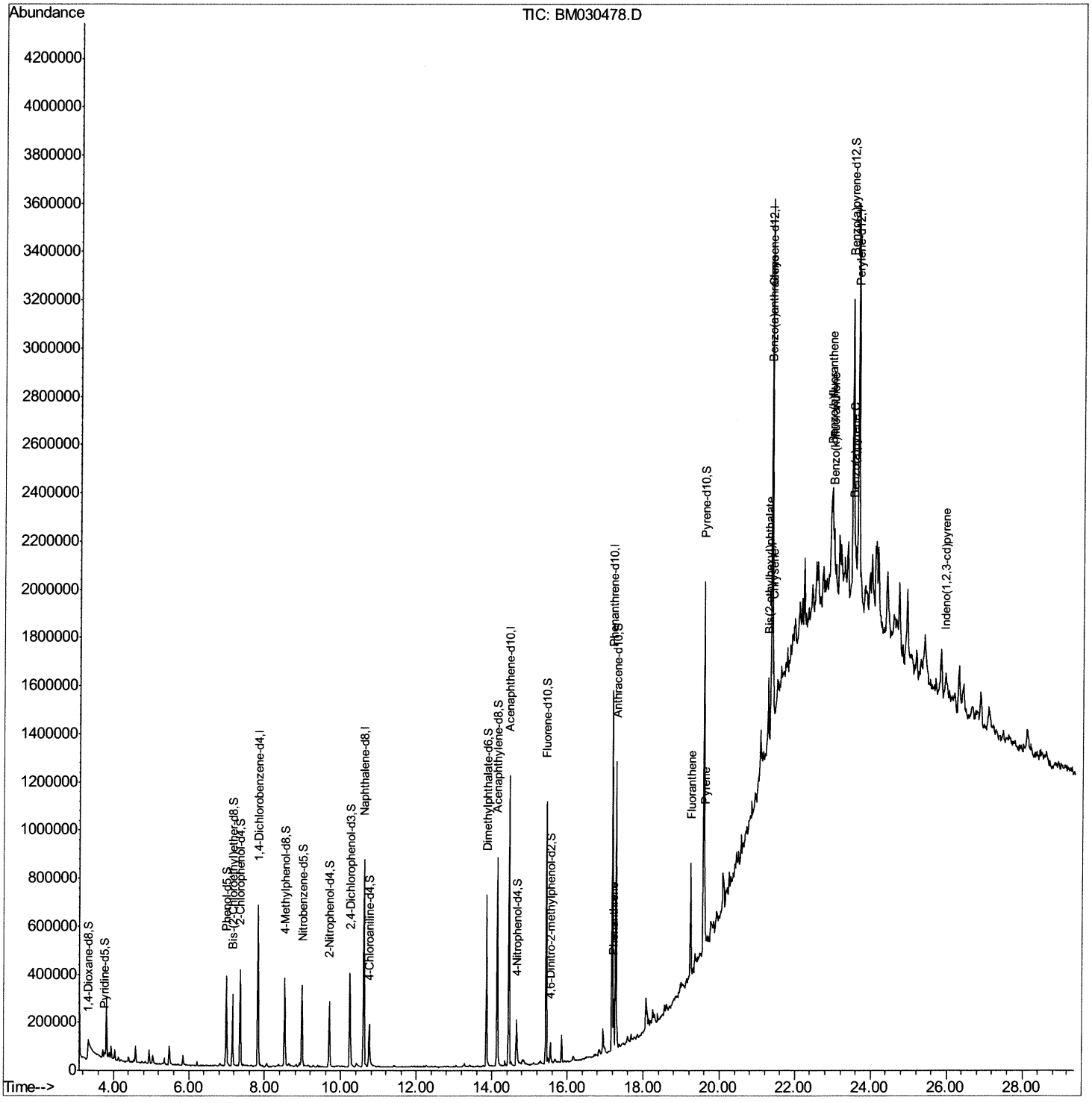
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030478.D
Acq On : 16 Jun 2021 22:23
Operator : CG/JU
Sample : M2596-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 06:00:13 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 :
BG5Q2

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:27 PM



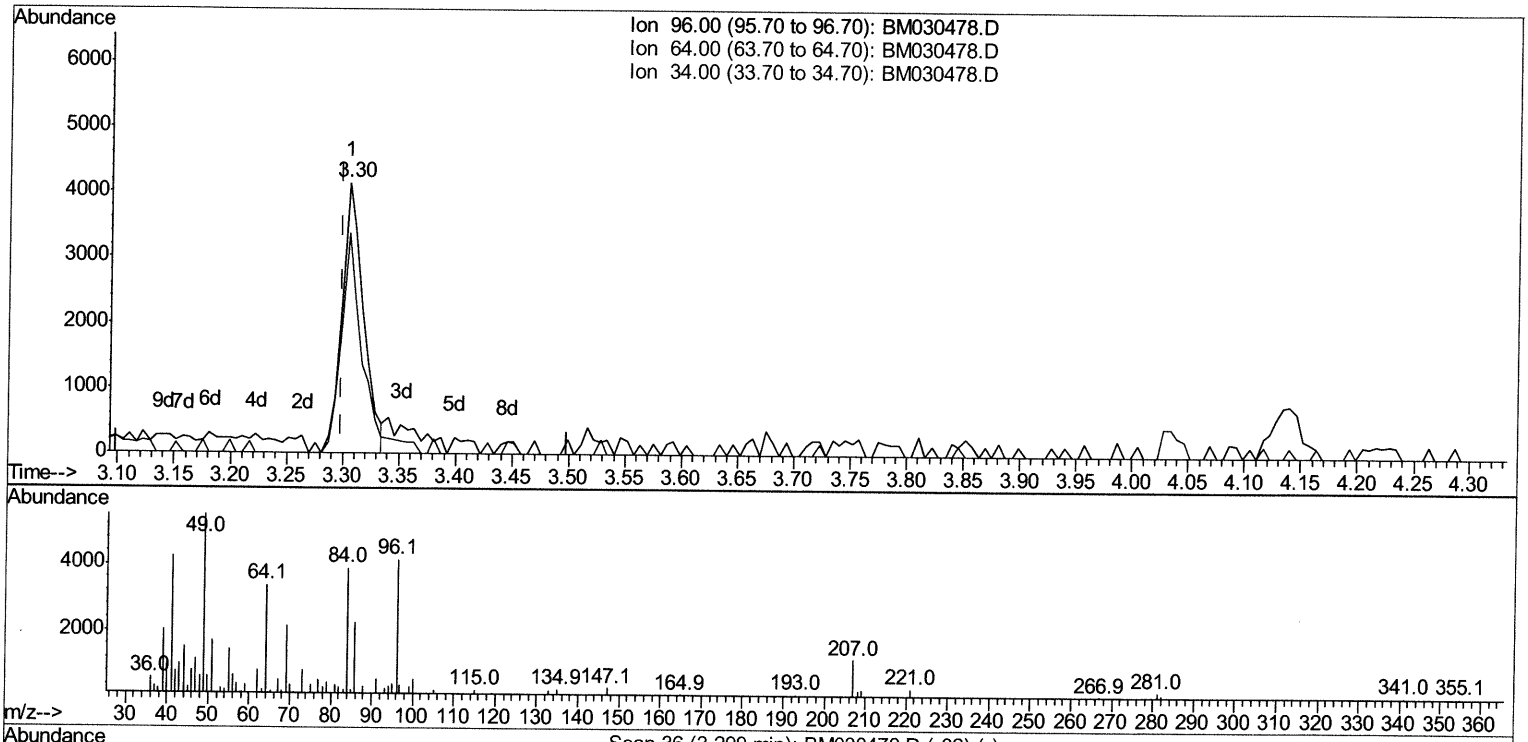
Quantitation Report (Qedit)

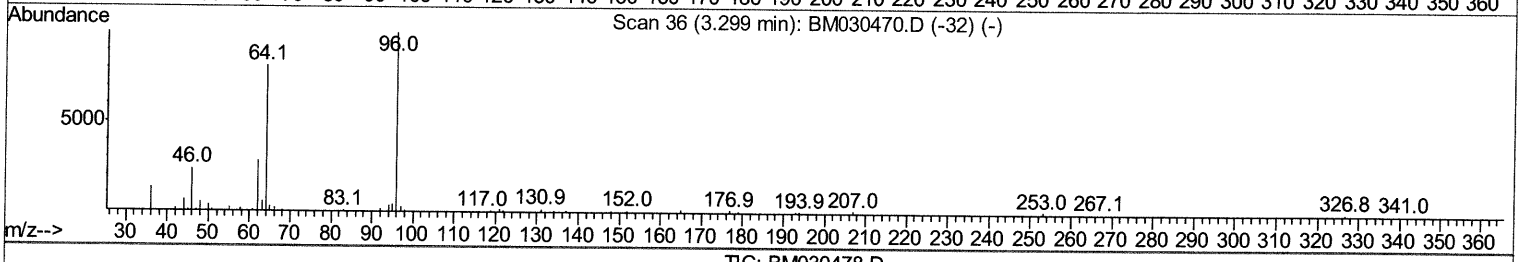
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030478.D
Acq On : 16 Jun 2021 22:23
Operator : CG/JU
Sample : M2596-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 04:12:49 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 :
BG5Q2

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:27 PM





TIC: BM030478.D

(3) 1,4-Dioxane-d8 (S)

3.305min (+0.006) 1.14ng/uL

response 5588

Ion	Exp%	Act%
96.00	100	100
64.00	72.50	81.50
34.00	0.00	0.00
0.00	0.00	0.00

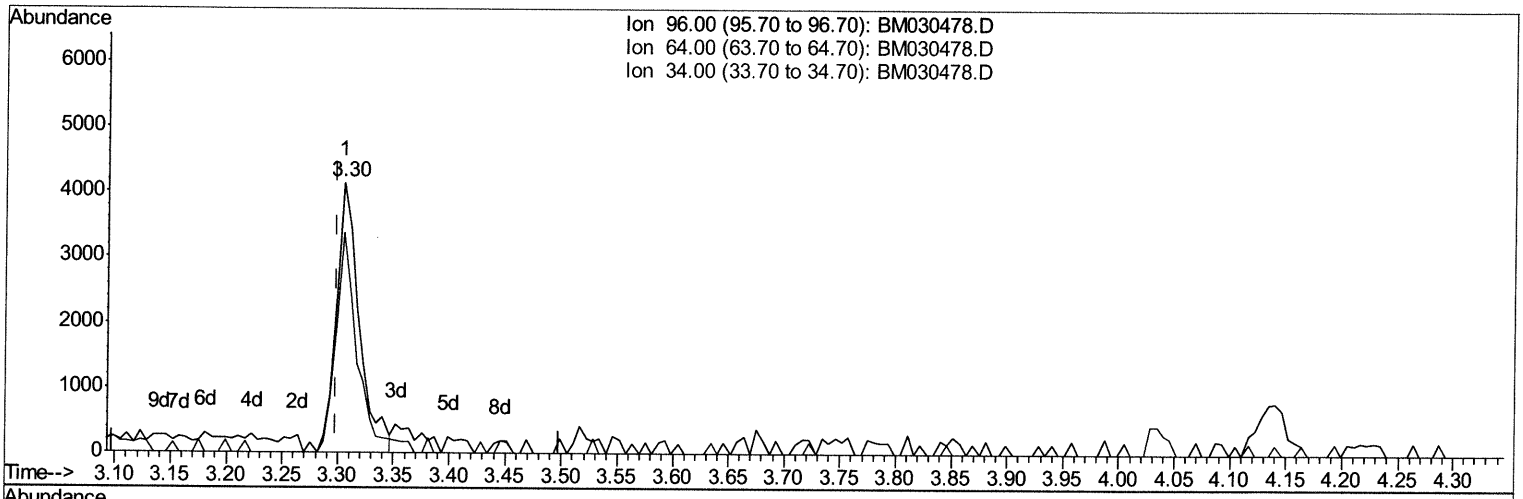
Quantitation Report (Qedit)

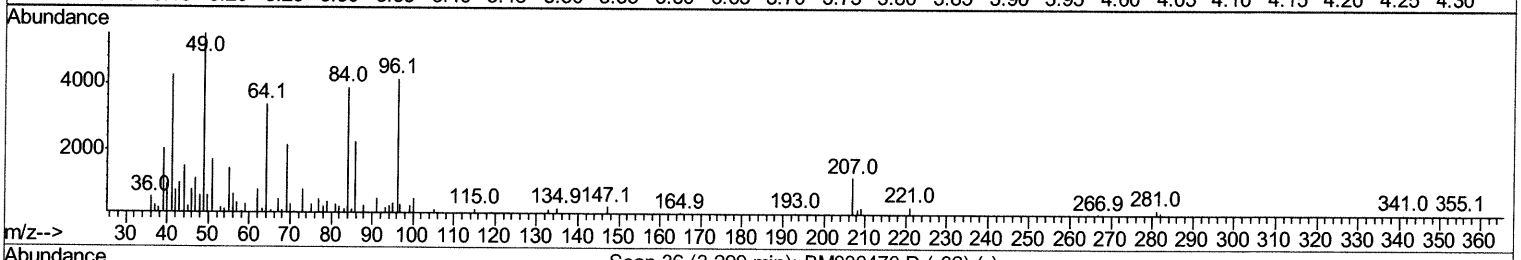
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030478.D
Acq On : 16 Jun 2021 22:23
Operator : CG/JU
Sample : M2596-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

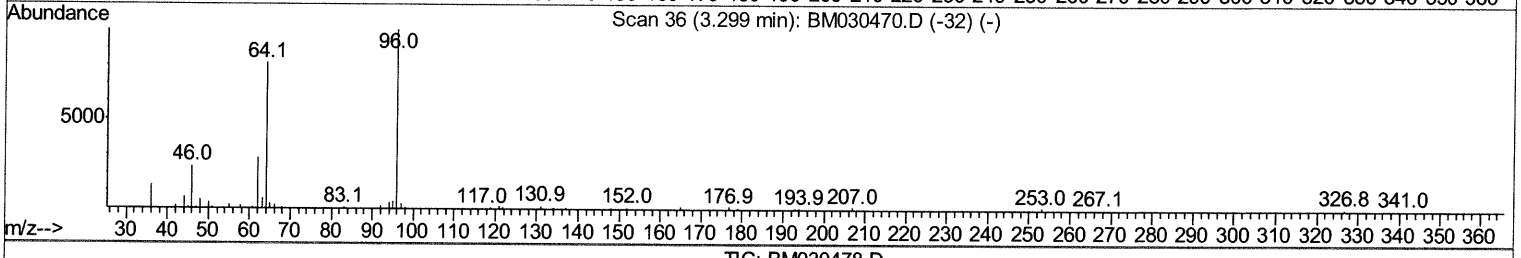
Quant Time: Jun 17 04:12:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 18:05:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG5Q2

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:27 PM







TIC: BM030478.D

(3) 1,4-Dioxane-d8 (S)

3.305min (+0.006) 1.20ng/uL m 06/18/21 JU

response 5870

Ion	Exp%	Act%
96.00	100	100
64.00	72.50	81.50
34.00	0.00	0.00
0.00	0.00	0.00

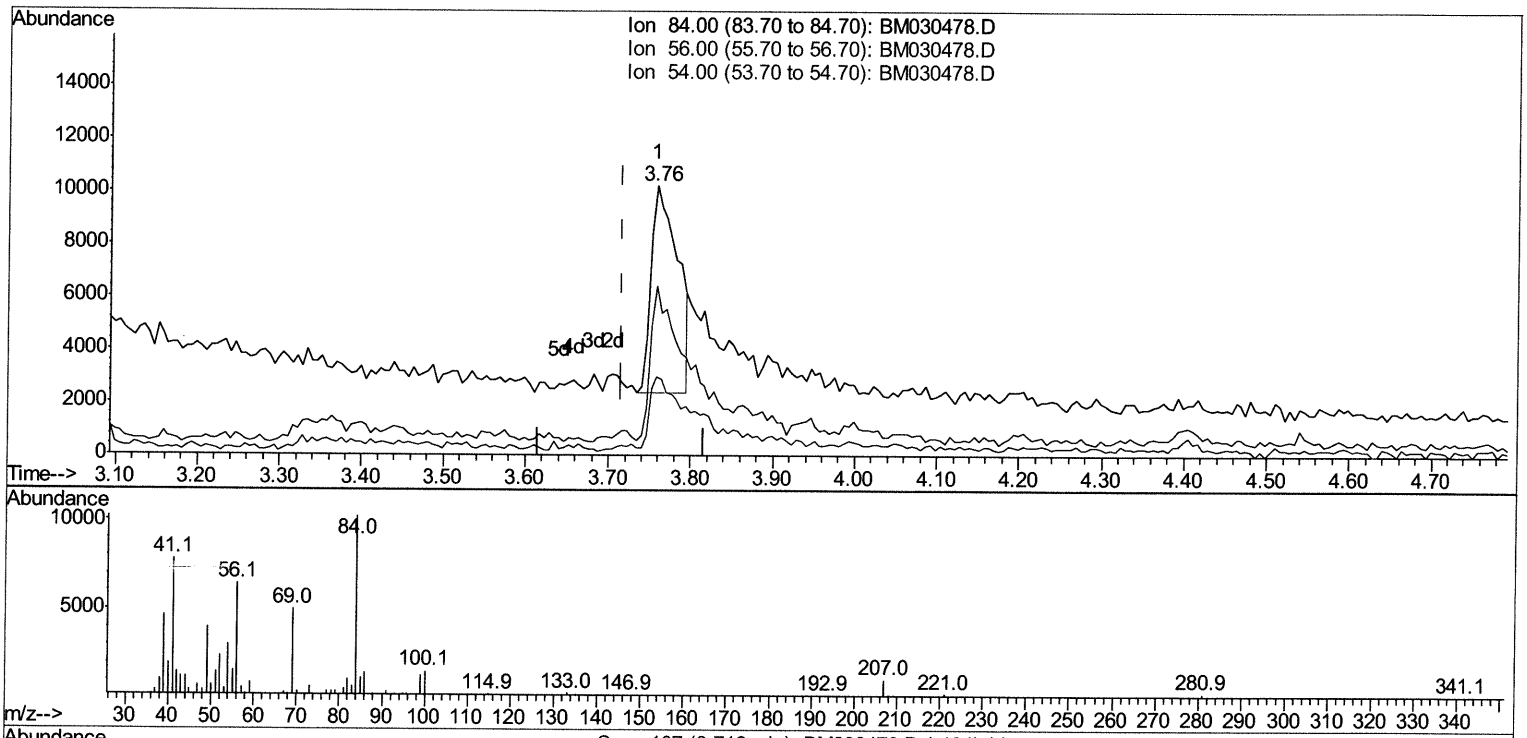
Quantitation Report (Qedit)

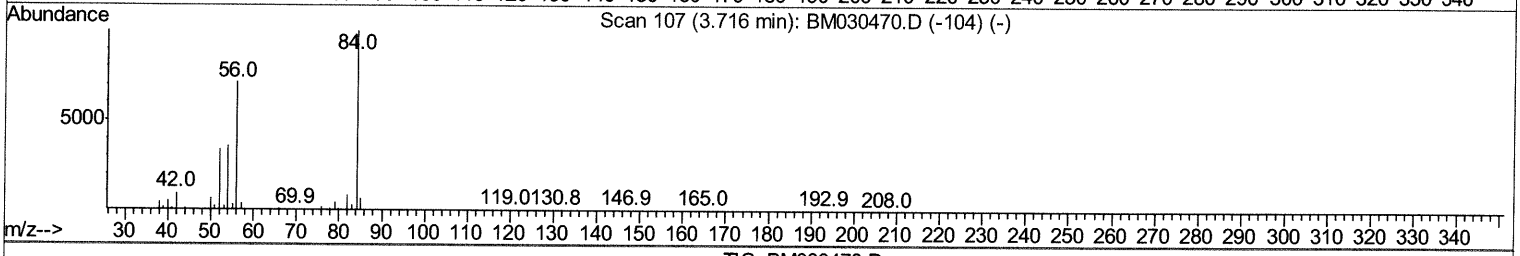
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030478.D
Acq On : 16 Jun 2021 22:23
Operator : CG/JU
Sample : M2596-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 05:55:50 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 :
BG5Q2

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:27 PM





TIC: BM030478.D

(4) Pyridine-d5 (S)

3.758min (+0.042) 1.36ng/ul

response 17478

Ion	Exp%	Act%
84.00	100	100
56.00	73.50	62.67
54.00	34.70	29.07
0.00	0.00	0.00

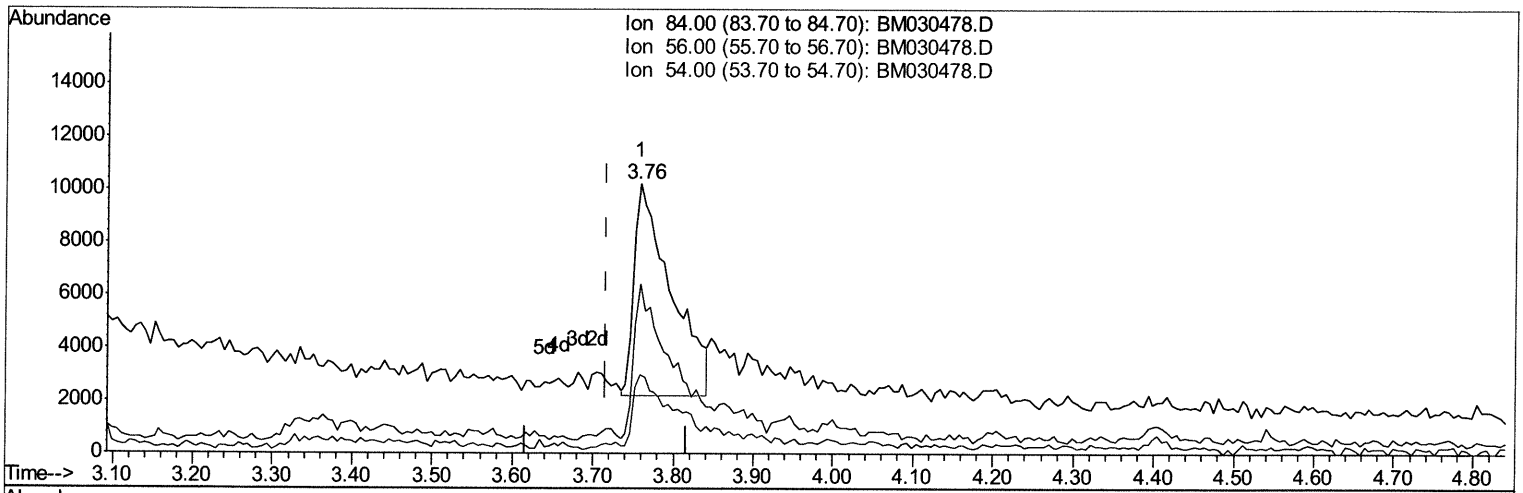
Quantitation Report (Qedit)

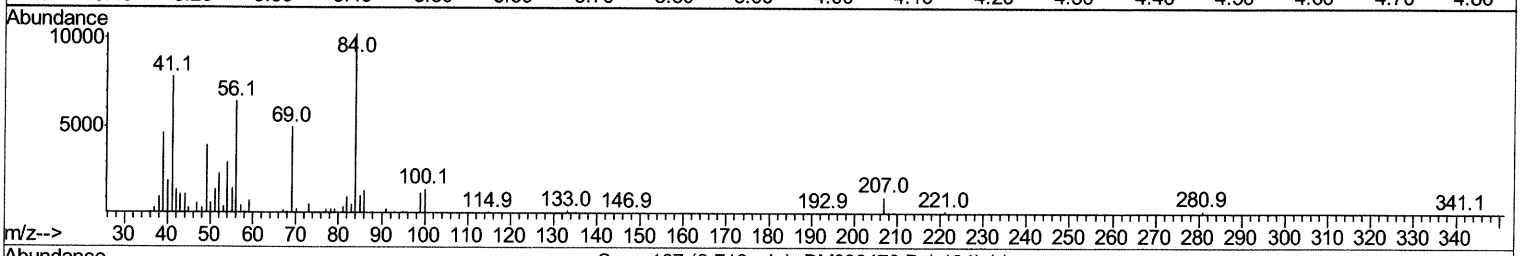
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030478.D
Acq On : 16 Jun 2021 22:23
Operator : CG/JU
Sample : M2596-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

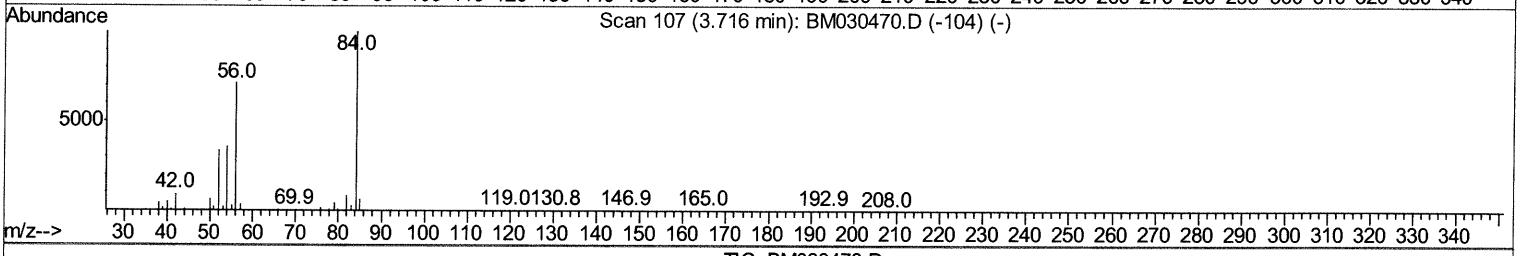
Quant Time: Jun 17 05:55:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 18:05:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG5Q2

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:27 PM







TIC: BM030478.D

(4) Pyridine-d5 (S)

3.758min (+0.042) 1.99ng/ul m 06/18/21 JU

response 25597

Ion	Exp%	Act%
84.00	100	100
56.00	73.50	62.67
54.00	34.70	29.07
0.00	0.00	0.00

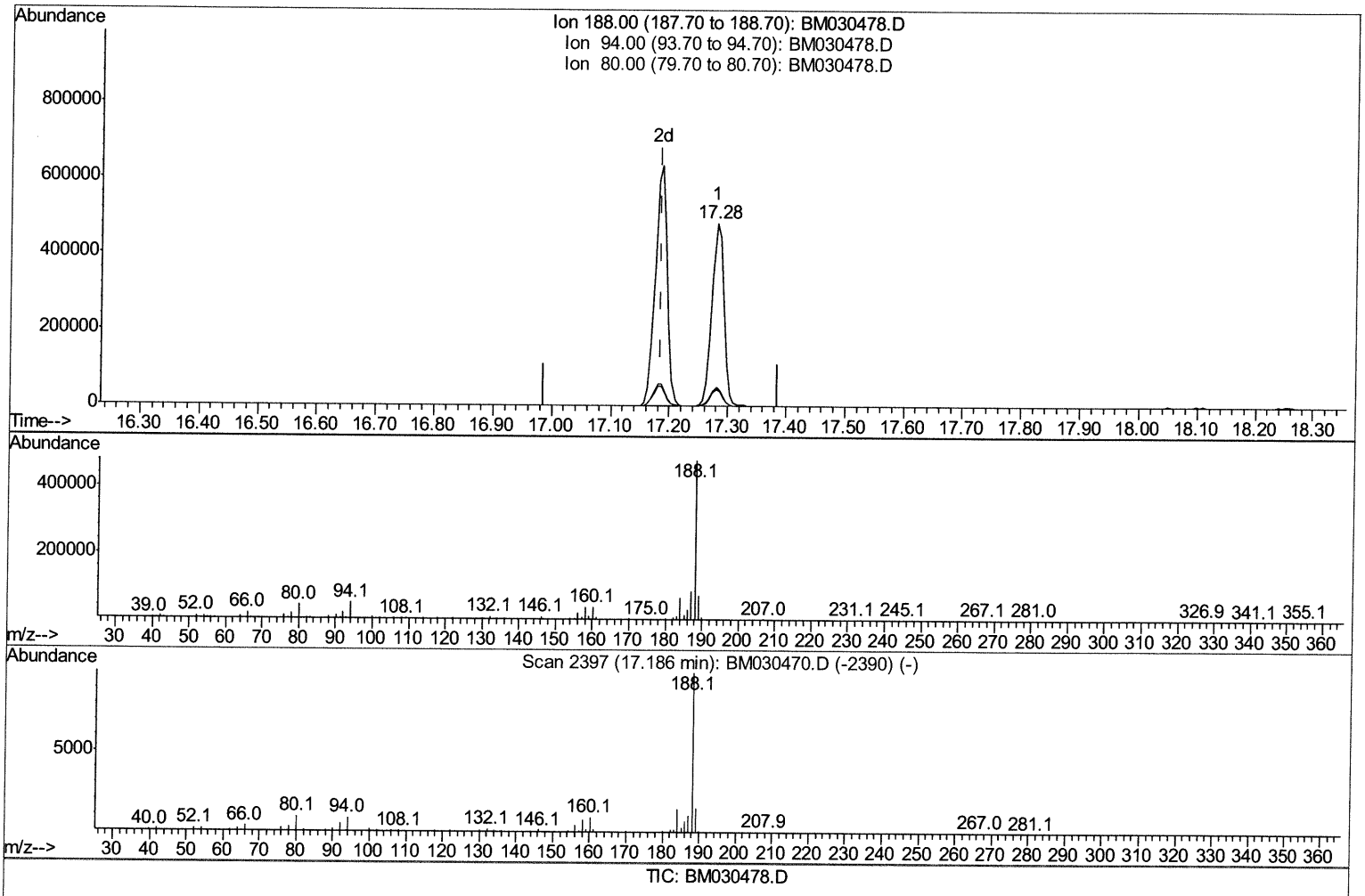
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030478.D
Acq On : 16 Jun 2021 22:23
Operator : CG/JU
Sample : M2596-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 05:56:33 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 :
BG5Q2

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:27 PM



TIC: BM030478.D

(64) Phenanthrene-d10 (I)

17.280min (+0.094) 20.00ng/ul

response 681739

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	9.99
80.00	10.70	8.76
0.00	0.00	0.00

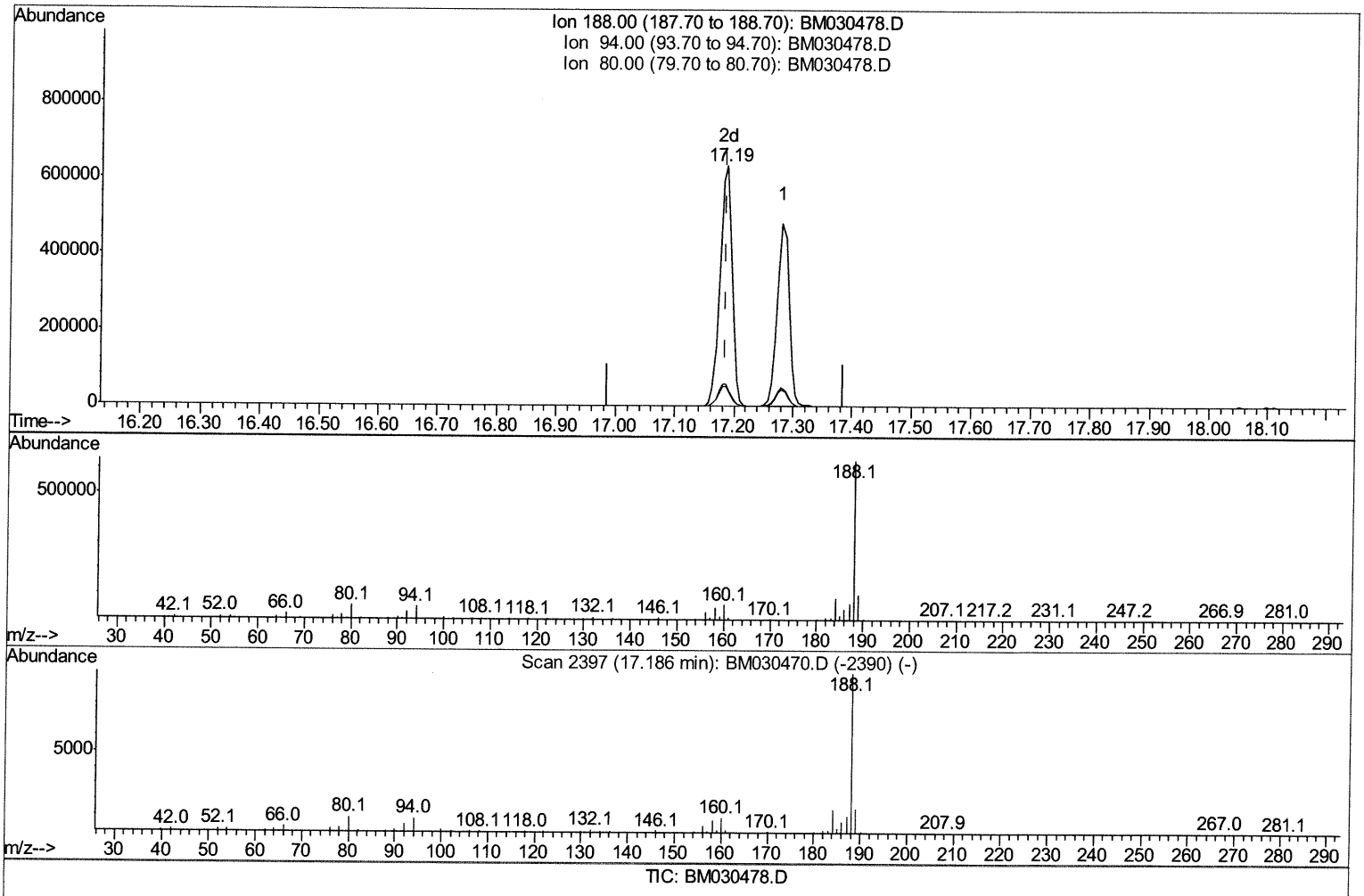
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030478.D
Acq On : 16 Jun 2021 22:23
Operator : CG/JU
Sample : M2596-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 05:56:33 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 :
BG5Q2

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:27 PM



TIC: BM030478.D

(64) Phenanthrene-d10 (I)

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

response 910905

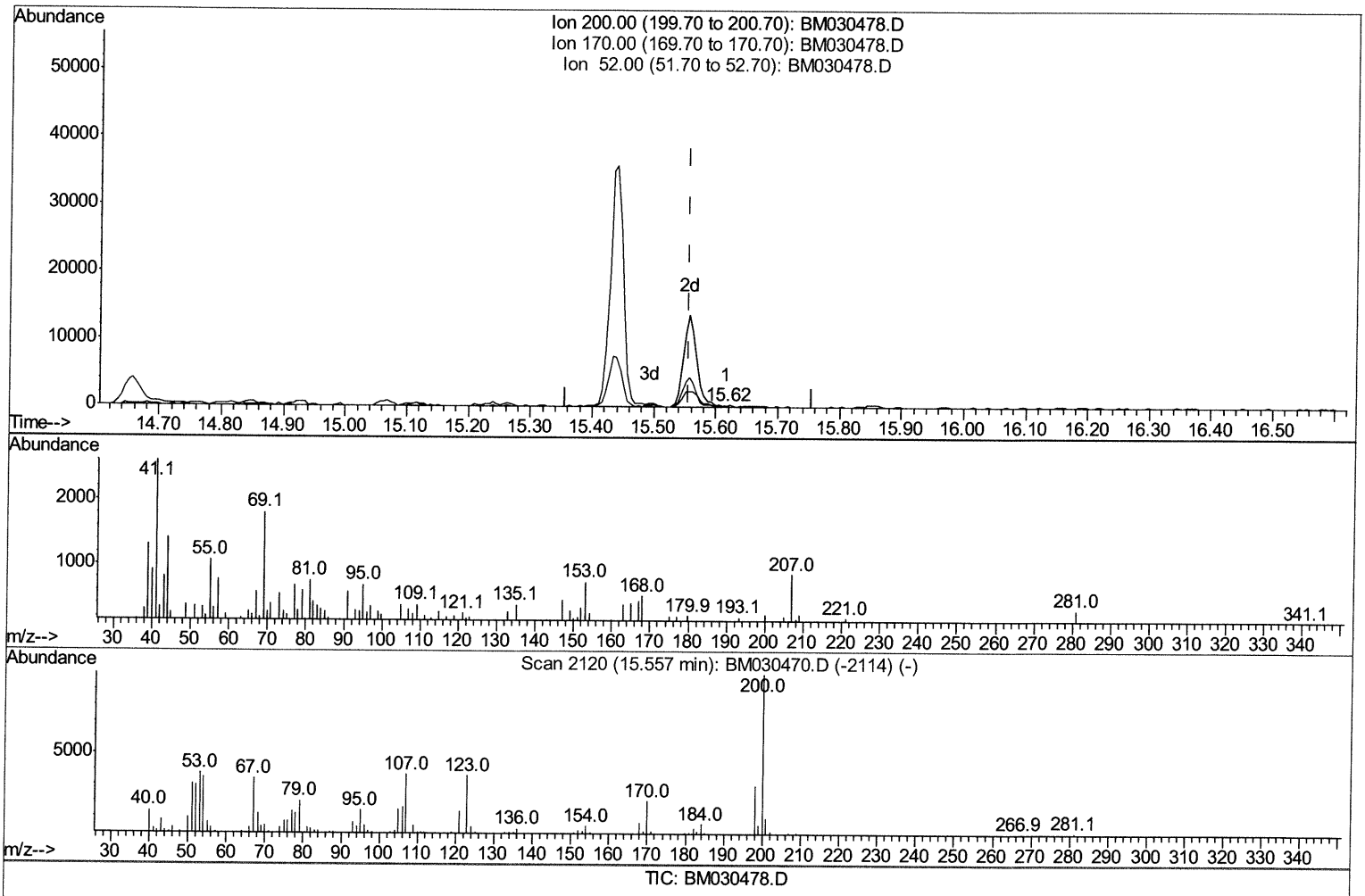
Ion	Exp%	Act%
188.00	100	100
94.00	10.10	8.06#
80.00	10.70	8.92
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030478.D
Acq On : 16 Jun 2021 22:23
Operator : CG/JU
Sample : M2596-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 05:57:08 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 :
BG5Q2

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:27 PM



TIC: BM030478.D

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

15.616min (+0.059) 0.02ng/ul

response 86

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

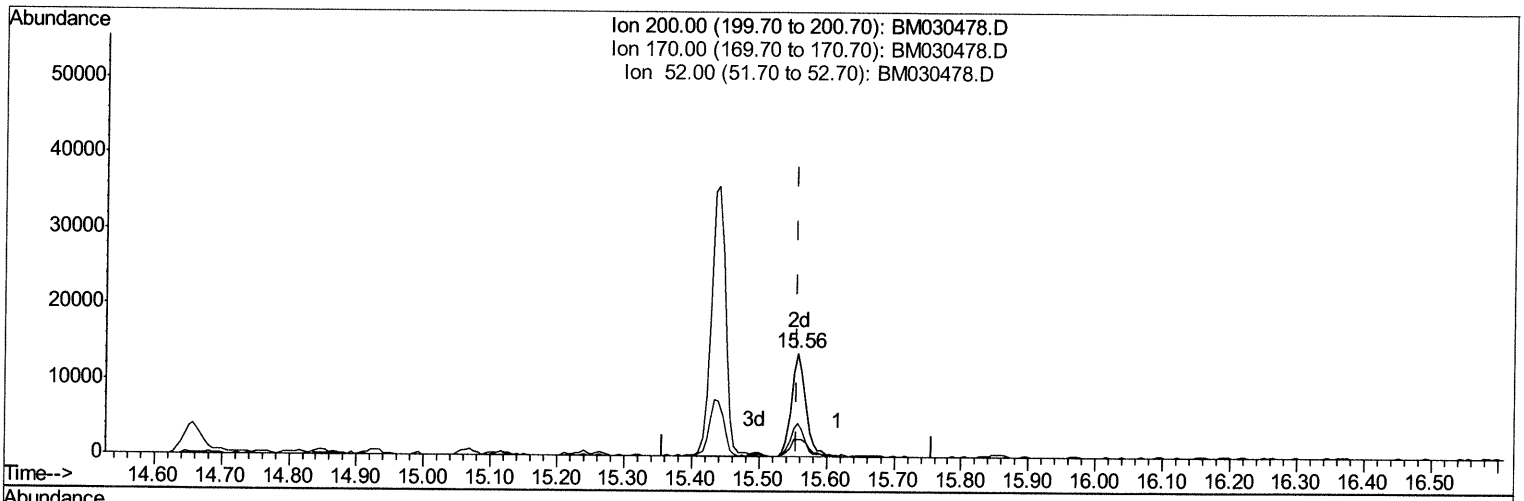
Quantitation Report (Qedit)

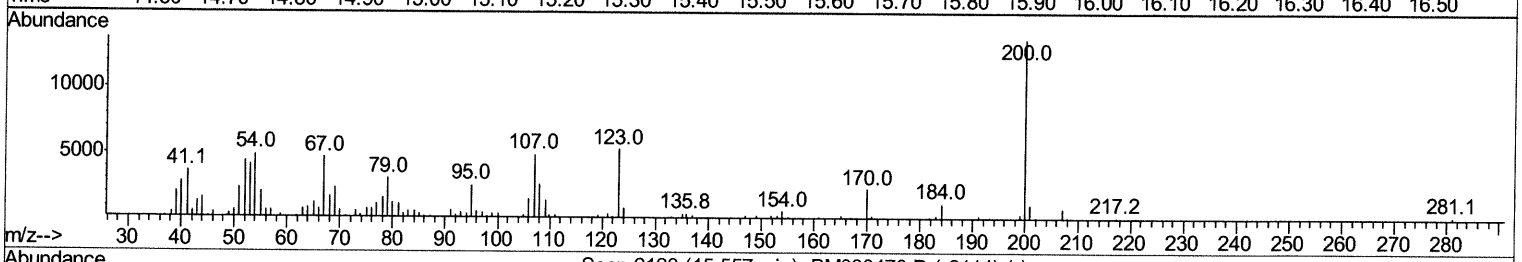
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030478.D
Acq On : 16 Jun 2021 22:23
Operator : CG/JU
Sample : M2596-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

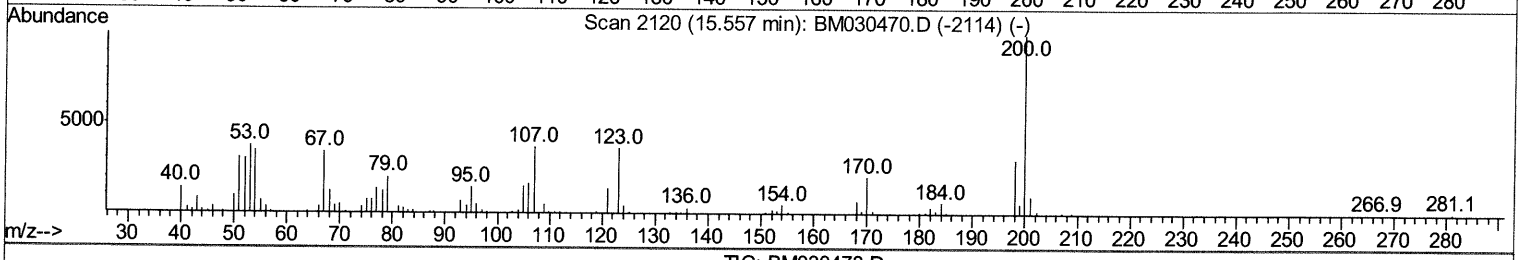
Quant Time: Jun 17 05:57:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 18:05:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG5Q2

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:27 PM







TIC: BM030478.D

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

15.557min (+0.000) 3.88ng/ul m 06/18/21-JU

response 20394

Ion	Exp%	Act%
200.00	100	100
170.00	18.60	17.09
52.00	48.00	32.60#
0.00	0.00	0.00

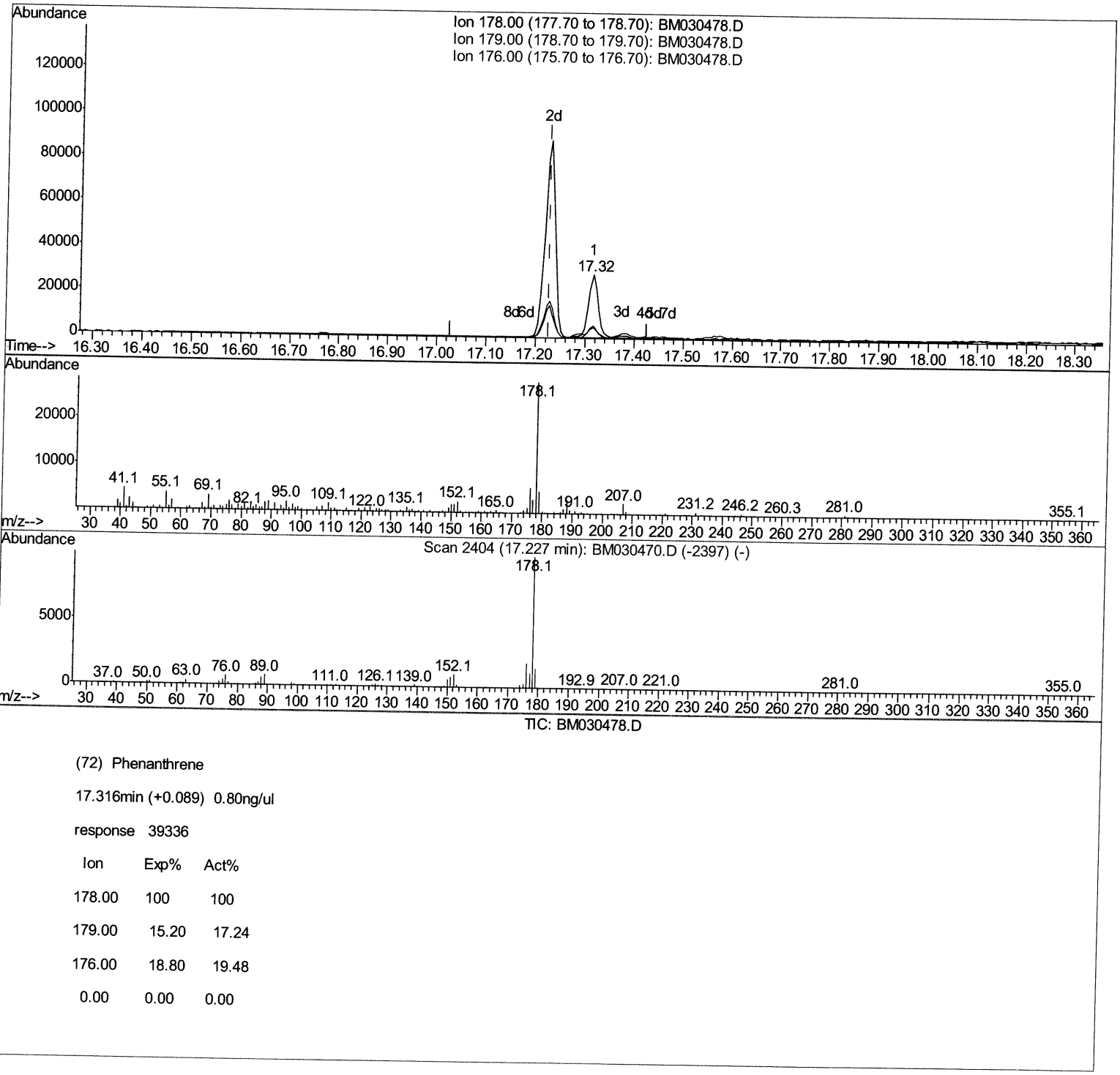
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030478.D
Acq On : 16 Jun 2021 22:23
Operator : CG/JU
Sample : M2596-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 05:57:39 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
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG5Q2

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:27 PM



(72) Phenanthrene

17.316min (+0.089) 0.80ng/ul

response 39336

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	17.24
176.00	18.80	19.48
0.00	0.00	0.00

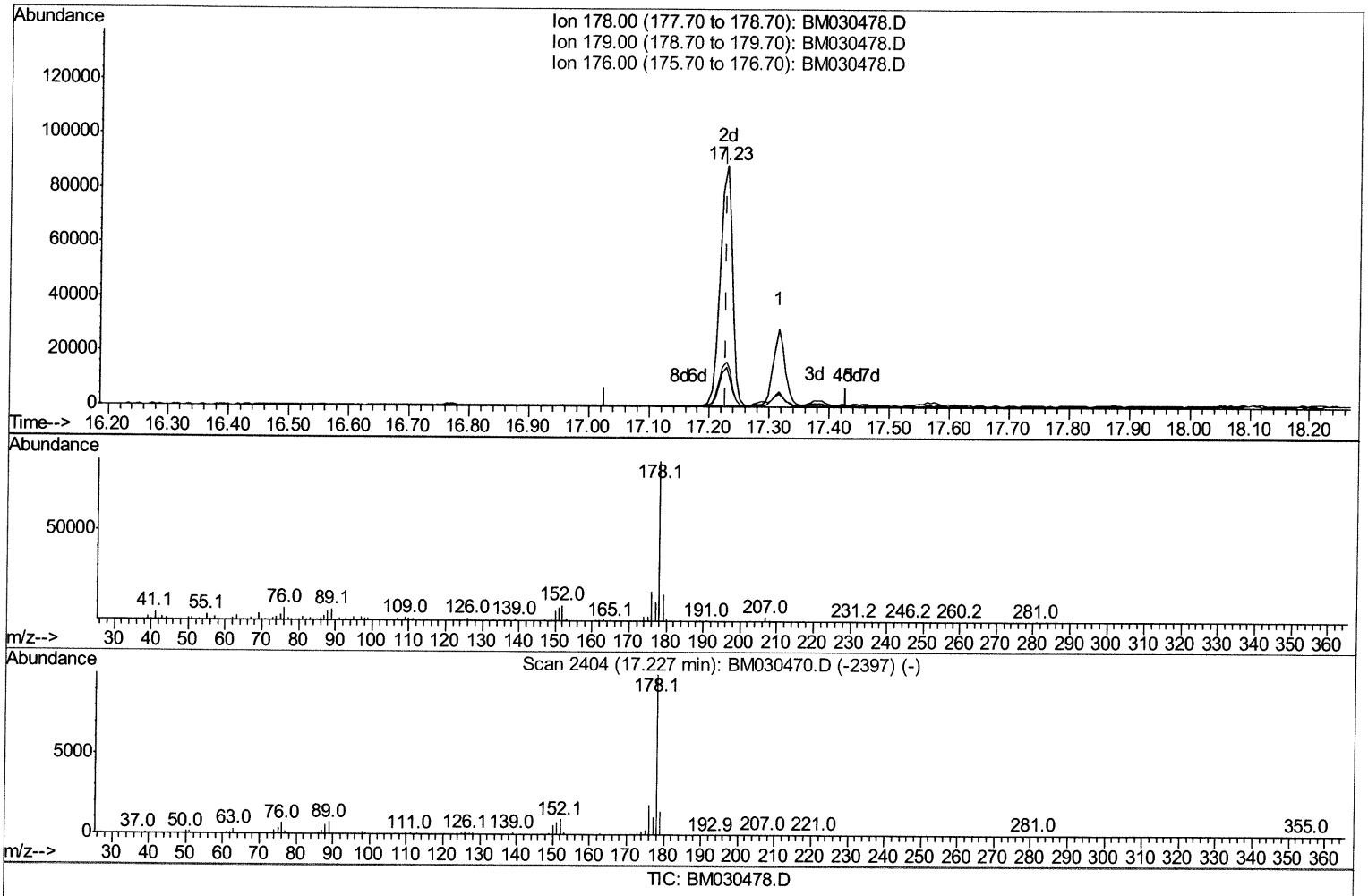
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030478.D
Acq On : 16 Jun 2021 22:23
Operator : CG/JU
Sample : M2596-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 05:57:39 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
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG5Q2

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:27 PM



TIC: BM030478.D

(72) Phenanthrene

17.227min (+0.000) 2.53ng/ul m 06/18/21 JU

response 124645

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	16.58
176.00	18.80	18.78
0.00	0.00	0.00

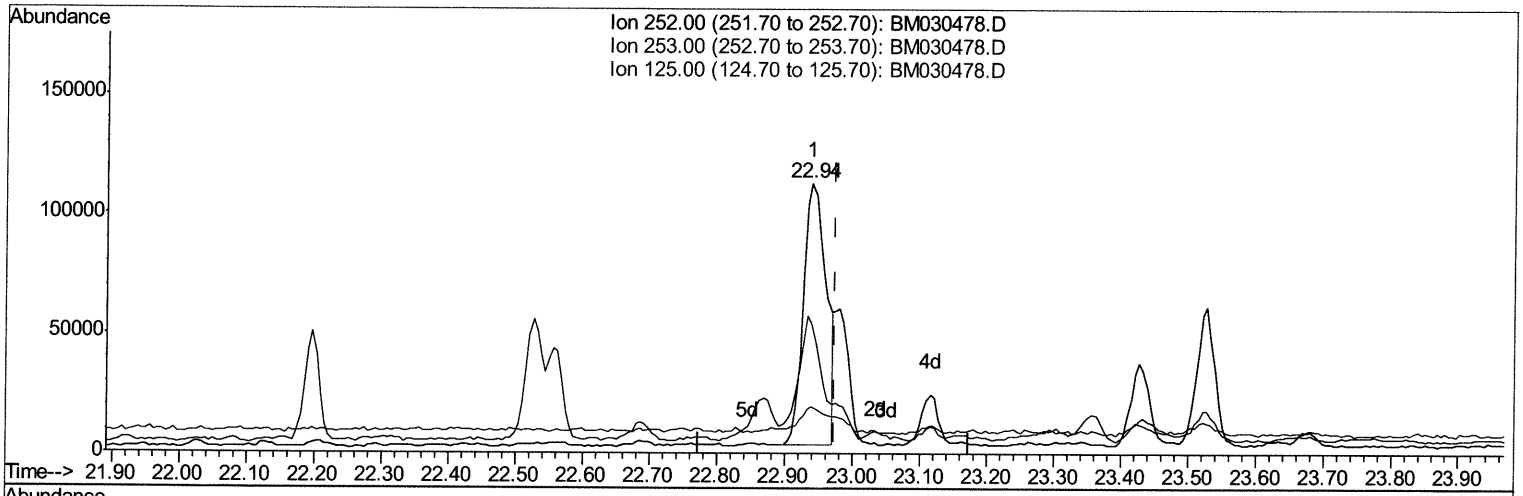
Quantitation Report (Qedit)

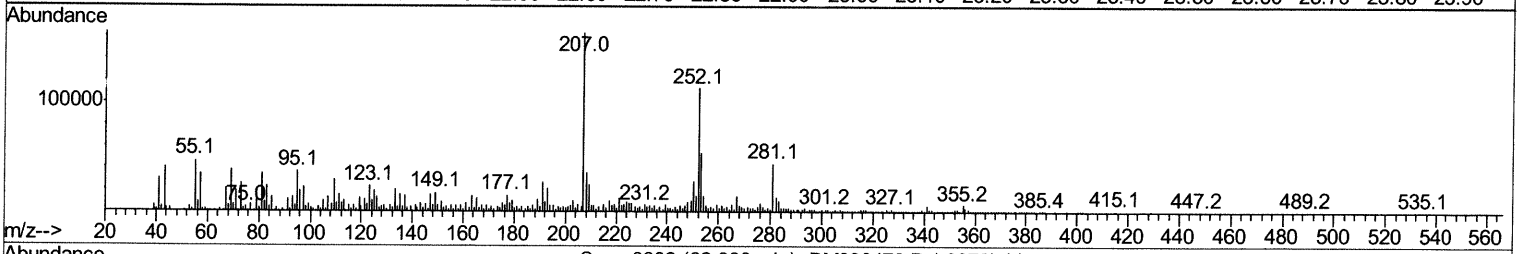
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030478.D
Acq On : 16 Jun 2021 22:23
Operator : CG/JU
Sample : M2596-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

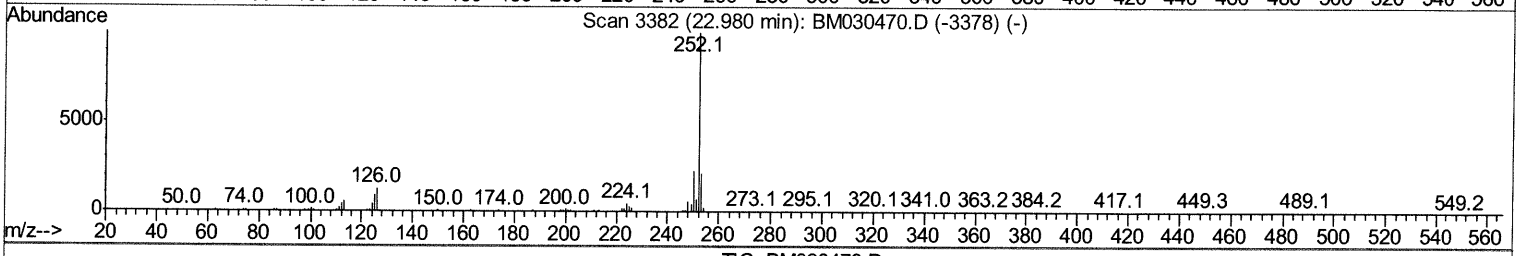
Quant Time: Jun 17 05:59:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 18:05:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG5Q2

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:27 PM







TIC: BM030478.D

(91) Benzo(k)fluoranthene

22.939min (-0.035) 3.71ng/ul

response 253449

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	48.13#
125.00	10.50	17.07#
0.00	0.00	0.00

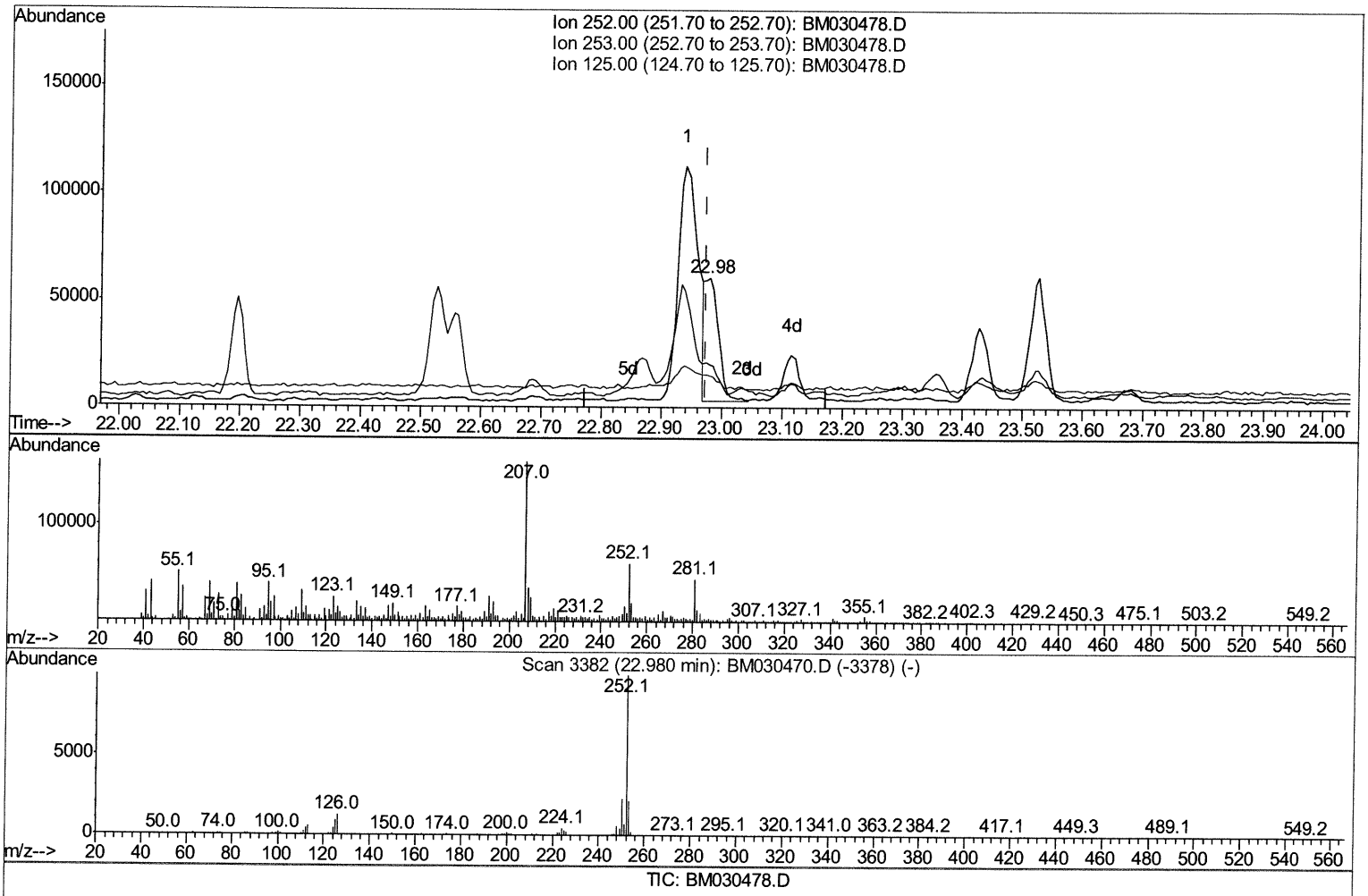
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030478.D
Acq On : 16 Jun 2021 22:23
Operator : CG/JU
Sample : M2596-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 05:59:24 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 :
BG5Q2

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:27 PM



TIC: BM030478.D

(91) Benzo(k)fluoranthene

22.980min (+0.006) 1.26ng/ul m 06/18/21 JU

response 86067

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	32.62#
125.00	10.50	24.73#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030478.D
Acq On : 16 Jun 2021 22:23
Operator : CG/JU
Sample : M2596-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG5Q2

Manual Integrations APPROVED
mohammad
6/17/2021 12:17:27 PM

Quant Time: Jun 17 06:00:13 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.82	152	186817	20.00	ng/ul	0.00	
20) Naphthalene-d8	10.61	136	713176	20.00	ng/ul	0.00	
38) Acenaphthene-d10	14.45	164	436255	20.00	ng/ul	0.00	
64) Phenanthrene-d10	17.19	188	910905m >	20.00	ng/ul >	0.00	06/18/21 JU
79) Chrysene-d12	21.35	240	1007582	20.00	ng/ul	0.00	
88) Perylene-d12	23.63	264	1111262	20.00	ng/ul	0.01	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.30	96	5870m ξ	1.20	ng/uL ξ	0.00	06/18/21 JU
4) Pyridine-d5	3.76	84	25597m ξ	1.99	ng/ul ξ	0.04	
7) Phenol-d5	6.99	99	216065	13.31	ng/ul	0.00	
9) Bis-(2-Chloroethyl)ether-d	7.16	67	136298	13.01	ng/ul	0.00	
11) 2-Chlorophenol-d4	7.36	132	186133	15.85	ng/ul	0.00	
15) 4-Methylphenol-d8	8.53	113	142175	10.96	ng/ul	0.00	
21) Nitrobenzene-d5	8.98	128	81178	16.63	ng/ul	0.00	
24) 2-Nitrophenol-d4	9.70	143	89693	18.50	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.24	165	172469	16.33	ng/ul	0.00	
31) 4-Chloroaniline-d4	10.75	131	117889	7.30	ng/ul	0.00	
46) Dimethylphthalate-d6	13.86	166	476160	15.90	ng/ul	0.00	
49) Acenaphthylene-d8	14.14	160	616456	16.48	ng/ul	0.00	
54) 4-Nitrophenol-d4	14.66	143	62491	11.15	ng/ul	0.01	
60) Fluorene-d10	15.44	176	438014	16.34	ng/ul	0.00	
65) 4,6-Dinitro-2-methylphenol	15.56	200	20394m >	3.88	ng/ul >	0.00	06/18/21 JU
73) Anthracene-d10	17.28	188	680871	16.43	ng/ul	0.00	
81) Pyrene-d10	19.57	212	741114	14.05	ng/ul	0.00	
92) Benzo(a)pyrene-d12	23.48	264	792407	14.30	ng/ul	0.00	
Target Compounds						Qvalue	
72) Phenanthrene	17.23	178	124645m >	2.531	ng/ul >		06/18/21 JU
80) Fluoranthene	19.23	202	285775	4.410	ng/ul	98	
82) Pyrene	19.60	202	250373	3.653	ng/ul	95	
85) Benzo(a)anthracene	21.33	228	190825	3.134	ng/ul#	94	
86) Bis(2-ethylhexyl)phthalate	21.26	149	95828	2.937	ng/ul#	93	
87) Chrysene	21.39	228	186604	3.109	ng/ul#	96	
90) Benzo(b)fluoranthene	22.94	252	253449	3.548	ng/ul#	59	
91) Benzo(k)fluoranthene	22.98	252	86067m >	1.261	ng/ul >		06/18/21 JU
93) Benzo(a)pyrene	23.53	252	108348	1.735	ng/ul#	83	
94) Indeno(1,2,3-cd)pyrene	25.93	276	112781	1.468	ng/ul	92	

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