Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

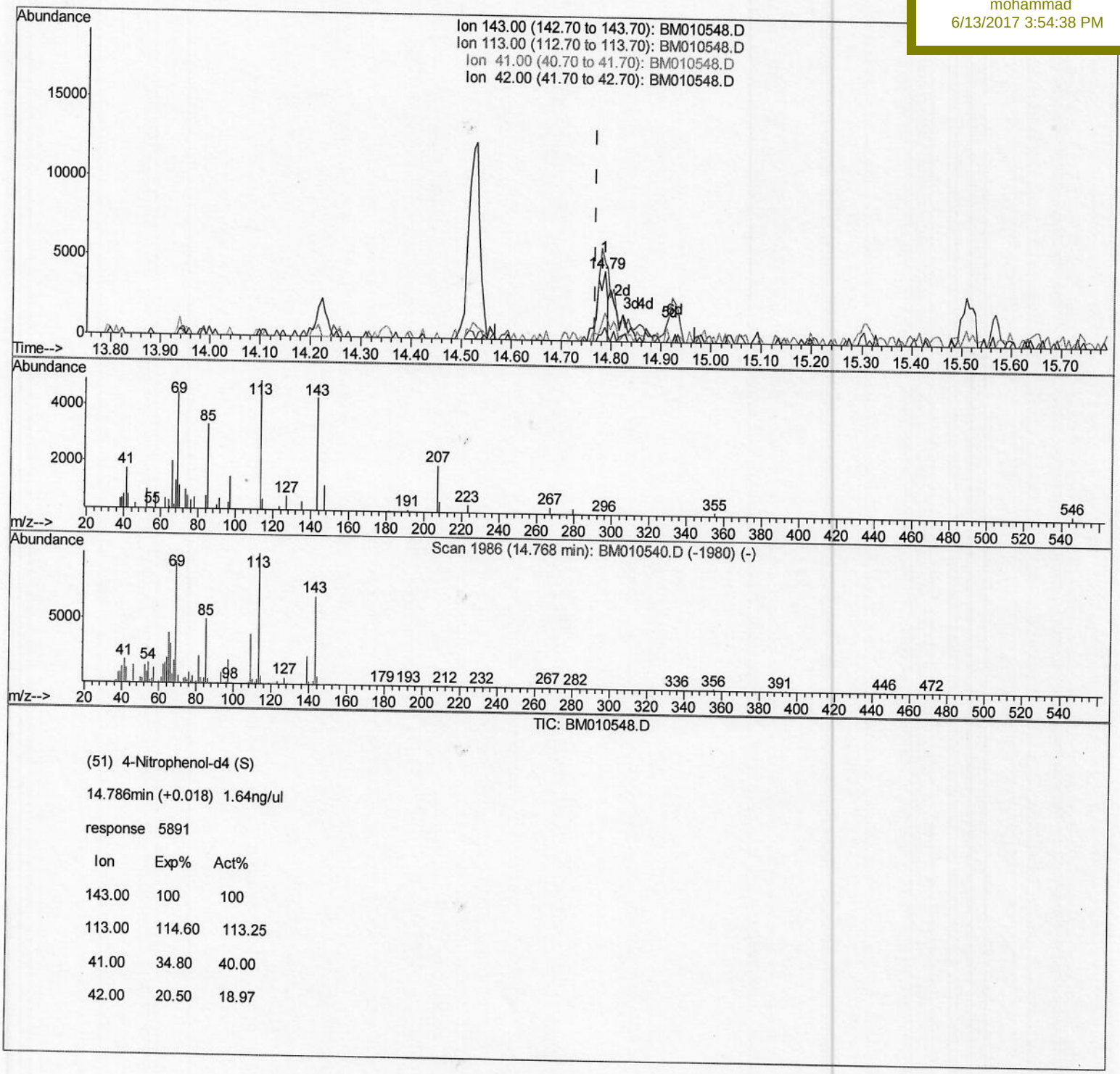
Quantitation Report (Qedit)

Data File : BM010548.D
Acq On : 12 Jun 2017 22:57
Operator : SJ/MA
Sample : I3521-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 13 03:35:10 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C55DL

Manual Integrations APPROVED
mohammad
6/13/2017 3:54:38 PM



TIC: BM010548.D

(51) 4-Nitrophenol-d4 (S)

14.786min (+0.018) 1.64ng/ul

response 5891

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	113.25
41.00	34.80	40.00
42.00	20.50	18.97

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (Qedit)

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Misc :
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Quant Time: Jun 13 03:35:10 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
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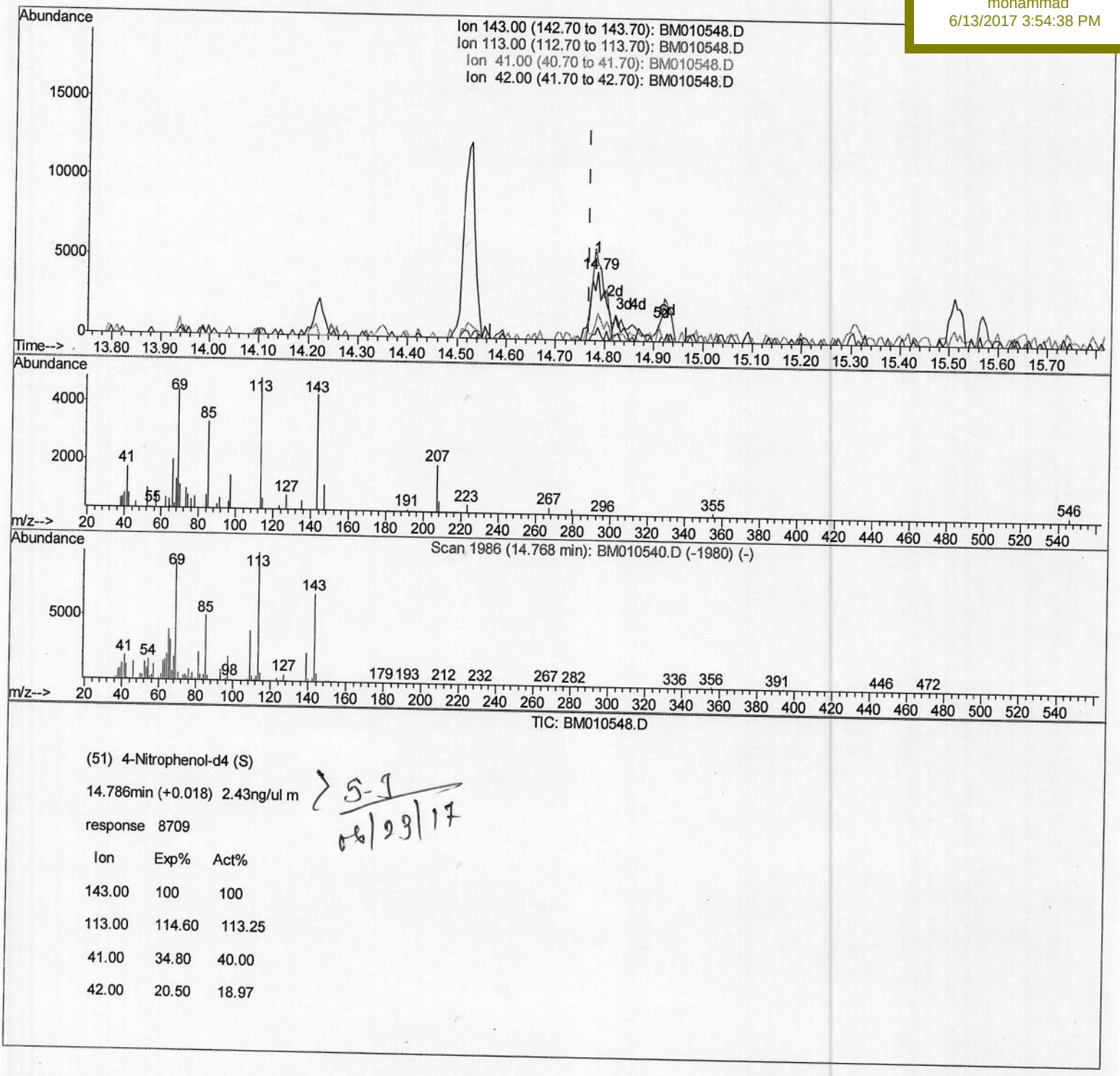
Instrument :
BNA_M
ClientSampleId :
F5C55DL

Manual Integrations APPROVED
mohammad
6/13/2017 3:54:38 PM



(51) 4-Nitrophenol-d4 (S)

14.786min (+0.018) 2.43ng/ul m

response 8709

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	113.25
41.00	34.80	40.00
42.00	20.50	18.97

5-1
06/23/17

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (Qedit)

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Operator : SJ/MA
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Misc :
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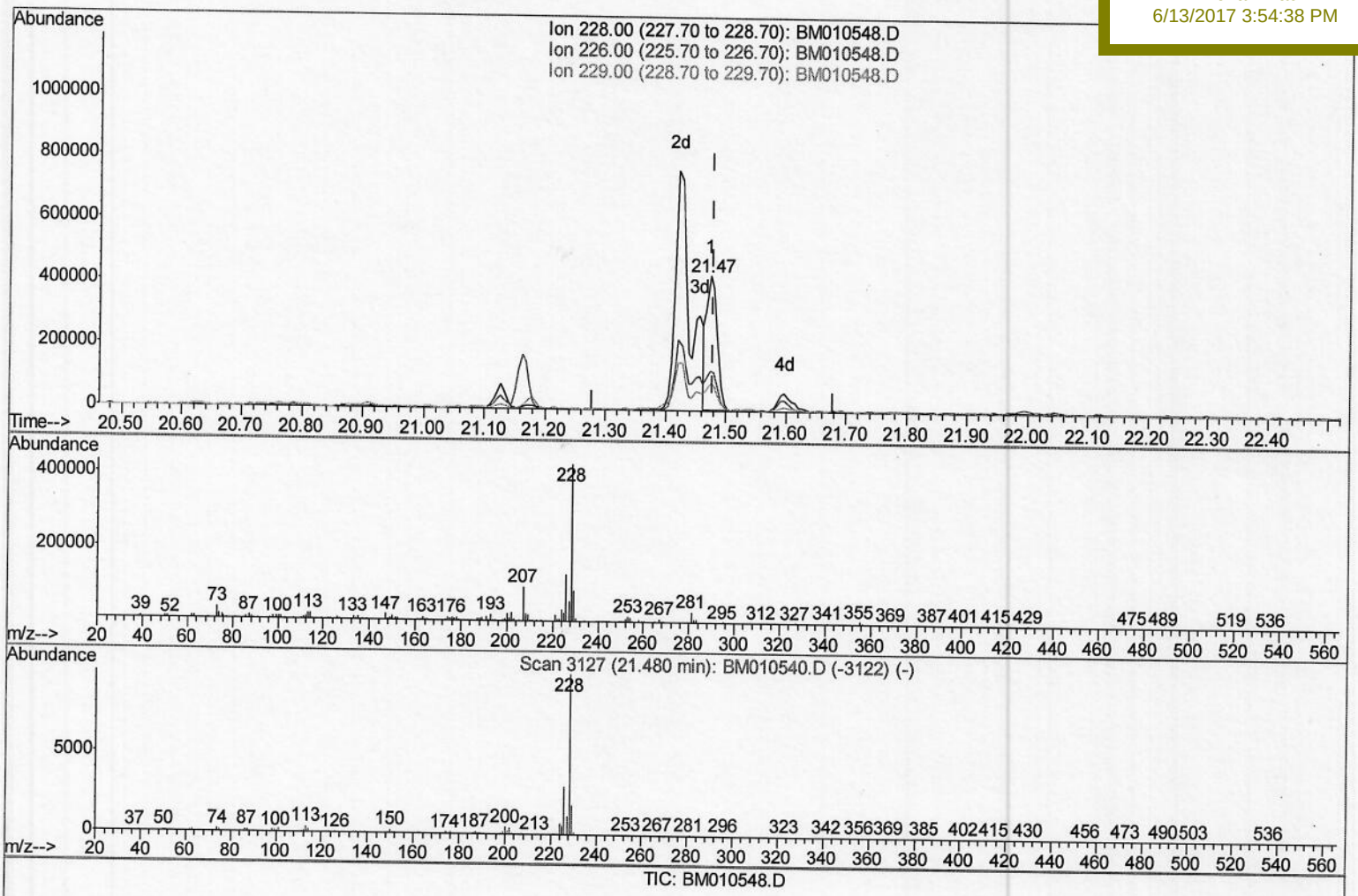
F5C55DL

Manual Integrations APPROVED
mohammad
6/13/2017 3:54:38 PM



TIC: BM010548.D

(82) Chrysene

21.474min (-0.006) 8.68ng/ul

response 513221

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.28
229.00	19.40	20.09
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

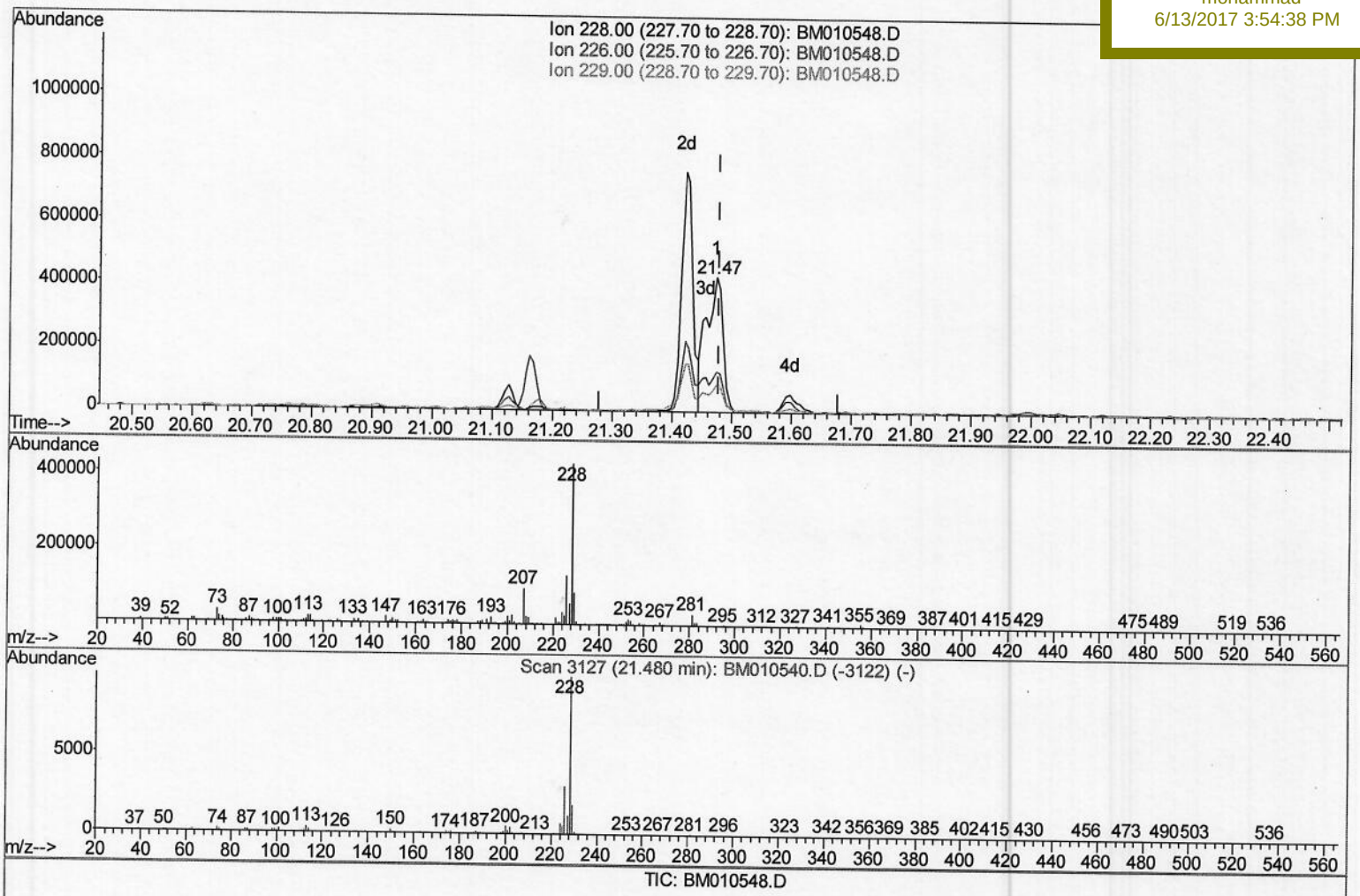
Quantitation Report (Qedit)

Data File : BM010548.D
Acq On : 12 Jun 2017 22:57
Operator : SJ/MA
Sample : I3521-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 13 03:35:10 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C55DL

Manual Integrations APPROVED
mohammad
6/13/2017 3:54:38 PM



TIC: BM010548.D

(82) Chrysene

21.474min (-0.006) 13.95ng/ul m

response 824512

> 9.9
06/23/17

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.28
229.00	19.40	20.09
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

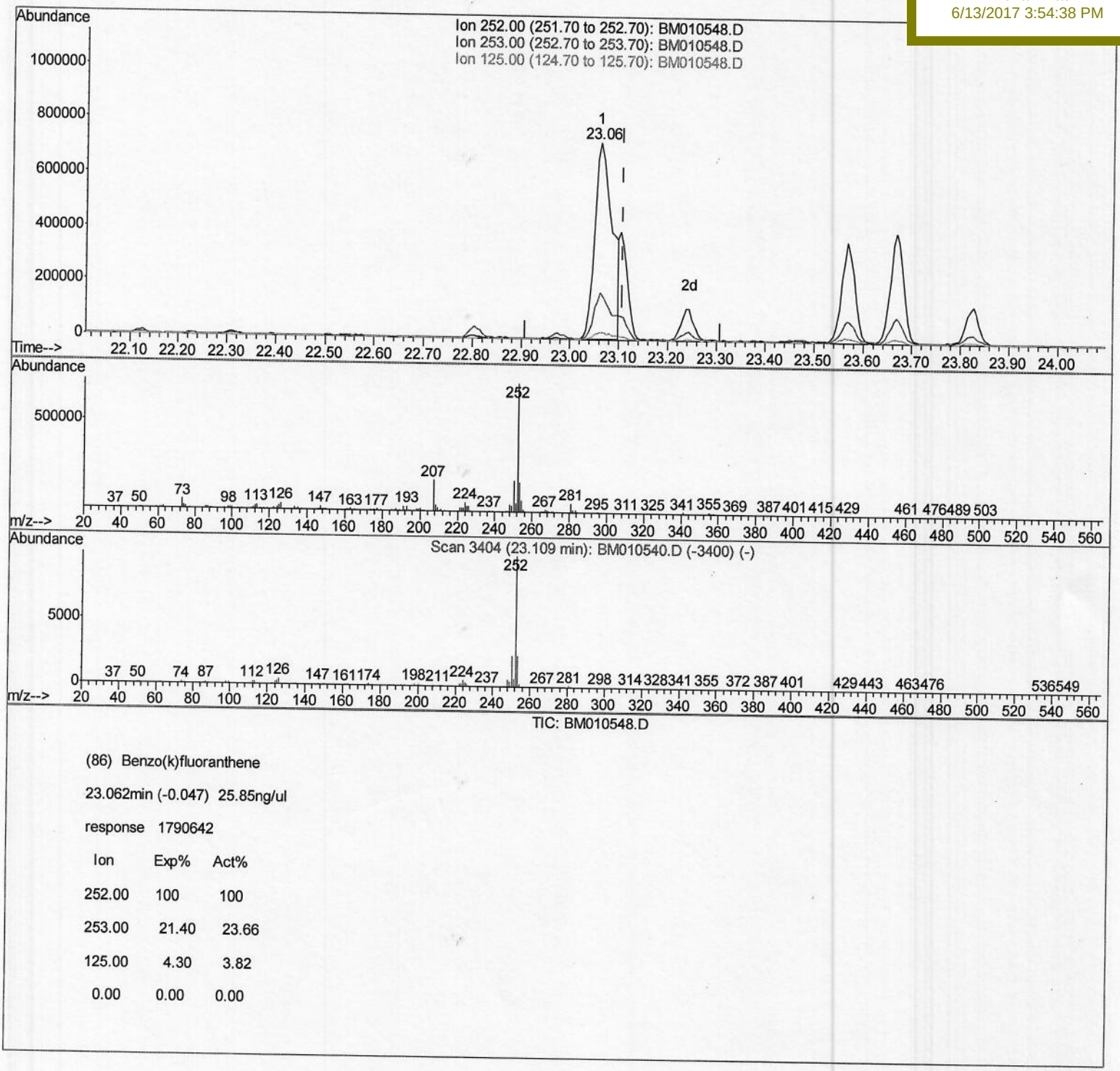
Quantitation Report (Qedit)

Data File : BM010548.D
Acq On : 12 Jun 2017 22:57
Operator : SJ/MA
Sample : I3521-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 13 03:35:10 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C55DL

Manual Integrations APPROVED
mohammad
6/13/2017 3:54:38 PM



TIC: BM010548.D

(86) Benzo(k)fluoranthene

23.062min (-0.047) 25.85ng/ul

response 1790642

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.66
125.00	4.30	3.82
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (Qedit)

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Sample : I3521-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 13 03:35:10 2017
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QLast Update : Tue Jun 13 03:33:28 2017
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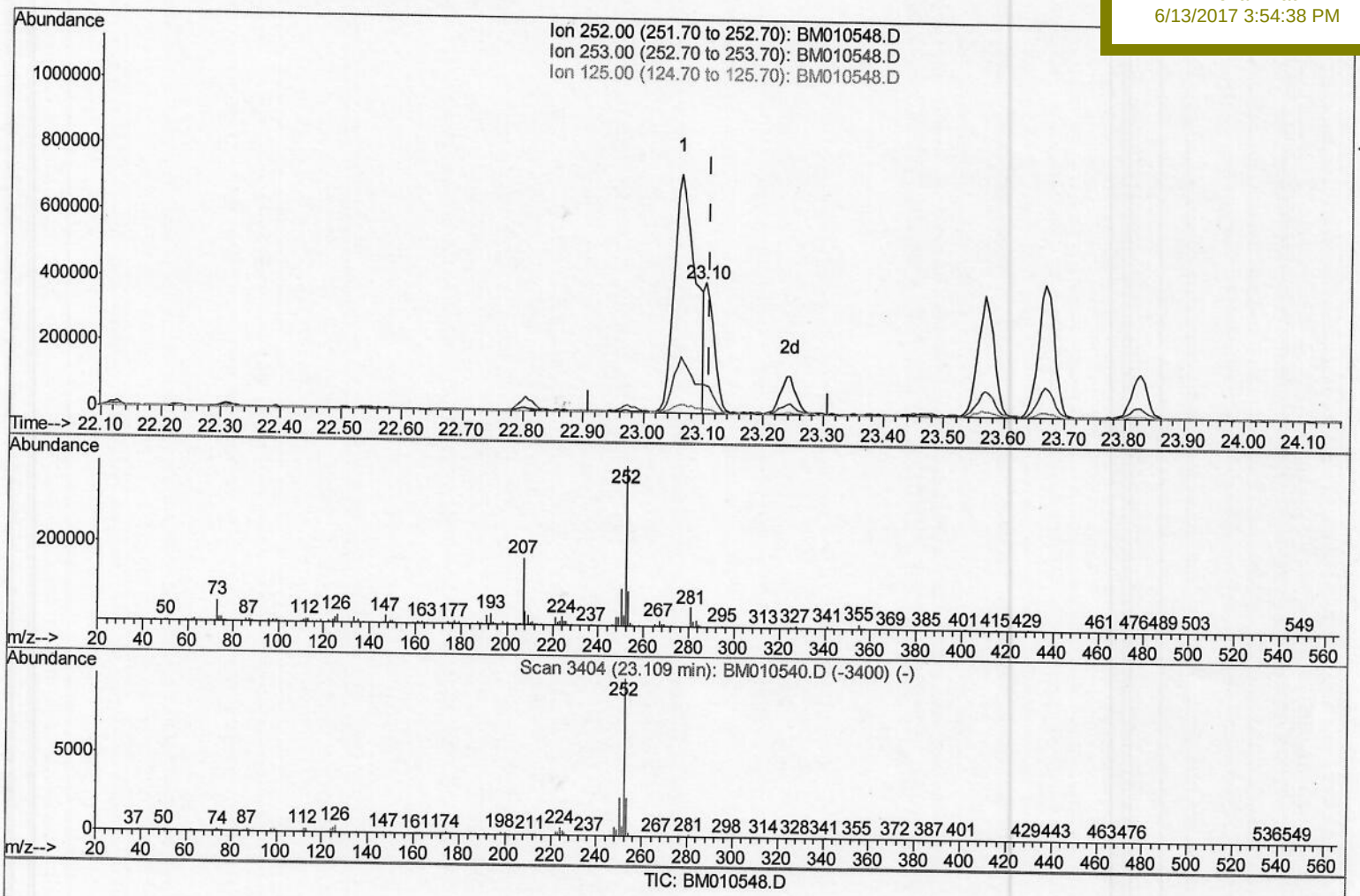
Instrument :
BNA_M
ClientSampleId :
F5C55DL

Manual Integrations APPROVED
mohammad
6/13/2017 3:54:38 PM



TIC: BM010548.D

(86) Benzo(k)fluoranthene

23.103min (-0.006) 6.51ng/ul m

response 450689

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.93
125.00	4.30	3.70
0.00	0.00	0.00

> 5.7
06/23/17

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (QT Reviewed)

Data File : BM010548.D
Acq On : 12 Jun 2017 22:57
Operator : SJ/MA
Sample : I3521-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 13 04:06:03 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : F5C55DL

Manual Integrations APPROVED
mohammad
6/13/2017 3:54:38 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	122777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	420323	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	288865	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	752080	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1159521	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1246178	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	2013	0.67	ng/uL	0.02
5) Phenol-d5	7.07	99	31696	3.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	17192	3.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	29111	3.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	25059	3.34	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	11539	3.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	13345	3.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	29717	4.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	25294	3.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	115041	4.79	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	120746	4.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	8709m	2.43	ng/ul	0.02
57) Fluorene-d10	15.52	176	98586	4.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	15952	2.99	ng/ul	0.00
70) Anthracene-d10	17.37	188	167950	4.59	ng/ul	0.00
76) Pyrene-d10	19.66	212	224146	4.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	270209	4.66	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.74	128	88411	4.19	ng/ul	97
34) 2-Methylnaphthalene	12.35	142	19422	1.22	ng/ul	90
44) Dimethylphthalate	13.99	163	86233	3.65	ng/ul	97
47) Acenaphthylene	14.25	152	61926	2.26	ng/ul	100
53) Dibenzofuran	14.93	168	40892	1.44	ng/ul	90
58) Fluorene	15.57	166	43844	1.88	ng/ul#	95
69) Phenanthrene	17.32	178	243074	6.05	ng/ul	96
71) Anthracene	17.40	178	140625	3.36	ng/ul	95
72) Carbazole	17.69	167	38069	1.07	ng/ul#	90
74) Fluoranthene	19.32	202	567227	11.49	ng/ul#	93
77) Pyrene	19.69	202	1978561	33.11	ng/ul#	92
80) Benzo(a)anthracene	21.42	228	1030879	15.77	ng/ul	96
82) Chrysene	21.47	228	824512m	13.95	ng/ul	
85) Benzo(b)fluoranthene	23.06	252	1790642	24.69	ng/ul	97
86) Benzo(k)fluoranthene	23.10	252	450689m	6.51	ng/ul	
88) Benzo(a)pyrene	23.67	252	754323	10.49	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.14	276	473450	5.21	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.15	278	139452	1.78	ng/ul#	88
91) Benzo(g,h,i)perylene	26.89	276	323581	4.33	ng/ul#	93

> 5.9 06/23/17

} 5.9 06/23/17

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

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Manual Integrations APPROVED
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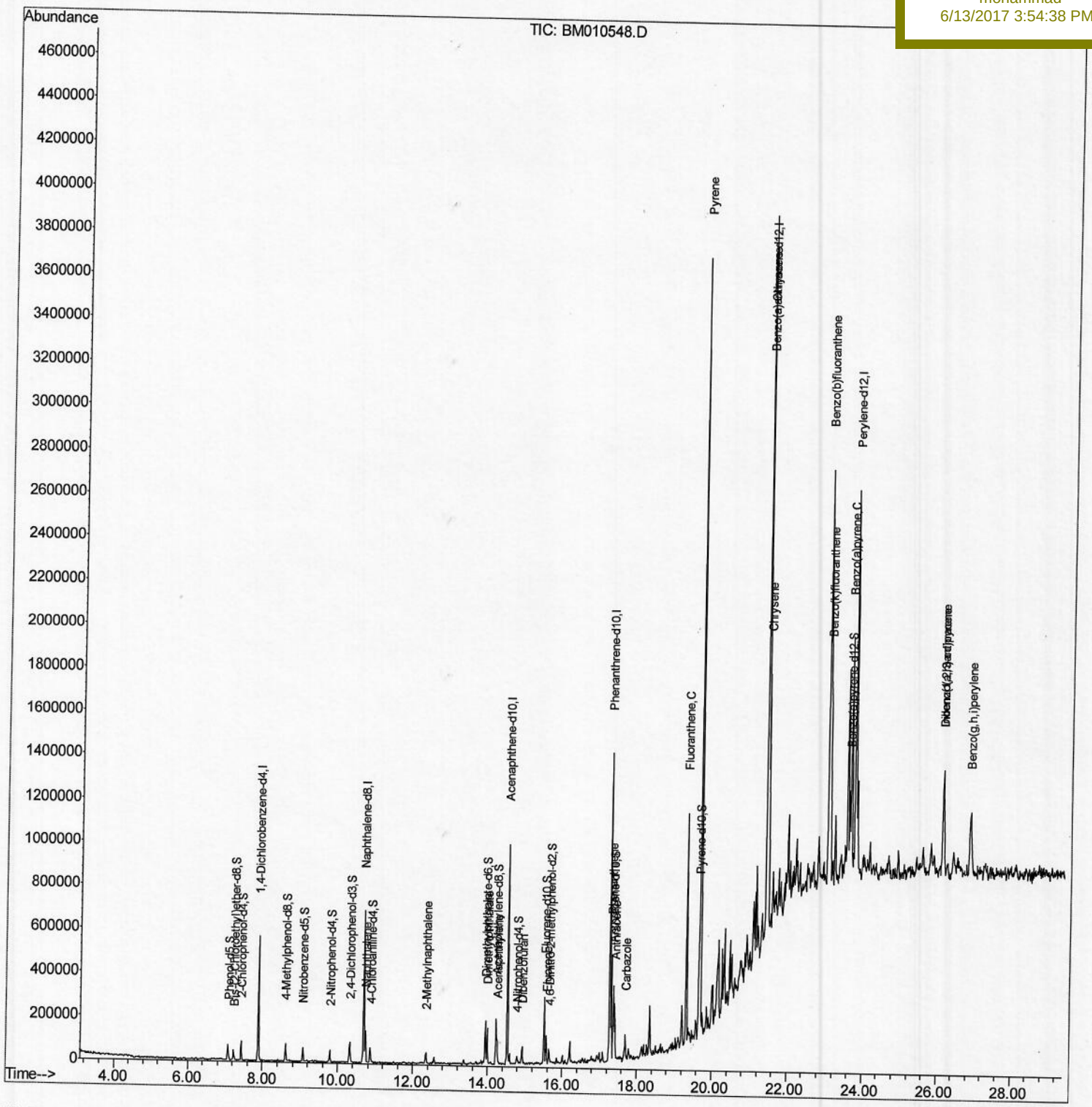

SOM-EPA-BM052717.M Tue Jun 13 04:06:52 2017