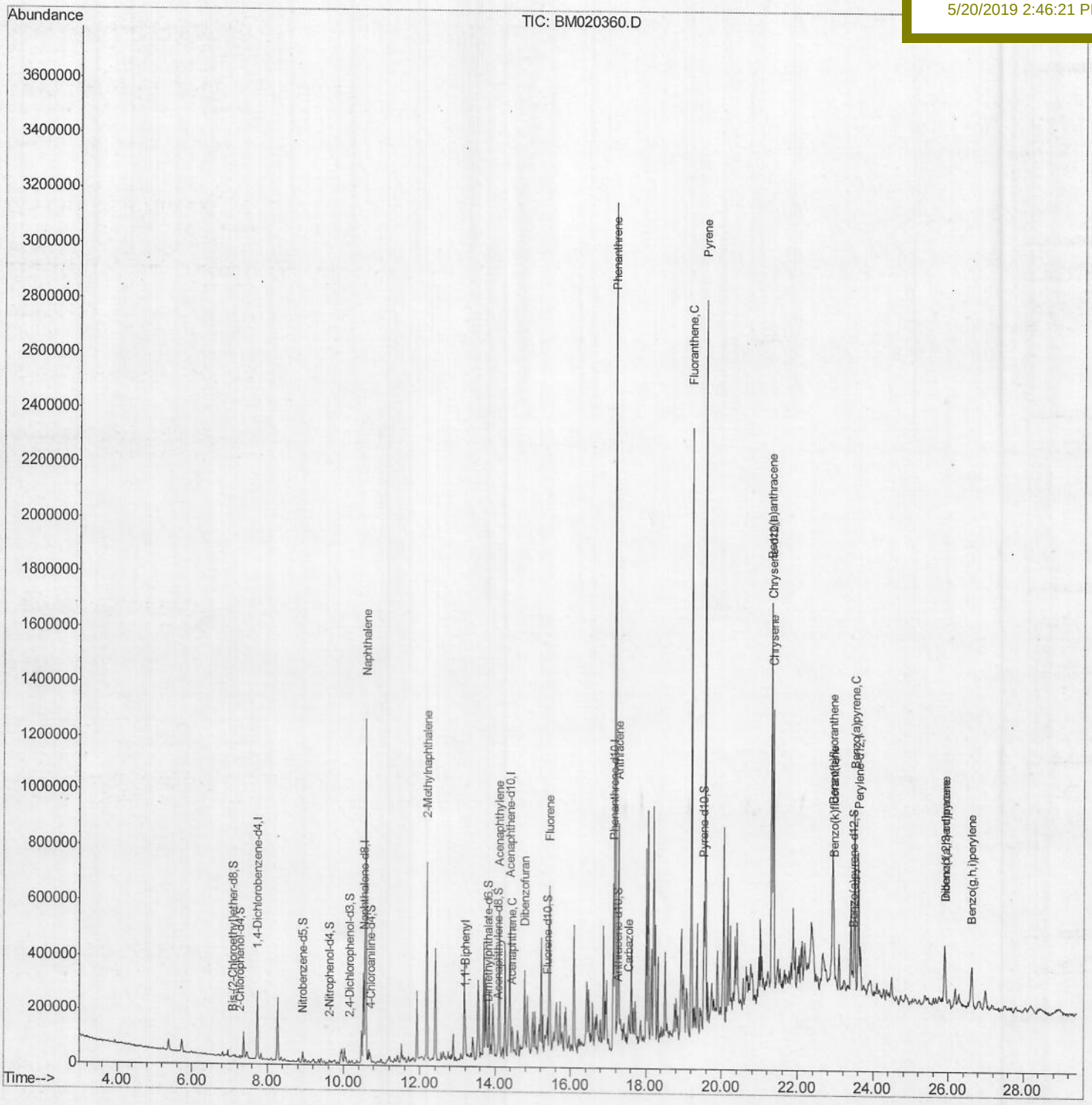
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
Data File : BM020360.D
Acq On : 17 May 2019 12:10
Operator : JU/SJ
Sample : K2604-02DL 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 03:33:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GAJ76DL

Manual Integrations APPROVED
mohammad
5/20/2019 2:46:21 PM



Quantitation Report (Qedit)

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Acq On : 17 May 2019 12:10
Operator : JU/SJ
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Quant Time: May 18 02:55:15 2019
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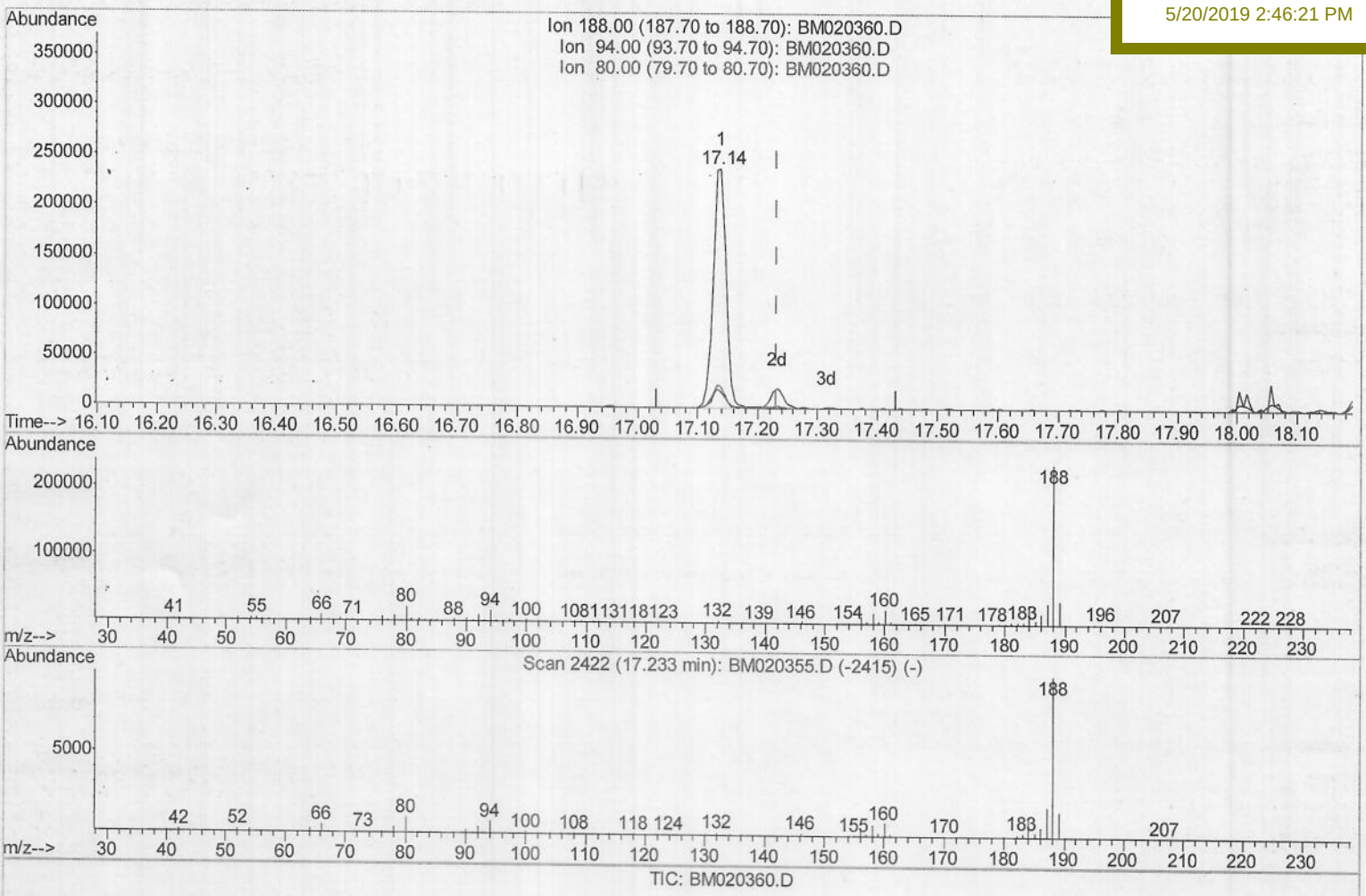

TIC: BM020360.D

(70) Anthracene-d10 (S)

17.139min (-0.094) 23.31ng/ul

response 351953

Ion	Exp%	Act%
188.00	100	100
94.00	8.10	7.00
80.00	9.20	9.22
0.00	0.00	0.00

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mohammad
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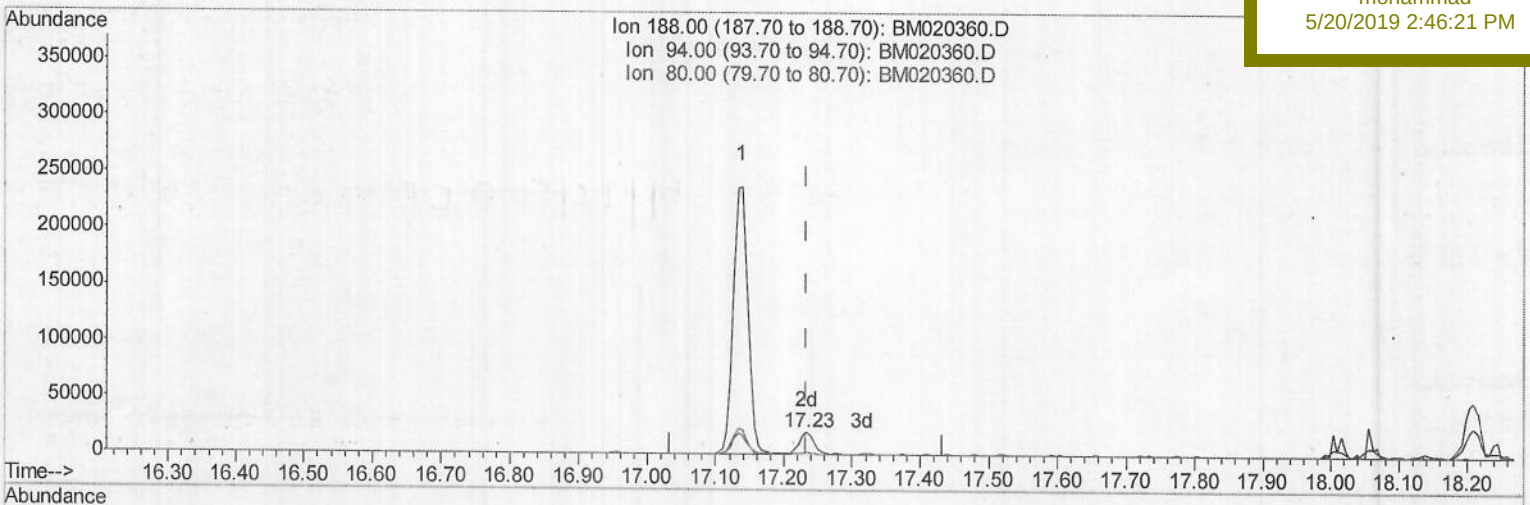

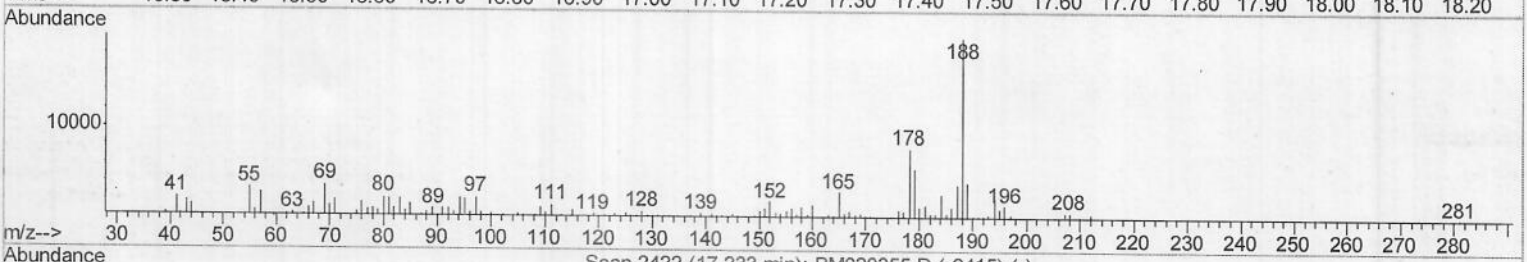

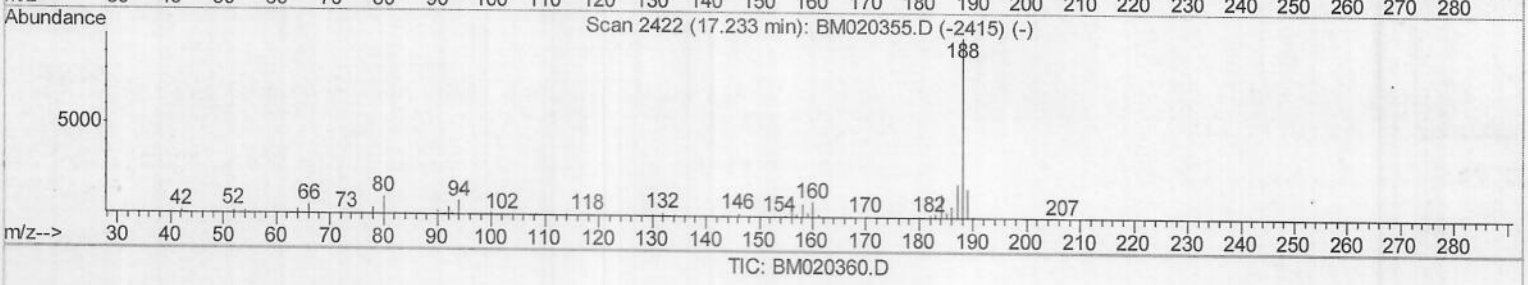

TIC: BM020360.D

(70) Anthracene-d10 (S)

17.233min (-0.000) 1.90ng/ul m JJU 05/21/19

response 28748

Ion	Exp%	Act%
188.00	100	100
94.00	8.10	11.43#
80.00	9.20	11.97#
0.00	0.00	0.00

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QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GAJ76DL

Manual Integrations APPROVED
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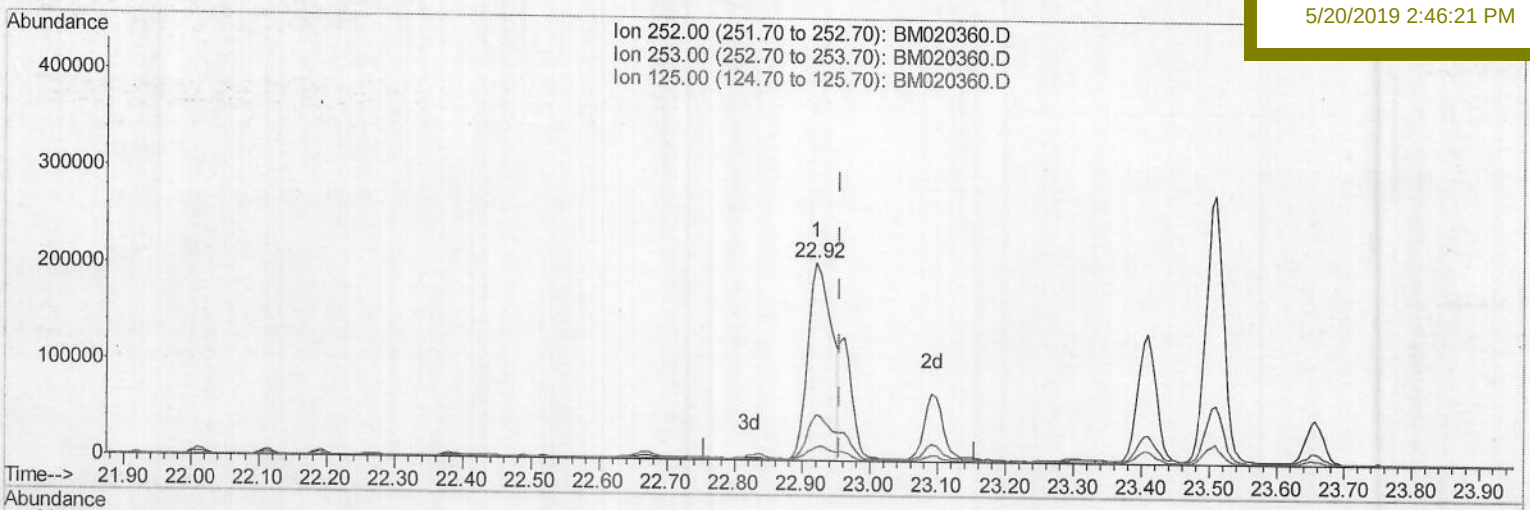

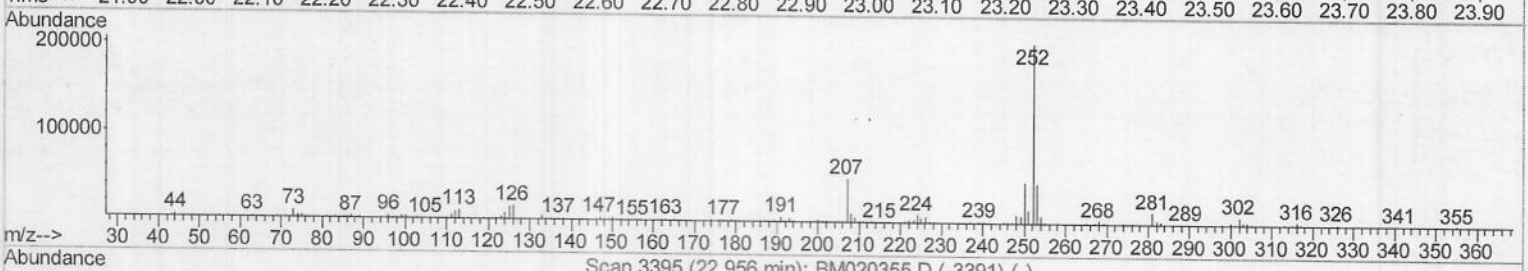

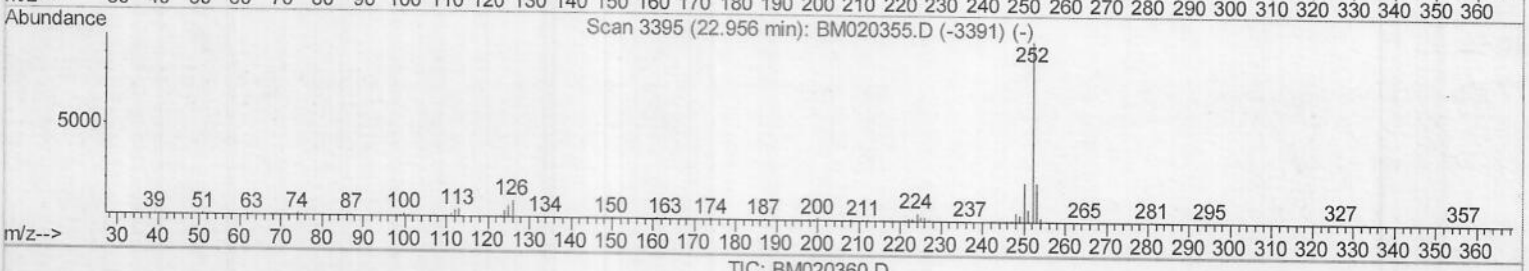

TIC: BM020360.D

(88) Benzo(k)fluoranthene

22.921min (-0.035) 23.10ng/ul

response 489751

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.62
125.00	6.30	6.91
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
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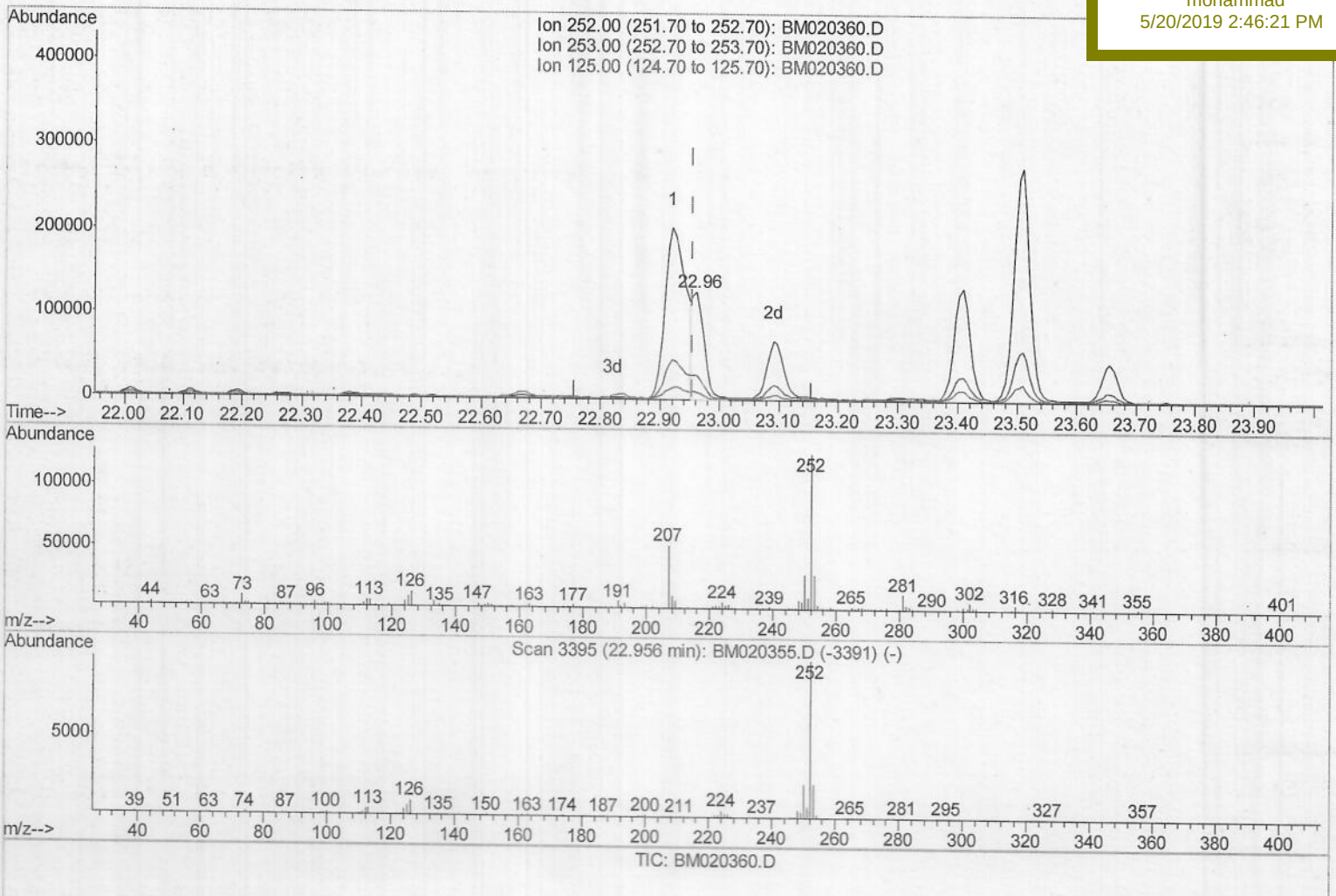
Manual Integrations APPROVED
mohammad
5/20/2019 2:46:21 PM



(88) Benzo(k)fluoranthene

22.962min (+0.006) 8.33ng/ul m) JU05/21/19

response 176674

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.67
125.00	6.30	7.04
0.00	0.00	0.00

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ALS Vial : 7 Sample Multiplier: 1

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Manual Integrations APPROVED
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5/20/2019 2:46:21 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	69088	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	259681	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	155973	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	351953	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	331575	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	378269	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.90	99	5285	0.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	3632	1.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	4501	1.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	3582	0.89	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	1891	1.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	1993	1.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	4655	1.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	5762	1.42	ng/ul	0.02
43) Dimethylphthalate-d6	13.80	166	18791	1.67	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	22723	1.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	287	0.18	ng/ul	-0.02
57) Fluorene-d10	15.38	176	18299	1.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	1225	0.61	ng/ul	0.00
70) Anthracene-d10	17.23	188	28748m	1.90	ng/ul	0.00
78) Pyrene-d10	19.53	212	31298	1.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	31283	1.82	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.57	128	976549	81.850	ng/ul	100
34) 2-Methylnaphthalene	12.19	142	338659	39.204	ng/ul	97
40) 1,1'-Biphenyl	13.22	154	42282	3.787	ng/ul	94
47) Acenaphthylene	14.11	152	325081	24.559	ng/ul	98
49) Acenaphthene	14.44	153	42198	4.637	ng/ul	98
53) Dibenzofuran	14.79	168	98352	7.137	ng/ul	98
58) Fluorene	15.44	166	273999	24.820	ng/ul	98
69) Phenanthrene	17.18	178	1788212	106.634	ng/ul	99
71) Anthracene	17.27	178	489496	28.695	ng/ul	99
74) Carbazole	17.54	167	23030	1.591	ng/ul#	90
76) Fluoranthene	19.20	202	1319788	62.303	ng/ul	98
79) Pyrene	19.57	202	1644250	82.618	ng/ul	98
82) Benzo(a)anthracene	21.32	228	666417	33.393	ng/ul	96
84) Chrysene	21.37	228	544219	28.535	ng/ul	96
87) Benzo(b)fluoranthene	22.92	252	489751	22.685	ng/ul	97
88) Benzo(k)fluoranthene	22.96	252	176674m	8.332	ng/ul	
90) Benzo(a)pyrene	23.51	252	499198	24.571	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	214707	9.274	ng/ul	96
92) Dibenzo(a,h)anthracene	25.91	278	60454	3.054	ng/ul#	89
93) Benzo(g,h,i)perylene	26.61	276	199451	10.408	ng/ul	98

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