

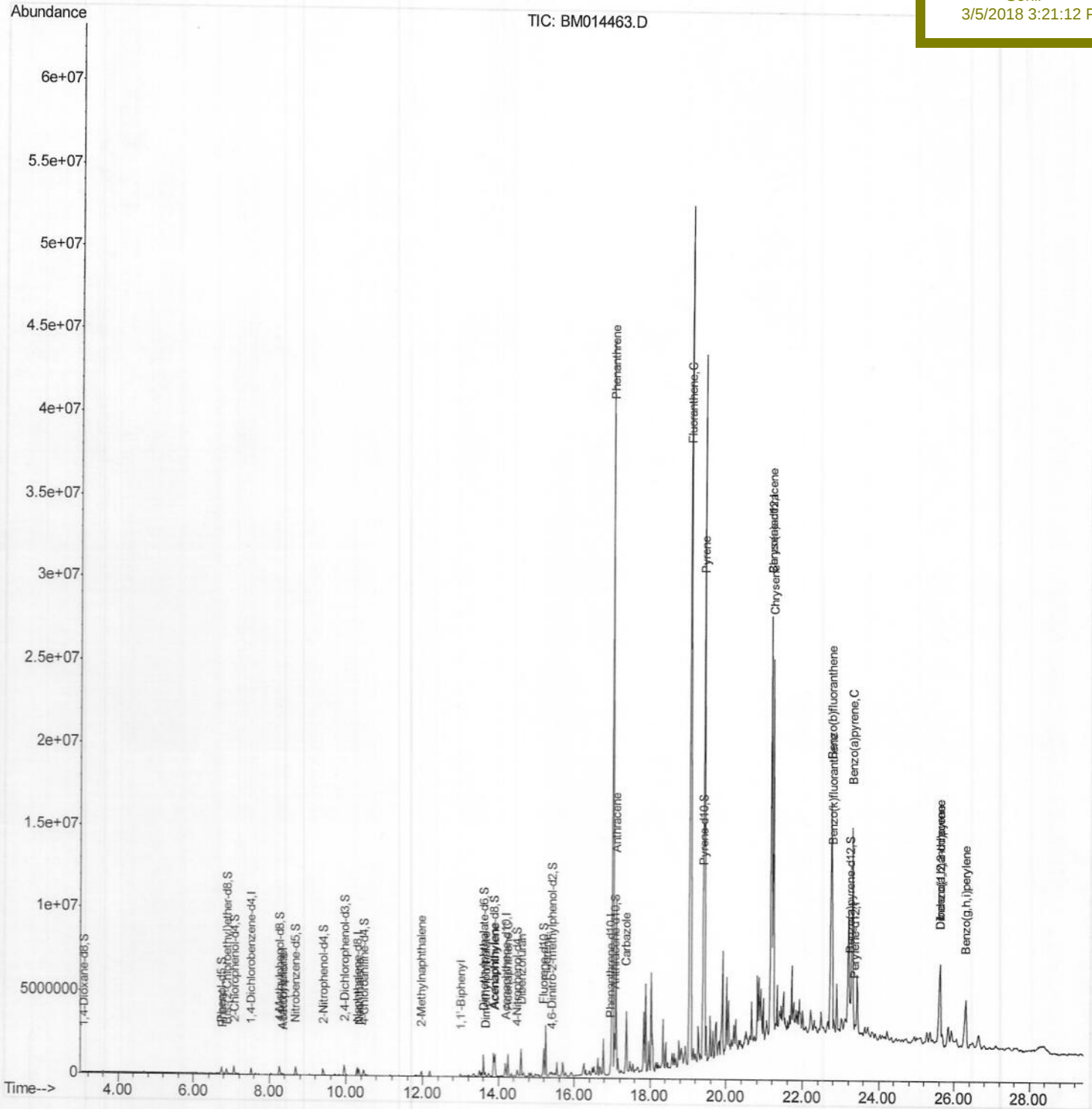
Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
Data File : BM014463.D
Acq On : 02 Mar 2018 15:55
Operator : SJ/JU
Sample : J1678-21RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 02 23:52:31 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5Z4RE

Manual Integrations

Sohil
3/5/2018 3:21:12 PM



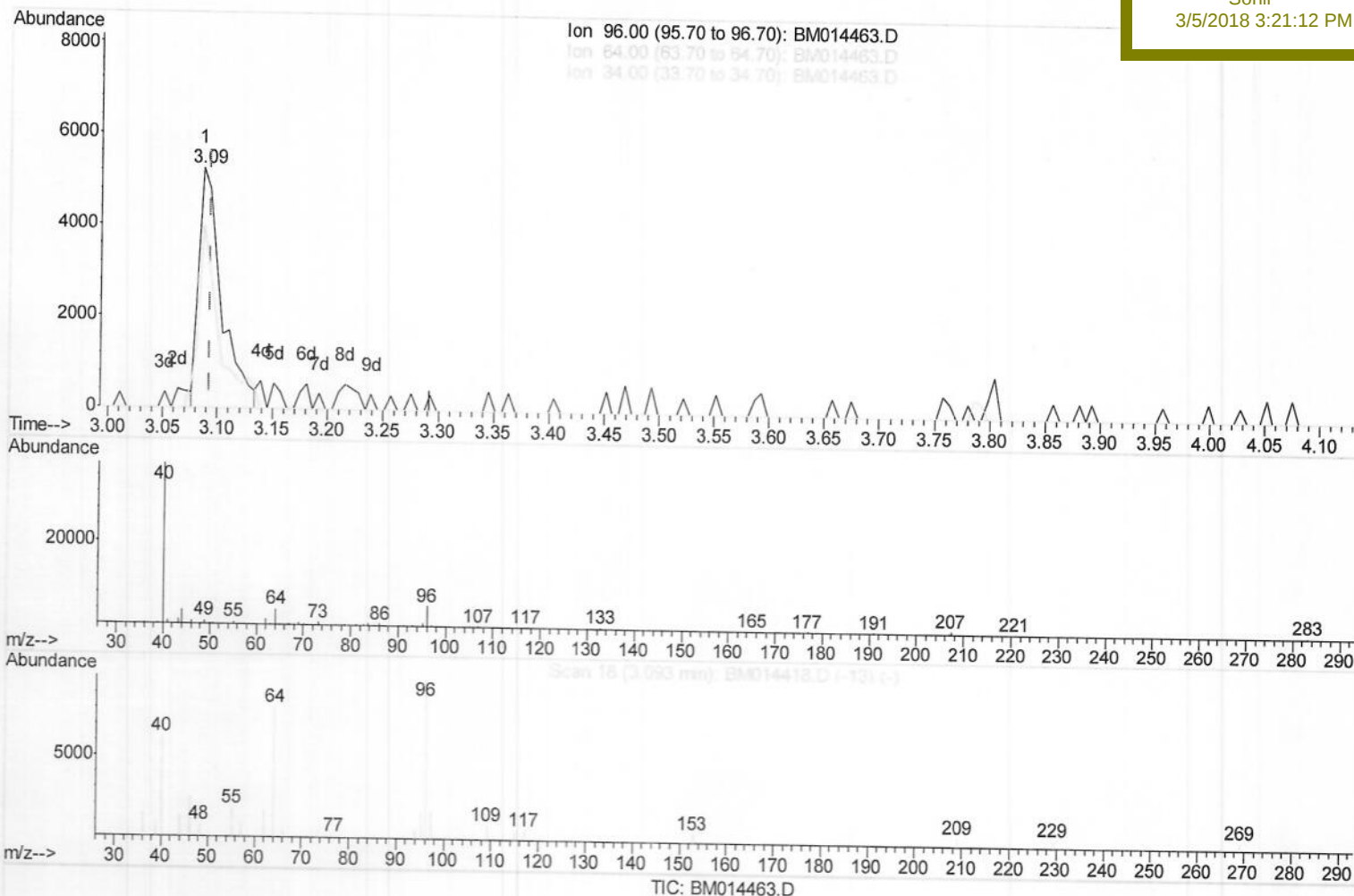
Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
Data File : BM014463.D
Acq On : 02 Mar 2018 15:55
Operator : SJ/JU
Sample : J1678-21RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 08 08:43:11 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 08 07:40:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5Z4RE

Manual Integrations
APPROVED

Sohil
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(3) 1,4-Dioxane-d8 (S)

3.087min (-0.006) 3.95ng/uL

response 7674

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	64.18
34.00	0.00	0.00
0.00	0.00	0.00

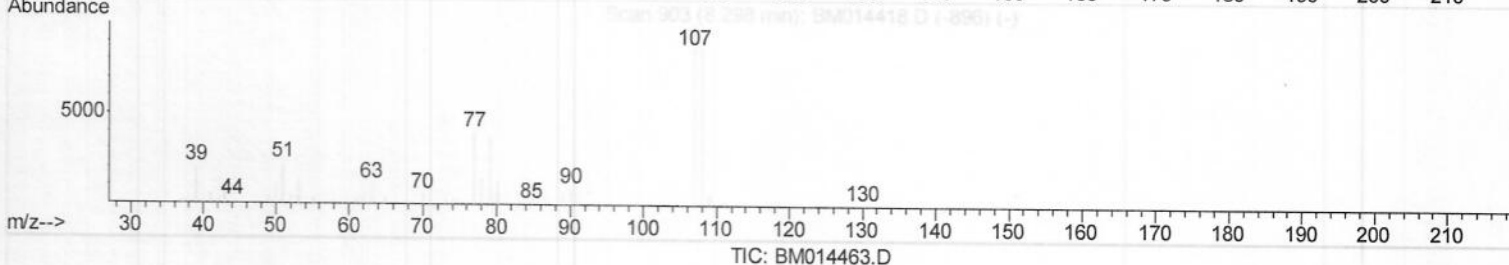
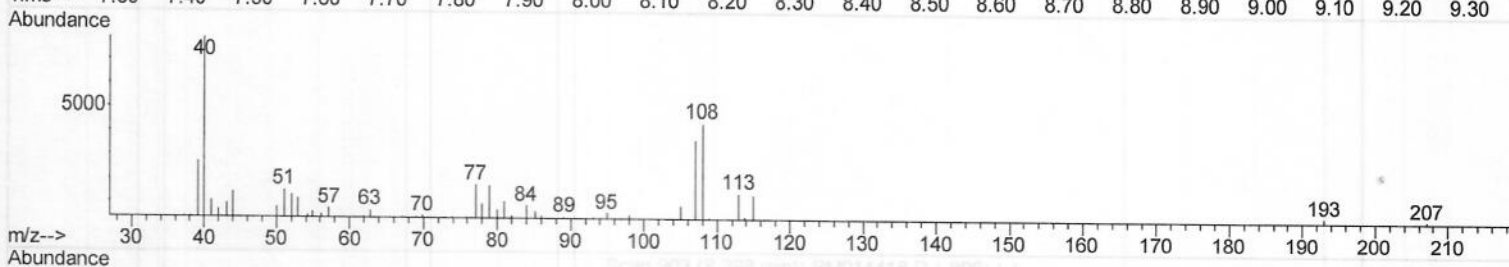
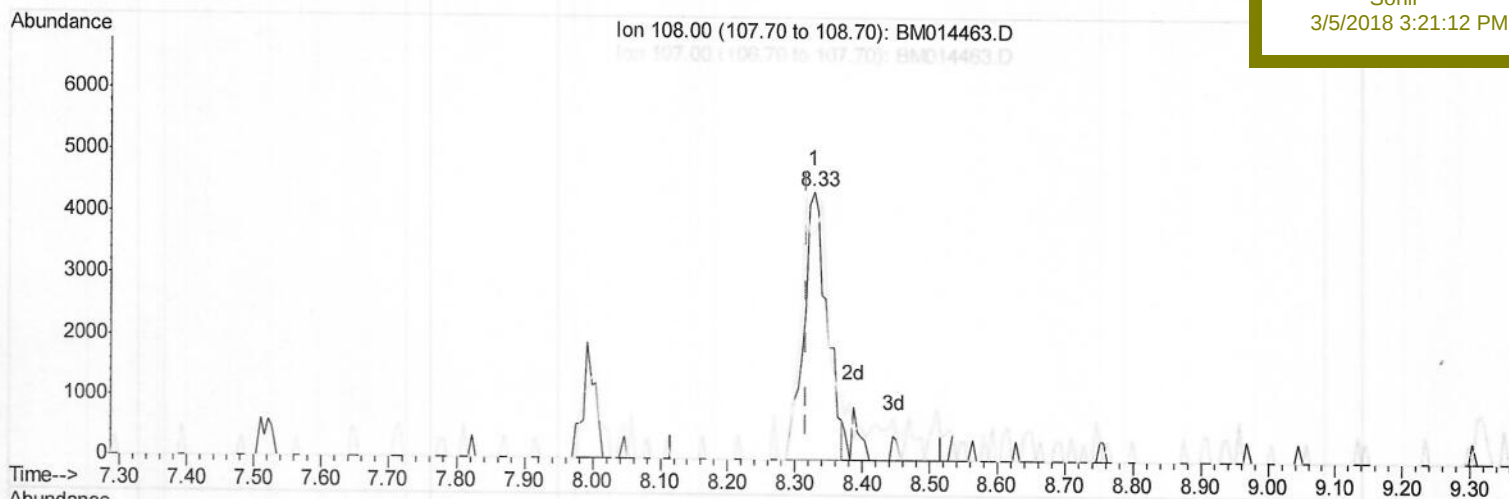
Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
Data File : BM014463.D
Acq On : 02 Mar 2018 15:55
Operator : SJ/JU
Sample : J1678-21RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 08 08:43:11 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 08 07:40:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5Z4RE

Manual Integrations
APPROVED

Sohil
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TIC: BM014463.D

(16) 4-Methylphenol

8.328min (+0.011) 1.71ng/ul

response 10517

Ion	Exp%	Act%
108.00	100	100
107.00	106.10	84.35#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\

Data File : BM014463.D

Acq On : 02 Mar 2018 15:55

Operator : SJ/JU

Sample : J1678-21RE

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 08 08:43:11 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Mar 08 07:40:07 2018

Response via : Initial Calibration

Instrument :

BNA_M

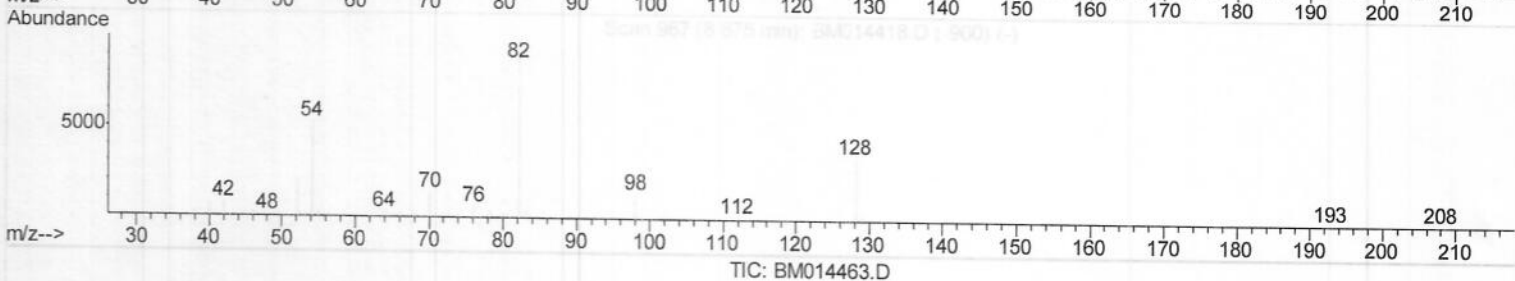
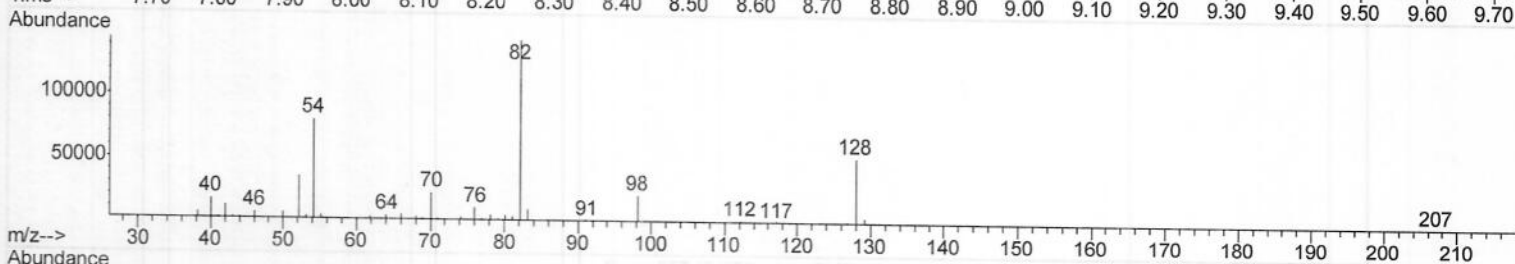
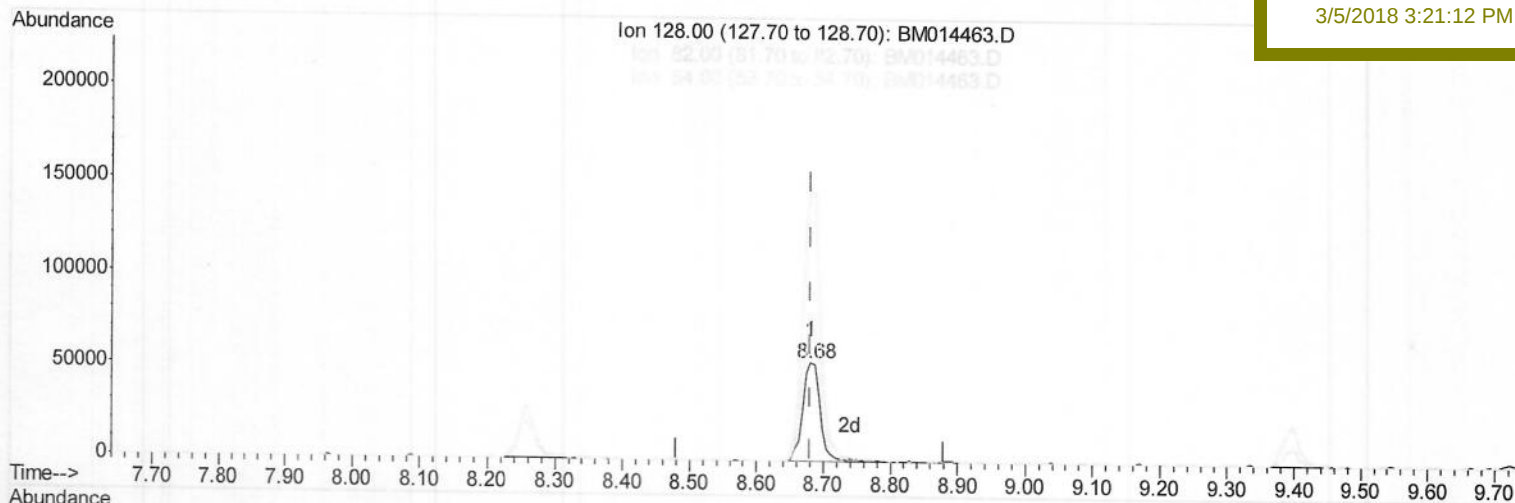
ClientSampleId :

BE5Z4RE

Manual Integrations
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(19) Nitrobenzene-d5 (S)

8.681min (-0.000) 34.84ng/ul

response 94089

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	271.96
54.00	142.70	151.92
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
Data File : BM014463.D
Acq On : 02 Mar 2018 15:55
Operator : SJ/JU
Sample : J1678-21RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 08 08:43:11 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 08 07:40:07 2018
Response via : Initial Calibration

Instrument :

BNA_M

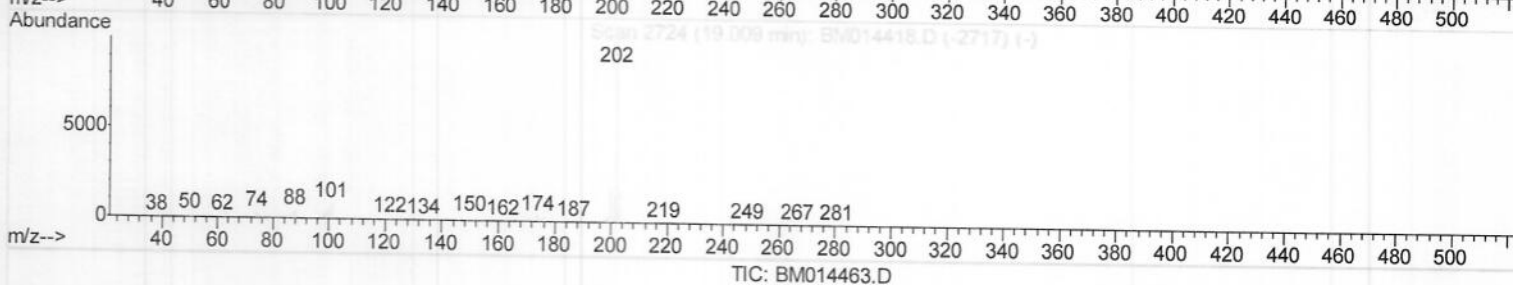
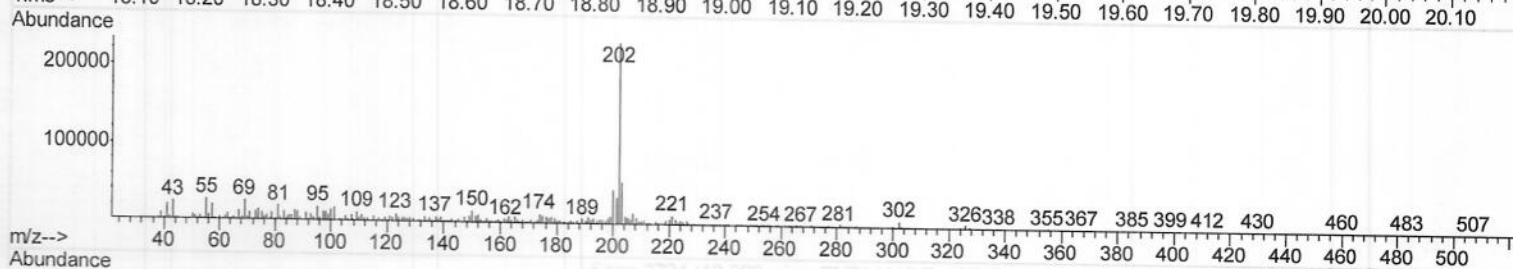
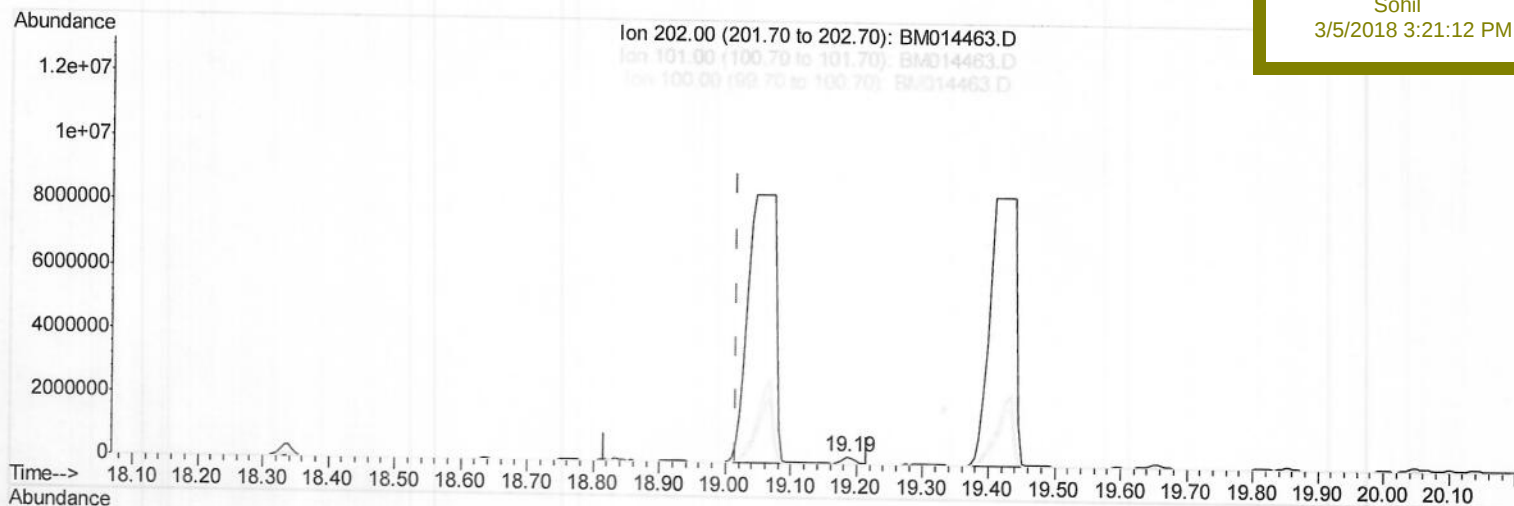
ClientSampleId :

BE5Z4RE

Manual Integrations
APPROVED

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(74) Fluoranthene (C)

19.186min (+0.170) 8.06ng/ul

response 280049

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	7.57#
100.00	4.30	6.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

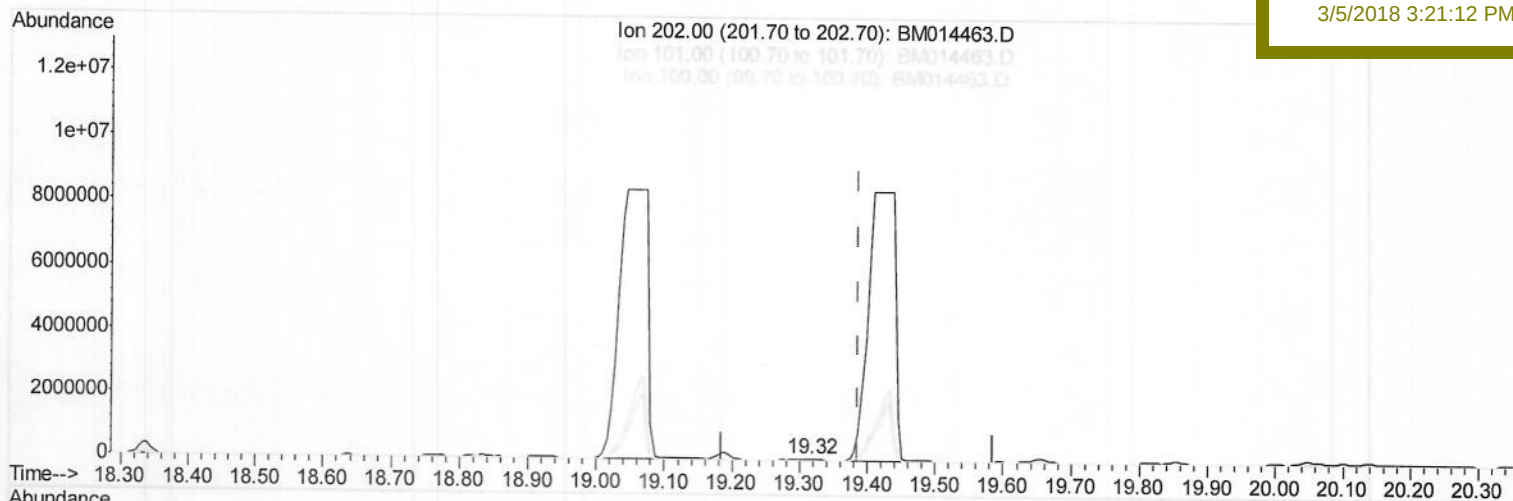
Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
 Data File : BM014463.D
 Acq On : 02 Mar 2018 15:55
 Operator : SJ/JU
 Sample : J1678-21RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 08 08:43:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 08 07:40:07 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z4RE

Manual Integrations
 APPROVED

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(77) Pyrene

19.315min (-0.071) 2.33ng/ul

response 90033

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	13.47#
100.00	6.10	10.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

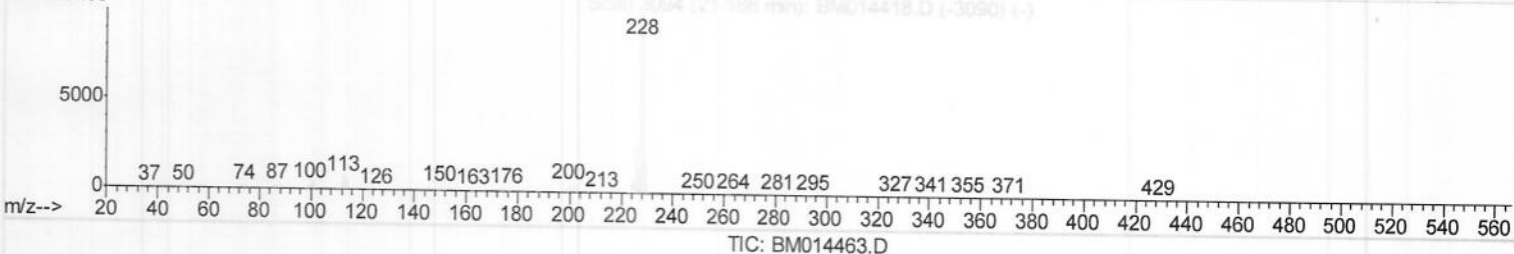
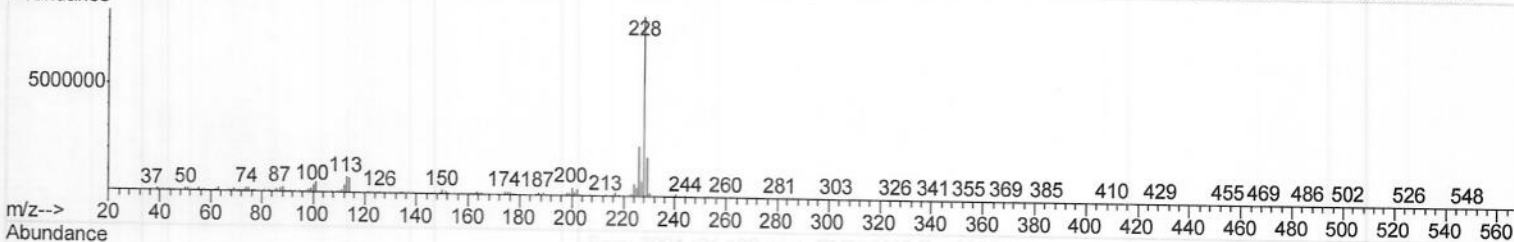
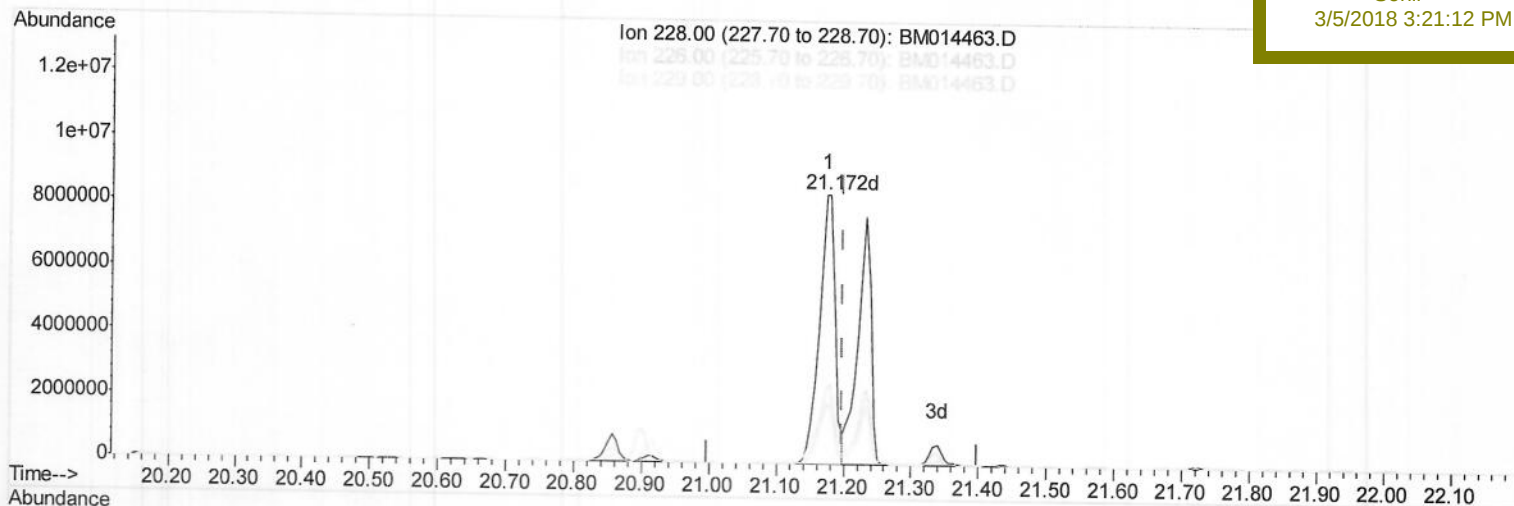
Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
 Data File : BM014463.D
 Acq On : 02 Mar 2018 15:55
 Operator : SJ/JU
 Sample : J1678-21RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 08 08:43:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 08 07:40:07 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z4RE

Manual Integrations
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(82) Chrysene

21.174min (-0.024) 401.10ng/ul

response 13555892

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	28.36
229.00	19.40	21.85
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\

Data File : BM014463.D

Acq On : 02 Mar 2018 15:55

Operator : SJ/JU

Sample : J1678-21RE

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 08 08:43:11 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Mar 08 07:40:07 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

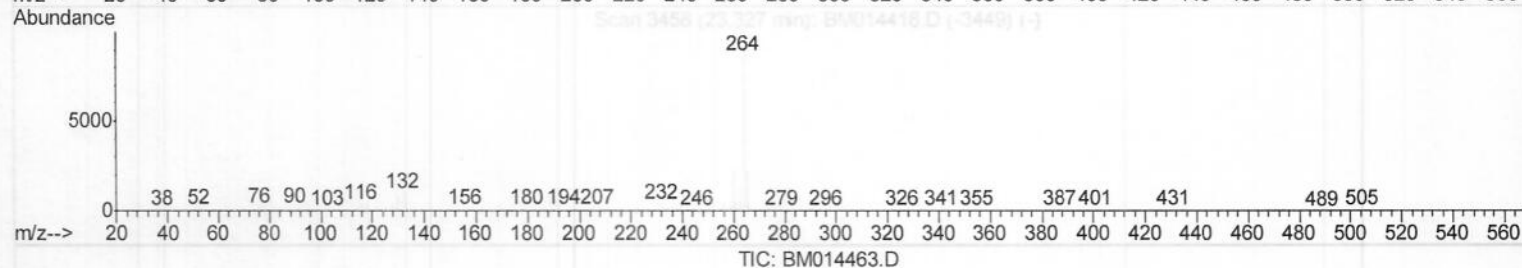
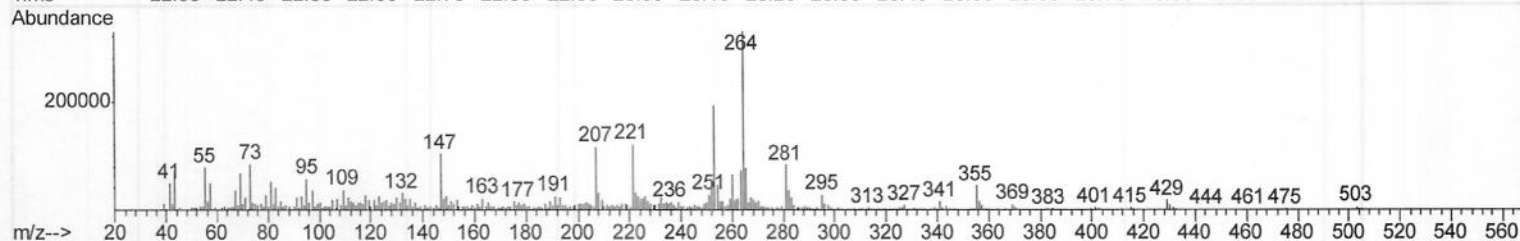
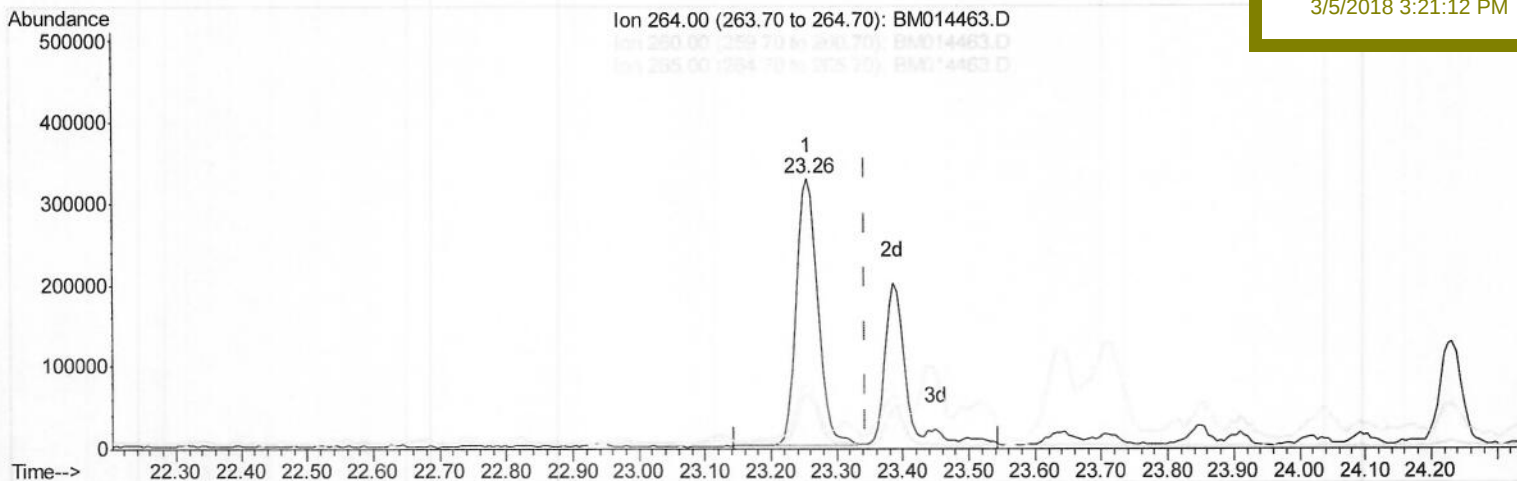
BE5Z4RE

Manual Integrations

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(83) Perylene-d12 (I)

23.256min (-0.089) 20.00ng/ul

response 740507

Ion	Exp%	Act%
264.00	100	100
260.00	24.20	19.98
265.00	22.50	23.42
0.00	0.00	0.00

Quantitation Report (Qedit)

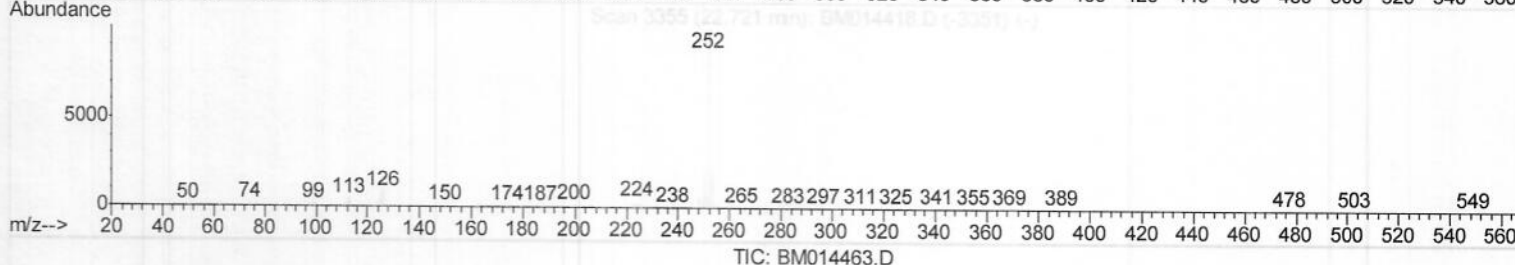
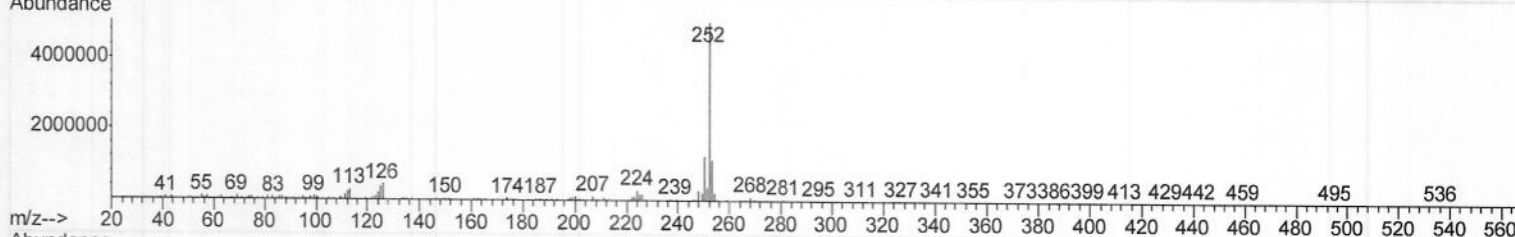
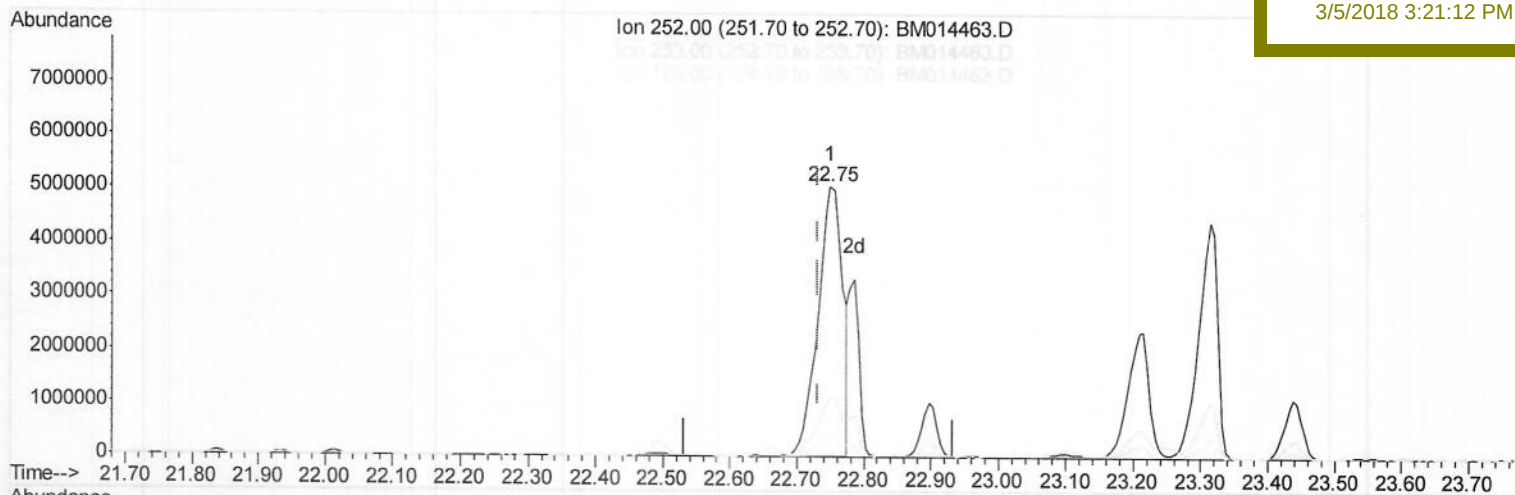
Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
 Data File : BM014463.D
 Acq On : 02 Mar 2018 15:55
 Operator : SJ/JU
 Sample : J1678-21RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 08 08:43:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 08 07:40:07 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z4RE

Manual Integrations
 APPROVED

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(86) Benzo(k)fluoranthene

22.750min (+0.017) 273.07ng/ul

response 12872766

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.39
125.00	4.30	7.89#
0.00	0.00	0.00

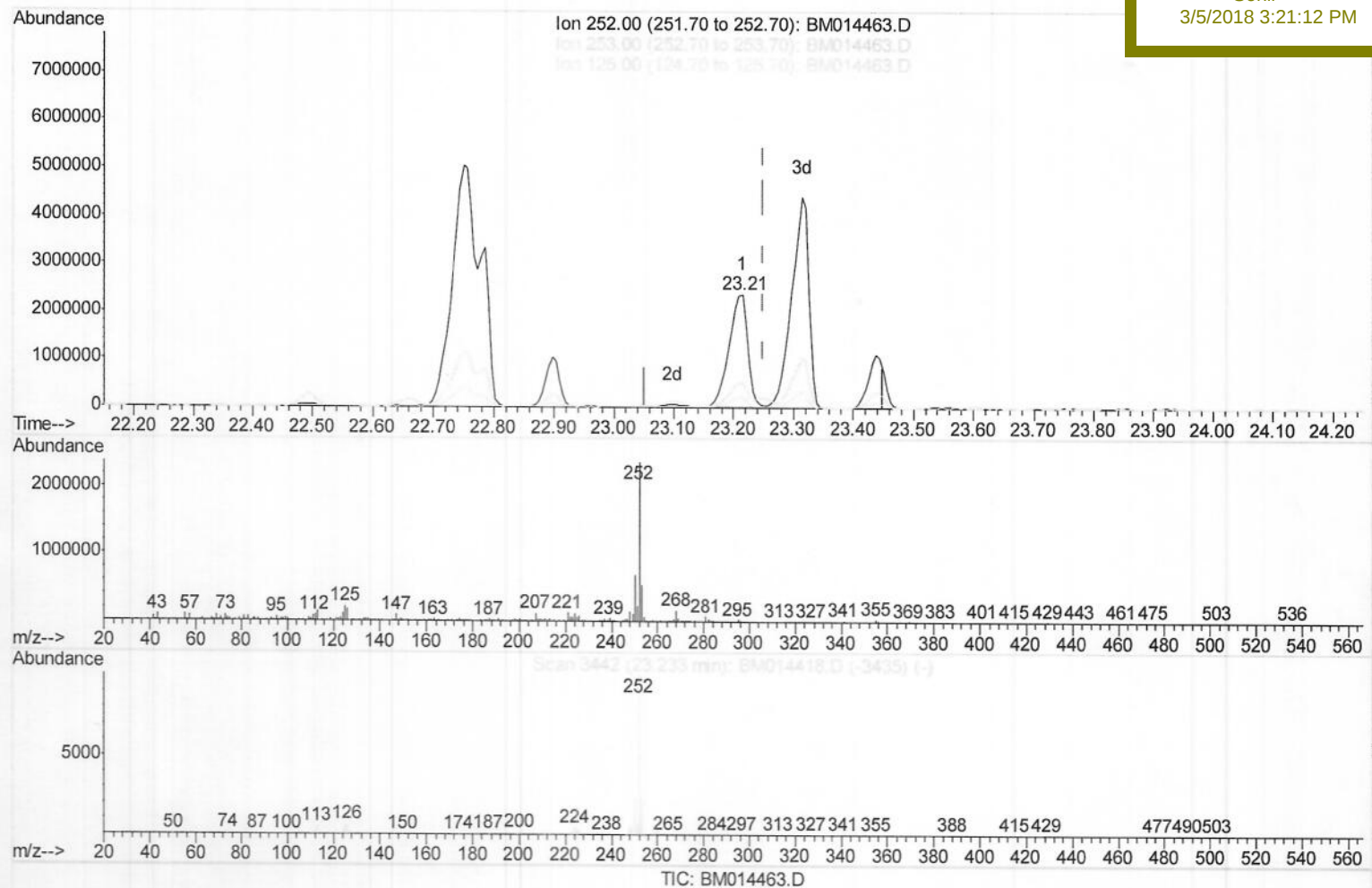
Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
Data File : BM014463.D
Acq On : 02 Mar 2018 15:55
Operator : SJ/JU
Sample : J1678-21RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 08 08:43:11 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 08 07:40:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5Z4RE

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

23.215min (-0.036) 114.24ng/ul

response 5061787

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.32
125.00	5.00	8.97#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\

Data File : BM014463.D

Acq On : 02 Mar 2018 15:55

Operator : SJ/JU

Sample : J1678-21RE

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 08 08:43:11 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Mar 08 07:40:07 2018

Response via : Initial Calibration

Instrument :

BNA_M

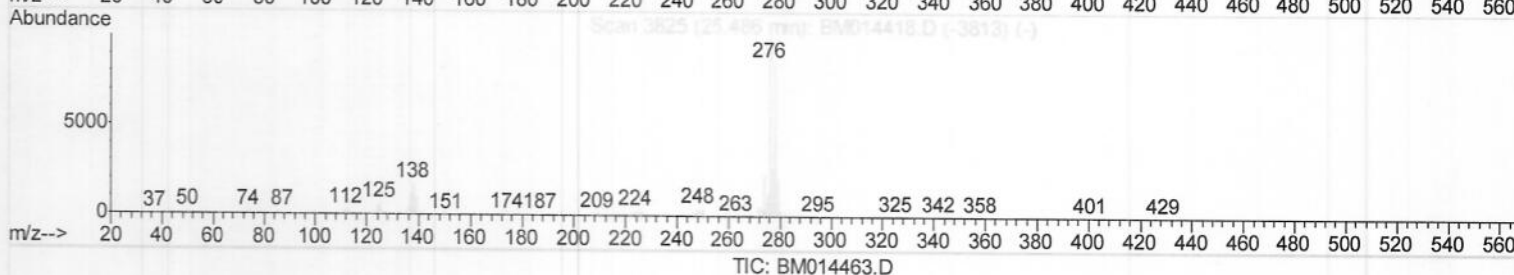
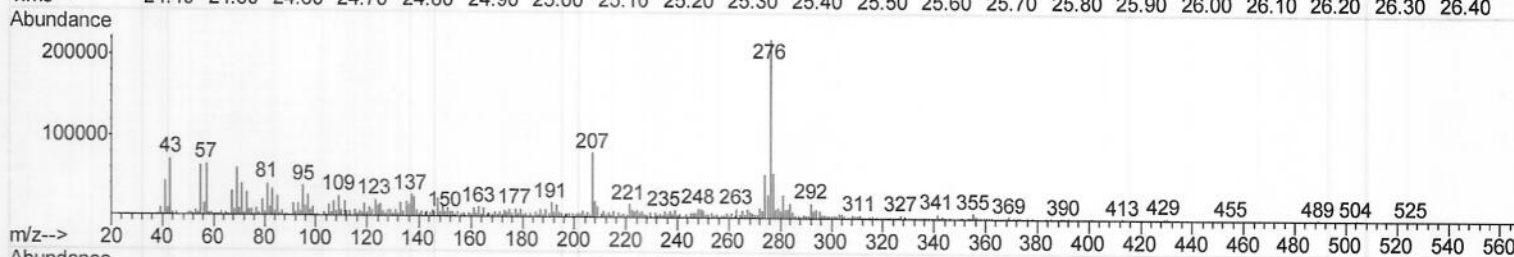
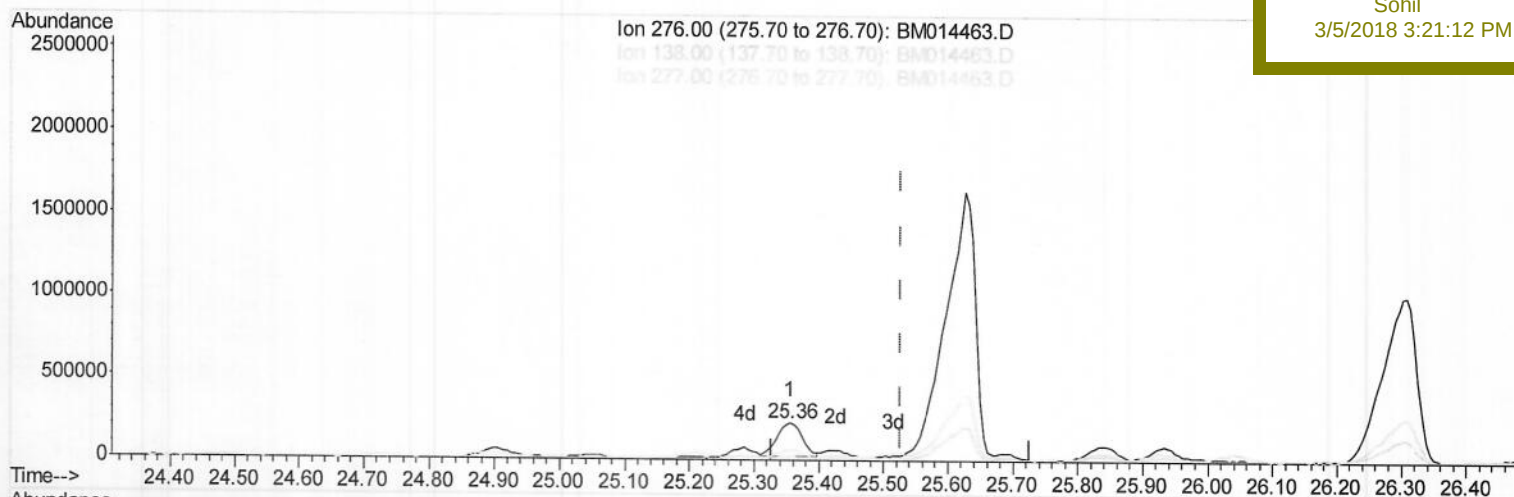
Client Sampled :

BE5Z4RE

Manual Integrations
APPROVED

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

25.356min (-0.171) 12.49ng/ul

response 536932

Ion Exp% Act%

276.00 100 100

138.00 11.60 11.19

277.00 24.90 25.75

0.00 0.00 0.00

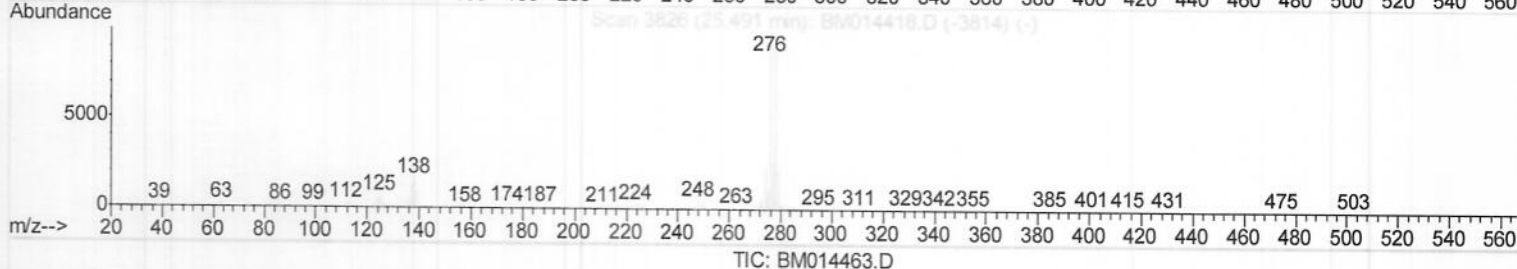
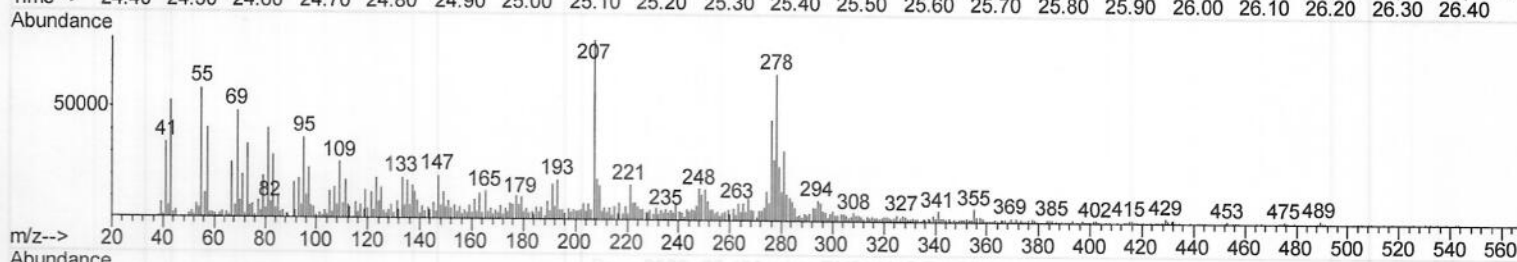
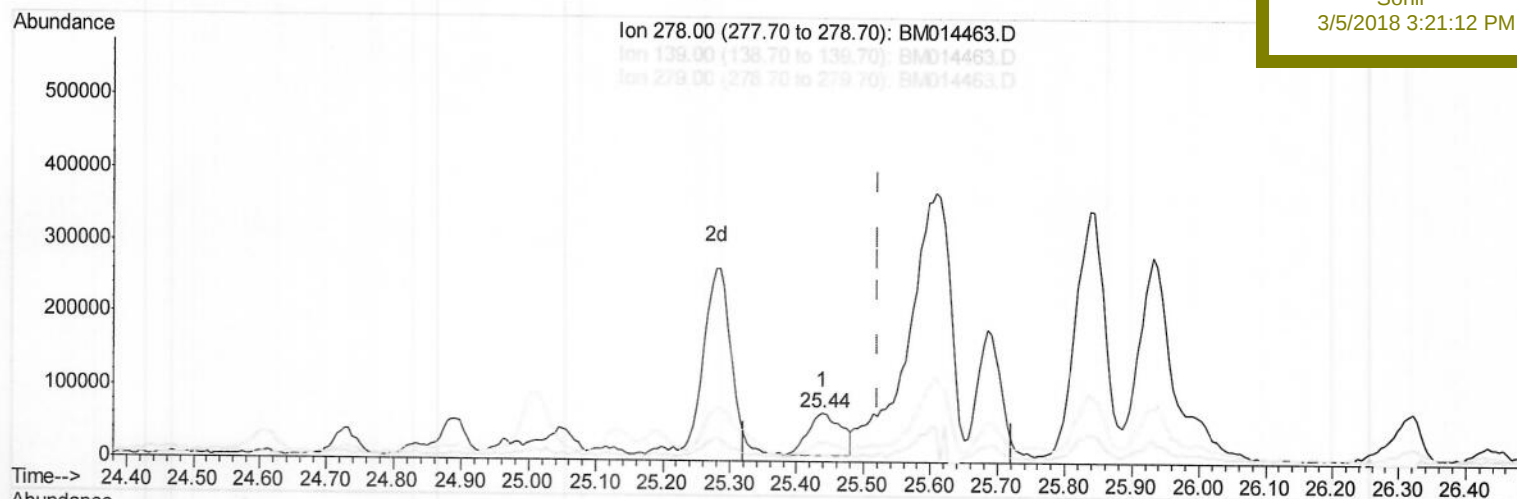
Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
Data File : BM014463.D
Acq On : 02 Mar 2018 15:55
Operator : SJ/JU
Sample : J1678-21RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 08 08:43:11 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 08 07:40:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5Z4RE

Manual Integrations
APPROVED

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(90) Dibenzo(a,h)anthracene

25.438min (-0.083) 5.61ng/ul

response 200349

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	13.00#
279.00	23.20	37.29#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\

Data File : BM014463.D

Acq On : 02 Mar 2018 15:55

Operator : SJ/JU

Sample : J1678-21RE

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 08 08:43:11 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Mar 08 07:40:07 2018

Response via : Initial Calibration

Instrument :

BNA_M

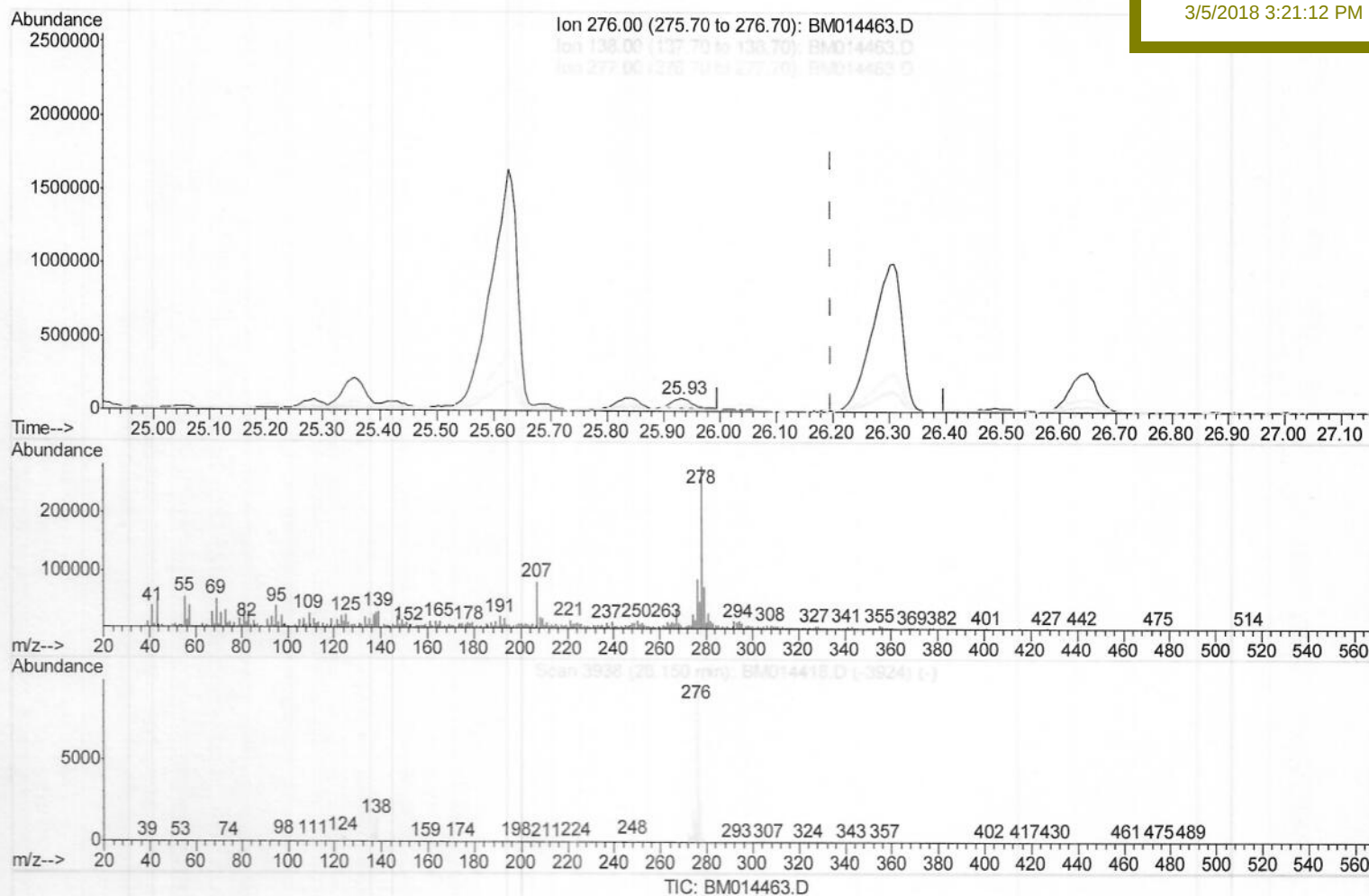
ClientSampleId :

BE5Z4RE

Manual Integrations
APPROVED

Sohil

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

25.932min (-0.265) 3.96ng/ul

response 137877

Ion	Exp%	Act%
276.00	100	100
138.00	10.60	32.14#
277.00	23.30	55.42#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\

Data File : BM014463.D

Acq On : 02 Mar 2018 15:55

Operator : SJ/JU

Sample : J1678-21RE

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 02 23:52:31 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 02 22:33:42 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

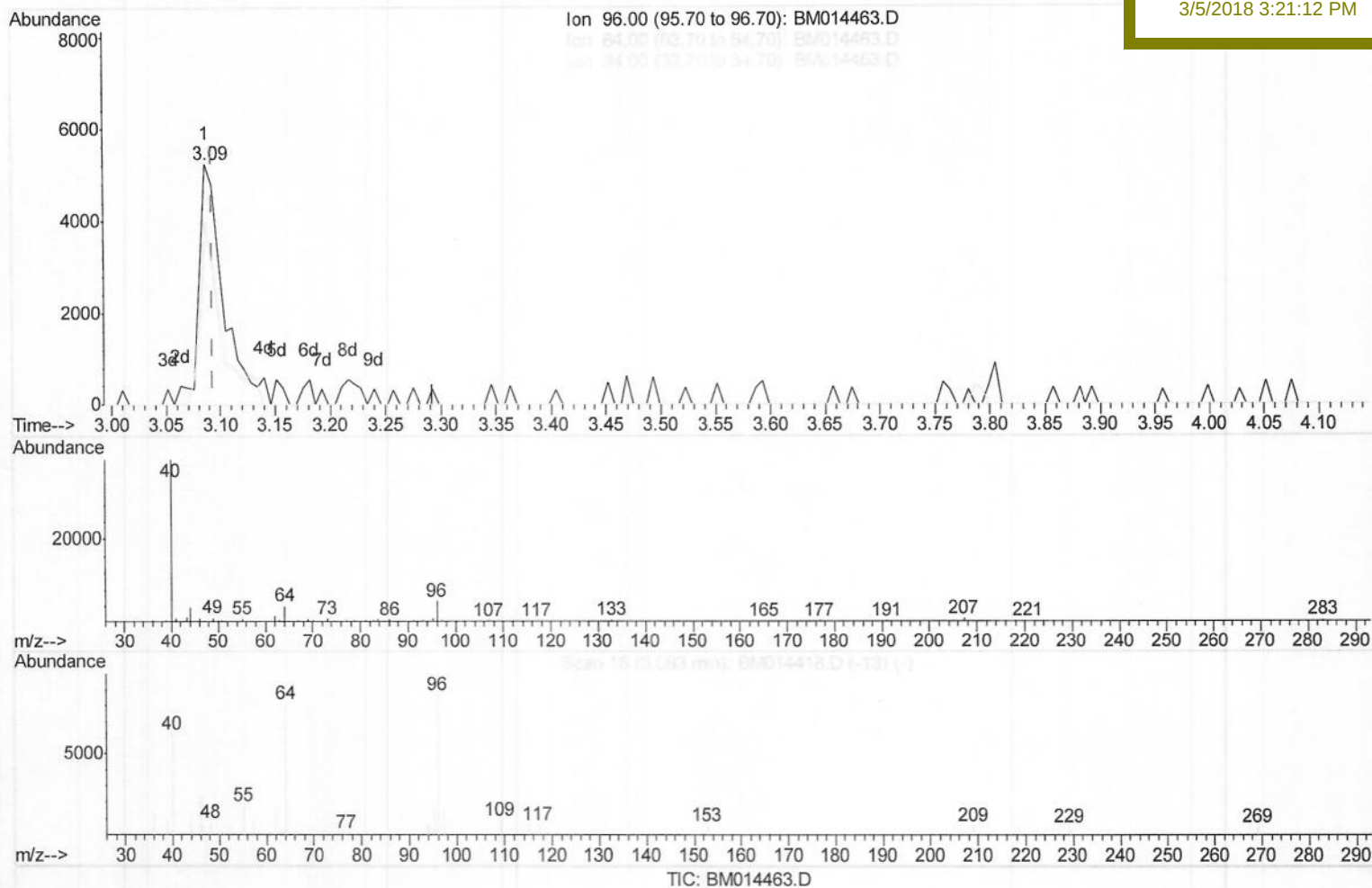
BE5Z4RE

Manual Integrations

APPROVED

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(3) 1,4-Dioxane-d8 (S)

3.087min (-0.006) 4.26ng/uL m) 5003109118

response 8272

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	59.54#
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\

Data File : BM014463.D

Acq On : 02 Mar 2018 15:55

Operator : SJ/JU

Sample : J1678-21RE

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 02 23:52:31 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 02 22:33:42 2018

Response via : Initial Calibration

Instrument :

BNA_M

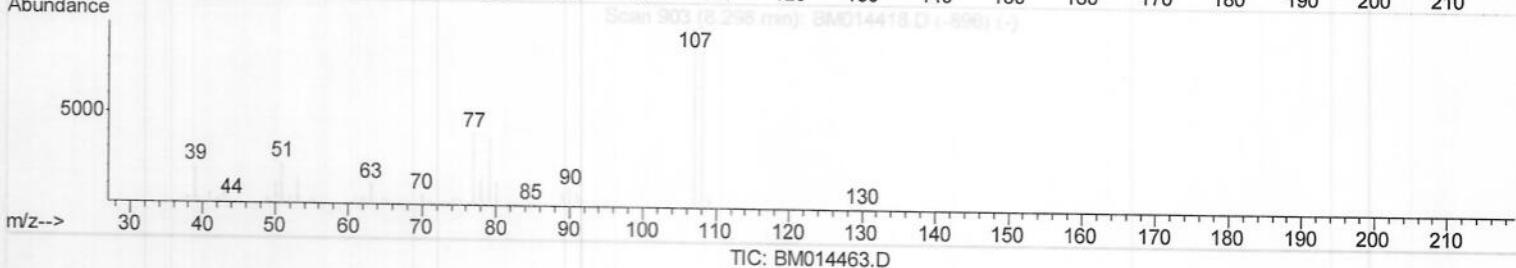
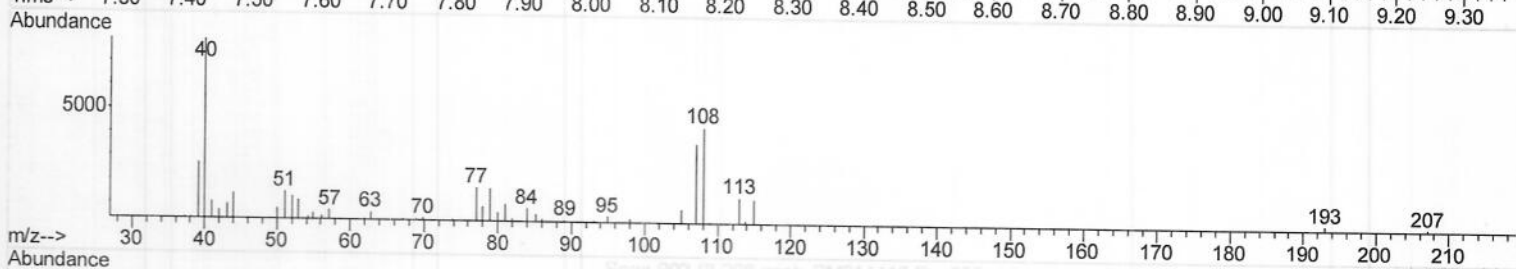
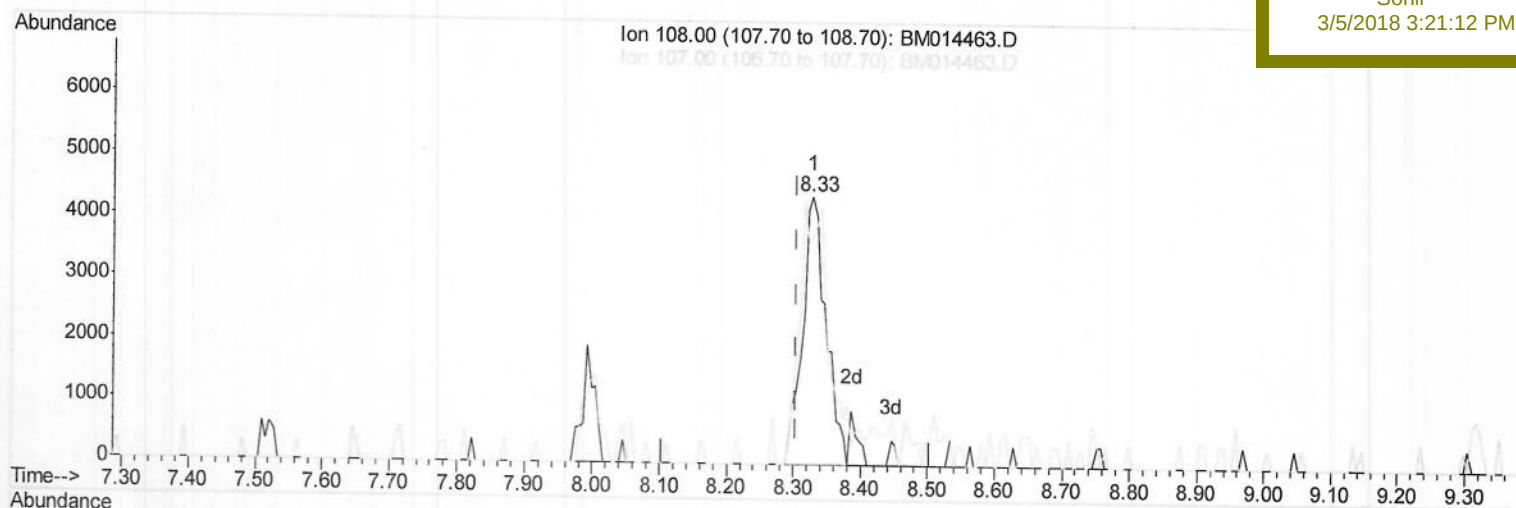
ClientSampleId :

BE5Z4RE

Manual Integrations
APPROVED

Sohil

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(16) 4-Methylphenol

8.328min (+0.024) 1.74ng/ul m 35003109118

response 10682

Ion	Exp%	Act%
108.00	100	100
107.00	106.10	84.35#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

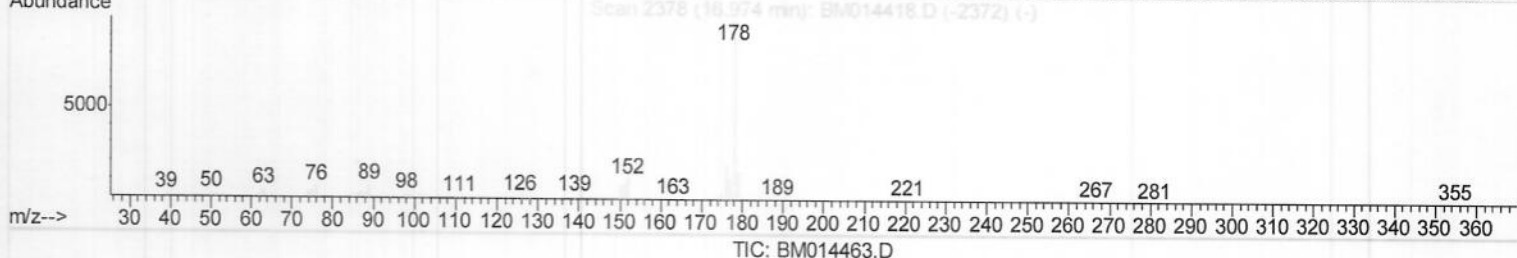
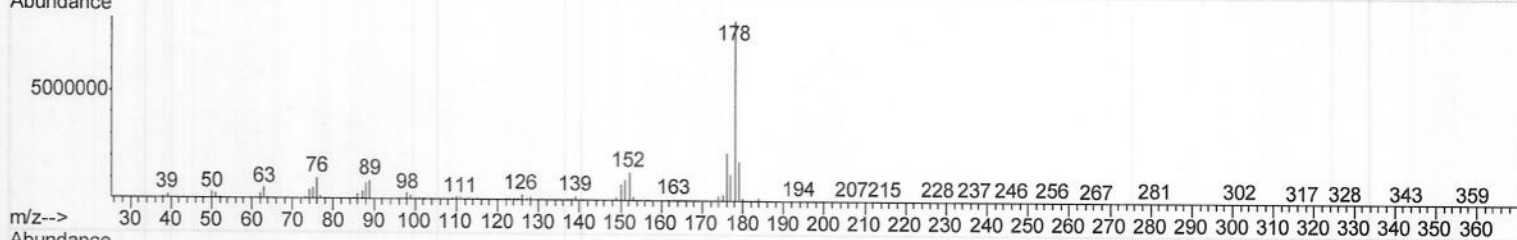
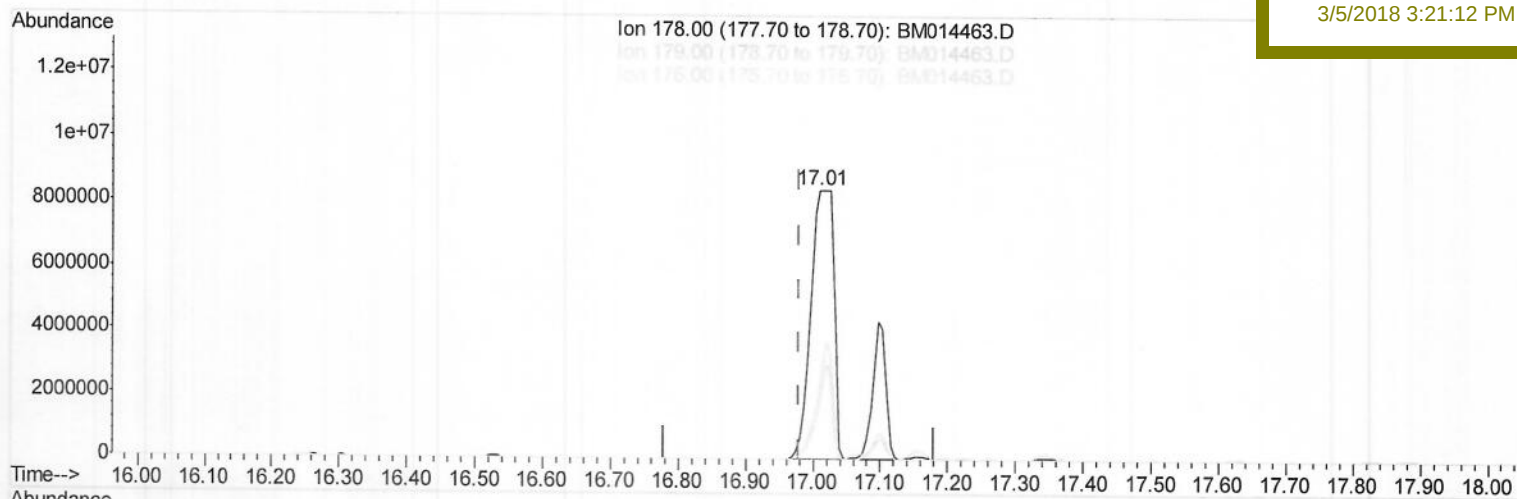
Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
 Data File : BM014463.D
 Acq On : 02 Mar 2018 15:55
 Operator : SJ/JU
 Sample : J1678-21RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 02 22:33:42 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z4RE

Manual Integrations
 APPROVED

Sohil
 3/5/2018 3:21:12 PM



(69) Phenanthrene

17.009min (+0.029) 682.35ng/ul m 5JU03109118

response 19843067

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	21.97#
176.00	18.60	26.47#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\

Data File : BM014463.D

Acq On : 02 Mar 2018 15:55

Operator : SJ/JU

Sample : J1678-21RE

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 02 23:52:31 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 02 22:33:42 2018

Response via : Initial Calibration

Instrument :

BNA_M

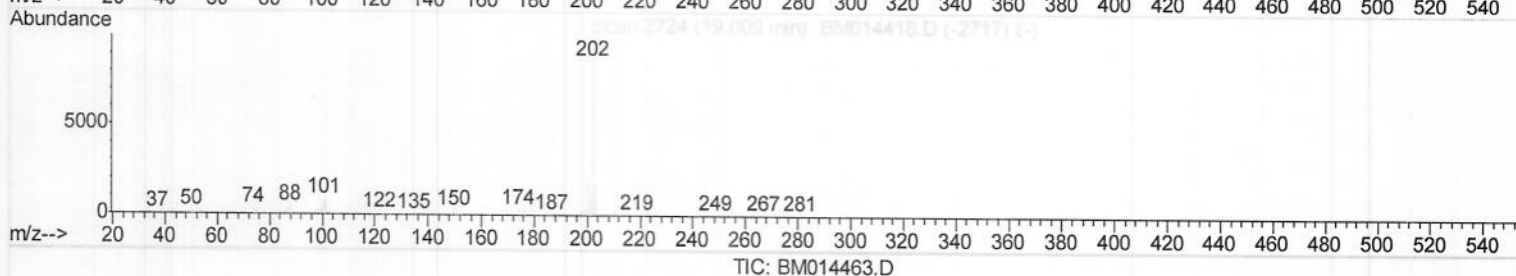
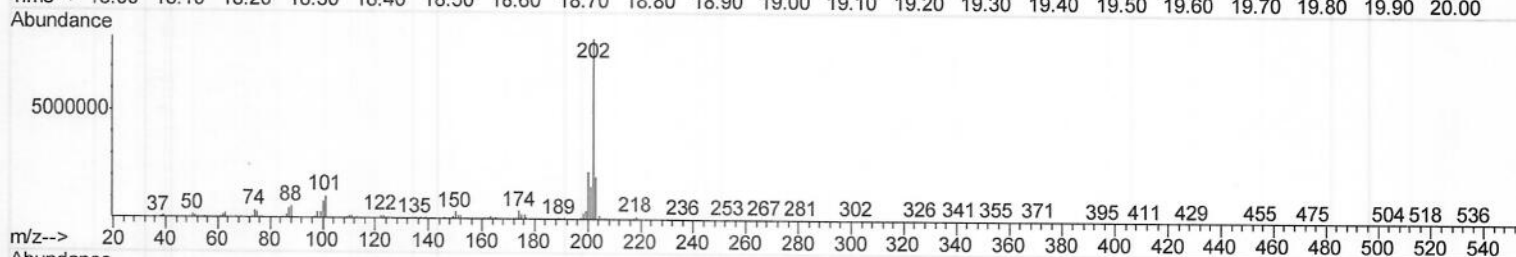
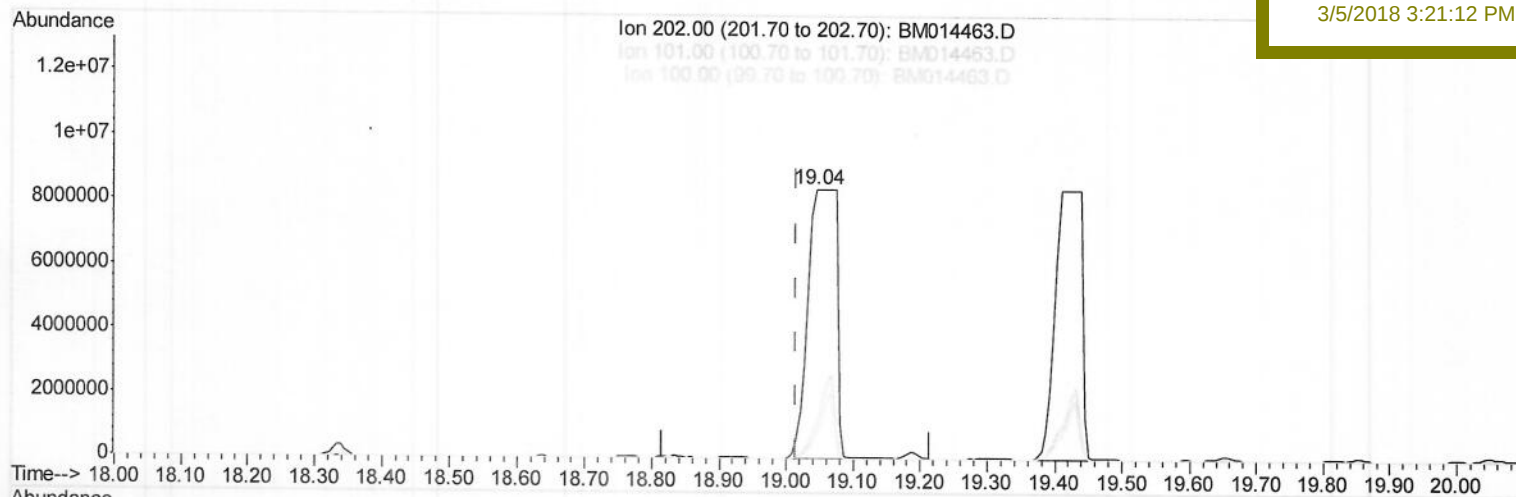
ClientSampleId :

BE5Z4RE

Manual Integrations
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(74) Fluoranthene (C)

19.045min (+0.029) 705.73ng/ul m) JU 03/09/18

response 24519596

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	12.67#
100.00	4.30	9.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

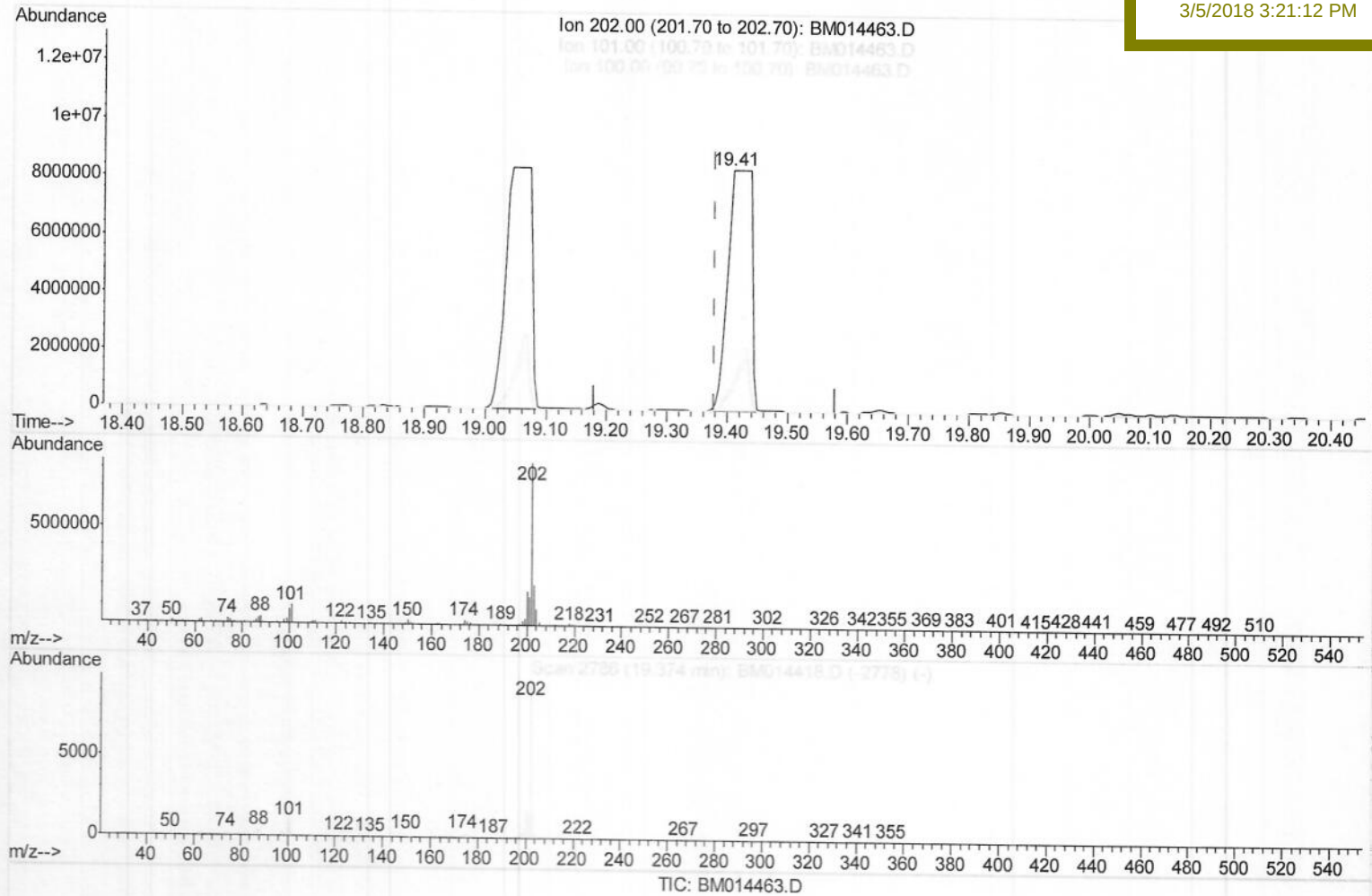
Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
 Data File : BM014463.D
 Acq On : 02 Mar 2018 15:55
 Operator : SJ/JU
 Sample : J1678-21RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 02 23:52:31 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 02 22:33:42 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z4RE

Manual Integrations
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(77) Pyrene

19.409min (+0.029) 594.24ng/ul m SJU03/09/18

response 22924731

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	11.53#
100.00	6.10	8.91#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
Data File : BM014463.D
Acq On : 02 Mar 2018 15:55
Operator : SJ/JU
Sample : J1678-21RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 02 23:52:31 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

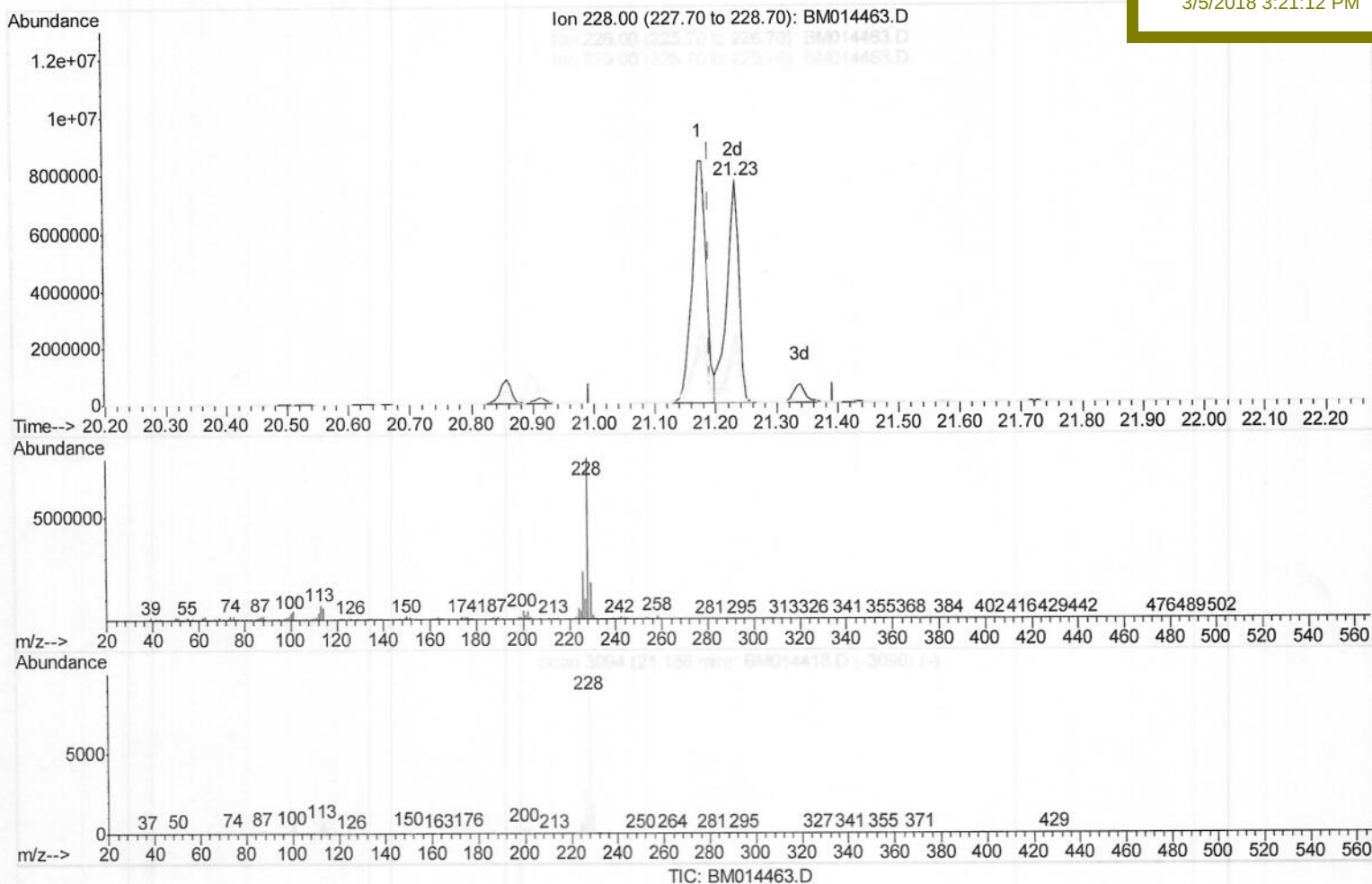
BE5Z4RE

Manual Integrations

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(82) Chrysene

21.233min (+0.041) 312.74ng/ul m 5J00319118

response 10569526

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.39
229.00	19.40	23.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

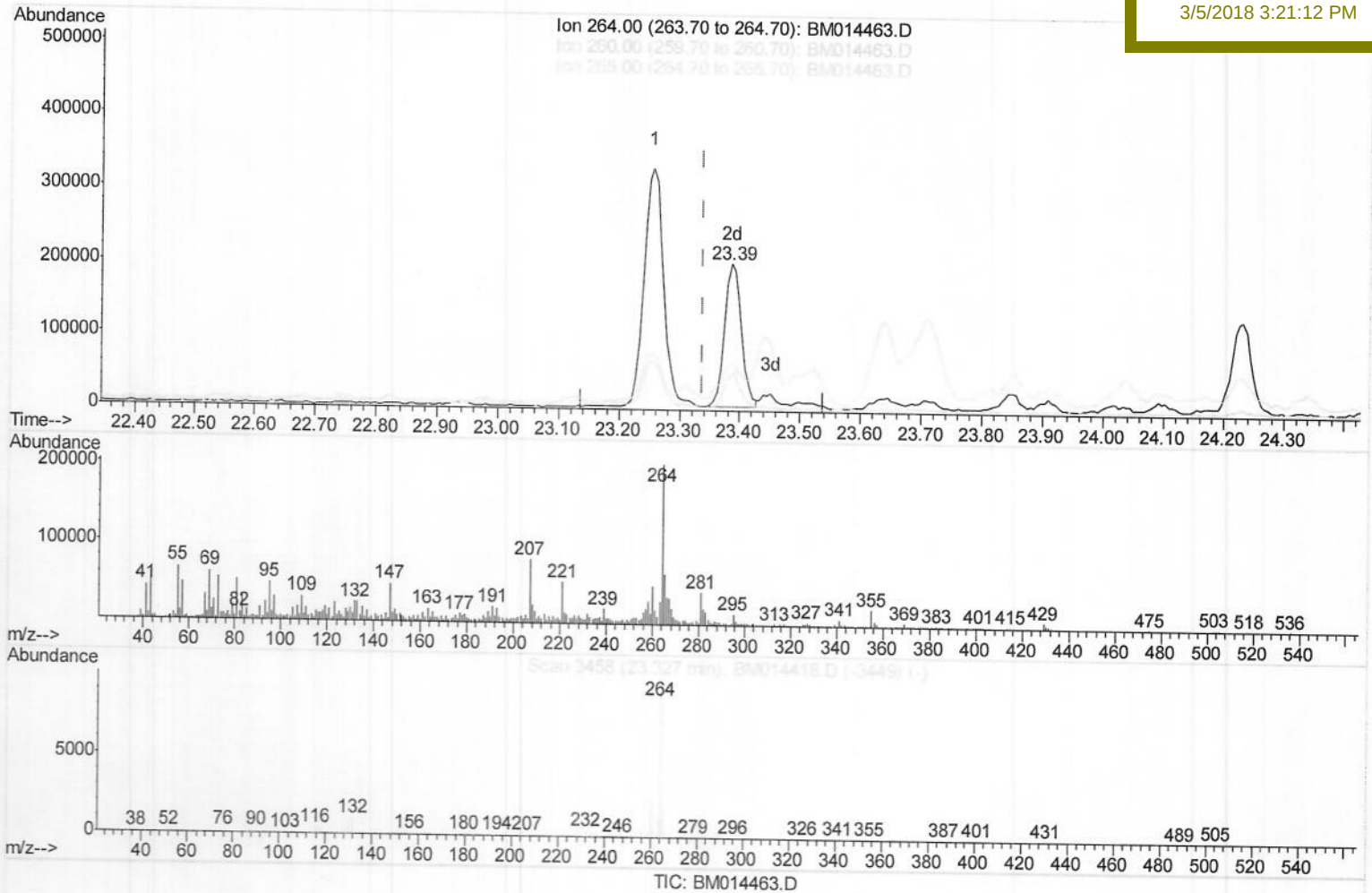
Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
 Data File : BM014463.D
 Acq On : 02 Mar 2018 15:55
 Operator : SJ/JU
 Sample : J1678-21RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 02 23:52:31 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 02 22:33:42 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampled :
 BE5Z4RE

Manual Integrations
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(83) Perylene-d12 (I)

23.386min (+0.047) 20.00ng/ul m) JU03109118

response 384477

Ion	Exp%	Act%
264.00	100	100
260.00	24.20	24.14
265.00	22.50	31.29#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\

Data File : BM014463.D

Acq On : 02 Mar 2018 15:55

Operator : SJ/JU

Sample : J1678-21RE

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 02 23:52:31 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 02 22:33:42 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

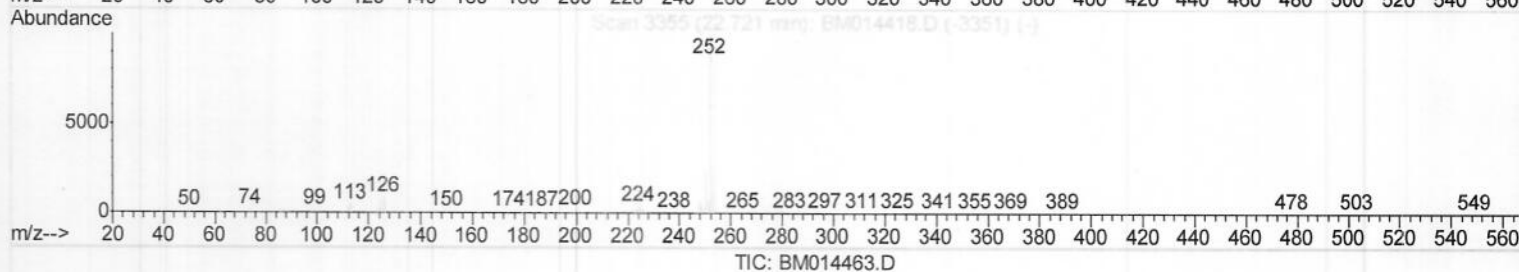
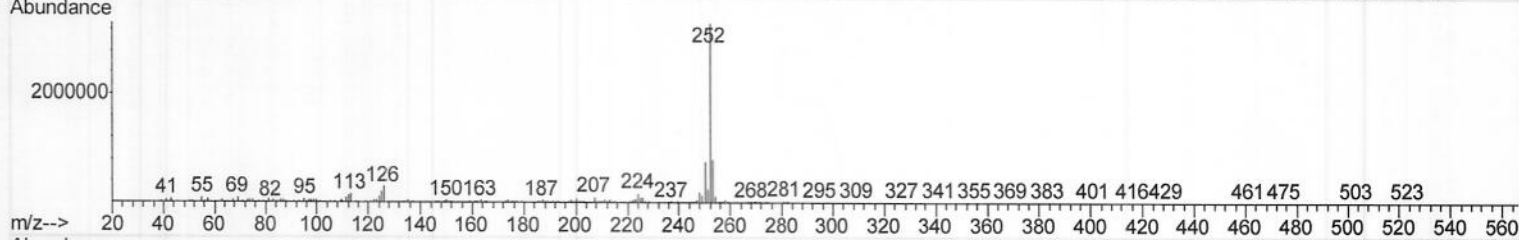
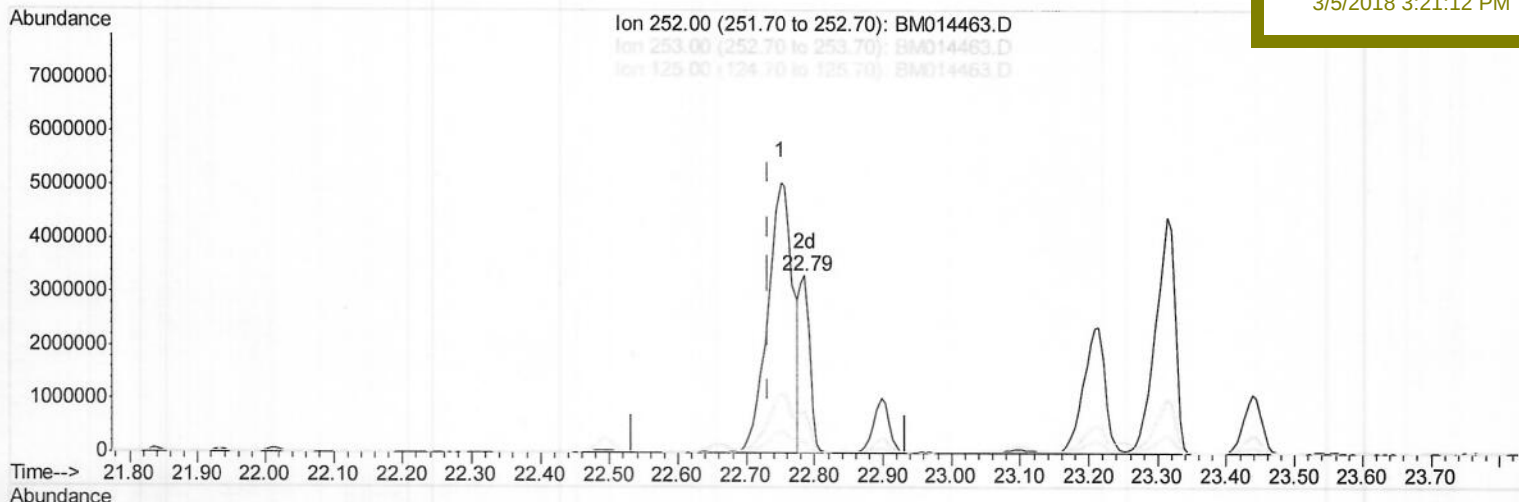
BE5Z4RE

Manual Integrations

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(86) Benzo(k)fluoranthene

22.786min (+0.053) 141.28ng/ul m 5503104/18

response 3457955

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.79
125.00	4.30	6.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

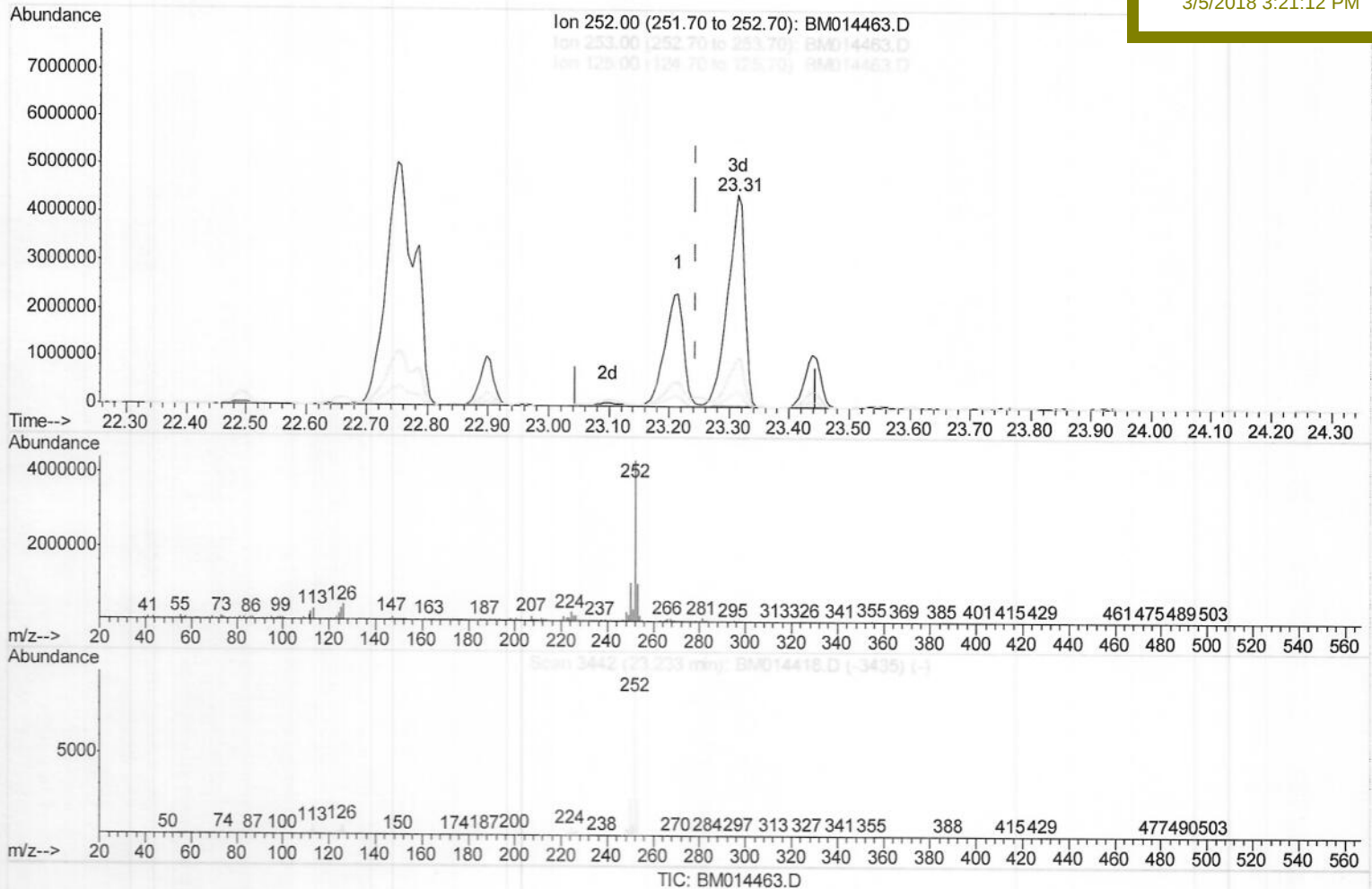
Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
 Data File : BM014463.D
 Acq On : 02 Mar 2018 15:55
 Operator : SJ/JU
 Sample : J1678-21RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BE5Z4RE

Manual Integrations
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Quant Time: Mar 02 23:52:31 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 02 22:33:42 2018
 Response via : Initial Calibration



(88) Benzo(a)pyrene (C)

23.315min (+0.071) 376.43ng/ul m) JU 03/09/18

response 8659671

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.36
125.00	5.00	7.87#
0.00	0.00	0.00

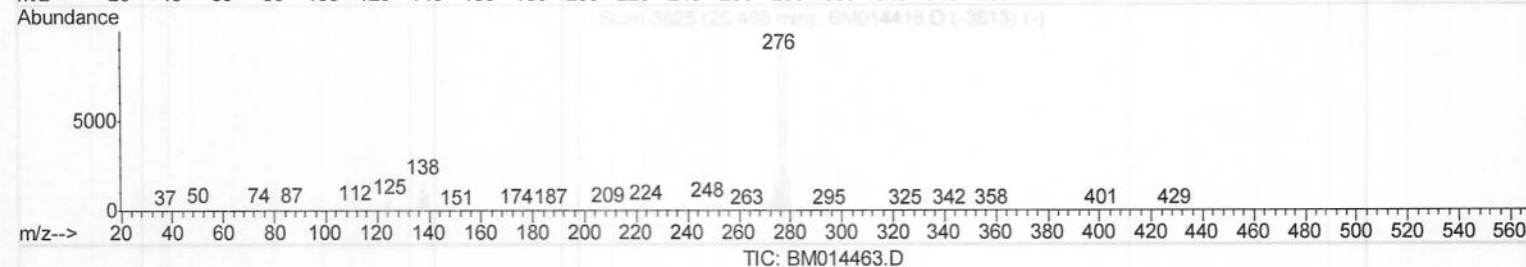
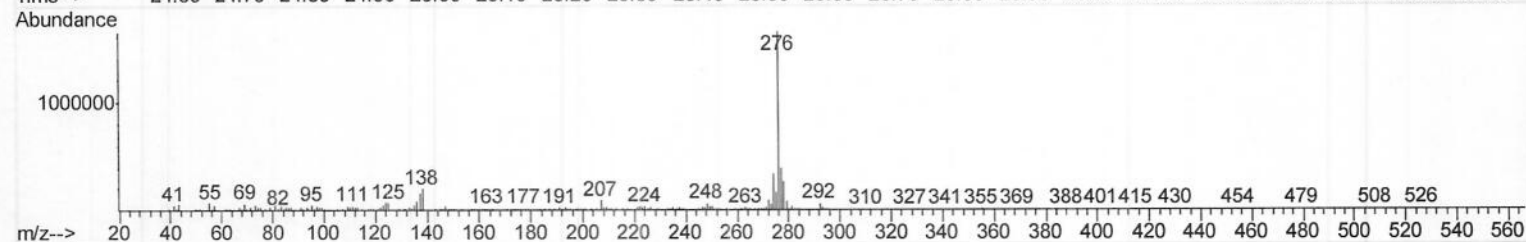
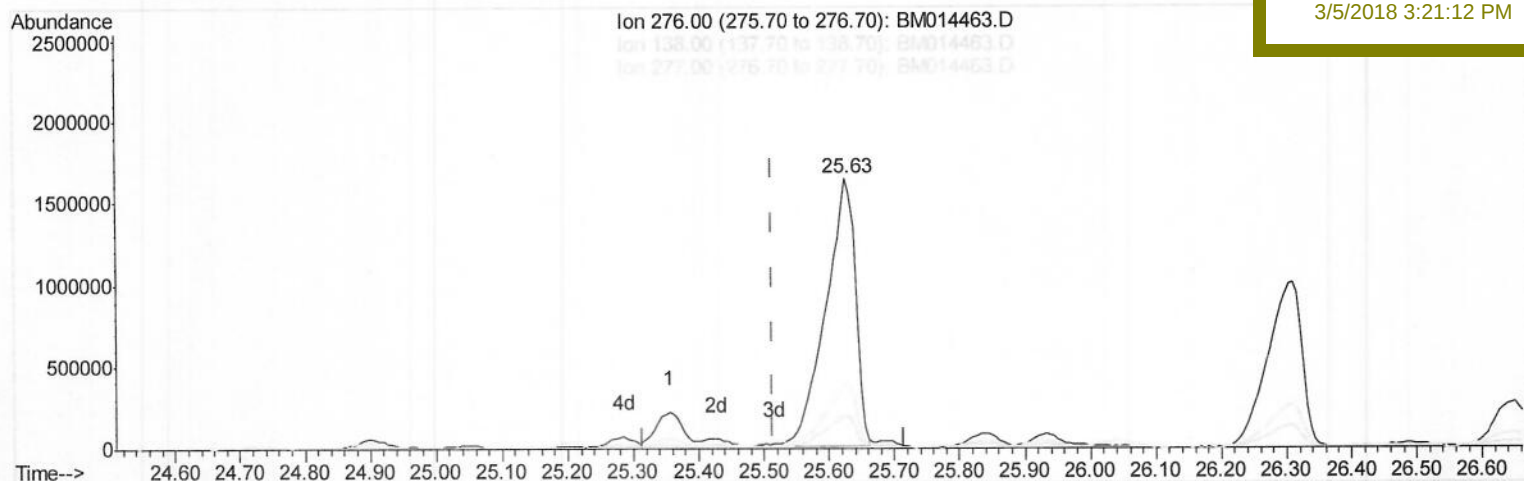
Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
Data File : BM014463.D
Acq On : 02 Mar 2018 15:55
Operator : SJ/JU
Sample : J1678-21RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 02 23:52:31 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration

Instrument :
BNA_M
Client Sample Id :
BE5Z4RE

Manual Integrations
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(89) Indeno(1,2,3-cd)pyrene

25.627min (+0.112) 231.49ng/ul m 350 03/09/18

response 5167525

Ion	Exp%	Act%
276.00	100	100
138.00	11.60	12.09
277.00	24.90	24.07
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\

Data File : BM014463.D

Acq On : 02 Mar 2018 15:55

Operator : SJ/JU

Sample : J1678-21RE

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 02 23:52:31 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 02 22:33:42 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

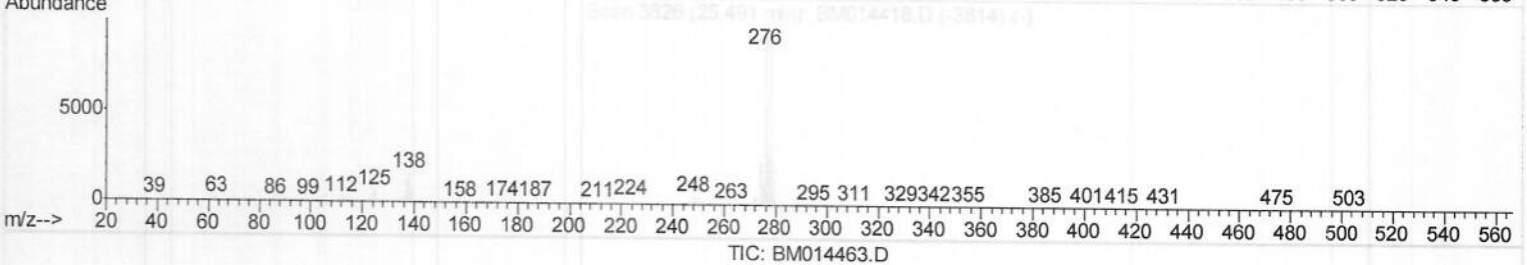
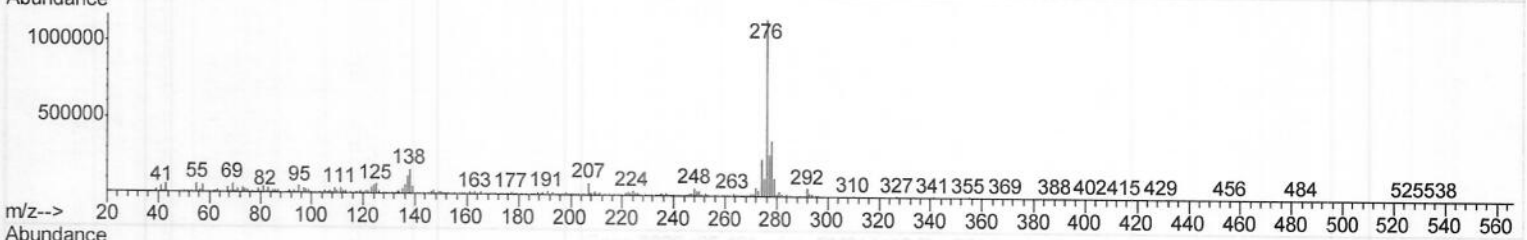
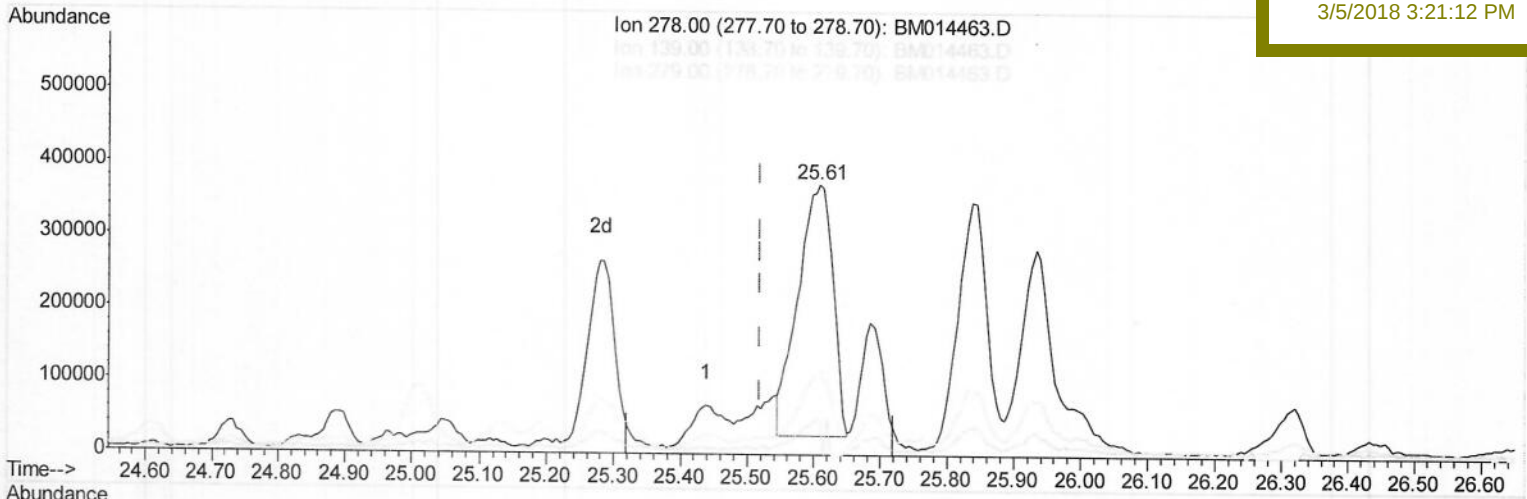
BE5Z4RE

Manual Integrations

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(90) Dibenzo(a,h)anthracene

25.609min (+0.088) 68.34ng/ul m

SJ03/09/18

response 1267593

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	12.61#
279.00	23.20	31.50#
0.00	0.00	0.00

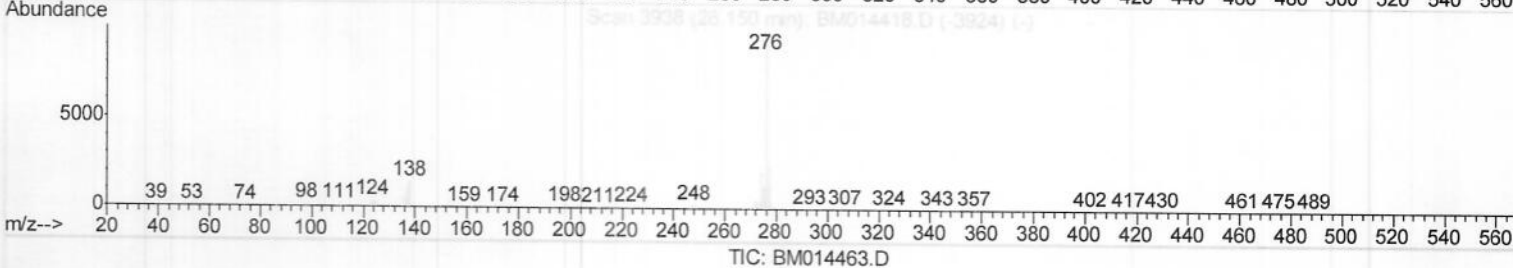
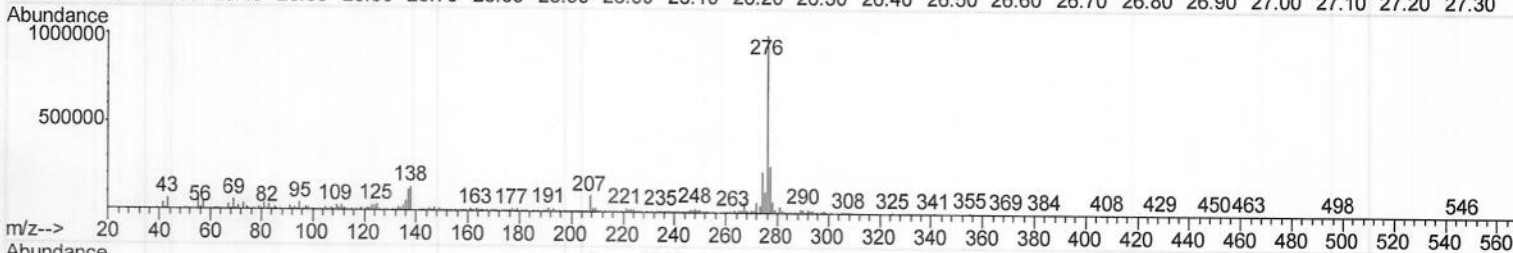
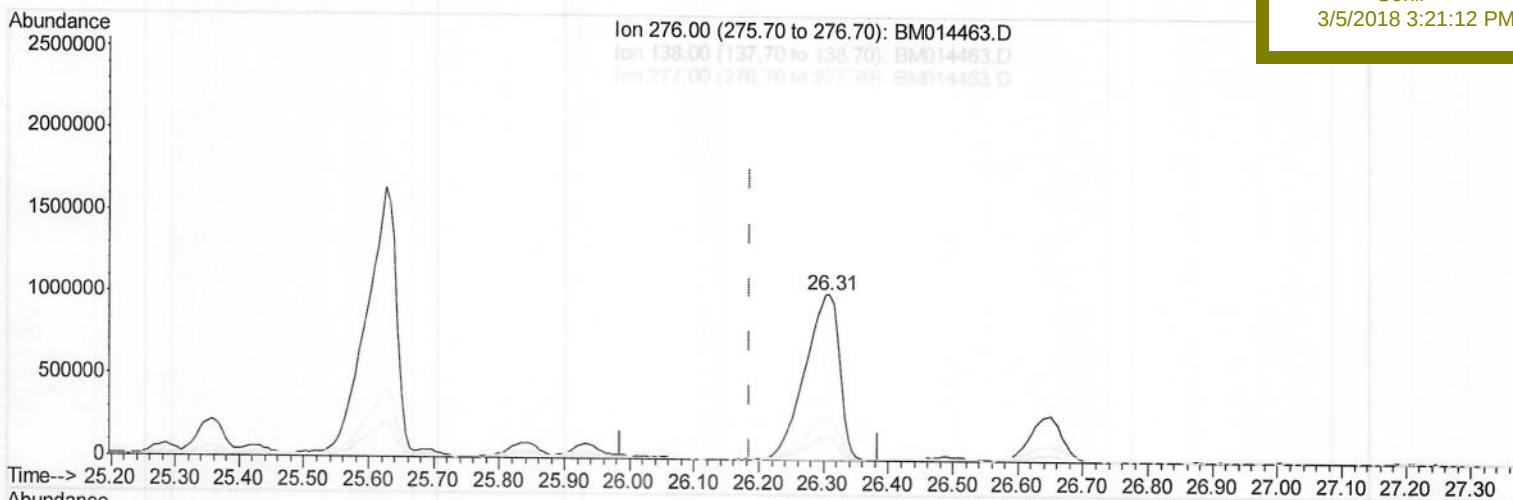
Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
Data File : BM014463.D
Acq On : 02 Mar 2018 15:55
Operator : SJ/JU
Sample : J1678-21RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 02 23:52:31 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5Z4RE

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

26.309min (+0.124) 204.22ng/ul m *SJU03109118*

response 3693048

Ion	Exp%	Act%
276.00	100	100
138.00	10.60	13.35#
277.00	23.30	25.87
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
 Data File : BM014463.D
 Acq On : 02 Mar 2018 15:55
 Operator : SJ/JU
 Sample : J1678-21RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z4RE

Quant Time: Mar 02 23:52:31 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 02 22:33:42 2018
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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	7.52	152	83118	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	365433	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.18	164	224776	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	504730	20.00	ng/ul	0.02
75) Chrysene-d12	21.19	240	580499	20.00	ng/ul	0.03
83) Perylene-d12	23.39	264	384477m	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	8272m	4.26	ng/uL	0.00
5) Phenol-d5	6.74	99	216672	30.84	ng/ul	0.02
7) Bis-(2-Chloroethyl) ether-d	6.87	67	124680	29.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	181500	33.69	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	181175	29.47	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	94089	34.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	100618	36.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	200907	34.70	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	180996	31.73	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	686895	37.01	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	852621	37.25	ng/ul	0.01
51) 4-Nitrophenol-d4	14.50	143	69805	27.24	ng/ul	0.04
57) Fluorene-d10	15.19	176	591079	35.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	3921	1.29	ng/ul	0.04
70) Anthracene-d10	17.06	188	958416	39.36	ng/ul	0.02
76) Pyrene-d10	19.38	212	1074483	35.89	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.26	264	720968	38.53	ng/ul	0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.76	94	18969	2.573	ng/ul	94
14) Acetophenone	8.36	105	14391	1.357	ng/ul#	85
16) 4-Methylphenol	8.33	108	10682m	1.739	ng/ul	85
28) Naphthalene	10.34	128	267936	14.276	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	124633	8.724	ng/ul	87
40) 1,1'-Biphenyl	13.00	154	61544	3.554	ng/ul#	93
44) Dimethylphthalate	13.65	163	107604	5.879	ng/ul	99
47) Acenaphthylene	13.90	152	819551	37.882	ng/ul	99
49) Acenaphthene	14.25	153	490034	32.167	ng/ul	97
53) Dibenzofuran	14.59	168	813002	35.592	ng/ul	91
58) Fluorene	15.24	166	1199344	60.819	ng/ul	97
69) Phenanthrene	17.01	178	19843067m	682.350	ng/ul	99
71) Anthracene	17.10	178	5648001	193.122	ng/ul	99
72) Carbazole	17.37	167	2006879	81.608	ng/ul	98
74) Fluoranthene	19.04	202	24519596m	705.733	ng/ul	99
77) Pyrene	19.41	202	22924731m	594.238	ng/ul	96
80) Benzo(a)anthracene	21.17	228	13555892	374.173	ng/ul	96
82) Chrysene	21.23	228	10569526m	312.736	ng/ul	98
85) Benzo(b)fluoranthene	22.75	252	12839403	498.736	ng/ul#	98
86) Benzo(k)fluoranthene	22.79	252	3457955m	141.278	ng/ul	98
88) Benzo(a)pyrene	23.31	252	8659671m	376.429	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.63	276	5167525m	231.487	ng/ul	98
90) Dibenzo(a,h)anthracene	25.61	278	1267593m	68.337	ng/ul	98

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
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Acq On : 02 Mar 2018 15:55
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Sample : J1678-21RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 02 23:52:31 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5Z4RE

Manual Integrations
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3/5/2018 3:21:12 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a,h,i)perylene	26.31	276	3693048m	204.217	ng/ul	

Ju 03/09/18

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