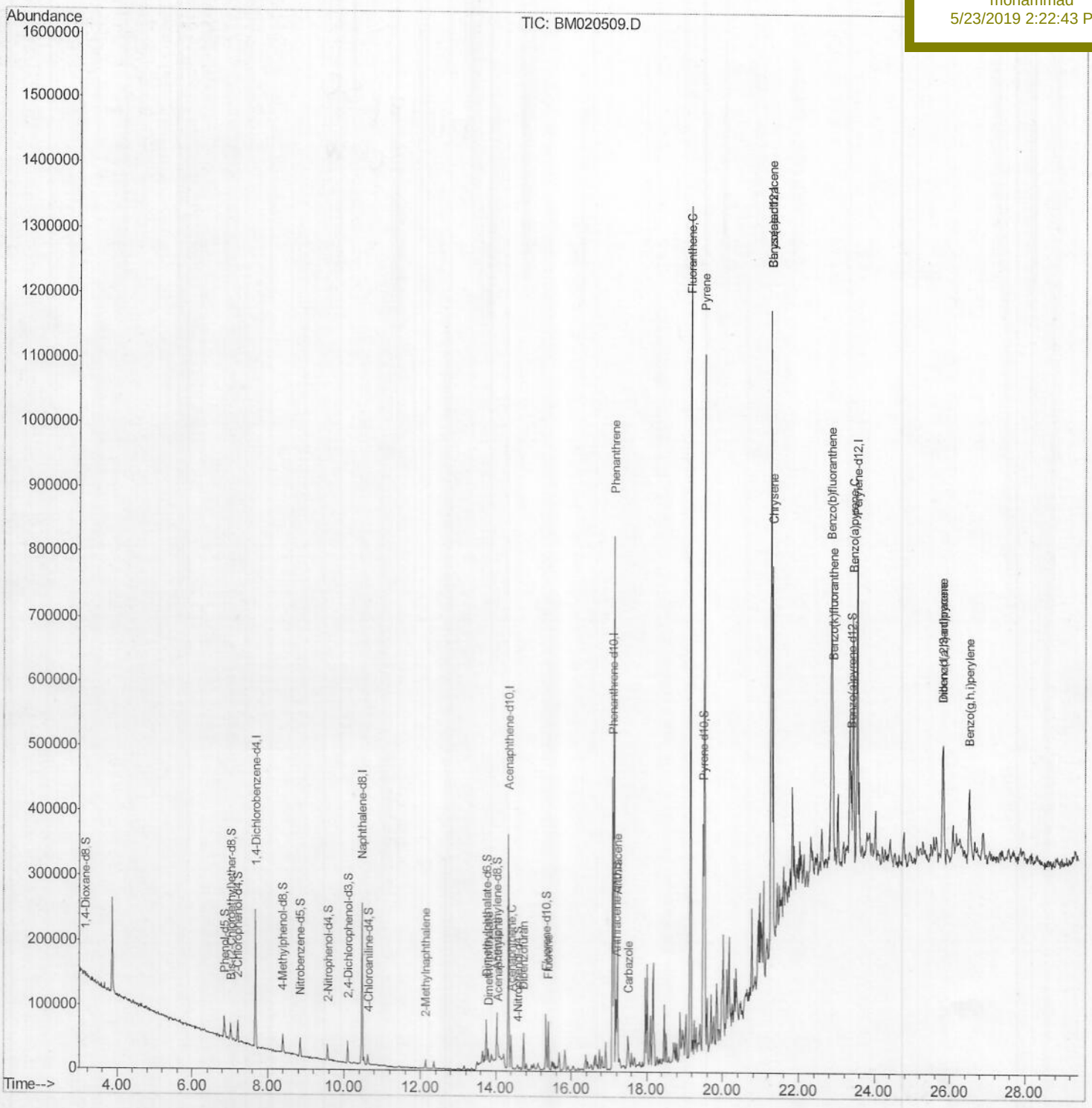
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052219\
Data File : BM020509.D
Acq On : 23 May 2019 09:54
Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 23 11:08:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 23 07:52:10 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4297DL

Manual Integrations APPROVED
mohammad
5/23/2019 2:22:43 PM



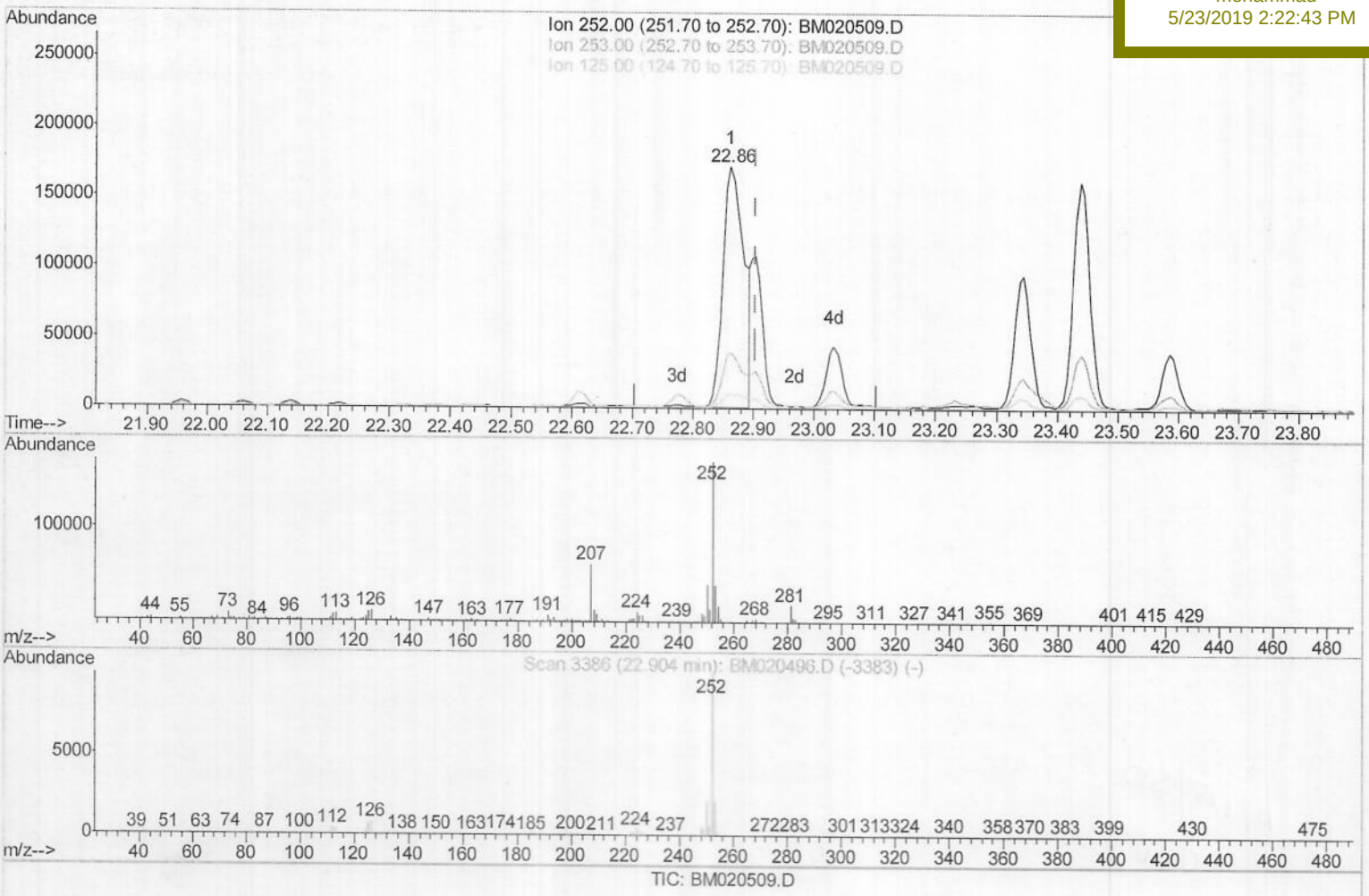
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052219\
Data File : BM020509.D
Acq On : 23 May 2019 09:54
Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 23 11:05:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 23 07:52:10 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4297DL

Manual Integrations APPROVED
mohammad
5/23/2019 2:22:43 PM



TIC: BM020509.D

(88) Benzo(k)fluoranthene

22.862min (-0.042) 21.02ng/ul

response 407463

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.24
125.00	6.30	6.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052219\
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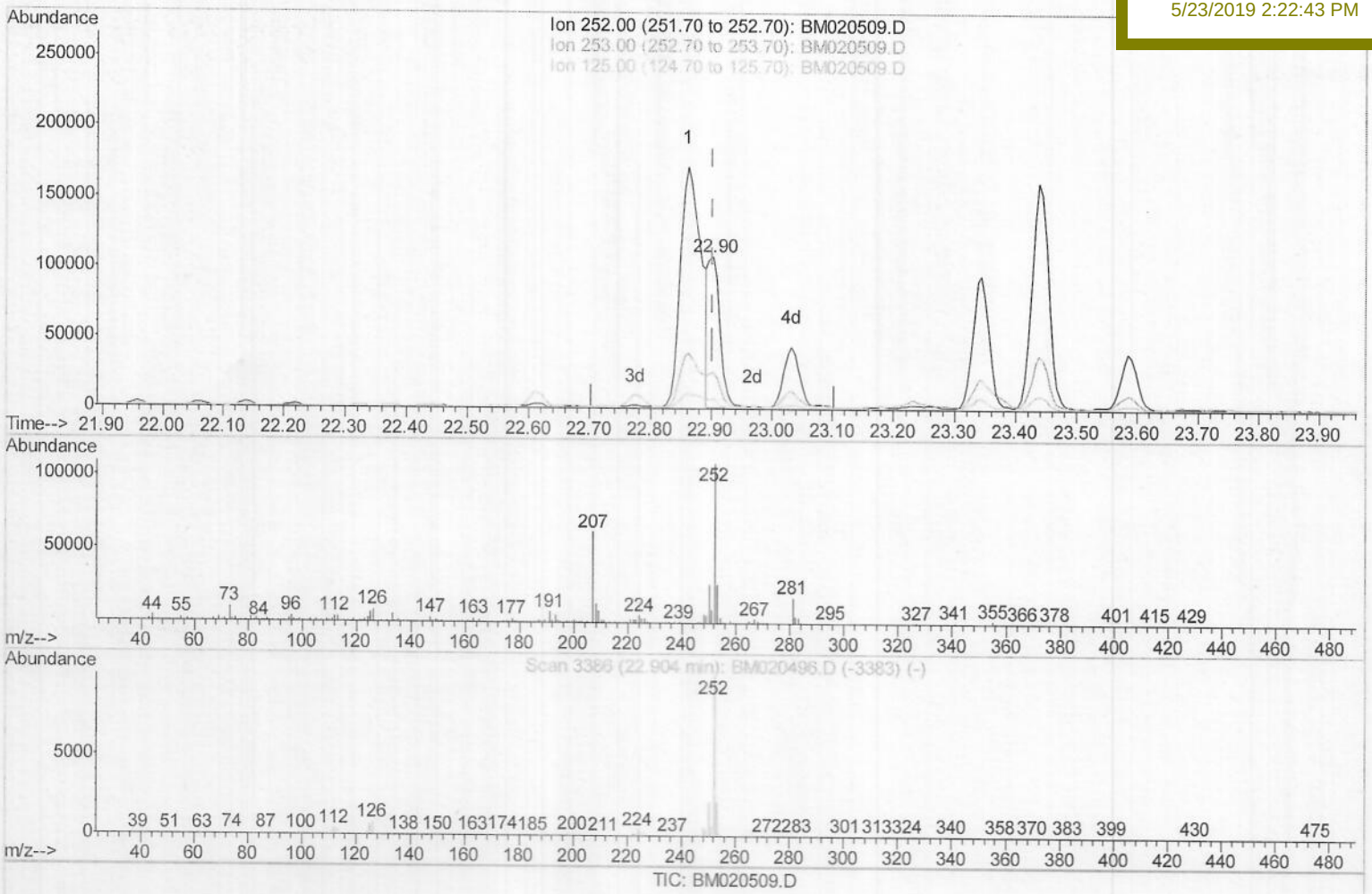
Manual Integrations APPROVED
mohammad
5/23/2019 2:22:43 PM



TIC: BM020509.D

(88) Benzo(k)fluoranthene

22.903min (-0.000) 7.37ng/ul m) JU 06/05/19

response 142940

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	24.30
125.00	6.30	6.76
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052219\
Data File : BM020509.D
Acq On : 23 May 2019 09:54
Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 23 11:08:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 23 07:52:10 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : A4297DL

Manual Integrations APPROVED
mohammad
5/23/2019 2:22:43 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	56498	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	195042	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	114468	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	273858	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	304386	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	345871	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	1610	1.05	ng/uL	0.01
5) Phenol-d5	6.85	99	18003	3.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	12299	4.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	14581	4.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	11055	3.37	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	5909	4.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	6993	5.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	14251	4.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	8864	2.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	42340	5.14	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	50455	4.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	1704	1.42	ng/ul	0.00
57) Fluorene-d10	15.33	176	38111	5.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	1482	0.95	ng/ul	0.00
70) Anthracene-d10	17.19	188	58031	4.94	ng/ul	0.00
78) Pyrene-d10	19.49	212	73675	5.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	76937	4.89	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.14	142	7221	1.113	ng/ul	92
44) Dimethylphthalate	13.79	163	12504	1.535	ng/ul	100
47) Acenaphthylene	14.06	152	13329	1.372	ng/ul	97
49) Acenaphthene	14.40	153	21012	3.146	ng/ul	97
53) Dibenzofuran	14.73	168	32244	3.188	ng/ul	97
58) Fluorene	15.39	166	33994	4.196	ng/ul	97
69) Phenanthrene	17.13	178	488199	37.414	ng/ul	99
71) Anthracene	17.22	178	129401	9.749	ng/ul	99
74) Carbazole	17.50	167	31990	2.839	ng/ul	98
76) Fluoranthene	19.16	202	801151	48.605	ng/ul	98
79) Pyrene	19.52	202	683241	37.397	ng/ul	99
82) Benzo(a)anthracene	21.27	228	397986	21.724	ng/ul	98
84) Chrysene	21.33	228	333979	19.076	ng/ul	95
87) Benzo(b)fluoranthene	22.86	252	407463	20.642	ng/ul	97
88) Benzo(k)fluoranthene	22.90	252	142940m	7.372	ng/ul	
90) Benzo(a)pyrene	23.44	252	301954	16.254	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.81	276	188686	8.914	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.81	278	56566	3.125	ng/ul#	92
93) Benzo(g,h,i)perylene	26.51	276	146723	8.374	ng/ul	97

JU 06/05/19

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