

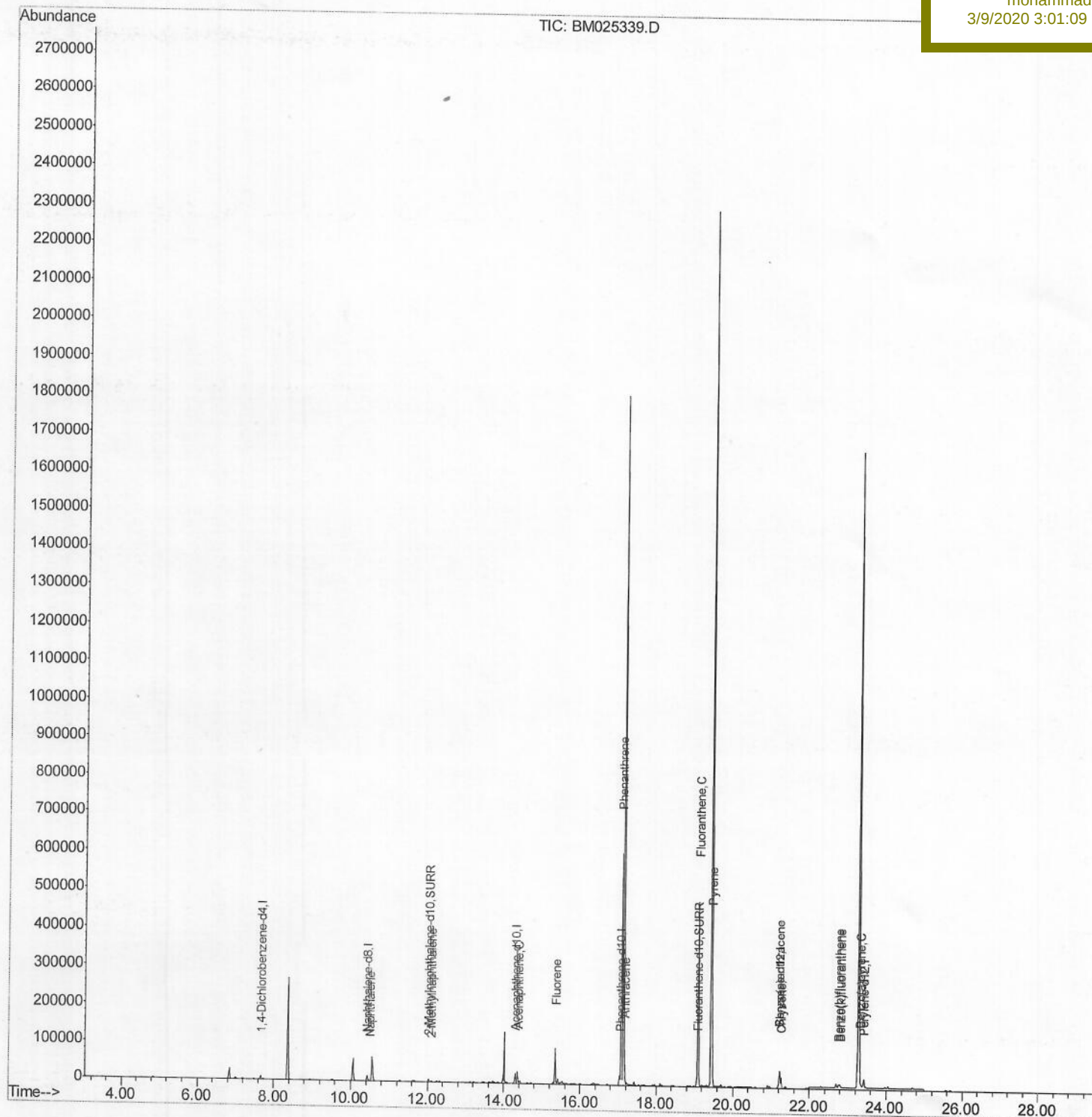
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025339.D
Acq On : 07 Mar 2020 08:06
Operator : CG/JU
Sample : L1612-24
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 07 19:59:28 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 : Sat Mar 07 19:35:17 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDM6

Manual Integrations
APPROVED

mohammad
3/9/2020 3:01:09 PM



Quantitation Report (Qedit)

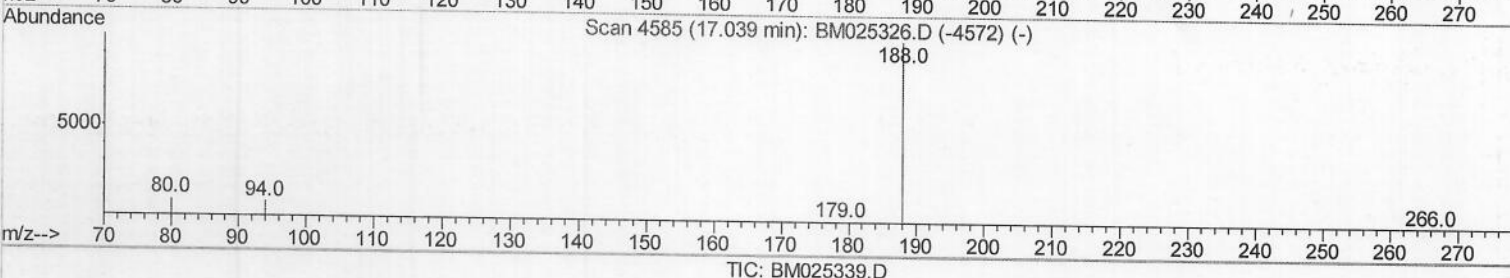
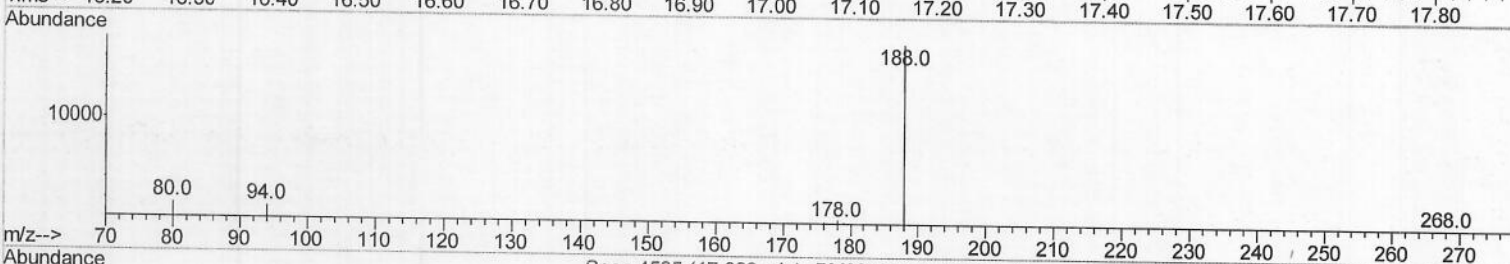
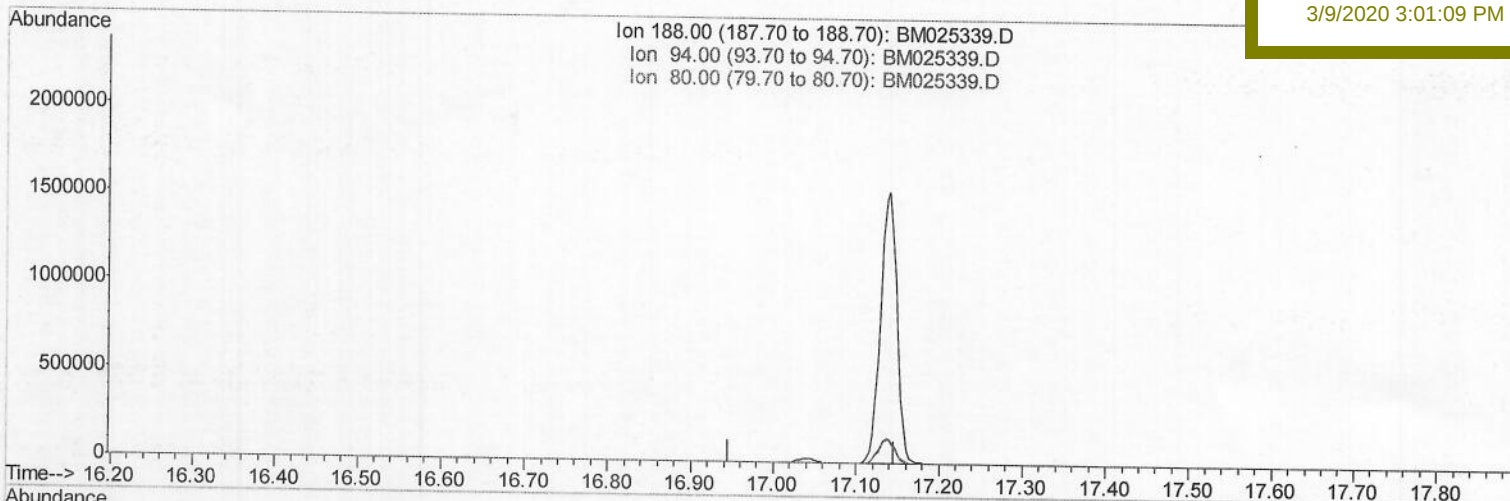
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
 Data File : BM025339.D
 Acq On : 07 Mar 2020 08:06
 Operator : CG/JU
 Sample : L1612-24
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 07 19:57:17 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 : Sat Mar 07 19:35:17 2020
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DBDM6

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:01:09 PM



(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

Quantitation Report (Qedit)

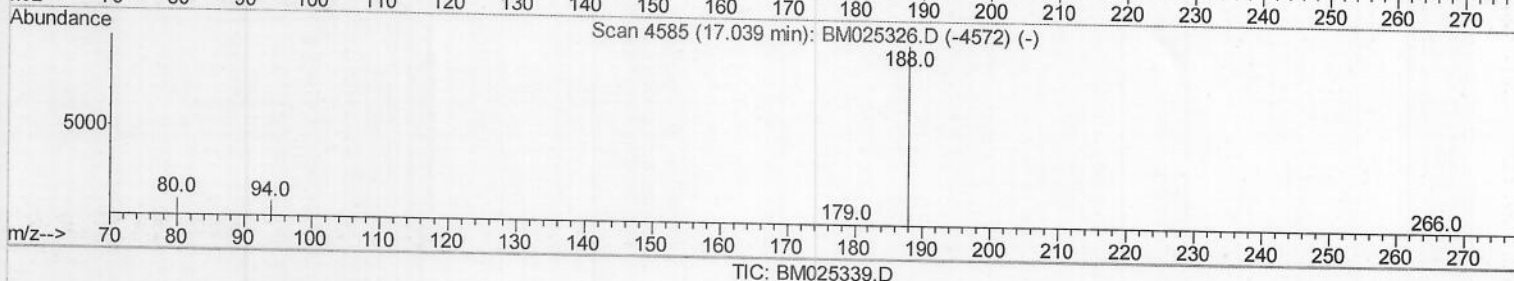
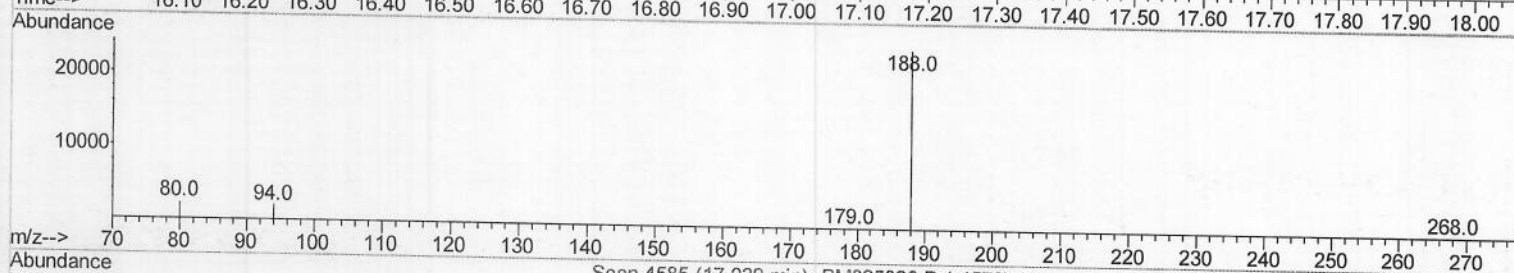
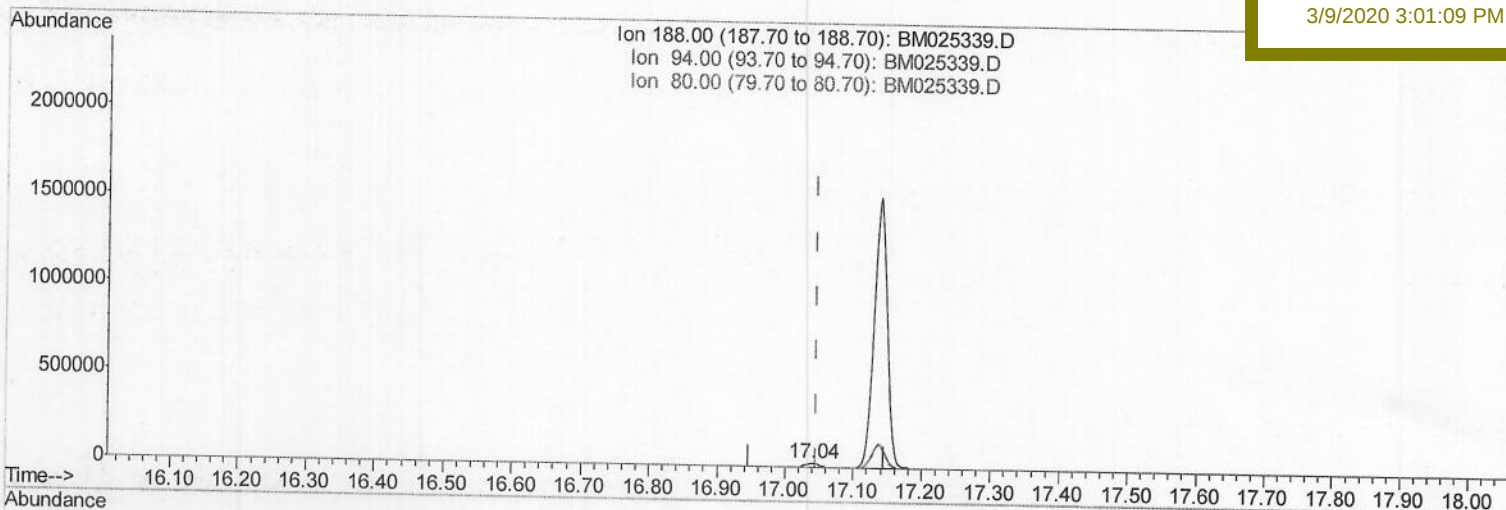
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
 Data File : BM025339.D
 Acq On : 07 Mar 2020 08:06
 Operator : CG/JU
 Sample : L1612-24
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 07 19:57:17 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 : Sat Mar 07 19:35:17 2020
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DBDM6

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:01:09 PM



(10) Phenanthrene-d10 (I)

17.039min (-0.007) 0.40ng/ul m > 5v 0311120

response 32213

Ion	Exp%	Act%
188.00	100	100
94.00	26.60	8.16#
80.00	22.60	9.36#
0.00	0.00	0.00

TIC: BM025339.D

Quantitation Report (Qedit)

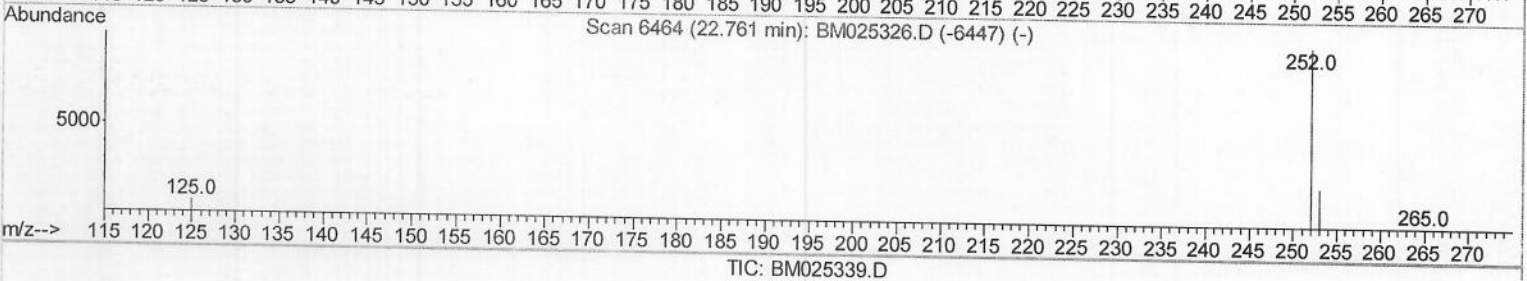
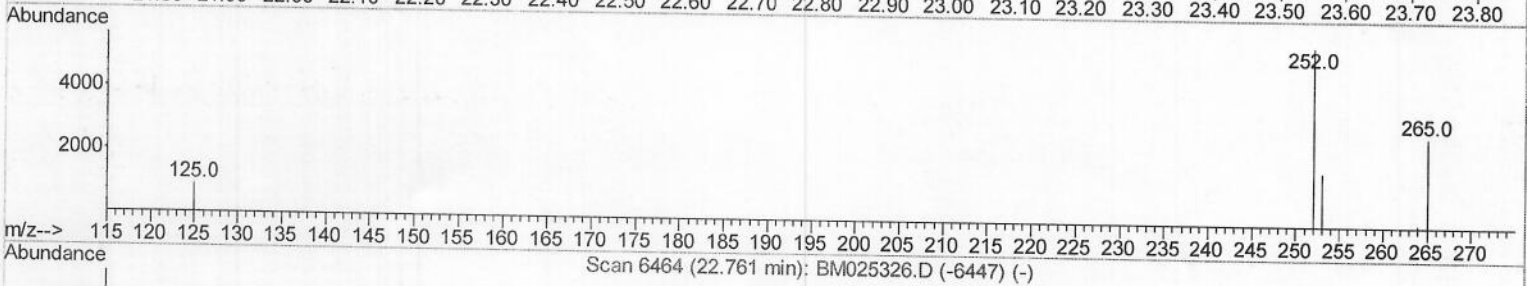
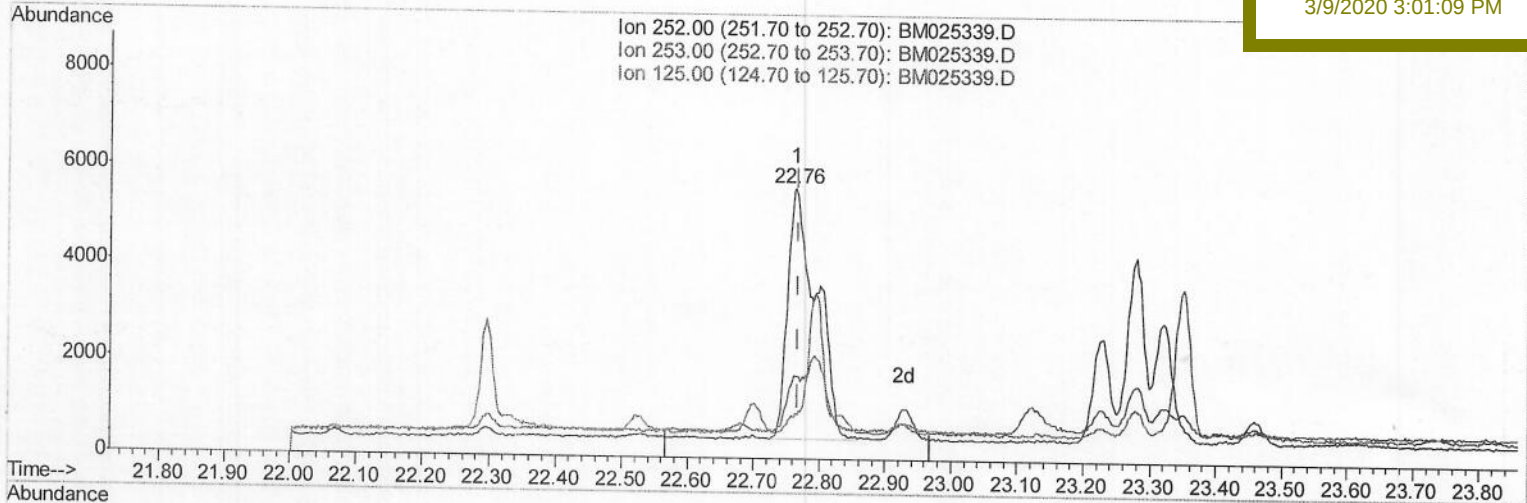
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
 Data File : BM025339.D
 Acq On : 07 Mar 2020 08:06
 Operator : CG/JU
 Sample : L1612-24
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 07 19:58:01 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 : Sat Mar 07 19:35:17 2020
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DBDM6

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:01:09 PM



(21) Benzo(b)fluoranthene
 22.764min (-0.005) 0.14ng/ul
 response 15881

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	30.65
125.00	14.30	16.83
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\

Data File : BM025339.D

Acq On : 07 Mar 2020 08:06

Operator : CG/JU

Sample : L1612-24

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 07 19:58:01 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 : Sat Mar 07 19:35:17 2020

Response via : Initial Calibration

Instrument :

BNA_M

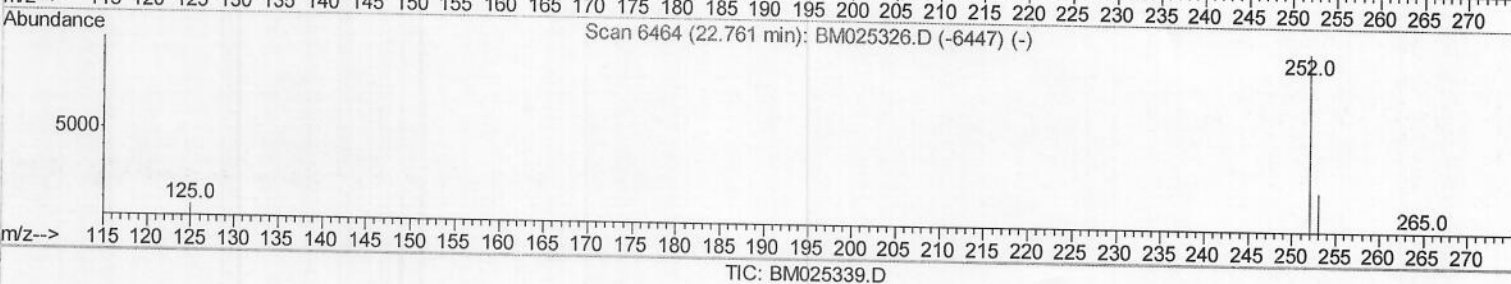
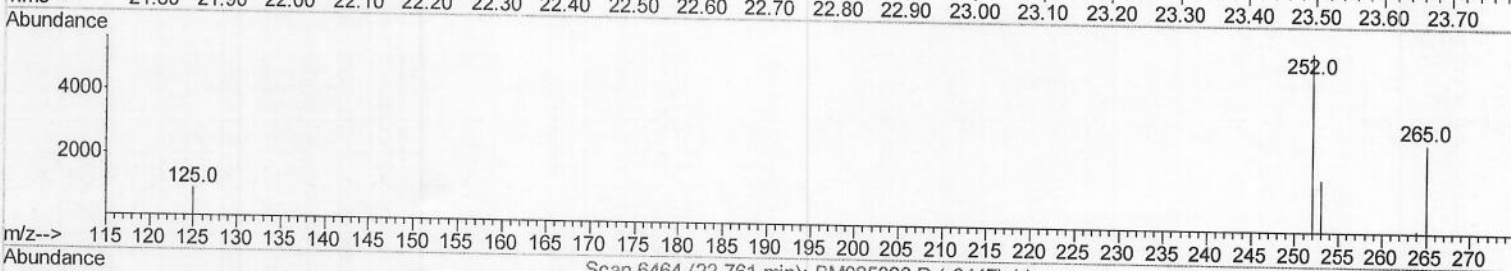
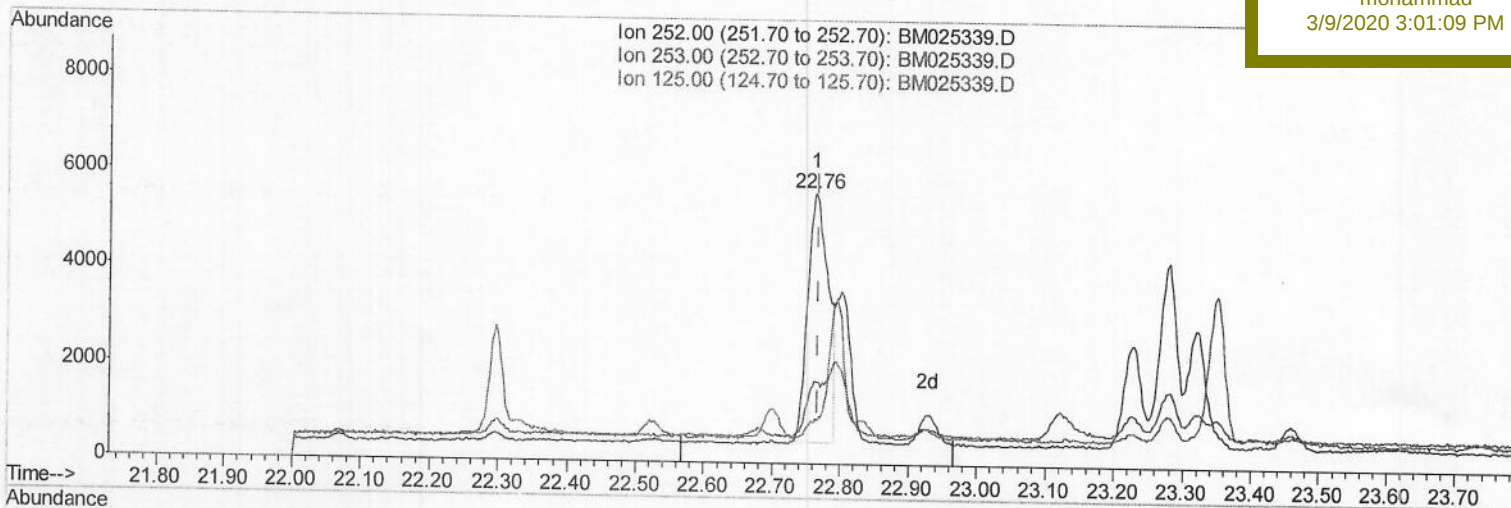
ClientSampleId :

DBDM6

Manual Integrations
APPROVED

mohammad

3/9/2020 3:01:09 PM



(21) Benzo(b)fluoranthene

22.764min (-0.005) 0.10ng/ul m 350 03/11/20

response 10899

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	30.65
125.00	14.30	16.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\

Data File : BM025339.D

Acq On : 07 Mar 2020 08:06

Operator : CG/JU

Sample : L1612-24

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 07 19:58:01 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 : Sat Mar 07 19:35:17 2020

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

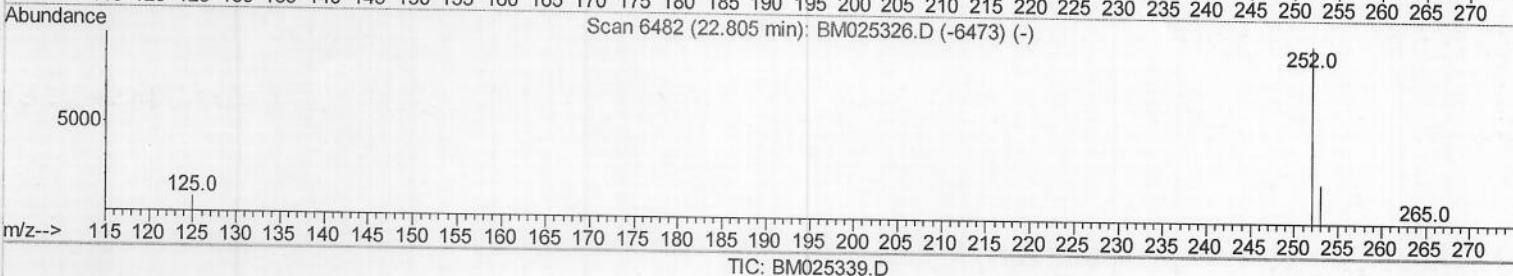
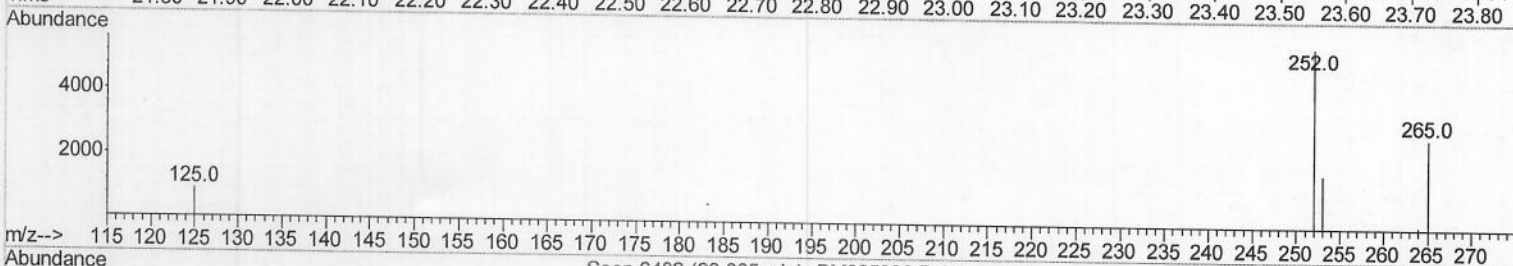
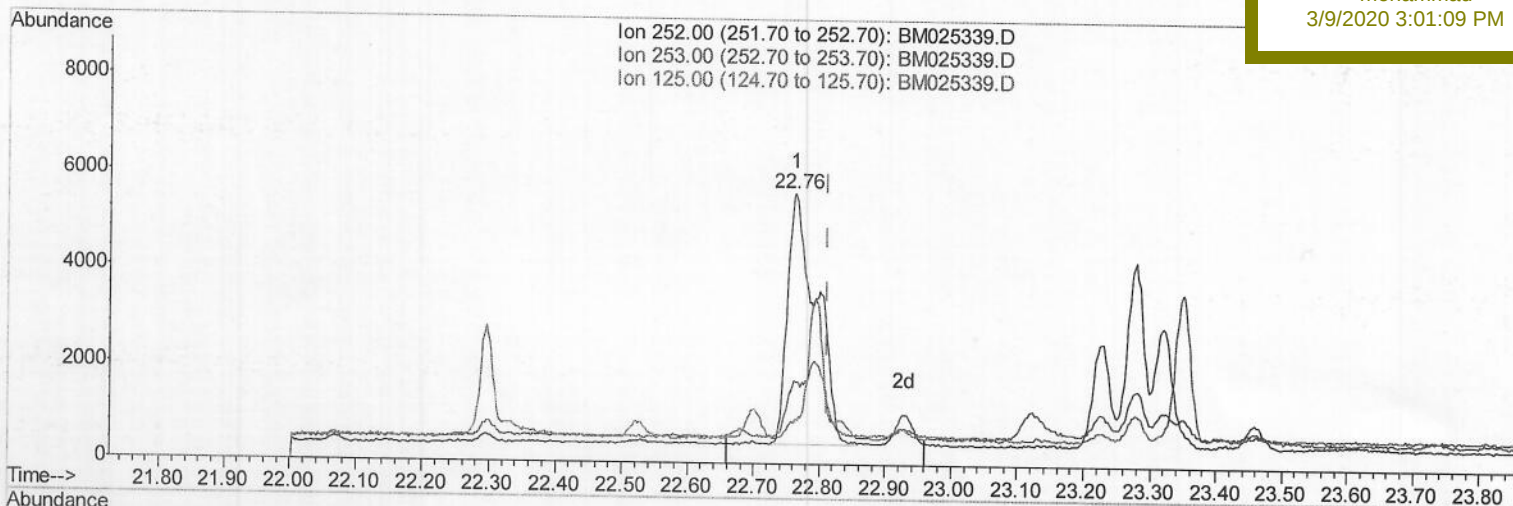
DBDM6

Manual Integrations

APPROVED

mohammad

3/9/2020 3:01:09 PM



(22) Benzo(k)fluoranthene

22.764min (-0.048) 0.13ng/ul

response 15881

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	30.65#
125.00	13.40	16.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

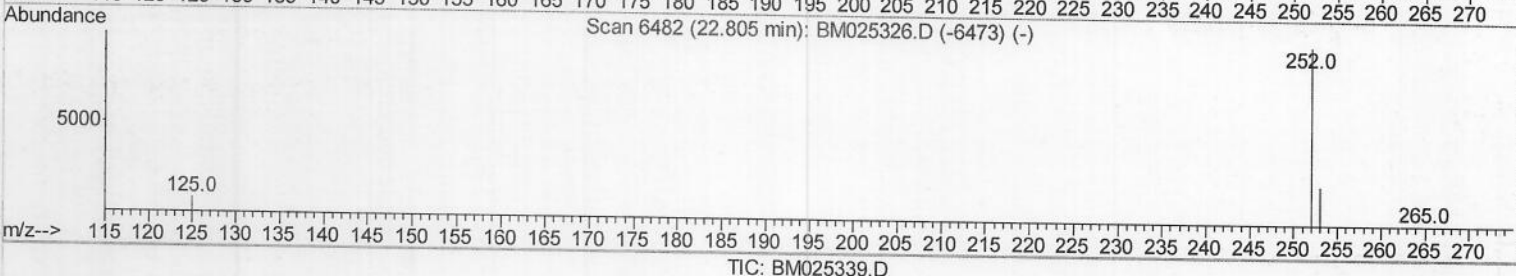
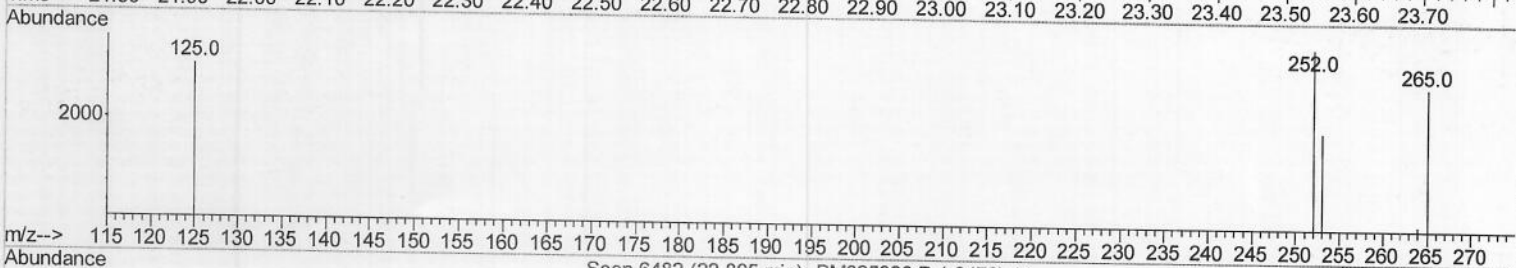
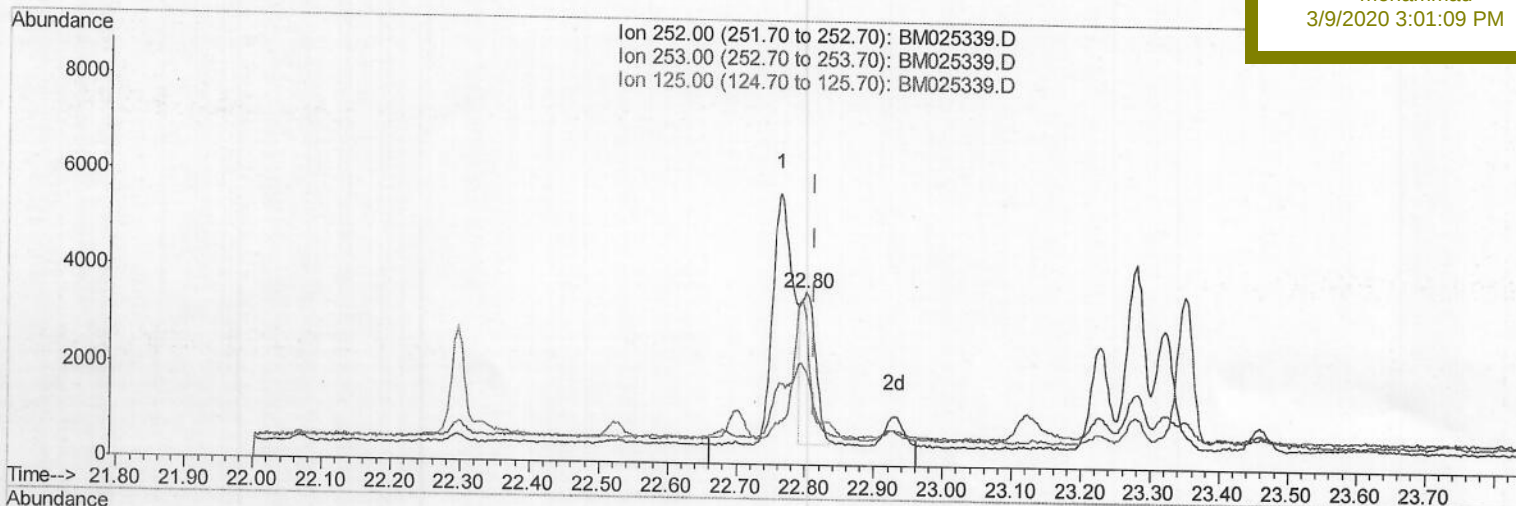
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
 Data File : BM025339.D
 Acq On : 07 Mar 2020 08:06
 Operator : CG/JU
 Sample : L1612-24
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 07 19:58:01 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 : Sat Mar 07 19:35:17 2020
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DBDM6

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:01:09 PM



TIC: BM025339.D

(22) Benzo(k)fluoranthene

22.800min (-0.012) 0.04ng/ul m) 5v 03/11/20

response 4671

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	54.42#
125.00	13.40	85.45#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
 Data File : BM025339.D
 Acq On : 07 Mar 2020 08:06
 Operator : CG/JU
 Sample : L1612-24
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 07 19:59:28 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 : Sat Mar 07 19:35:17 2020
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DBDM6

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:01:09 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4174	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	18616	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	13794	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	32213m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	31439	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	28043	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	9594	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	27863	0.27	ng/ul	0.00

Target Compounds				Ovalue		
3) Naphthalene	10.48	128	1374	0.025	ng/ul	97
5) 2-Methylnaphthalene	12.10	142	978	0.024	ng/ul	100
8) Acenaphthene	14.36	153	17401	0.347	ng/ul	99
9) Fluorene	15.35	166	56345	0.897	ng/ul	95
12) Phenanthrene	17.08	178	615285	5.923	ng/ul	95
13) Anthracene	17.17	178	46612	0.506	ng/ul	96
15) Fluoranthene	19.10	202	411403	3.164	ng/ul	95
17) Pyrene	19.46	202	259587	2.177	ng/ul	97
18) Benzo(a)anthracene	21.21	228	32156	0.278	ng/ul	99
19) Chrysene	21.26	228	27863	0.219	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	10899m	0.097	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	4671m	0.040	ng/ul	
23) Benzo(a)pyrene	23.32	252	4582	0.049	ng/ul#	74

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