

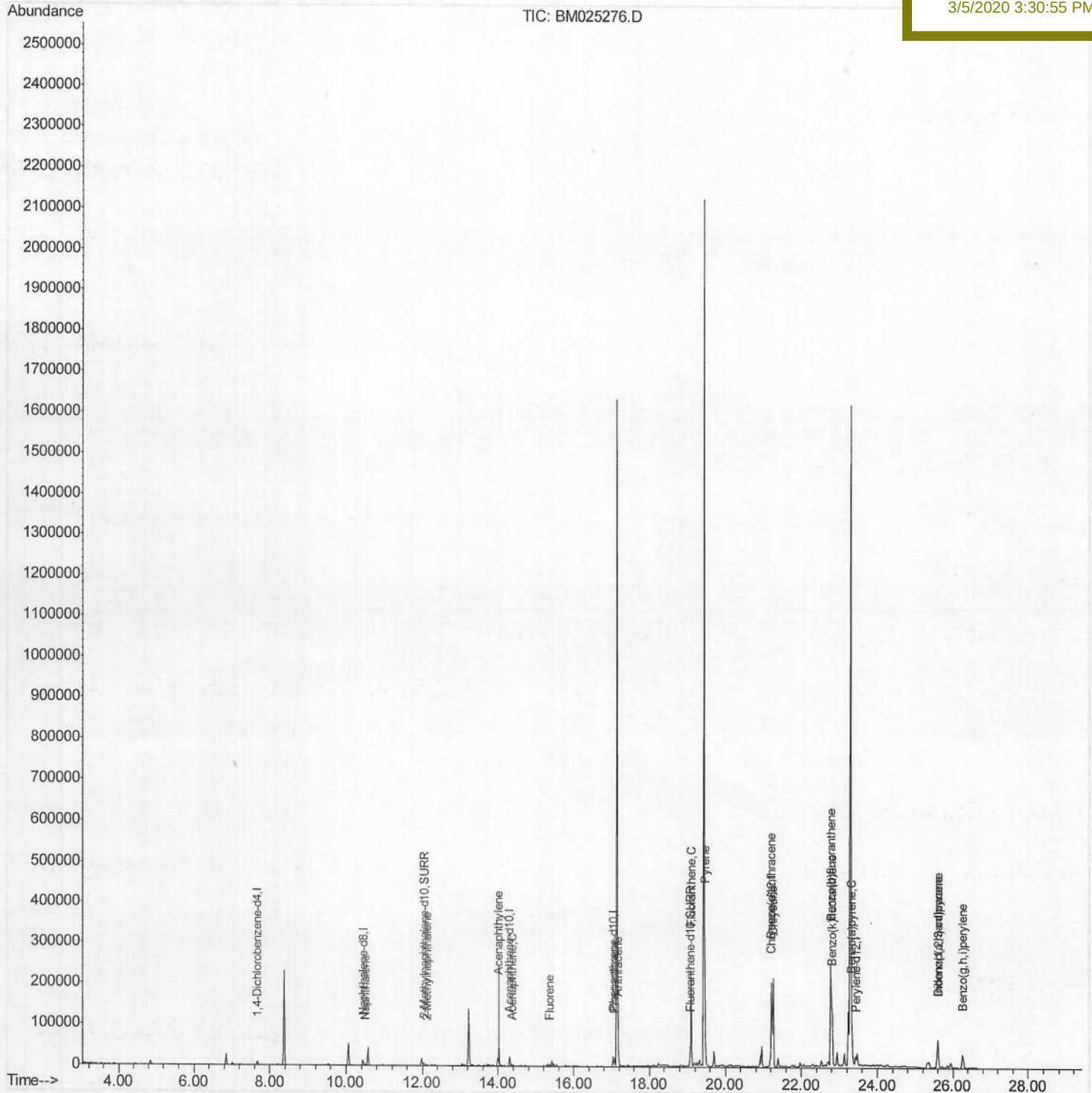
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
Data File : BM025276.D
Acq On : 05 Mar 2020 07:23
Operator : CG/JU
Sample : L1543-16
Misc :
ALS Vial : 72 Sample Multiplier: 1

Quant Time: Mar 05 14:00:52 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 :
DBD98

Manual Integrations
APPROVED

mohammad
3/5/2020 3:30:55 PM



Quantitation Report (Qedit)

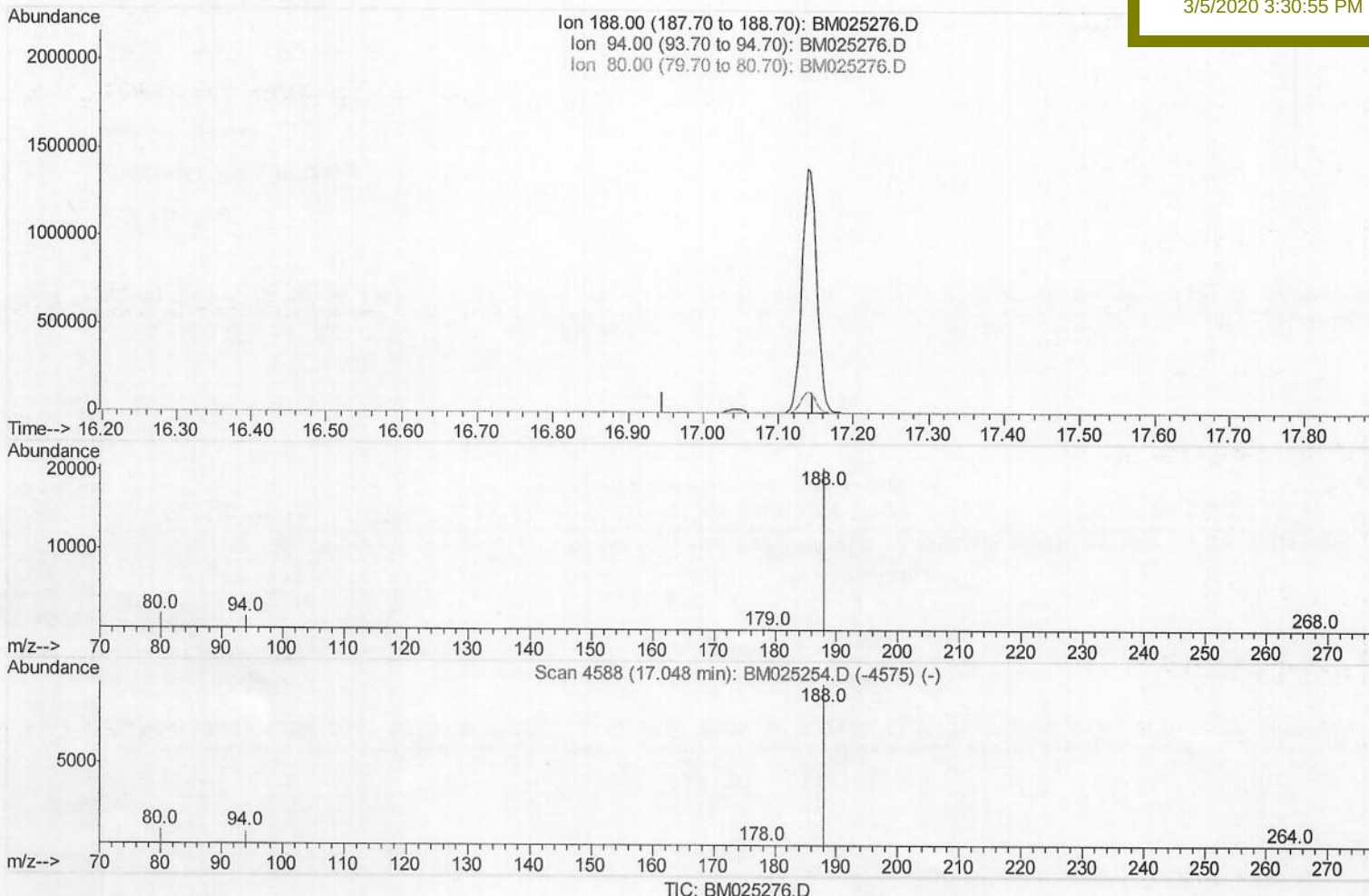
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
 Data File : BM025276.D
 Acq On : 05 Mar 2020 07:23
 Operator : CG/JU
 Sample : L1543-16
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Quant Time: Mar 05 13:59:24 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 :
 DBD98

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:30:55 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

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\

Data File : BM025276.D

Acq On : 05 Mar 2020 07:23

Operator : CG/JU

Sample : L1543-16

Misc :

ALS Vial : 72 Sample Multiplier: 1

Quant Time: Mar 05 13:59:24 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 :

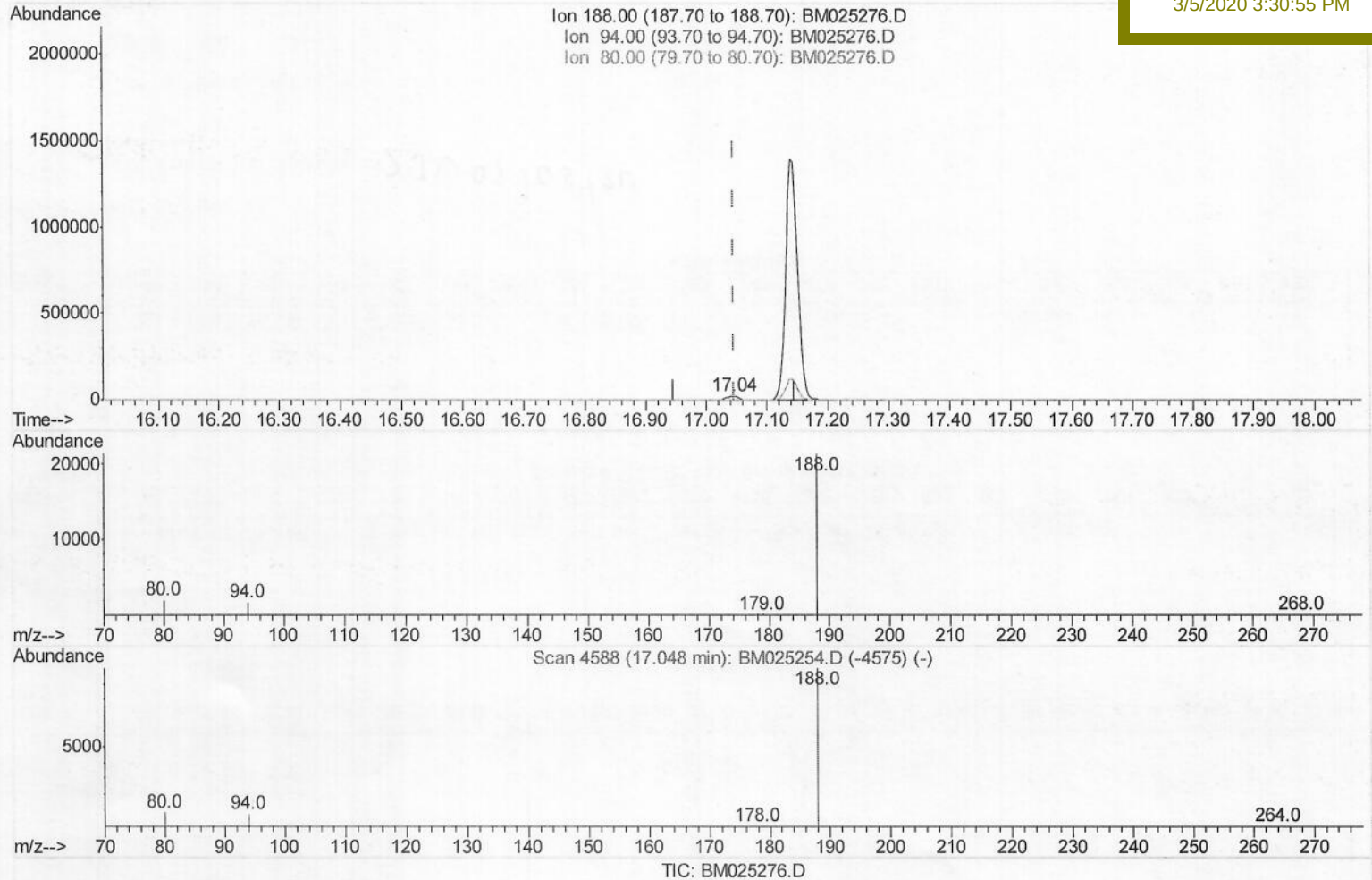
DBD98

Manual Integrations

APPROVED

mohammad

3/5/2020 3:30:55 PM



(10) Phenanthrene-d10 (I)

17.043min (-0.003) 0.40ng/ul m >JU 03/06/20

response 28840

Ion	Exp%	Act%
188.00	100	100
94.00	26.60	7.91#
80.00	22.60	9.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

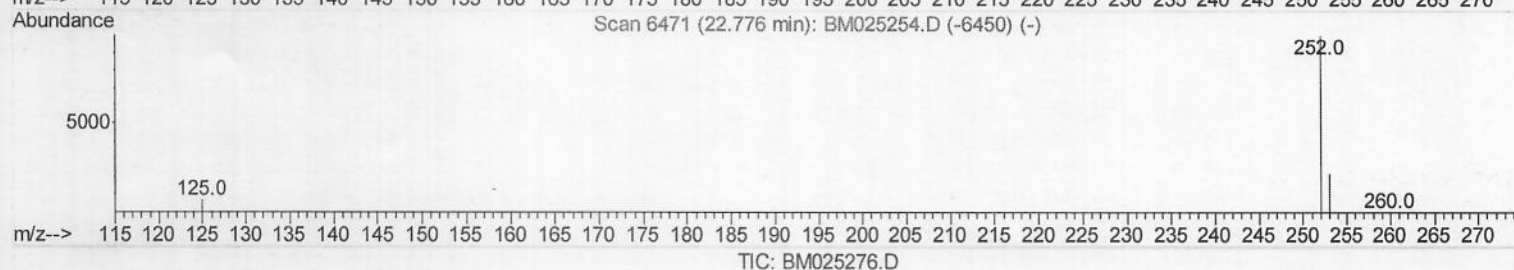
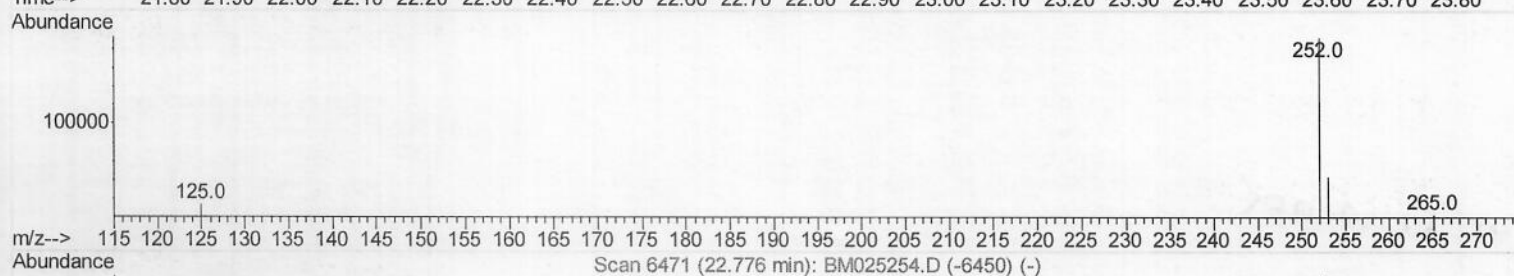
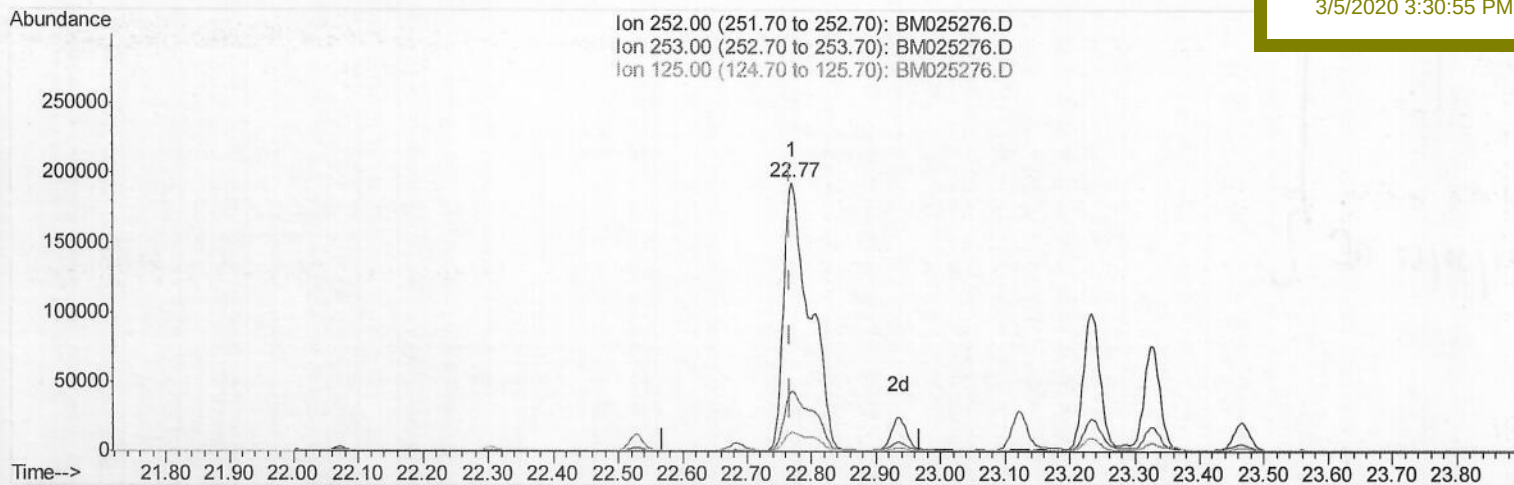
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
Data File : BM025276.D
Acq On : 05 Mar 2020 07:23
Operator : CG/JU
Sample : L1543-16
Misc :
ALS Vial : 72 Sample Multiplier: 1

Quant Time: Mar 05 13:59:55 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 :
DBD98

Manual Integrations
APPROVED

mohammad
3/5/2020 3:30:55 PM



(21) Benzo(b)fluoranthene

22.771min (+0.003) 5.14ng/ul

response 546321

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	22.69
125.00	14.30	7.20
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
Data File : BM025276.D
Acq On : 05 Mar 2020 07:23
Operator : CG/JU
Sample : L1543-16
Misc :
ALS Vial : 72 Sample Multiplier: 1

Quant Time: Mar 05 13:59:55 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

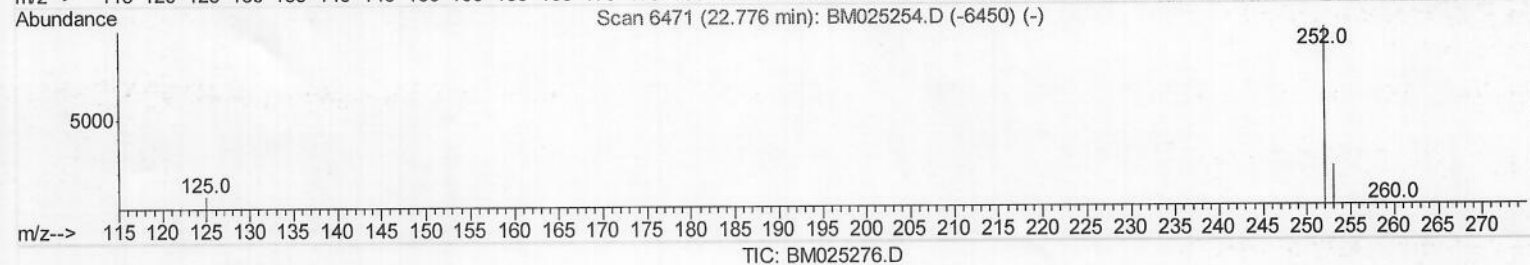
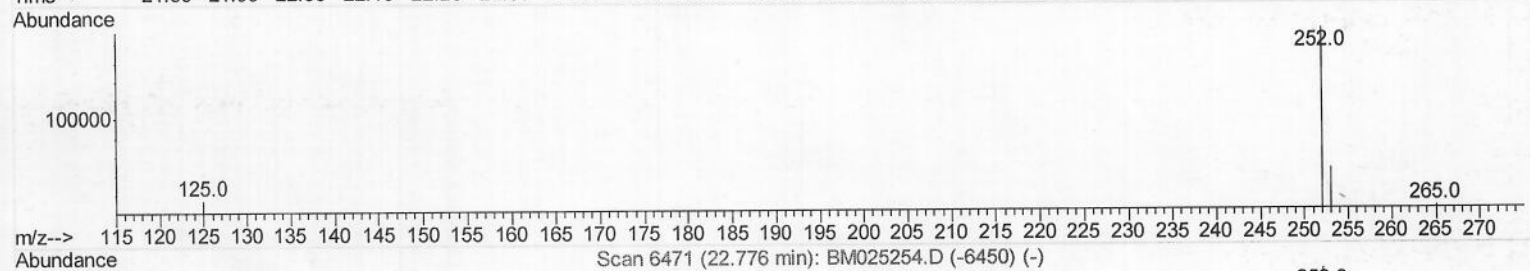
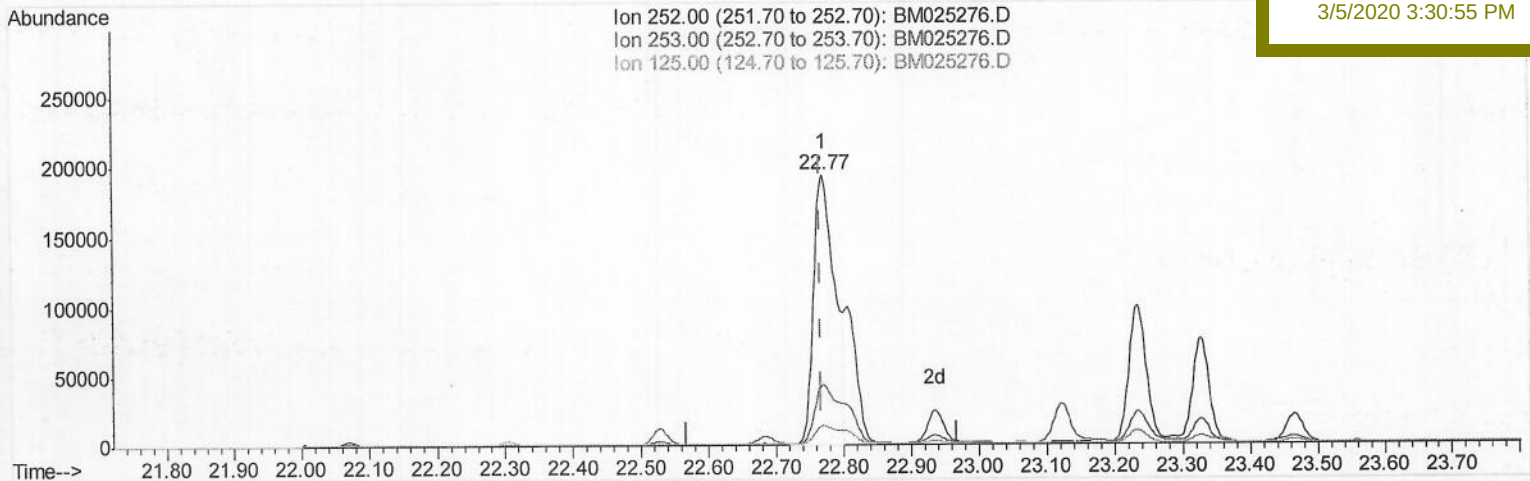
ClientSampleId :

DBD98

Manual Integrations
APPROVED

mohammad

3/5/2020 3:30:55 PM



(21) Benzo(b)fluoranthene

22.771min (+0.003) 4.01ng/ul m > JU 03/06/20

response 425801

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	22.69
125.00	14.30	7.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\

Data File : BM025276.D

Acq On : 05 Mar 2020 07:23

Operator : CG/JU

Sample : L1543-16

Misc :

ALS Vial : 72 Sample Multiplier: 1

Quant Time: Mar 05 13:59:55 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 :

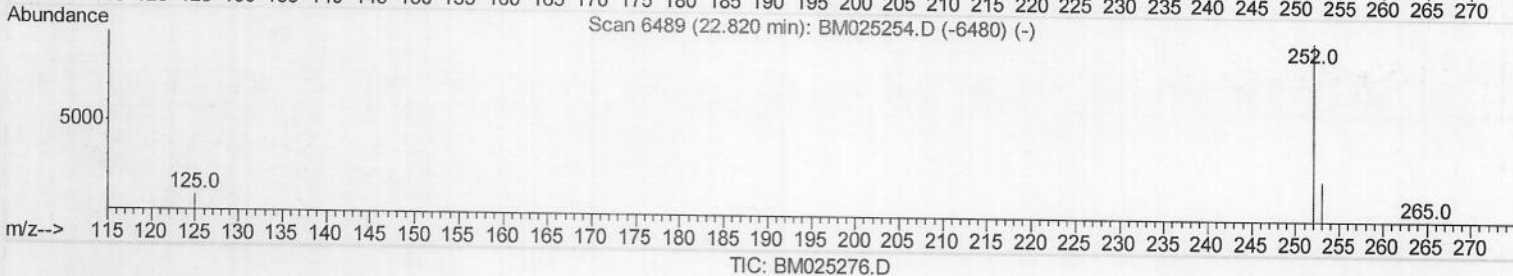
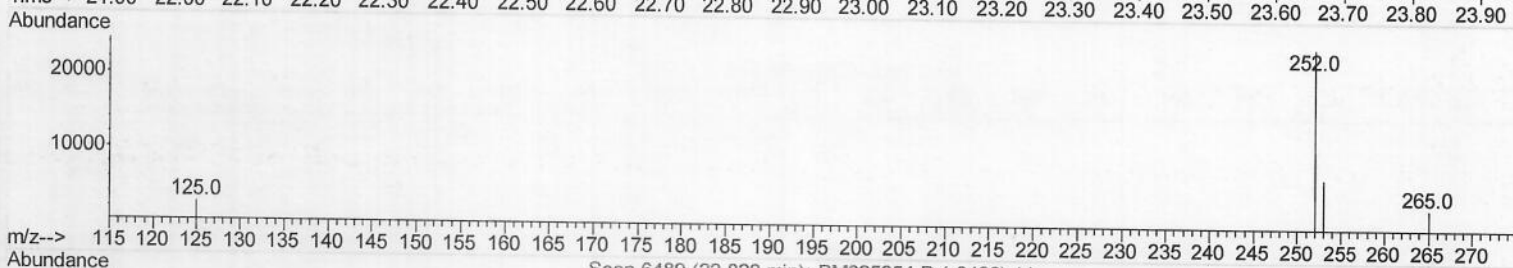
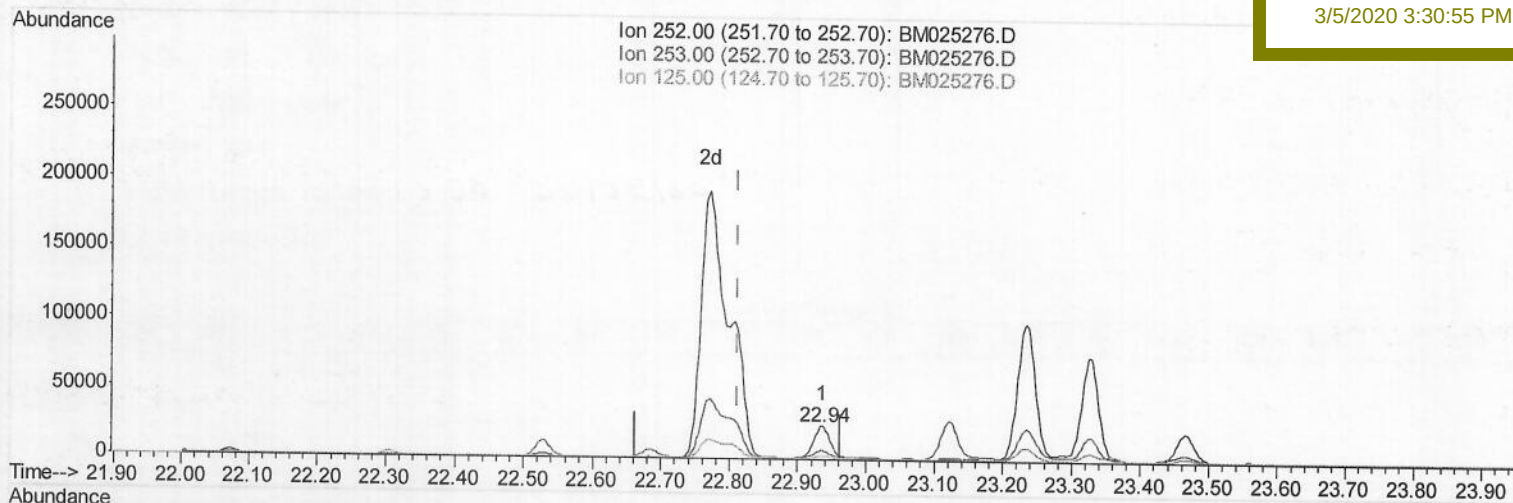
DBD98

Manual Integrations

APPROVED

mohammad

3/5/2020 3:30:55 PM



(22) Benzo(k)fluoranthene

22.936min (+0.124) 0.32ng/ul

response 36135

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	28.37
125.00	13.40	10.82
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\

Data File : BM025276.D

Acq On : 05 Mar 2020 07:23

Operator : CG/JU

Sample : L1543-16

Misc :

ALS Vial : 72 Sample Multiplier: 1

Quant Time: Mar 05 13:59:55 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

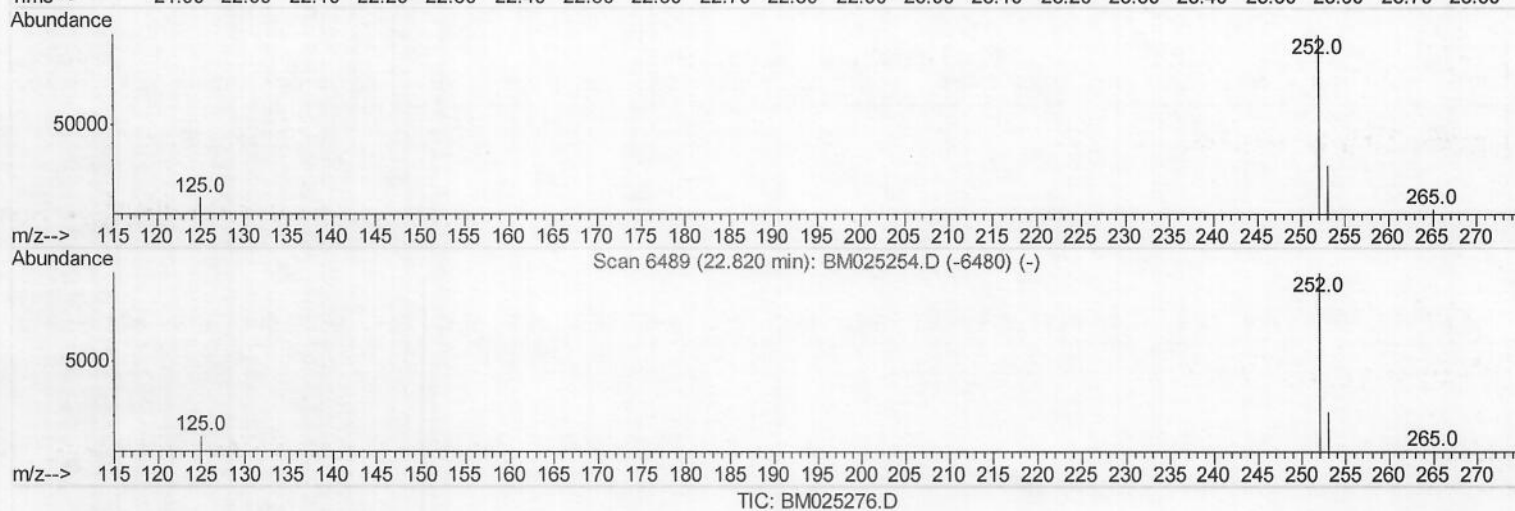
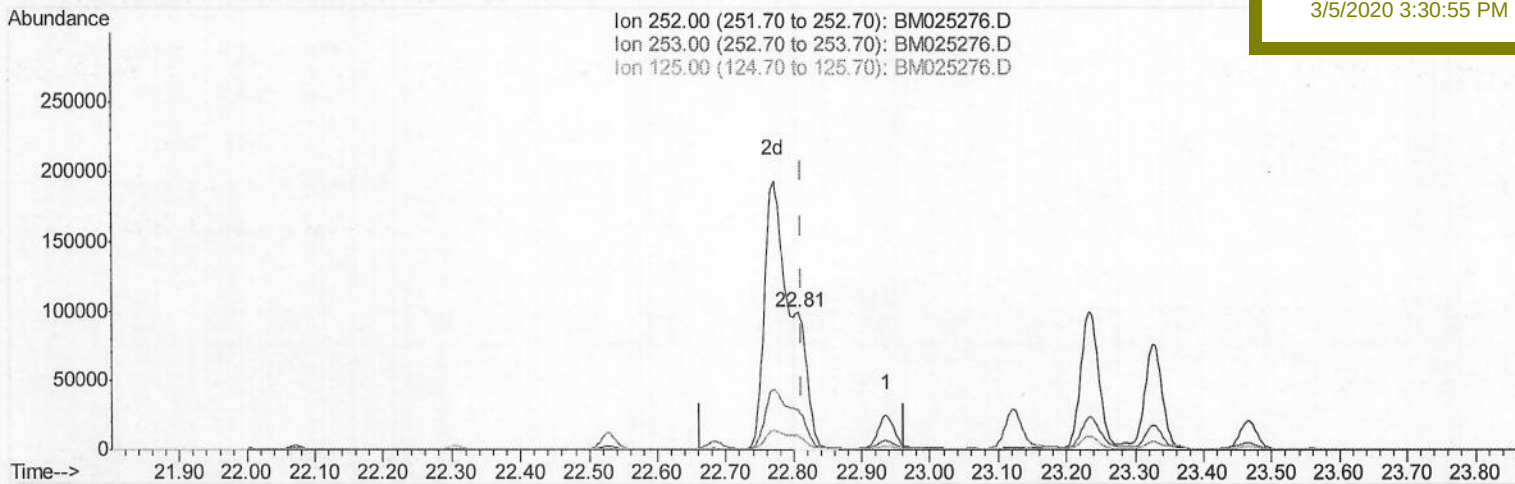
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

DBD98

Manual Integrations
APPROVEDmohammad
3/5/2020 3:30:55 PM

(22) Benzo(k)fluoranthene

22.808min (-0.004) 1.13ng/ul m> JU 03/06/20

response 125403

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	27.84
125.00	13.40	9.79#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
 Data File : BM025276.D
 Acq On : 05 Mar 2020 07:23
 Operator : CG/JU
 Sample : L1543-16
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD98

Quant Time: Mar 05 14:00:52 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

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:30:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3681	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	15911	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11896	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	28840m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	28612	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	26556	0.40	ng/ul	0.00

JU 03/06/20

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	8215	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	27126	0.29	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.49	128	2313	0.048	ng/ul#	89
5) 2-Methylnaphthalene	12.11	142	1128	0.032	ng/ul	99
7) Acenaphthylene	14.02	152	8691	0.156	ng/ul	96
8) Acenaphthene	14.36	153	2065	0.048	ng/ul	97
9) Fluorene	15.35	166	2251	0.042	ng/ul	97
12) Phenanthrene	17.08	178	21241	0.228	ng/ul	96
13) Anthracene	17.17	178	50596	0.613	ng/ul	95
15) Fluoranthene	19.10	202	203385	1.747	ng/ul	95
17) Pyrene	19.46	202	268989	2.479	ng/ul	95
18) Benzo(a)anthracene	21.21	228	157655	1.499	ng/ul	100
19) Chrysene	21.26	228	243700	2.109	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	425801m	4.008	ng/ul	99
22) Benzo(k)fluoranthene	22.81	252	125403m	1.125	ng/ul	99
23) Benzo(a)pyrene	23.33	252	130535	1.463	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.60	276	108808	0.979	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	26636	0.289	ng/ul	96
26) Benzo(a,h,i)perylene	26.26	276	67178	0.711	ng/ul#	91

JU 03/06/20

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