

Data File : BM023218.D

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 16:12:00 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

Response via : Initial Calibration

BNA_M

ClientSampleId :

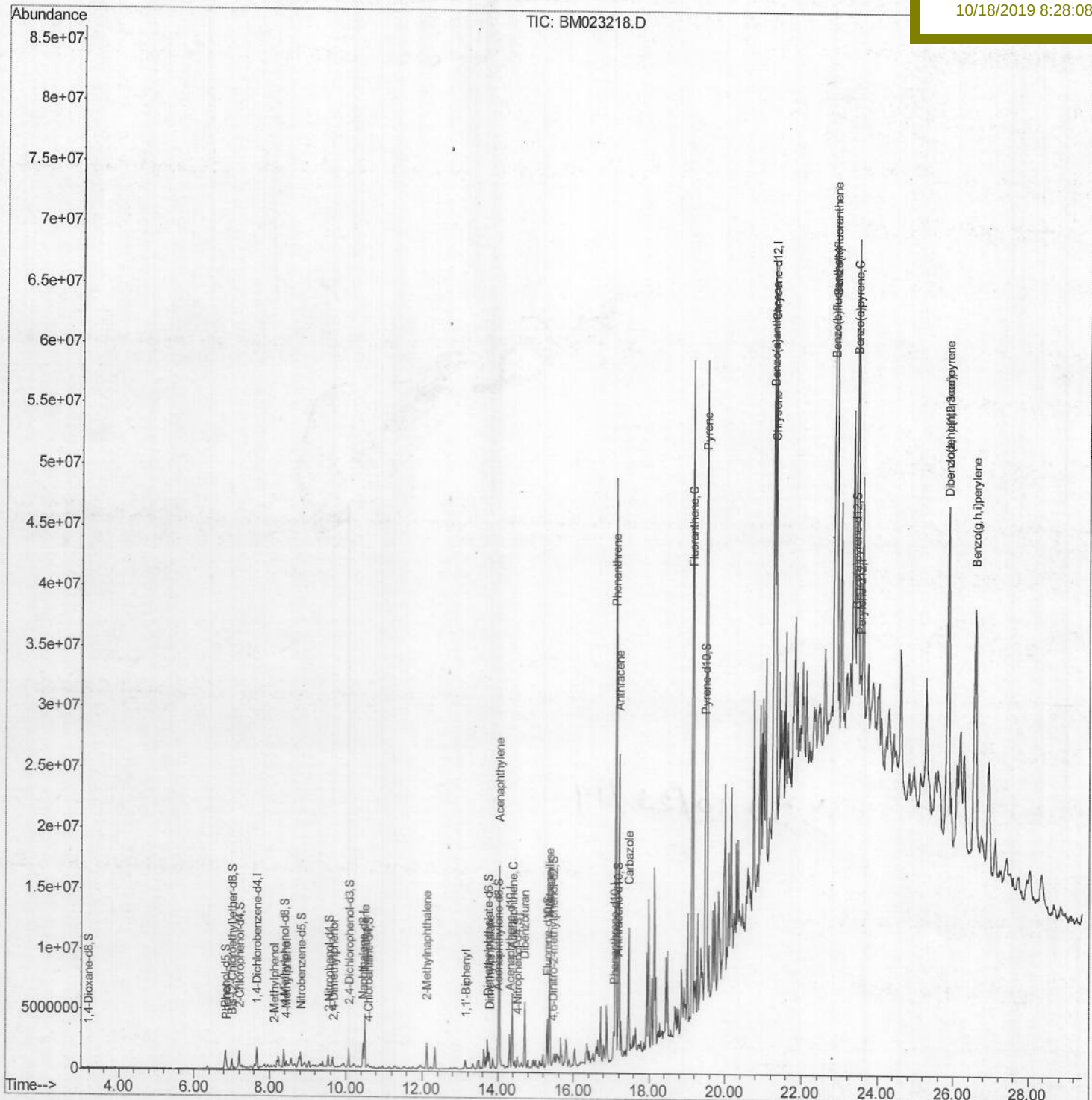
BFBB1

Manual Integrations

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Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Access On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 14:57:19 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

Response via : Initial Calibration

Instrument :

BNA M

ClientSampleId :

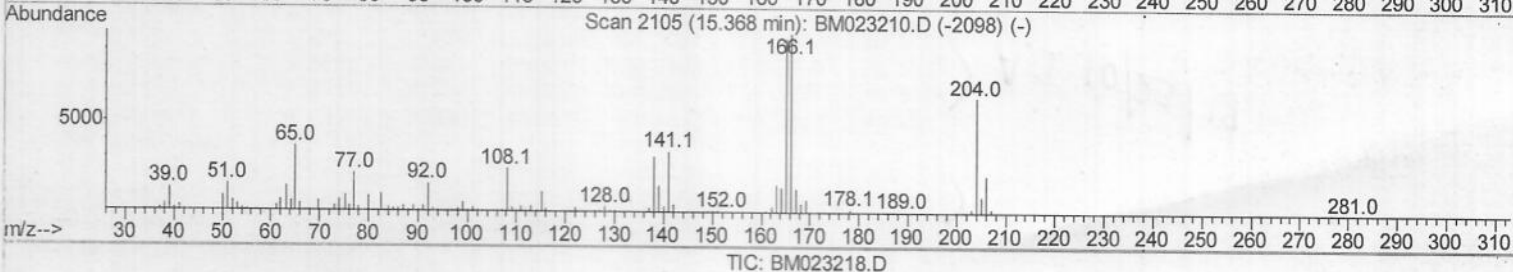
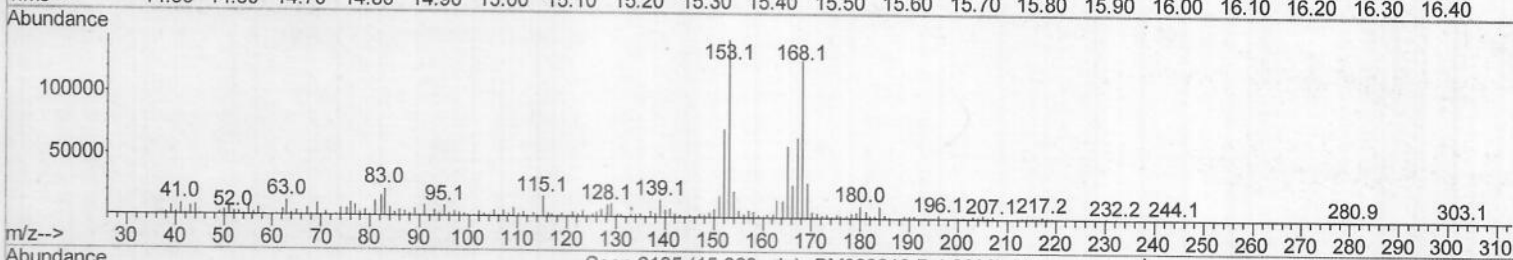
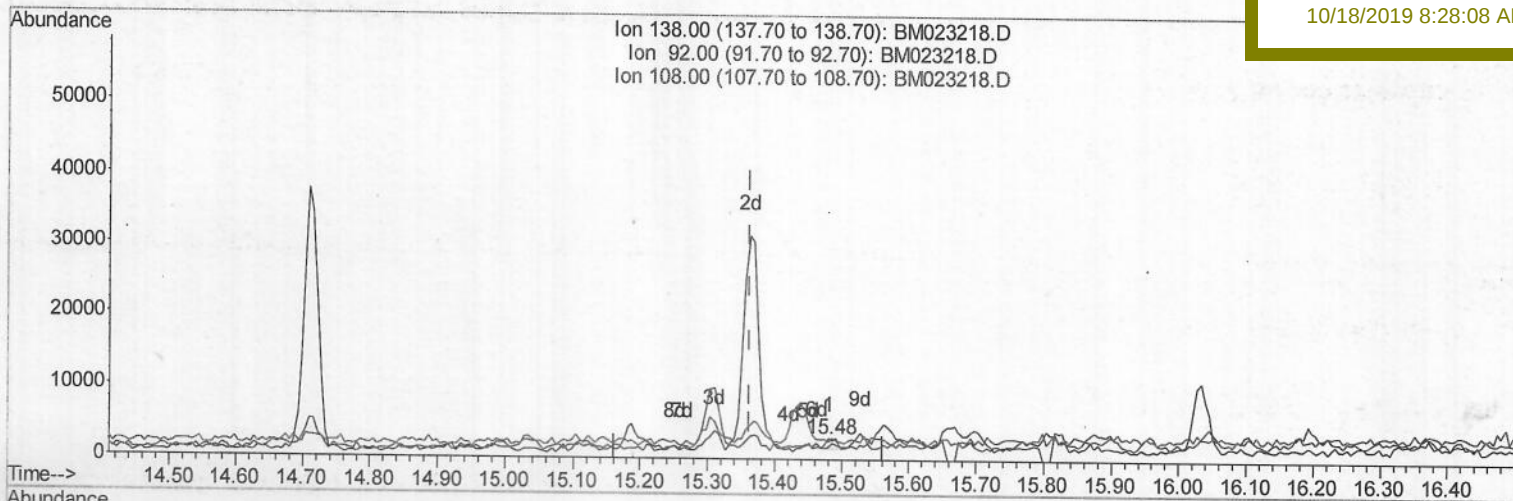
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(61) 4-Nitroaniline

15.481min (+0.118) 0.10ng/ul

response 1457

Ion	Exp%	Act%
-----	------	------

138.00	100	100
--------	-----	-----

92.00 53.30 60.27

108.00	89.90	81.95
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0.00	0.00	0.00
------	------	------

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 14:57:19 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

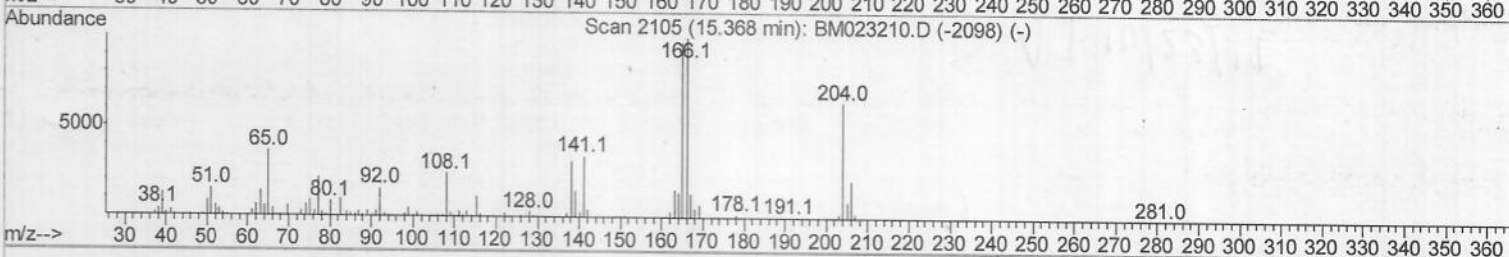
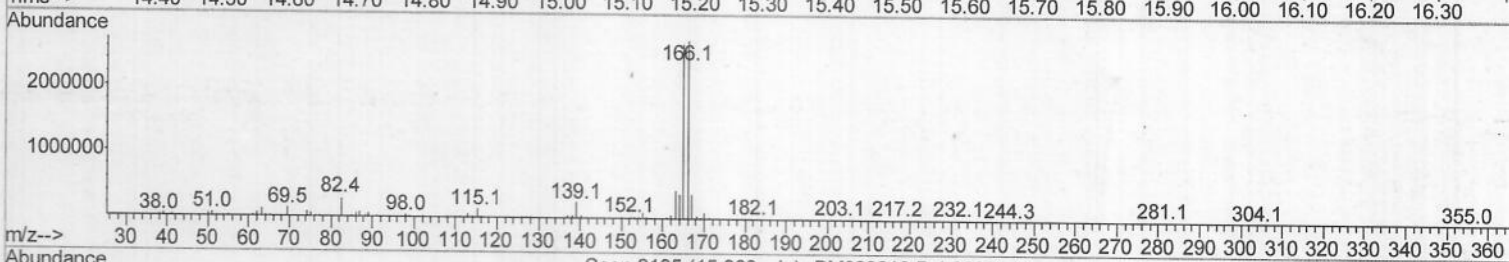
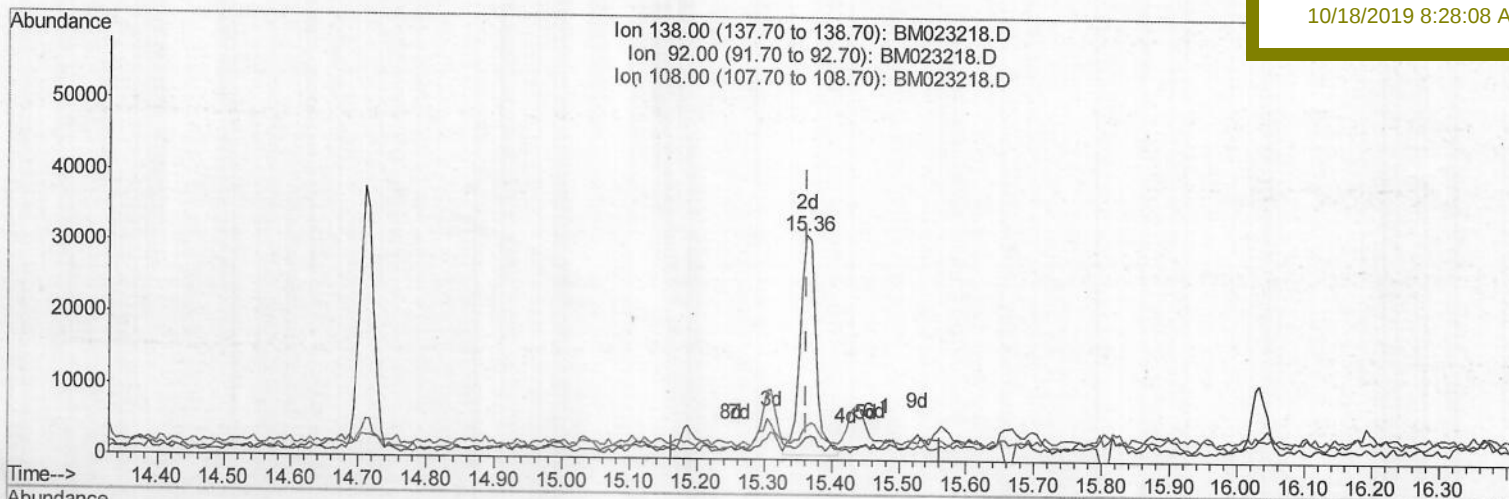
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

BFBB1

Manual Integrations
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TIC: BM023218.D

(61) 4-Nitroaniline

15.363min (+0.000) 3.51ng/ul m

JU 10/23/19

response 50492

Ion	Exp%	Act%
138.00	100	100
92.00	53.30	9.86#
108.00	89.90	14.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 14:57:19 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

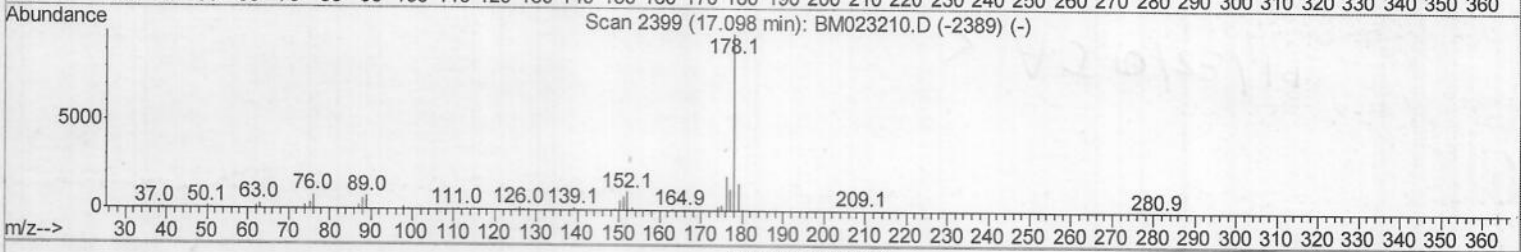
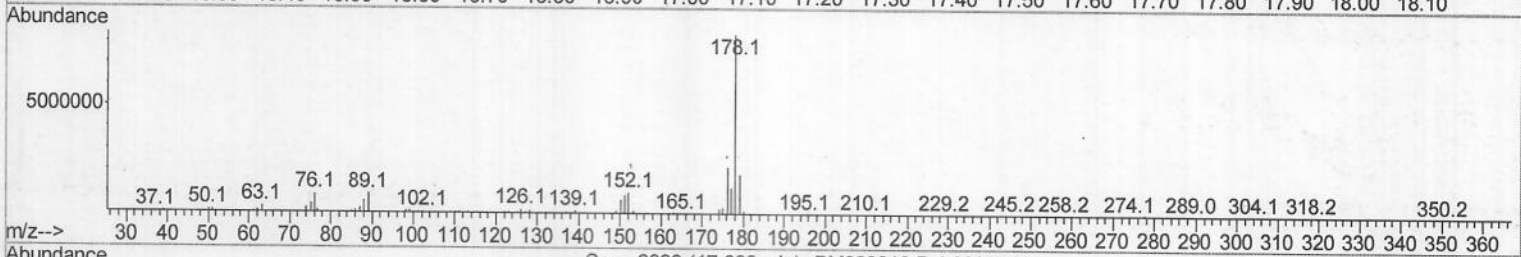
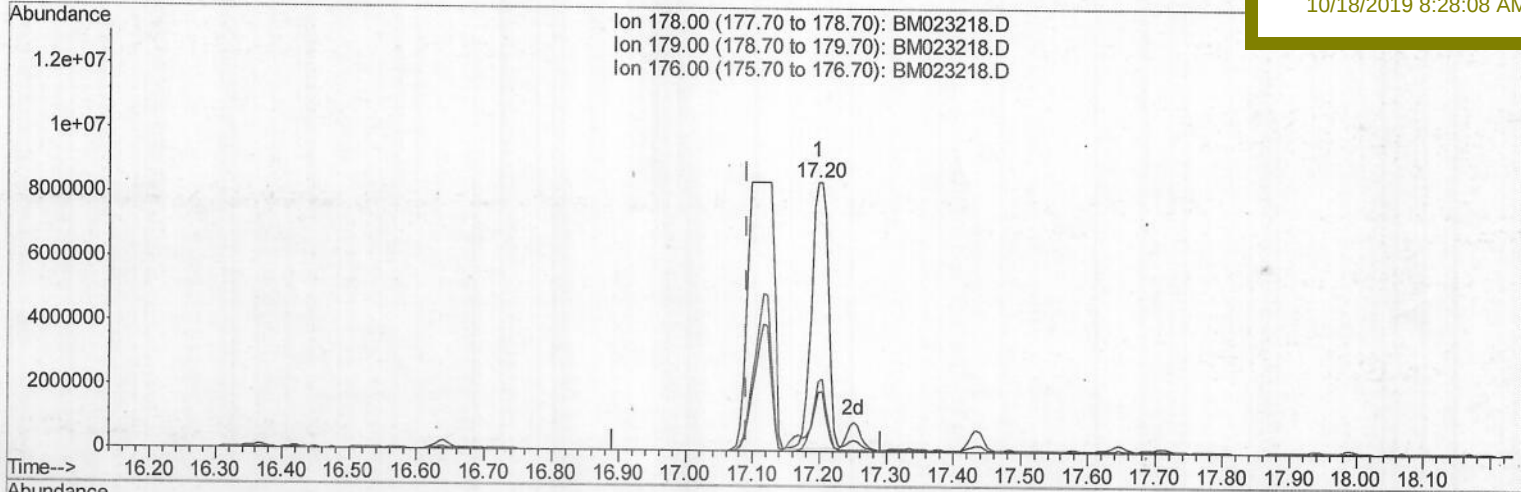
BFBB1

Manual Integrations

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TIC: BM023218.D

(70) Phenanthrene

17.198min (+0.106) 143.83ng/ul

response 14579960

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	21.74#
176.00	19.40	25.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 14:57:19 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

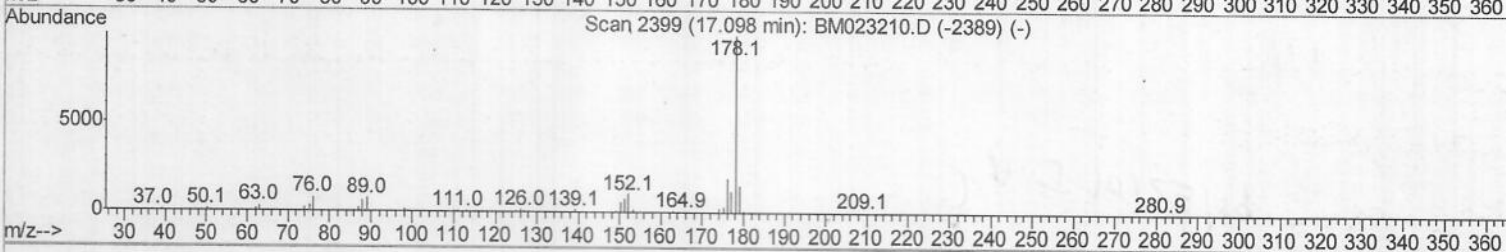
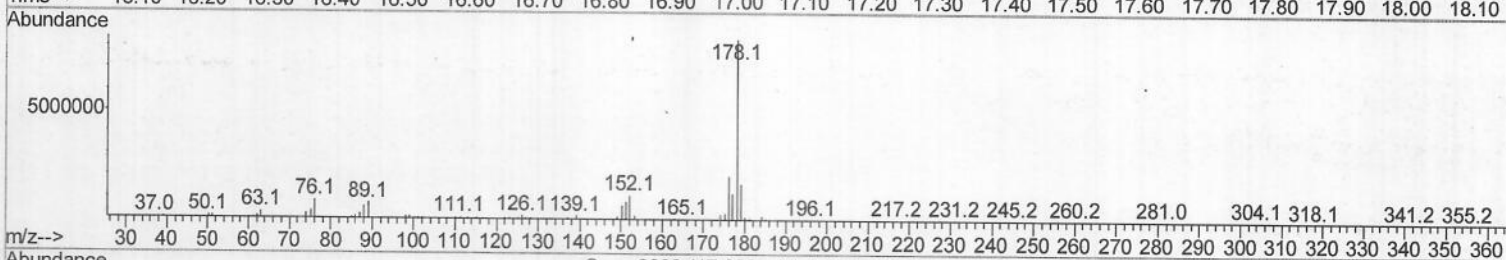
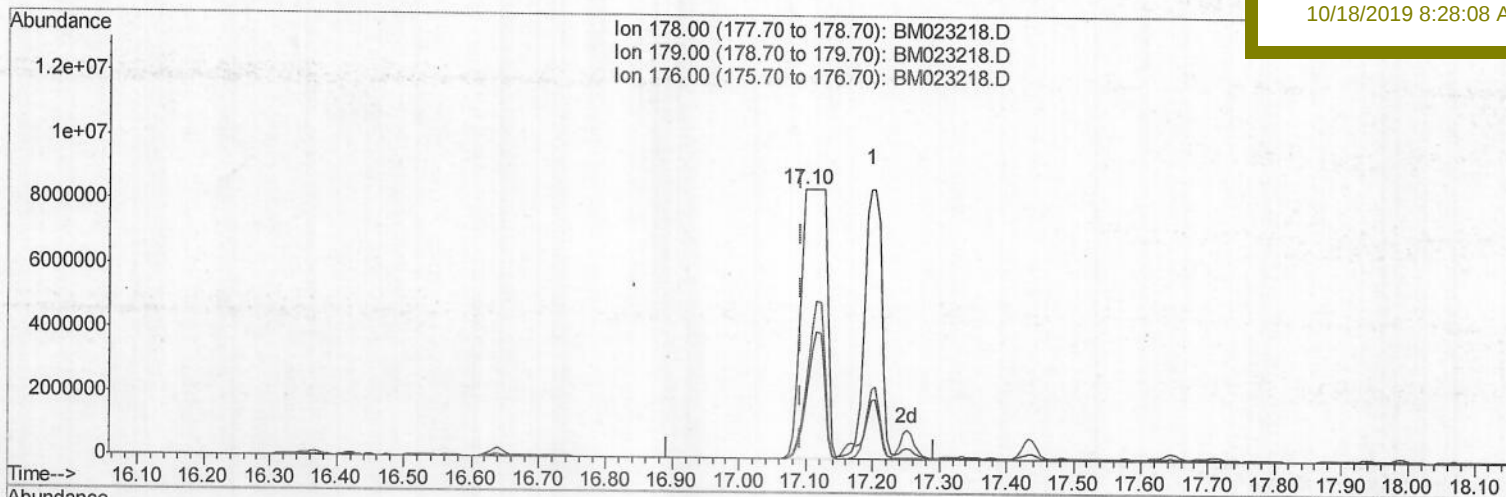
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(70) Phenanthrene

17.098min (+0.006) 223.07ng/ul m

JU 10/28/19

response 22612945

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	20.04#
176.00	19.40	23.89#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 14:57:19 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

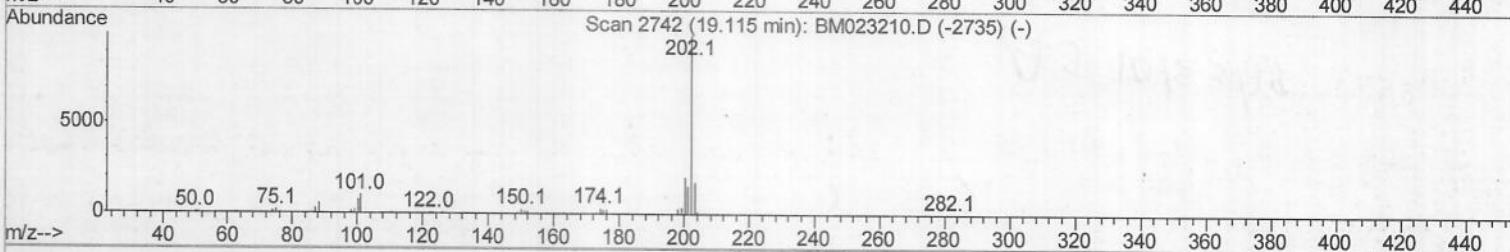
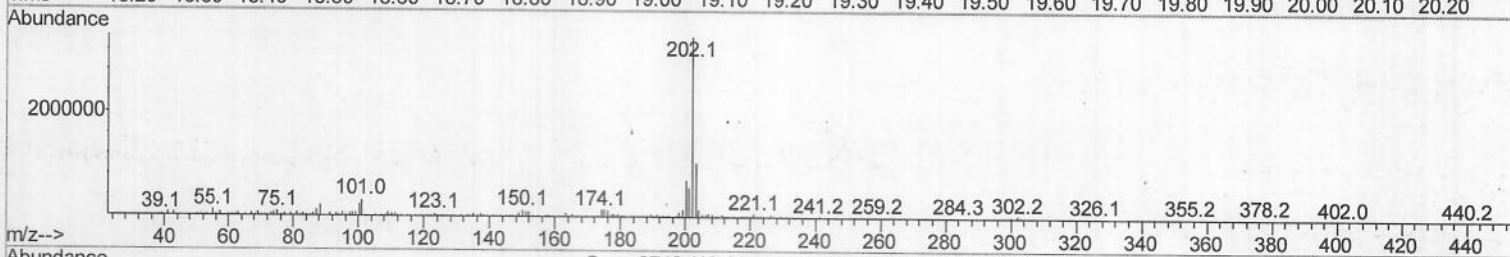
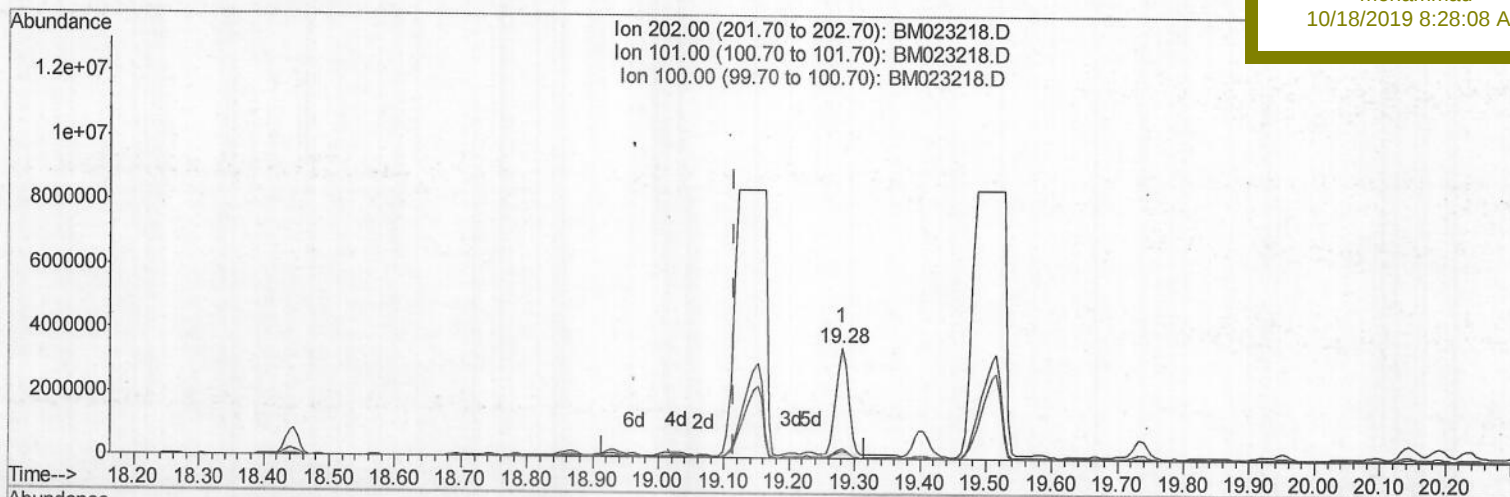
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

BFBB1

Manual Integrations
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TIC: BM023218.D

(77) Fluoranthene (C)

19.280min (+0.165) 37.30ng/ul

response 4497388

Ion	Exp%	Act%
202.00	100	100
101.00	9.80	8.99
100.00	7.60	6.73
0.00	0.00	0.00

Quantitation Report (Qedit)

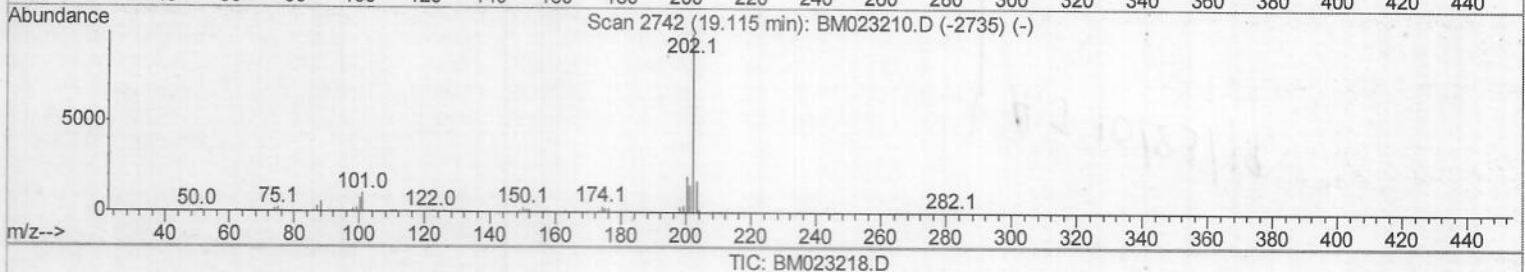
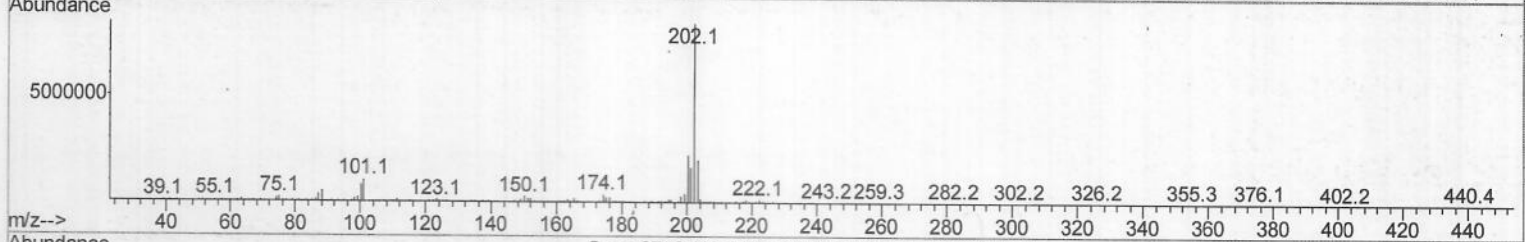
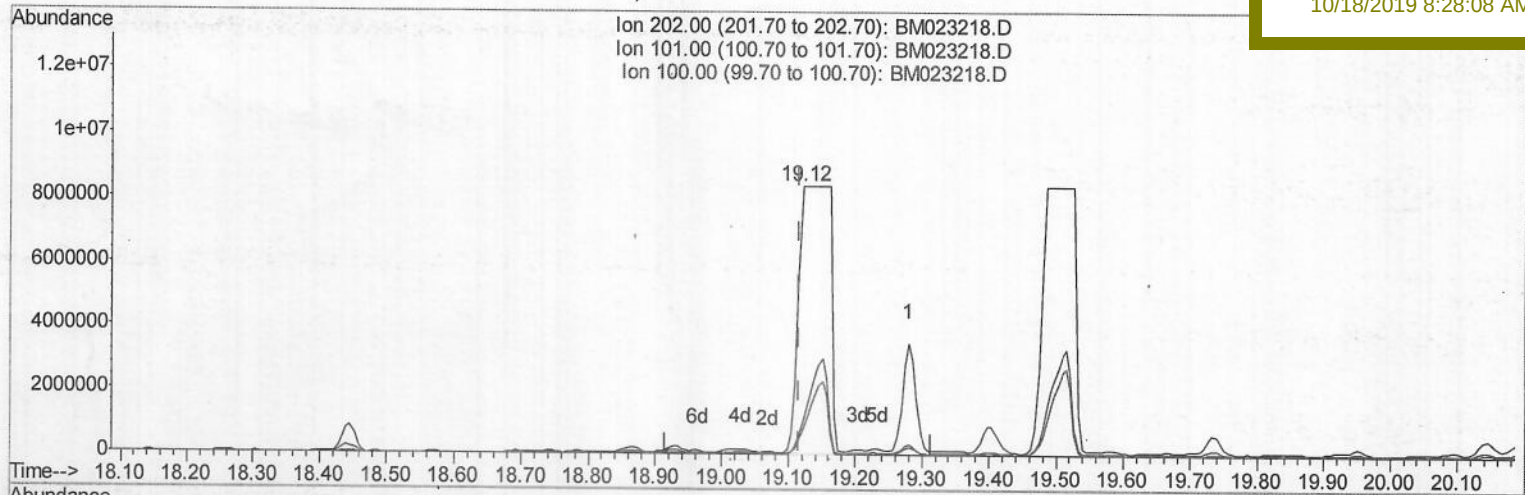
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023218.D
Acq On : 17 Oct 2019 12:50
Operator : JU
Sample : K5262-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 14:57:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFBB1

Manual Integrations
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(77) Fluoranthene (C)

19.122min (+0.006) 225.91ng/ul m

JU 10/23/19

response 27235943

Ion	Exp%	Act%
202.00	100	100
101.00	9.80	12.39#
100.00	7.60	9.39#
0.00	0.00	0.00

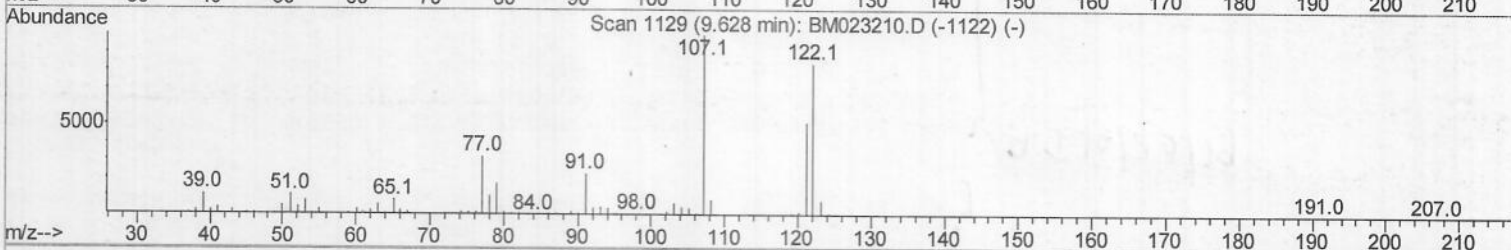
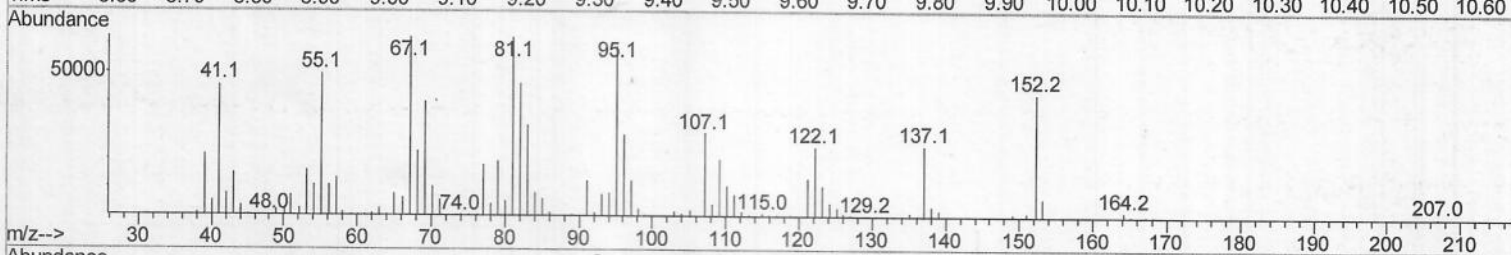
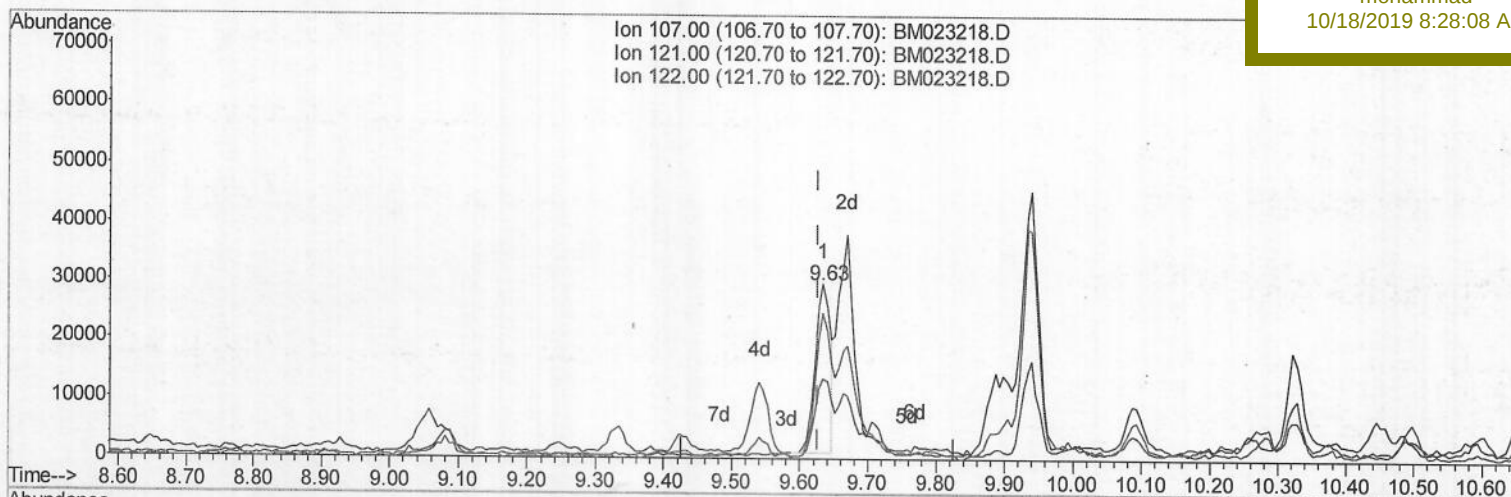
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM101619\Not Reviewed Data\
Data File : BM023218.D
Acq On : 17 Oct 2019 12:50
Operator : JU
Sample : K5262-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 16:50:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFBB1

Manual Integrations
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TIC: BM023218.D

(24) 2,4-Dimethylphenol

9.634min (+0.006) 1.42ng/ul

response 43719

Ion	Exp%	Act%
107.00	100	100
121.00	48.70	45.86
122.00	80.90	83.31
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 15:16:23 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

Response via : Initial Calibration

Instrument :

BNA_M

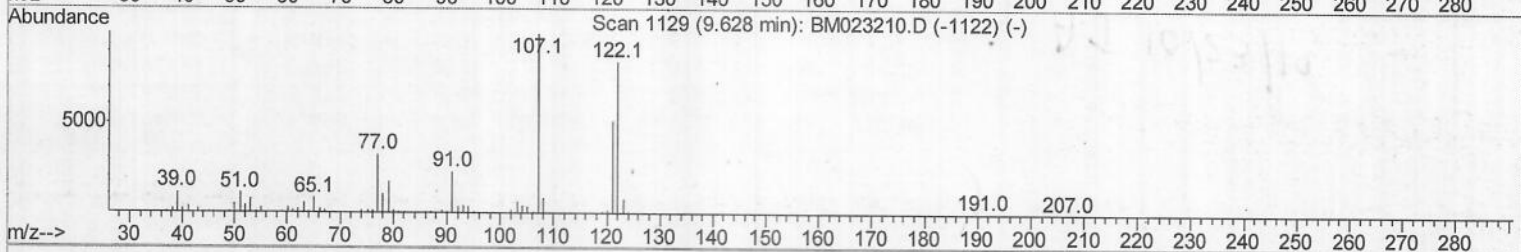
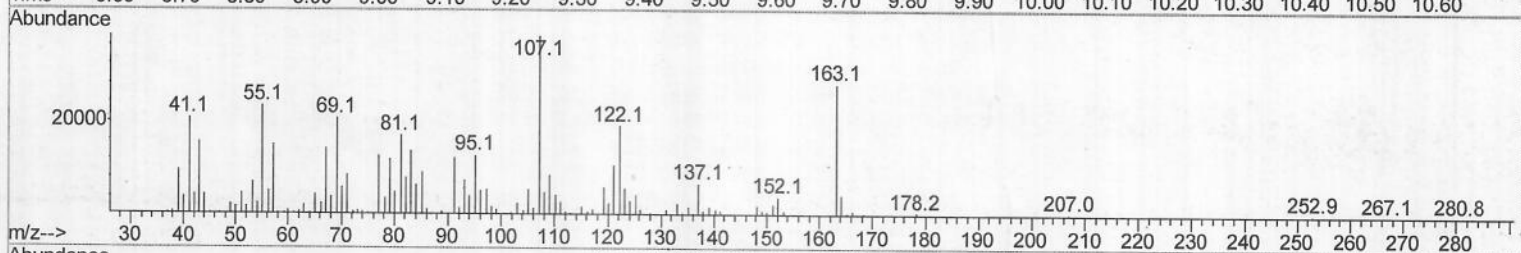
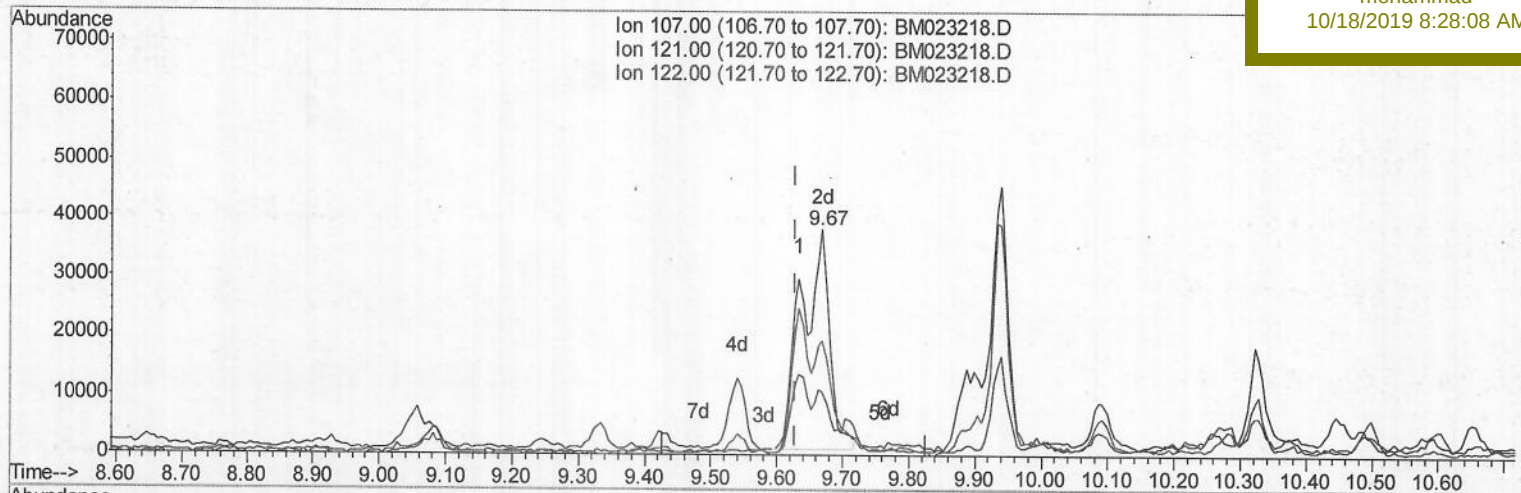
ClientSampled :

BFBB1

Manual Integrations
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TIC: BM023218.D

(24) 2,4-Dimethylphenol

9.669min (+0.042) 3.50ng/ul m

response 107661

Ion	Exp%	Act%
107.00	100	100
121.00	48.70	27.99#
122.00	80.90	50.24#
0.00	0.00	0.00

JU 10/23/19

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 14:57:19 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

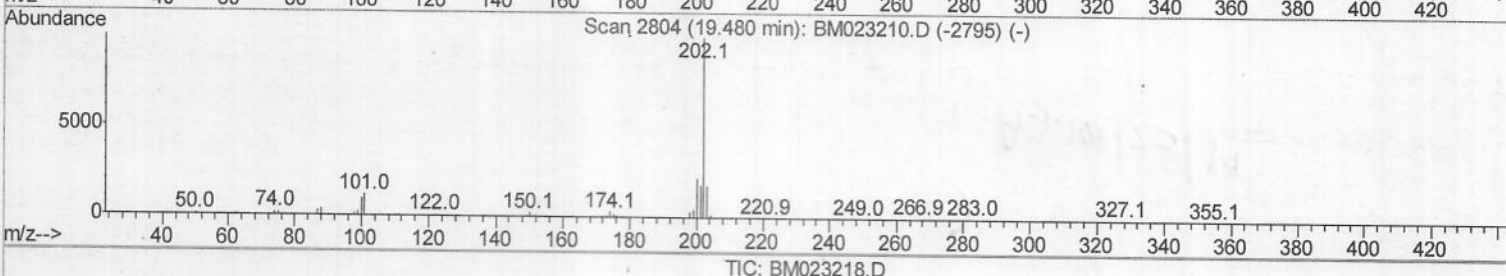
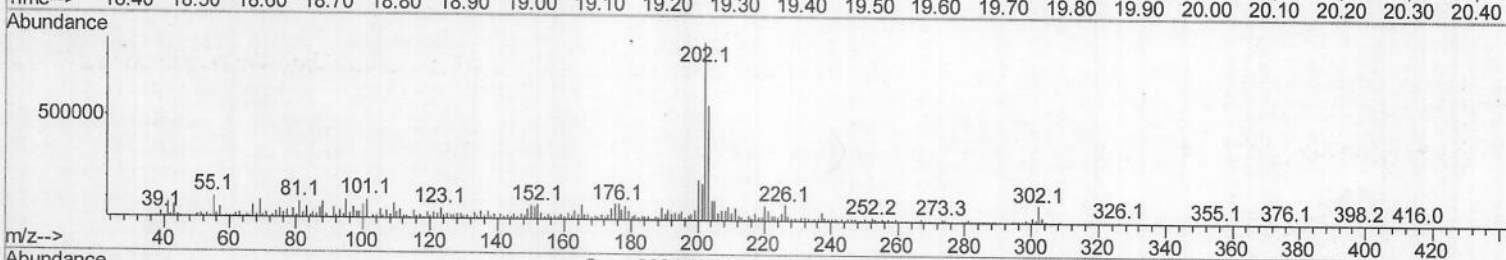
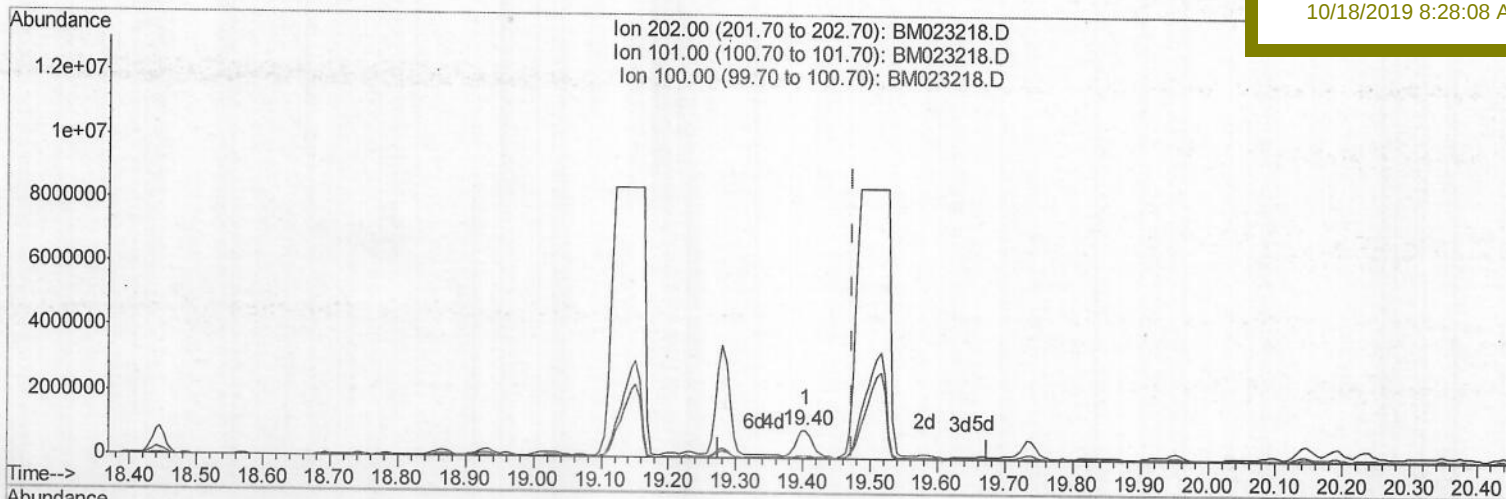
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TIC: BM023218.D

(80) Pyrene

19.404min (-0.070) 12.61ng/ul

response 1395505

Ion	Exp%	Act%
202.00	100	100
101.00	11.40	10.39
100.00	9.40	7.67
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 14:57:19 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

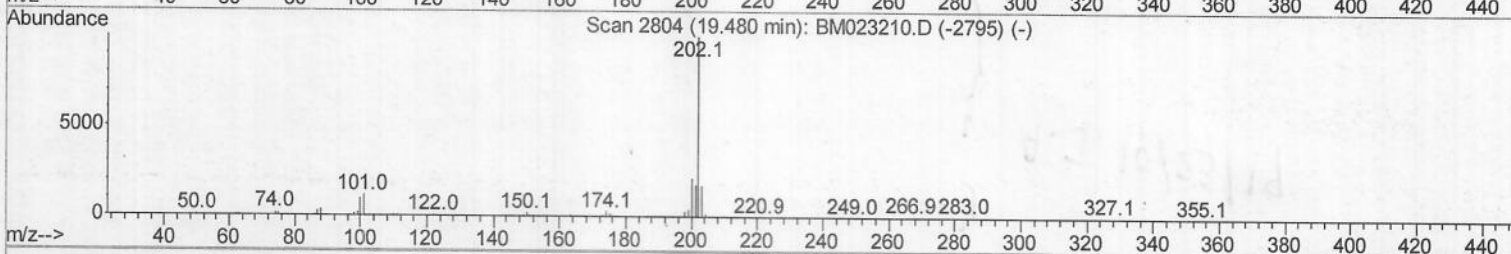
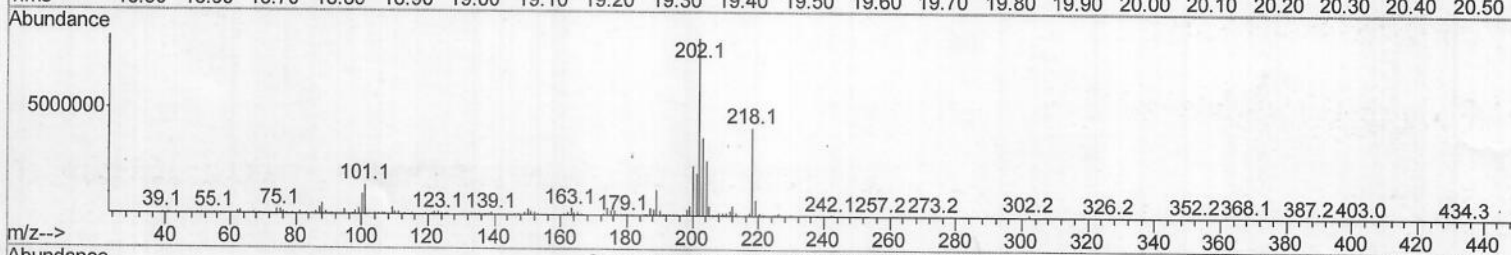
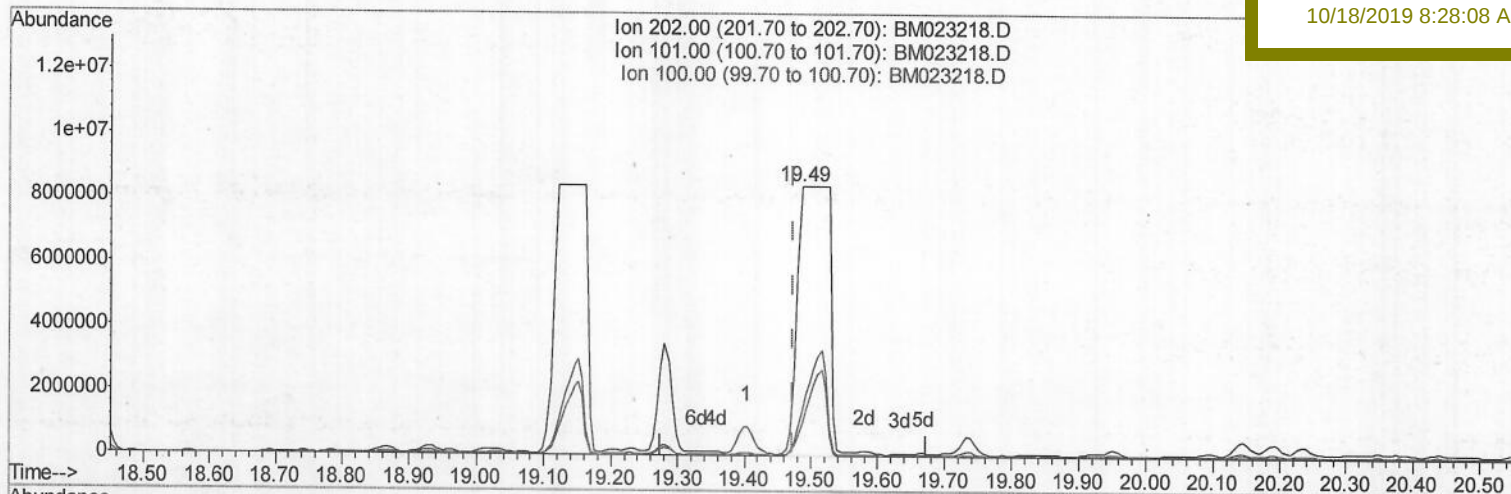
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

BFBB1

Manual Integrations
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TIC: BM023218.D

(80) Pyrene

19.486min (+0.012) 249.25ng/ul m

JU 10/23/19

response 27591095

Ion	Exp%	Act%
202.00	100	100
101.00	11.40	16.70#
100.00	9.40	11.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 14:57:19 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

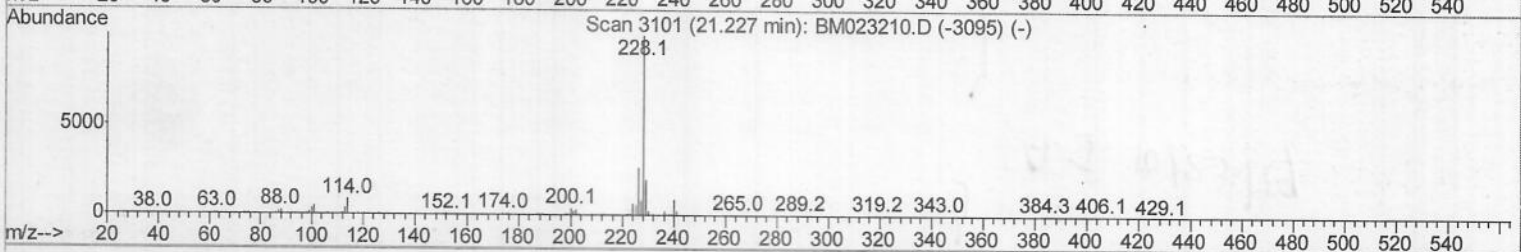
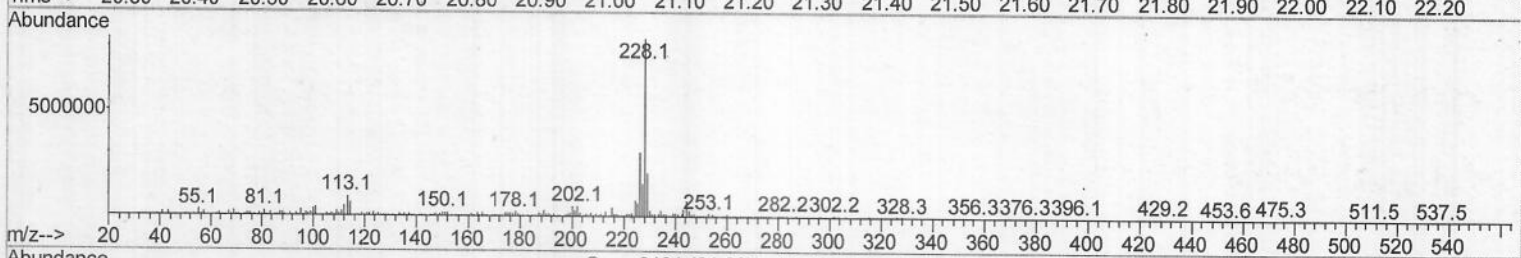
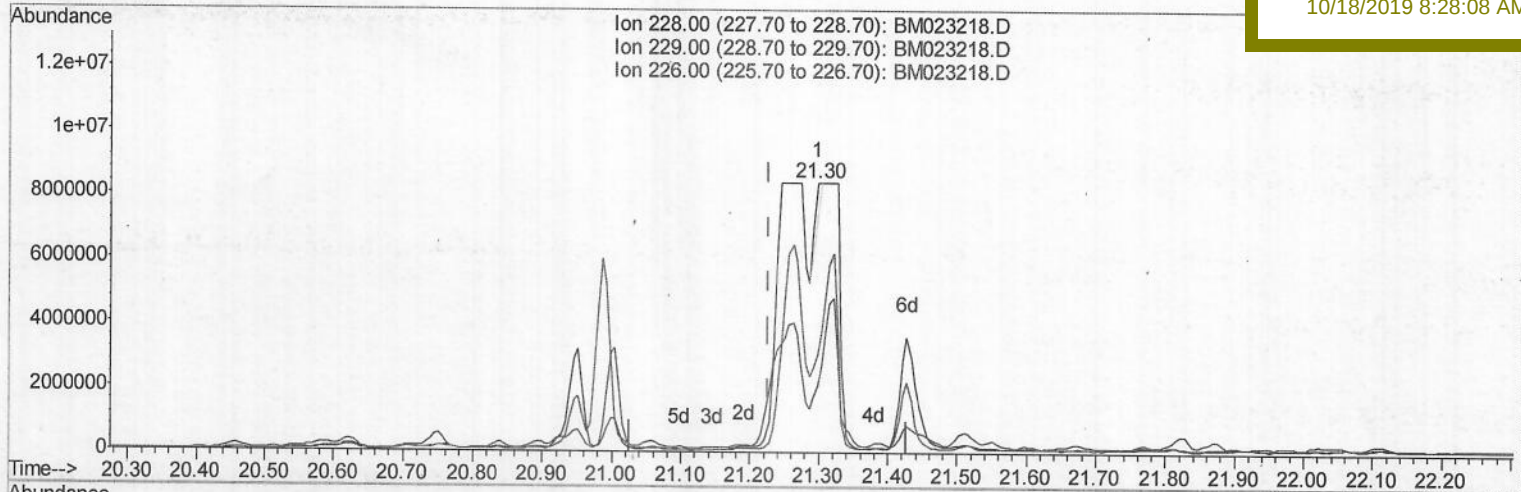
BFBB1

Manual Integrations

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TIC: BM023218.D

(83) Benzo(a)anthracene

21.298min (+0.071) 9.37ng/ul

response 1121377

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	24.89#
226.00	27.00	36.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

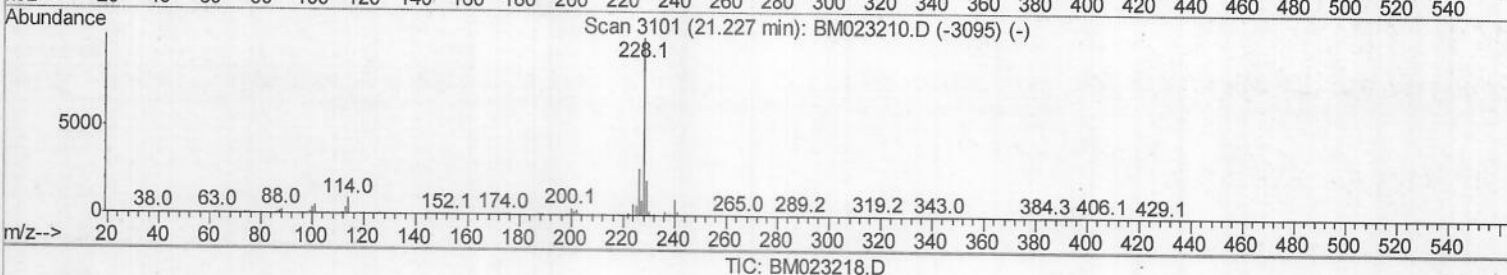
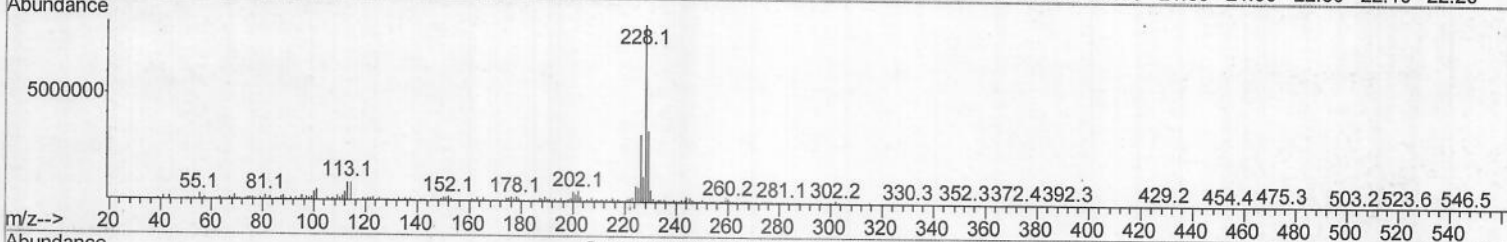
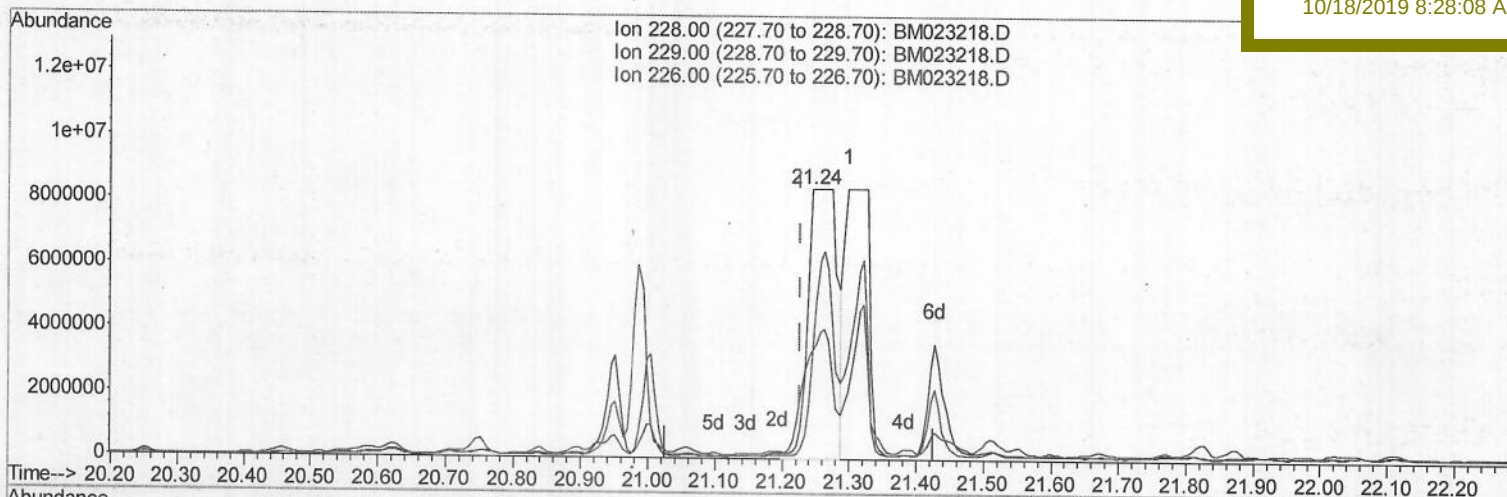
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023218.D
 Acq On : 17 Oct 2019 12:50
 Operator : JU
 Sample : K5262-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 14:57:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 12:33:14 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BFBB1

Manual Integrations
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 10/18/2019 8:28:08 AM



(83) Benzo(a)anthracene

21.245min (+0.018) 210.54ng/ul m

JU 10/28/19

response 25207233

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	39.92#
226.00	27.00	37.65#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 14:57:19 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

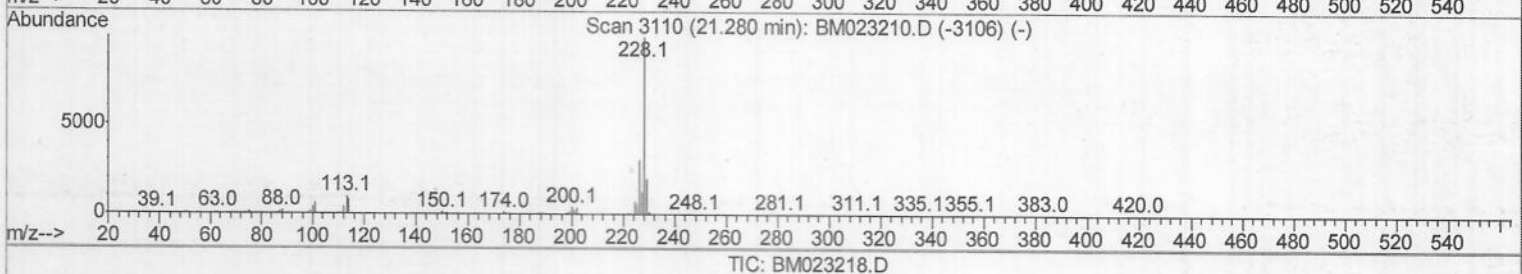
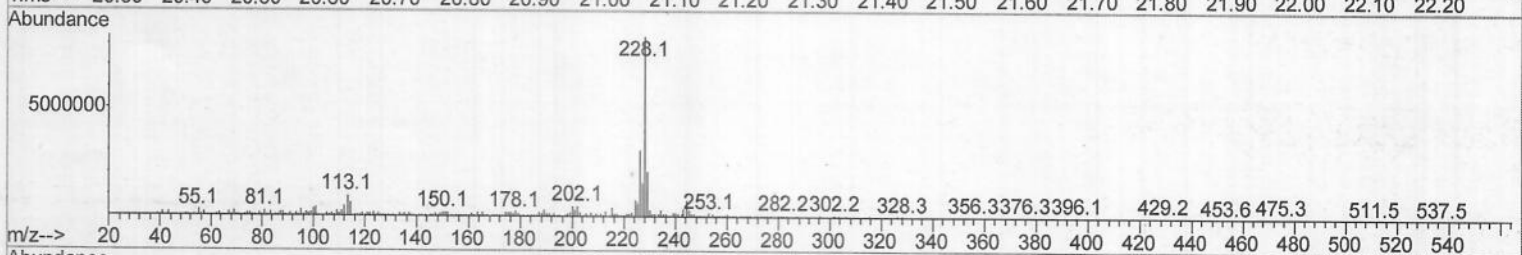
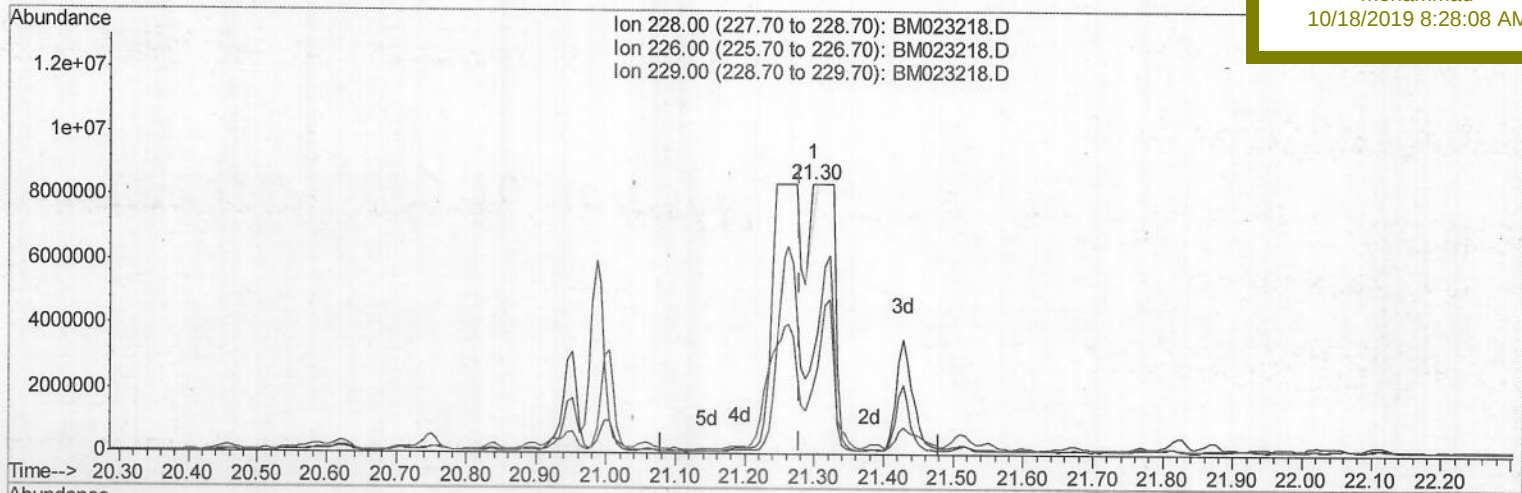
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

BFBB1

Manual Integrations
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(85) Chrysene

21.298min (+0.018) 10.09ng/ul

response 1121377

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	36.34#
229.00	19.40	24.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

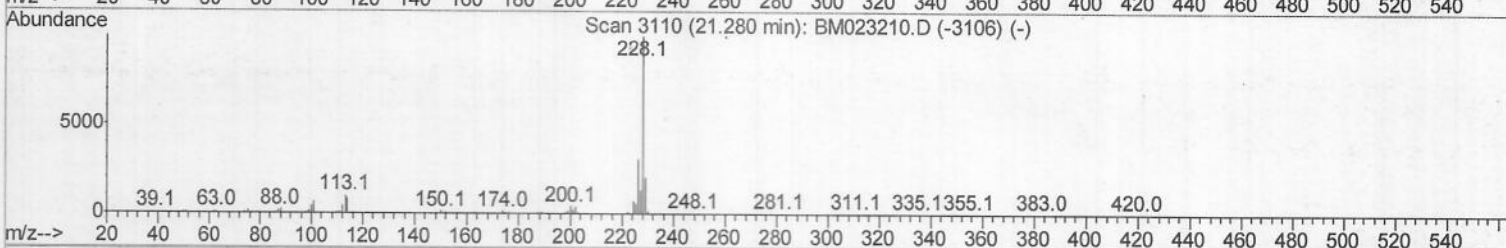
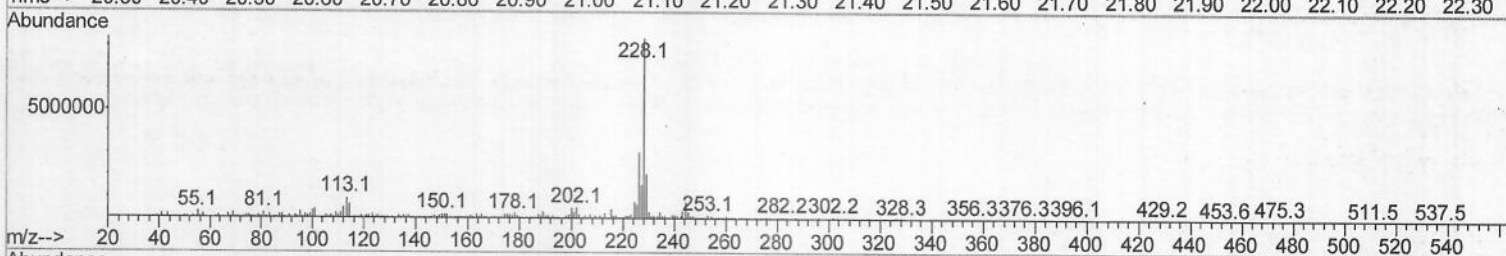
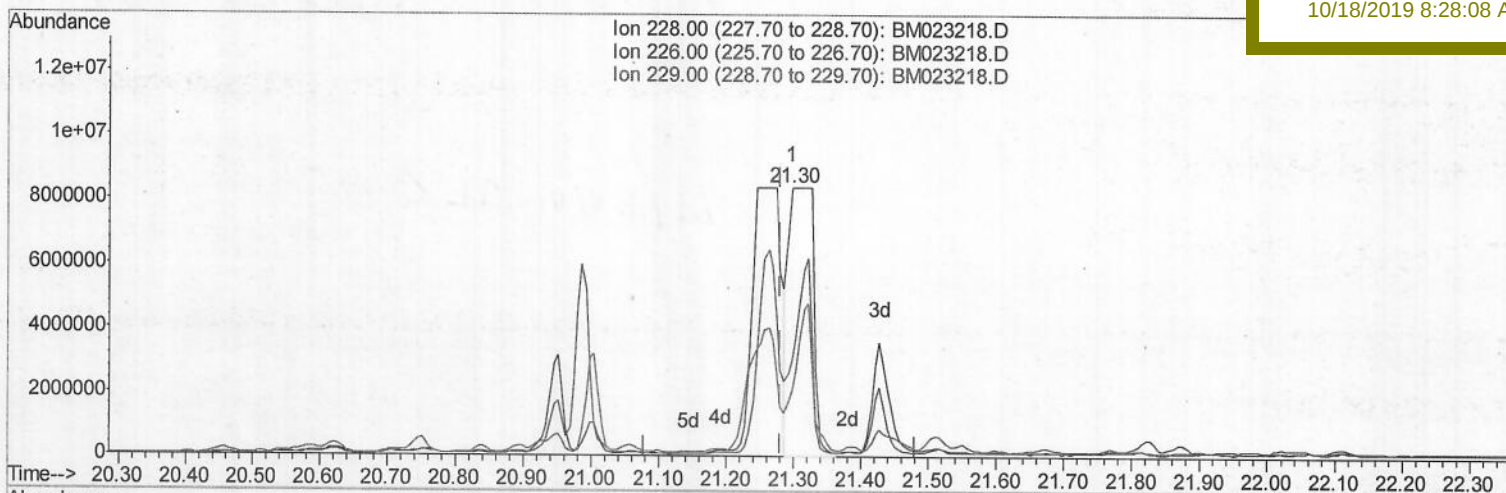
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023218.D
 Acq On : 17 Oct 2019 12:50
 Operator : JU
 Sample : K5262-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 14:57:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 12:33:14 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BFBB1

Manual Integrations
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 10/18/2019 8:28:08 AM



TIC: BM023218.D

(85) Chrysene

21.298min (+0.018) 194.43ng/ul m

response 21614878

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	36.34#
229.00	19.40	24.89#
0.00	0.00	0.00

JU 10/23/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 14:57:19 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

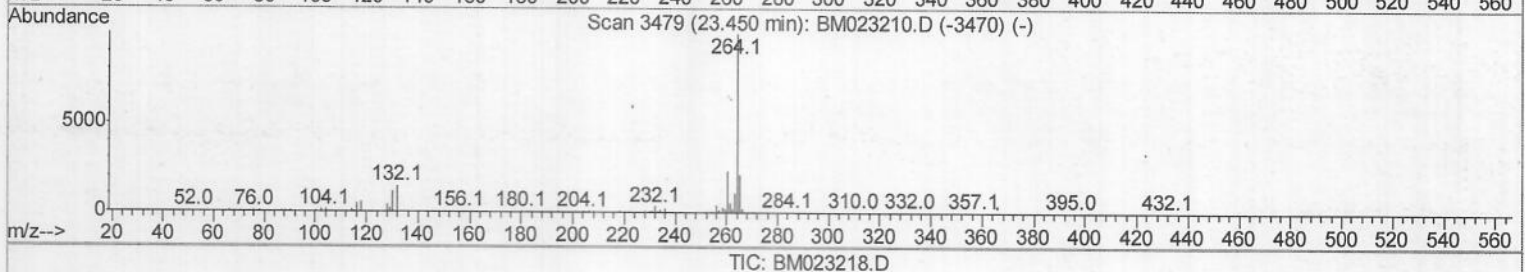
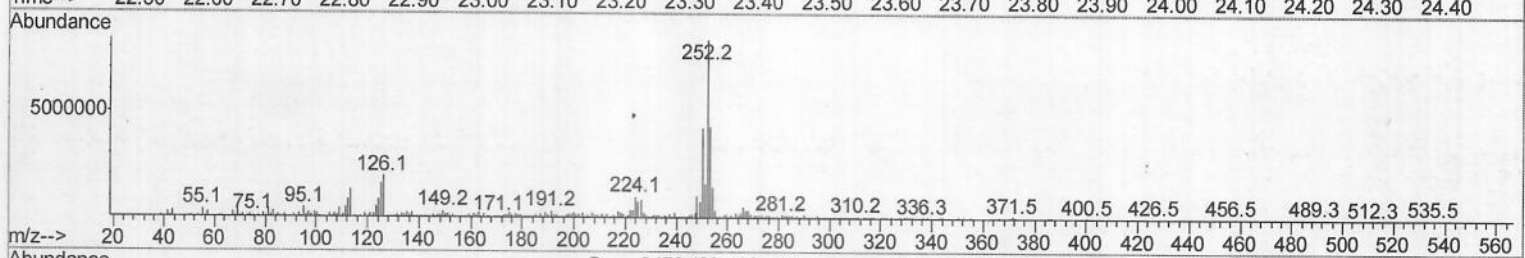
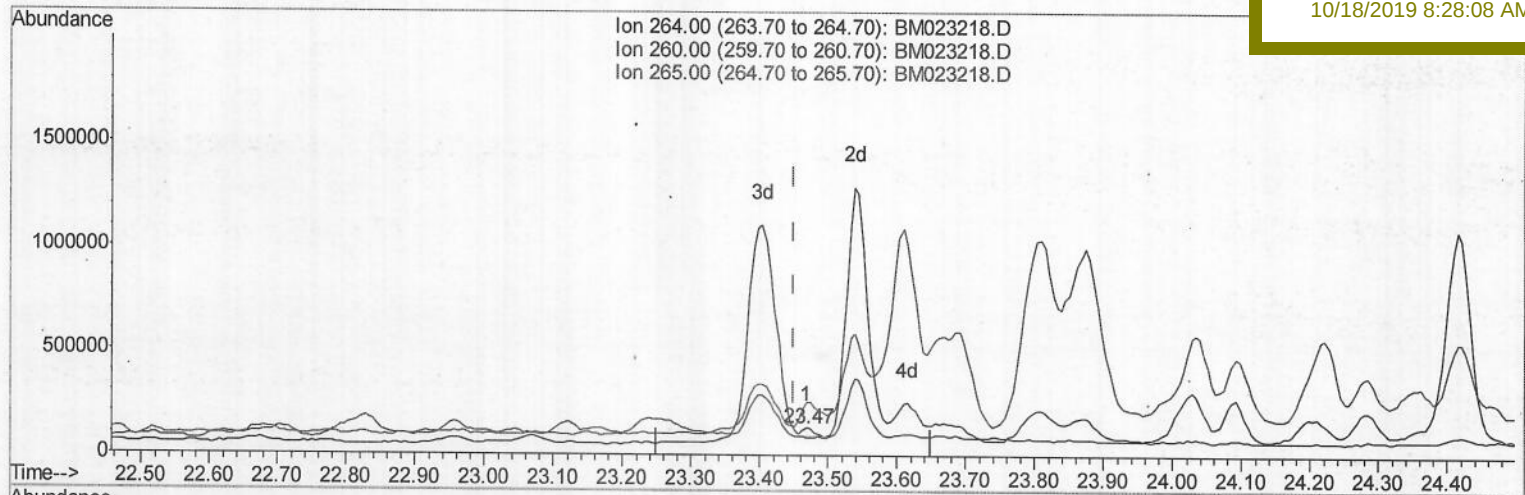
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

BFBB1

Manual Integrations
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(86) Perylene-d12 (I)

23.468min (+0.018) 20.00ng/ul

response 53502

Ion	Exp%	Act%
264.00	100	100
260.00	24.20	63.76#
265.00	21.90	193.13#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 14:57:19 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

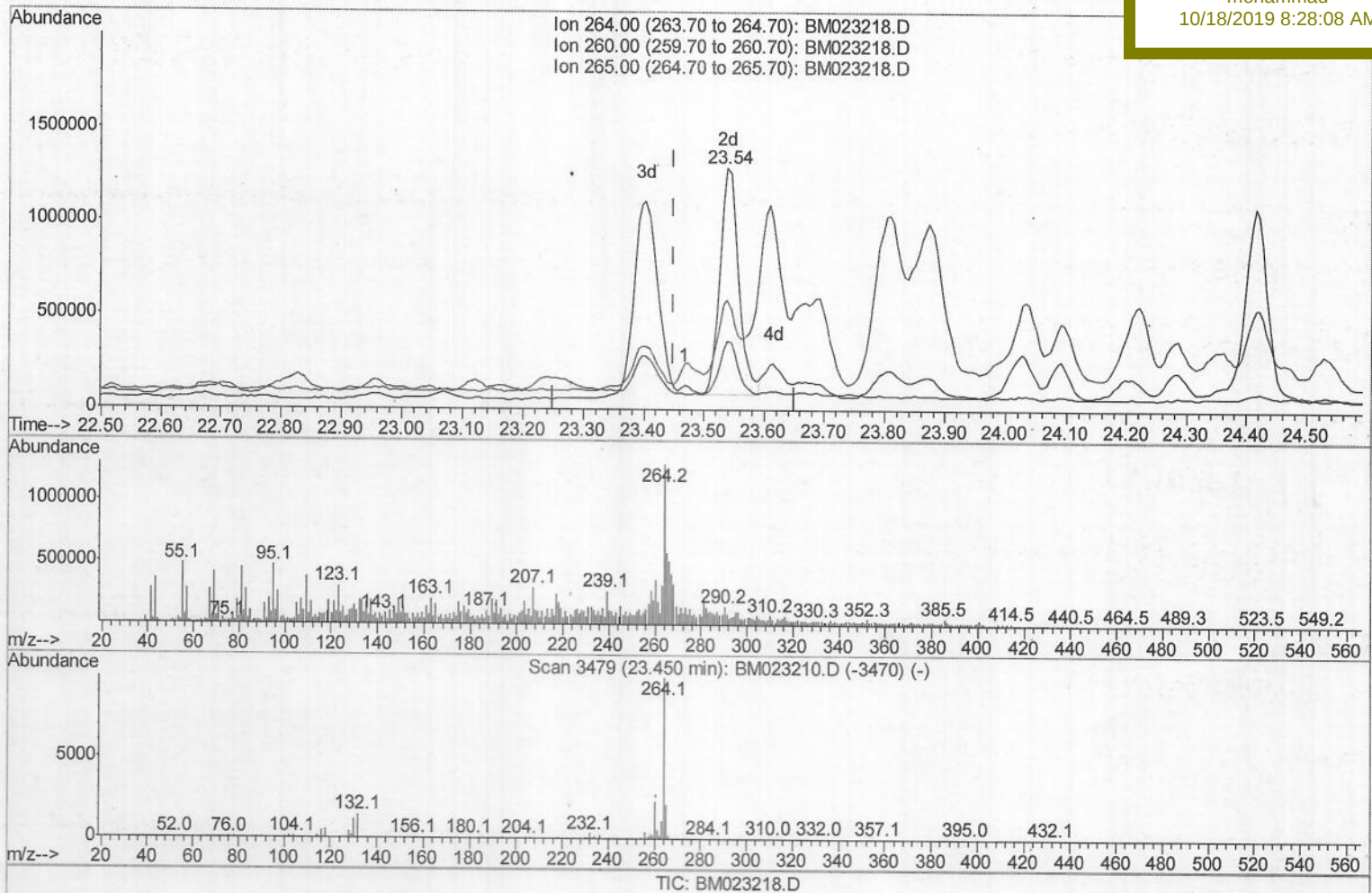
BFBB1

Manual Integrations

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(86) Perylene-d12 (I)

23.539min (+0.089) 20.00ng/ul m

JU 10/23/19

response 2580145

Ion	Exp%	Act%
264.00	100	100
260.00	24.20	28.24
265.00	21.90	45.06#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 15:04:50 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

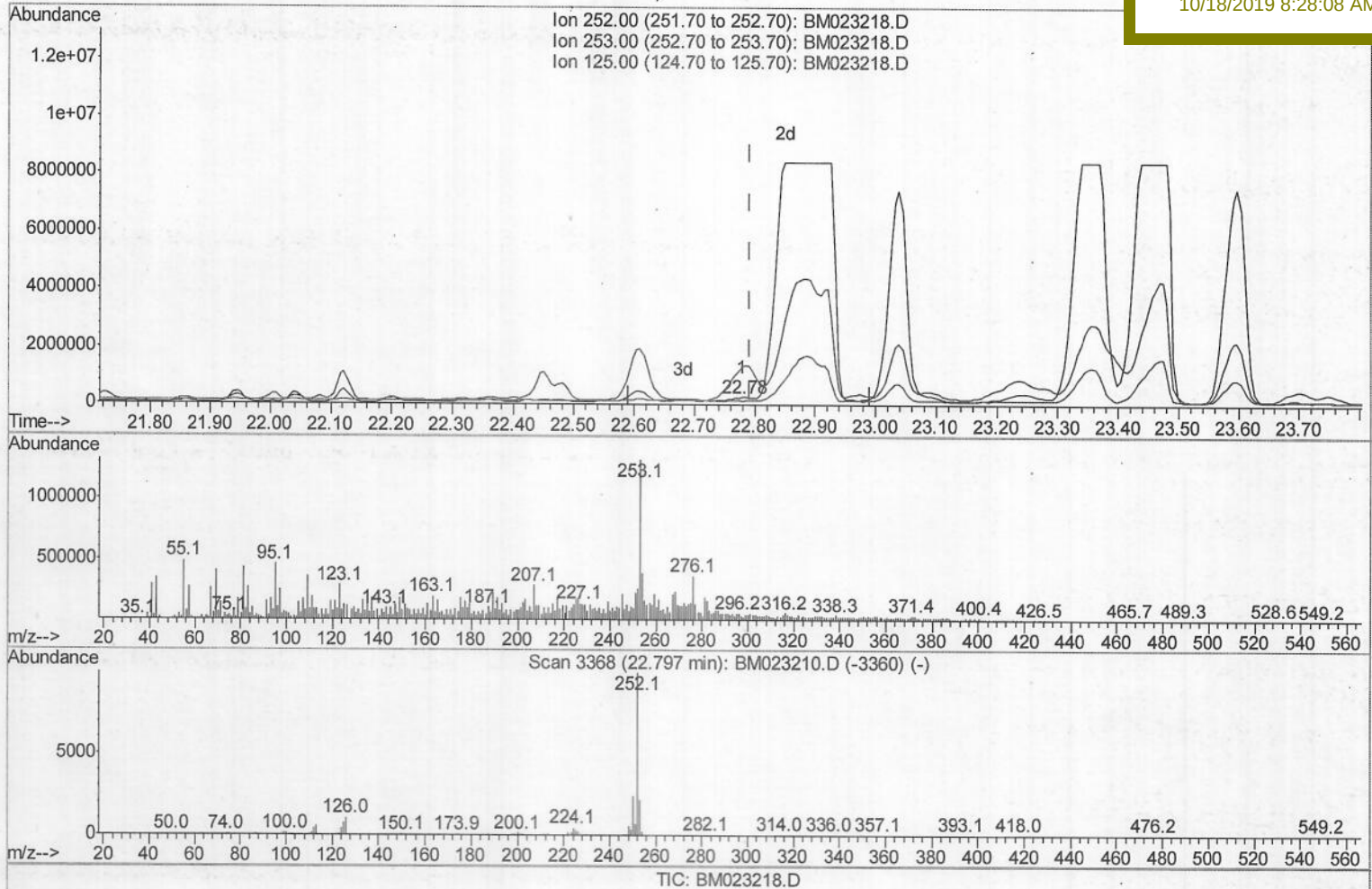
BFBB1

Manual Integrations

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(88) Benzo(b)fluoranthene

22.780min (-0.011) 2.53ng/ul

response 396172

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	507.81#
125.00	8.00	50.49#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 15:06:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

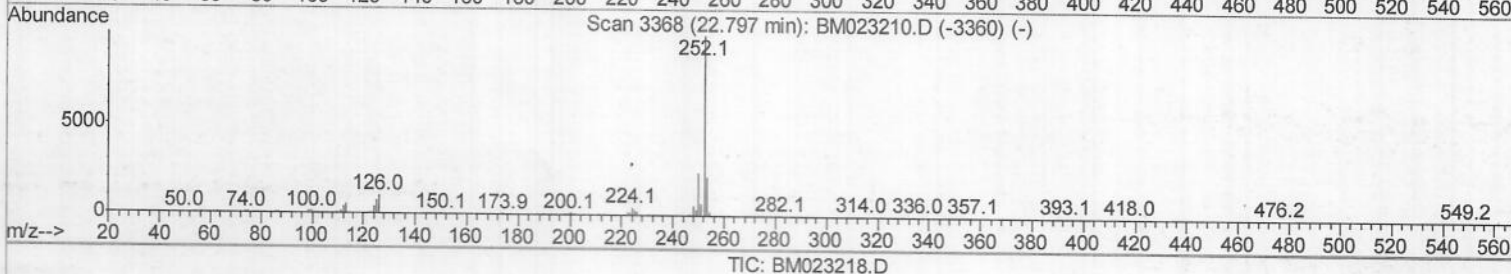
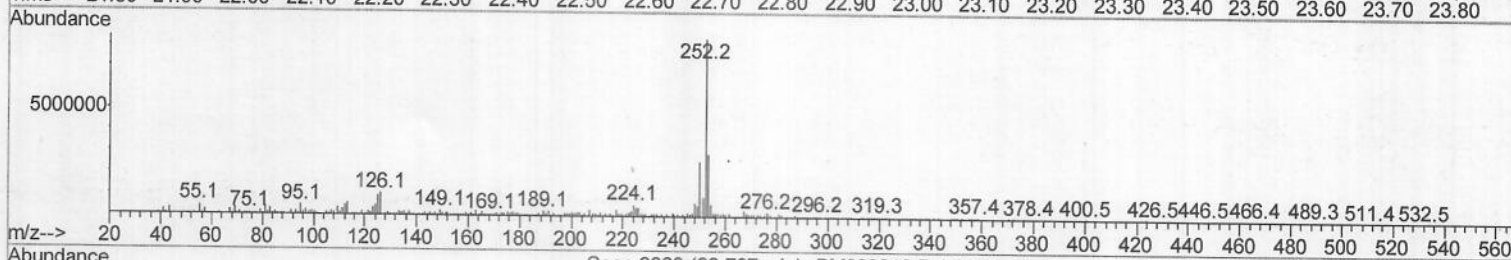
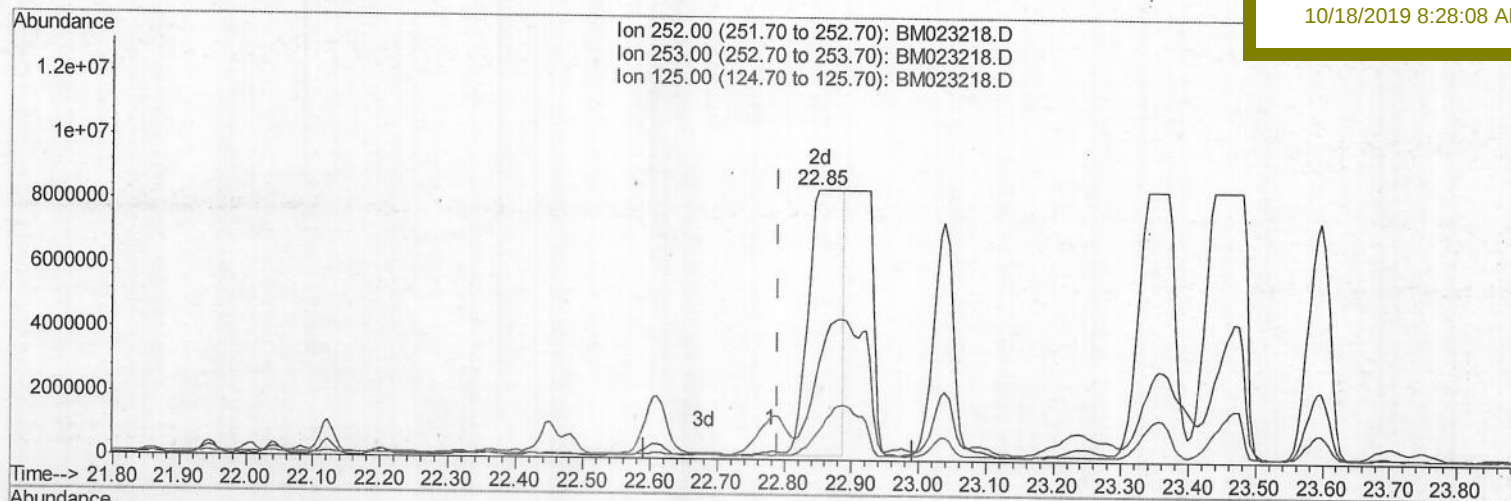
BFBB1

Manual Integrations

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(88) Benzo(b)fluoranthene

22.851min (+0.059) 181.33ng/ul m

JU 10-23-19

response 28365924

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	34.91#
125.00	8.00	10.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 15:05:32 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

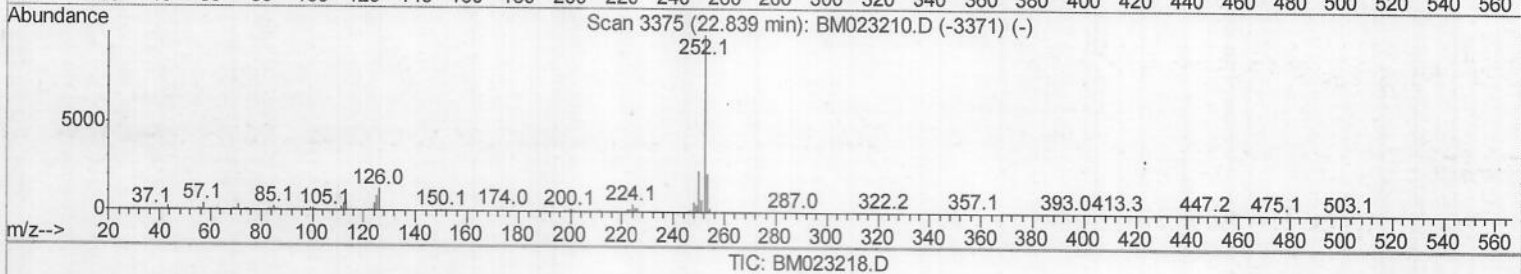
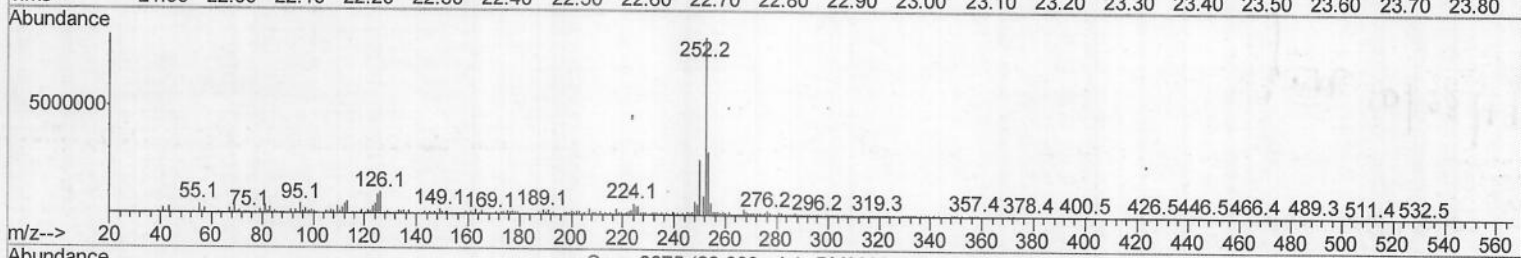
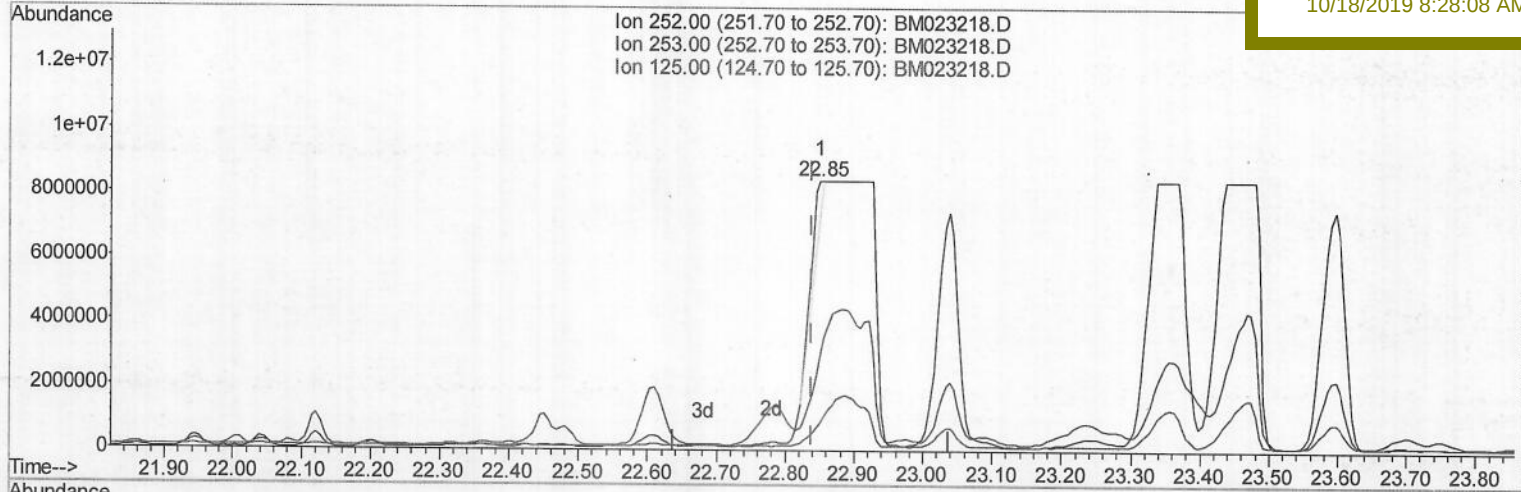
BFBB1

Manual Integrations

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(89) Benzo(k)fluoranthene

22.851min (+0.012) 22.76ng/ul

response 3418227

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	34.91#
125.00	8.10	10.67#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 15:16:23 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

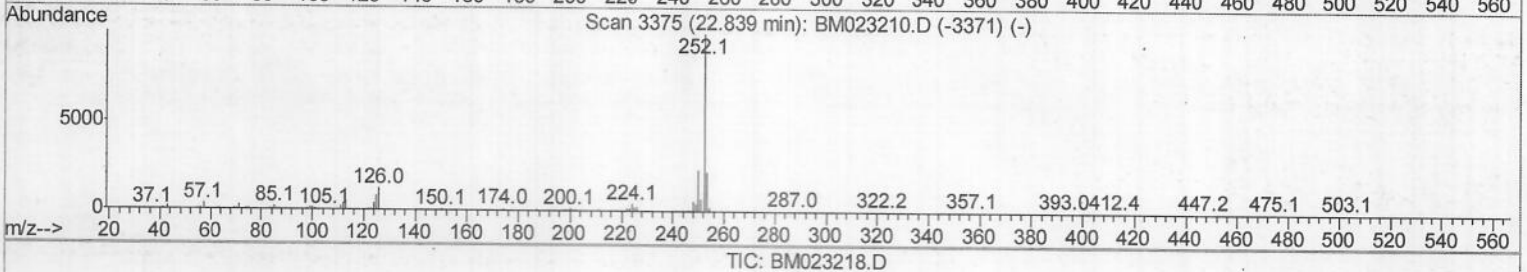
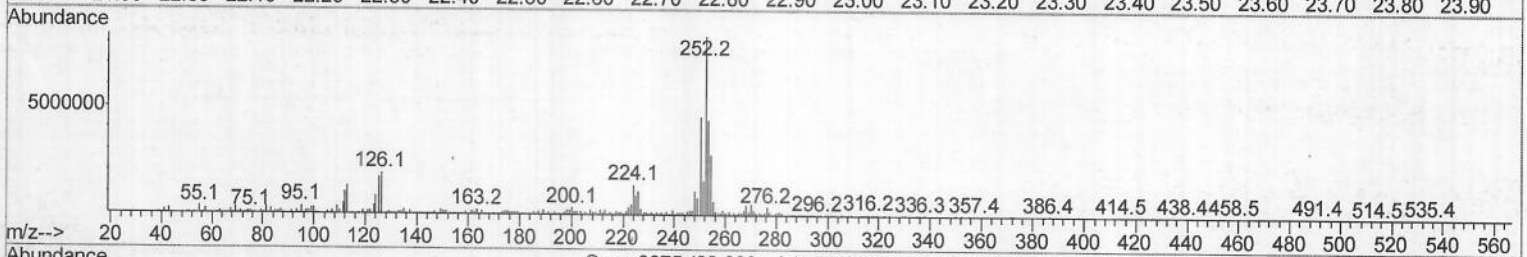
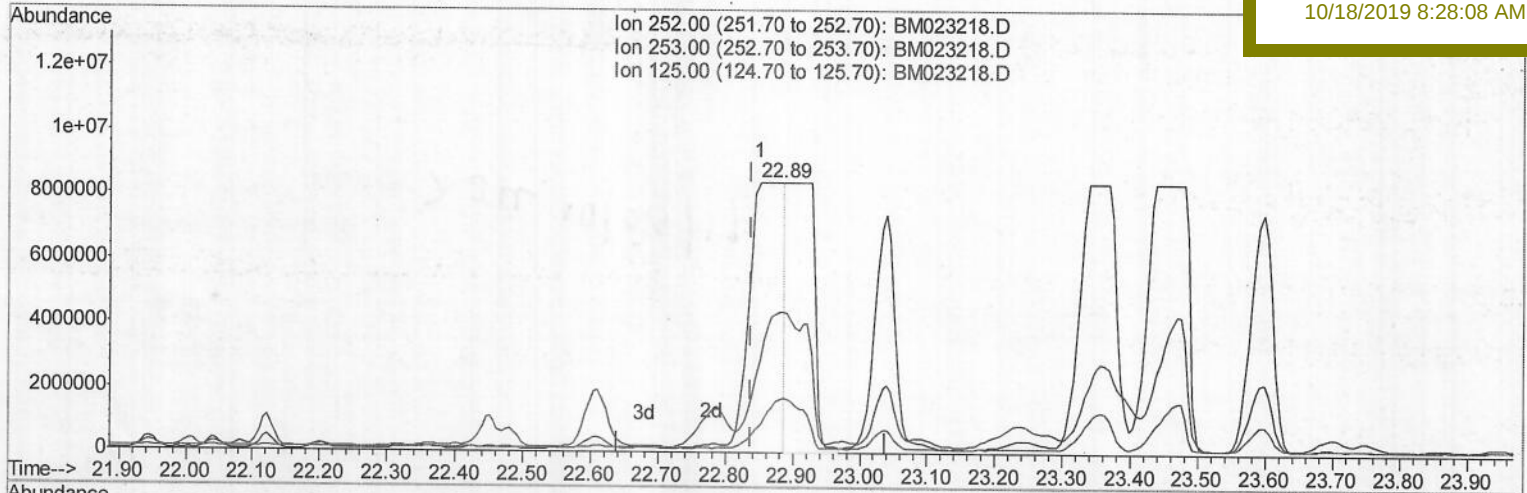
BFBB1

Manual Integrations

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(89) Benzo(k)fluoranthene

22.886min (+0.047) 154.39ng/ul m

JU 10/23/19

response 23190607

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	52.45#
125.00	8.10	20.34#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 15:06:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

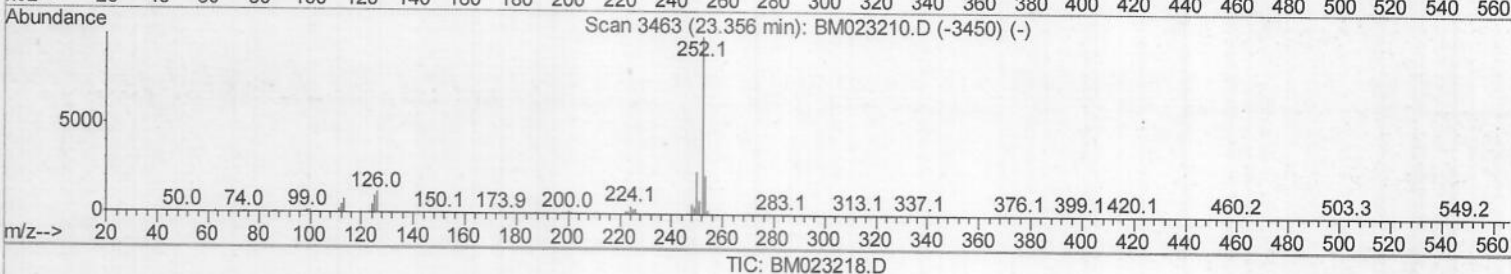
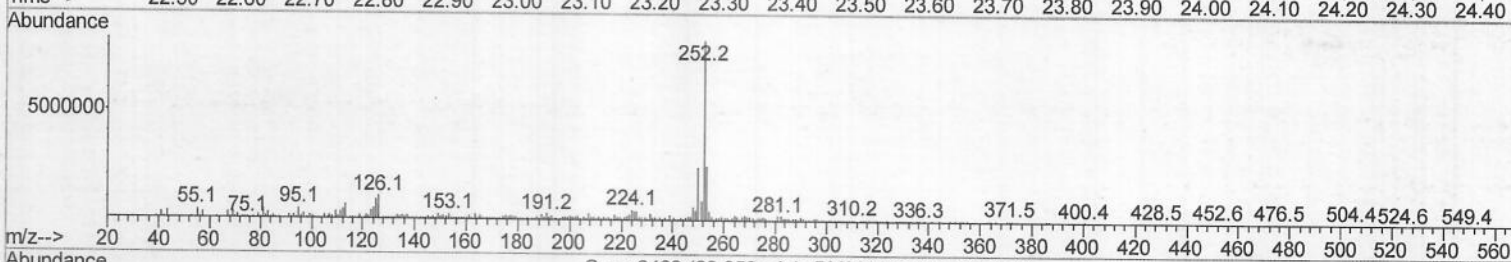
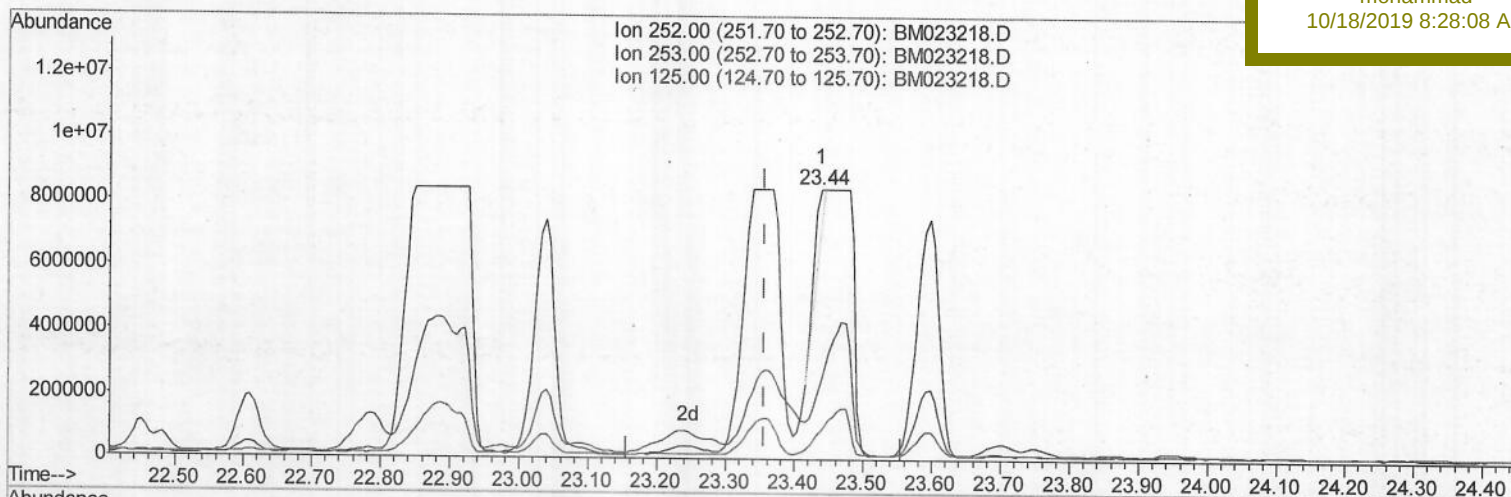
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

BFBB1

Manual Integrations
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(91) Benzo(a)pyrene (C)

23.439min (+0.083) 20.76ng/ul

response 3116047

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	30.21#
125.00	9.20	11.04#
0.00	0.00	0.00

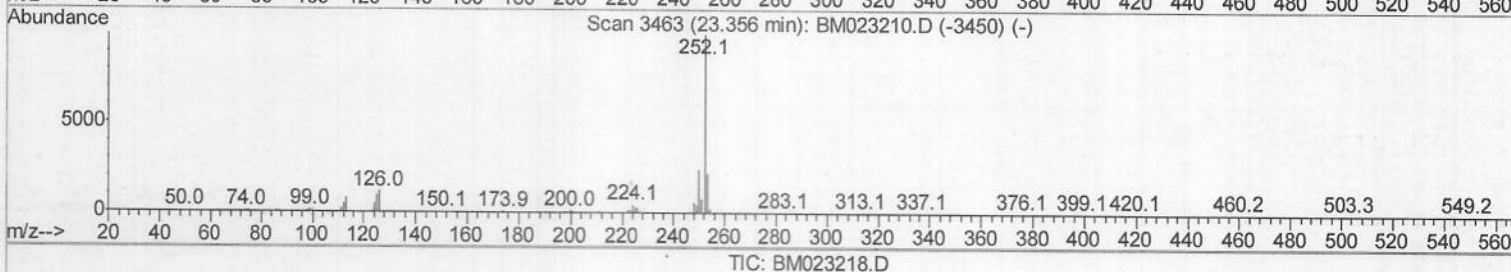
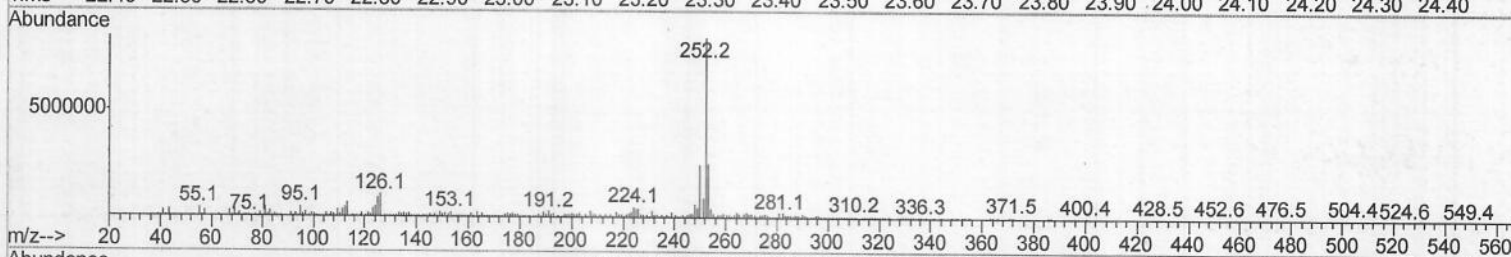
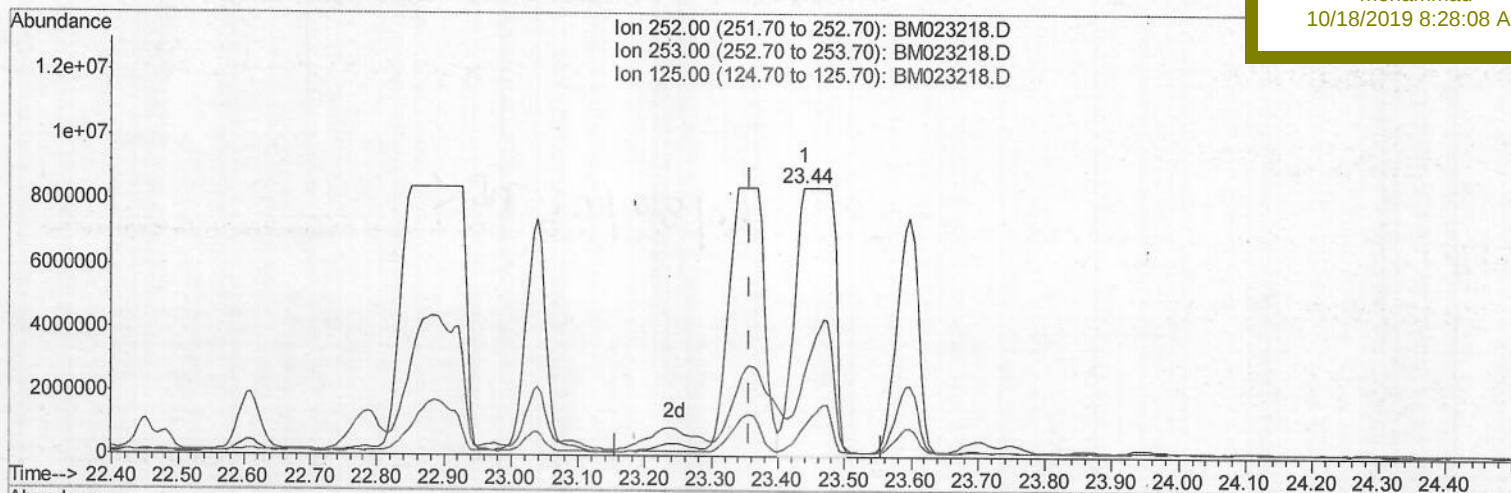
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023218.D
Acq On : 17 Oct 2019 12:50
Operator : JU
Sample : K5262-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 15:06:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFBB1

Manual Integrations
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10/18/2019 8:28:08 AM



(91) Benzo(a)pyrene (C)

23.439min (+0.083) 229.88ng/ul m

response 34502009

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	30.21#
125.00	9.20	11.04#
0.00	0.00	0.00

JU 10/23/19

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 15:06:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

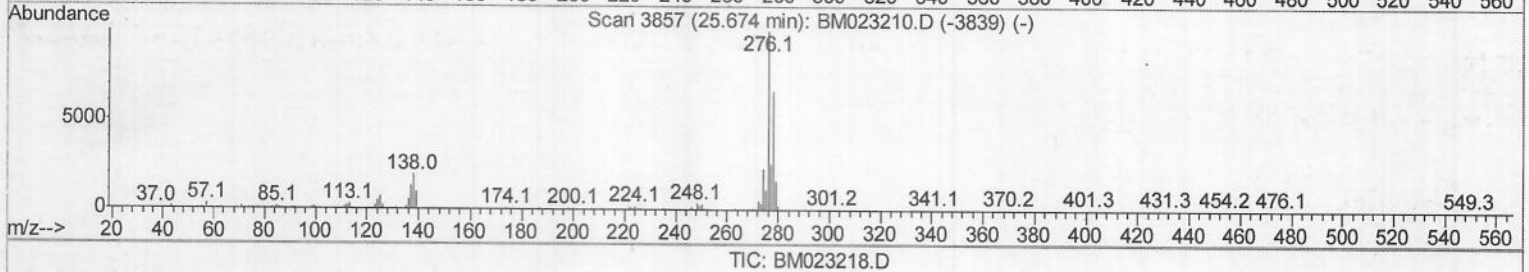
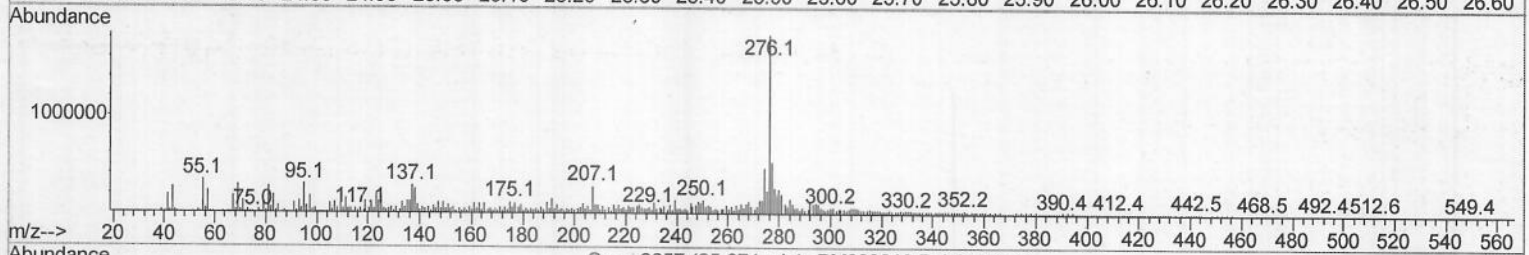
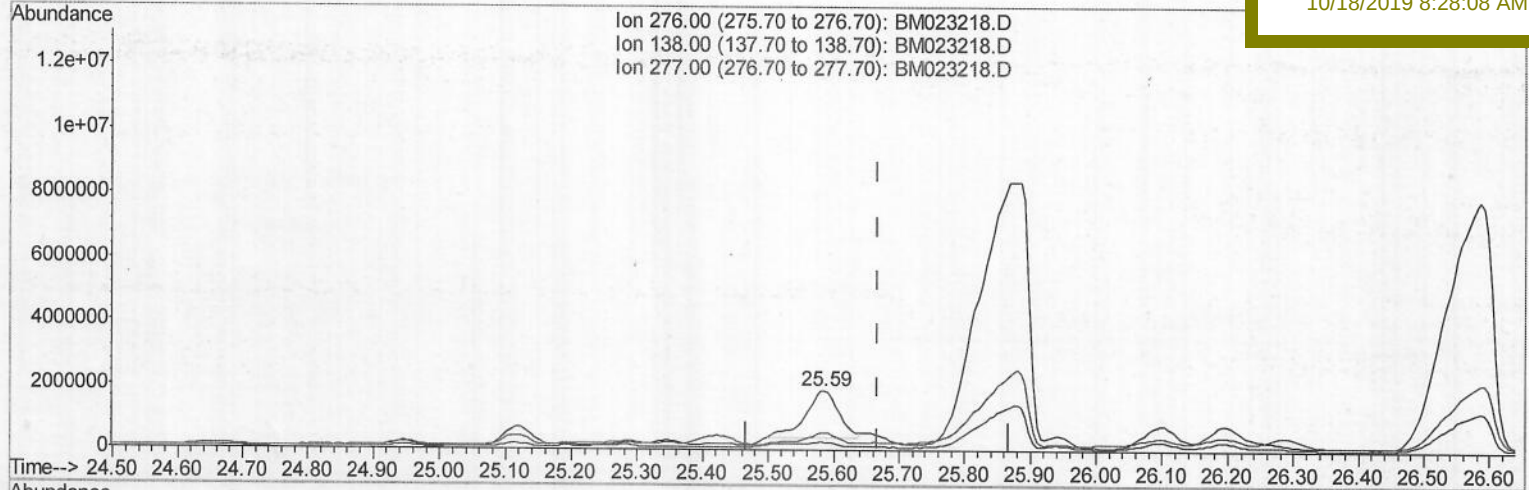
BFBB1

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(92) Indeno(1,2,3-cd)pyrene

25.586min (-0.082) 28.25ng/ul

response 5044732

Ion	Exp%	Act%
276.00	100	100
138.00	18.60	13.47#
277.00	24.80	28.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 15:06:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

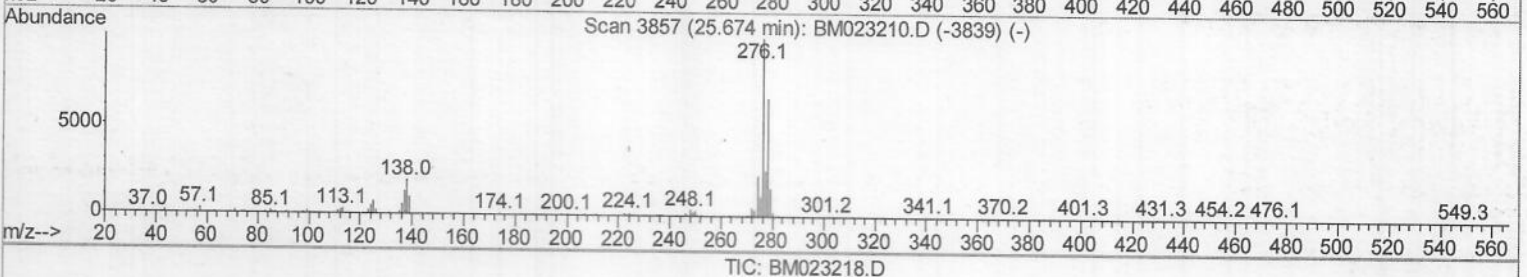
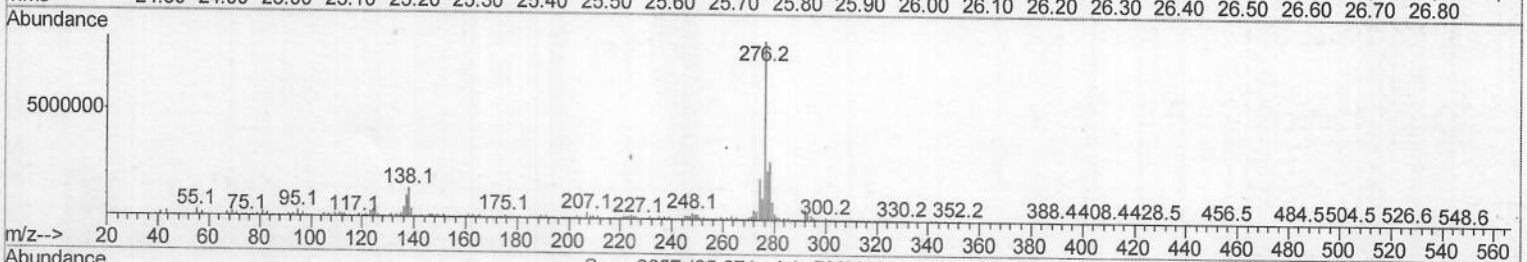
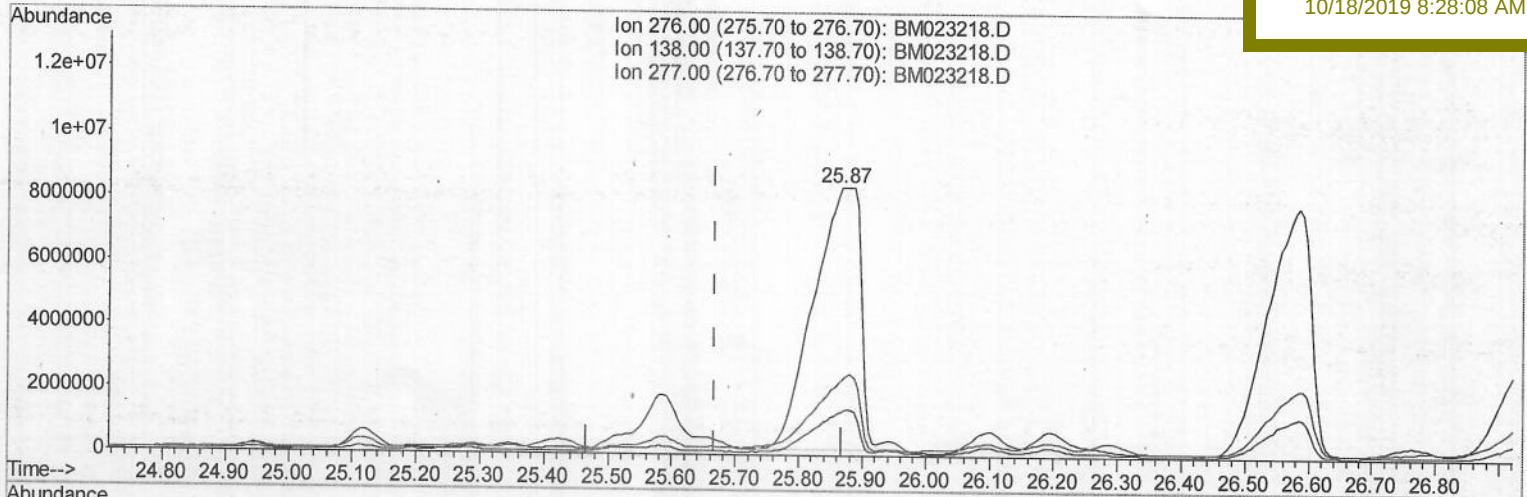
BFBB1

Manual Integrations

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(92) Indeno(1,2,3-cd)pyrene

25.868min (+0.200) 231.16ng/ul m

JU 10/23/19

response 41273679

Ion	Exp%	Act%
276.00	100	100
138.00	18.60	16.13
277.00	24.80	27.83
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 15:06:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

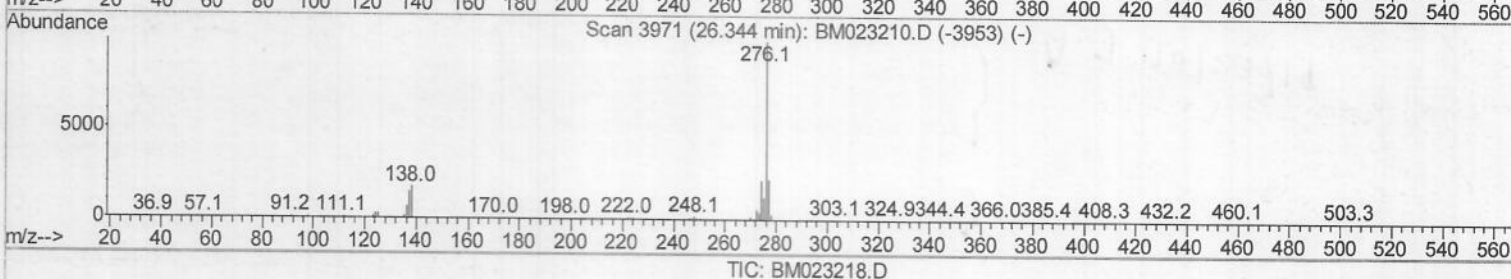
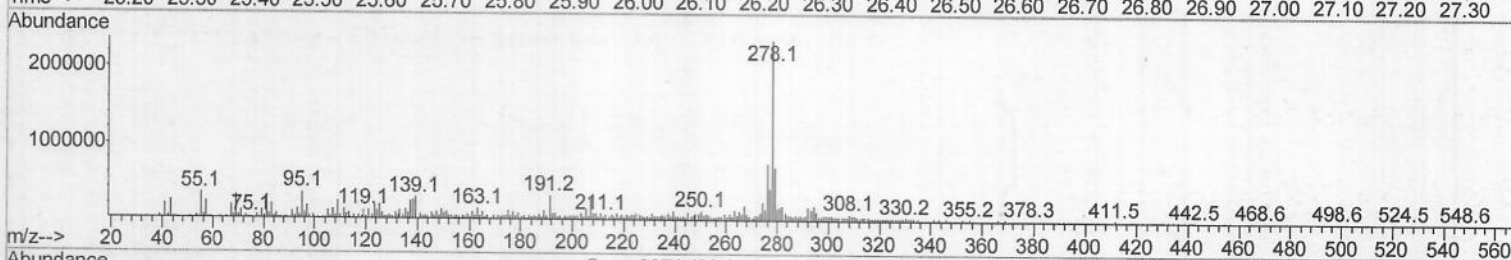
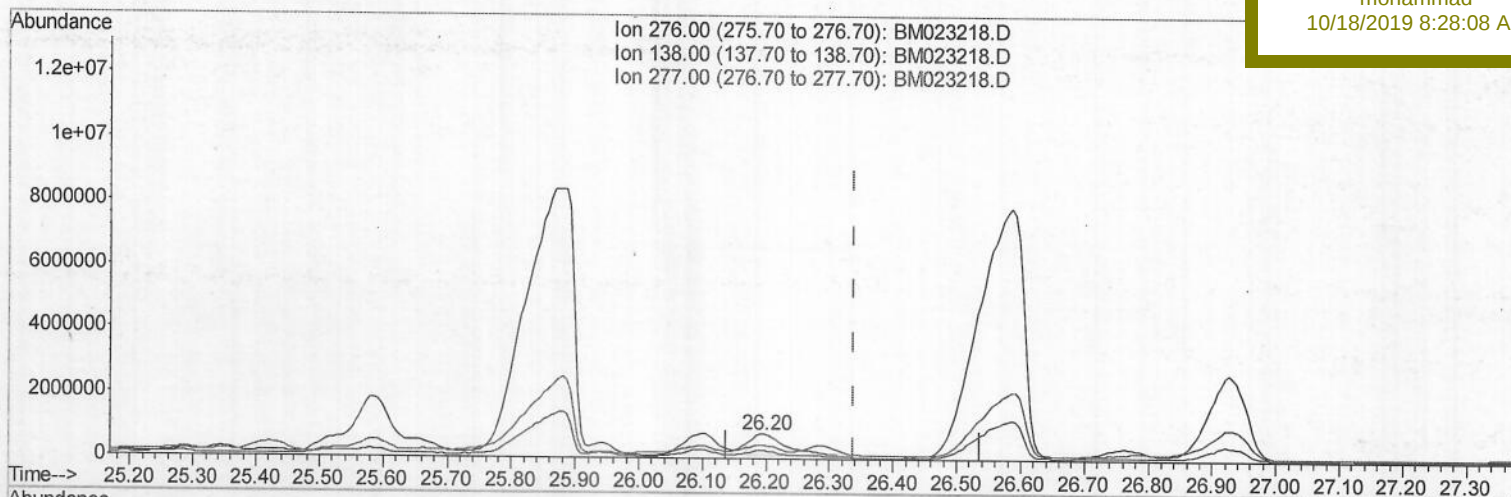
BFBB1

Manual Integrations

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(94) Benzo(g,h,i)perylene

26.198min (-0.141) 17.67ng/ul

response 2597390

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	35.09#
277.00	24.30	56.98#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 15:06:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

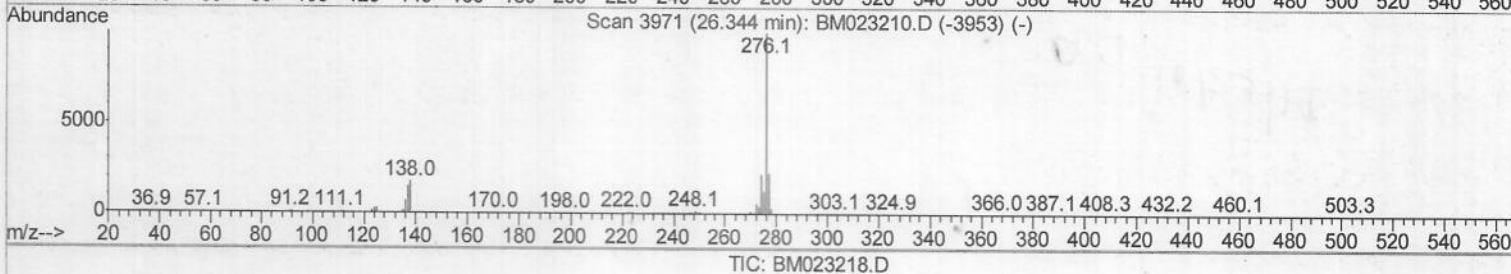
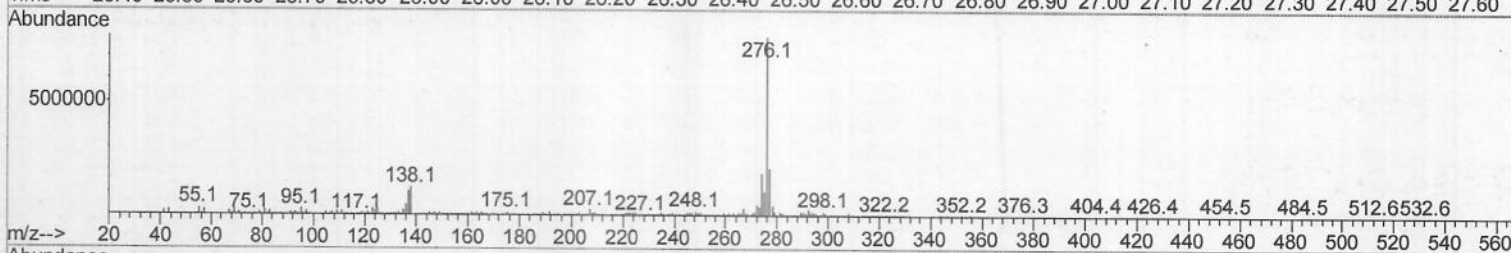
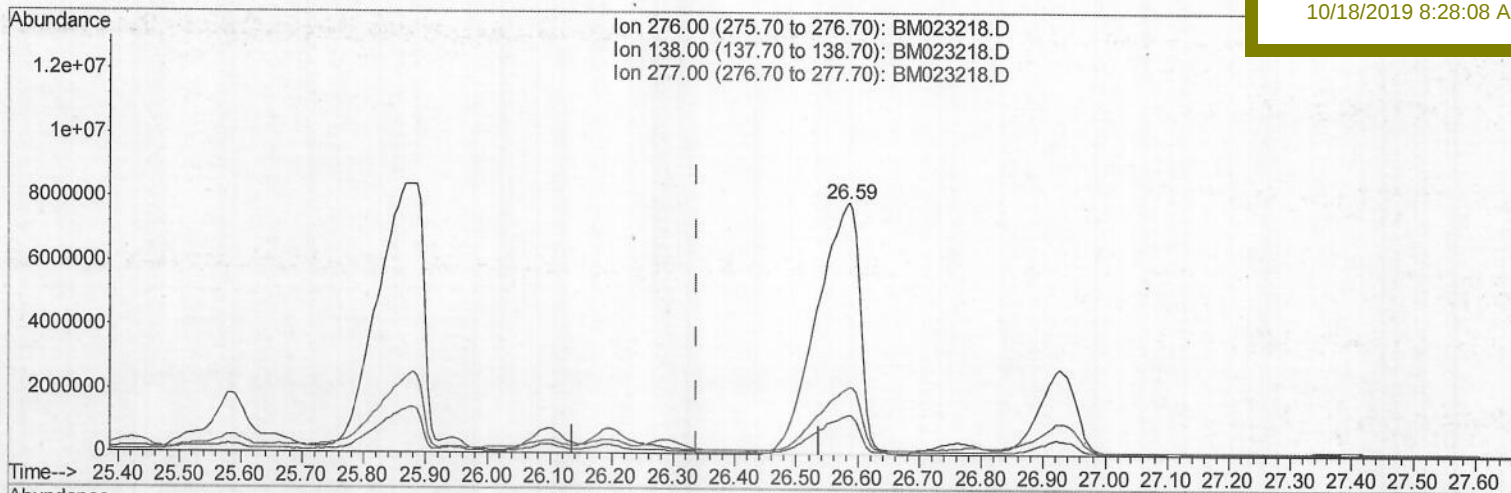
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

BFBB1

Manual Integrations
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(94) Benzo(g,h,i)perylene

26.586min (+0.247) 261.11ng/ul m

response 38385040

Ion Exp% Act%

276.00 100 100

138.00 18.00 15.60

277.00 24.30 26.61

0.00 0.00 0.00

JU 10/23/19

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\

Data File : BM023218.D

Acq On : 17 Oct 2019 12:50

Operator : JU

Sample : K5262-21

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 15:06:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 12:33:14 2019

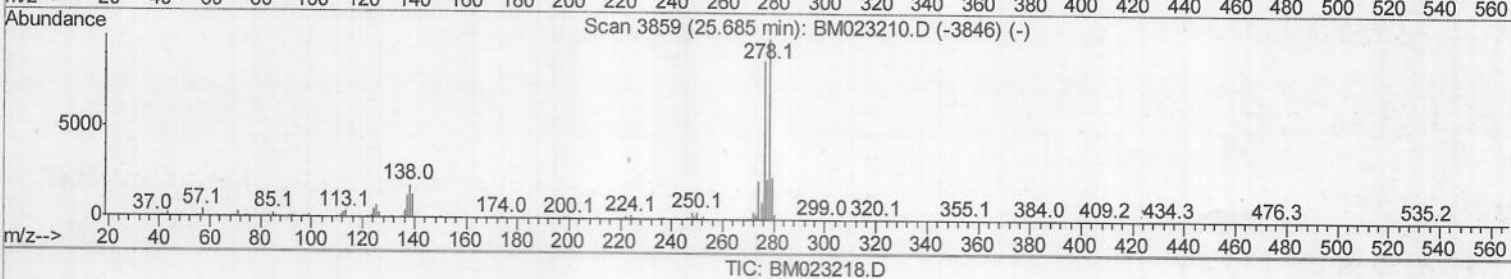
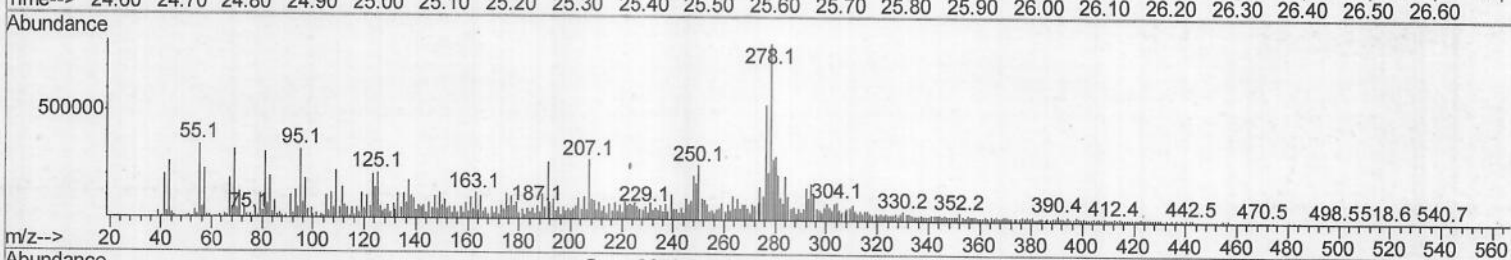
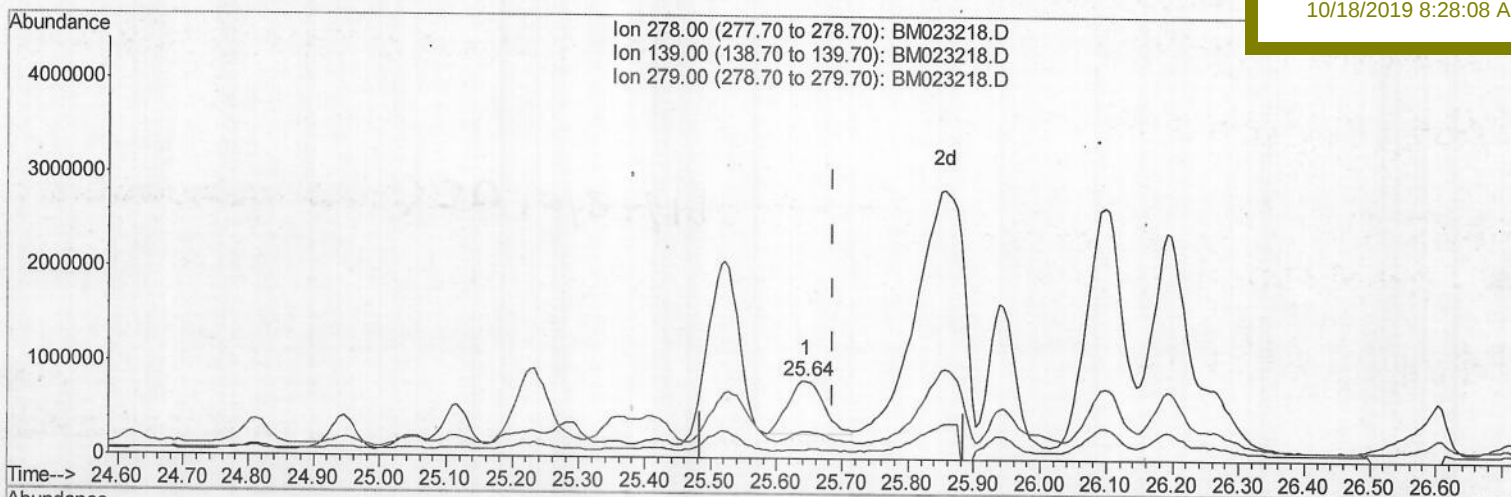
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

BFBB1

Manual Integrations
APPROVEDmohammad
10/18/2019 8:28:08 AM

(93) Dibenzo(a,h)anthracene

25.645min (-0.041) 14.05ng/ul

response 2097421

Ion	Exp%	Act%
278.00	100	100
139.00	12.50	11.89
279.00	24.20	35.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

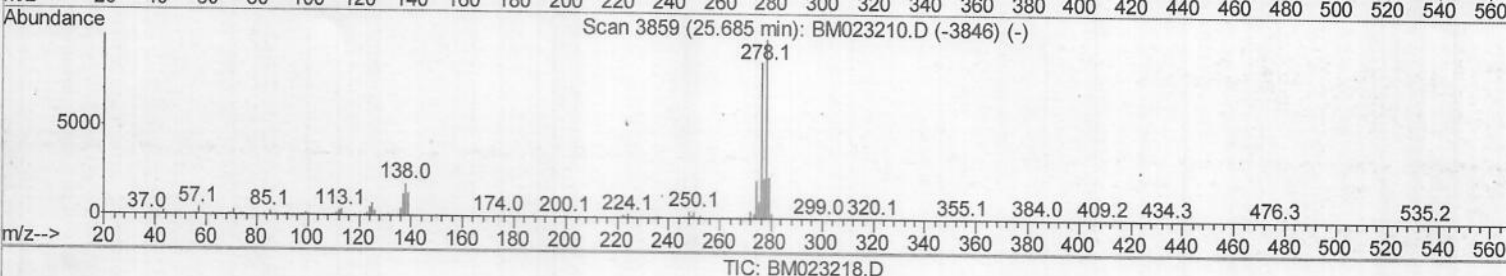
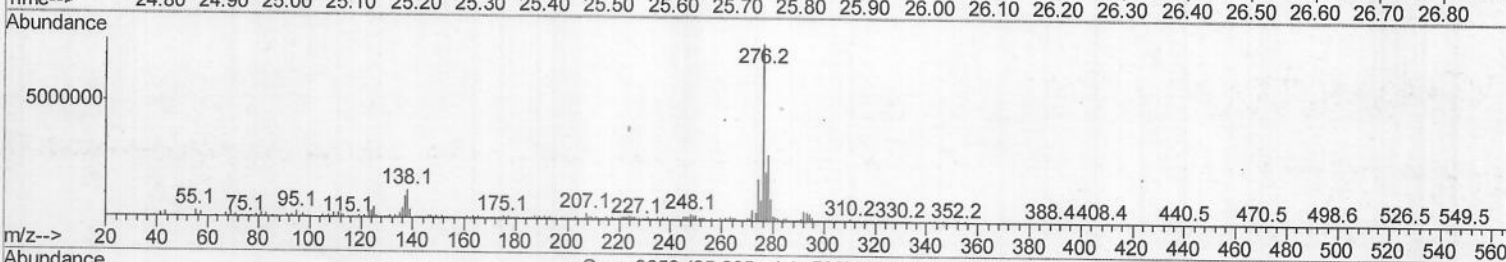
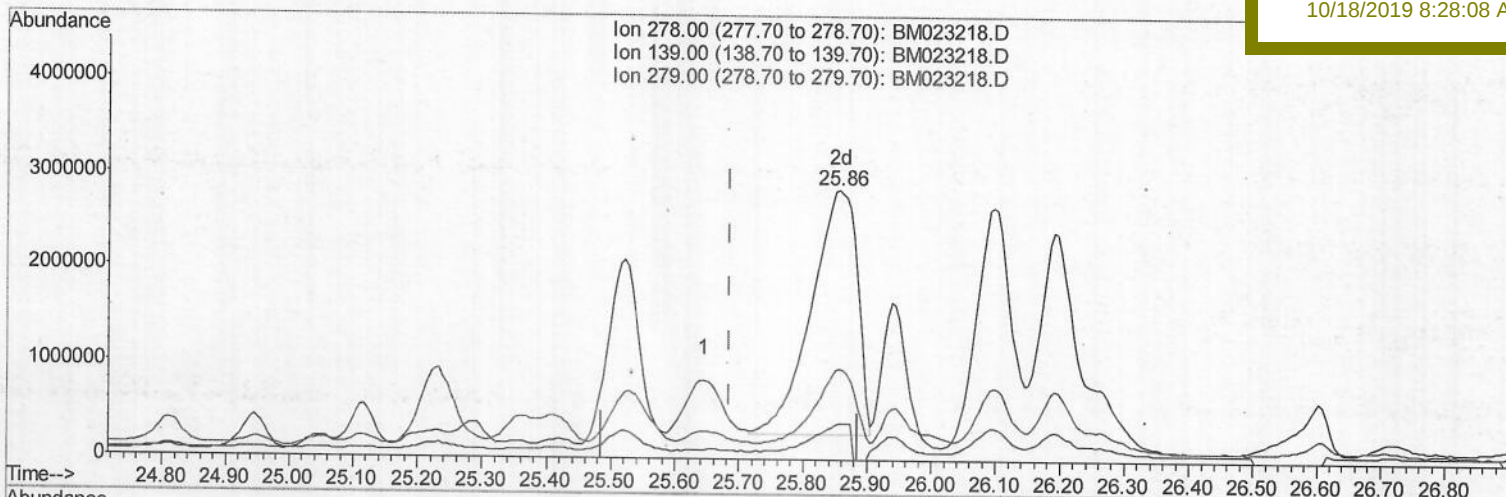
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM101619\
Data File : BM023218.D
Acq On : 17 Oct 2019 12:50
Operator : JU
Sample : K5262-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 16:12:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFBB1

Manual Integrations
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10/18/2019 8:28:08 AM



(93) Dibenzo(a,h)anthracene

25.856min (+0.171) 85.89ng/ul m

JU 10/23/19

response 12822937

Ion	Exp%	Act%
278.00	100	100
139.00	12.50	12.98
279.00	24.20	33.33#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023218.D
 Acq On : 17 Oct 2019 12:50
 Operator : JU
 Sample : K5262-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 17 16:12:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 12:33:14 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sample ID :
 BFBB1

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:28:08 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	416081	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1561173	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	922368	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1806310	20.00	ng/ul	0.01
78) Chrysene-d12	21.28	240	1766998	20.00	ng/ul	0.04
86) Perylene-d12	23.54	264	2580145m	20.00	ng/ul	0.09

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	31395	3.32	ng/uL	0.00
5) Phenol-d5	6.84	99	692882	19.12	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.00	67	382646	18.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	556454	20.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	535059	18.38	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	244023	23.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	265463	26.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	556533	21.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	154786	4.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1575274	22.29	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1887655	22.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	199008	17.39	ng/ul	0.01
58) Fluorene-d10	15.31	176	1368431	22.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	41001	5.73	ng/ul	0.02
71) Anthracene-d10	17.16	188	2044844	23.48	ng/ul	0.01
79) Pyrene-d10	19.47	212	2277743	26.62	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.40	264	2941382	22.49	ng/ul	0.09

Target Compounds

					Ovalue
6) Phenol	6.86	94	205818	5.507	ng/ul 99
11) 2-Methylphenol	8.11	108	43231	1.509	ng/ul 93
16) 4-Methylphenol	8.43	108	125594	4.032	ng/ul 96
24) 2,4-Dimethylphenol	9.67	107	107661m	3.499	ng/ul 96
28) Naphthalene	10.50	128	3619009	44.850	ng/ul 98
34) 2-Methylnaphthalene	12.12	142	1038870	17.302	ng/ul 99
41) 1,1'-Biophenyl	13.14	154	323072	4.603	ng/ul 98
45) Dimethylphthalate	13.77	163	498739	7.049	ng/ul 99
48) Acenaphthylene	14.03	152	13539560	159.732	ng/ul 97
50) Acenaphthene	14.37	153	2578366	43.683	ng/ul 100
54) Dibenzofuran	14.71	168	3251909	38.809	ng/ul 100
59) Fluorene	15.36	166	3969077	57.734	ng/ul 99
61) 4-Nitroaniline	15.36	138	50492m	3.506	ng/ul 99
70) Phenanthrene	17.10	178	22612945m	223.070	ng/ul 99
72) Anthracene	17.20	178	14595586	139.333	ng/ul 84
75) Carbazole	17.46	167	6780248	72.453	ng/ul 99
77) Fluoranthene	19.12	202	27235943m	225.912	ng/ul 99
80) Pyrene	19.49	202	27591095m	249.253	ng/ul 99
83) Benzo(a)anthracene	21.24	228	25207233m	210.539	ng/ul 99
85) Chrysene	21.30	228	21614878m	194.429	ng/ul 99
88) Benzo(b)fluoranthene	22.85	252	28365924m	181.326	ng/ul 99
89) Benzo(k)fluoranthene	22.89	252	23190607m	154.386	ng/ul 99
91) Benzo(a)pyrene	23.44	252	34502009m	229.883	ng/ul 99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023218.D
Acq On : 17 Oct 2019 12:50
Operator : JU
Sample : K5262-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Indeno(1,2,3-cd)pyrene	25.87	276	41273679m	231.164	ng/ul	
93) Dibenzo(a,h)anthracene	25.86	278	12822937m	85.894	ng/ul	
94) Benzo(a,h,i)perylene	26.59	276	38385040m	261.115	ng/ul	

} JU
10/23/19

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