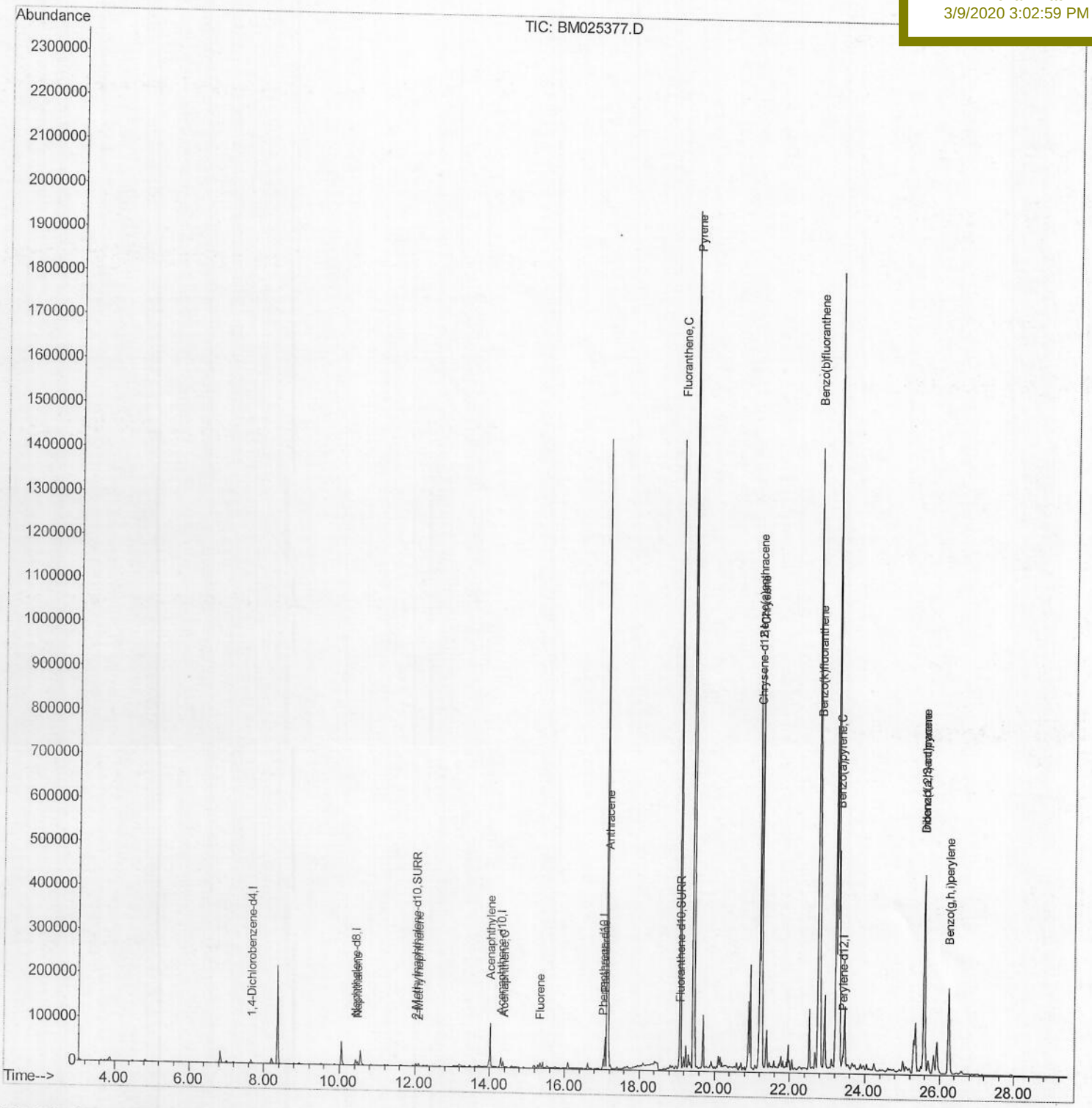
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025377.D
Acq On : 08 Mar 2020 09:37
Operator : CG/JU
Sample : L1616-10
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Mar 09 01:49:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDQ4

Manual Integrations APPROVED
mohammad
3/9/2020 3:02:59 PM



Quantitation Report (Qedit)

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Acq On : 08 Mar 2020 09:37
Operator : CG/JU
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Quant Time: Mar 09 01:14:53 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations APPROVED
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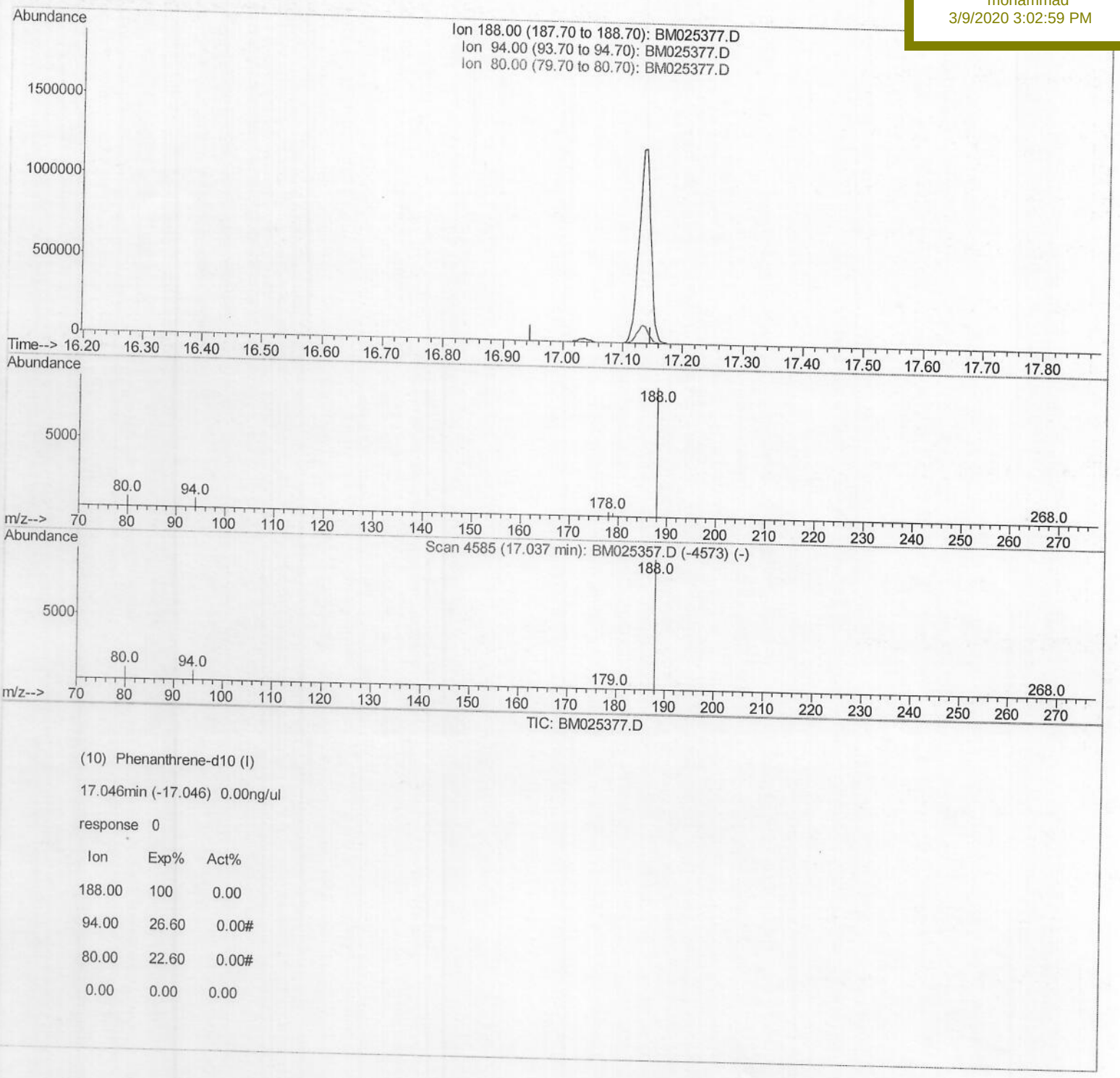

(10) Phenanthrene-d10 (I)

17.046min (-17.046) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	26.60	0.00#
80.00	22.60	0.00#
0.00	0.00	0.00

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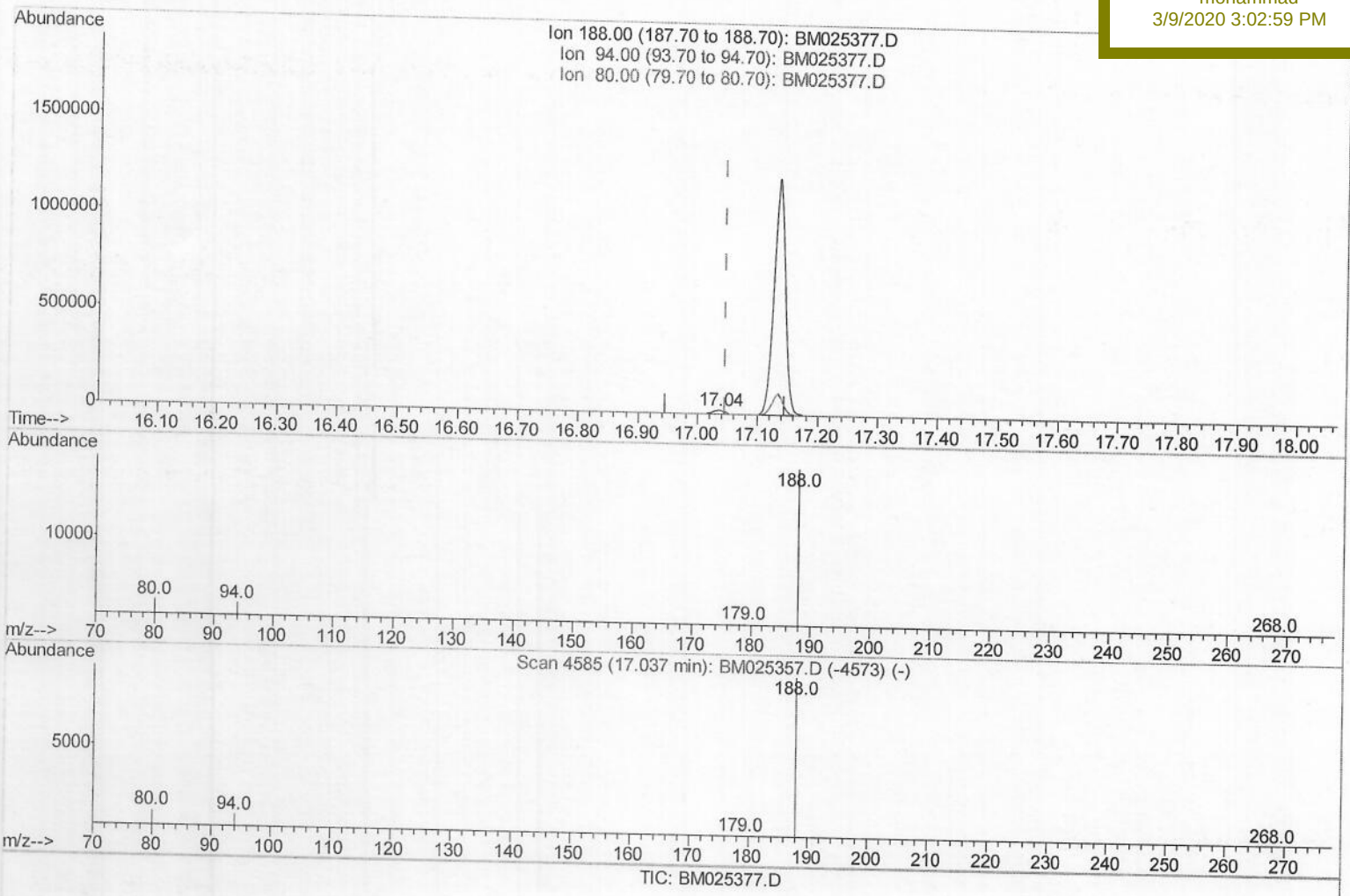

(10) Phenanthrene-d10 (I)

17.036min (-0.010) 0.40ng/ul m SV 03/11/20

response 26973

Ion	Exp%	Act%
188.00	100	100
94.00	26.60	8.16#
80.00	22.60	9.61#
0.00	0.00	0.00

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BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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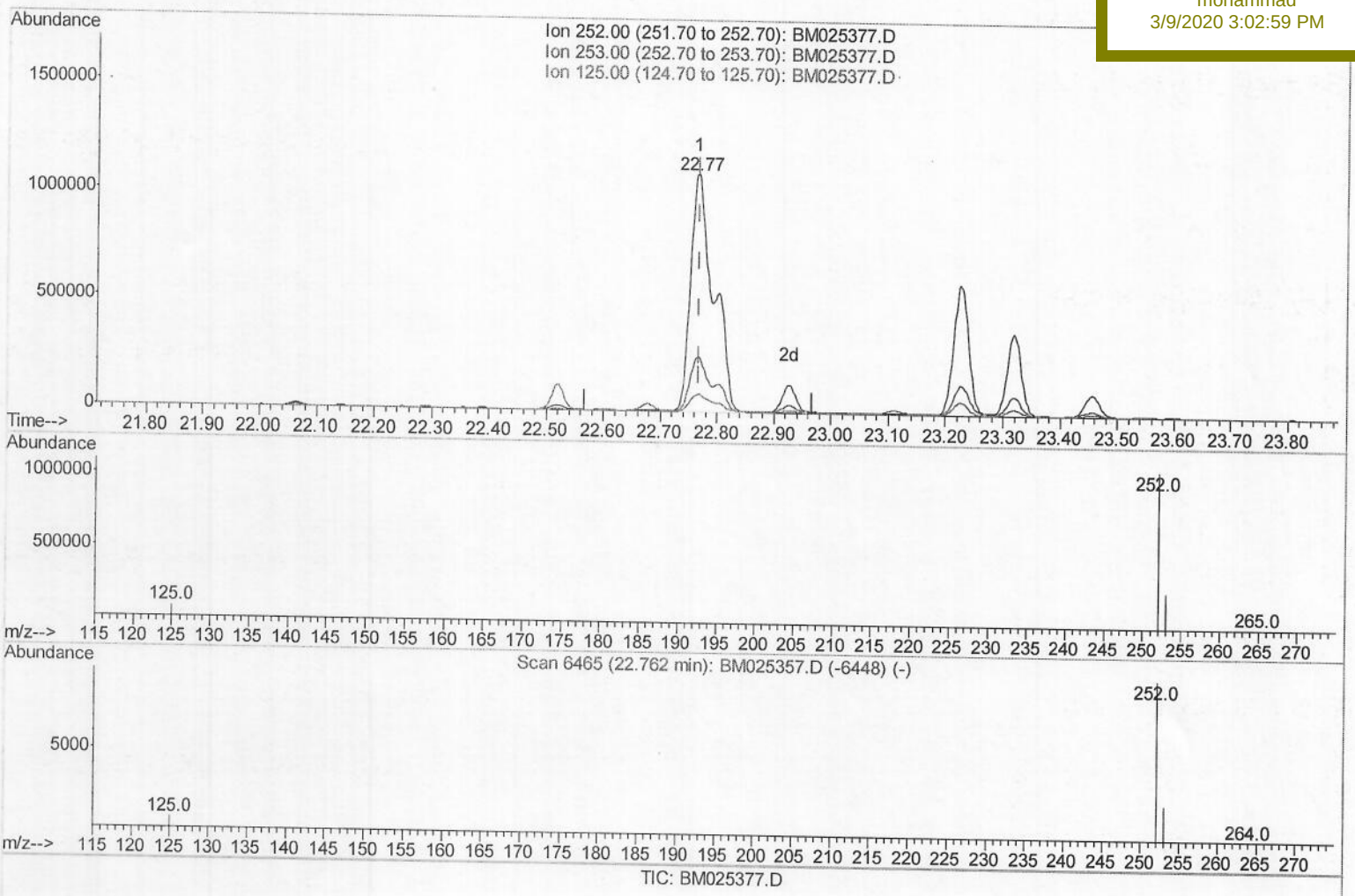

TIC: BM025377.D

(21) Benzo(b)fluoranthene

22.766min (-0.002) 22.71ng/ul

response 3036408

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	22.54
125.00	14.30	7.13
0.00	0.00	0.00

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BNA_M
ClientSampleId :
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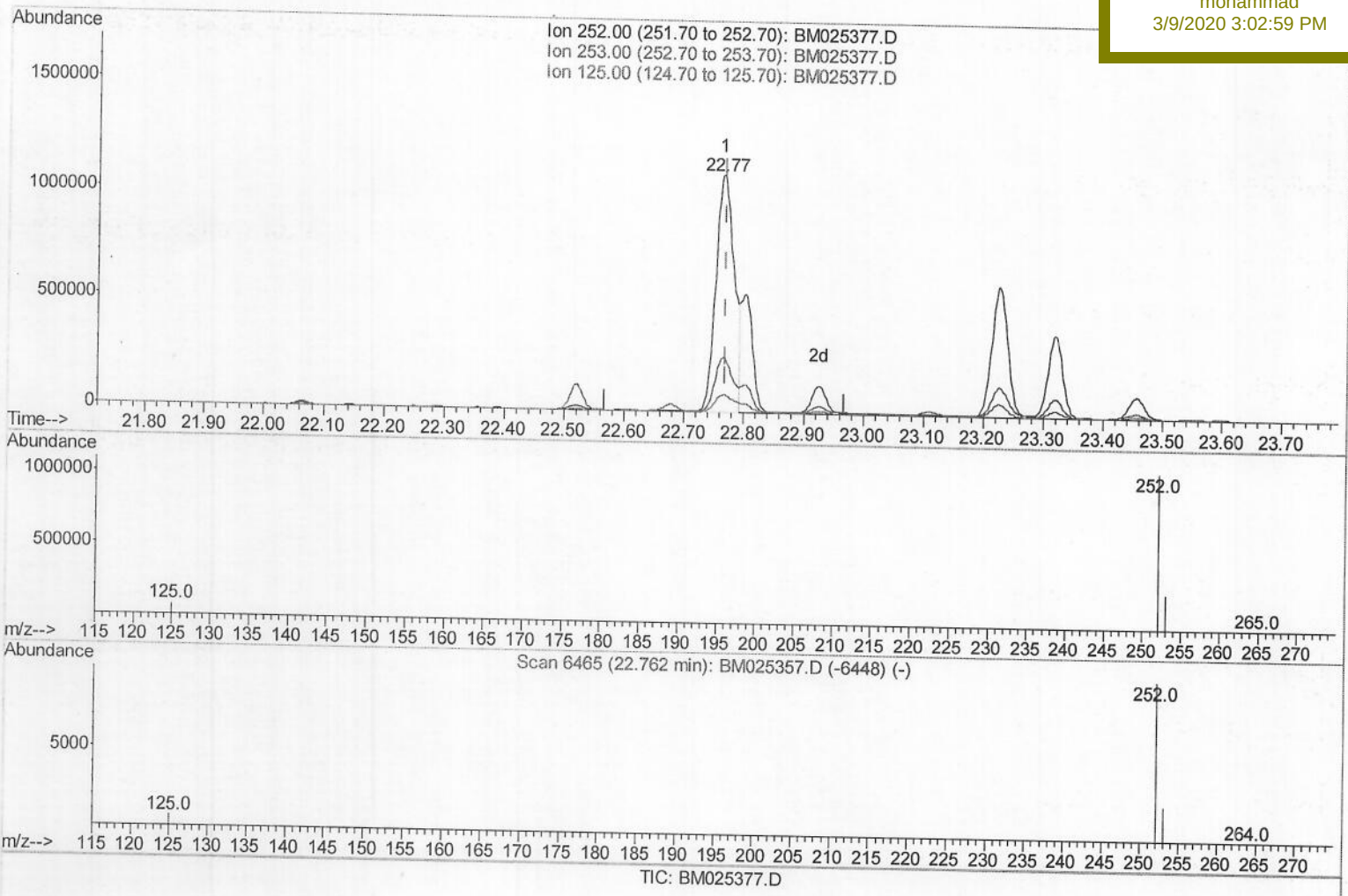
Manual Integrations APPROVED
mohammad
3/9/2020 3:02:59 PM



TIC: BM025377.D

(21) Benzo(b)fluoranthene

22.766min (-0.002) 17.42ng/ul m JV 03/11/20

response 2329006

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	22.54
125.00	14.30	7.13
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 63 Sample Multiplier: 1

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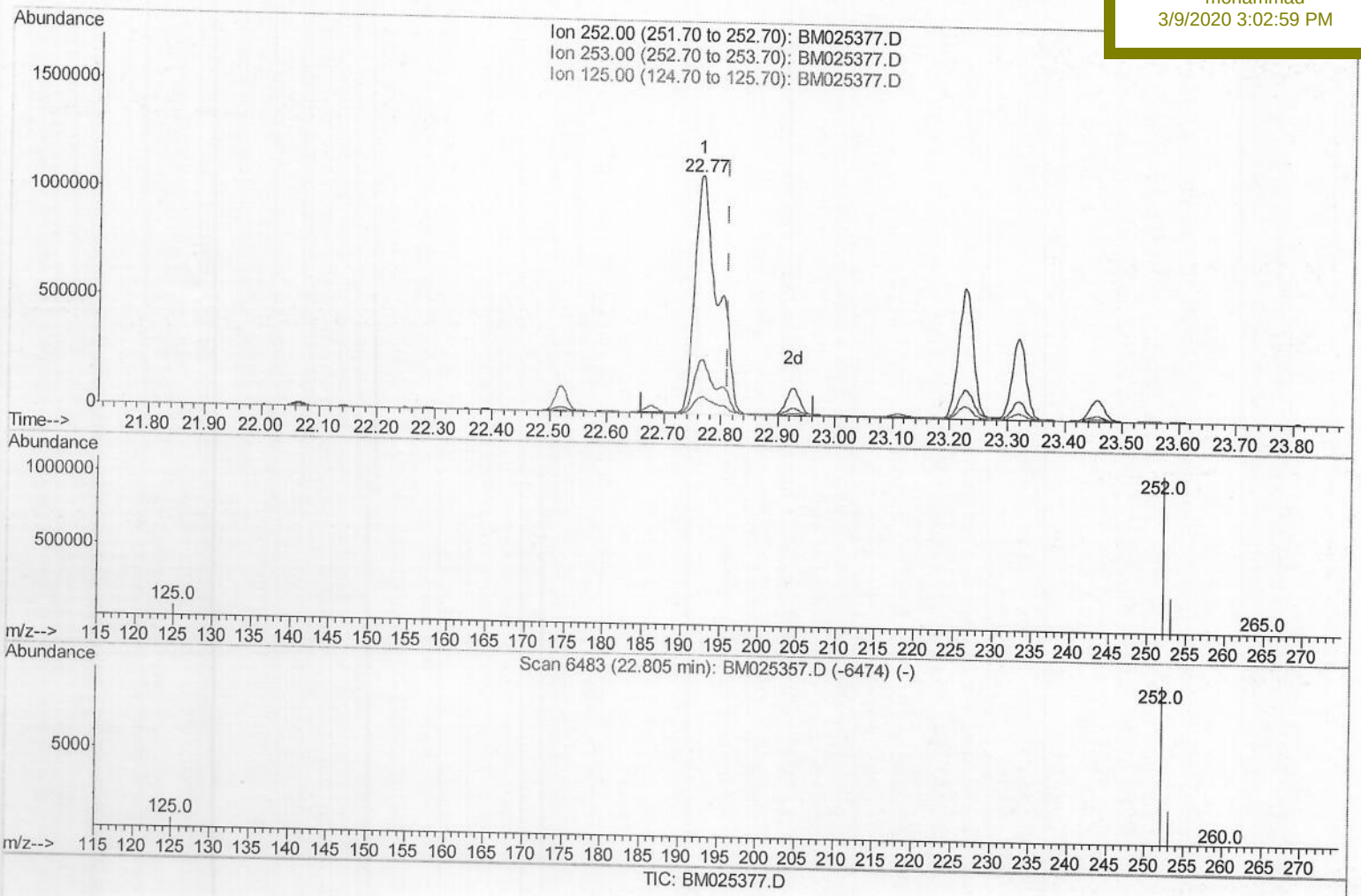
Instrument :
BNA_M
ClientSampleId :
DBDQ4

Manual Integrations APPROVED
mohammad
3/9/2020 3:02:59 PM



TIC: BM025377.D

(22) Benzo(k)fluoranthene

22.766min (-0.046) 21.66ng/ul

response 3036408

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	22.54
125.00	13.40	7.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Mar 09 01:48:48 2020
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QLast Update : Wed Mar 04 08:02:03 2020
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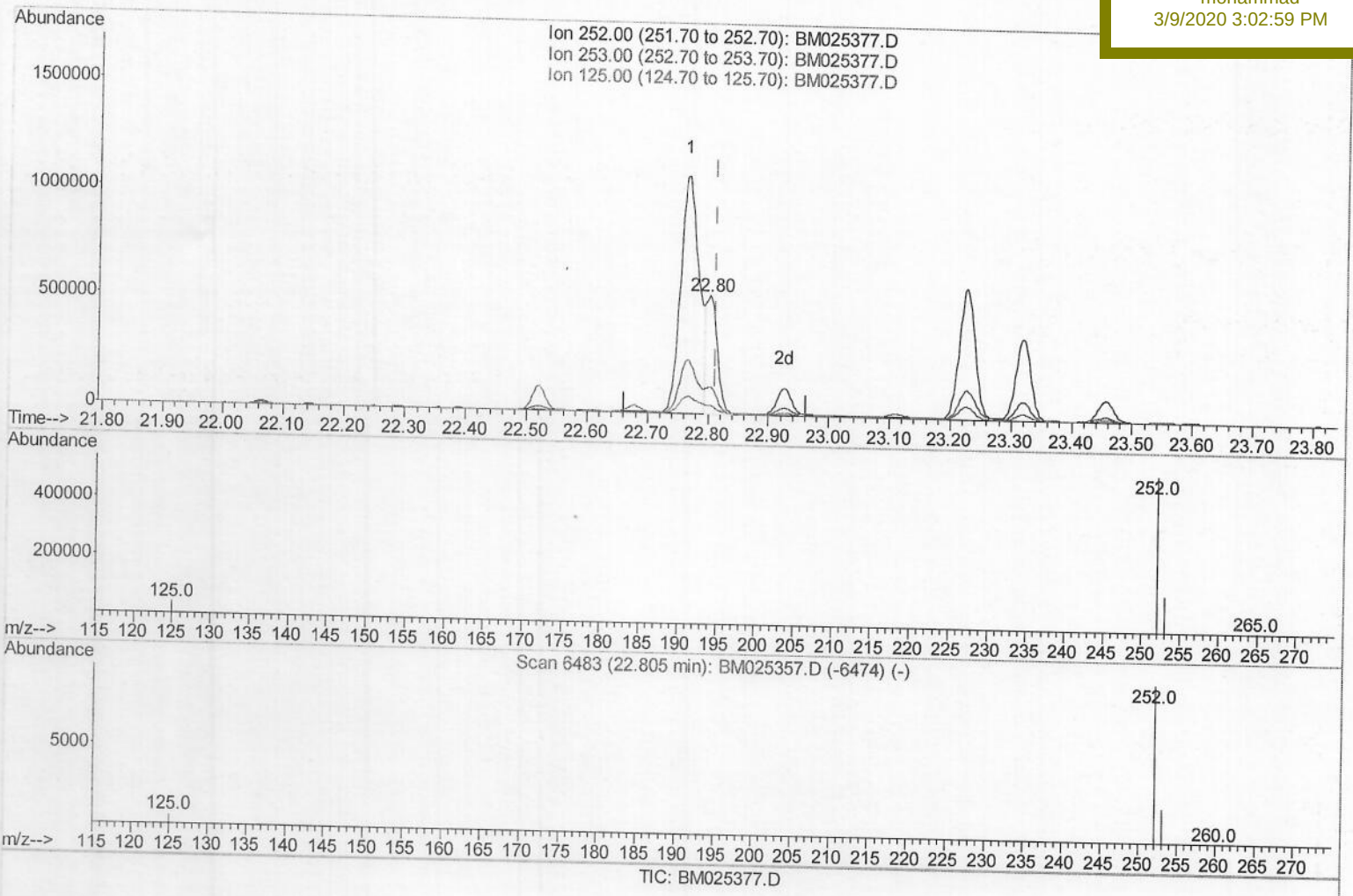
Instrument :
BNA_M
ClientSampleId :
DBDQ4

Manual Integrations APPROVED
mohammad
3/9/2020 3:02:59 PM



TIC: BM025377.D

(22) Benzo(k)fluoranthene

22.803min (-0.010) 5.10ng/ul m SDV 03/11/20

response 714999

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	23.23
125.00	13.40	7.37#
0.00	0.00	0.00

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ALS Vial : 63 Sample Multiplier: 1

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.67	152	3786	0.40	ng/ul	-0.01	
2) Naphthalene-d8	10.43	136	16089	0.40	ng/ul	-0.01	
6) Acenaphthene-d10	14.29	164	11349	0.40	ng/ul	-0.01	
10) Phenanthrene-d10	17.04	188	26973m	0.40	ng/ul	-0.01	DV 03/11/20
16) Chrysene-d12	21.22	240	30653	0.40	ng/ul	0.00	
20) Perylene-d12	23.41	264	33414	0.40	ng/ul	0.00	
System Monitoring Compounds							
4) 2-Methylnaphthalene-d10	12.03	152	7899	0.26	ng/ul	-0.01	
14) Fluoranthene-d10	19.06	212	24224	0.28	ng/ul	-0.01	
Target Compounds						Qvalue	
3) Naphthalene	10.48	128	9228	0.191	ng/ul#	84	
5) 2-Methylnaphthalene	12.10	142	4055	0.115	ng/ul	100	
7) Acenaphthylene	14.01	152	62674	1.179	ng/ul	93	
8) Acenaphthene	14.36	153	8198	0.199	ng/ul	99	
9) Fluorene	15.34	166	8400	0.163	ng/ul	95	
12) Phenanthrene	17.08	178	75912	0.873	ng/ul	95	
13) Anthracene	17.17	178	405172	5.249	ng/ul	95	
15) Fluoranthene	19.09	202	1250285	11.485	ng/ul	96	
17) Pyrene	19.46	202	1446643	12.444	ng/ul	96	
18) Benzo(a)anthracene	21.21	228	730017	6.479	ng/ul	99	
19) Chrysene	21.26	228	1086864	8.779	ng/ul	99	
21) Benzo(b)fluoranthene	22.77	252	2329006m	17.421	ng/ul		DV 03/11/20
22) Benzo(k)fluoranthene	22.80	252	714999m	5.100	ng/ul		
23) Benzo(a)pyrene	23.32	252	639736	5.700	ng/ul#	89	
24) Indeno(1,2,3-cd)pyrene	25.59	276	695995	4.975	ng/ul#	100	
25) Dibenzo(a,h)anthracene	25.59	278	164684	1.420	ng/ul#	95	
26) Benzo(g,h,i)perylene	26.25	276	399980	3.366	ng/ul#	91	

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