

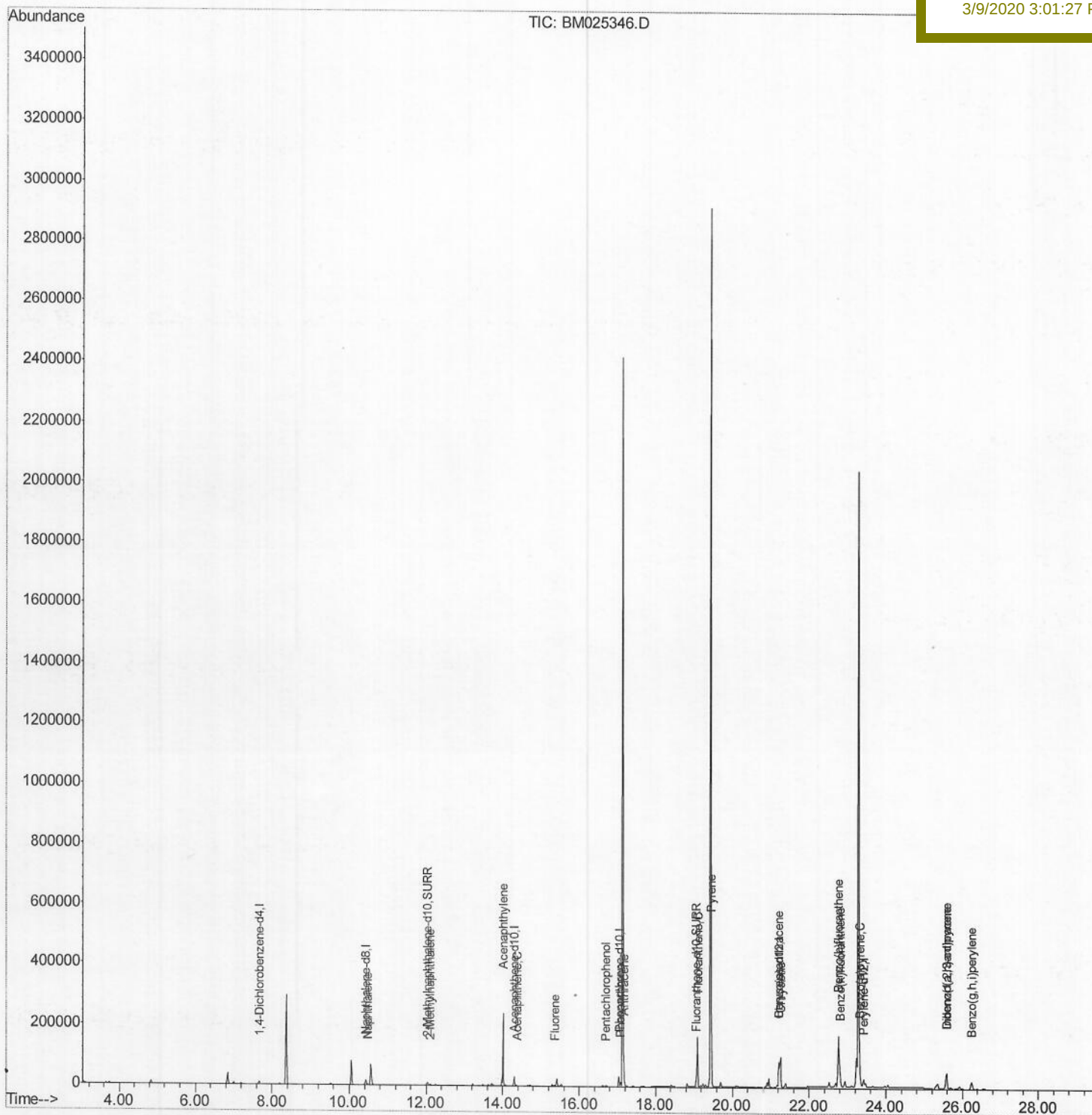
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025346.D
Acq On : 07 Mar 2020 12:52
Operator : CG/JU
Sample : L1616-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 07 20:32:07 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 20:27:15 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDQ5

Manual Integrations
APPROVED

mohammad
3/9/2020 3:01:27 PM



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

Data File : BM025346.D

Acq On : 07 Mar 2020 12:52

Operator : CG/JU

Sample : L1616-11

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 07 20:29:56 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 20:27:15 2020

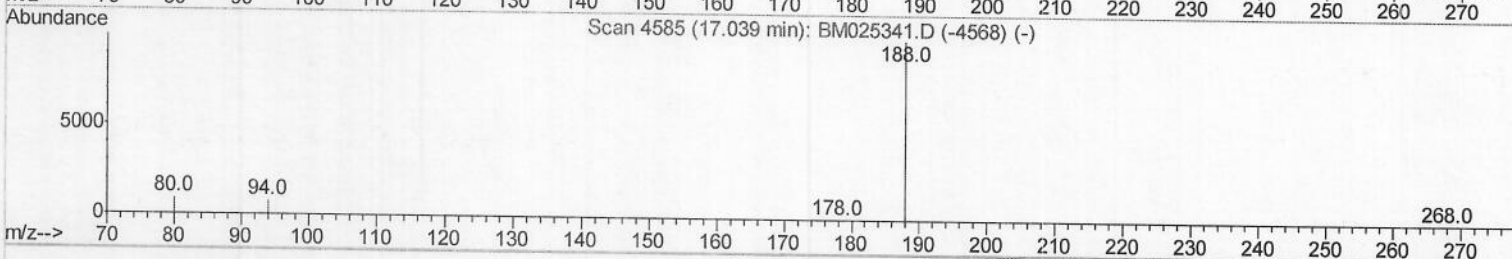
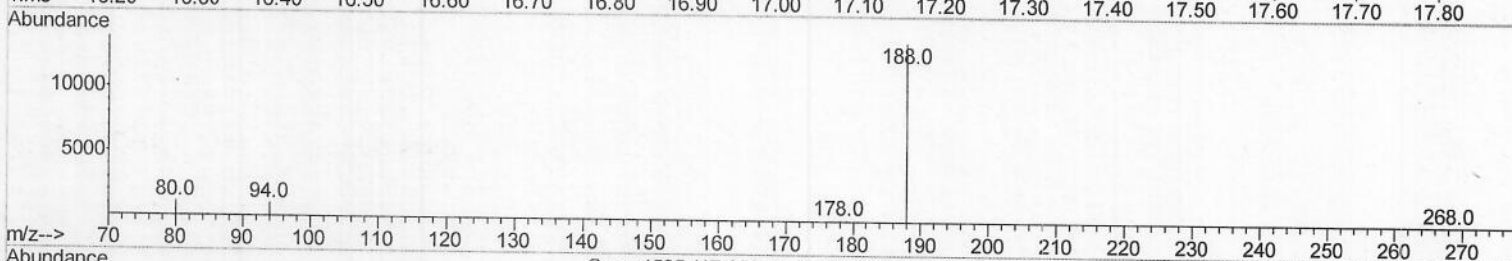
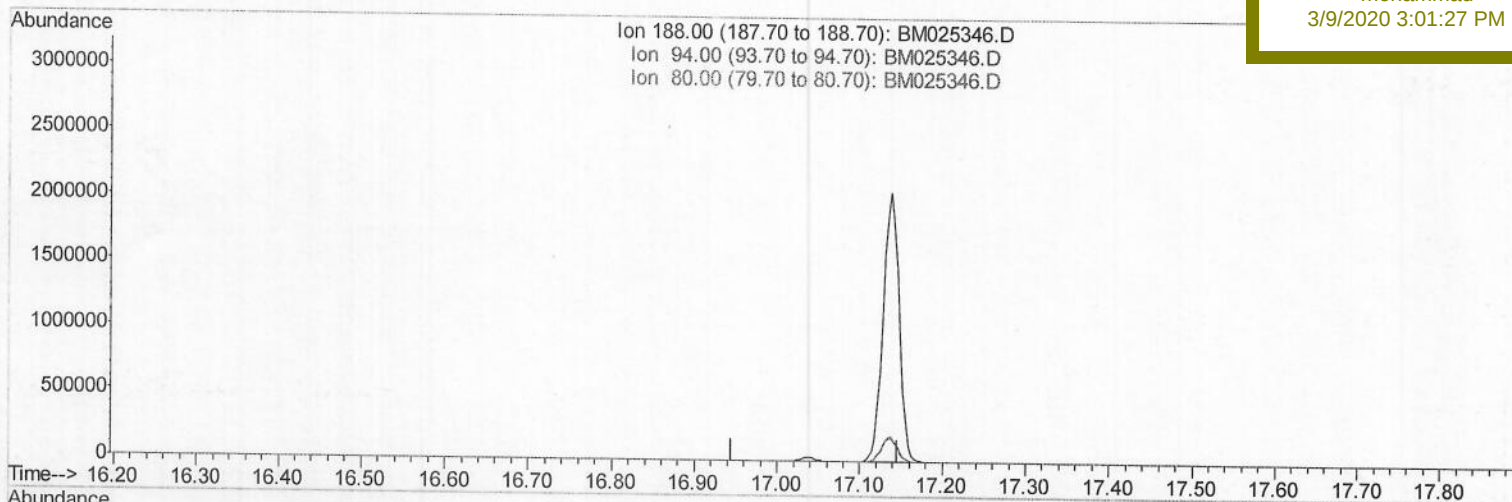
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

DBDQ5

Manual Integrations
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TIC: BM025346.D

(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\BM030620\

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ALS Vial : 32 Sample Multiplier: 1

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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 20:27:15 2020

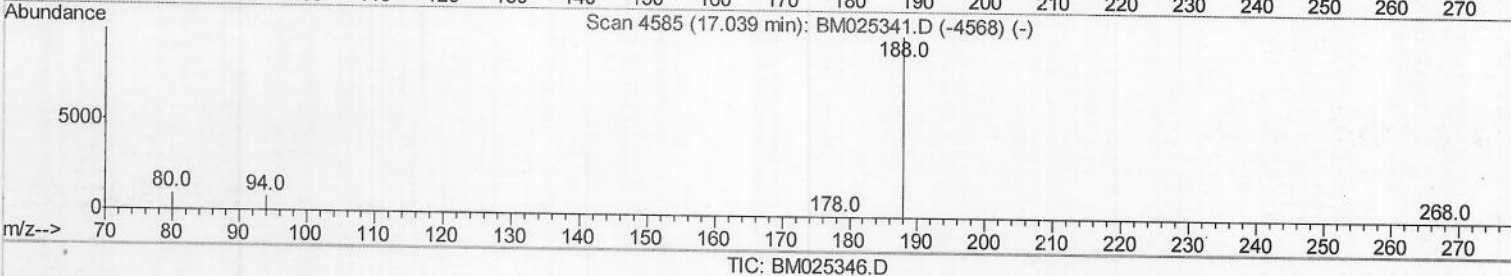
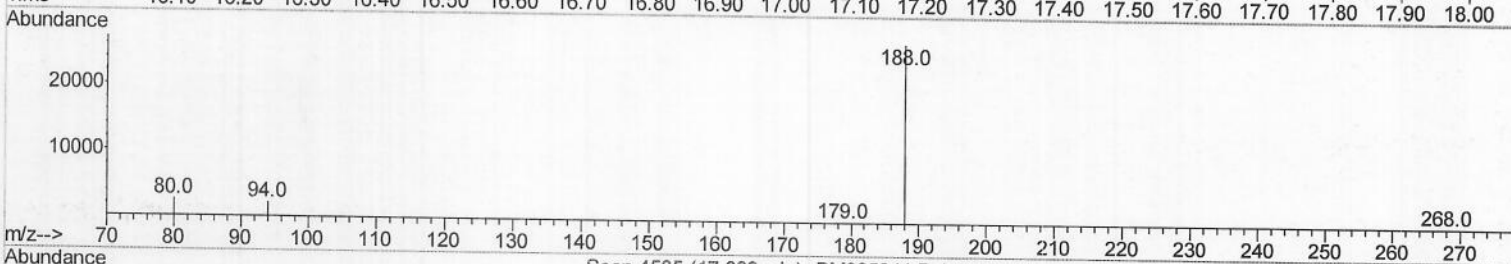
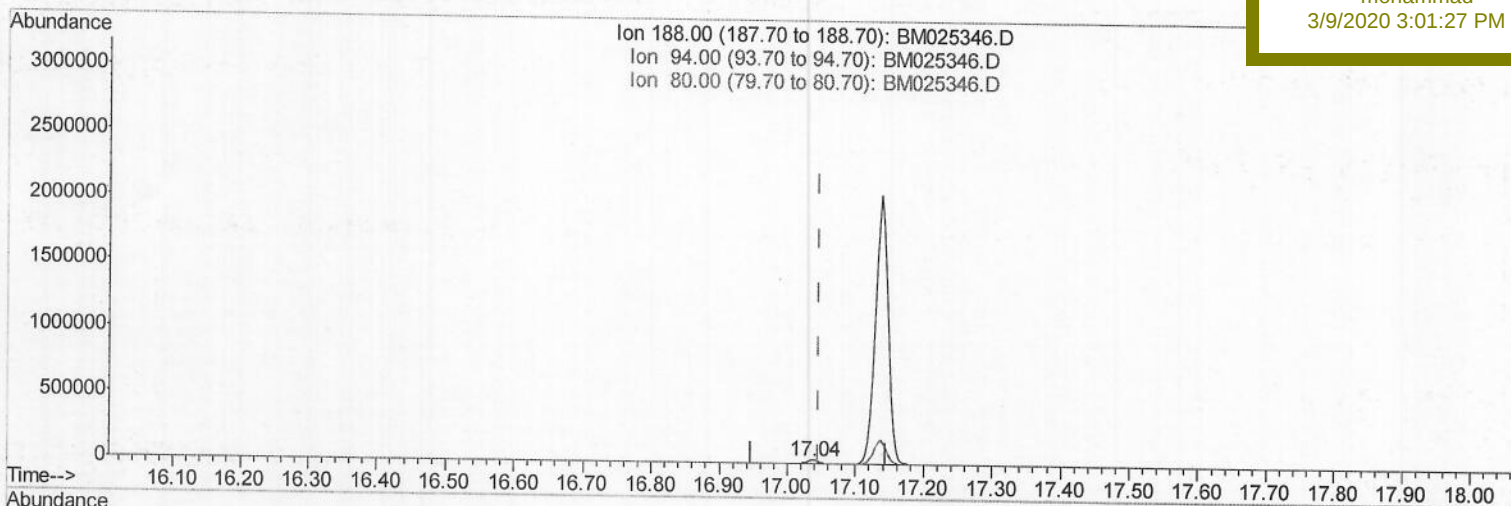
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

DBDQ5

Manual Integrations
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3/9/2020 3:01:27 PM

(10) Phenanthrene-d10 (I)

17.037min (-0.009) 0.40ng/ul m > 50 03/11/20

response 36041

Ion	Exp%	Act%
188.00	100	100
94.00	26.60	8.35#
80.00	22.60	9.55#
0.00	0.00	0.00

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

Data File : BM025346.D

Acq On : 07 Mar 2020 12:52

Operator : CG/JU

Sample : L1616-11

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 07 20:30:31 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 20:27:15 2020

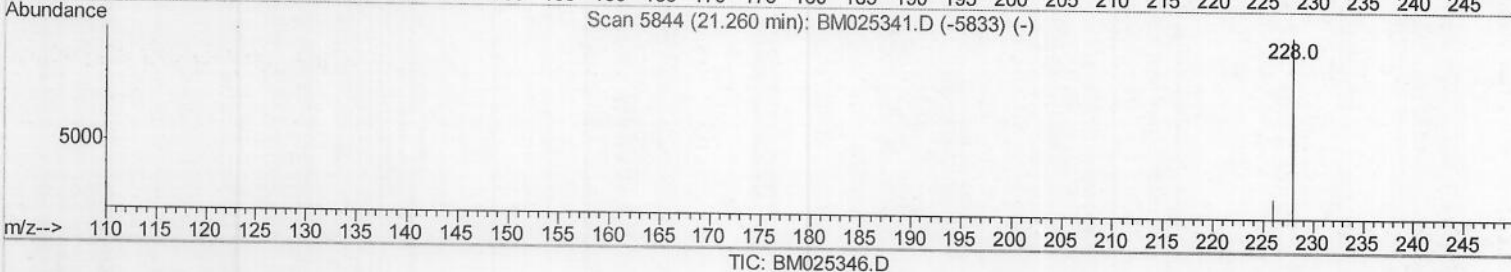
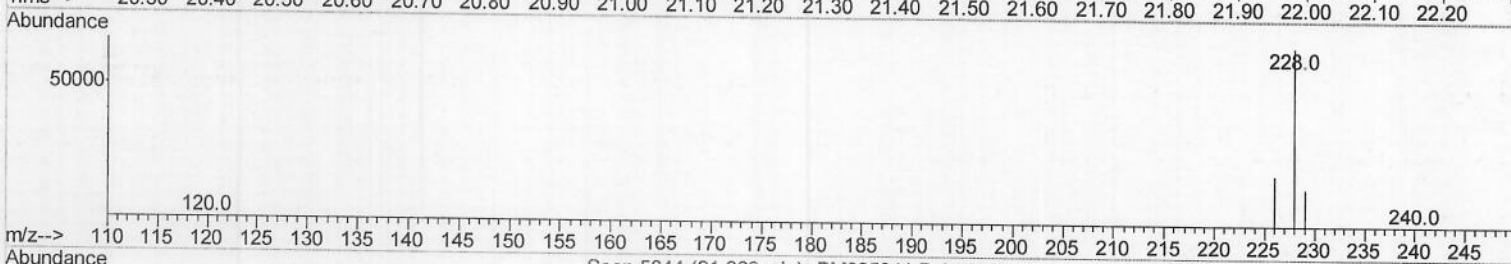
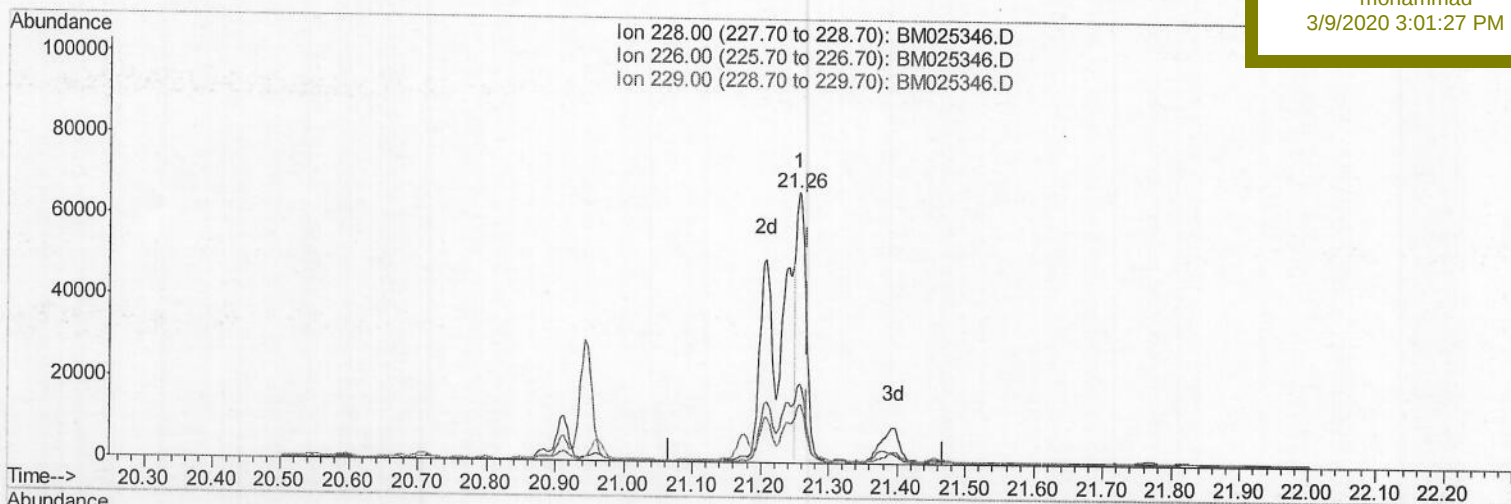
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

DBDQ5

Manual Integrations
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3/9/2020 3:01:27 PM

(19) Chrysene

21.256min (-0.011) 0.51ng/ul

response 68541

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	29.07
229.00	21.10	21.47
0.00	0.00	0.00

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

Data File : BM025346.D

Acq On : 07 Mar 2020 12:52

Operator : CG/JU

Sample : L1616-11

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 07 20:30:31 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 20:27:15 2020

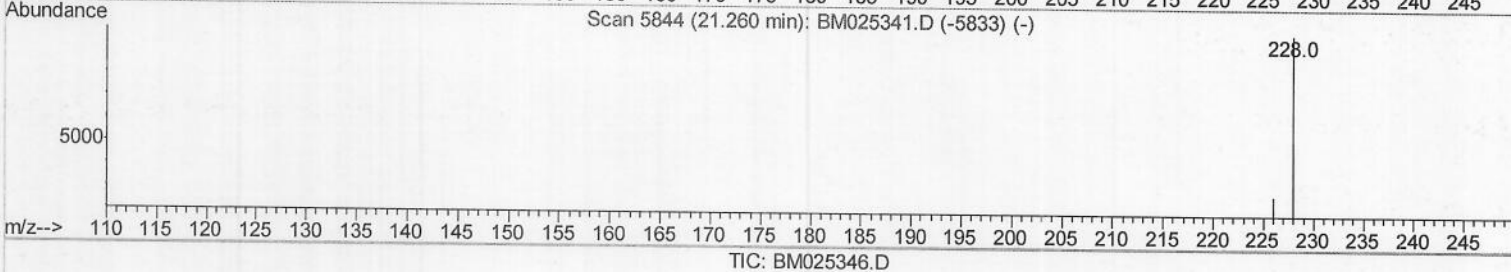
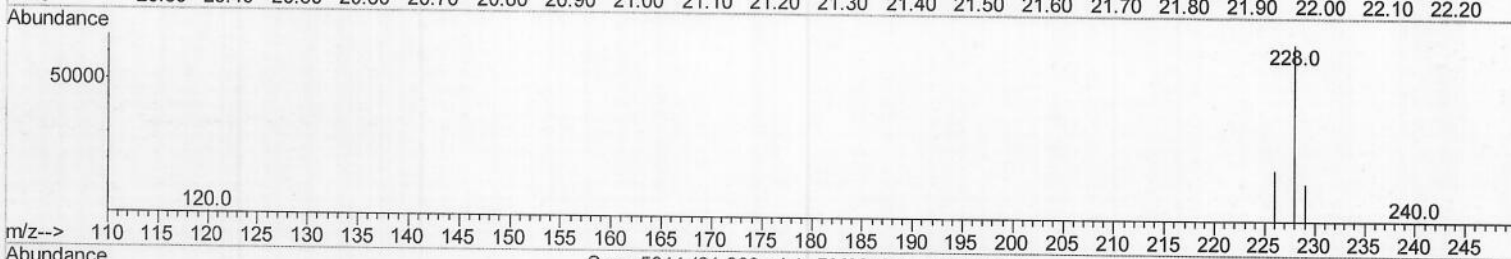
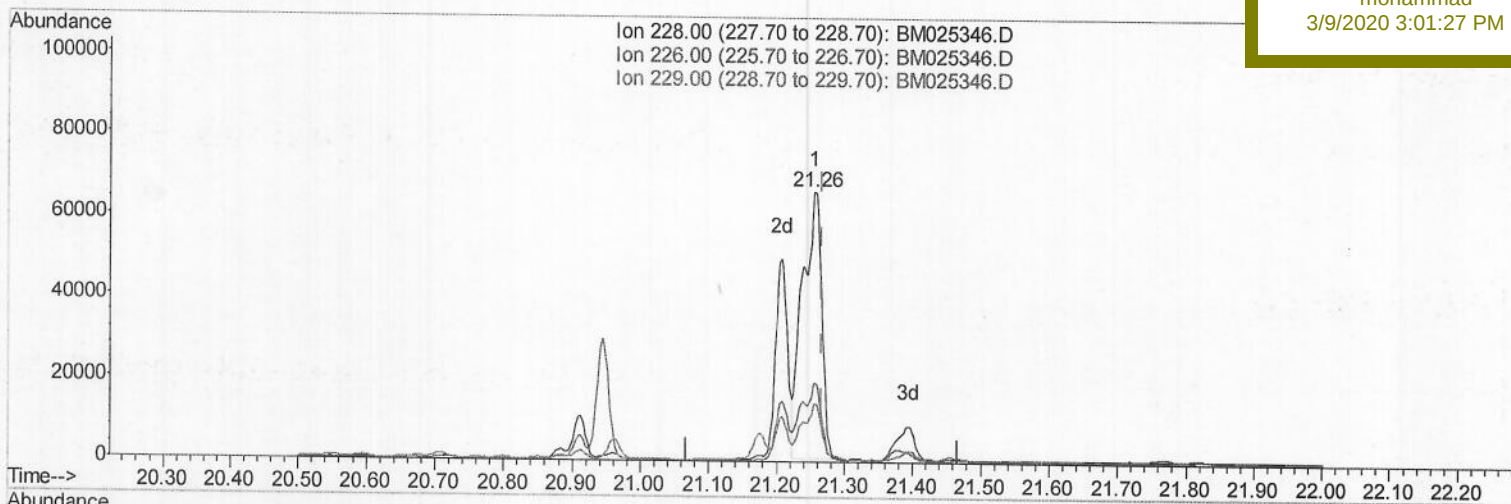
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

DBDQ5

Manual Integrations
APPROVEDmohammad
3/9/2020 3:01:27 PM

(19) Chrysene

21.256min (-0.011) 0.95ng/ul m > JU 0311/20

response 127699

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	29.07
229.00	21.10	21.47
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BM025346.D

Acq On : 07 Mar 2020 12:52

Operator : CG/JU

Sample : L1616-11

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 07 20:30:31 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 20:27:15 2020

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

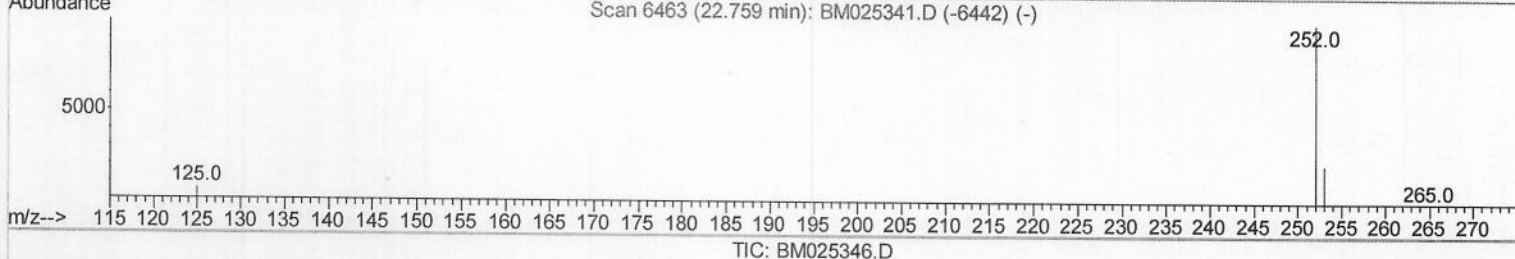
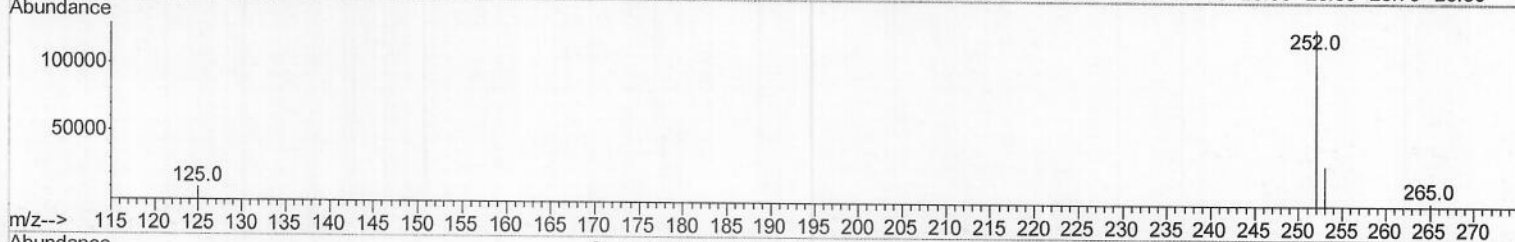
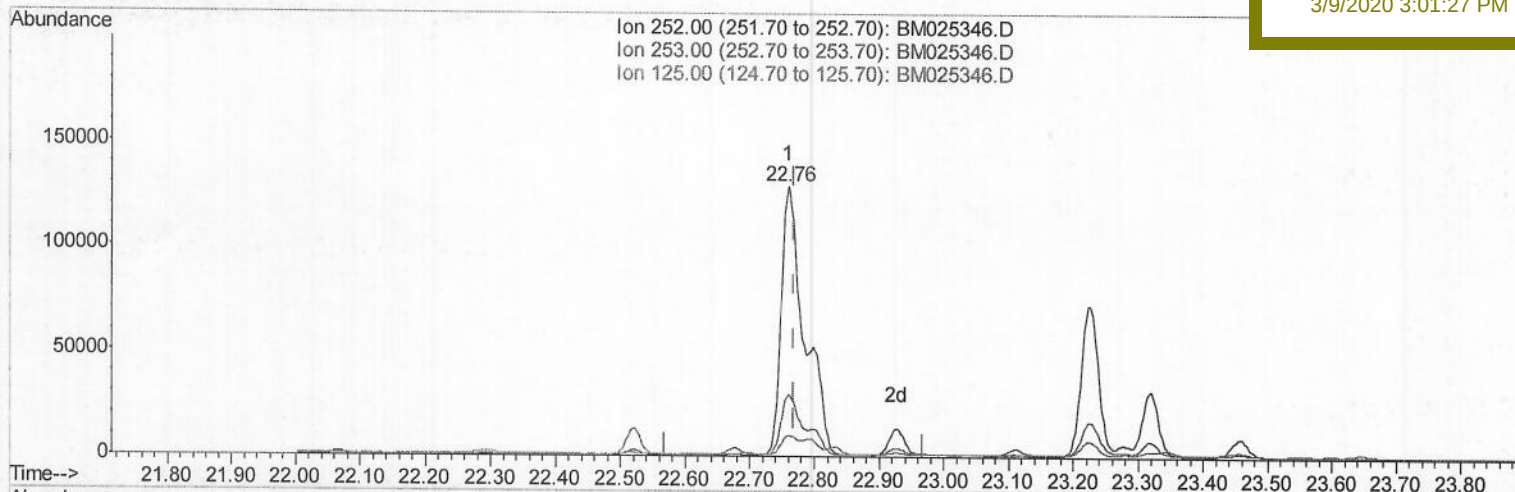
DBDQ5

Manual Integrations

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(21) Benzo(b)fluoranthene

22.760min (-0.009) 2.77ng/ul

response 322023

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	22.80
125.00	14.30	7.58
0.00	0.00	0.00

Quantitation Report (Qedit)

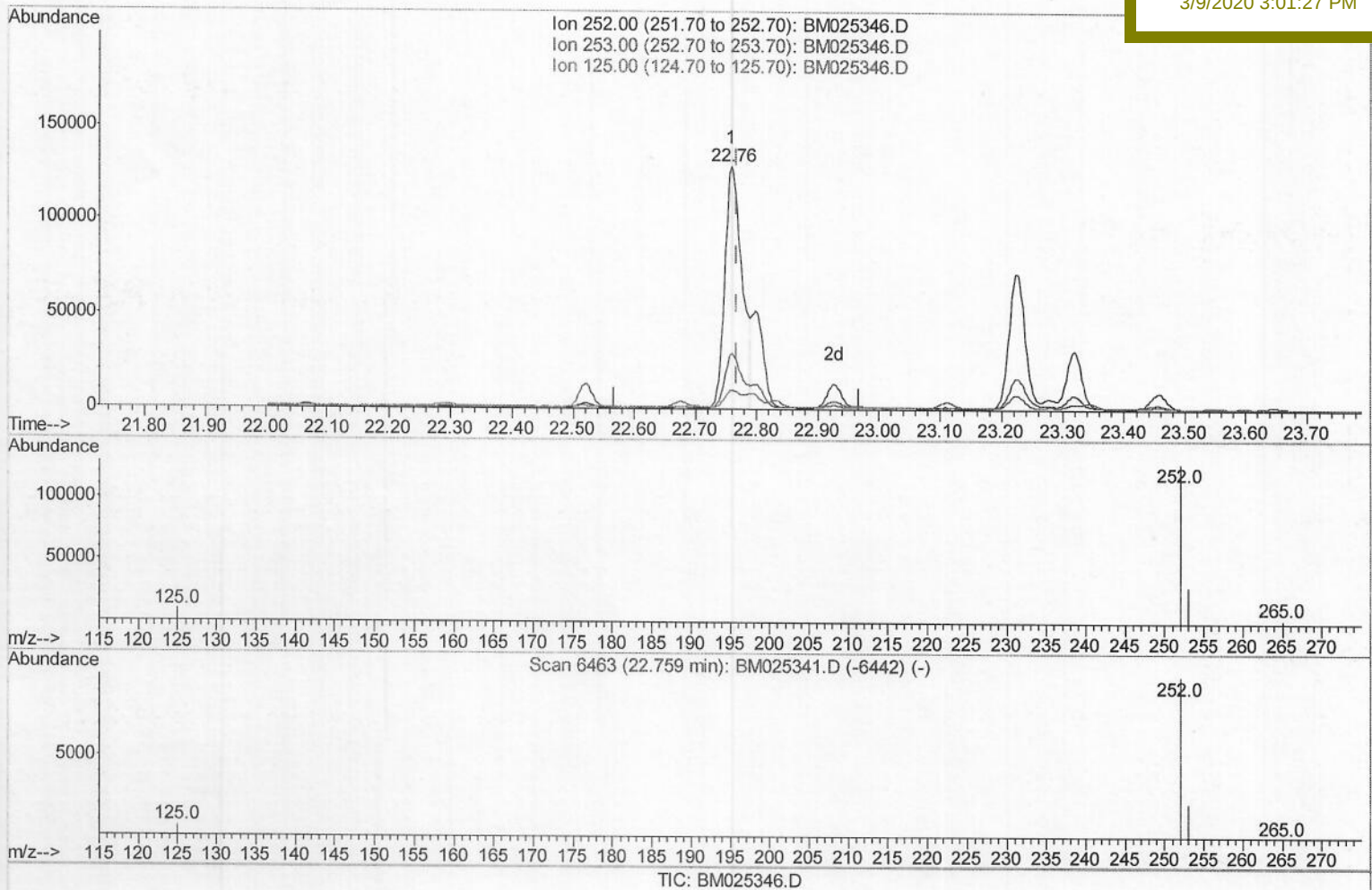
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
 Data File : BM025346.D
 Acq On : 07 Mar 2020 12:52
 Operator : CG/JU
 Sample : L1616-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DBDQ5

Quant Time: Mar 07 20:30:31 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 20:27:15 2020
 Response via : Initial Calibration

Manual Integrations
APPROVED

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 3/9/2020 3:01:27 PM



(21) Benzo(b)fluoranthene

22.760min (-0.009) 2.14ng/ul m> JU 03/11/20

response 248205

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	22.80
125.00	14.30	7.58
0.00	0.00	0.00

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

Data File : BM025346.D

Acq On : 07 Mar 2020 12:52

Operator : CG/JU

Sample : L1616-11

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 07 20:30:31 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 20:27:15 2020

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

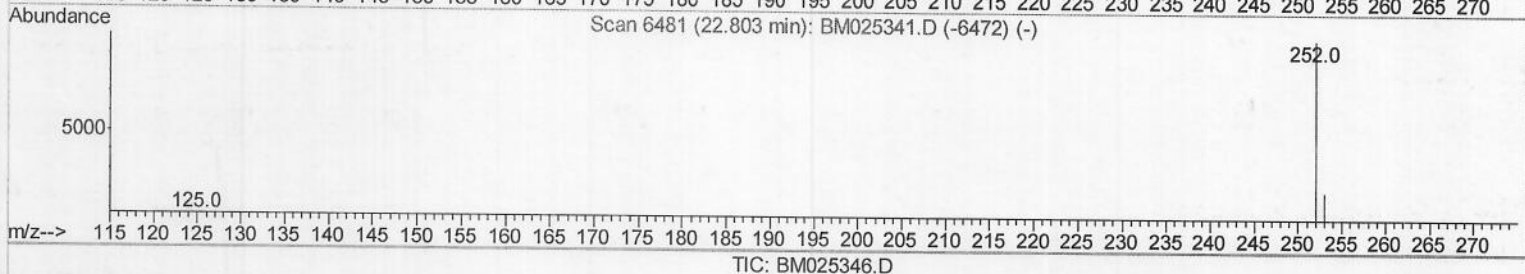
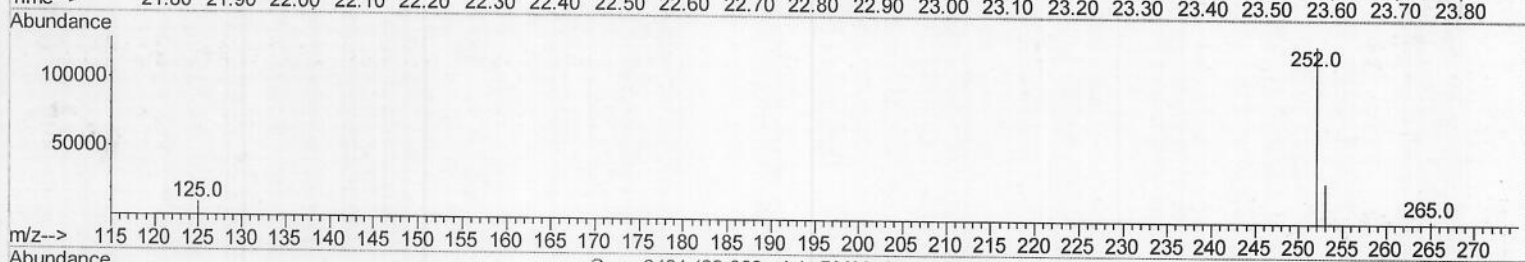
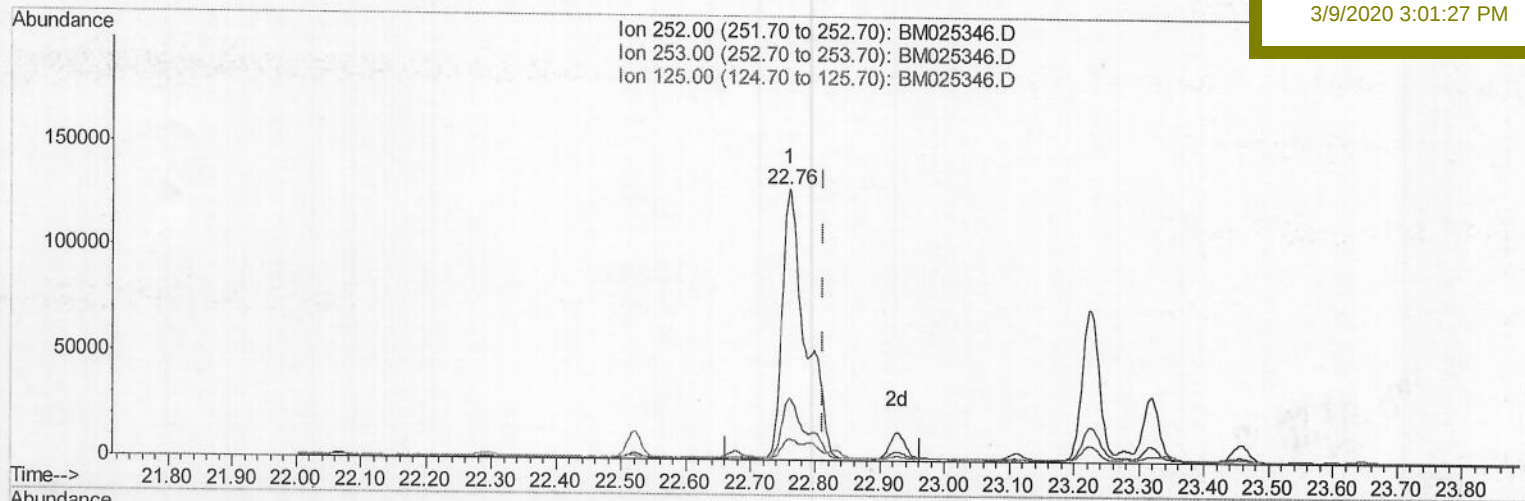
DBDQ5

Manual Integrations

APPROVED

mohammad

3/9/2020 3:01:27 PM



(22) Benzo(k)fluoranthene

22.760min (-0.053) 2.64ng/ul

response 322023

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	22.80
125.00	13.40	7.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BM025346.D

Acq On : 07 Mar 2020 12:52

Operator : CG/JU

Sample : L1616-11

Misc :

ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 07 20:30:31 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 20:27:15 2020

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

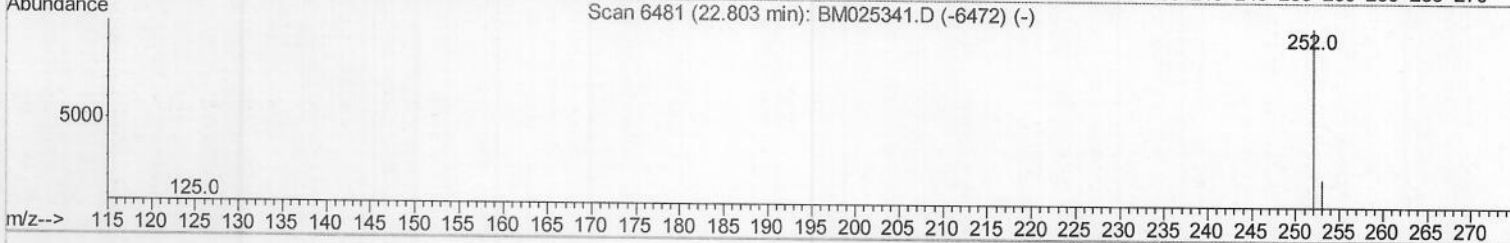
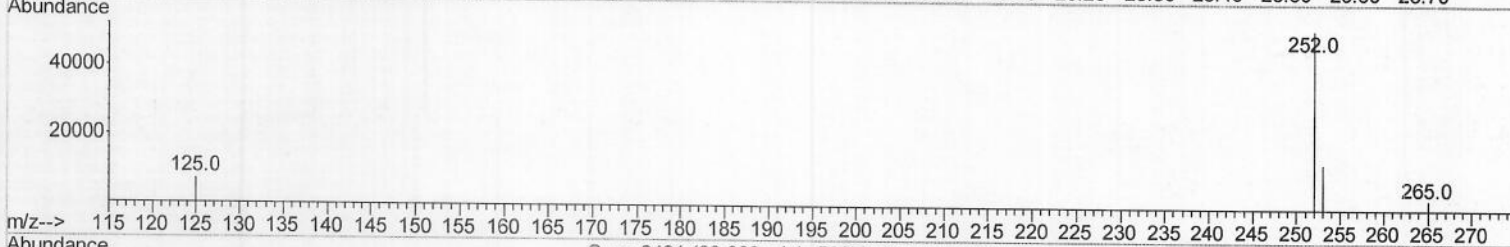
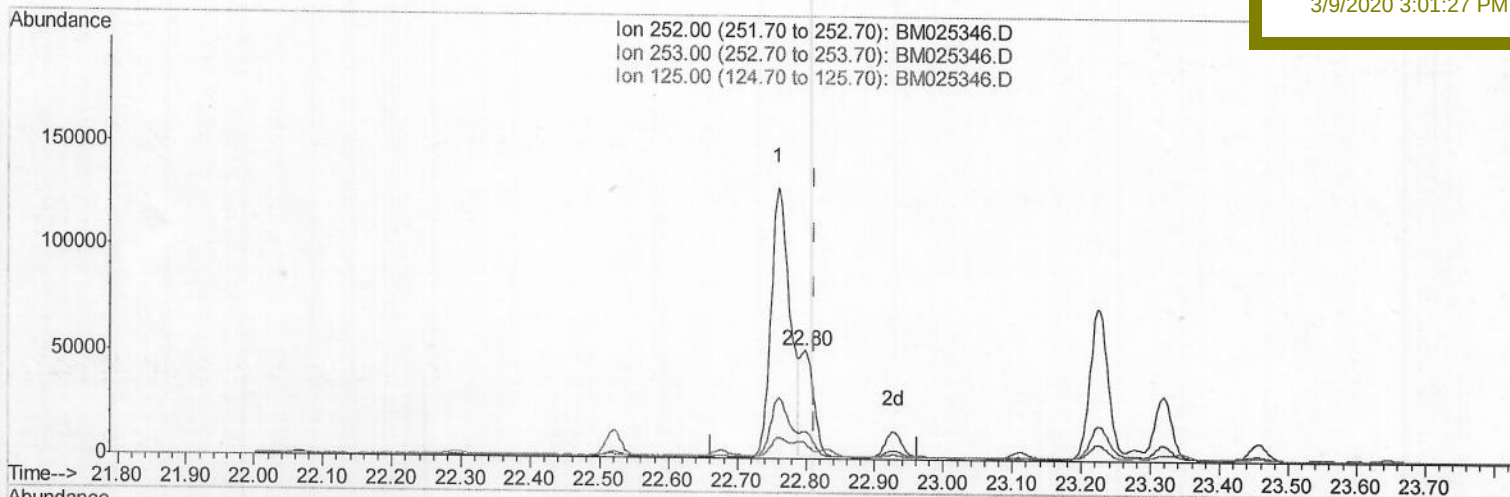
DBDQ5

Manual Integrations

APPROVED

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3/9/2020 3:01:27 PM



(22) Benzo(k)fluoranthene

22.798min (-0.014) 0.57ng/ul m *750 03/11/20*

response 69906

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	25.35
125.00	13.40	14.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
 Data File : BM025346.D
 Acq On : 07 Mar 2020 12:52
 Operator : CG/JU
 Sample : L1616-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: Mar 07 20:32:07 2020
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4562	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	21027	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	15610	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	36041m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	33391	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	29053	0.40	ng/ul	0.00

JOV 03/11/20

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	12704	0.32	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	39519	0.34	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.48	128	1948	0.031	ng/ul	92
5) 2-Methylnaphthalene	12.10	142	996	0.022	ng/ul	100
7) Acenaphthylene	14.01	152	11028	0.151	ng/ul	95
8) Acenaphthene	14.36	153	1264	0.022	ng/ul	98
9) Fluorene	15.35	166	1667	0.023	ng/ul#	98
11) Pentachlorophenol	16.69	266	1099	0.116	ng/ul	97
12) Phenanthrene	17.08	178	14379	0.124	ng/ul	97
13) Anthracene	17.17	178	60264	0.584	ng/ul	95
15) Fluoranthene	19.10	202	138574	0.953	ng/ul	96
17) Pyrene	19.46	202	199432	1.575	ng/ul	97
18) Benzo(a)anthracene	21.21	228	58320	0.475	ng/ul	96
19) Chrysene	21.26	228	127699m	0.947	ng/ul	96
21) Benzo(b)fluoranthene	22.76	252	248205m	2.135	ng/ul	94
22) Benzo(k)fluoranthene	22.80	252	69906m	0.573	ng/ul	94
23) Benzo(a)pyrene	23.32	252	53429	0.547	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.58	276	83580	0.687	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	17703	0.176	ng/ul	94
26) Benzo(a,h,i)perylene	26.24	276	48209	0.467	ng/ul#	93

JOV 03/11/20

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