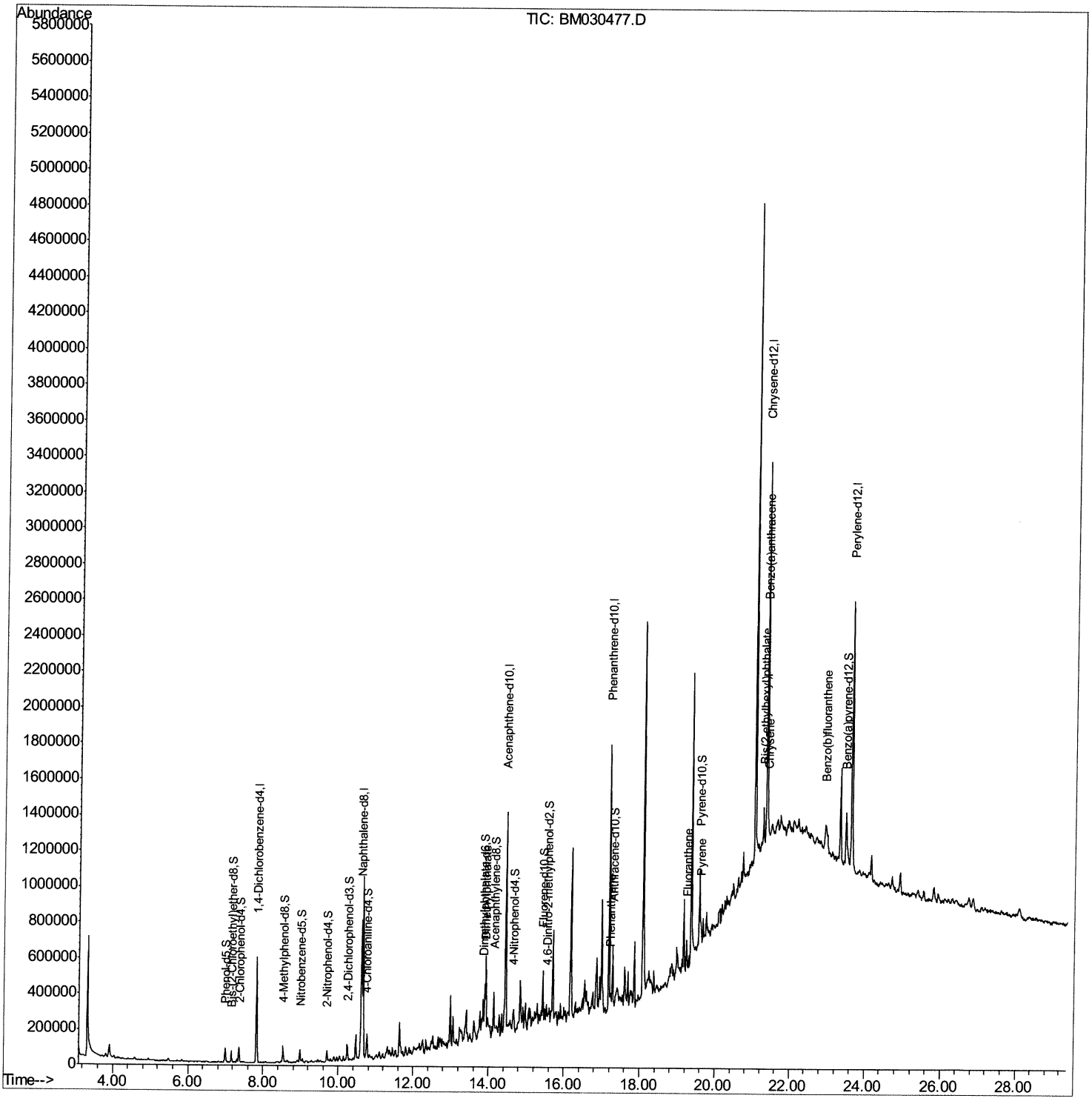
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030477.D
Acq On : 16 Jun 2021 21:46
Operator : CG/JU
Sample : M2596-05DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 17 08:16:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 18:05:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG5Q1DL

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:24 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030477.D
Acq On : 16 Jun 2021 21:46
Operator : CG/JU
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Quant Time: Jun 17 04:12:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 18:05:47 2021
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Manual Integrations APPROVED
mohammad
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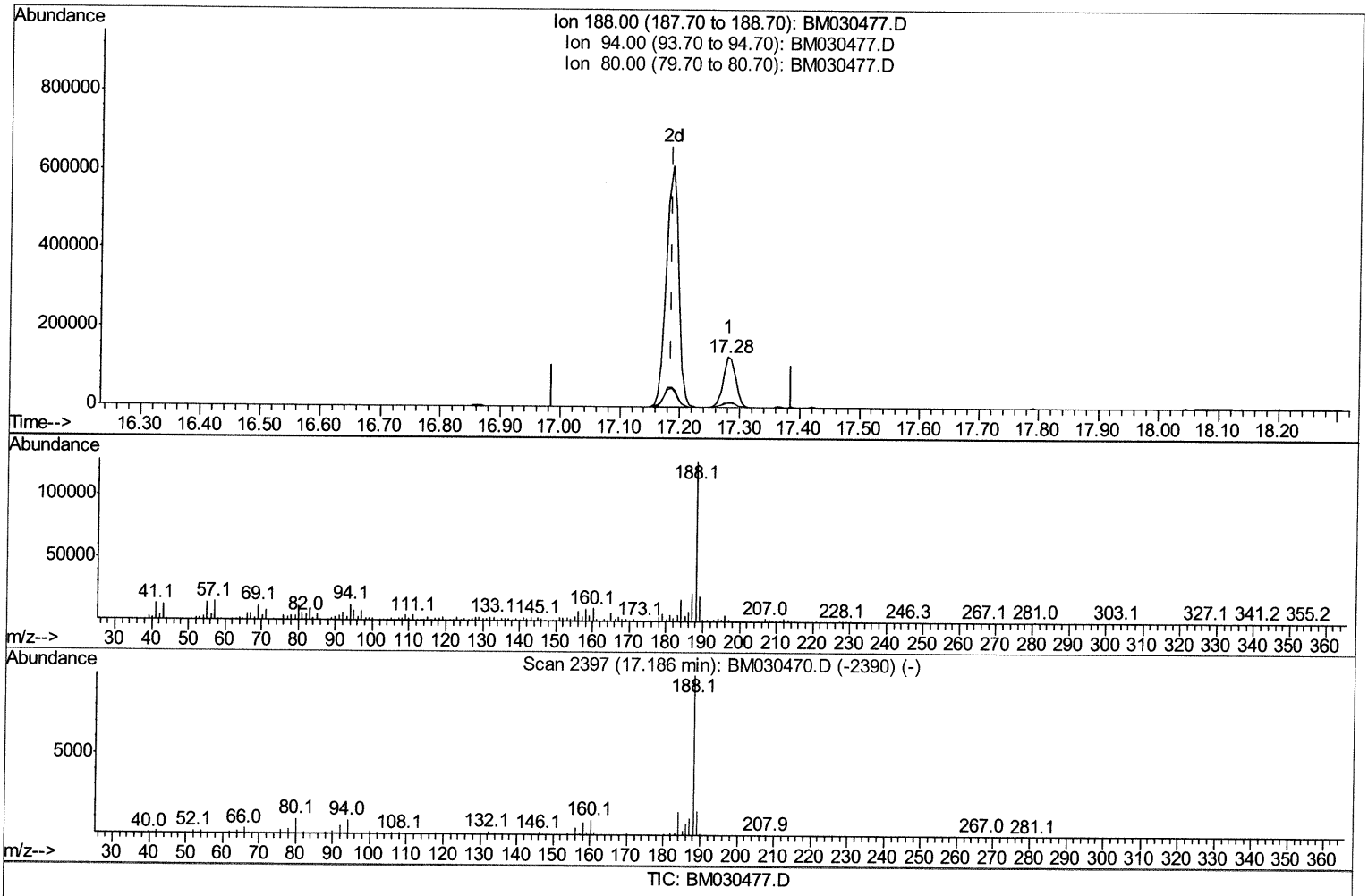

TIC: BM030477.D

(64) Phenanthrene-d10 (I)

17.280min (+0.094) 20.00ng/ul

response 182546

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	9.77
80.00	10.70	8.90
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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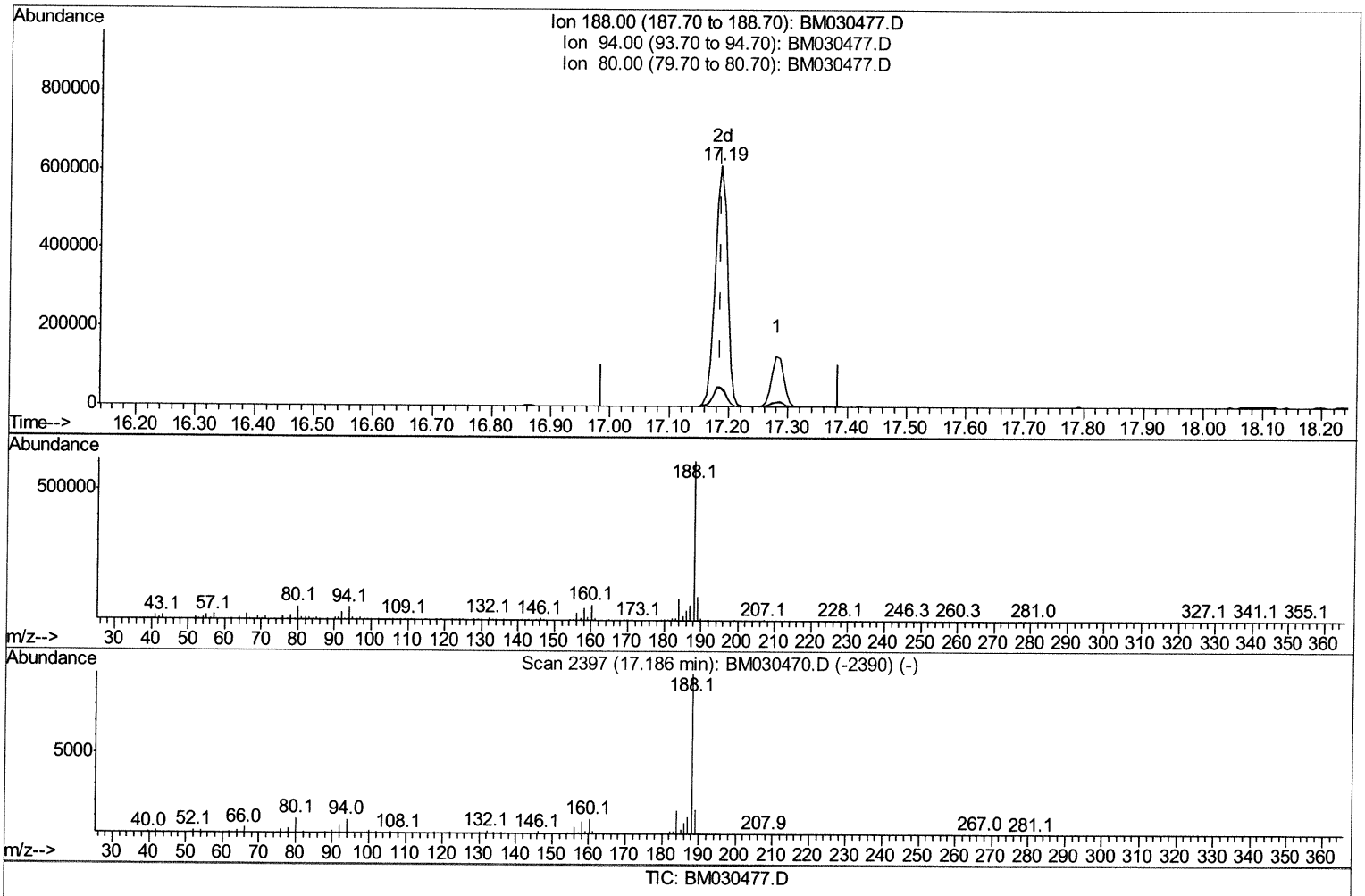


TIC: BM030477.D

(64) Phenanthrene-d10 (I)

17.186min (+0.000) 20.00ng/ul m 06/18/21 JU

response 872604

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	7.96#
80.00	10.70	8.41#
0.00	0.00	0.00

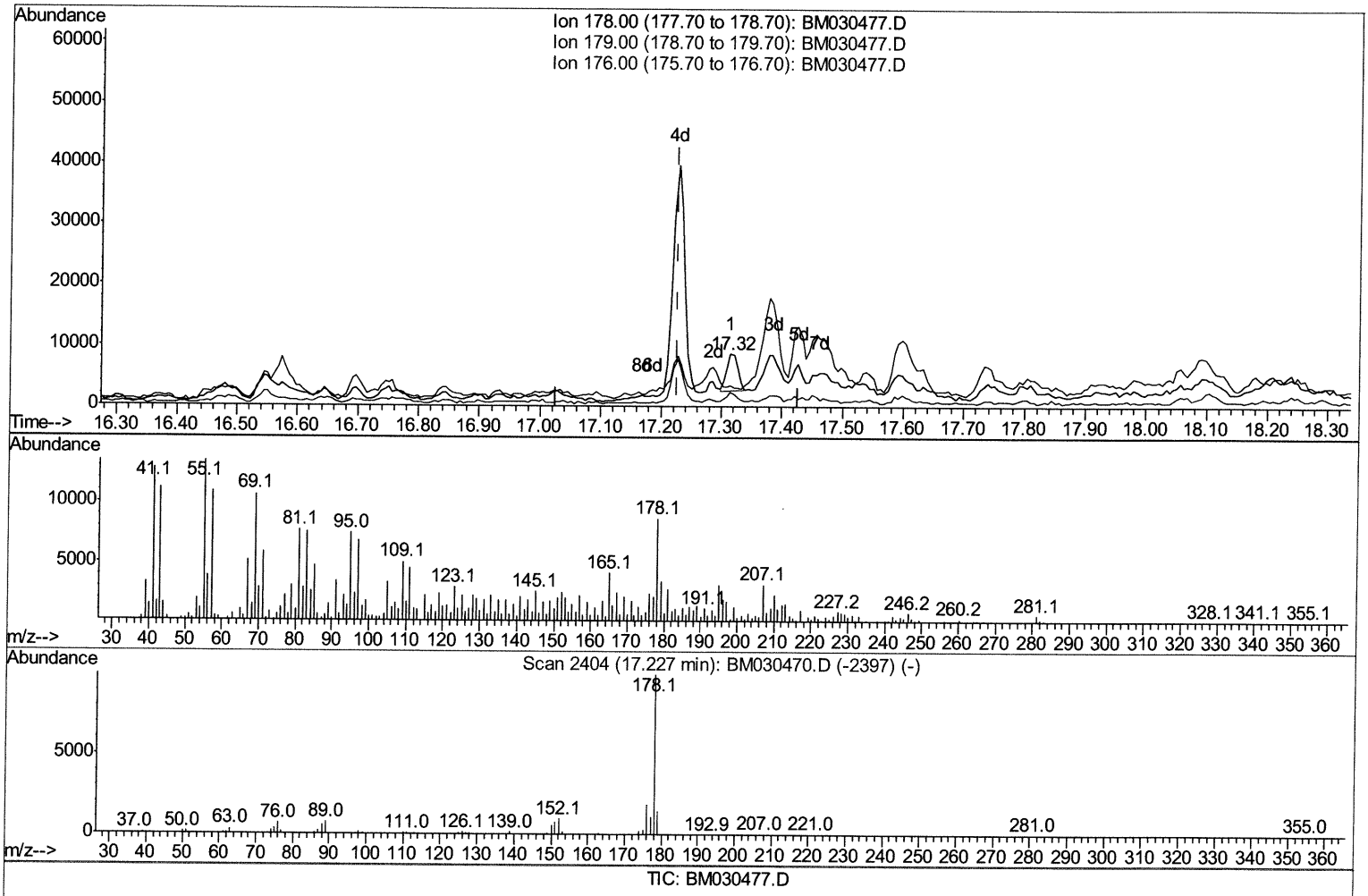
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030477.D
Acq On : 16 Jun 2021 21:46
Operator : CG/JU
Sample : M2596-05DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 17 05:36:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 18:05:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG5Q1DL

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:24 PM



TIC: BM030477.D

(72) Phenanthrene

17.315min (+0.088) 0.17ng/ul

response 7911

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	40.03#
176.00	18.80	27.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
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Operator : CG/JU
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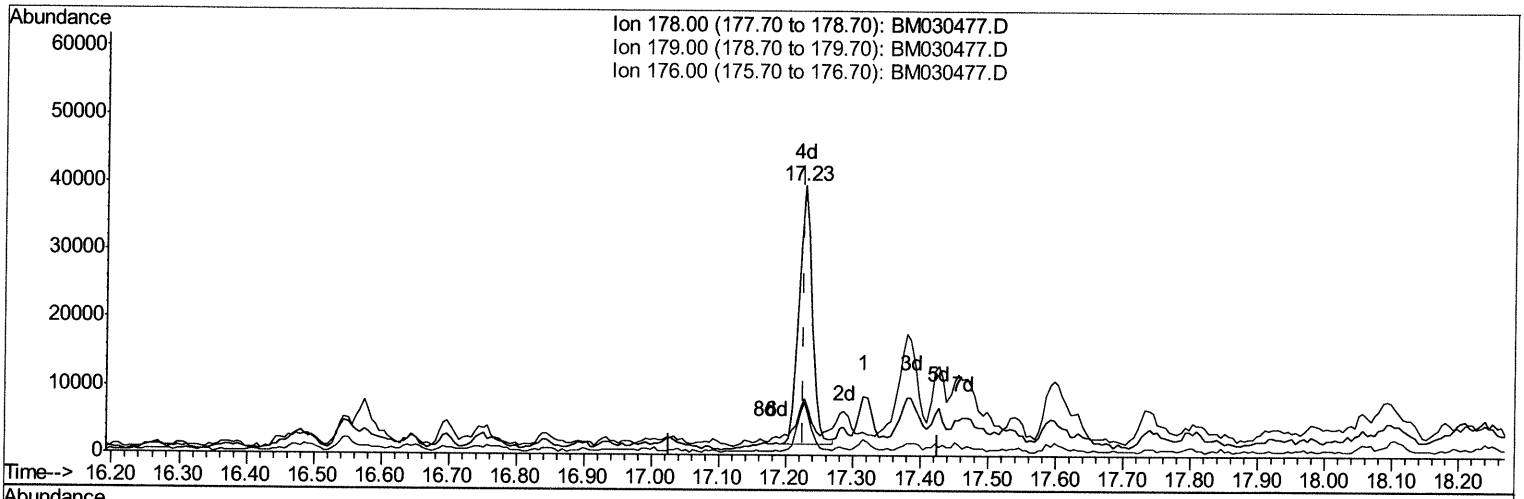
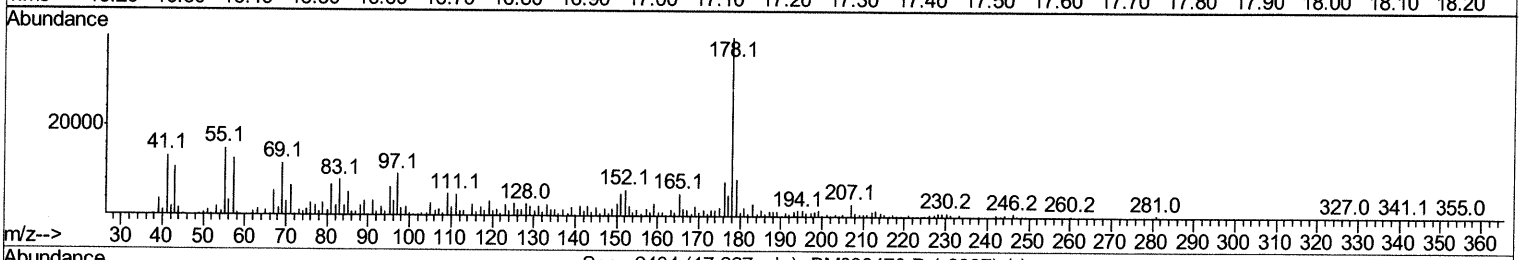
Misc :
ALS Vial : 15 Sample Multiplier: 1

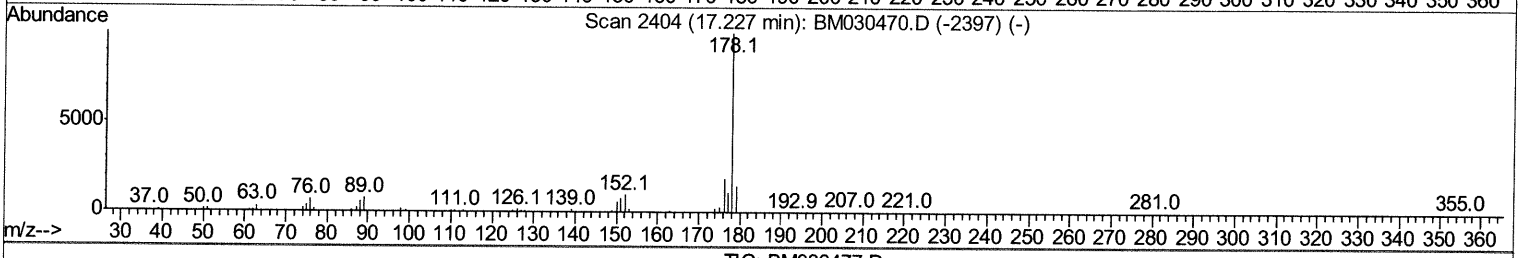
Quant Time: Jun 17 05:36:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 18:05:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG5Q1DL

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:24 PM







TIC: BM030477.D

(72) Phenanthrene

17.227min (+0.000) 1.12ng/ul m 06/18/21 JU

response 52999

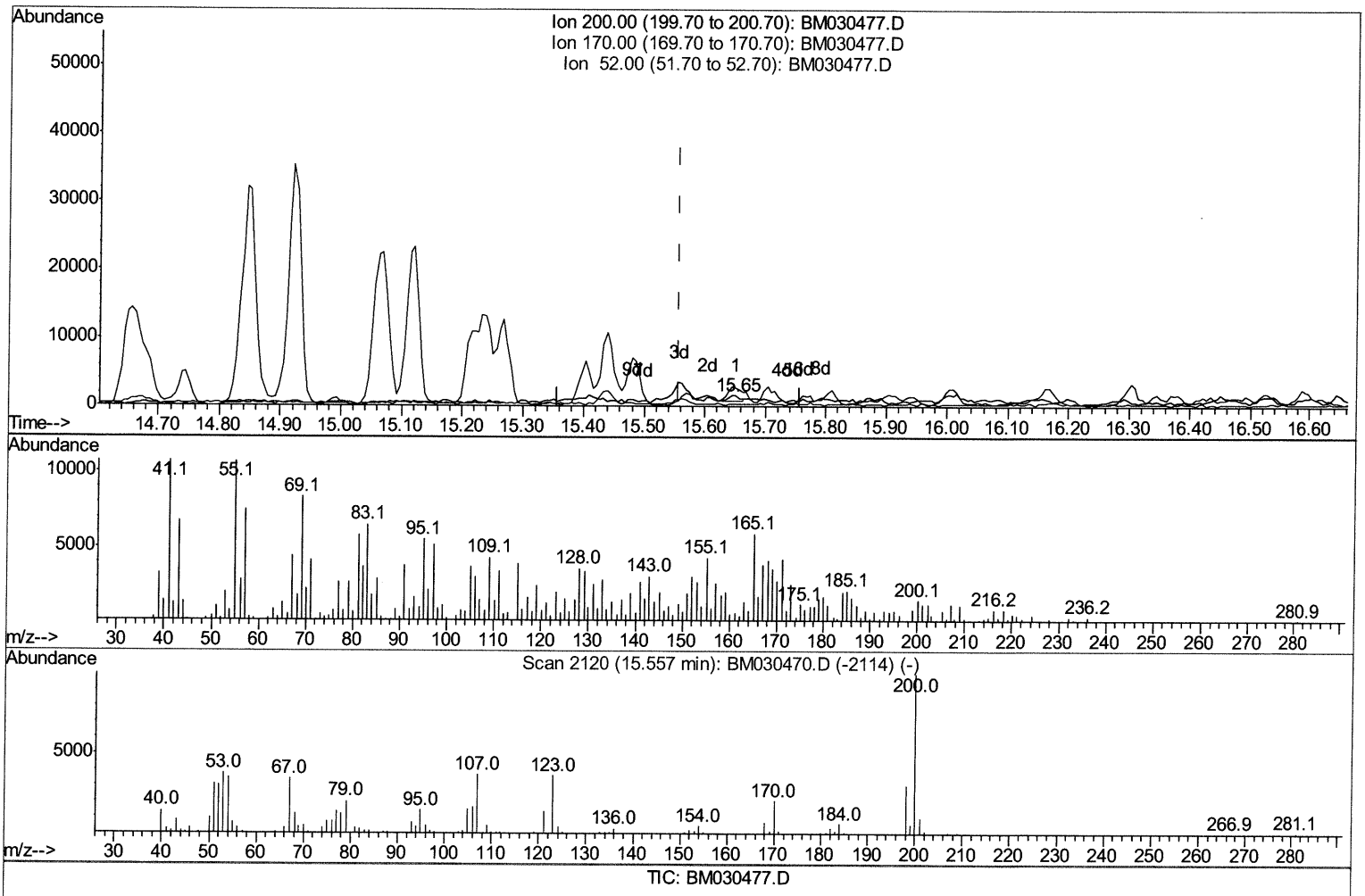
Ion	Exp%	Act%
178.00	100	100
179.00	15.20	20.91#
176.00	18.80	19.60
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030477.D
Acq On : 16 Jun 2021 21:46
Operator : CG/JU
Sample : M2596-05DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 17 05:38:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 18:05:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG5Q1DL

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:24 PM



TIC: BM030477.D

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.651min (+0.094) 0.24ng/ul

response 1221

Ion	Exp%	Act%
200.00	100	100
170.00	18.60	181.98#
52.00	48.00	20.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

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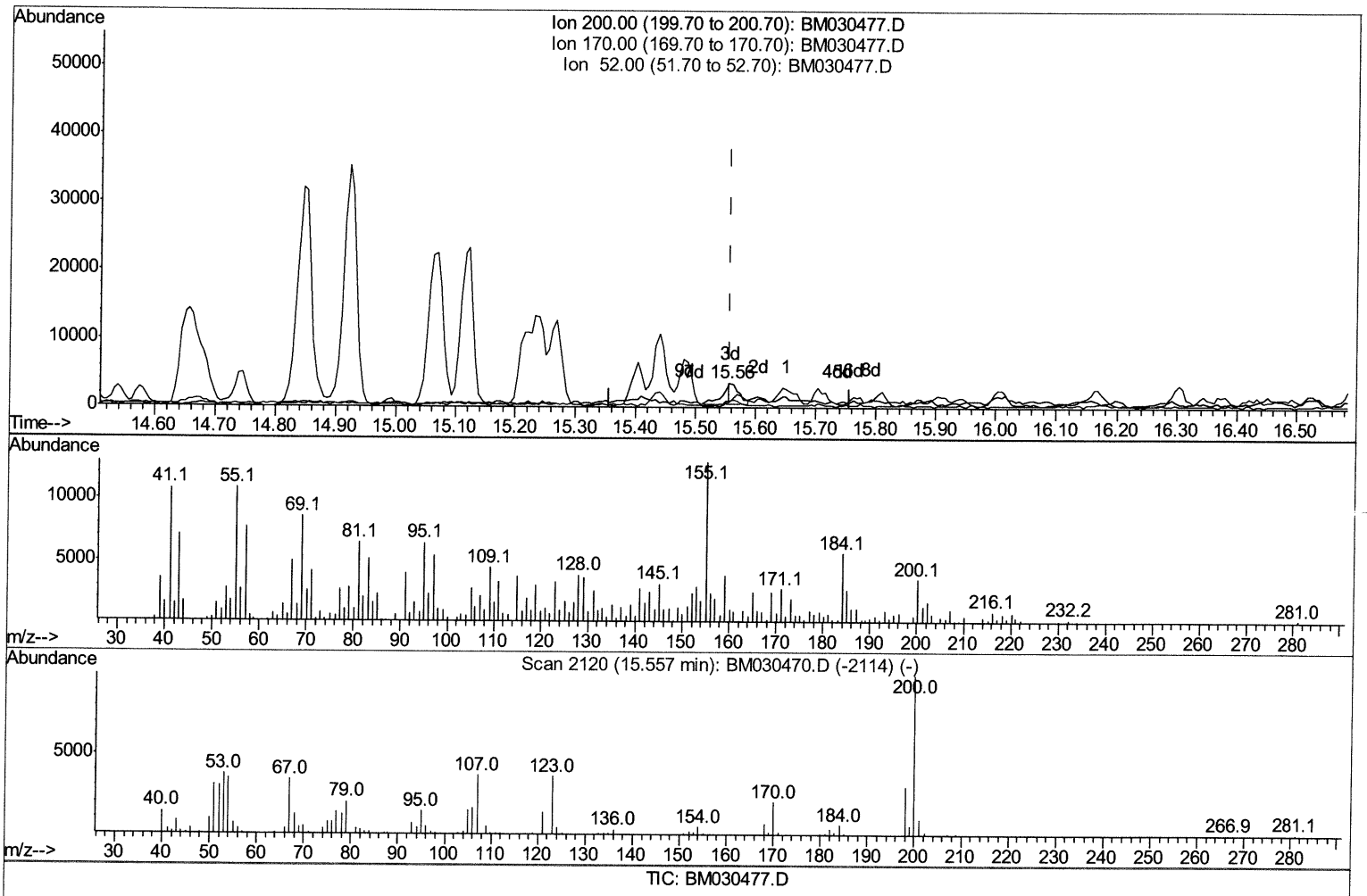
Data File : BM030477.D
Acq On : 16 Jun 2021 21:46
Operator : CG/JU
Sample : M2596-05DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 17 05:38:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 18:05:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG5Q1DL

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:24 PM



(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.557min (+0.000) 1.16ng/ul m 06/18/21 JU

response 5831

Ion	Exp%	Act%
200.00	100	100
170.00	18.60	24.80#
52.00	48.00	29.19#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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Acq On : 16 Jun 2021 21:46
Operator : CG/JU
Sample : M2596-05DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG5Q1DL

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:24 PM

Quant Time: Jun 17 08:16:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	166920	20.00	ng/ul	0.00
20) Naphthalene-d8	10.61	136	640147	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.45	164	404915	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.19	188	872604m >	20.00	ng/ul >	0.00 06/18/21 JU
79) Chrysene-d12	21.35	240	970497	20.00	ng/ul	0.00
88) Perylene-d12	23.62	264	1055106	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	7.00	99	46155	3.18	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.16	67	30192	3.22	ng/ul	0.00
11) 2-Chlorophenol-d4	7.36	132	41167	3.92	ng/ul	0.00
15) 4-Methylphenol-d8	8.53	113	39006	3.37	ng/ul	0.00
21) Nitrobenzene-d5	8.98	128	18251	4.17	ng/ul	0.00
24) 2-Nitrophenol-d4	9.70	143	18930	4.35	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.25	165	37960	4.00	ng/ul	0.01
31) 4-Chloroaniline-d4	10.76	131	39550	2.73	ng/ul	0.01
46) Dimethylphthalate-d6	13.86	166	125050	4.50	ng/ul	0.00
49) Acenaphthylene-d8	14.14	160	155808	4.49	ng/ul	0.00
54) 4-Nitrophenol-d4	14.66	143	14473	2.78	ng/ul	0.02
60) Fluorene-d10	15.44	176	115498	4.64	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.56	200	5831m >	1.16	ng/ul >	0.00 06/18/21 JU
73) Anthracene-d10	17.28	188	182358	4.59	ng/ul	0.00
81) Pyrene-d10	19.57	212	191769	3.78	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.47	264	199443	3.79	ng/ul	0.00
Target Compounds						Qvalue
47) Dimethylphthalate	13.90	163	154947	5.708	ng/ul#	98
72) Phenanthrene	17.23	178	52999m >	1.123	ng/ul >	06/18/21 JU
80) Fluoranthene	19.23	202	87740	1.406	ng/ul	99
82) Pyrene	19.60	202	103025	1.561	ng/ul	97
85) Benzo(a)anthracene	21.33	228	76298	1.301	ng/ul#	94
86) Bis(2-ethylhexyl)phthalate	21.26	149	57469	1.829	ng/ul#	92
87) Chrysene	21.39	228	72982	1.262	ng/ul#	94
90) Benzo(b)fluoranthene	22.94	252	104381	1.539	ng/ul#	83

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