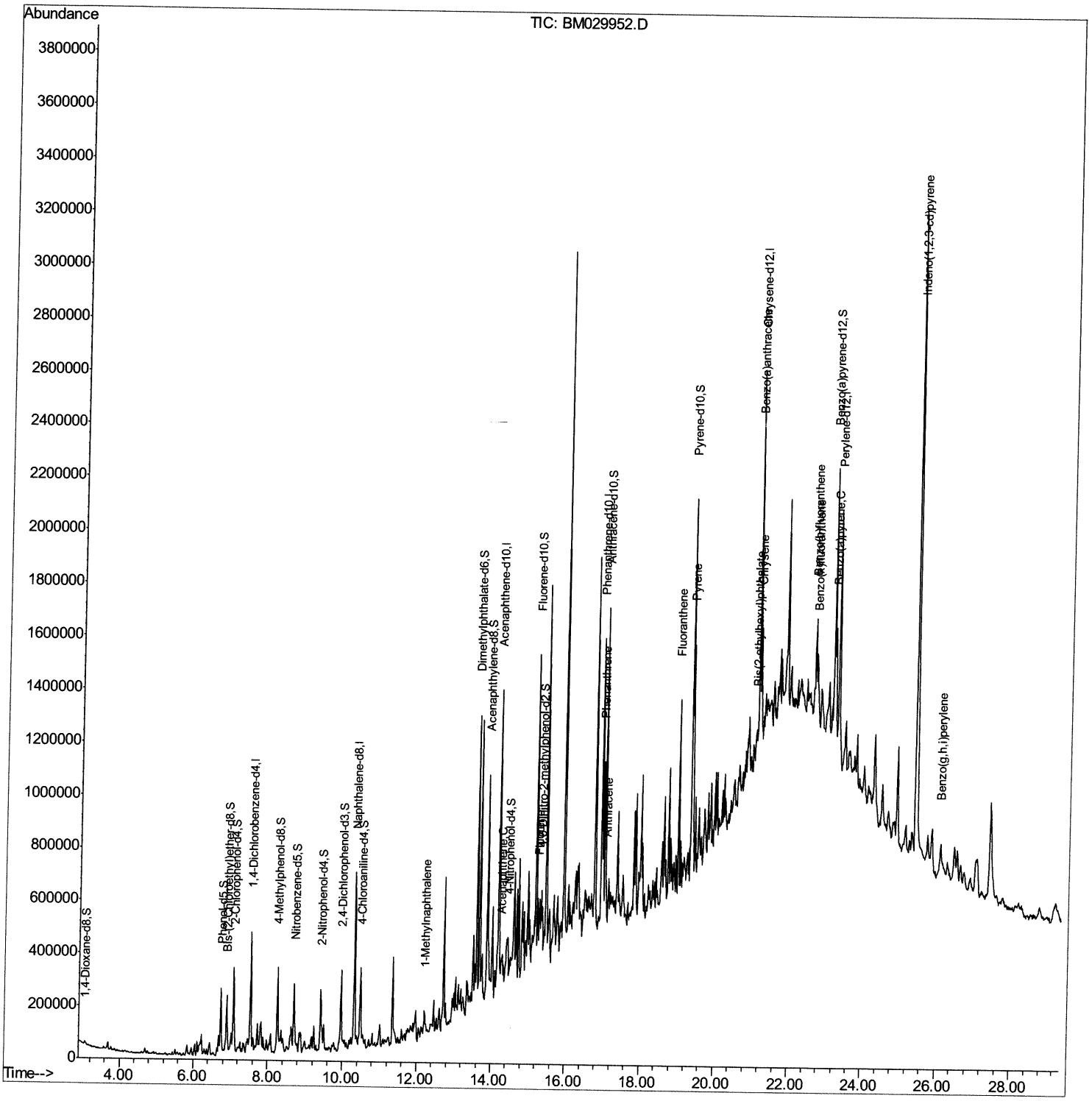
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029952.D
Acq On : 11 May 2021 20:49
Operator : CG/JU
Sample : M2177-23
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: May 12 01:26:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 15:21:38 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG594

Manual Integrations APPROVED
mohammad
5/12/2021 2:06:53 PM



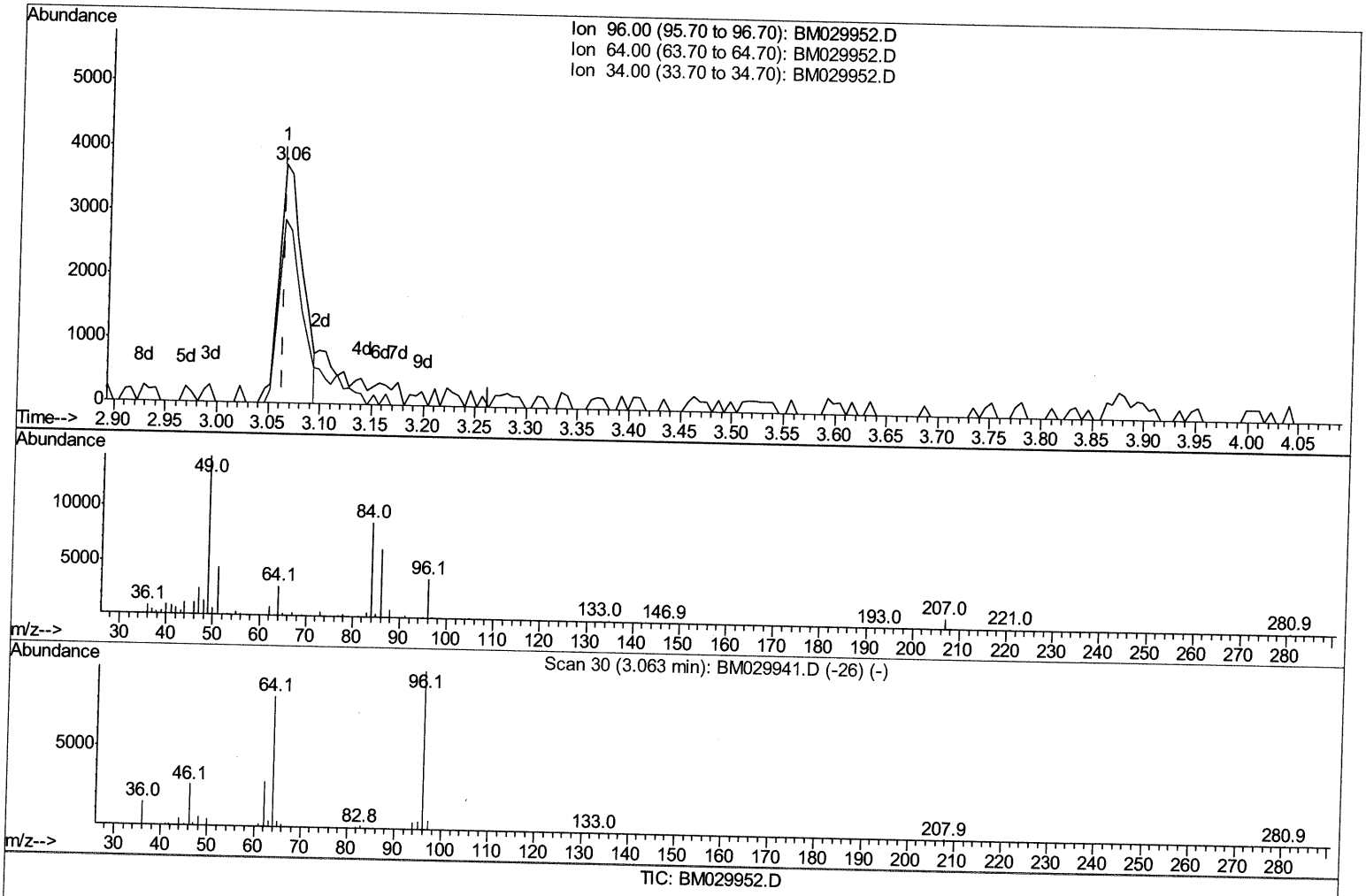
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029952.D
Acq On : 11 May 2021 20:49
Operator : CG/JU
Sample : M2177-23
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: May 12 01:22:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 15:21:38 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG594

Manual Integrations APPROVED
mohammad
5/12/2021 2:06:53 PM



TIC: BM029952.D

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

3.063min (+0.000) 1.90ng/uL

response 5856

Ion	Exp%	Act%
96.00	100	100
64.00	75.50	76.86
34.00	0.00	0.00
0.00	0.00	0.00

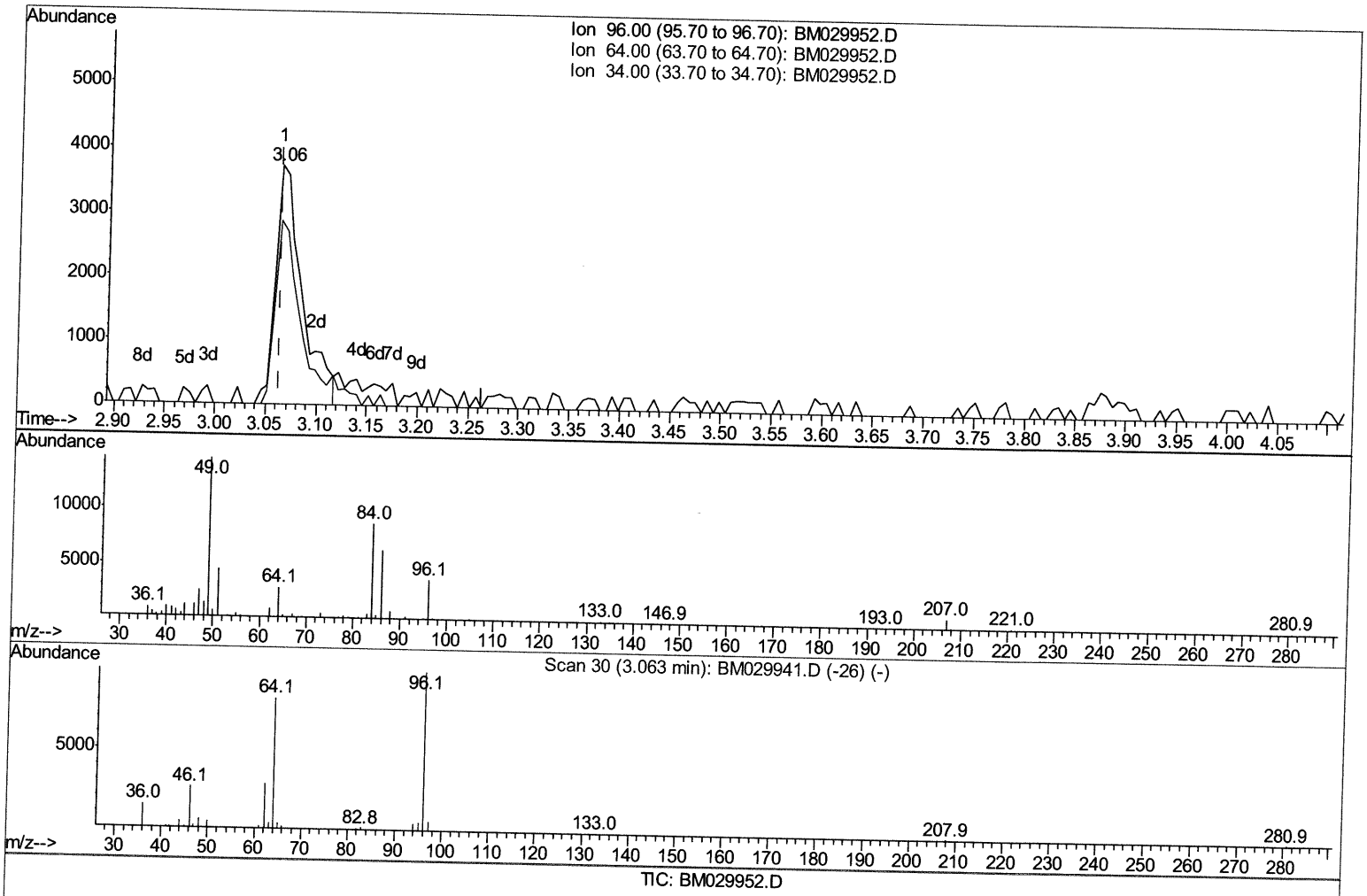
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029952.D
Acq On : 11 May 2021 20:49
Operator : CG/JU
Sample : M2177-23
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: May 12 01:22:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 15:21:38 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG594

Manual Integrations APPROVED
mohammad
5/12/2021 2:06:53 PM



TIC: BM029952.D

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

3.063min (+0.000) 2.20ng/uL m 05/11/21JU

response 6789

Ion	Exp%	Act%
96.00	100	100
64.00	75.50	76.86
34.00	0.00	0.00
0.00	0.00	0.00

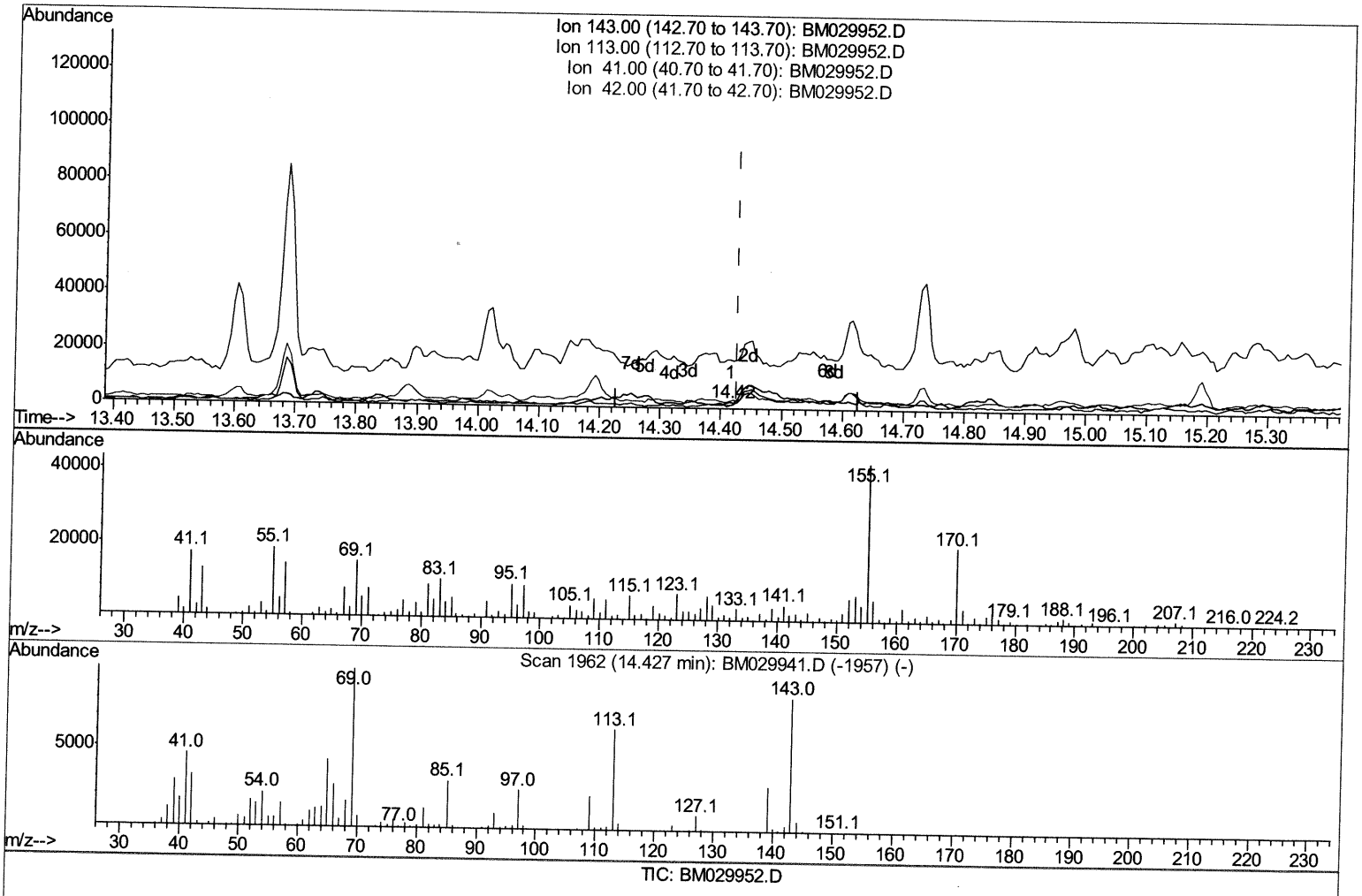
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029952.D
Acq On : 11 May 2021 20:49
Operator : CG/JU
Sample : M2177-23
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: May 12 01:23:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 15:21:38 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG594

Manual Integrations APPROVED
mohammad
5/12/2021 2:06:53 PM



TIC: BM029952.D

(54) 4-Nitrophenol-d4 (S)

14.416min (-0.012) 0.31ng/ul

response 1267

Ion	Exp%	Act%
143.00	100	100
113.00	71.10	55.55#
41.00	44.70	756.81#
42.00	28.30	120.77#

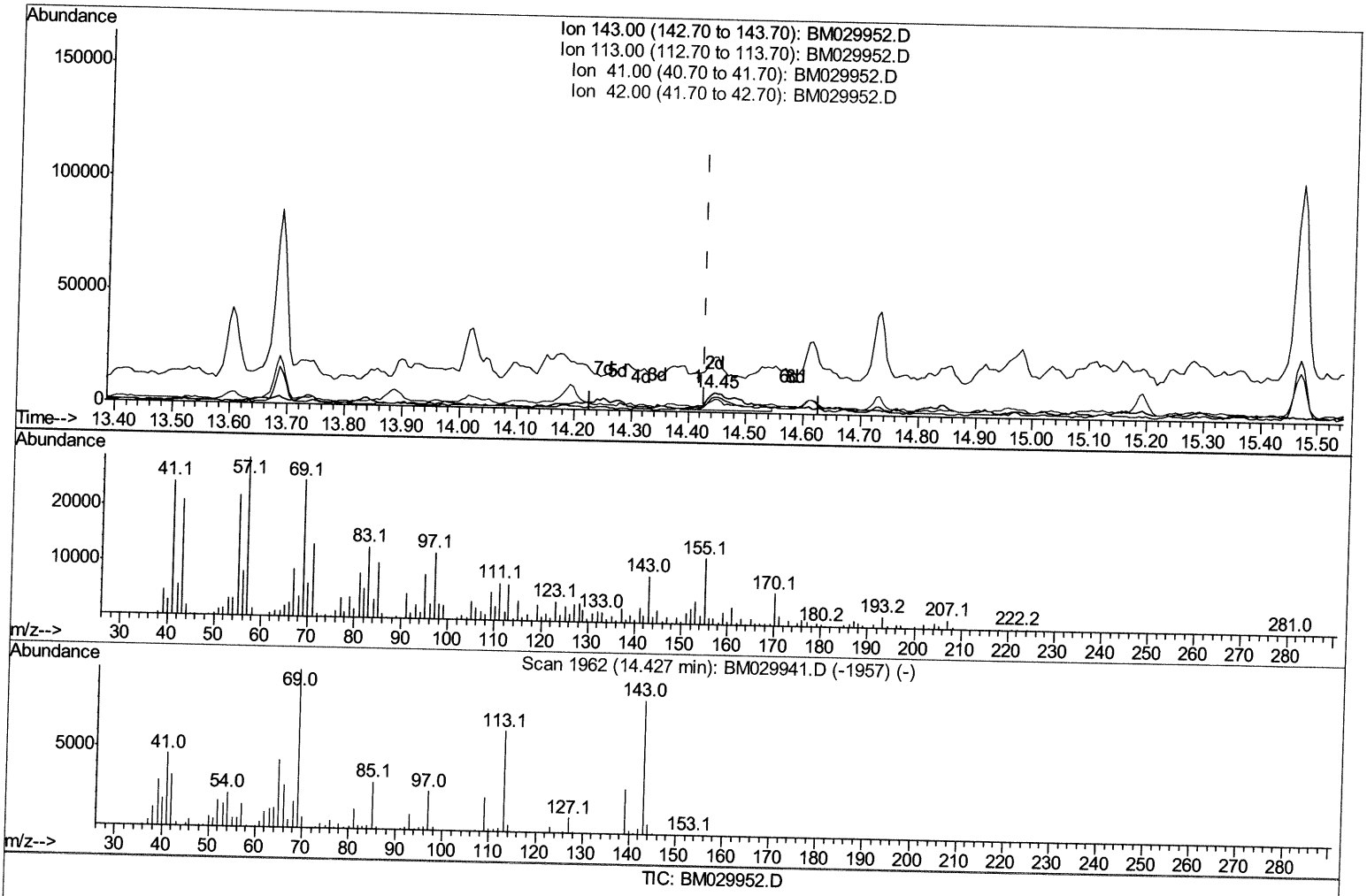
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029952.D
Acq On : 11 May 2021 20:49
Operator : CG/JU
Sample : M2177-23
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: May 12 01:23:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 15:21:38 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG594

Manual Integrations APPROVED
mohammad
5/12/2021 2:06:53 PM



TIC: BM029952.D

(54) 4-Nitrophenol-d4 (S)

14.445min (+0.018) 8.13ng/ul m 05/13/21JU

response 32891

Ion	Exp%	Act%
143.00	100	100
113.00	71.10	76.44
41.00	44.70	281.55#
42.00	28.30	66.55#

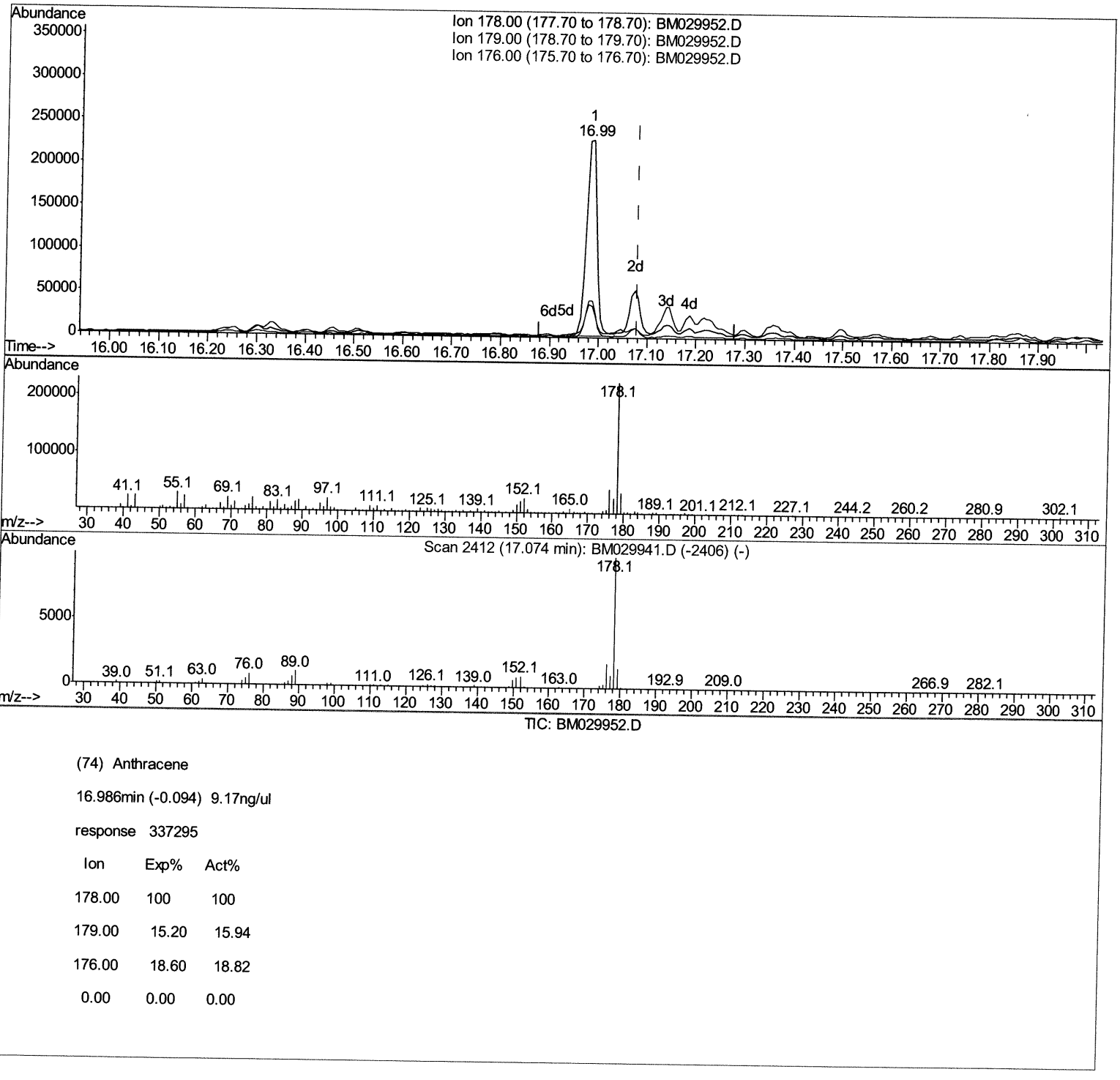
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029952.D
Acq On : 11 May 2021 20:49
Operator : CG/JU
Sample : M2177-23
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: May 12 01:24:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 15:21:38 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG594

Manual Integrations APPROVED
mohammad
5/12/2021 2:06:53 PM



TIC: BM029952.D

(74) Anthracene

16.986min (-0.094) 9.17ng/ul

response 337295

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	15.94
176.00	18.60	18.82
0.00	0.00	0.00

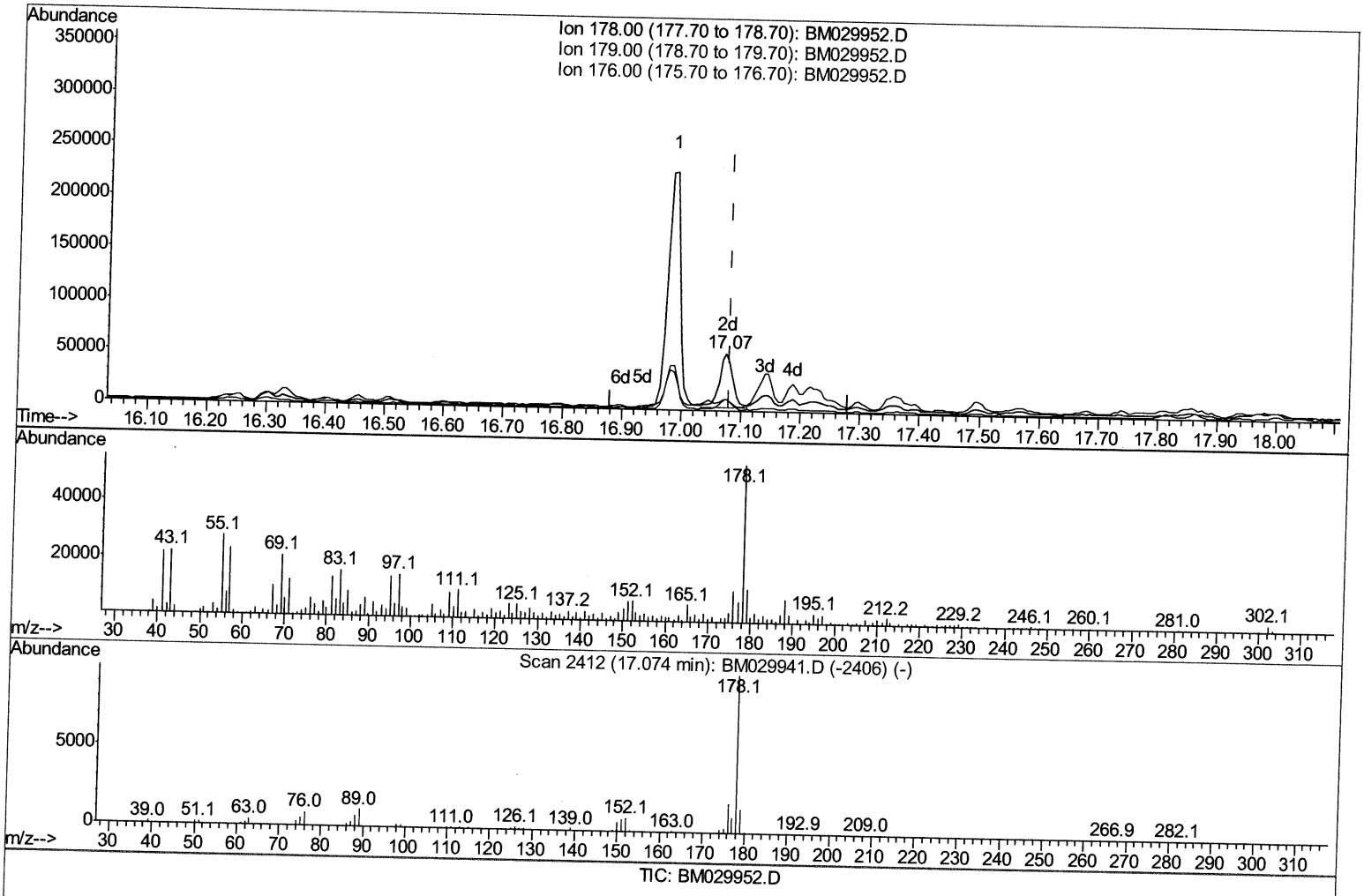
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029952.D
Acq On : 11 May 2021 20:49
Operator : CG/JU
Sample : M2177-23
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: May 12 01:24:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 15:21:38 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG594

Manual Integrations APPROVED
mohammad
5/12/2021 2:06:53 PM



TIC: BM029952.D

(74) Anthracene

17.074min (-0.006) 2.25ng/ul m 05/13/21 JU

response 82597

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	21.21#
176.00	18.60	20.03
0.00	0.00	0.00

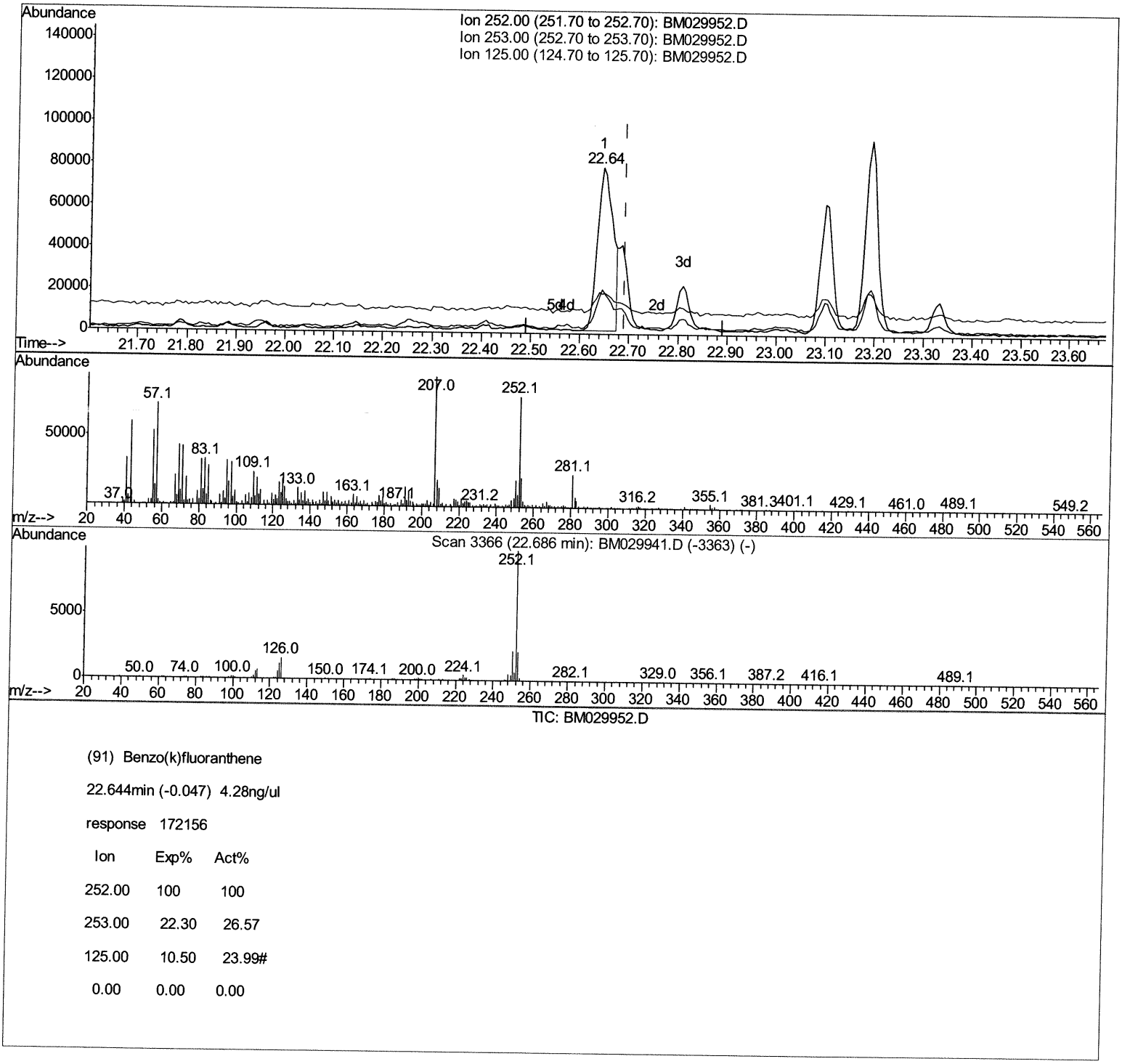
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029952.D
Acq On : 11 May 2021 20:49
Operator : CG/JU
Sample : M2177-23
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: May 12 01:25:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 15:21:38 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG594

Manual Integrations APPROVED
mohammad
5/12/2021 2:06:53 PM



(91) Benzo(k)fluoranthene

22.644min (-0.047) 4.28ng/ul

response 172156

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	26.57
125.00	10.50	23.99#
0.00	0.00	0.00

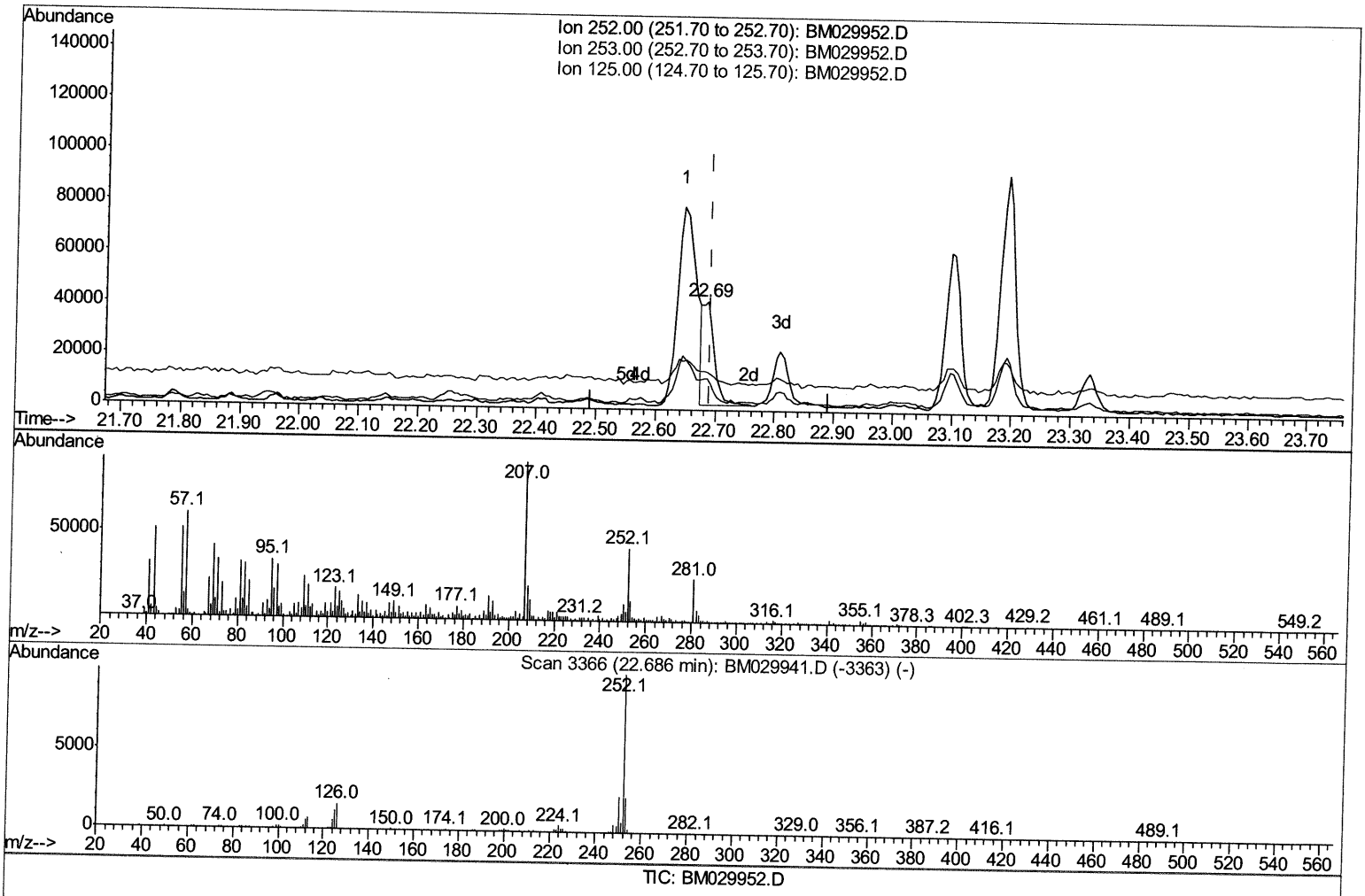
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029952.D
Acq On : 11 May 2021 20:49
Operator : CG/JU
Sample : M2177-23
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: May 12 01:25:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 15:21:38 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG594

Manual Integrations APPROVED
mohammad
5/12/2021 2:06:53 PM



TIC: BM029952.D

(91) Benzo(k)fluoranthene

22.686min (-0.006) 1.37ng/ul m 0 5/13/21 JU

response 55253

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	28.84#
125.00	10.50	35.52#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029952.D
Acq On : 11 May 2021 20:49
Operator : CG/JU
Sample : M2177-23
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG594

Manual Integrations APPROVED
mohammad
5/12/2021 2:06:53 PM

Quant Time: May 12 01:26:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 15:21:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	123259	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	526622	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.19	164	320581	20.00	ng/ul	-0.01
64) Phenanthrene-d10	16.94	188	610185	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	576982	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	590299	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	6789m >	2.20	ng/uL >	0.00 05/13/21 JU
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.73	99	165293	14.42	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.89	67	115891	16.30	ng/ul	0.00
11) 2-Chlorophenol-d4	7.08	132	140610	15.89	ng/ul	0.00
15) 4-Methylphenol-d8	8.26	113	141477	14.92	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	61756	17.02	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	68870	16.81	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	134013	16.32	ng/ul	0.00
31) 4-Chloroaniline-d4	10.47	131	135898	10.87	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	452174	18.20	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	565010	17.94	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	32891m >	8.13	ng/ul >	0.02 05/13/21 JU
60) Fluorene-d10	15.19	176	411925	19.53	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	37958	9.58	ng/ul	0.00
73) Anthracene-d10	17.04	188	602032	19.59	ng/ul	0.00
81) Pyrene-d10	19.34	212	638461	21.57	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.15	264	669157	20.00	ng/ul	0.00
Target Compounds						Qvalue
37) 1-Methylnaphthalene	12.22	142	31727	1.510	ng/ul#	99
52) Acenaphthene	14.26	153	28227	1.311	ng/ul	94
61) Fluorene	15.25	166	31990	1.269	ng/ul#	93
72) Phenanthrene	16.99	178	337295	9.375	ng/ul	99
74) Anthracene	17.07	178	82597m >	2.246	ng/ul >	05/13/21 JU
80) Fluoranthene	19.00	202	348134	9.664	ng/ul	98
82) Pyrene	19.37	202	506674	13.365	ng/ul	99
85) Benzo(a)anthracene	21.12	228	205218	5.451	ng/ul#	91
86) Bis(2-ethylhexyl)phthalate	21.06	149	23966	1.032	ng/ul#	91
87) Chrysene	21.17	228	232867	6.211	ng/ul#	95
90) Benzo(b)fluoranthene	22.64	252	172156	4.496	ng/ul#	82
91) Benzo(k)fluoranthene	22.69	252	55253m >	1.373	ng/ul >	05/13/21 JU
93) Benzo(a)pyrene	23.19	252	161910	4.656	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	25.43	276	78843	1.873	ng/ul	95
96) Benzo(g,h,i)perylene	26.09	276	76585	2.246	ng/ul	95

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