

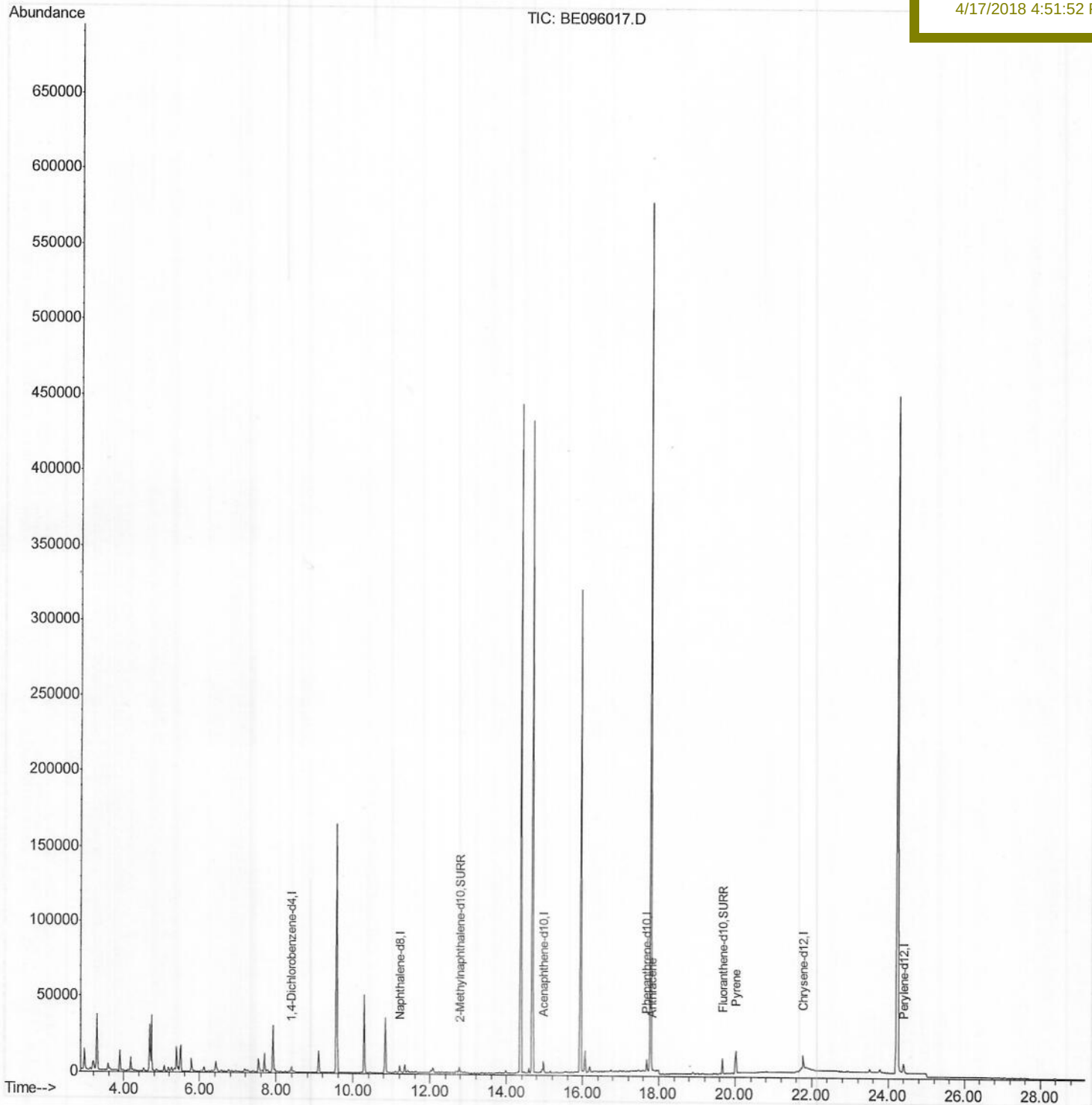
Data Path : Z:\HPCHEM1\BNA E\Data\BE041618\
Data File : BE096017.D
Acq On : 17 Apr 2018 2:38
Operator : SJ/JU
Sample : J2313-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 17 14:55:41 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 17 01:14:57 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F1A32

Manual Integrations
APPROVED

Sohil
4/17/2018 4:51:52 PM



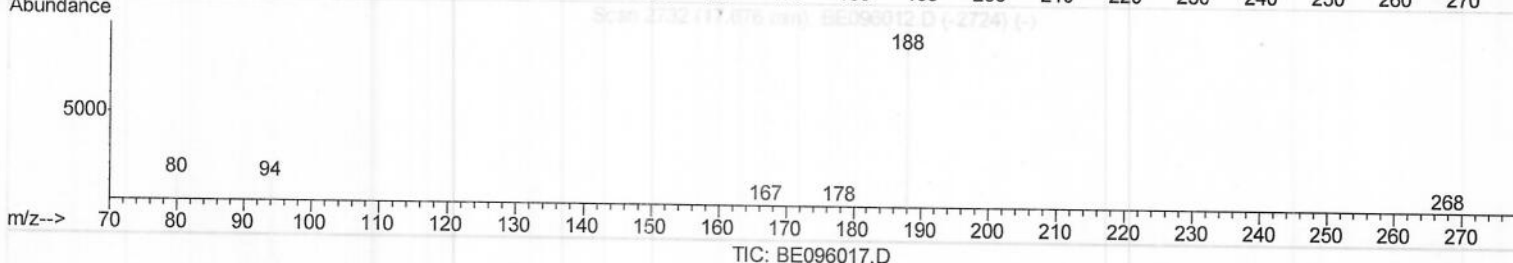
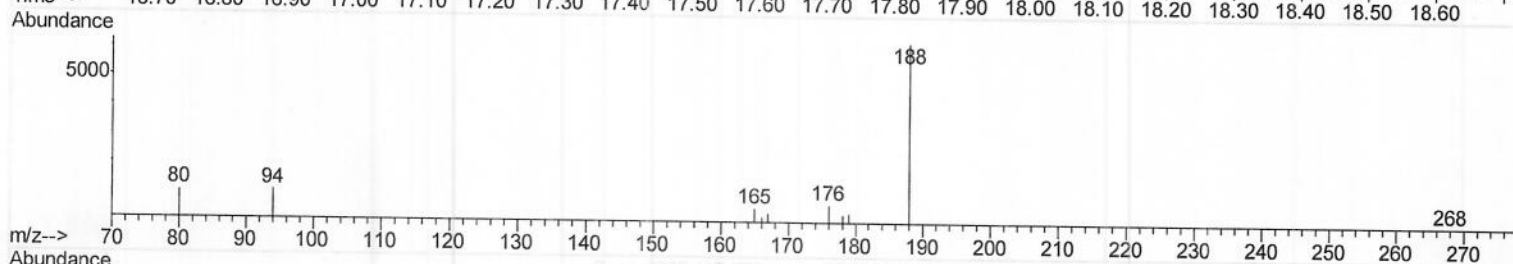
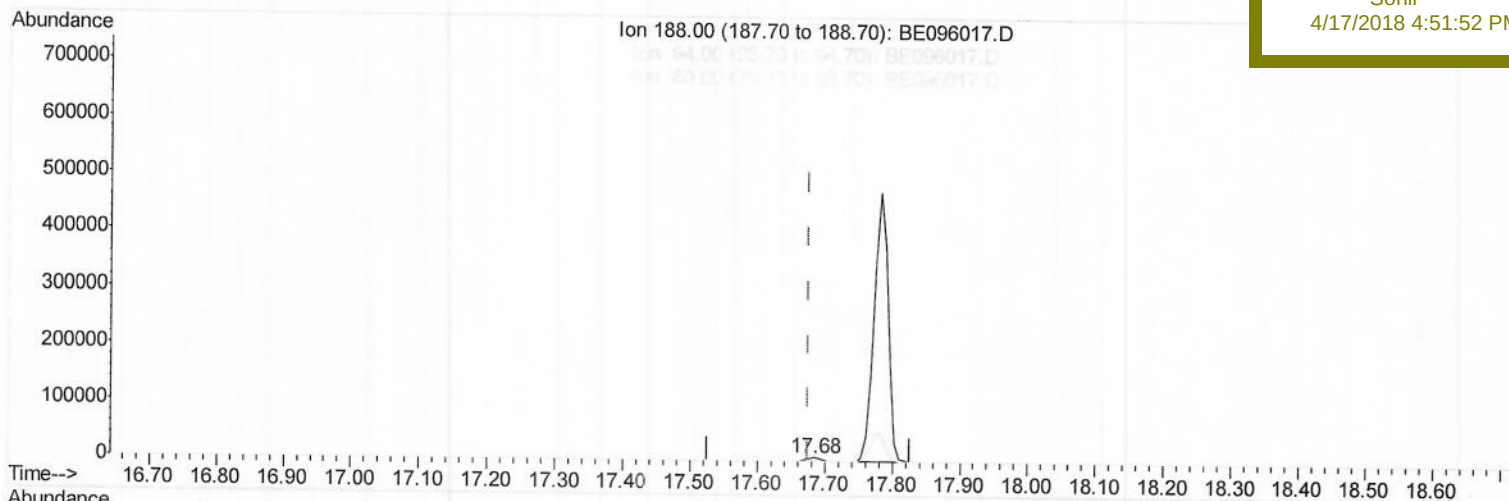
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Manual Integrations
APPROVED

Sohil
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(10) Phenanthrene-d10 (I)

17.684min (+0.007) 0.40ng/ul m

response 8712

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	17.09#
80.00	11.80	16.96#
0.00	0.00	0.00

SJ
04/21/2018

Quantitation Report (Qedit)

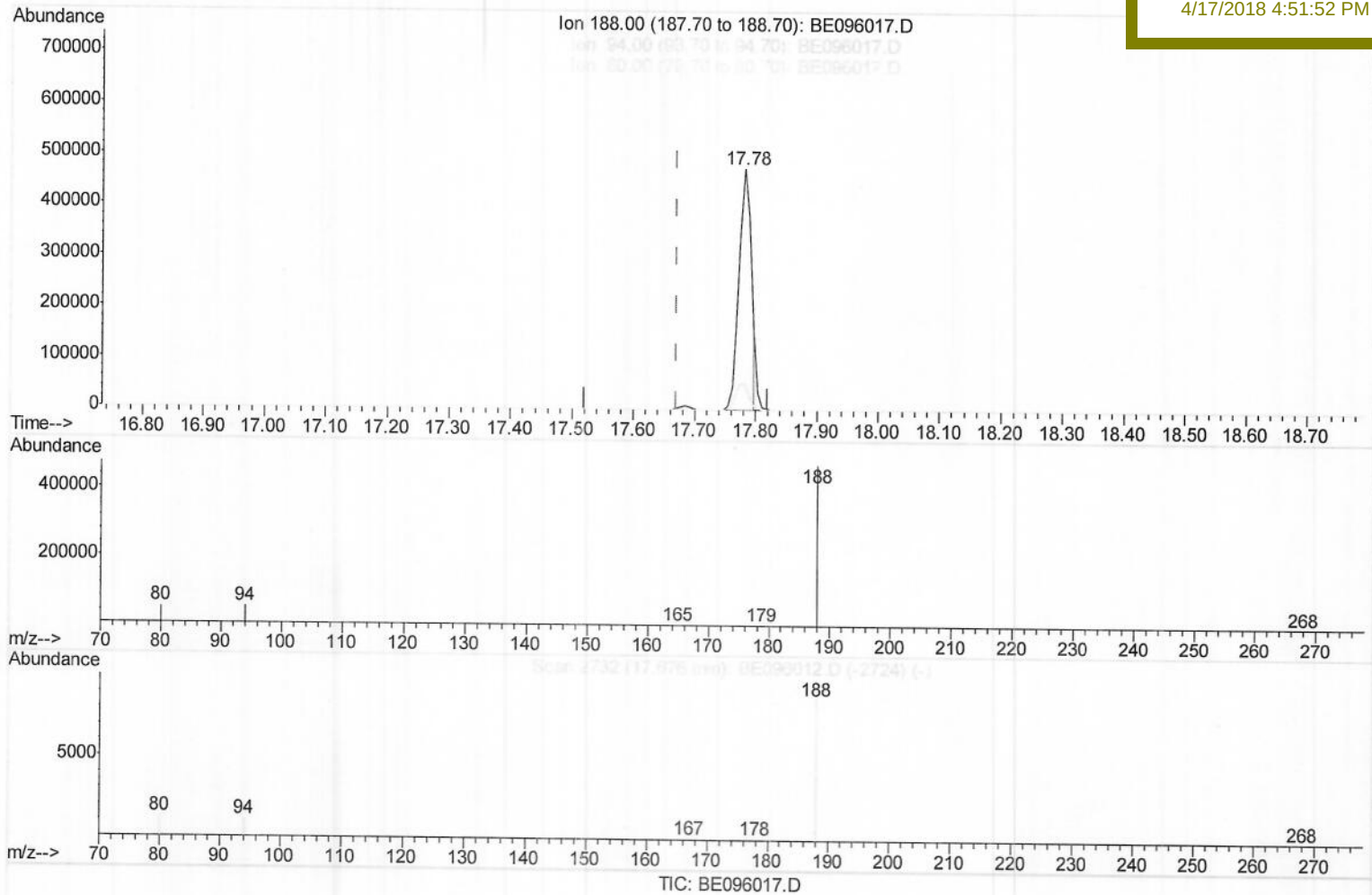
Data Path : Z:\HPCHEM1\BNA E\Data\BE041618\
Data File : BE096017.D
Acq On : 17 Apr 2018 2:38
Operator : SJ/JU
Sample : J2313-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 30 12:26:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 12:20:46 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampled :
F1A32

Manual Integrations
APPROVED

Sohil
4/17/2018 4:51:52 PM



(10) Phenanthrene-d10 (I)

17.782min (+0.112) 0.40ng/ul

response 659790

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.89
80.00	11.80	10.45
0.00	0.00	0.00

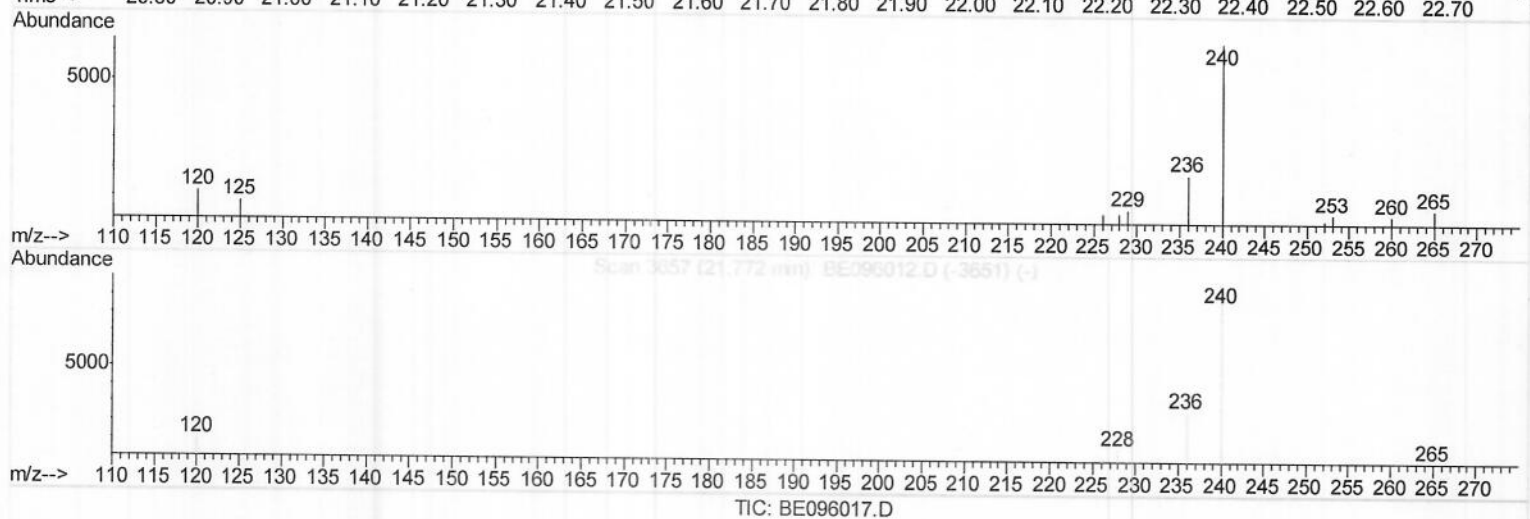
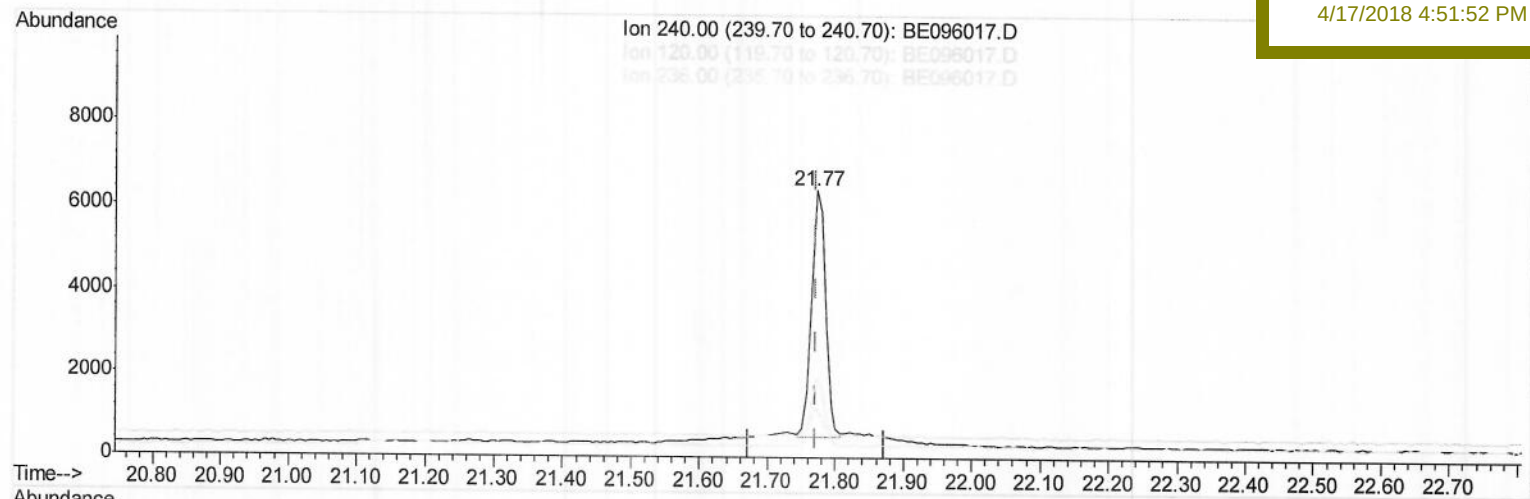
Data Path : Z:\HPCHEM1\BNA E\Data\BE041618\
Data File : BE096017.D
Acq On : 17 Apr 2018 2:38
Operator : SJ/JU
Sample : J2313-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
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(16) Chrysene-d12 (I)

21.772min (+0.000) 0.40ng/ul m

response 8325

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	18.49
236.00	34.90	29.86
0.00	0.00	0.00

SJ
04/21/2018

Quantitation Report (Qedit)

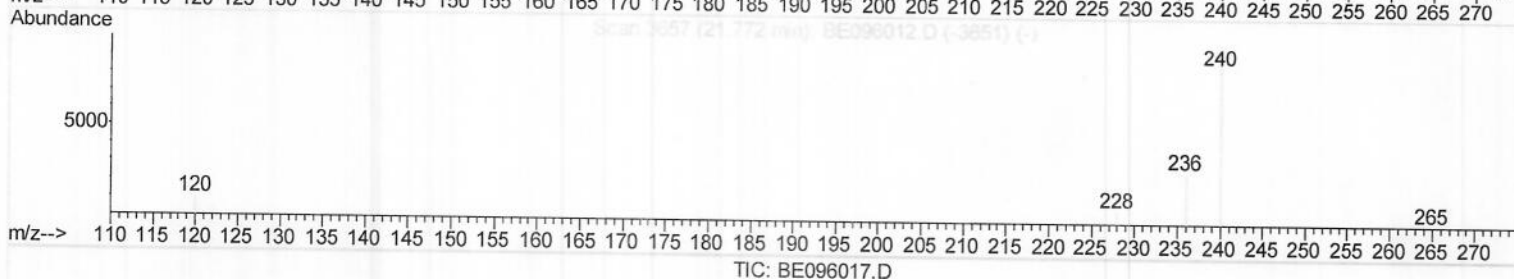
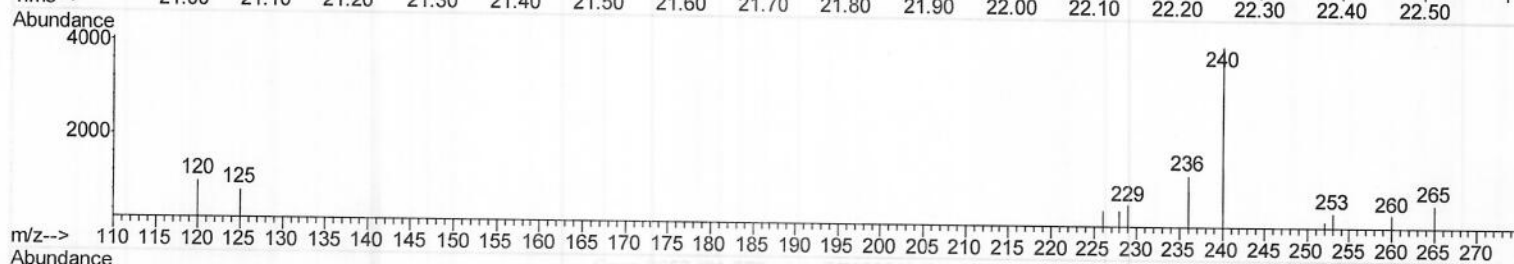
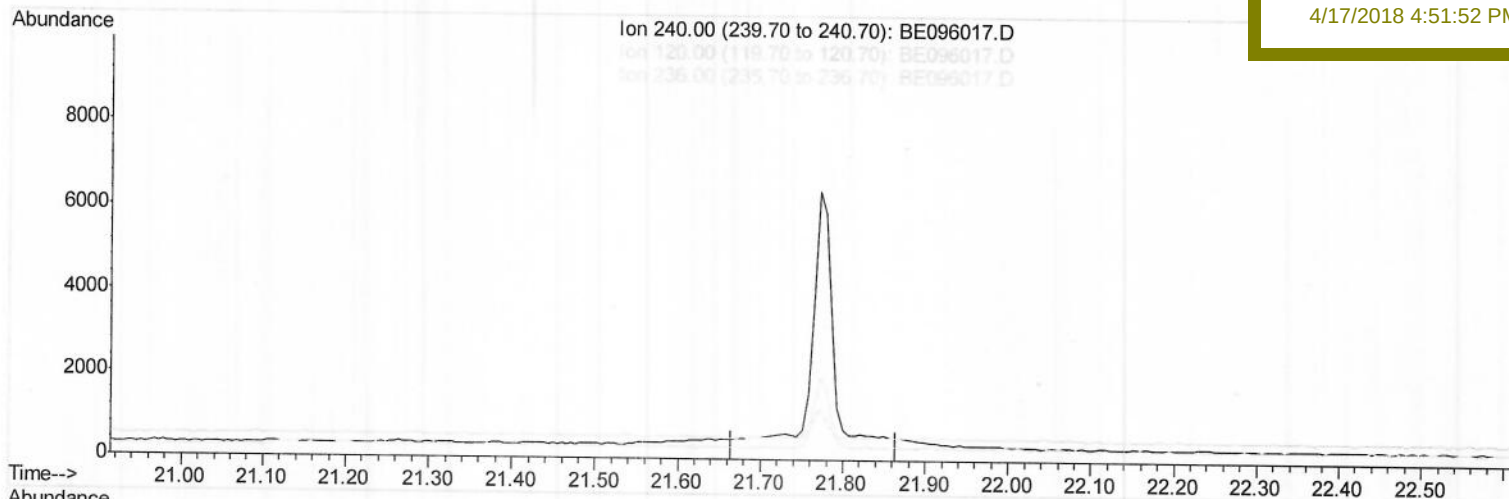
Data Path : Z:\HPCHEM1\BNA E\Data\BE041618\
 Data File : BE096017.D
 Acq On : 17 Apr 2018 2:38
 Operator : SJ/JU
 Sample : J2313-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 30 12:26:18 2018
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Instrument :
 BNA_E
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 F1A32

Manual Integrations
 APPROVED

Sohil
 4/17/2018 4:51:52 PM



(16) Chrysene-d12 (I)

21.765min (-21.765) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.60	0.00#
236.00	34.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

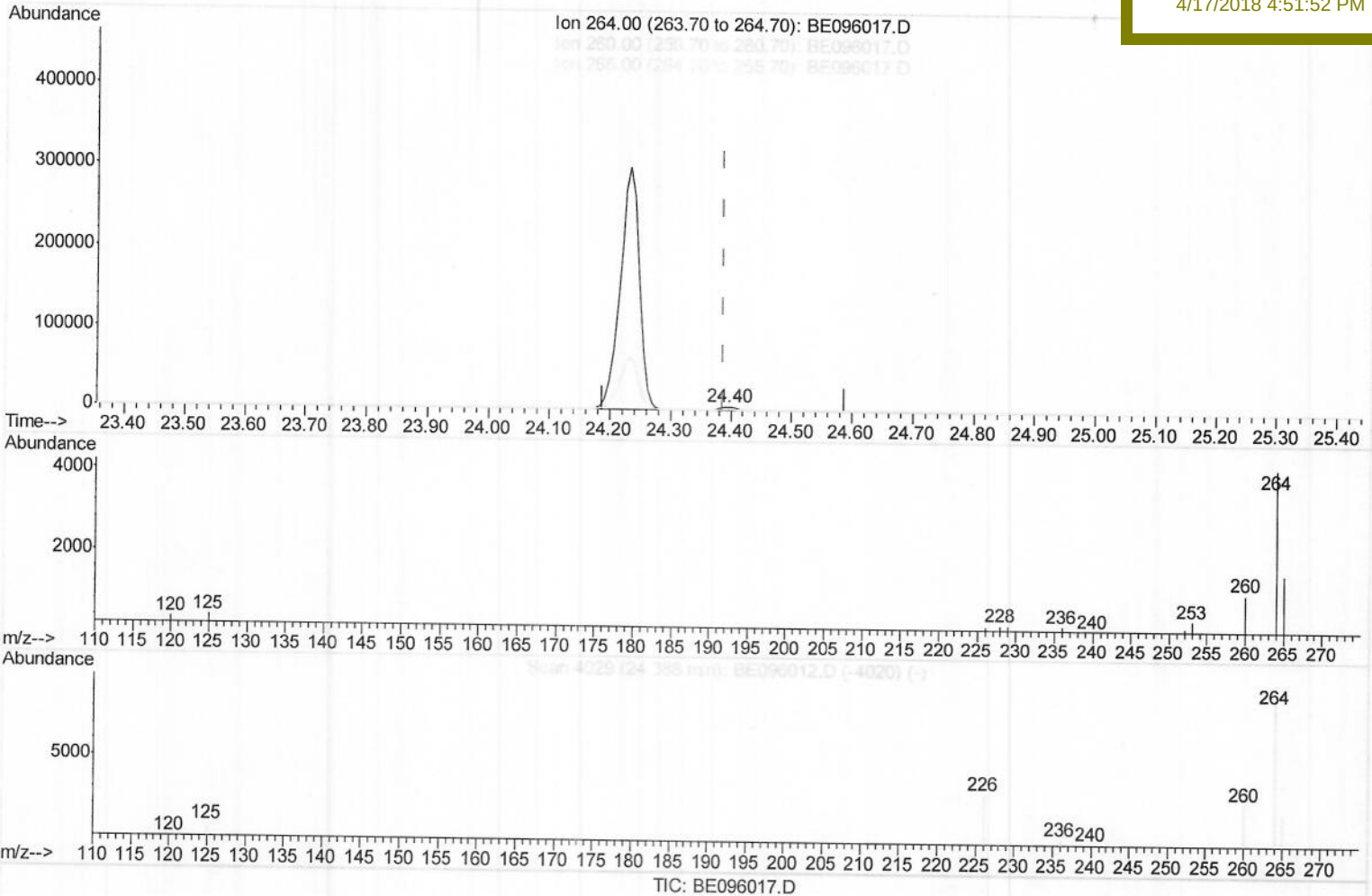
Data Path : Z:\HPCHEM1\BNA E\Data\BE041618\
 Data File : BE096017.D
 Acq On : 17 Apr 2018 2:38
 Operator : SJ/JU
 Sample : J2313-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 17 14:55:41 2018
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Instrument :
 BNA_E
 ClientSampleId :
 F1A32

Manual Integrations
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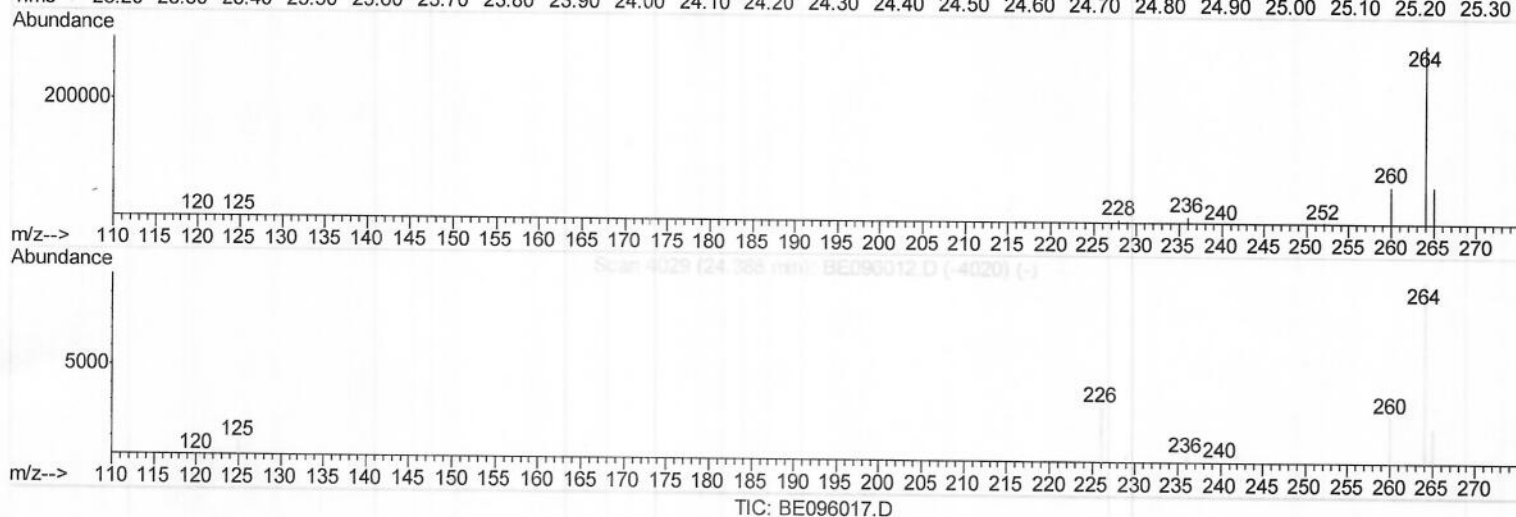
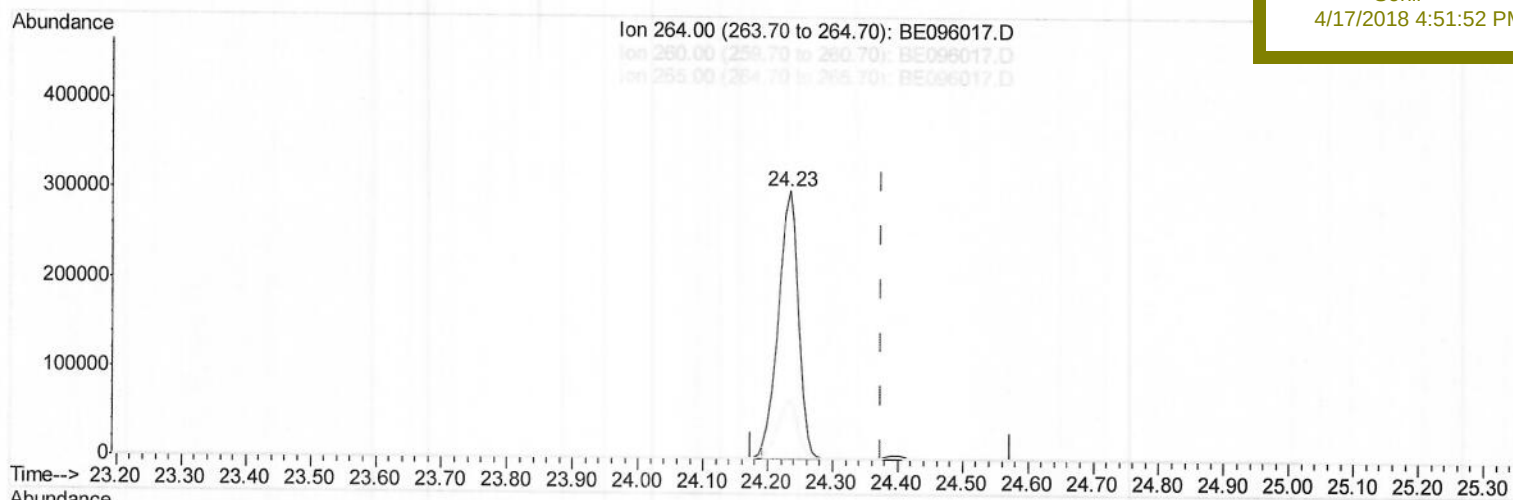
Data Path : Z:\HPCHEM1\BNA E\Data\BE041618\
Data File : BE096017.D
Acq On : 17 Apr 2018 2:38
Operator : SJ/JU
Sample : J2313-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 30 12:26:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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Instrument :
BNA_E
ClientSampleId :
F1A32

Manual Integrations
APPROVED

Sohil
4/17/2018 4:51:52 PM



(20) Perylene-d12 (I)

24.233min (-0.141) 0.40ng/ul

response 653394

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.62#
265.00	103.50	21.49#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\Data\BE041618\

Data File : BE096017.D

Acq On : 17 Apr 2018 2:38

Operator : SJ/JU

Sample : J2313-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 17 14:55:41 2018

Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 17 01:14:57 2018

Response via : Initial Calibration

Instrument :

BNA_E

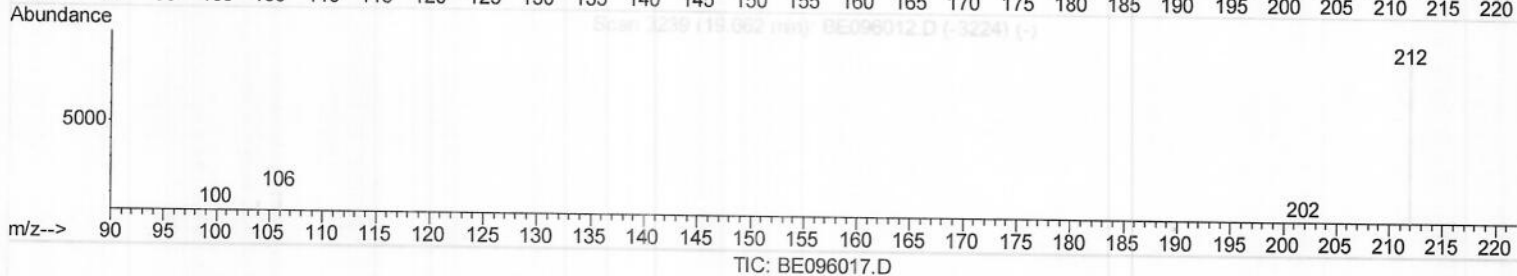
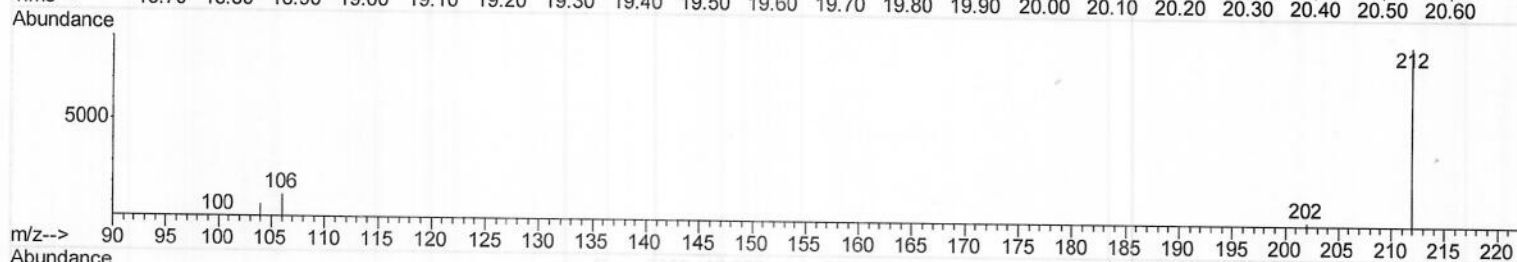
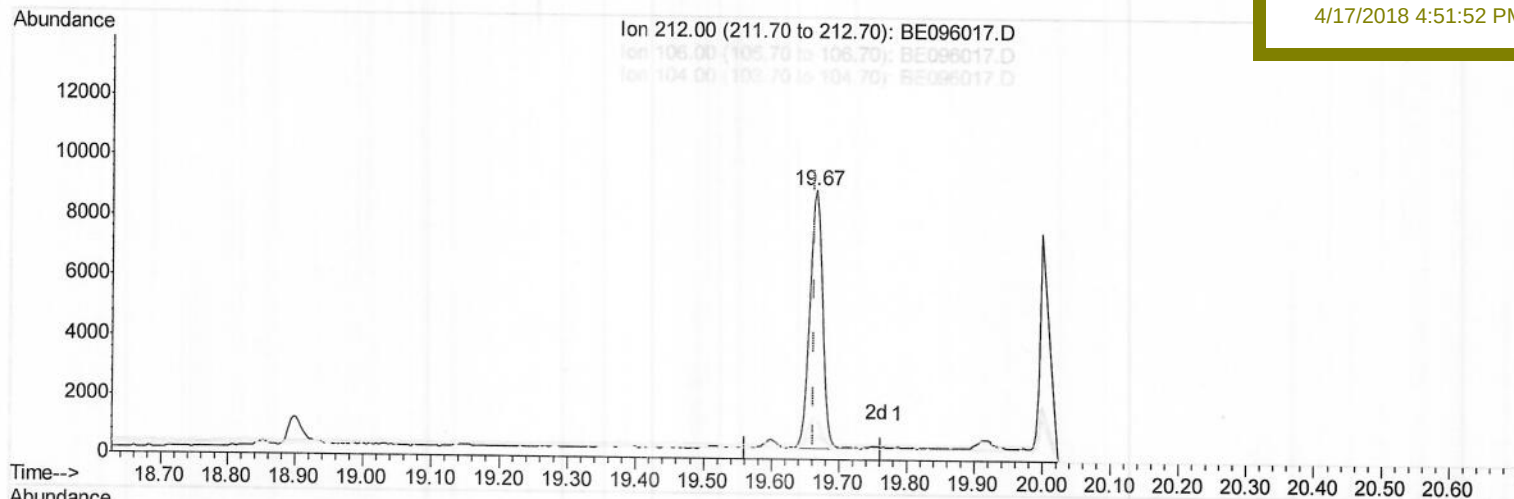
ClientSampleId :

F1A32

Manual Integrations
APPROVED

Sohil

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(14) Fluoranthene-d10 (SURR)

19.666min (+0.004) 0.31ng/ul m

response 11186

Ion Exp% Act%

212.00 100 100

106.00 18.30 0.18#

104.00 15.60 0.21#

0.00 0.00 0.00

SJ
04/21/2018

Quantitation Report (Qedit)

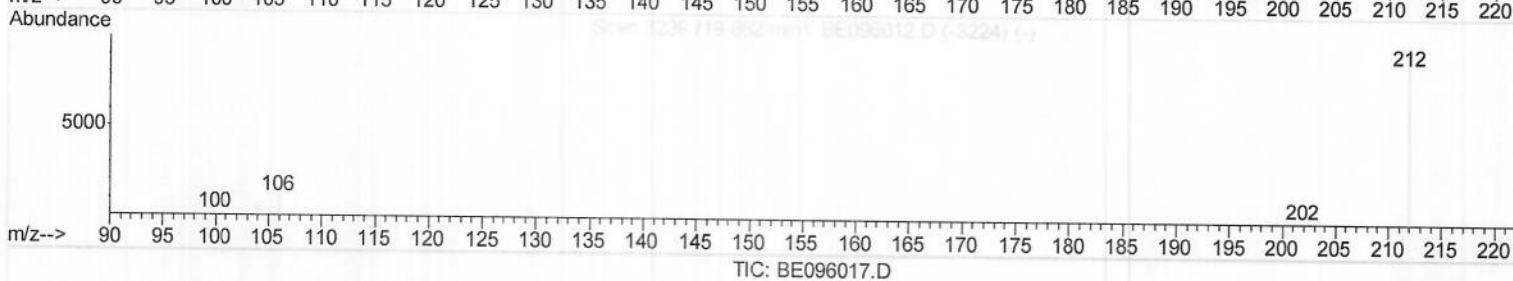
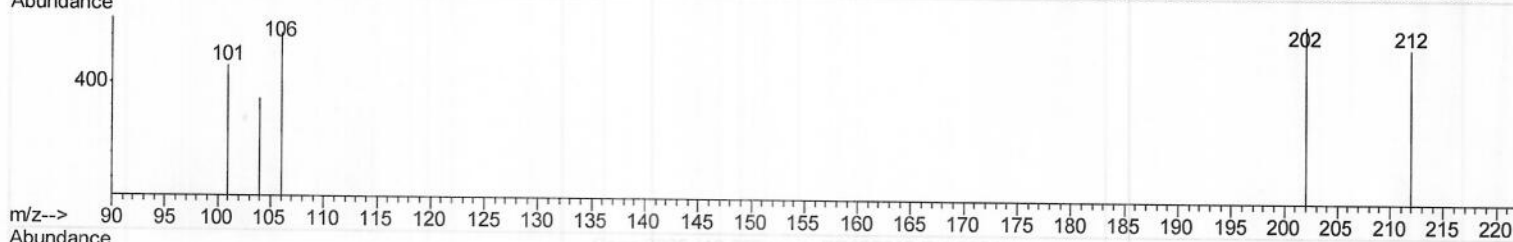
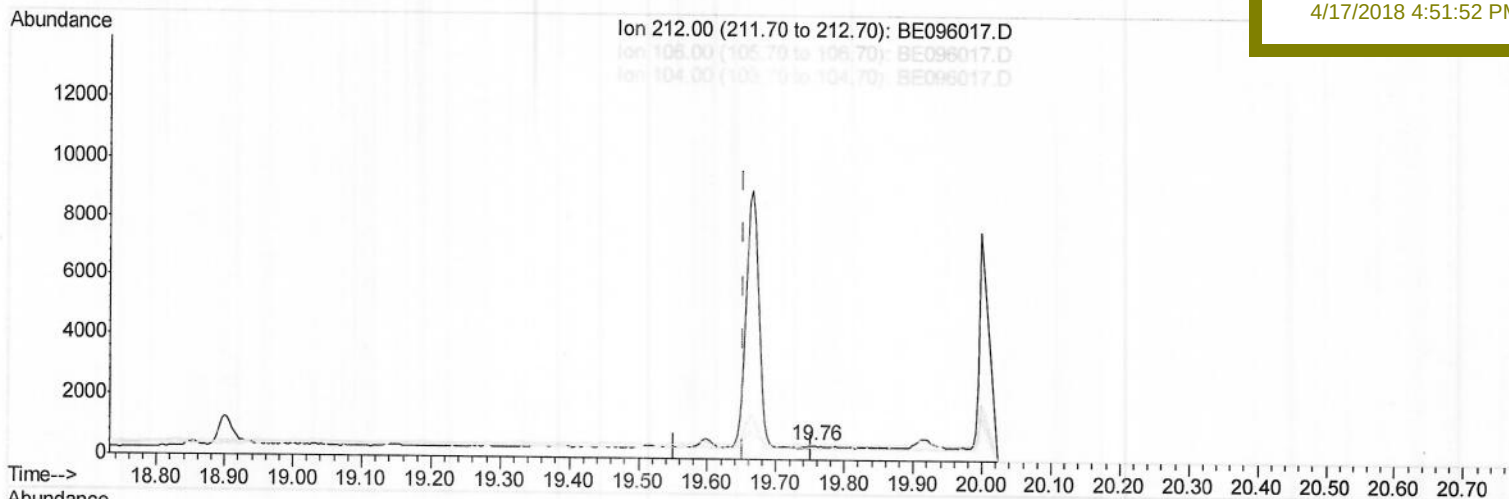
Data Path : Z:\HPCHEM1\BNA E\Data\BE041618\
 Data File : BE096017.D
 Acq On : 17 Apr 2018 2:38
 Operator : SJ/JU
 Sample : J2313-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 30 12:26:18 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 12:20:46 2018
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 F1A32

Manual Integrations
 APPROVED

Sohil
 4/17/2018 4:51:52 PM



(14) Fluoranthene-d10 (SURR)

19.755min (+0.103) 0.00ng/ul

response 113

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	17.70
104.00	15.60	11.50#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\Data\BE041618\

Data File : BE096017.D

Acq On : 17 Apr 2018 2:38

Operator : SJ/JU

Sample : J2313-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 17 14:55:41 2018

Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 17 01:14:57 2018

Response via : Initial Calibration

Instrument :

BNA_E

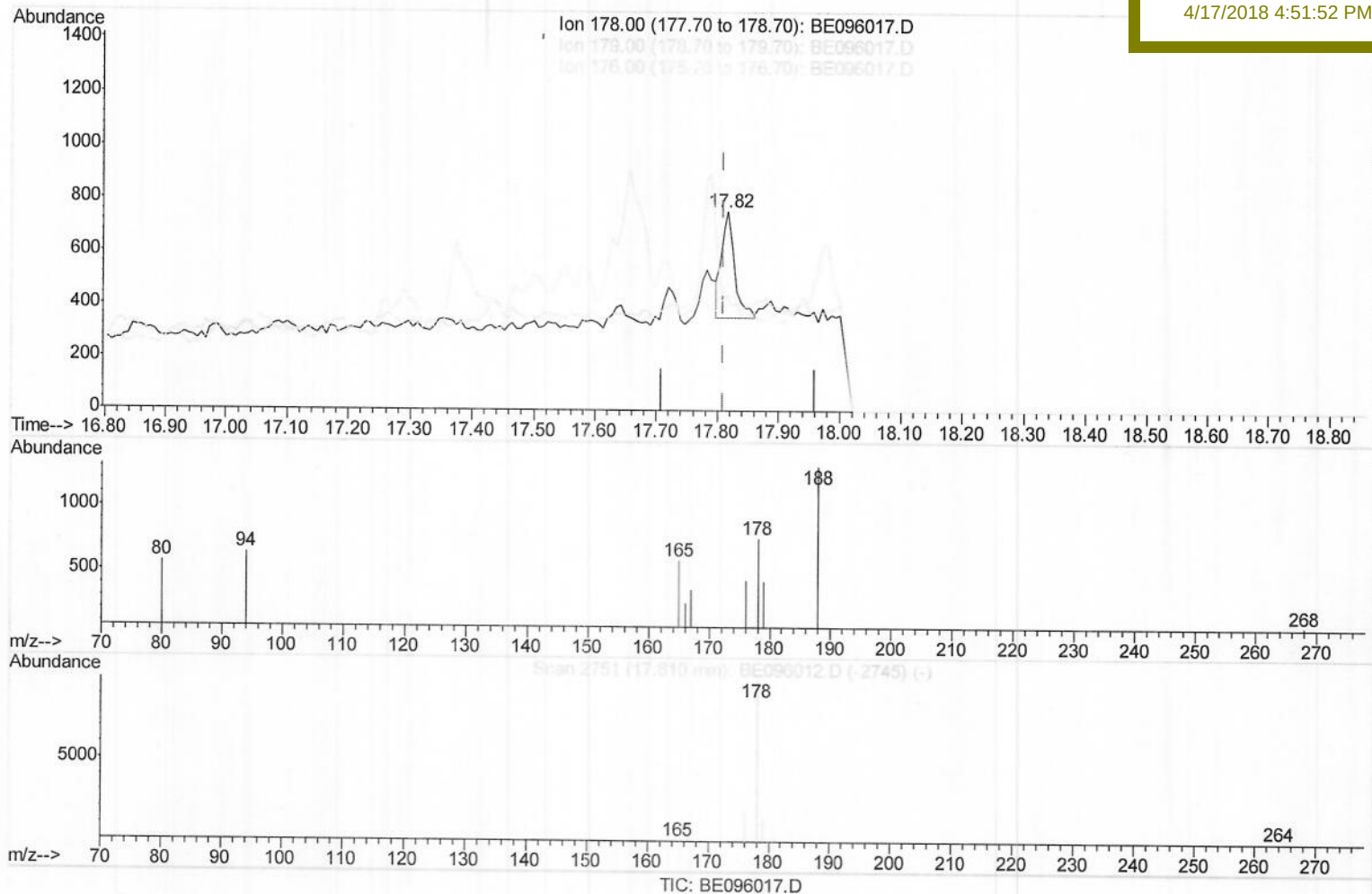
ClientSampleId :

F1A32

Manual Integrations
APPROVED

Sohil

4/17/2018 4:51:52 PM



(13) Anthracene

17.817min (+0.007) 0.02ng/ul m

response 620

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	56.01#
176.00	18.40	57.60#
0.00	0.00	0.00

SJ
04/21/2018

Data Path : Z:\HPCHEM1\BNA E\Data\BE041618\

Data File : BE096017.D

Acq On : 17 Apr 2018 2:38

Operator : SJ/JU

Sample : J2313-07

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 30 12:26:18 2018

Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 30 12:20:46 2018

Response via : Initial Calibration

Instrument :

BNA_E

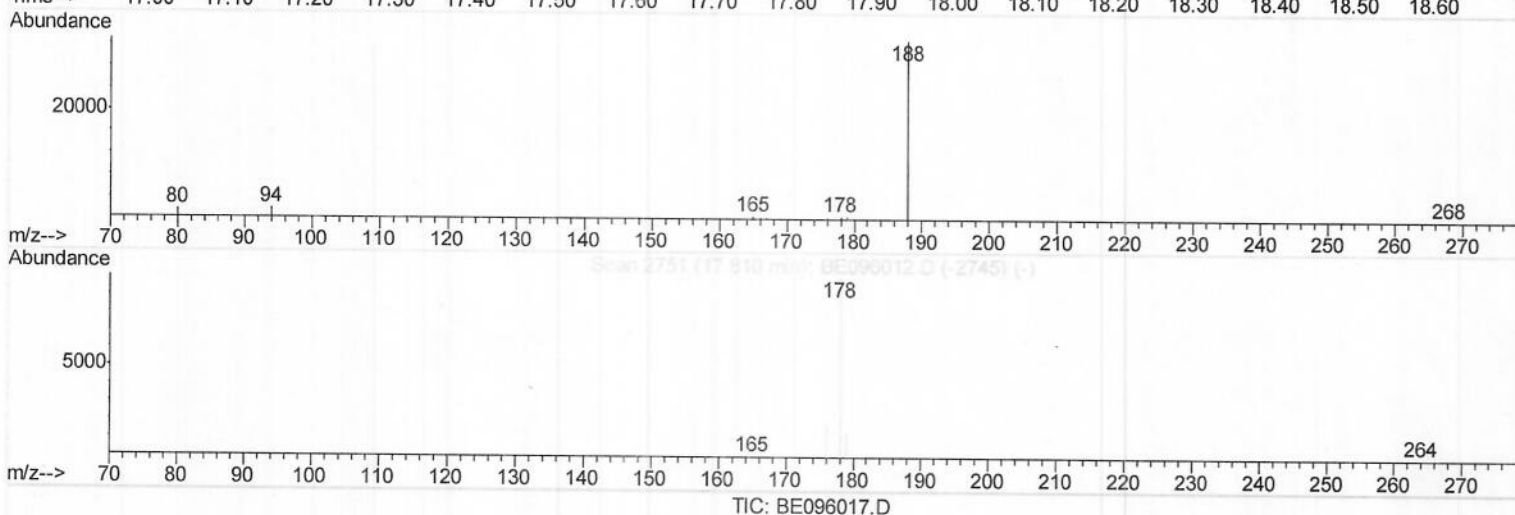
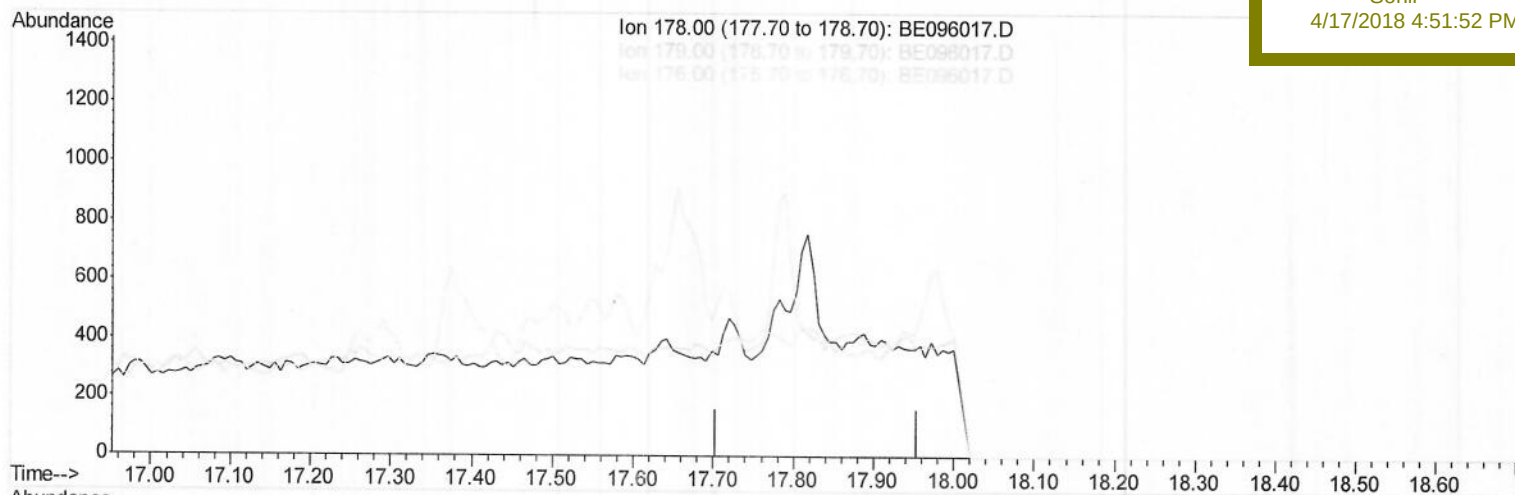
ClientSampleId :

F1A32

Manual Integrations
APPROVED

Sohil

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(13) Anthracene

17.804min (-17.804) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	22.60	0.00#
176.00	18.40	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\Data\BE041618\

Data File : BE096017.D

Acq On : 17 Apr 2018 2:38

Operator : SJ/JU

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Misc :

ALS Vial : 18 Sample Multiplier: 1

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BNA_E

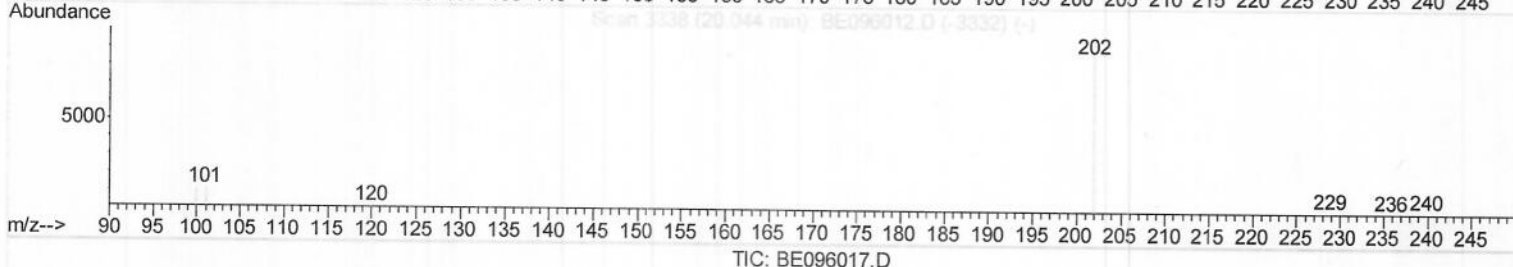
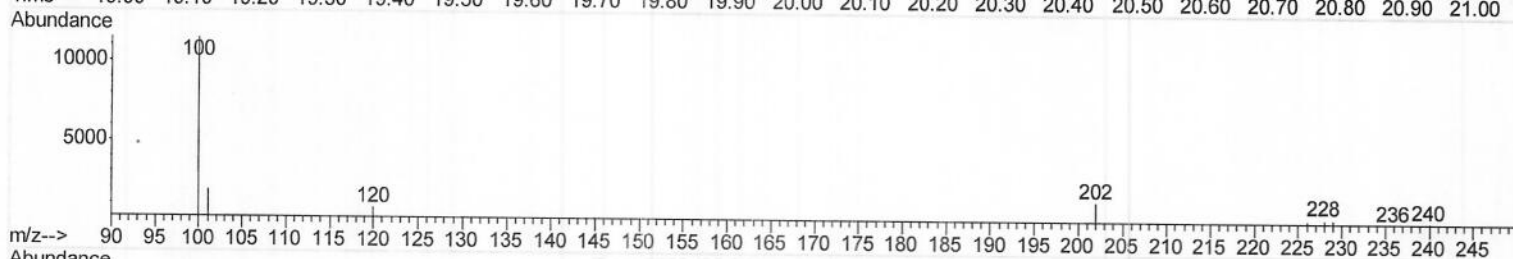
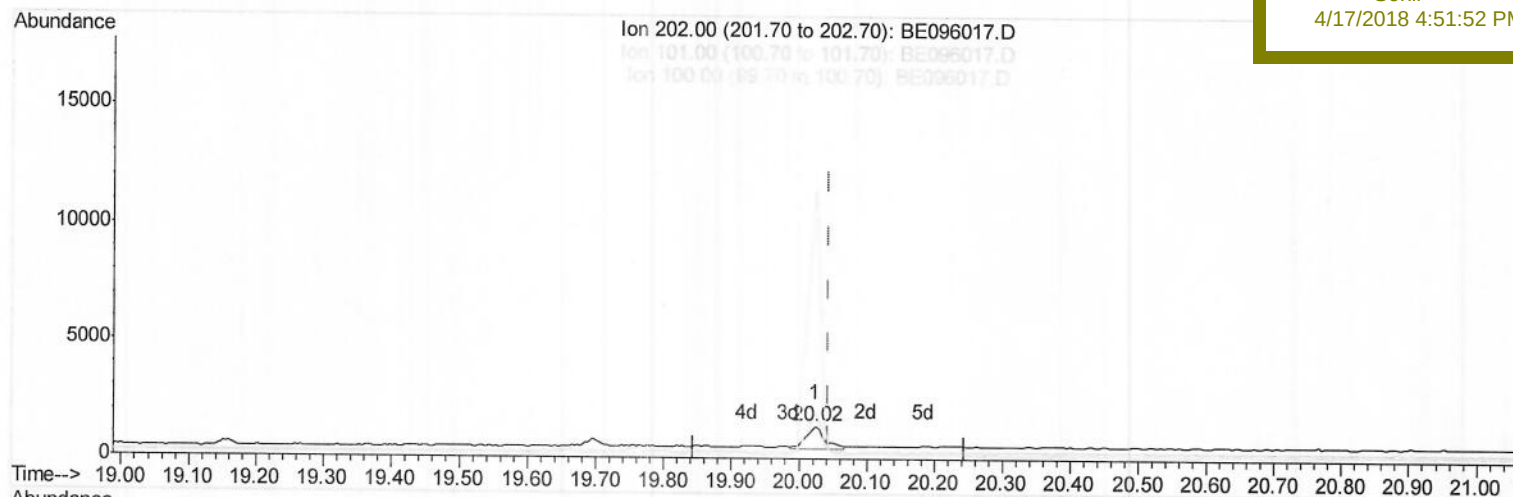
ClientSampleId :

F1A32

Manual Integrations
APPROVED

Sohil

4/17/2018 4:51:52 PM



(17) Pyrene

20.024min (-0.021) 0.05ng/ul m

response 1455

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	134.49#
100.00	19.50	829.71#
0.00	0.00	0.00

SJ

04/21/2018

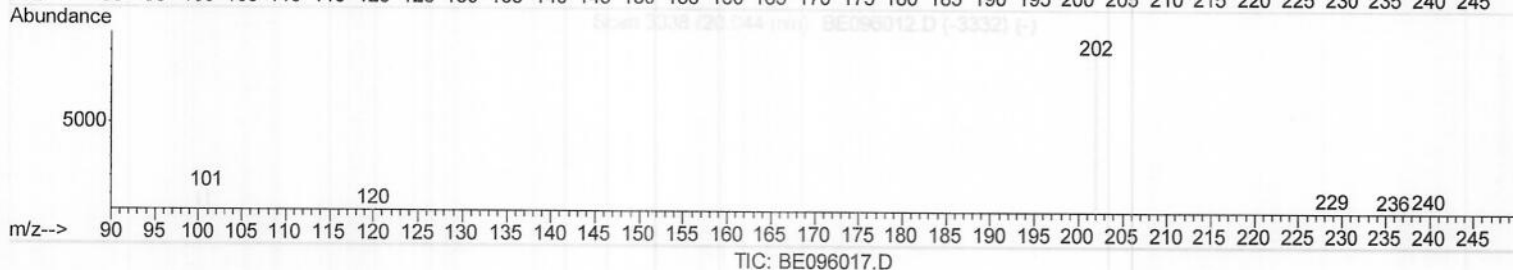
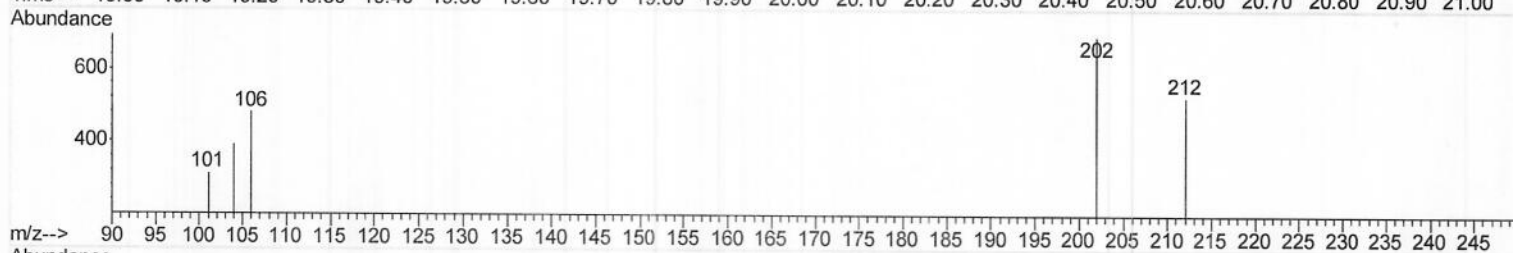
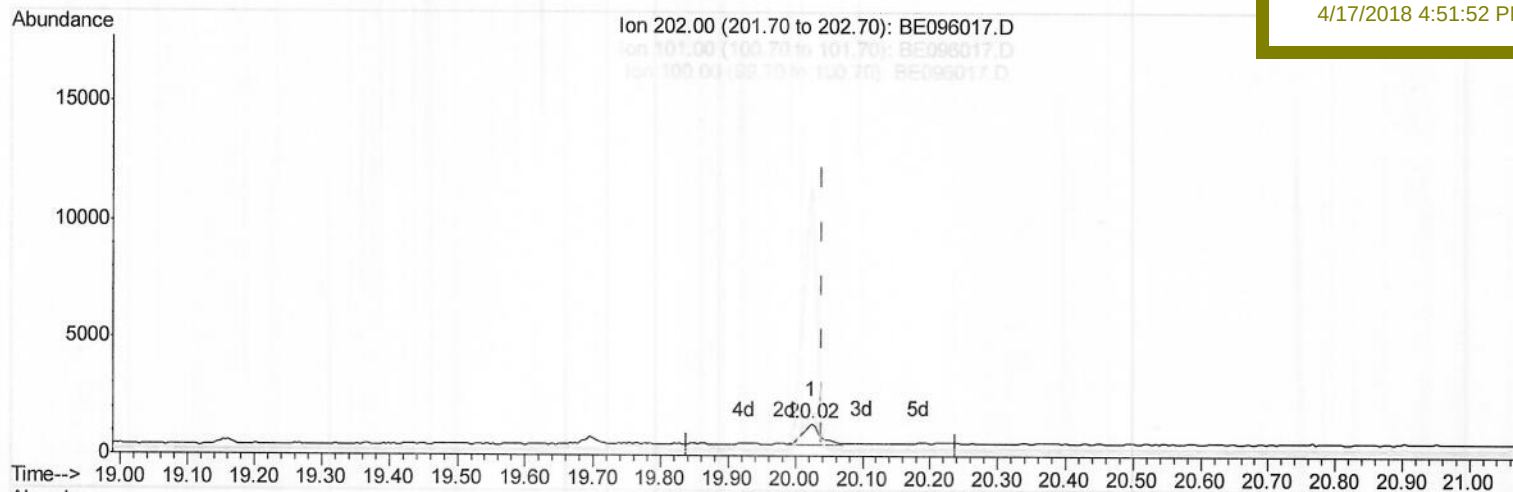
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Manual Integrations
APPROVED

Sohil
4/17/2018 4:51:52 PM



(17) Pyrene

20.024min (-0.016) 0.00ng/ul

response 1201

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	134.49#
100.00	19.50	829.71#
0.00	0.00	0.00

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Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	2286	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	6554	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3775	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	8712m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	8325m	0.40	ng/ul	0.00
20) Perylene-d12	24.40	264	7725m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.77	152	4261	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.67	212	11186m	0.31	ng/ul	0.00
Target Compounds						
13) Anthracene	17.82	178	620m	0.024	ng/ul	Ovalue
17) Pyrene	20.02	202	1455m	0.051	ng/ul	

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

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04/21/2018