

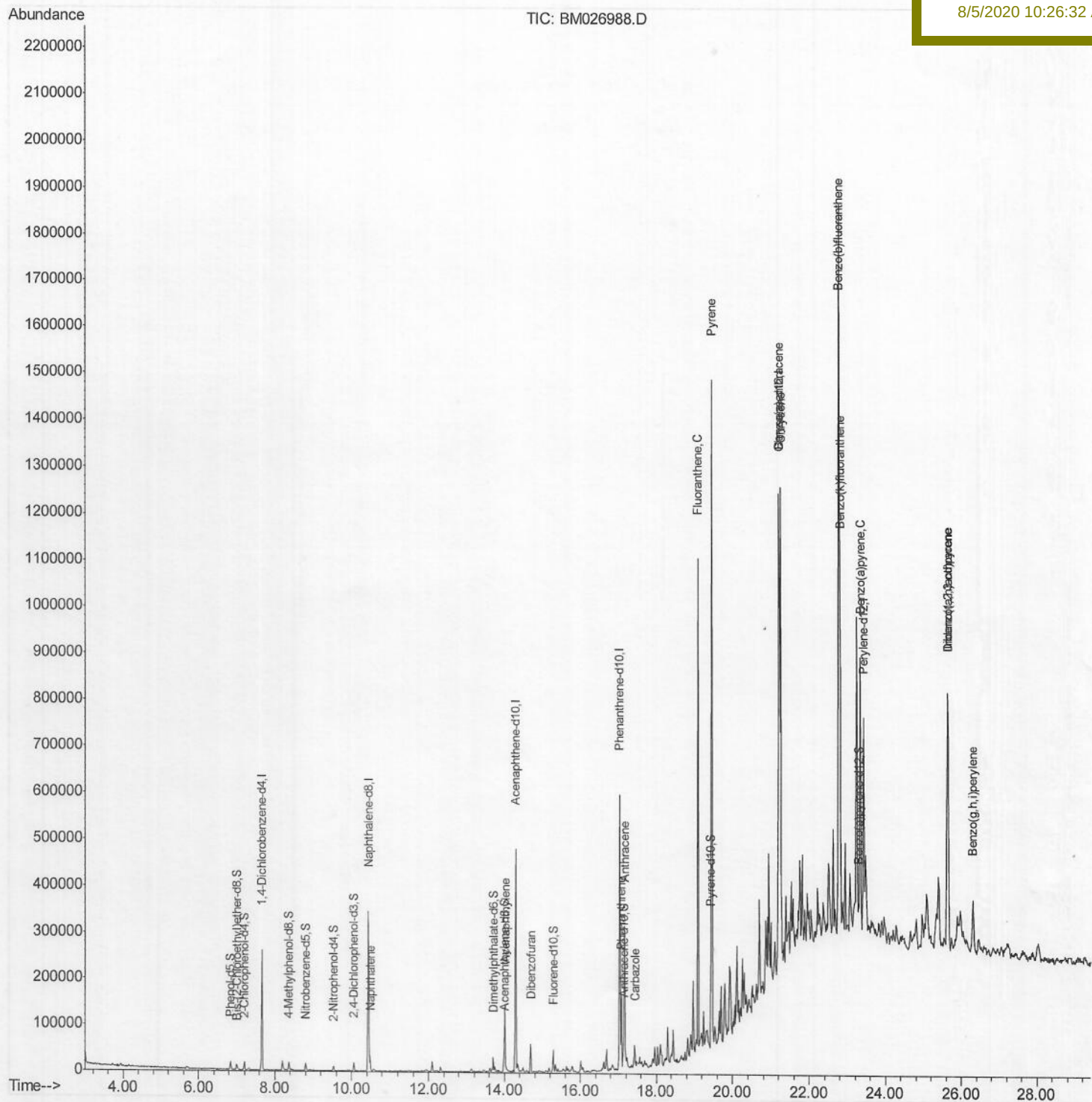
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026988.D
Acq On : 03 Aug 2020 21:03
Operator : JU/CG
Sample : L3424-17DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 04 04:44:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Instrument :
BNA_M
Client Sample Id :
C0S92DL

Manual Integrations
APPROVED

mohammad
8/5/2020 10:26:32 AM



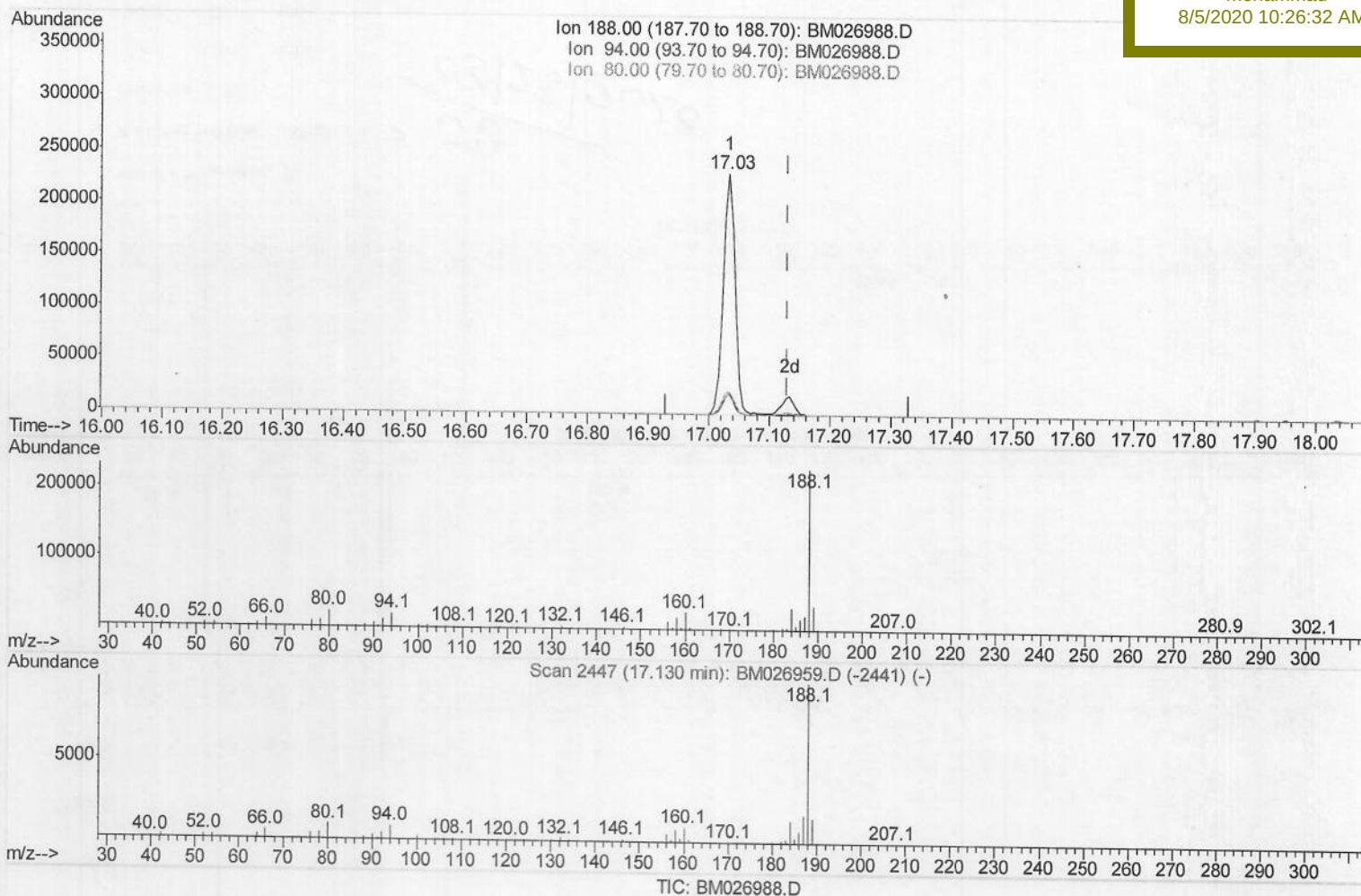
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026988.D
Acq On : 03 Aug 2020 21:03
Operator : JU/CG
Sample : L3424-17DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 04 02:37:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0S92DL

Manual Integrations
APPROVED

mohammad
8/5/2020 10:26:32 AM



(71) Anthracene-d10 (S)

17.033min (-0.097) 20.01ng/ul

response 308990

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.49
80.00	9.90	9.65
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026988.D
Acq On : 03 Aug 2020 21:03
Operator : JU/CG
Sample : L3424-17DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 04 02:37:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

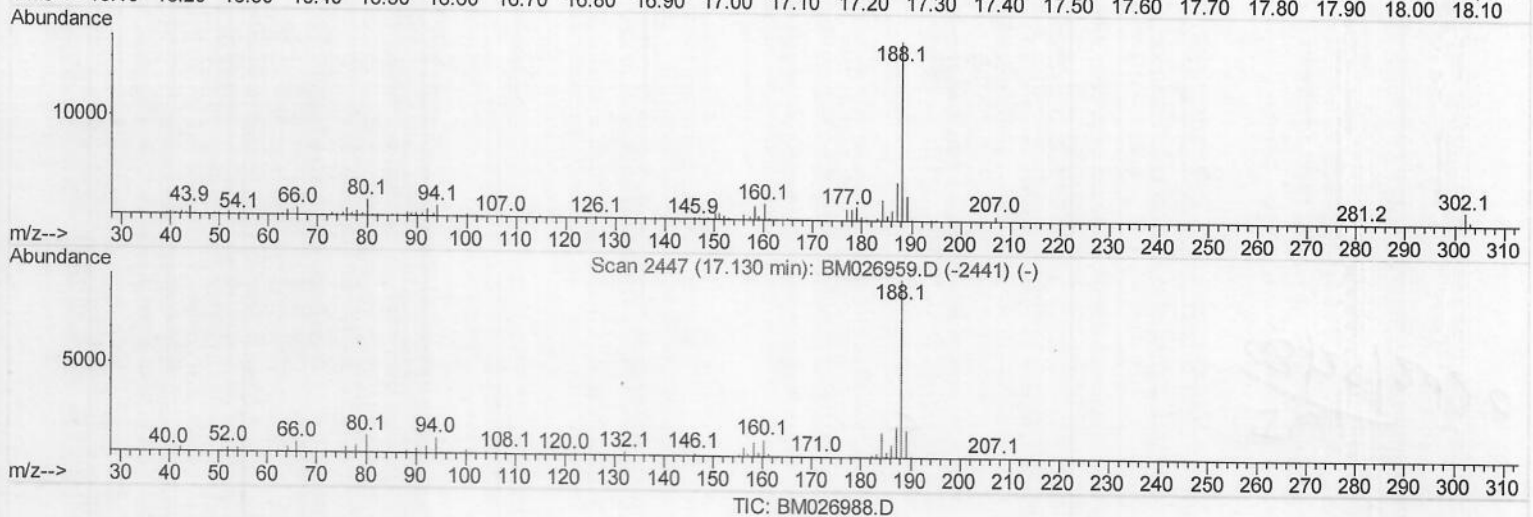
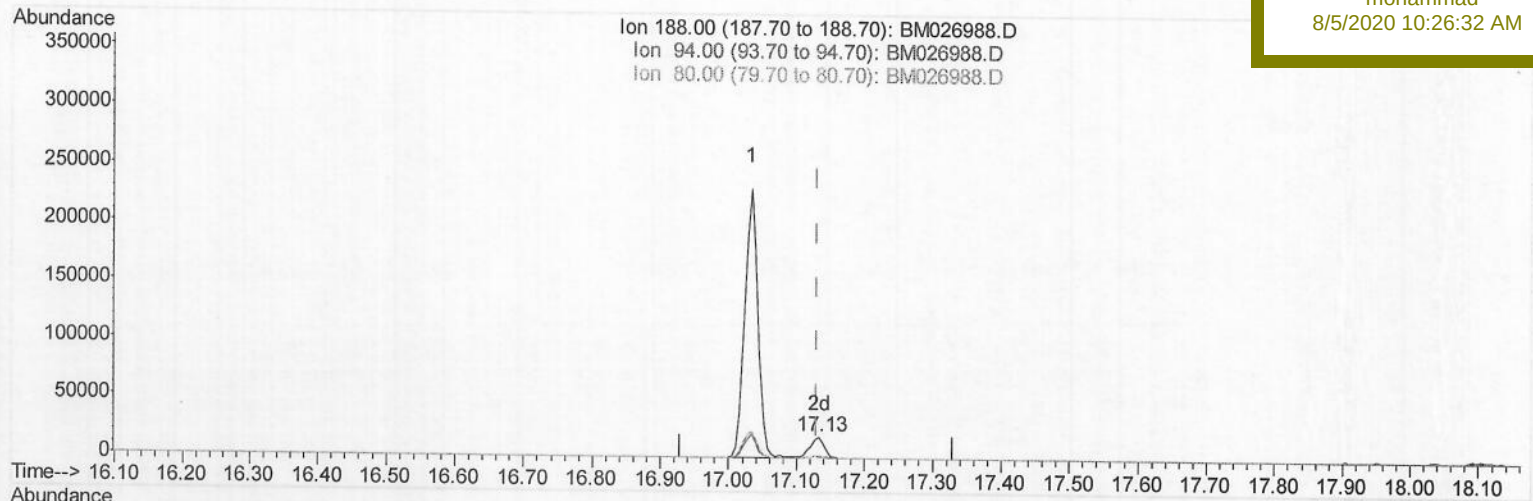
C0S92DL

Manual Integrations

APPROVED

mohammad

8/5/2020 10:26:32 AM



(71) Anthracene-d10 (S)

17.133min (+0.003) 1.70ng/ul m -> 08/05/2020 JU

response 26213

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	6.63#
80.00	9.90	9.60
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\

Data File : BM026988.D

Acq On : 03 Aug 2020 21:03

Operator : JU/CG

Sample : L3424-17DL 25X

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 04 02:37:44 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Aug 03 10:21:18 2020

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

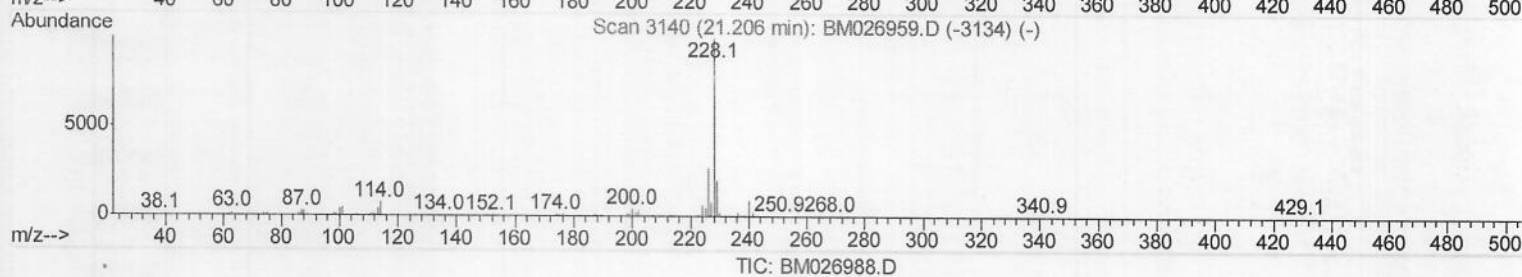
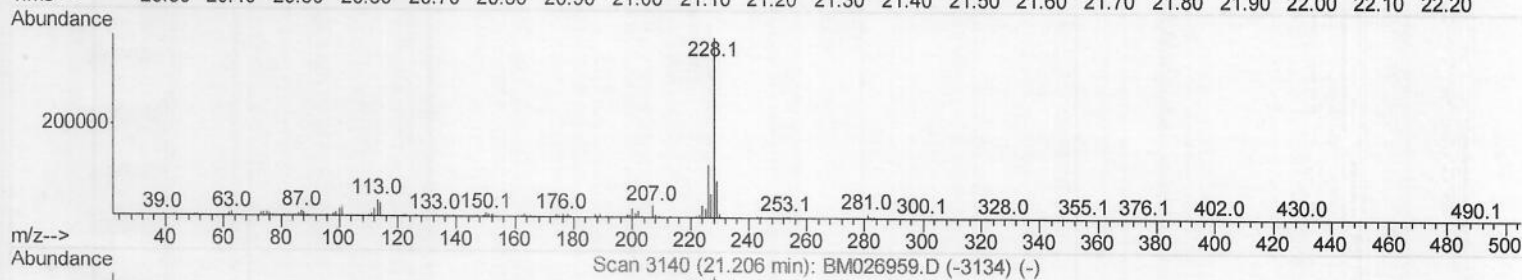
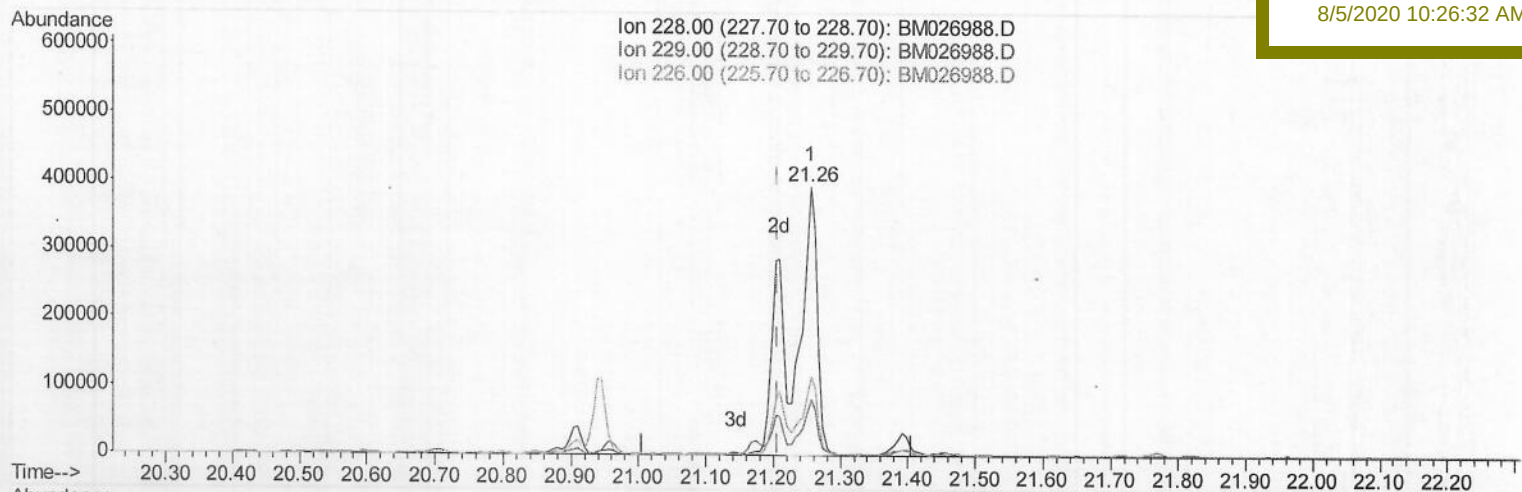
C0S92DL

Manual Integrations

APPROVED

mohammad

8/5/2020 10:26:32 AM



(83) Benzo(a)anthracene

21.256min (+0.050) 29.62ng/ul

response 615490

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	20.75
226.00	26.10	29.34
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026988.D
Acq On : 03 Aug 2020 21:03
Operator : JU/CG
Sample : L3424-17DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 04 02:37:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Instrument :

BNA_M

Client Sample Id :

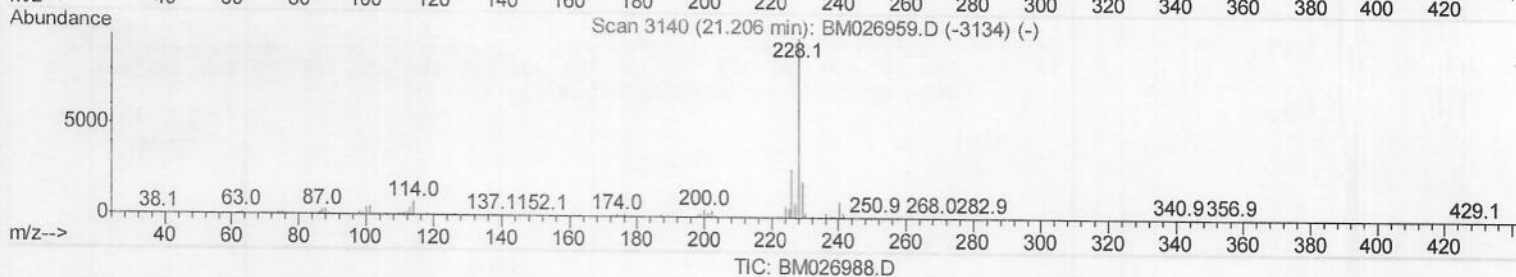
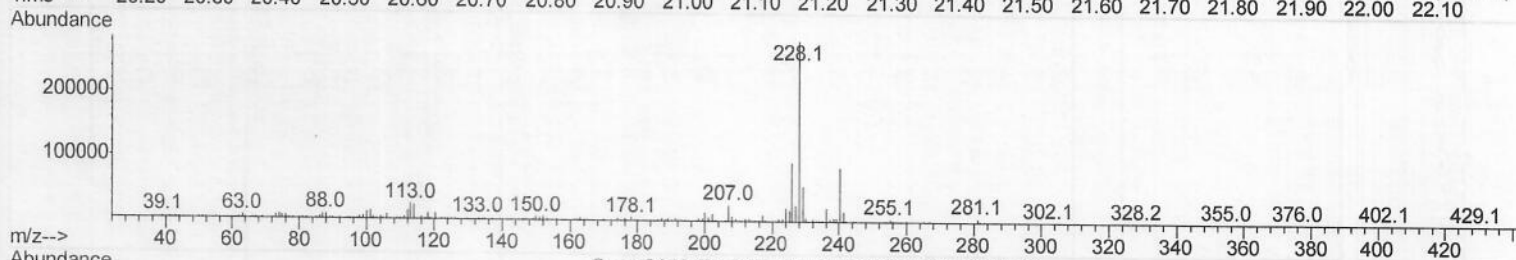
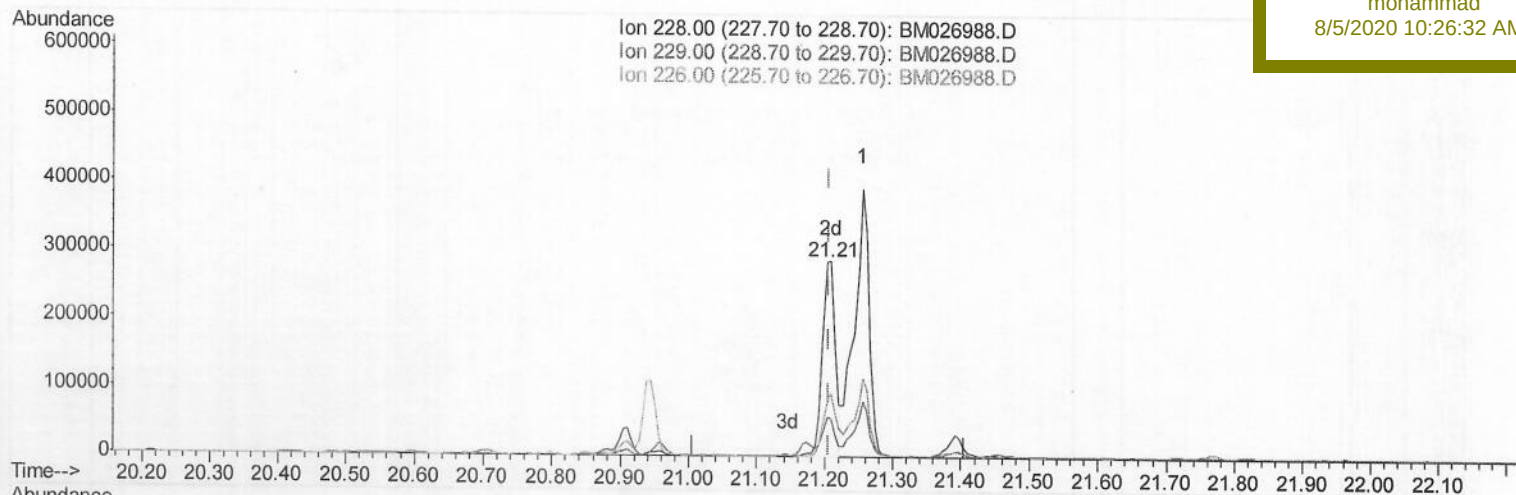
C0S92DL

Manual Integrations

APPROVED

mohammad

8/5/2020 10:26:32 AM



(83) Benzo(a)anthracene

21.209min (+0.003) 18.48ng/ul m -> 08/05/2020 JU

response 384125

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	19.97
226.00	26.10	33.02#
0.00	0.00	0.00

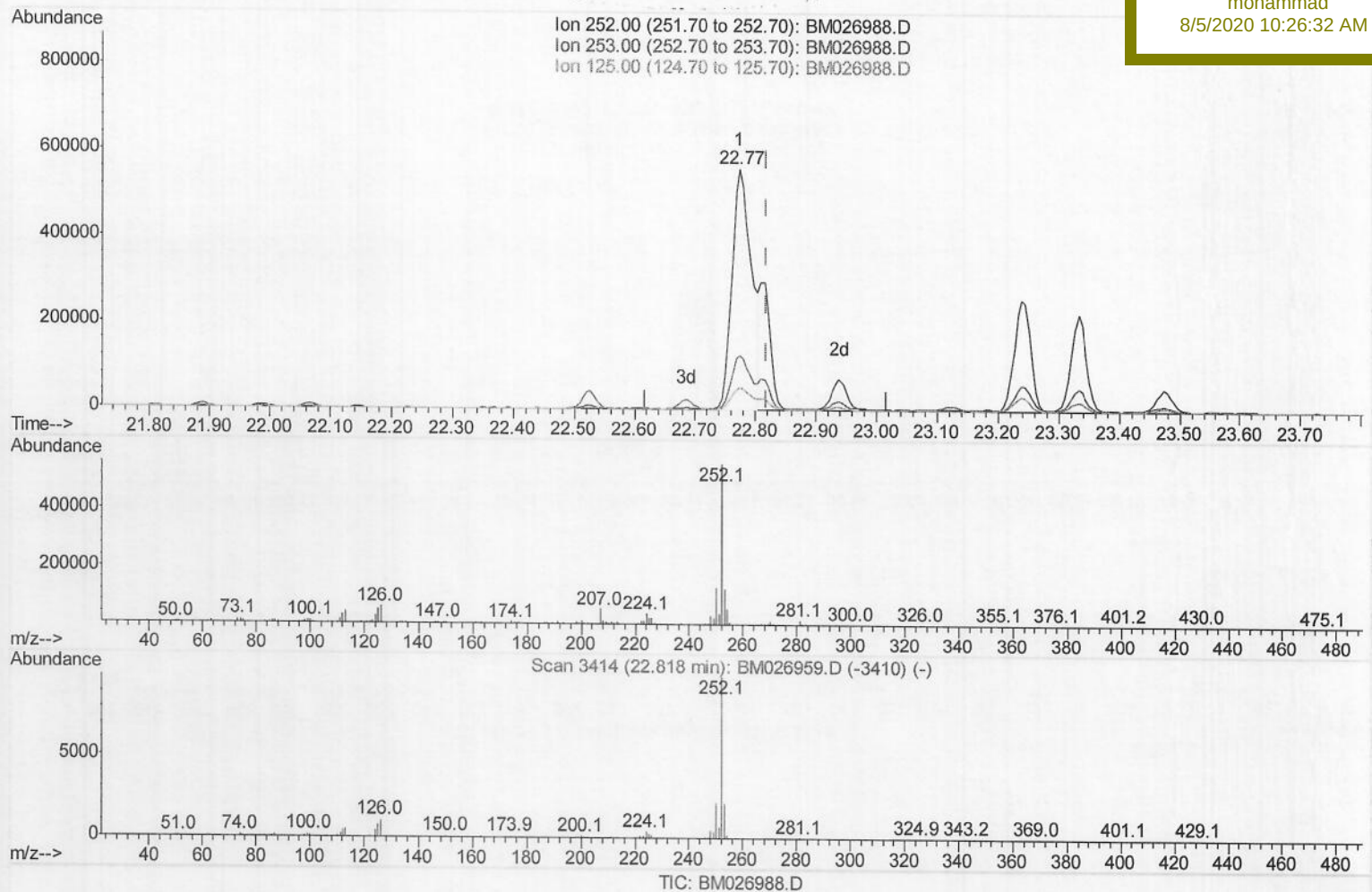
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026988.D
Acq On : 03 Aug 2020 21:03
Operator : JU/CG
Sample : L3424-17DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 04 02:37:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0S92DL

Manual Integrations
APPROVED

mohammad
8/5/2020 10:26:32 AM



(89) Benzo(k)fluoranthene

22.774min (-0.044) 60.71ng/ul

response 1258350

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.39
125.00	9.10	9.07
0.00	0.00	0.00

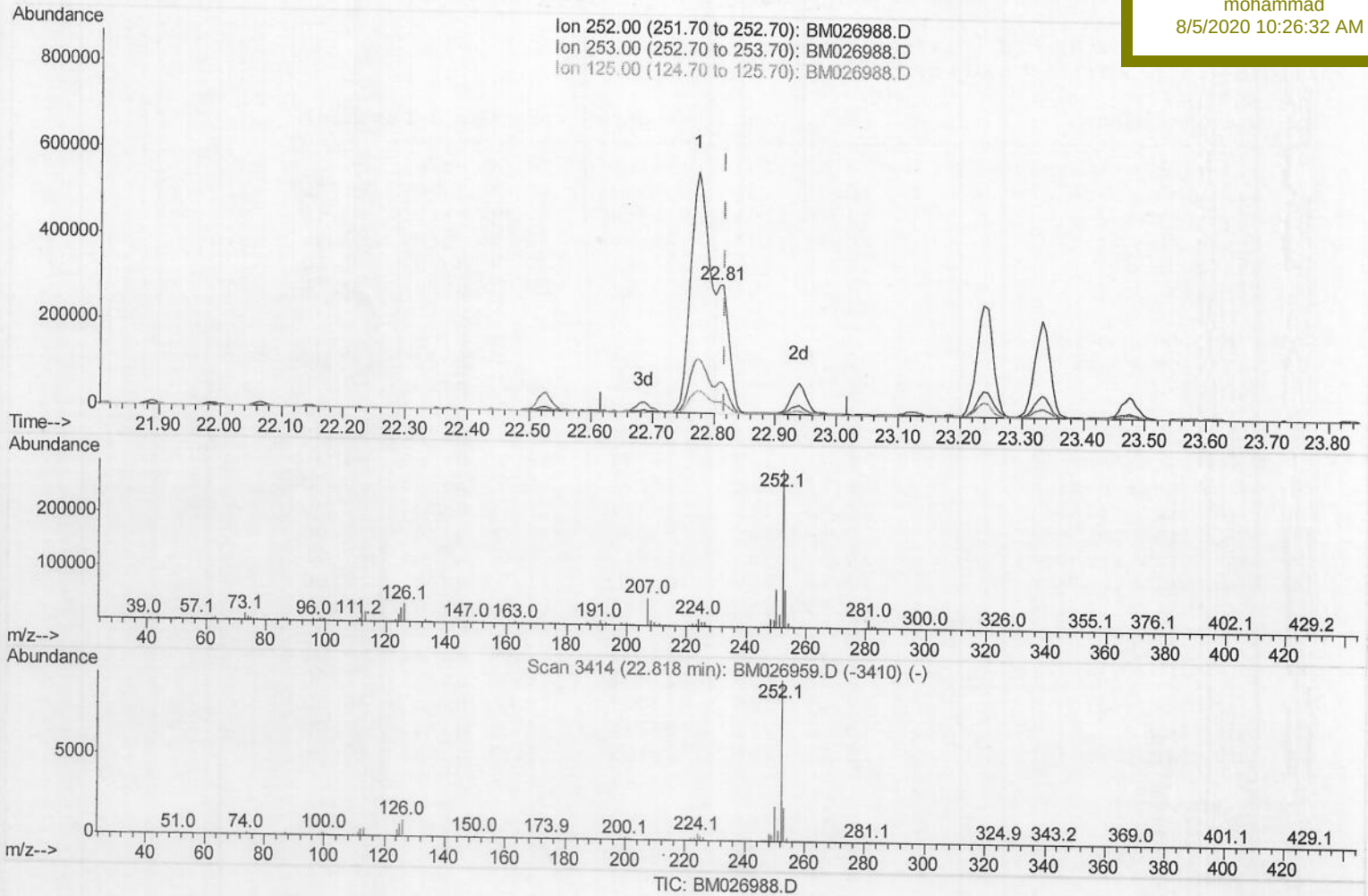
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
 Data File : BM026988.D
 Acq On : 03 Aug 2020 21:03
 Operator : JU/CG
 Sample : L3424-17DL 25X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 04 02:37:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 10:21:18 2020
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 C0S92DL

Manual Integrations
 APPROVED

mohammad
 8/5/2020 10:26:32 AM



(89) Benzo(k)fluoranthene

22.809min (-0.009) 17.28ng/ul m -> 08/05/2020 JU

response 358189

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.12
125.00	9.10	9.03
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
 Data File : BM026988.D
 Acq On : 03 Aug 2020 21:03
 Operator : JU/CG
 Sample : L3424-17DL 25X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 04 04:44:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 10:21:18 2020
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sample ID :
 C0S92DL

Manual Integrations
 APPROVED

mohammad
 8/5/2020 10:26:32 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	63401	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	250996	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	150180	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	308990	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	301488	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	301945	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	305	0.22	ng/uL	0.00
5) Phenol-d5	6.84	99	8005	1.44	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.00	67	5852	1.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	6341	1.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	5669	1.33	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	3194	1.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	3075	1.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	5834	1.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	3334	0.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	19271	1.64	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	22599	1.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	1759	0.88	ng/ul	0.00
58) Fluorene-d10	15.29	176	16671	1.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	1231	0.89	ng/ul	0.00
71) Anthracene-d10	17.13	188	26213m →	1.70	ng/ul	0.00
79) Pyrene-d10	19.43	212	26868	1.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	25524	1.50	ng/ul	0.00

08/05/2020 JU

Target Compounds

						Ovalue
28) Naphthalene	10.48	128	23849	1.701	ng/ul	97
48) Acenaphthylene	14.01	152	101790	6.685	ng/ul	97
54) Dibenzofuran	14.69	168	33346	2.293	ng/ul	96
70) Phenanthrene	17.07	178	87101	4.644	ng/ul	95
72) Anthracene	17.16	178	197261	10.232	ng/ul	98
75) Carbazole	17.43	167	27748	1.628	ng/ul	98
77) Fluoranthene	19.09	202	574487	25.941	ng/ul	100
80) Pyrene	19.46	202	792479	36.129	ng/ul	98
83) Benzo(a)anthracene	21.21	228	384125m →	18.485	ng/ul	
85) Chrysene	21.26	228	615490	30.373	ng/ul	98
88) Benzo(b)fluoranthene	22.77	252	1258350	58.257	ng/ul	99
89) Benzo(k)fluoranthene	22.81	252	358189m →	17.281	ng/ul	
91) Benzo(a)pyrene	23.33	252	382683	19.634	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.63	276	486686	20.128	ng/ul	95
93) Dibenz(a,h)anthracene	25.64	278	121872	5.959	ng/ul	97
94) Benzo(a,h,i)perylene	26.31	276	121779	6.091	ng/ul	94

08/05/2020 JU

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