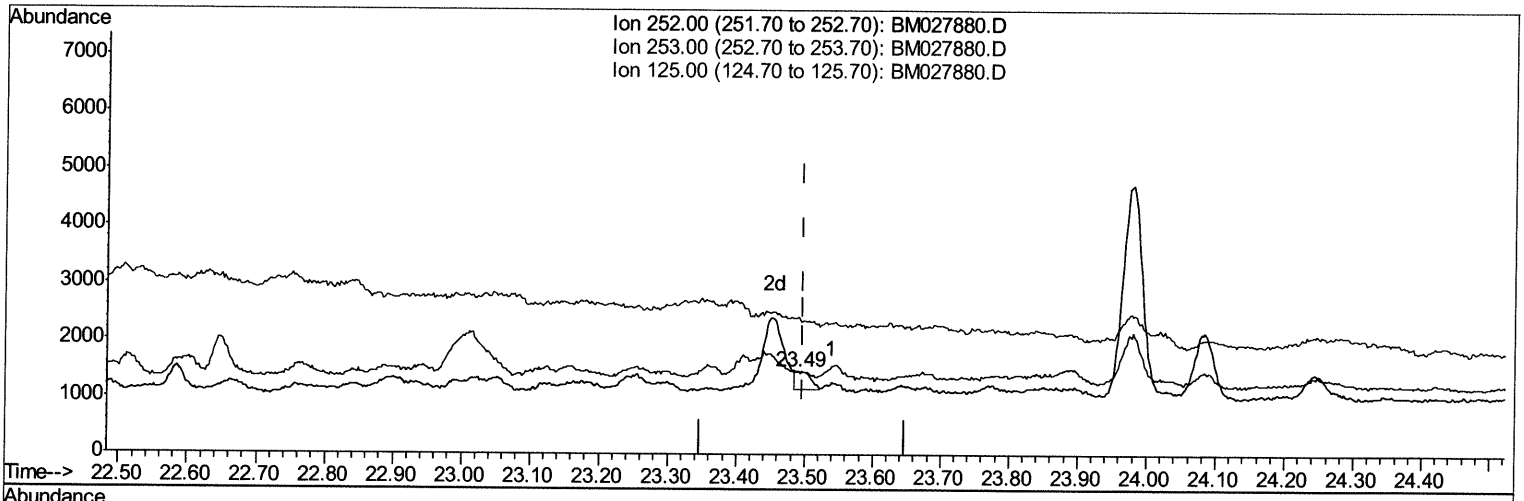
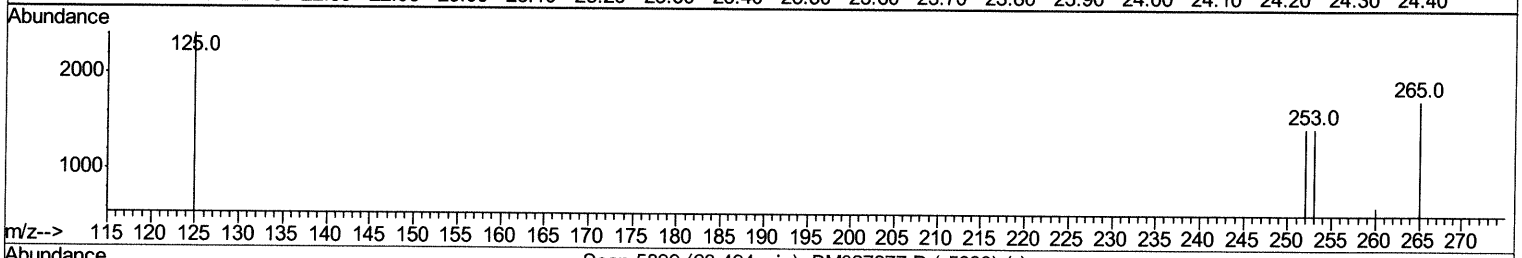
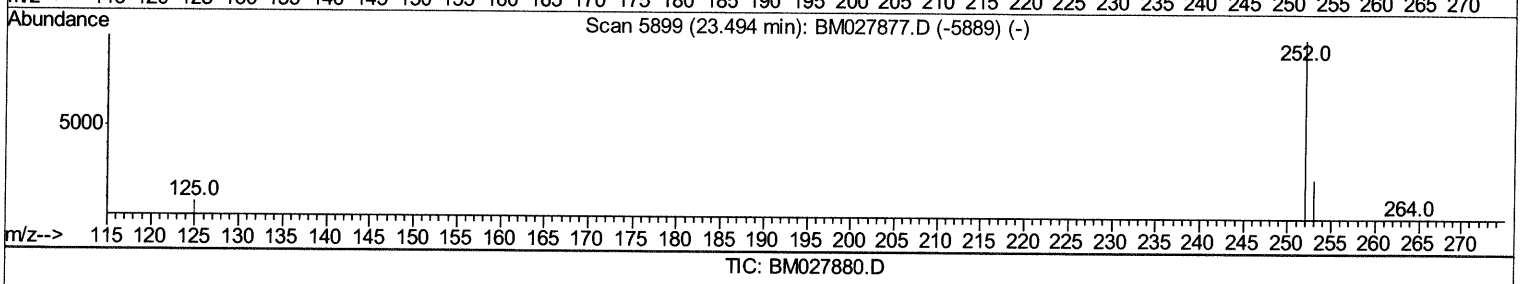
Instrument :
BNA_M
ClientSampleId :
C0AD0DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:39 AM







TIC: BM027880.D

(22) Benzo(k)fluoranthene

23.491min (-0.007) 0.04ng/ul m 11/27/20 JU

response 491

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	100.21#
125.00	14.70	165.80#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027880.D
Acq On : 21 Nov 2020 14:21
Operator : JU/CG
Sample : L4854-01DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD0DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:39 AM

Quant Time: Nov 23 09:14:30 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 : Fri Nov 20 17:20:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1084	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4389	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2719	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5218	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	3276	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2696	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	215	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	319	0.02	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	8664	0.659	ng/ul#	96
5) 2-Methylnaphthalene	12.81	142	23273	2.601	ng/ul	99
7) Acenaphthylene	14.67	152	2132	0.161	ng/ul#	1
8) Acenaphthene	15.01	153	5560	0.559	ng/ul#	85
9) Fluorene	15.98	166	7742	0.671	ng/ul#	90
12) Phenanthrene	17.71	178	75578	4.585	ng/ul	98
13) Anthracene	17.80	178	7807m	0.491	ng/ul	11/27/20 JU
15) Fluoranthene	19.68	202	11837	0.648	ng/ul	91
17) Pyrene	20.04	202	68811	4.136	ng/ul	97
18) Benzo(a)anthracene	21.75	228	5896	0.446	ng/ul#	20
19) Chrysene	21.81	228	7741	0.601	ng/ul#	56
21) Benzo(b)fluoranthene	23.45	252	2927m	0.258	ng/ul	11/27/20 JU
22) Benzo(k)fluoranthene	23.49	252	491m	0.044	ng/ul	
23) Benzo(a)pyrene	24.08	252	2368	0.239	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.68	276	1149	0.107	ng/ul#	57
25) Dibenzo(a,h)anthracene	26.68	278	604	0.068	ng/ul#	1
26) Benzo(g,h,i)perylene	27.46	276	2036	0.226	ng/ul#	47

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