

Quantitation Report (QT Reviewed)

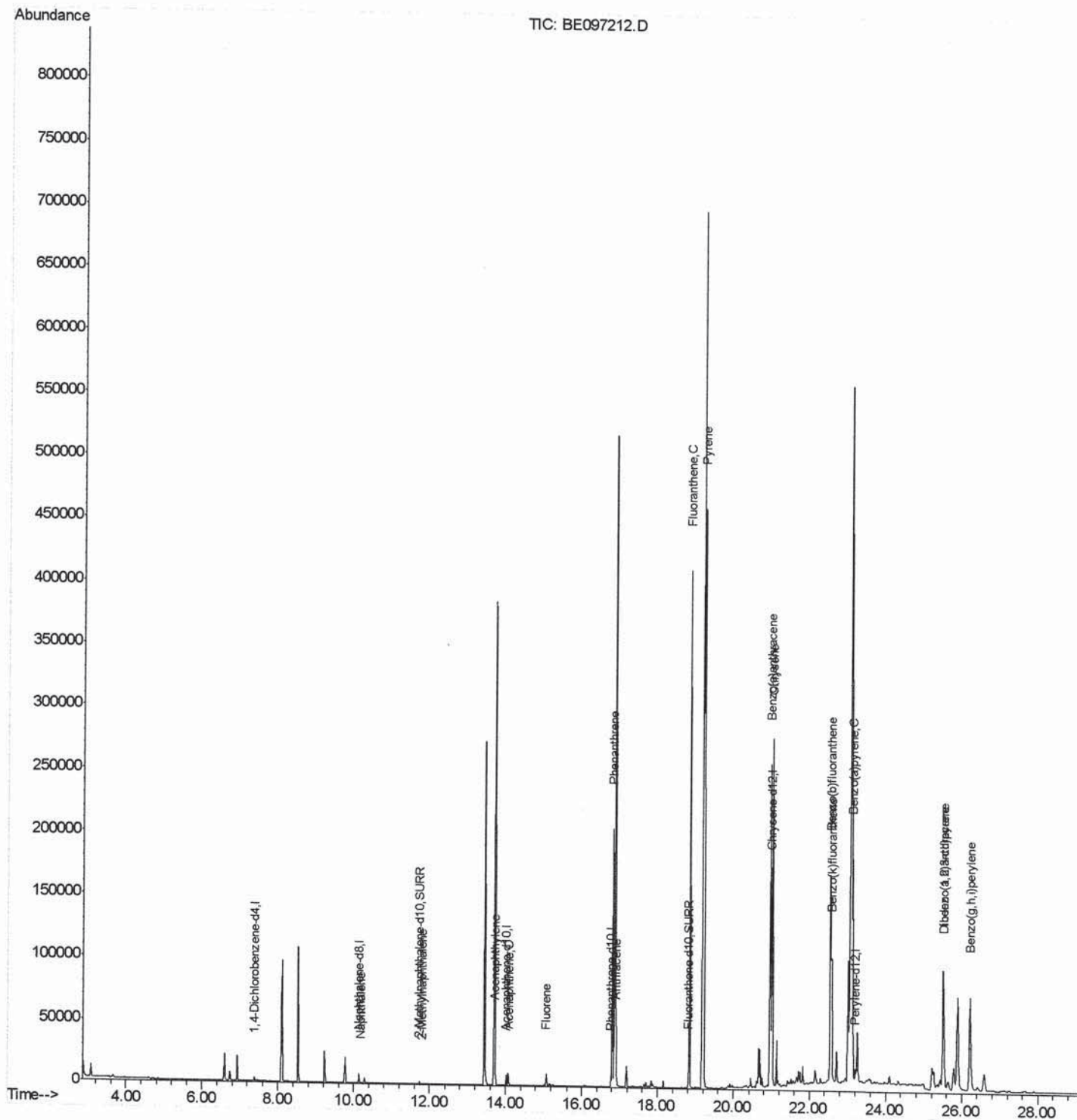
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097212.D
 Acq On : 4 Aug 2018 22:21
 Operator : SJ/JU
 Sample : J4206-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K9

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:59 PM

Quant Time: Aug 06 04:20:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 03:46:27 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

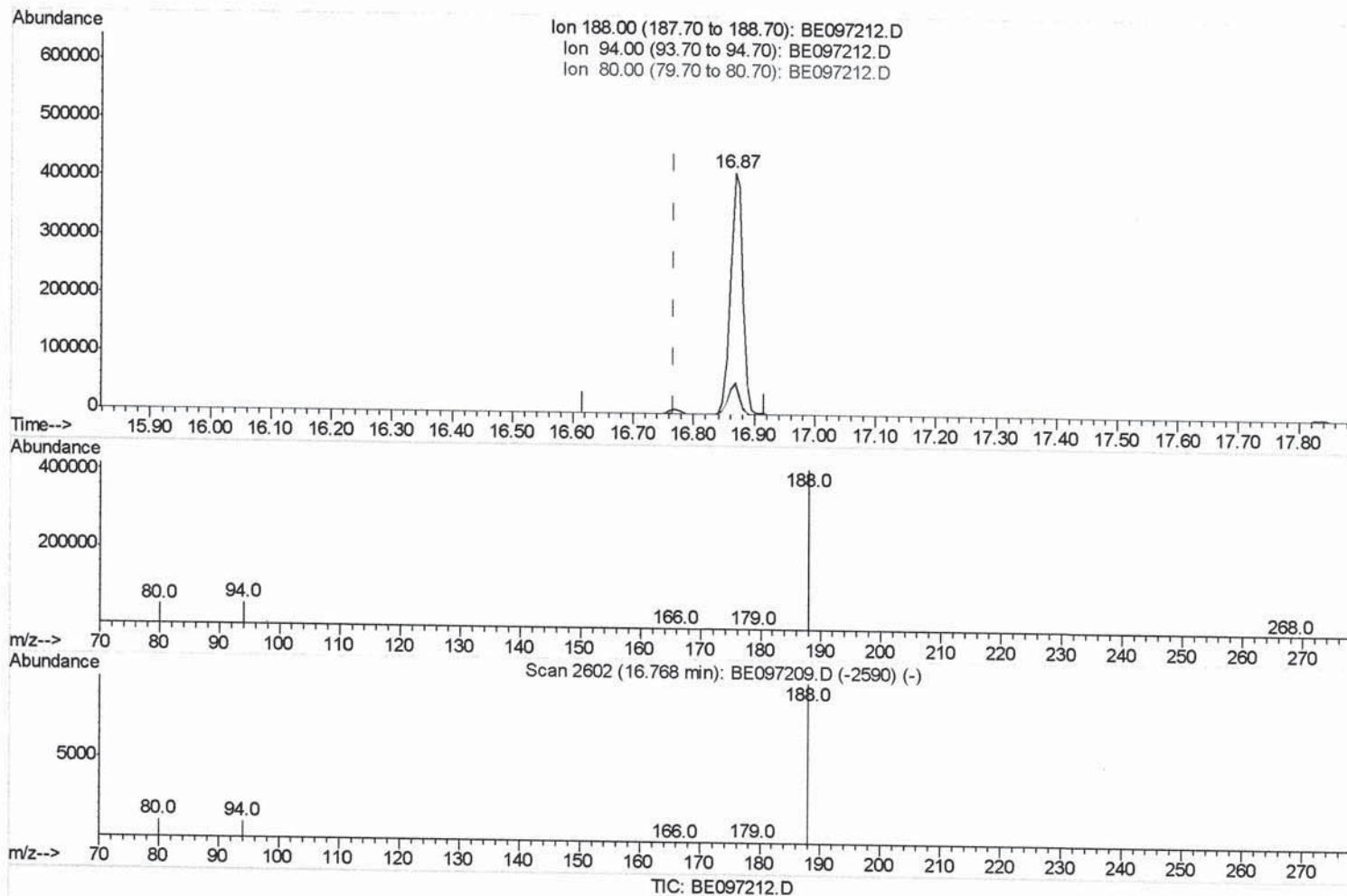
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
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Acq On : 4 Aug 2018 22:21
Operator : SJ/JU
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Instrument :
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Manual Integrations
APPROVED

Sohil
8/6/2018 12:50:59 PM

Quant Time: Aug 06 03:51:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 03:46:27 2018
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(10) Phenanthrene-d10 (I)

16.867min (+0.099) 0.40ng/ul

response 595360

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.05
80.00	11.80	12.07
0.00	0.00	0.00

Quantitation Report (Qedit)

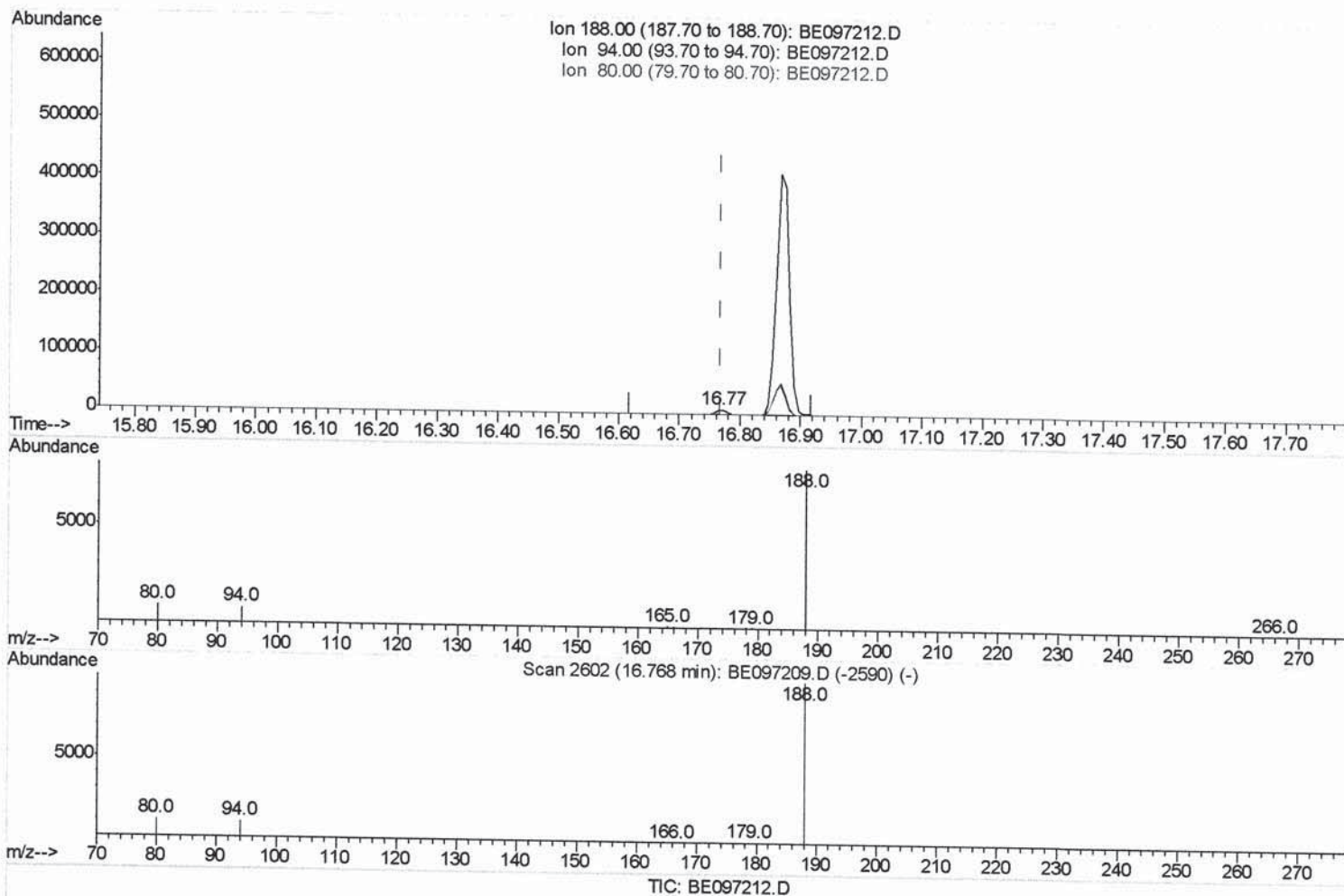
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(10) Phenanthrene-d10 (I)

16.769min (+0.001) 0.40ng/ul m

SJ 8/7/18

response 11377

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.37
80.00	11.80	11.43
0.00	0.00	0.00

Quantitation Report (Qedit)

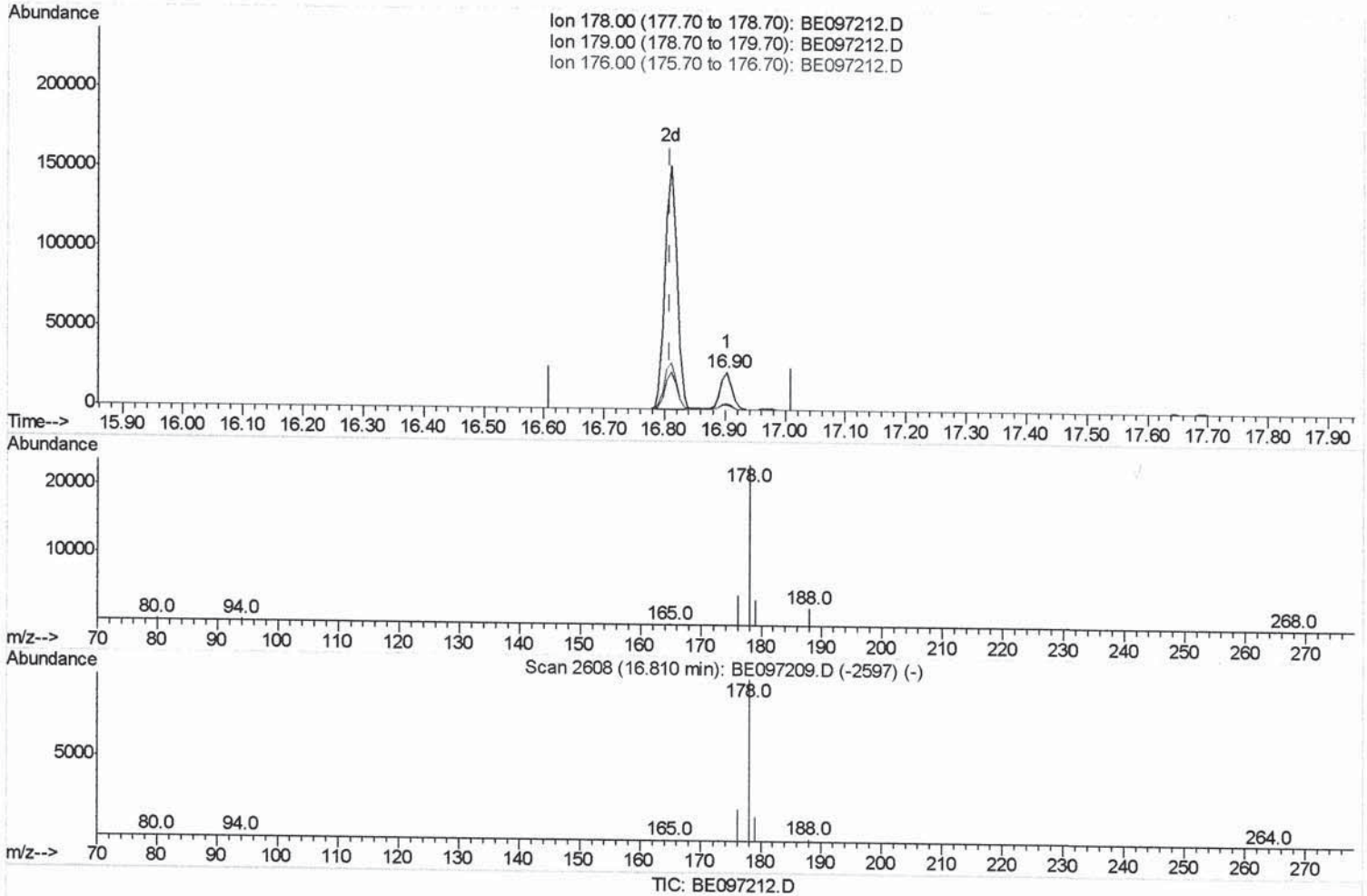
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Sohil
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Quant Time: Aug 06 04:14:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(12) Phenanthrene

16.902min (+0.092) 1.06ng/ul

response 30781

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	15.96#
176.00	17.00	18.62
0.00	0.00	0.00

Quantitation Report (Qedit)

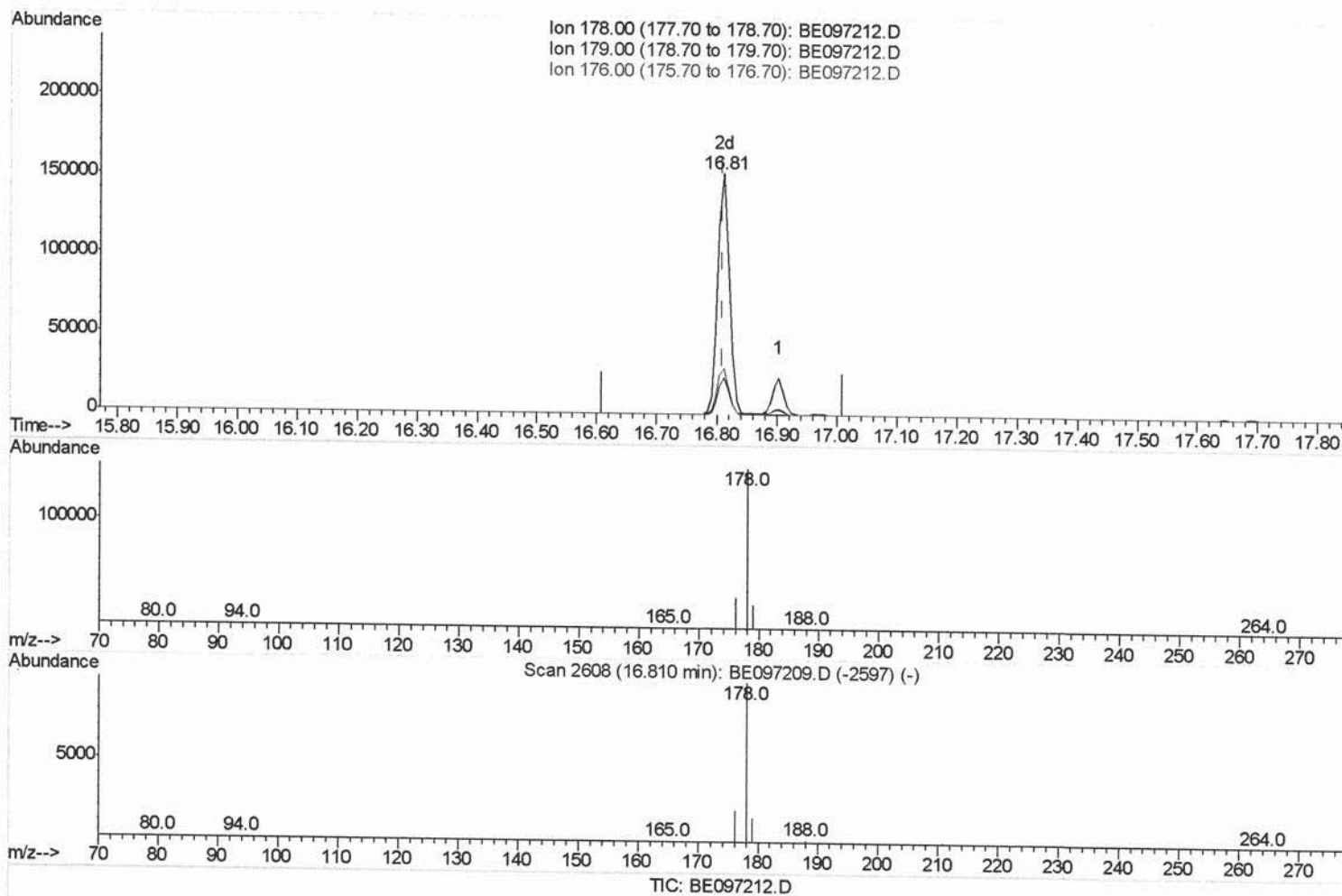
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(12) Phenanthrene

16.811min (+0.001) 7.08ng/ul m

SJ 8/7/18

response 205376

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	15.43#
176.00	17.00	19.25
0.00	0.00	0.00

Quantitation Report (Qedit)

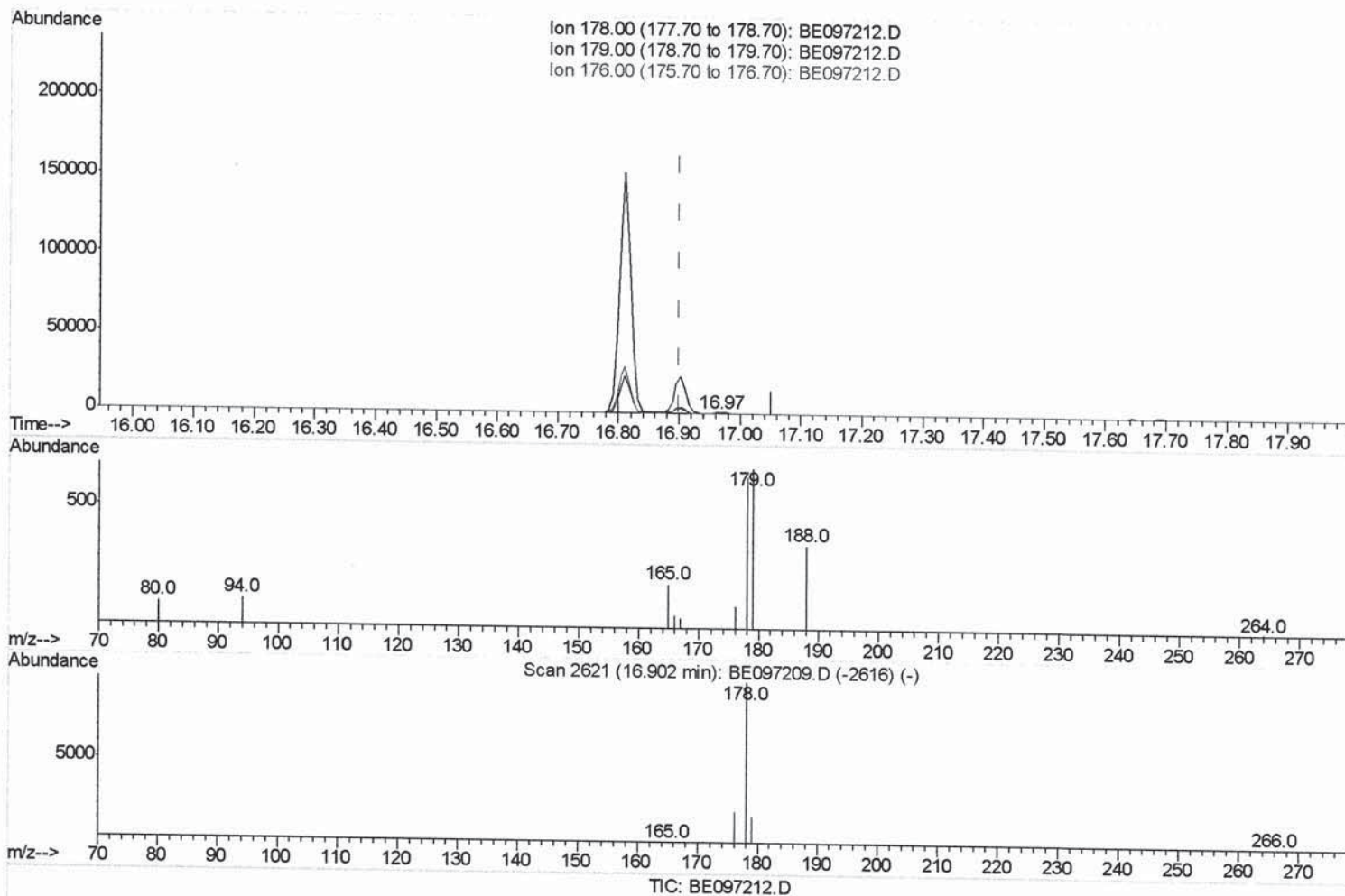
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
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ClientSampleId :
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Manual Integrations
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Quant Time: Aug 06 04:14:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 03:46:27 2018
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(13) Anthracene

16.966min (+0.064) 0.03ng/ul

response 690

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	104.99#
176.00	18.40	20.93
0.00	0.00	0.00

Quantitation Report (Qedit)

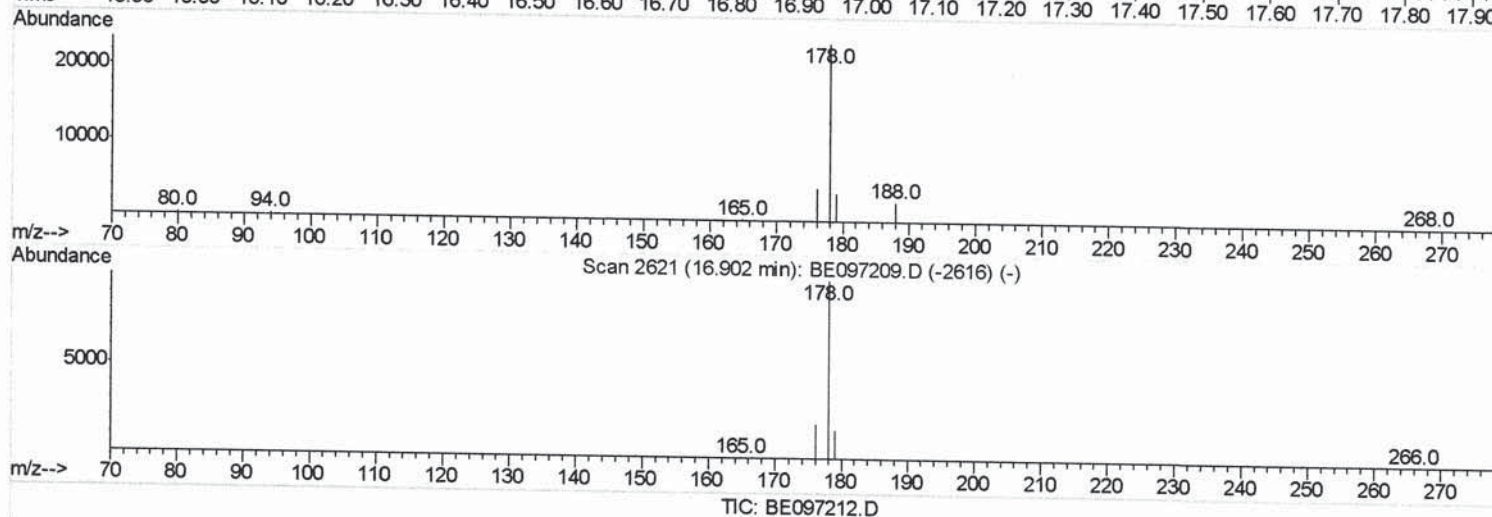
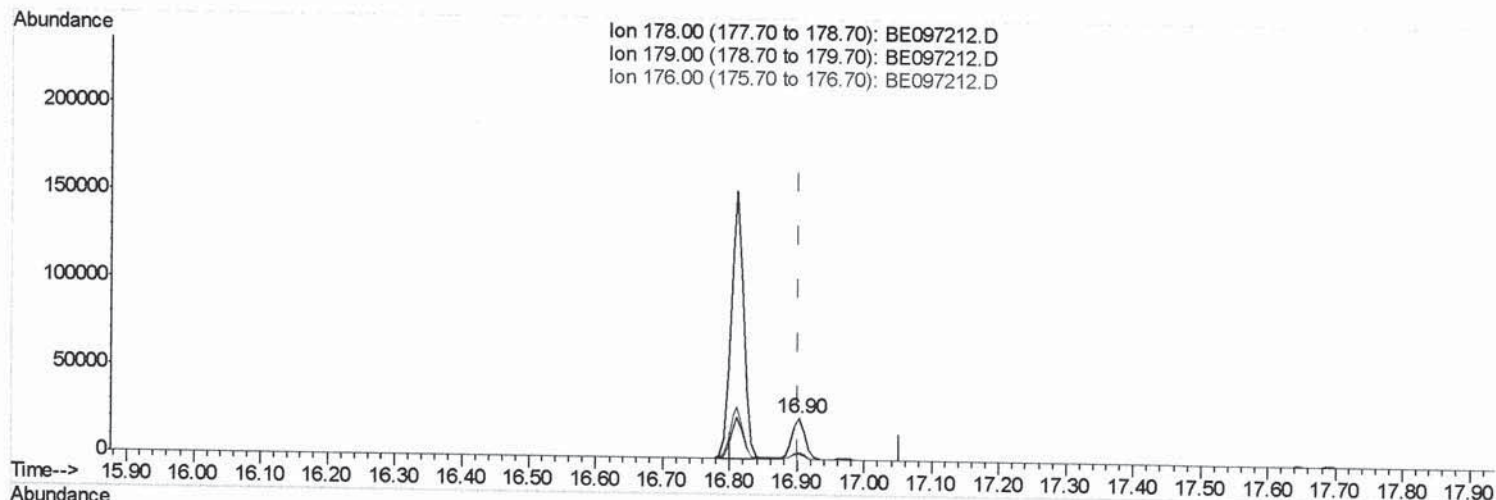
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(13) Anthracene

16.902min (+0.001) 1.12ng/ul m

response 30237

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	15.96#
176.00	18.40	18.62
0.00	0.00	0.00

Quantitation Report (Qedit)

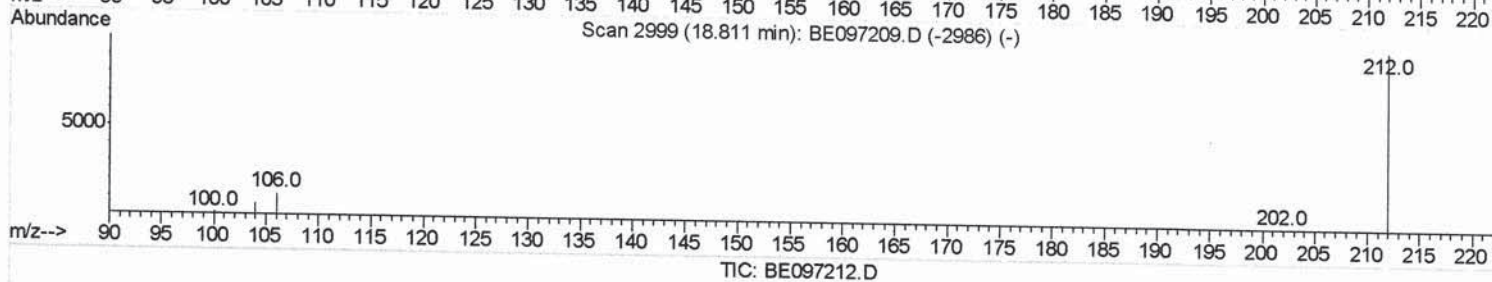
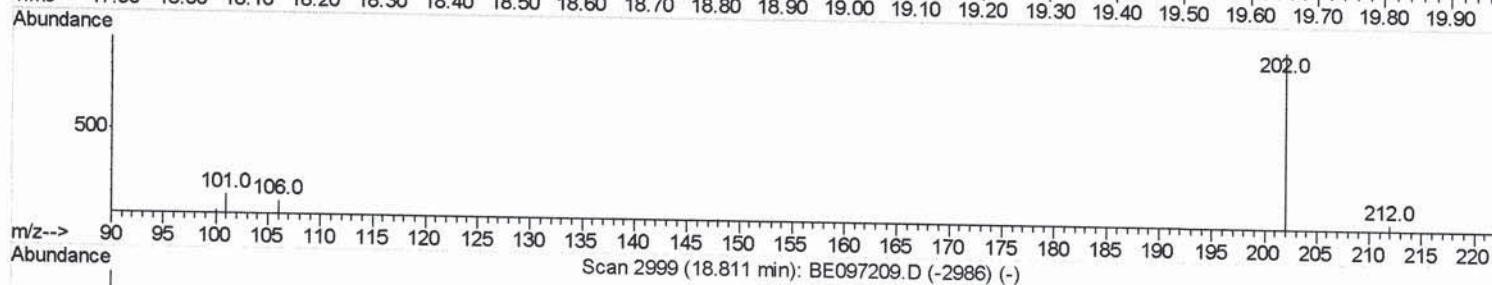
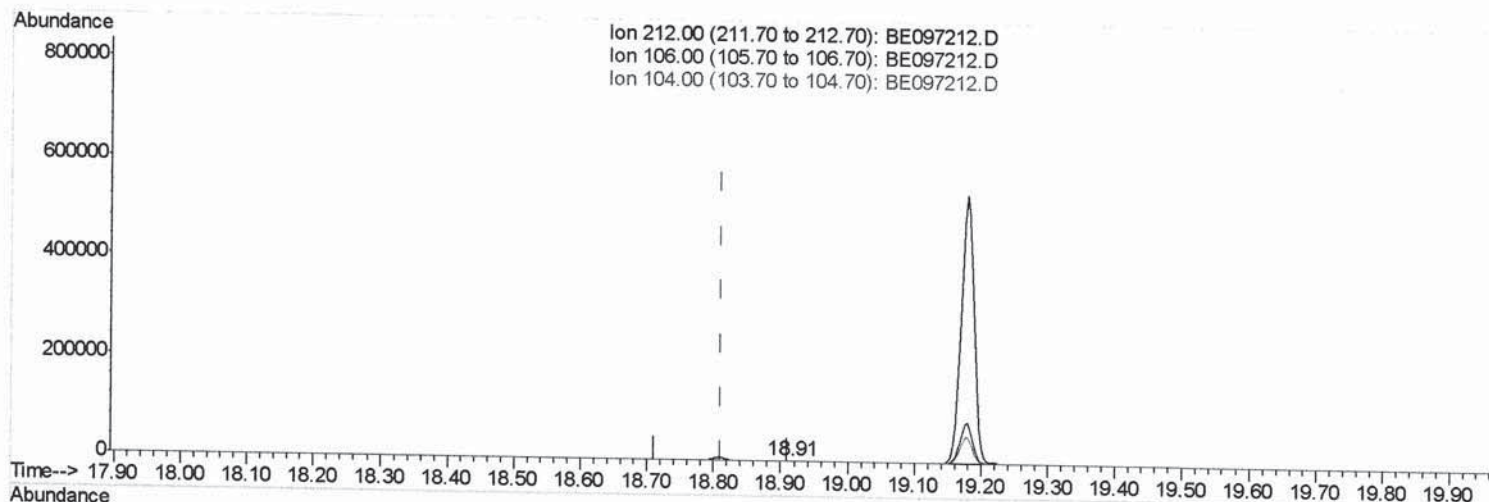
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Manual Integrations
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(14) Fluoranthene-d10 (SURR)

18.915min (+0.104) 0.00ng/ul

response 75

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	72.00#
104.00	15.60	26.67#
0.00	0.00	0.00

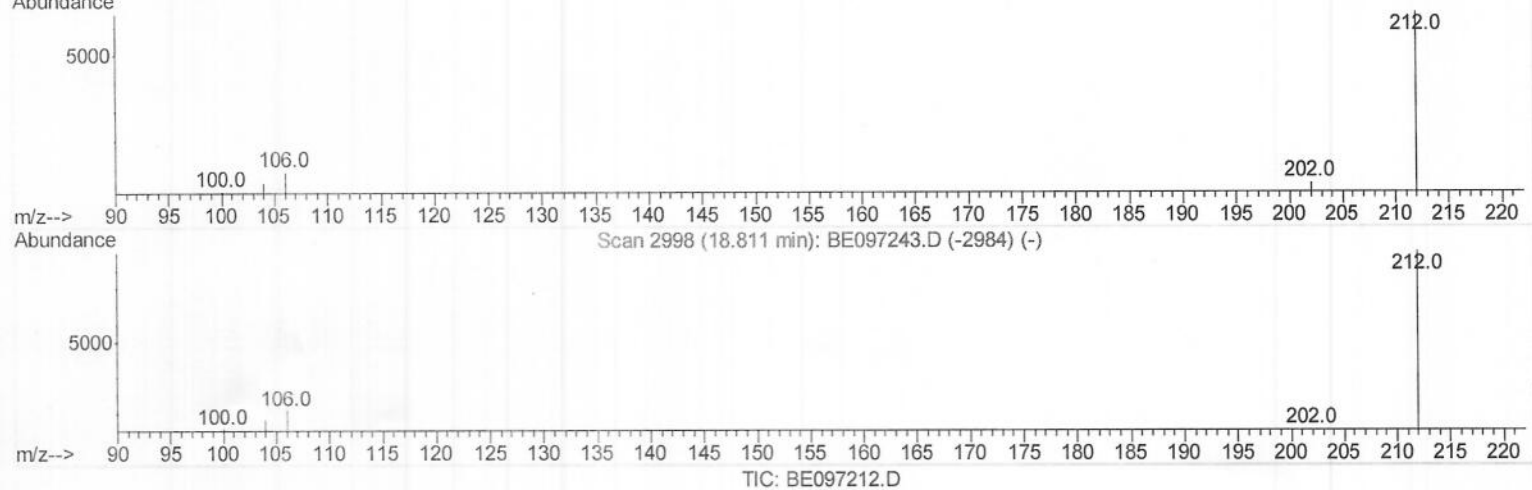
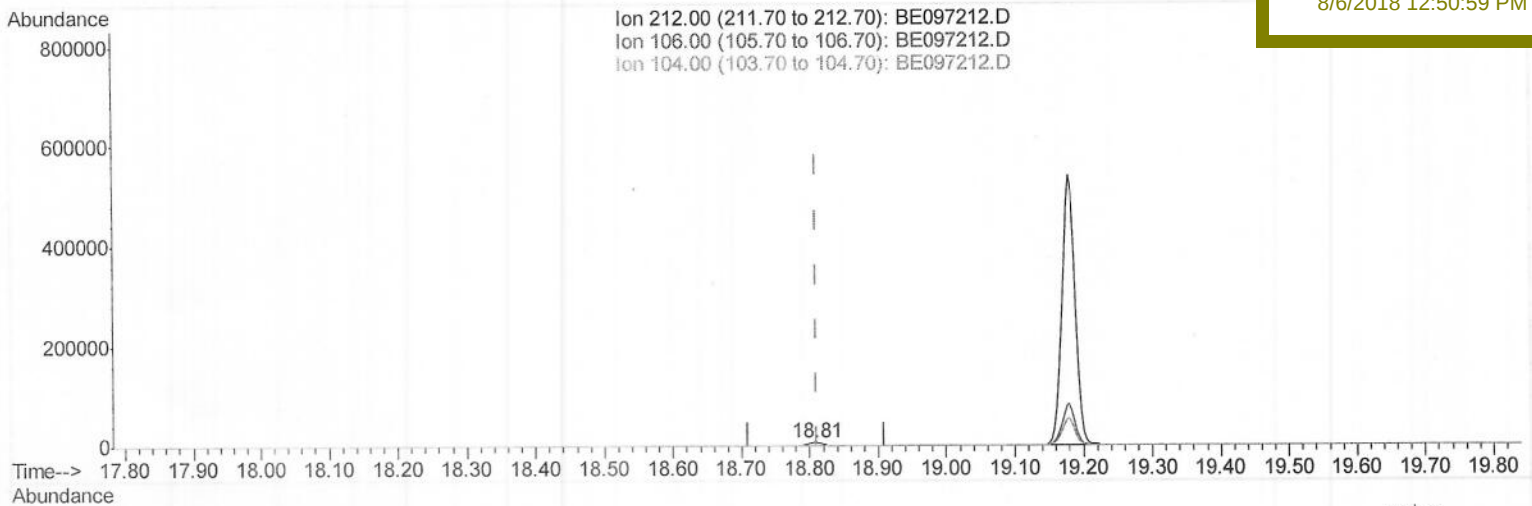
Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE080418\
Data File : BE097212.D
Acq On : 4 Aug 2018 22:21
Operator : SJ/JU
Sample : J4206-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

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BNA_E
ClientSampleId :
JJ1K9

Manual Integrations
APPROVED

Sohil
8/6/2018 12:50:59 PM



(14) Fluoranthene-d10 (SURR)

18.808min (-0.003) 0.23ng/ul m

response 8810

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.61#
104.00	15.60	0.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

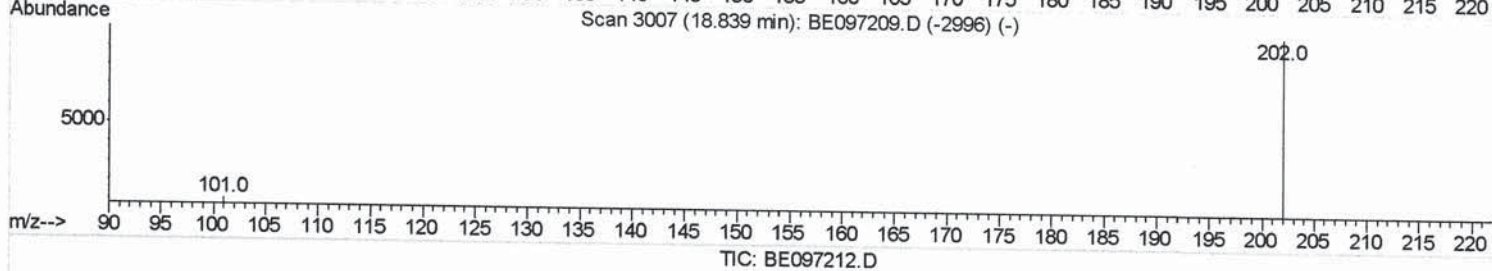
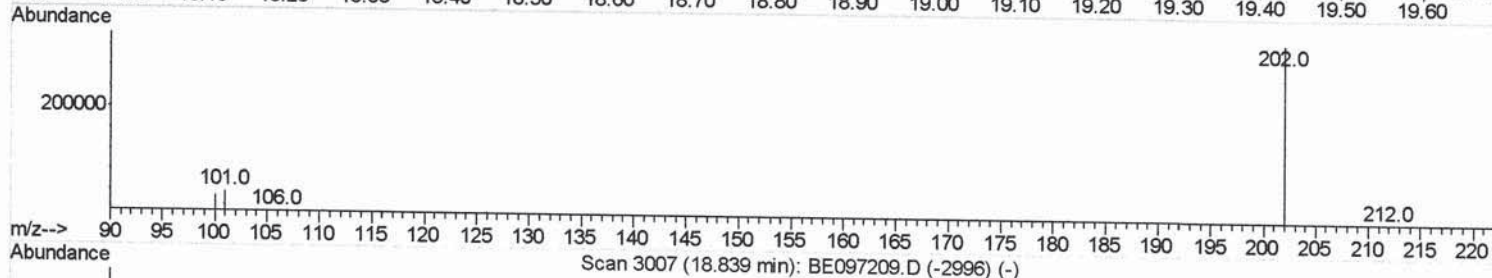
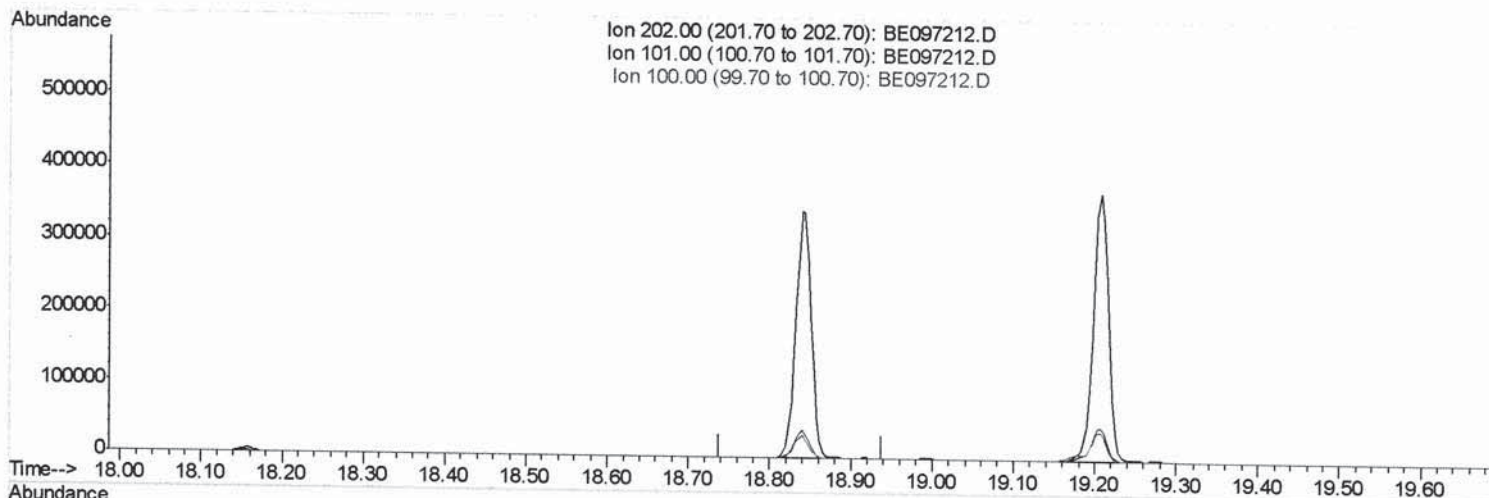
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097212.D
 Acq On : 4 Aug 2018 22:21
 Operator : SJ/JU
 Sample : J4206-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(15) Fluoranthene (C)

18.839min (-18.839) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.30	0.00
100.00	19.50	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

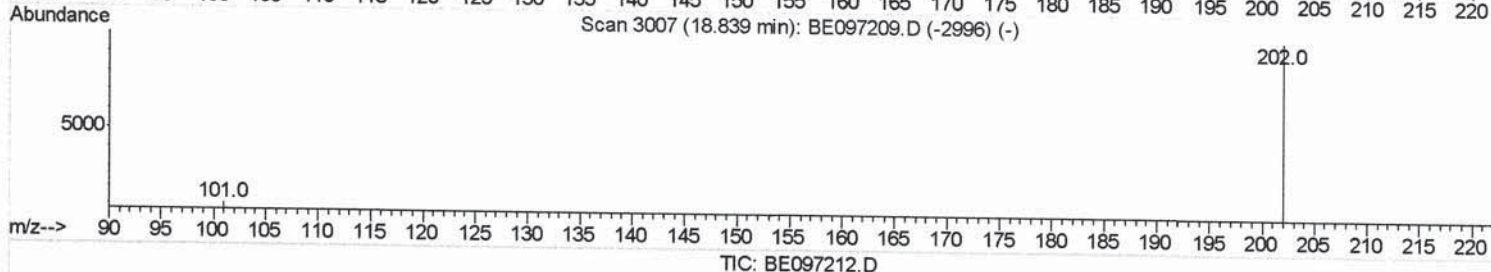
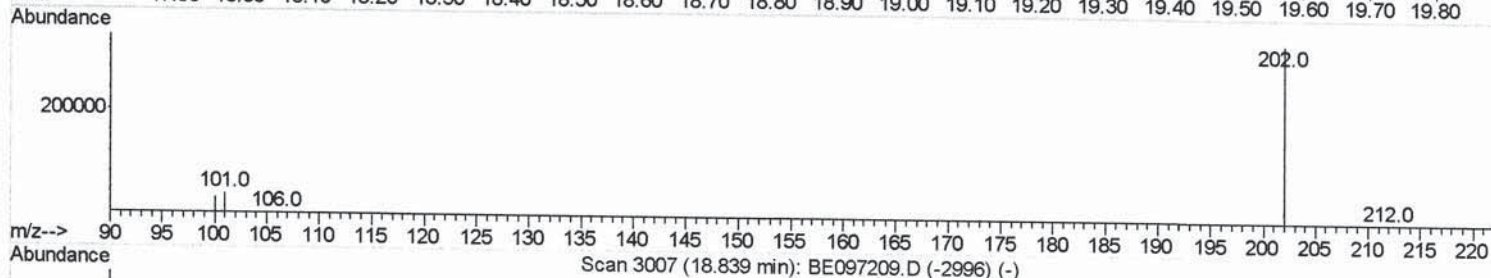
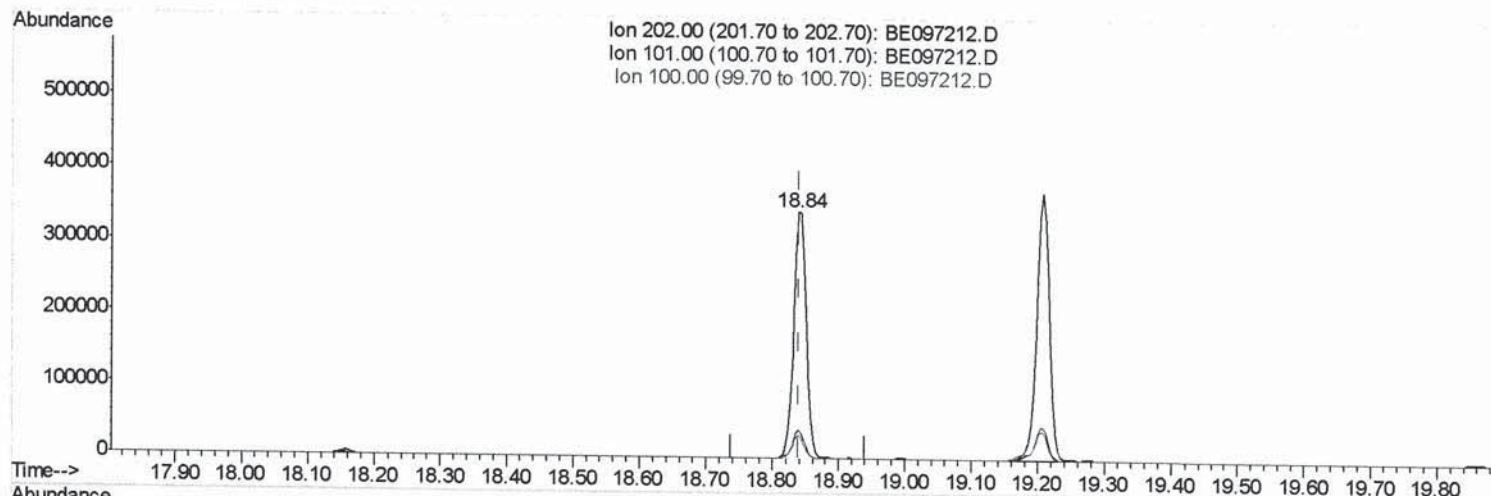
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097212.D
 Acq On : 4 Aug 2018 22:21
 Operator : SJ/JU
 Sample : J4206-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K9

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:59 PM

Quant Time: Aug 06 04:15:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
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TIC: BE097212.D

(15) Fluoranthene (C)

18.840min (+0.000) 11.90ng/ul m

SJ 8/7/18

response 456377

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	11.32
100.00	19.50	9.15
0.00	0.00	0.00

Quantitation Report (Qedit)

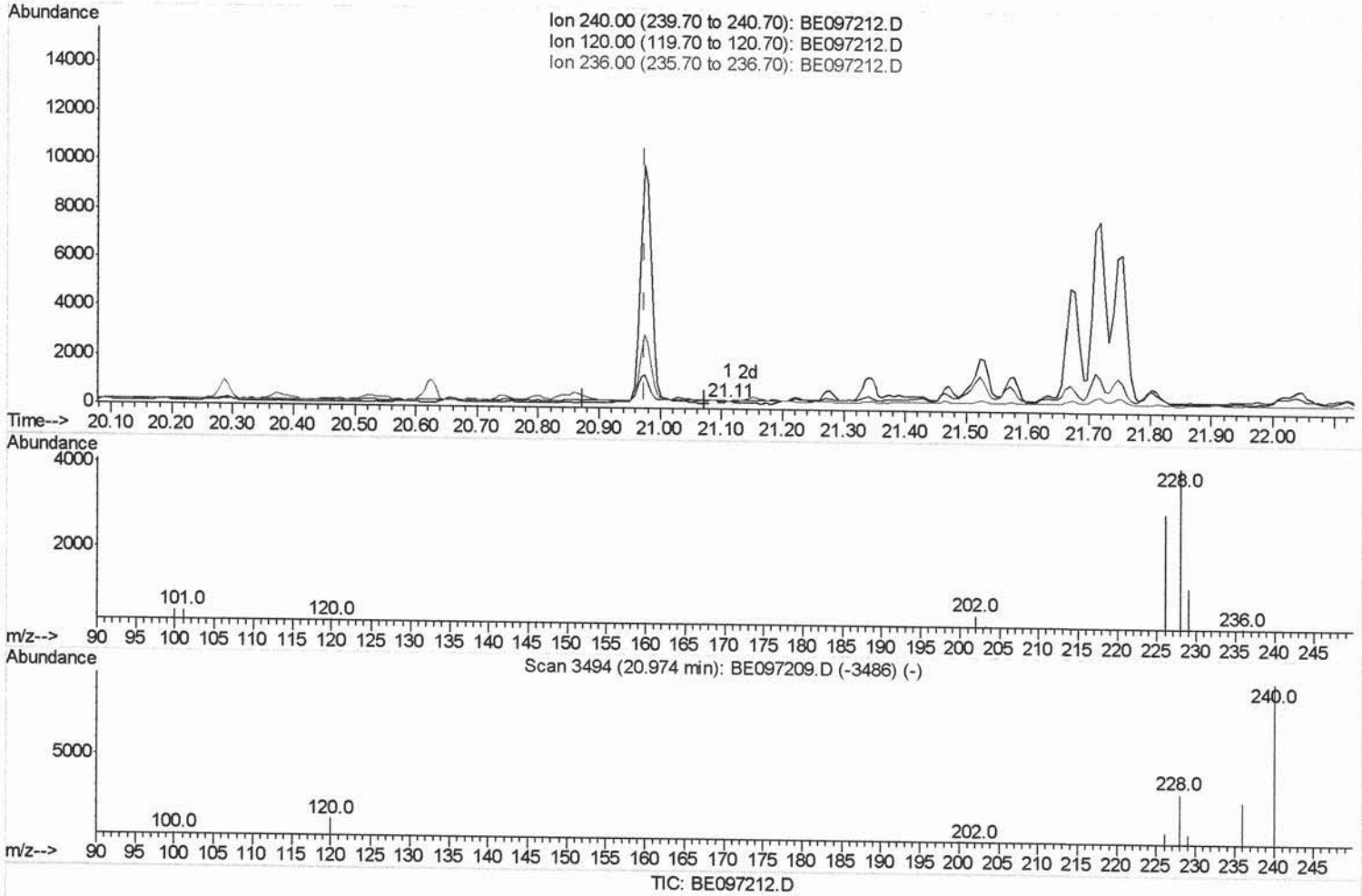
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Manual Integrations
 APPROVED

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(16) Chrysene-d12 (I)

21.112min (+0.138) 0.40ng/ul

response 149

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	107.62#
236.00	34.90	104.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

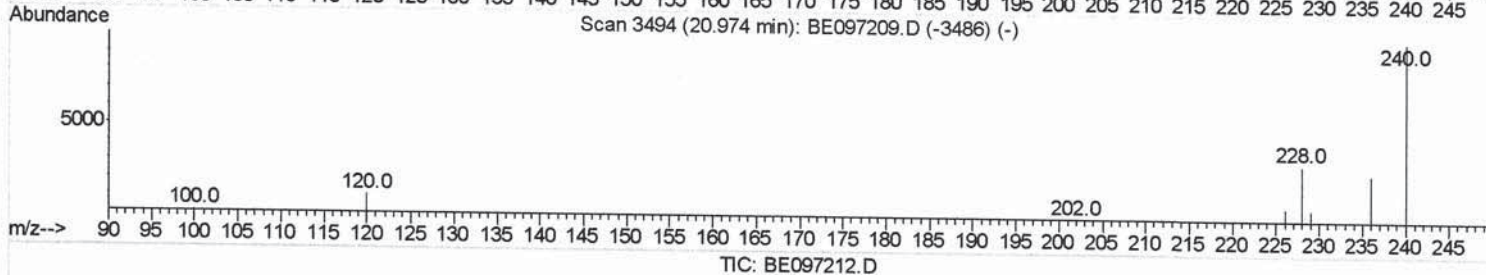
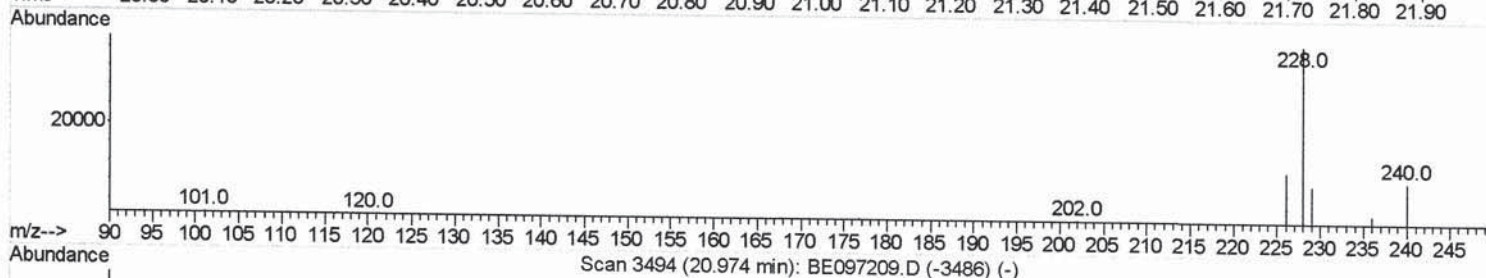
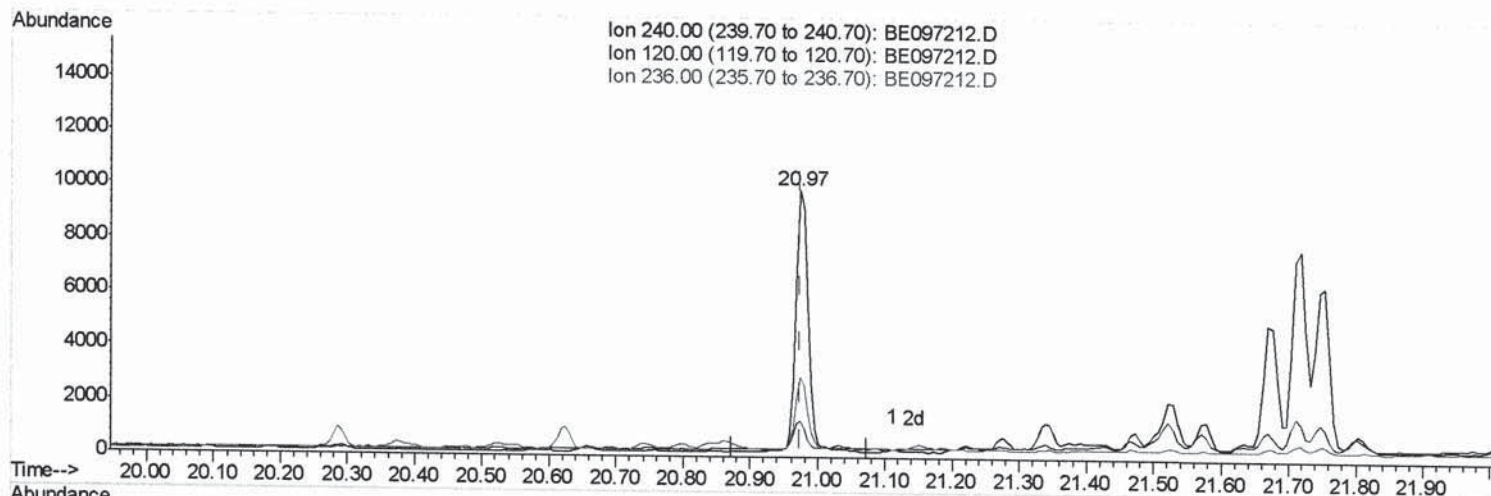
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(16) Chrysene-d12 (I)

20.974min (0.000) 0.40ng/ul m

SJ 8/7/18

response 11882

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	13.62#
236.00	34.90	29.91
0.00	0.00	0.00

Quantitation Report (Qedit)

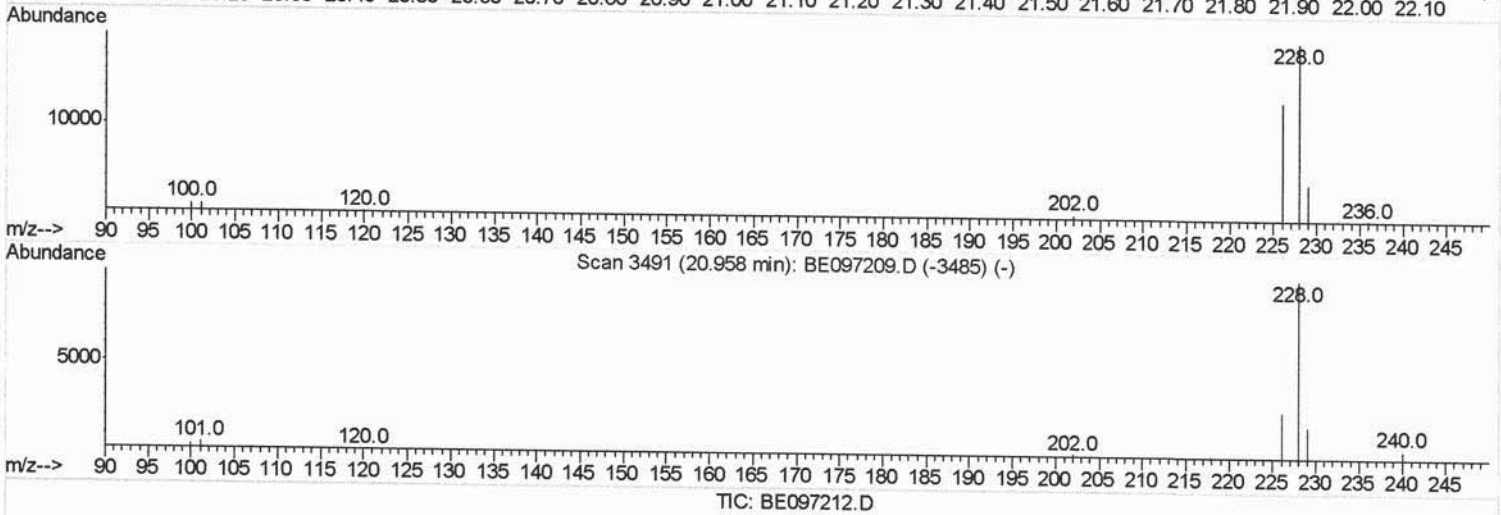
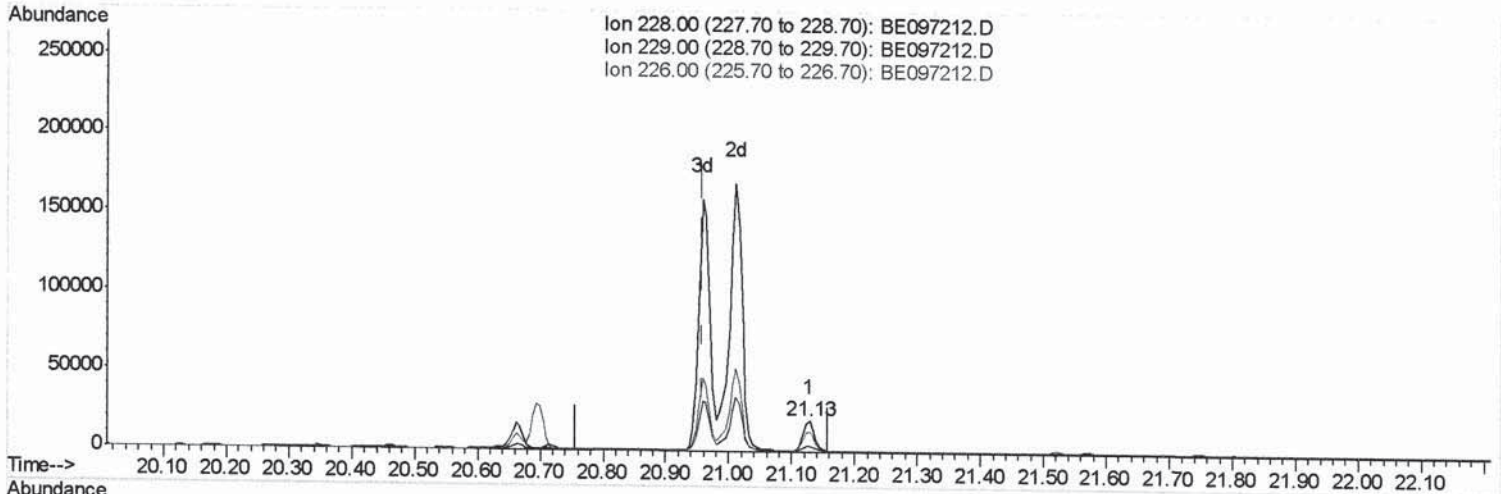
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(18) Benzo(a)anthracene
 21.128min (+0.170) 0.74ng/ul
 response 25106

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	21.45#
226.00	21.30	66.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

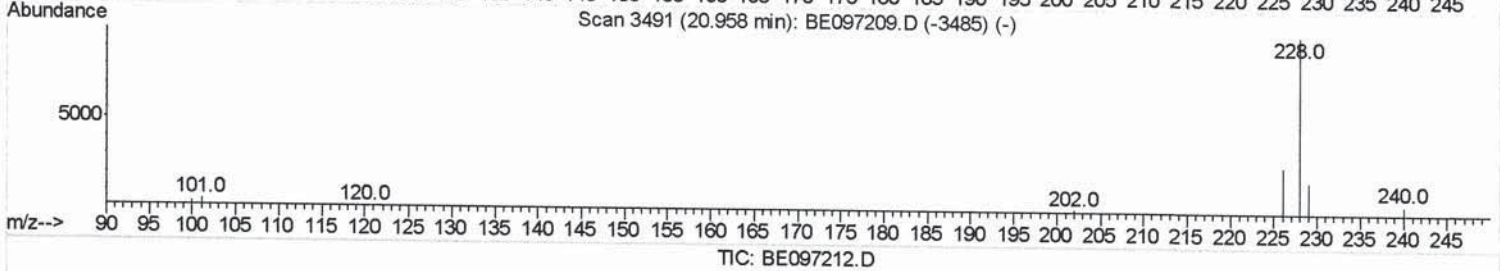
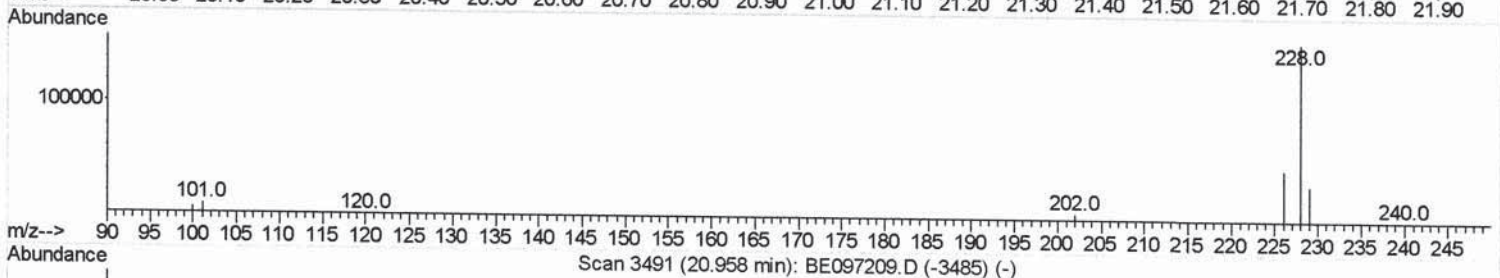
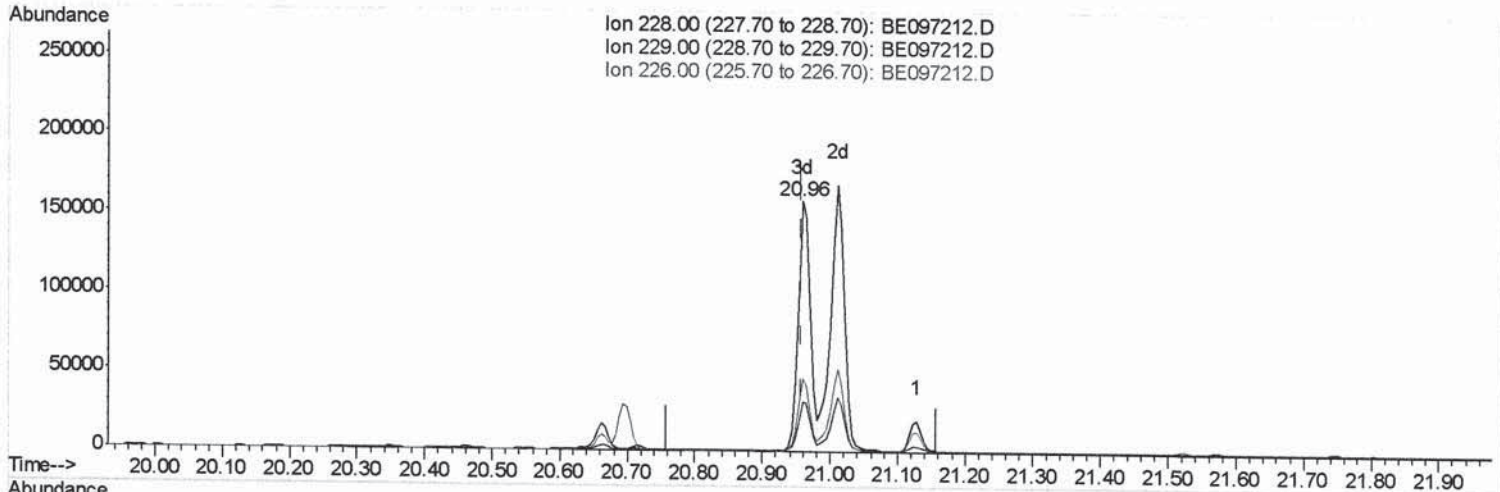
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(18) Benzo(a)anthracene

20.958min (0.000) 5.71ng/ul m

SJ 8/7/18

response 193722

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	20.02#
226.00	21.30	29.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

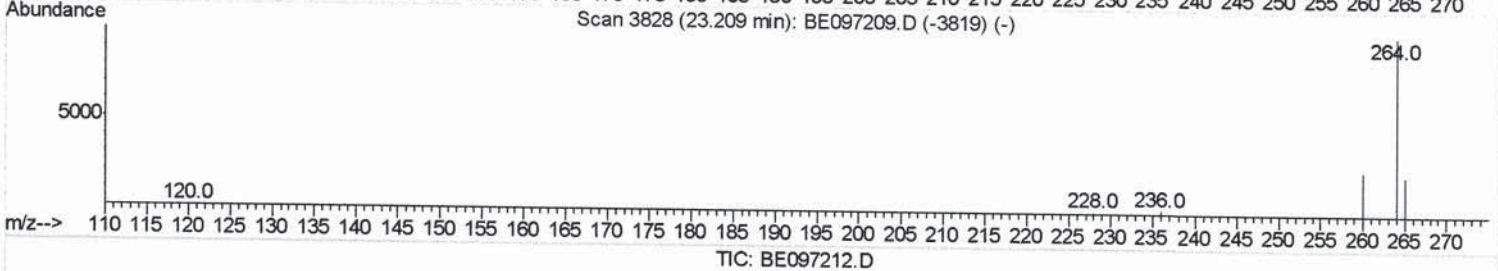
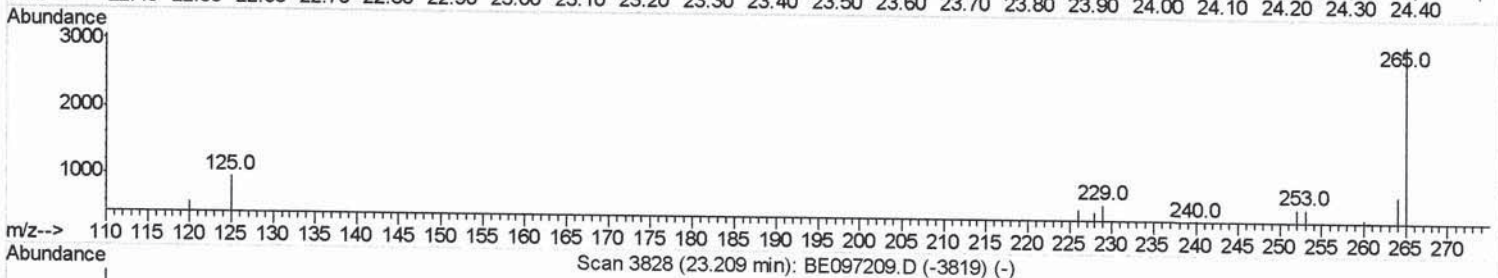
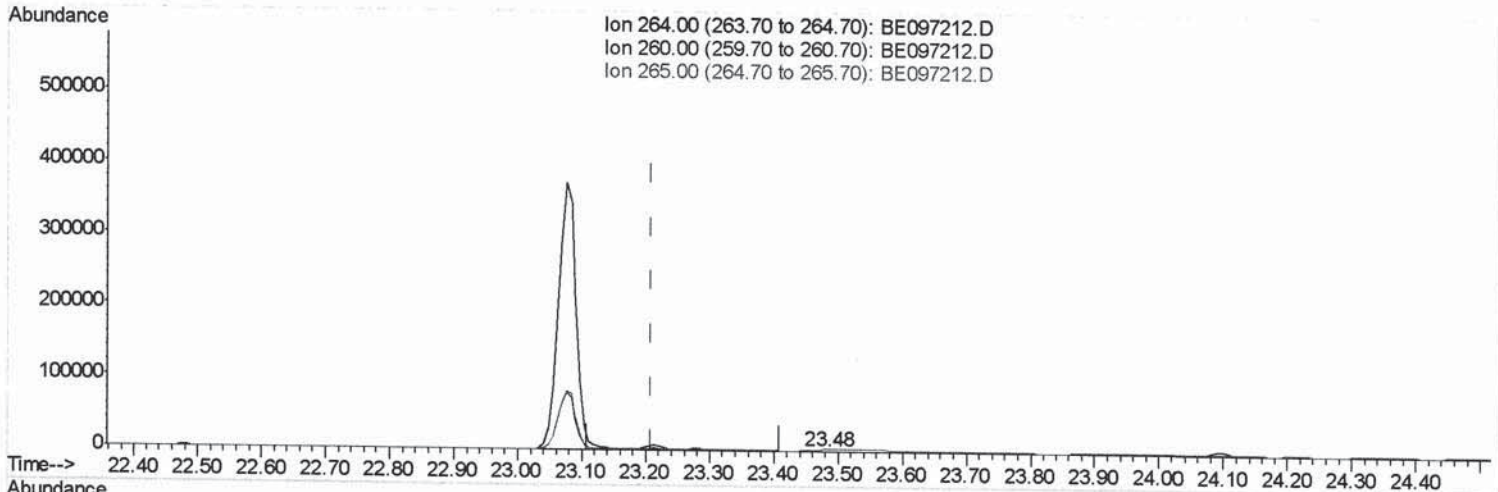
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(20) Perylene-d12 (I)

23.483min (+0.274) 0.40ng/ul

response 960

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	58.47#
265.00	103.50	372.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

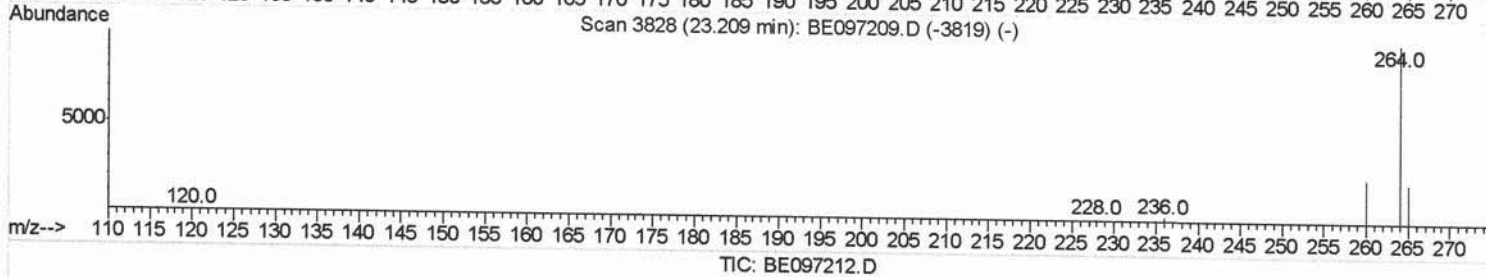
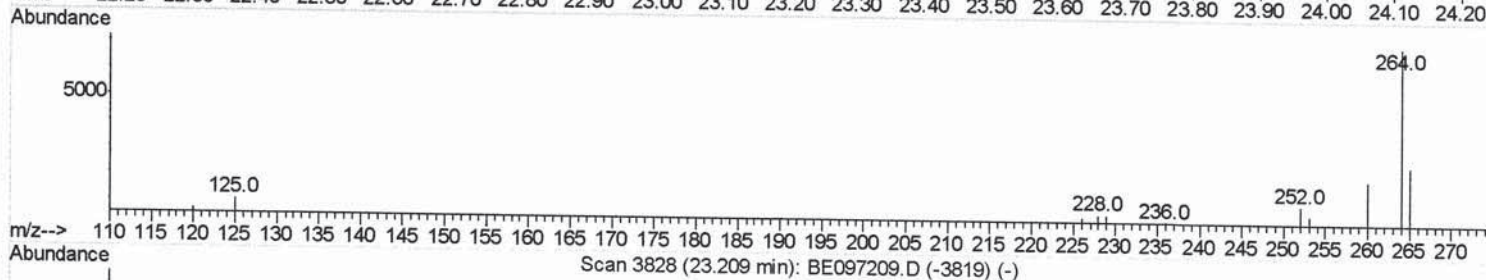
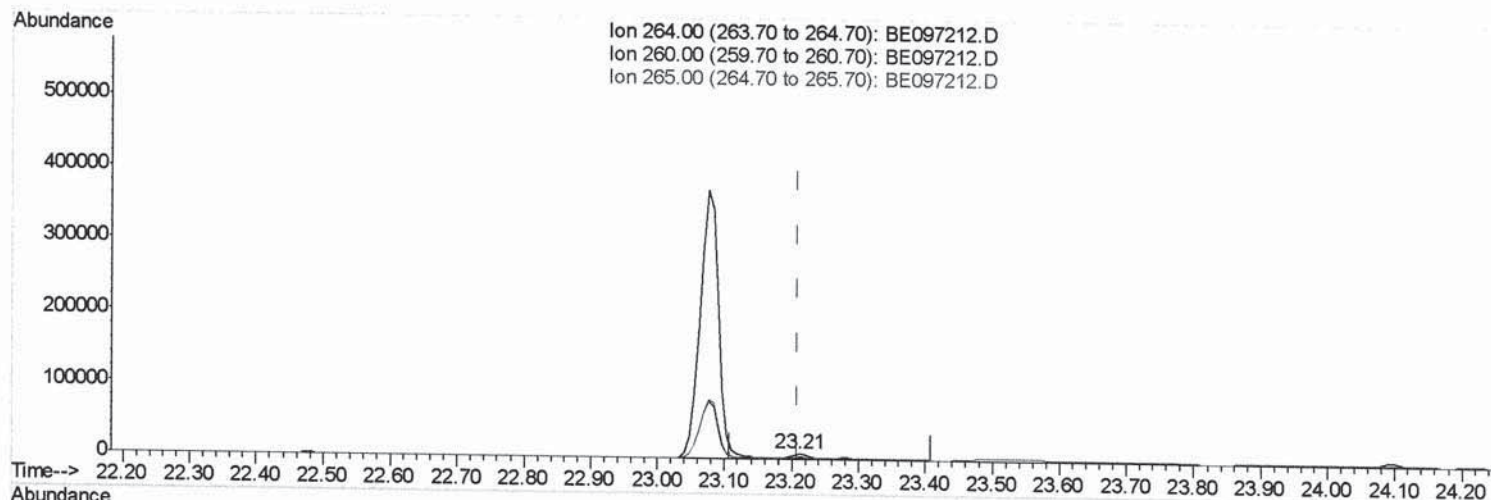
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097212.D
 Acq On : 4 Aug 2018 22:21
 Operator : SJ/JU
 Sample : J4206-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K9

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:59 PM

Quant Time: Aug 06 04:16:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 03:46:27 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.209min (0.000) 0.40ng/ul m

SJ 8/7/18

response 10801

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	30.10
265.00	103.50	37.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

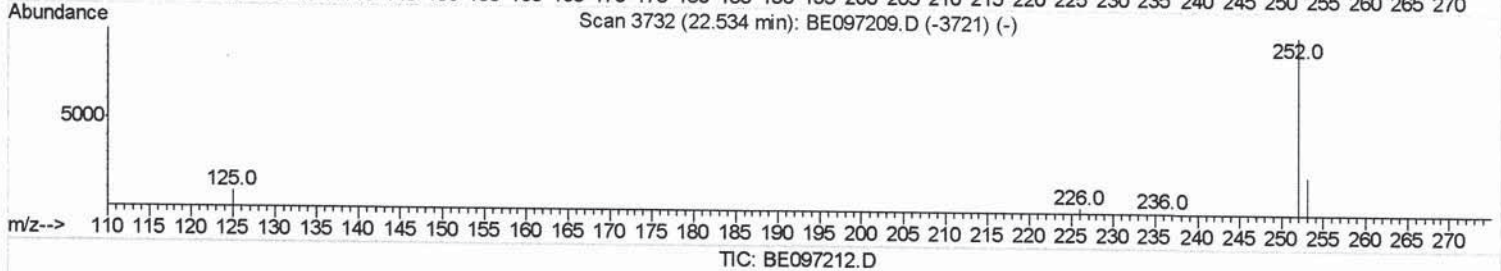
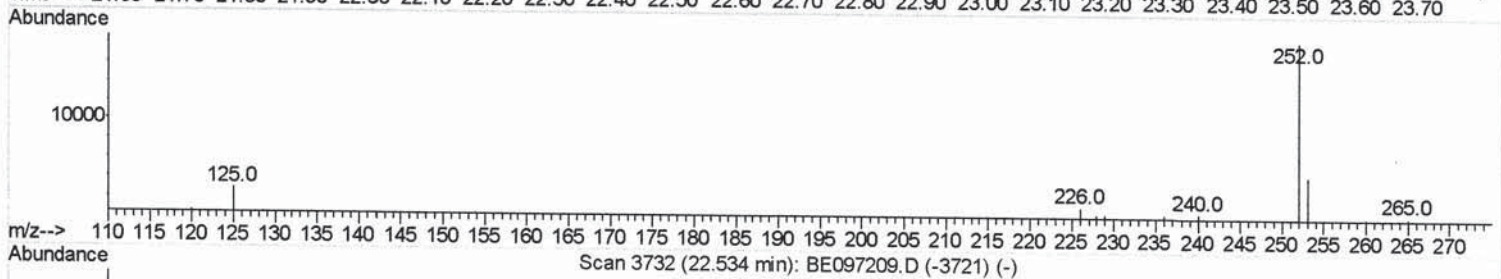
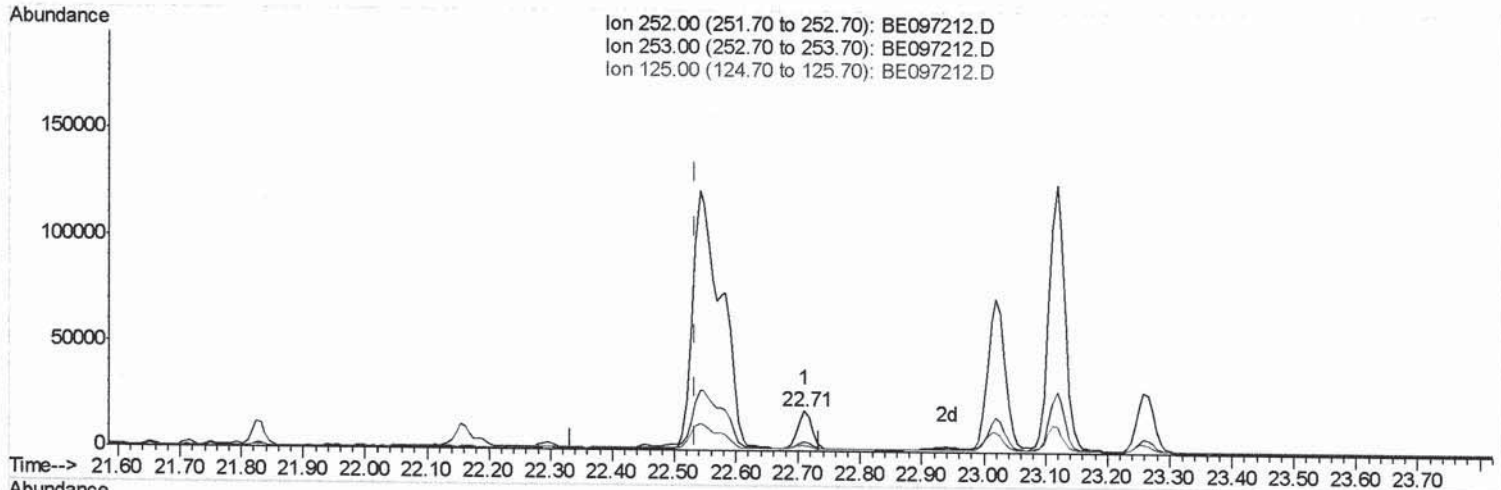
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097212.D
Acq On : 4 Aug 2018 22:21
Operator : SJ/JU
Sample : J4206-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1K9

Manual Integrations
APPROVED

Sohil
8/6/2018 12:50:59 PM

Quant Time: Aug 06 04:17:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 03:46:27 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.710min (+0.176) 1.10ng/ul

response 32341

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.68
125.00	17.50	15.16
0.00	0.00	0.00

Quantitation Report (Qedit)

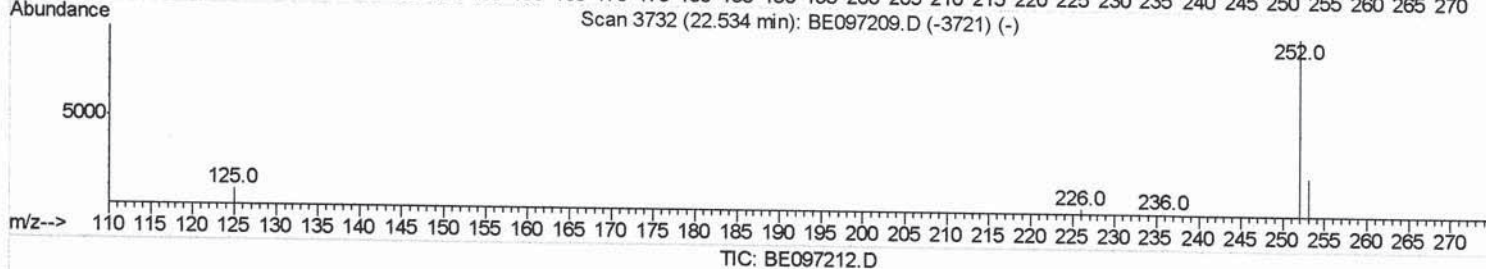
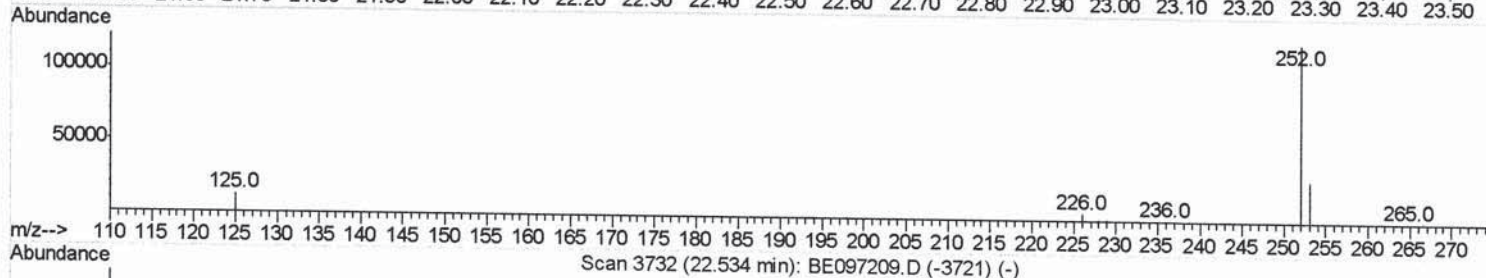
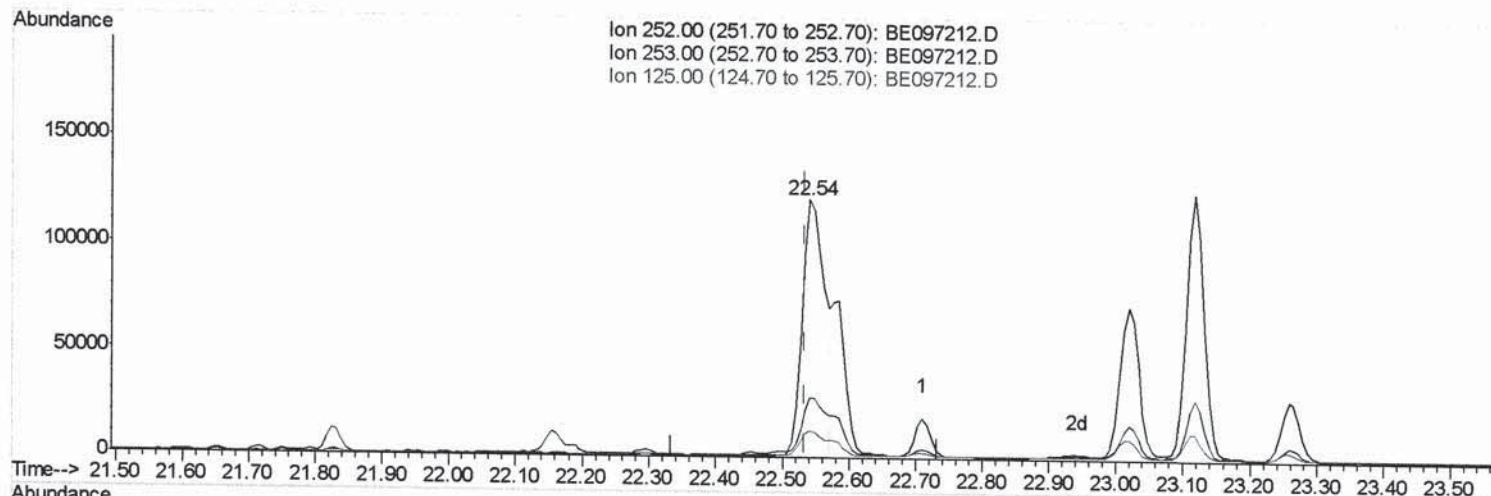
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097212.D
 Acq On : 4 Aug 2018 22:21
 Operator : SJ/JU
 Sample : J4206-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K9

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:59 PM

Quant Time: Aug 06 04:17:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 03:46:27 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.541min (+0.007) 9.63ng/ul m

SJ 8/7/18

response 283565

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.21
125.00	17.50	10.36
0.00	0.00	0.00

Quantitation Report (Qedit)

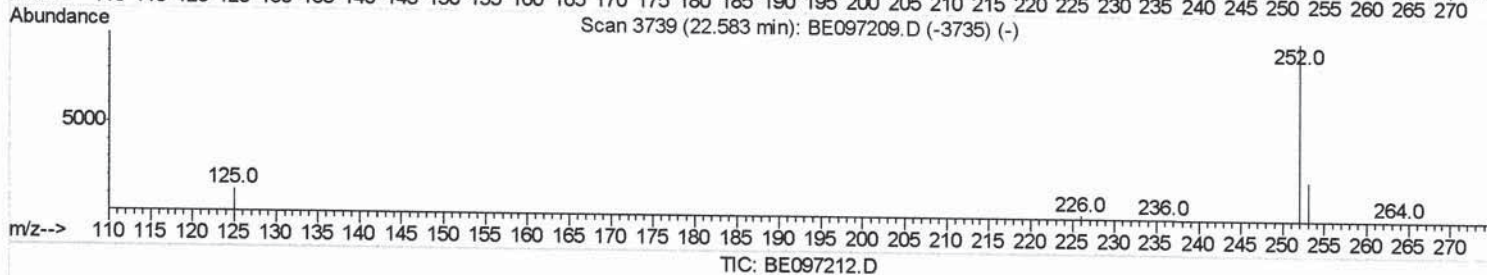
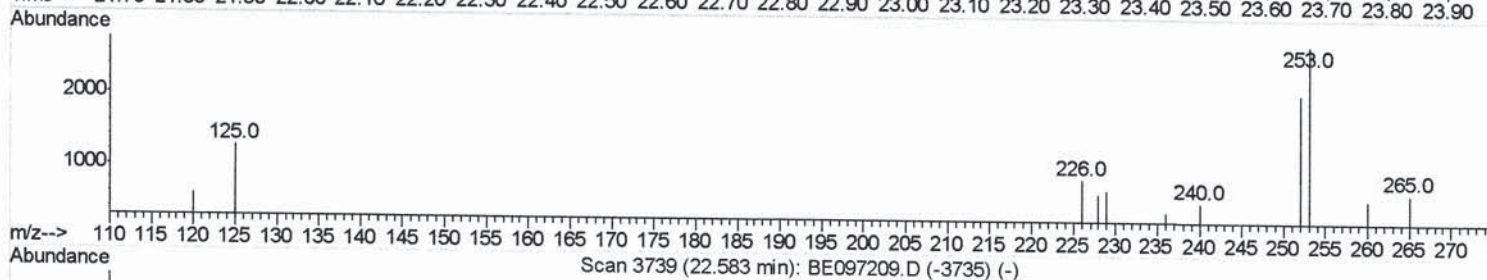
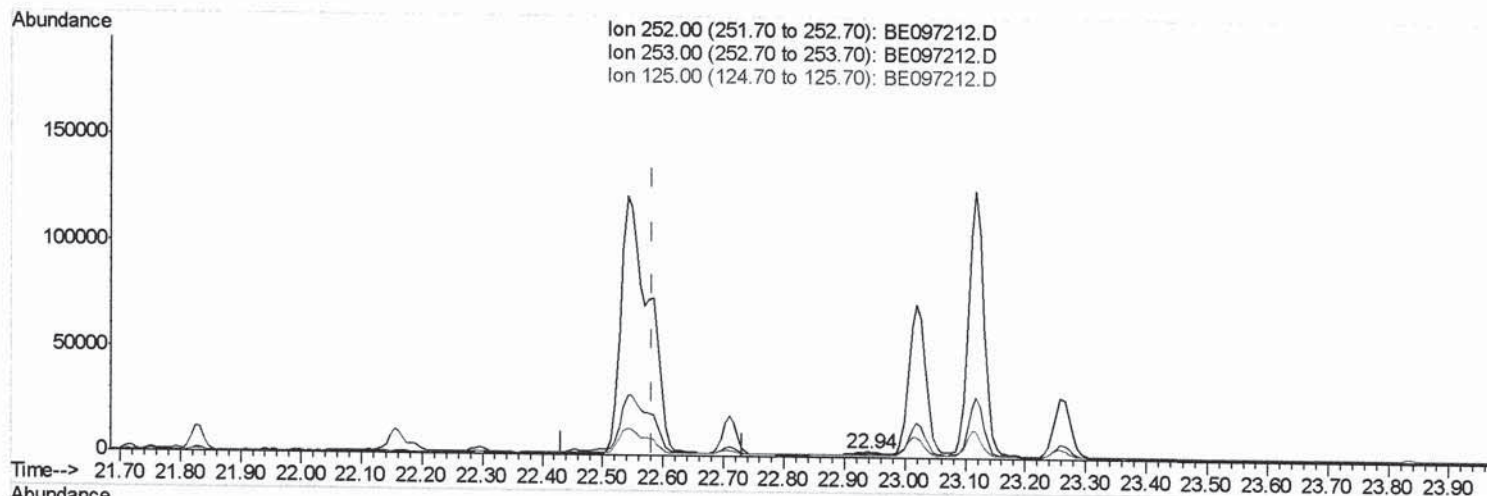
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097212.D
Acq On : 4 Aug 2018 22:21
Operator : SJ/JU
Sample : J4206-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1K9

Manual Integrations
APPROVED

Sohil
8/6/2018 12:50:59 PM

Quant Time: Aug 06 04:17:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 03:46:27 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.942min (+0.359) 0.14ng/ul

response 4452

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	133.21#
125.00	17.10	60.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

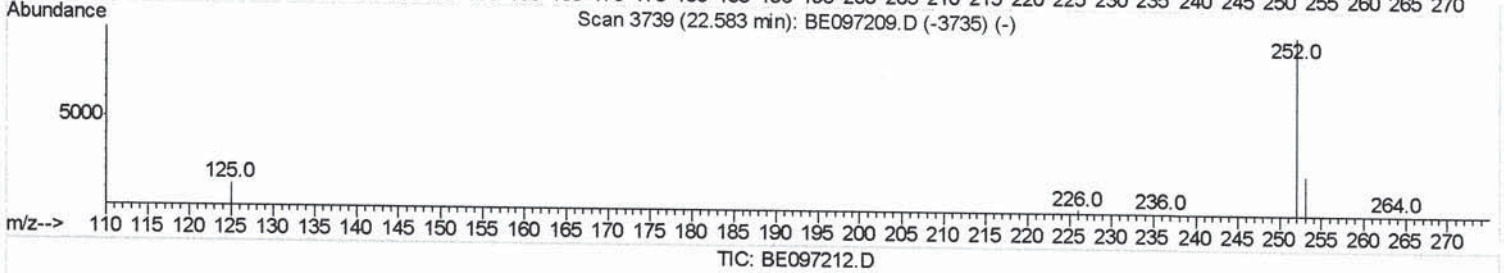
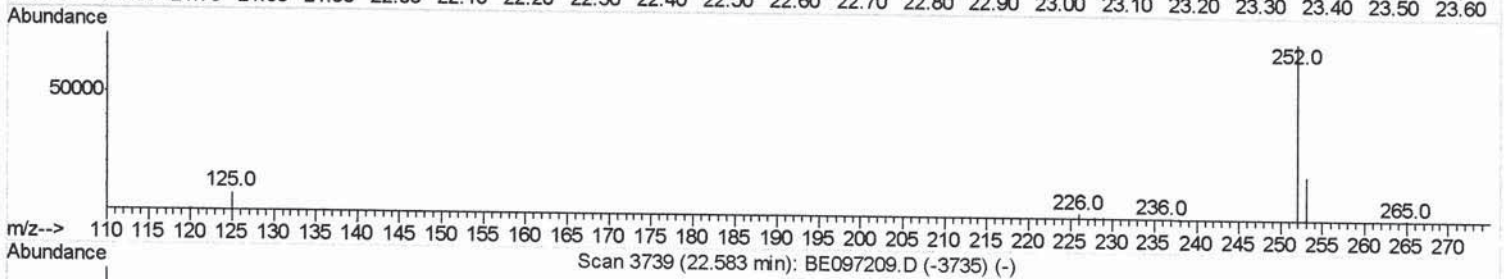
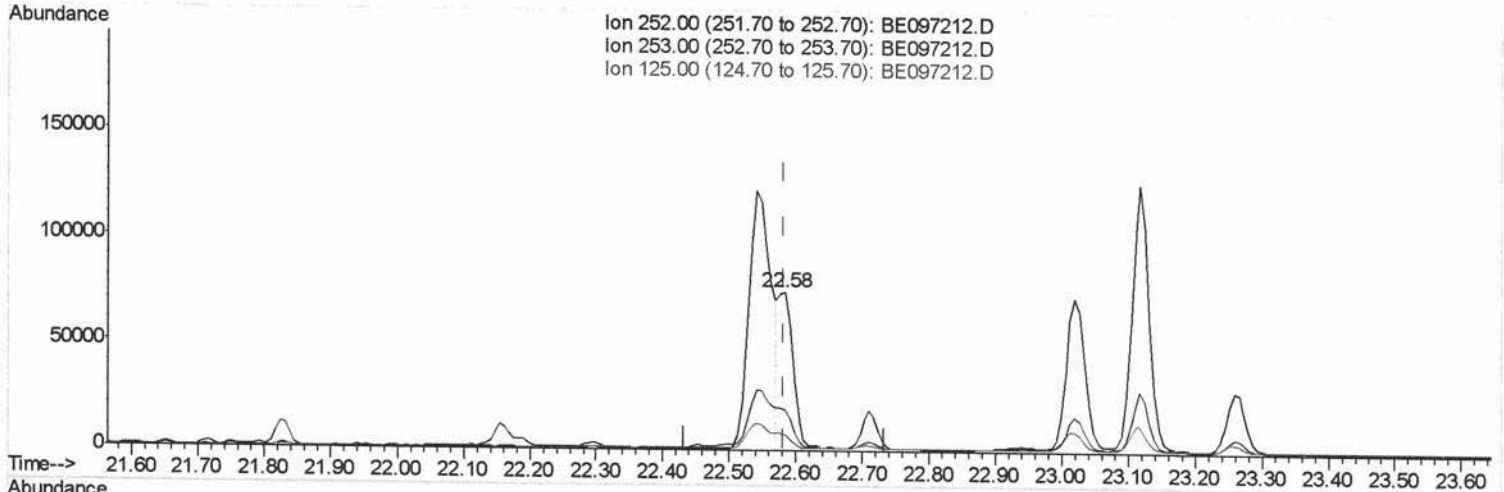
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097212.D
 Acq On : 4 Aug 2018 22:21
 Operator : SJ/JU
 Sample : J4206-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K9

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:59 PM

Quant Time: Aug 06 04:17:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 03:46:27 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.583min (0.000) 3.33ng/ul m

SJ 8/7/18

response 105660

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.20
125.00	17.10	10.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

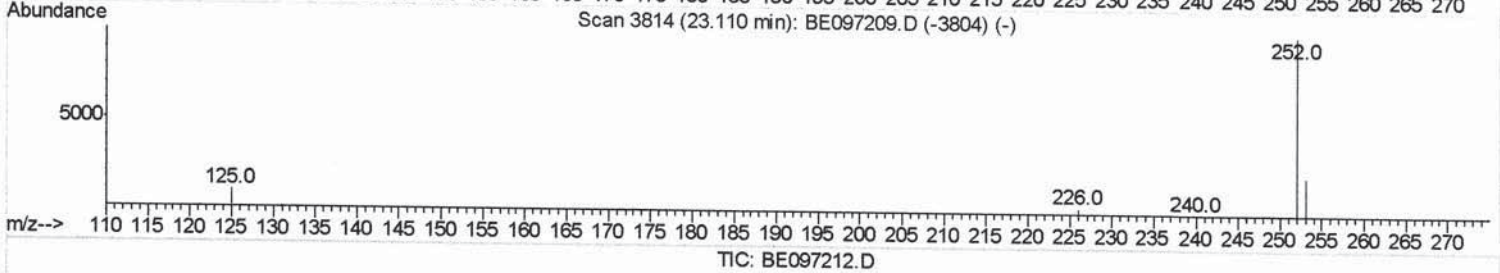
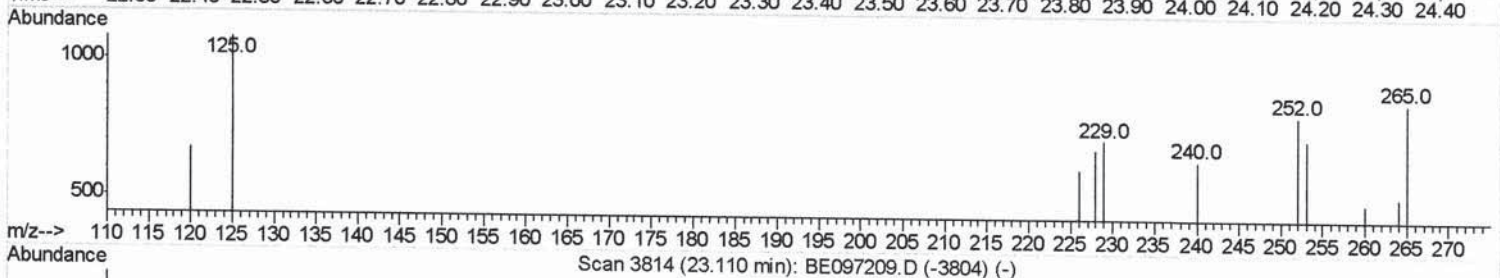
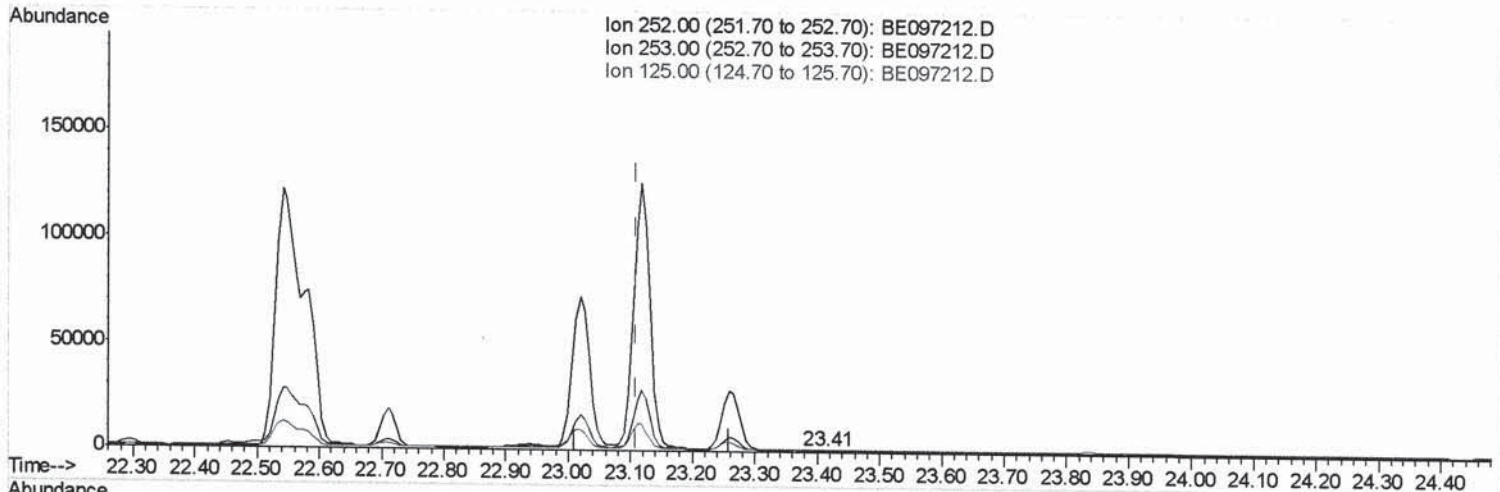
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097212.D
 Acq On : 4 Aug 2018 22:21
 Operator : SJ/JU
 Sample : J4206-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K9

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:59 PM

Quant Time: Aug 06 04:17:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 03:46:27 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)
 23.413min (+0.302) 0.01ng/ul
 response 430

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	89.75#
125.00	22.60	133.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

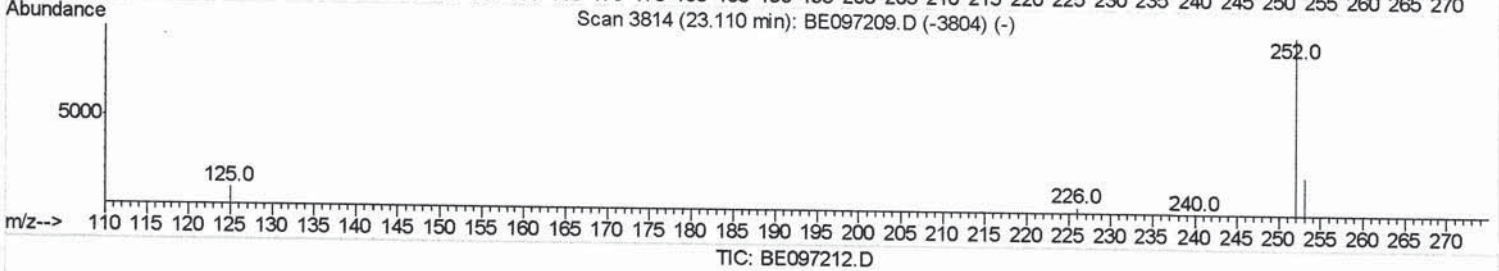
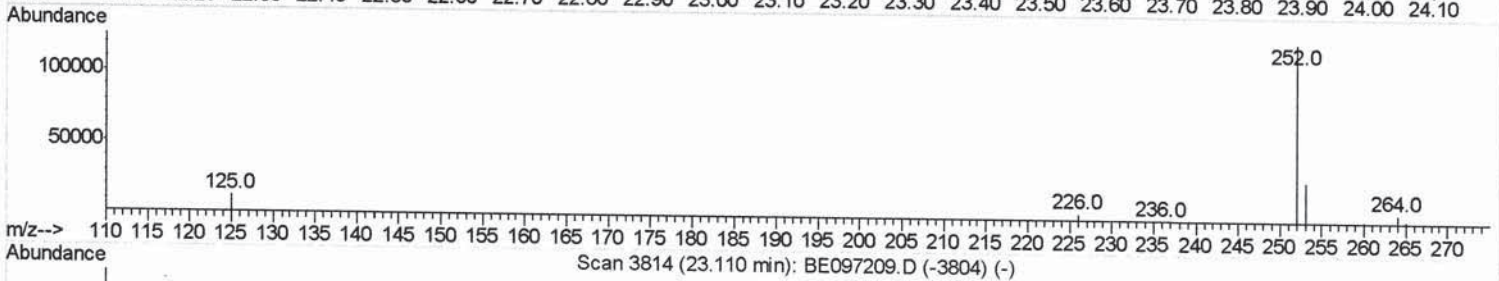
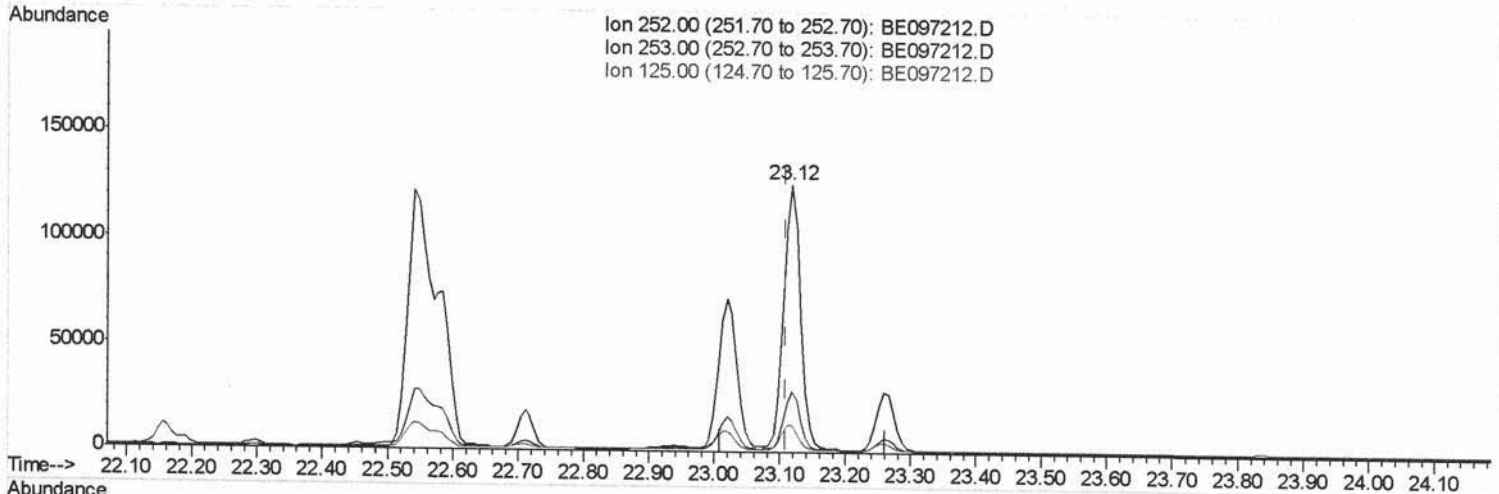
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097212.D
 Acq On : 4 Aug 2018 22:21
 Operator : SJ/JU
 Sample : J4206-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K9

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:59 PM

Quant Time: Aug 06 04:17:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 03:46:27 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.117min (+0.007) 7.57ng/ul m

SJ 8/7/18

response 222878

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.65#
125.00	22.60	9.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

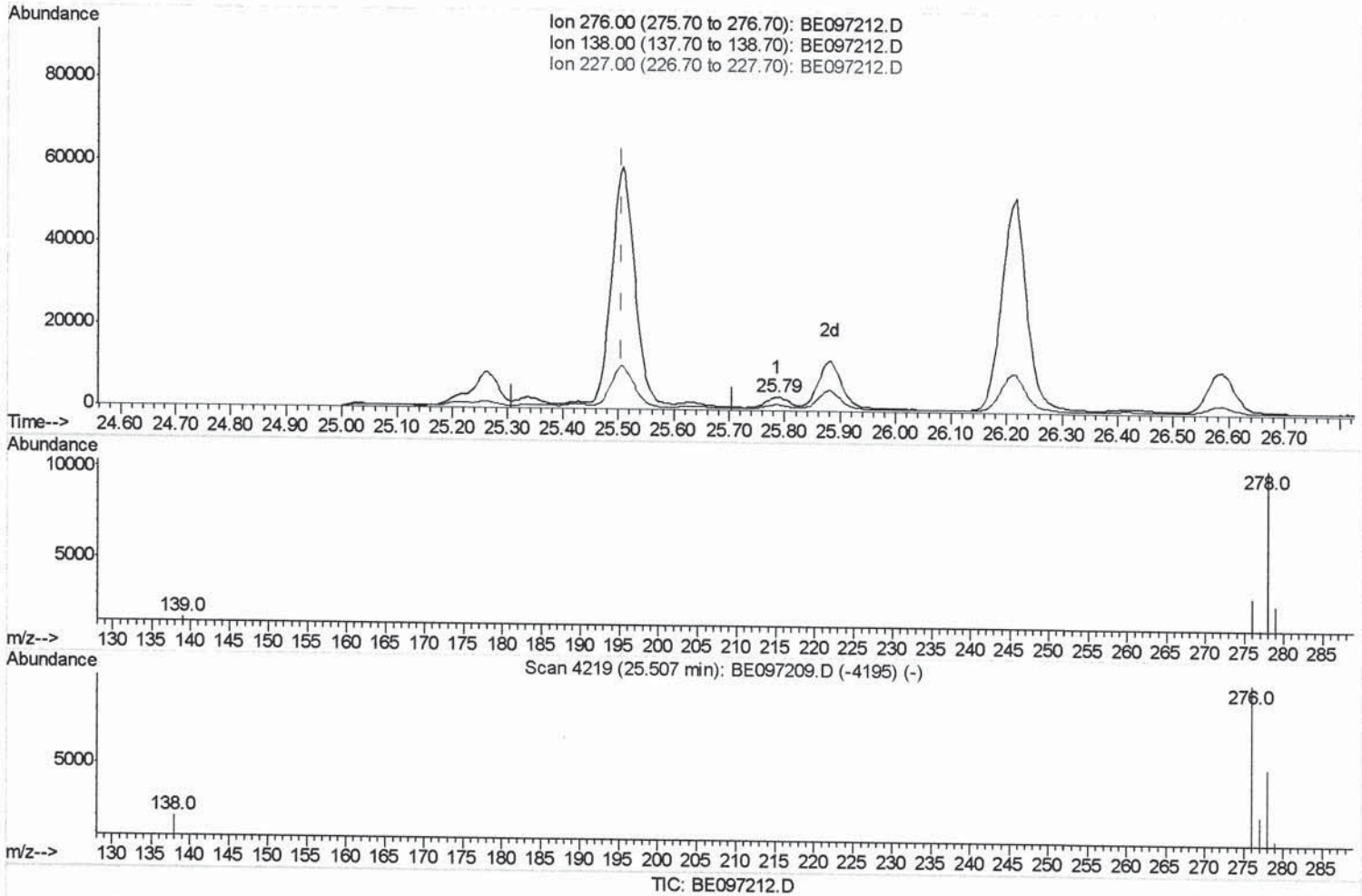
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097212.D
 Acq On : 4 Aug 2018 22:21
 Operator : SJ/JU
 Sample : J4206-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K9

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:59 PM

Quant Time: Aug 06 04:17:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 03:46:27 2018
 Response via : Initial Calibration



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

25.785min (+0.278) 0.21ng/ul

response 7842

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	42.91#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

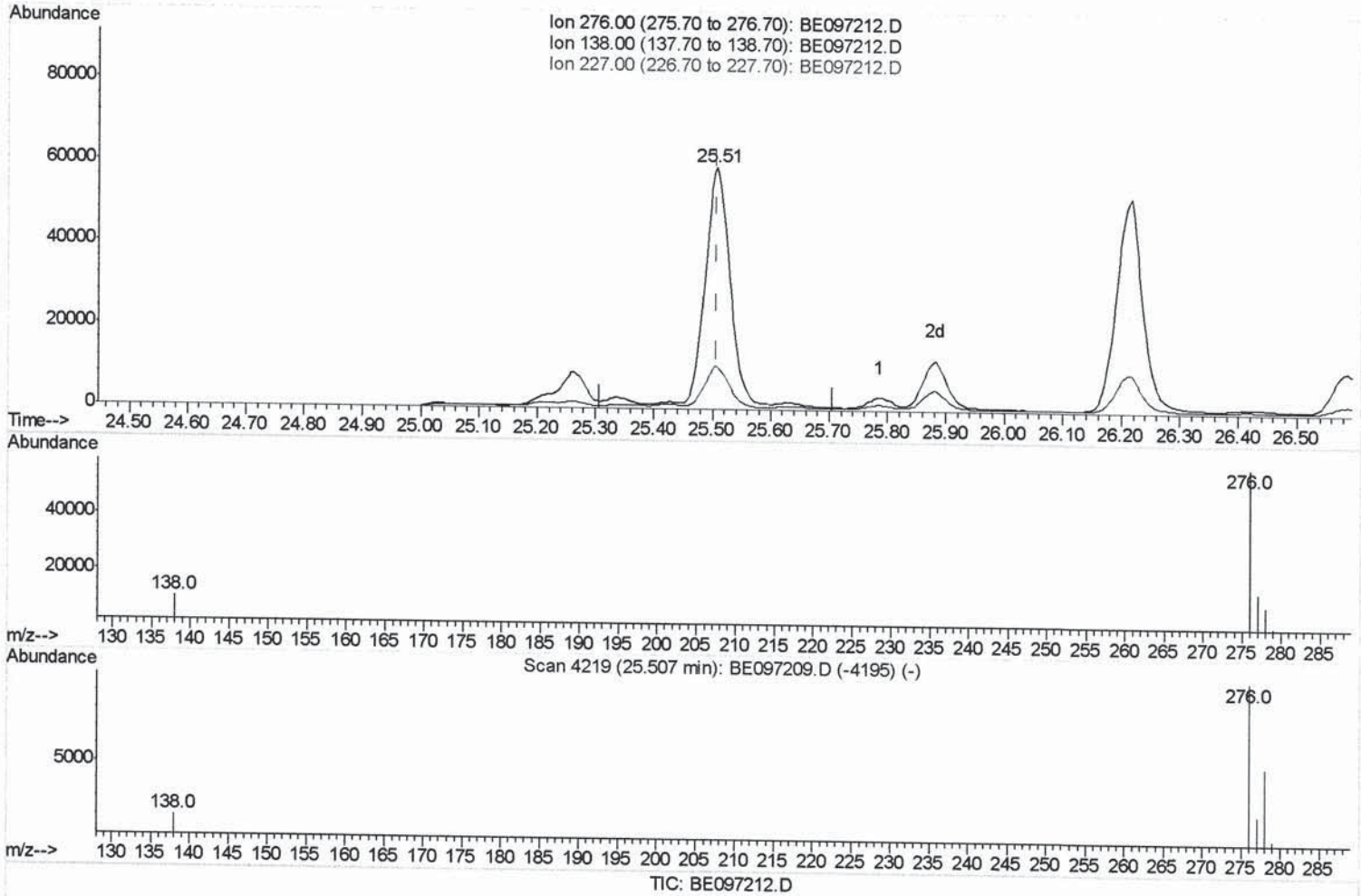
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097212.D
 Acq On : 4 Aug 2018 22:21
 Operator : SJ/JU
 Sample : J4206-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K9

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:59 PM

Quant Time: Aug 06 04:17:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 03:46:27 2018
 Response via : Initial Calibration



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

25.507min (-0.000) 4.45ng/ul m

response 163945

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	2.05#
227.00	10.00	0.00#
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (Qedit)

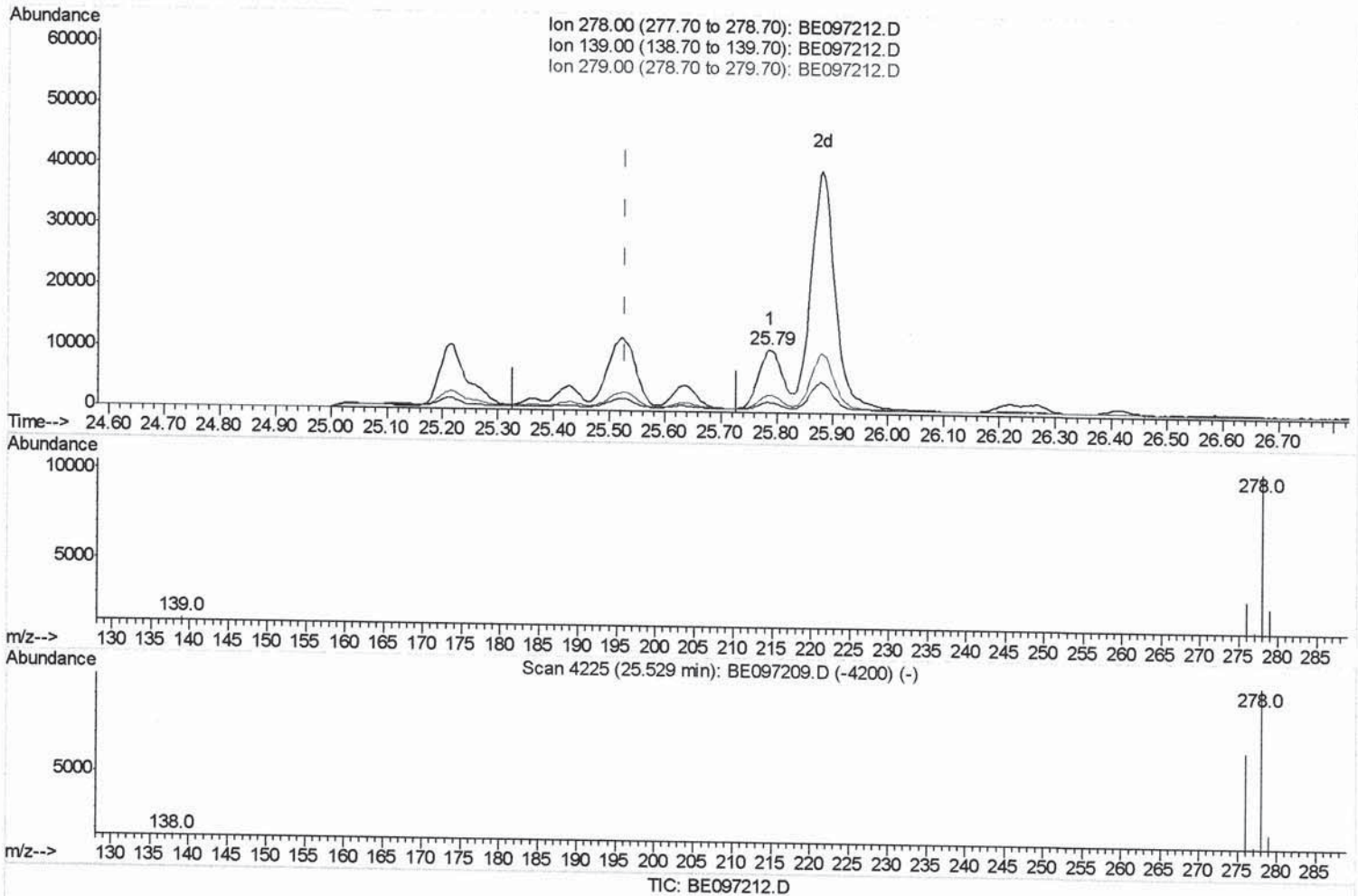
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097212.D
 Acq On : 4 Aug 2018 22:21
 Operator : SJ/JU
 Sample : J4206-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K9

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:59 PM

Quant Time: Aug 06 04:17:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 03:46:27 2018
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.789min (+0.260) 0.98ng/ul

response 29712

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	16.46#
279.00	32.40	27.84
0.00	0.00	0.00

Quantitation Report (Qedit)

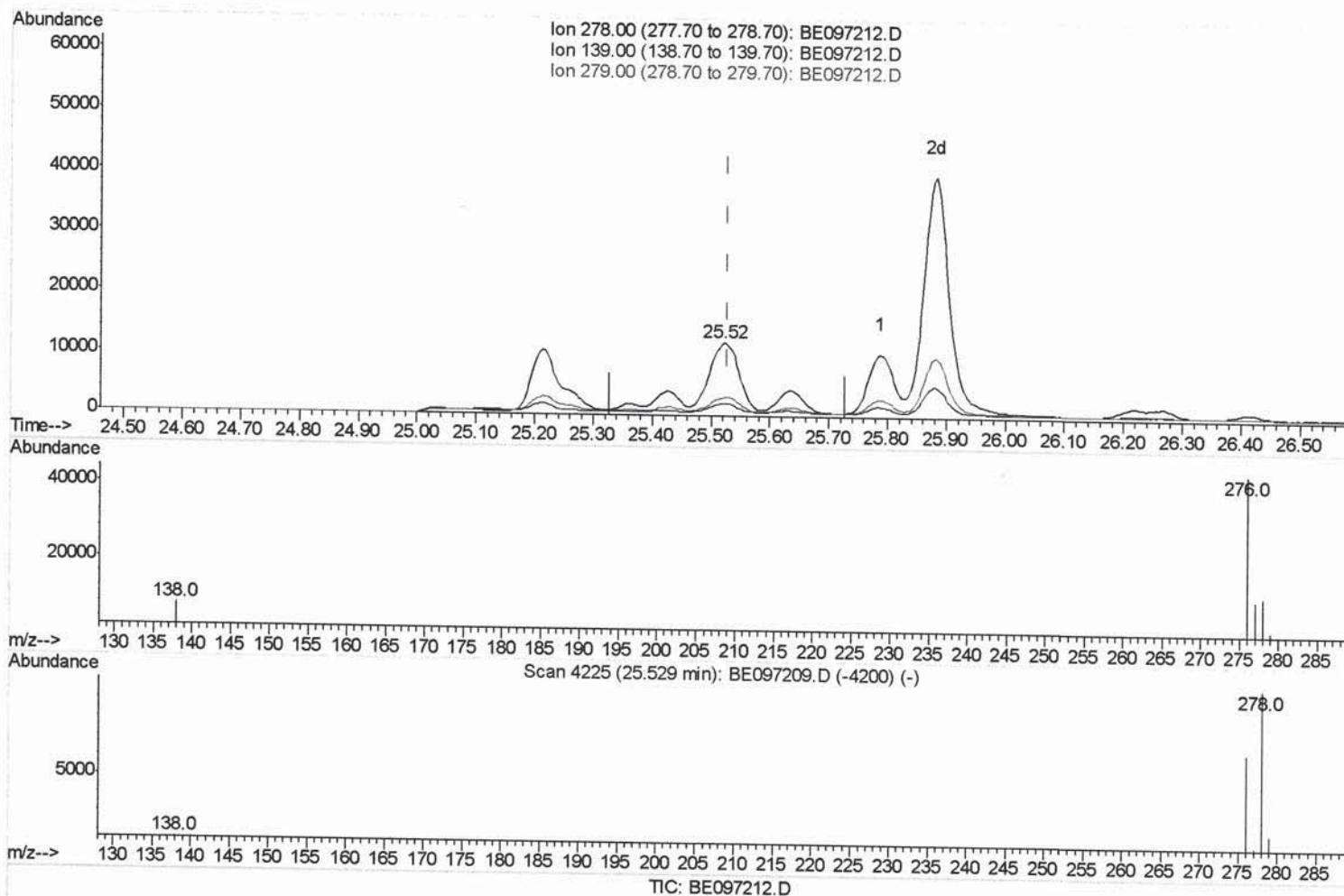
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097212.D
 Acq On : 4 Aug 2018 22:21
 Operator : SJ/JU
 Sample : J4206-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K9

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:59 PM

Quant Time: Aug 06 04:17:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 03:46:27 2018
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.521min (-0.007) 1.26ng/ul m

response 38068

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	16.60#
279.00	32.40	25.84#
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (Qedit)

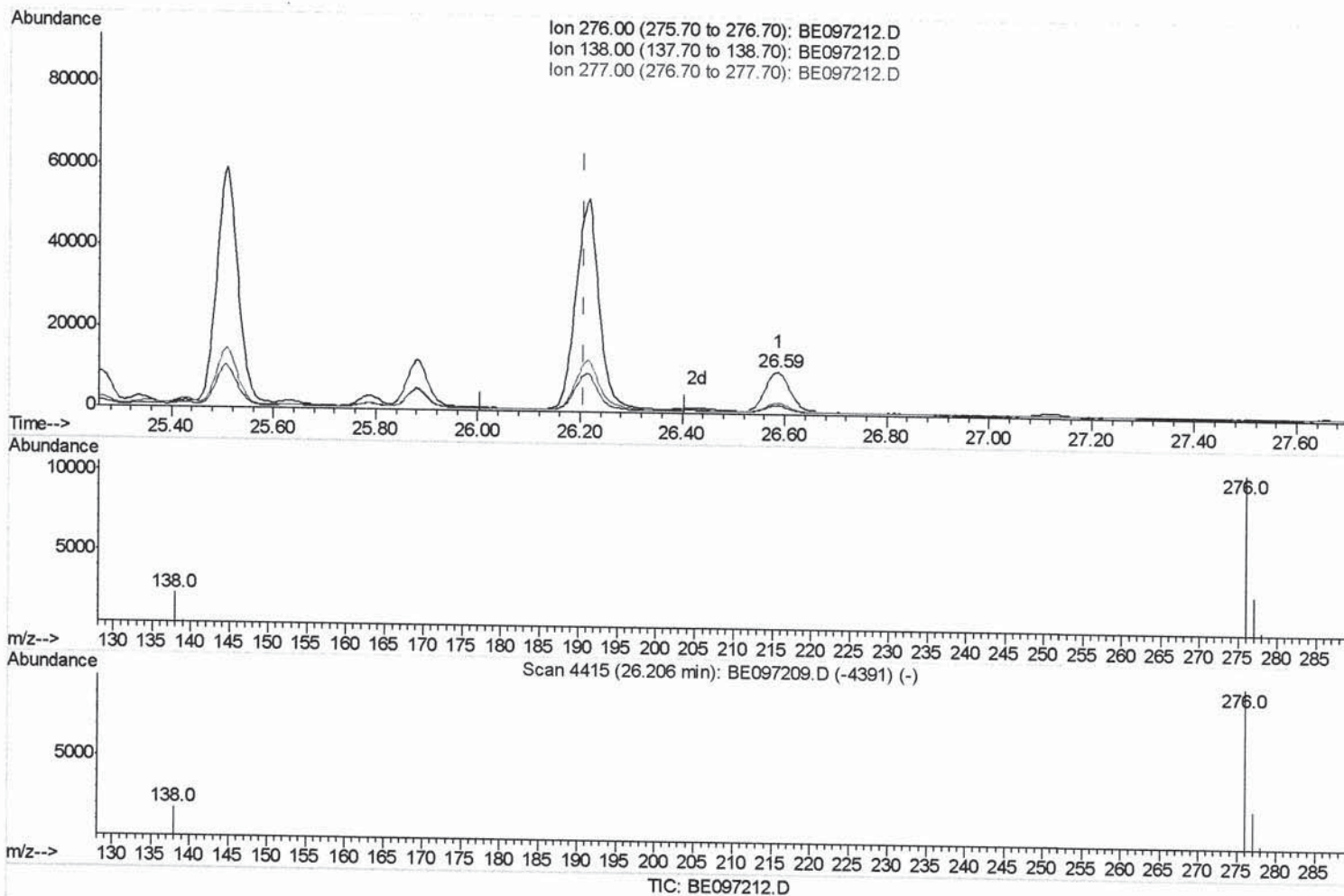
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097212.D
Acq On : 4 Aug 2018 22:21
Operator : SJ/JU
Sample : J4206-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1K9

Manual Integrations
APPROVED

Sohil
8/6/2018 12:50:59 PM

Quant Time: Aug 06 04:17:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 03:46:27 2018
Response via : Initial Calibration



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

26.588min (+0.381) 1.06ng/ul

response 33673

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	21.93
277.00	25.60	27.16
0.00	0.00	0.00

Quantitation Report (Qedit)

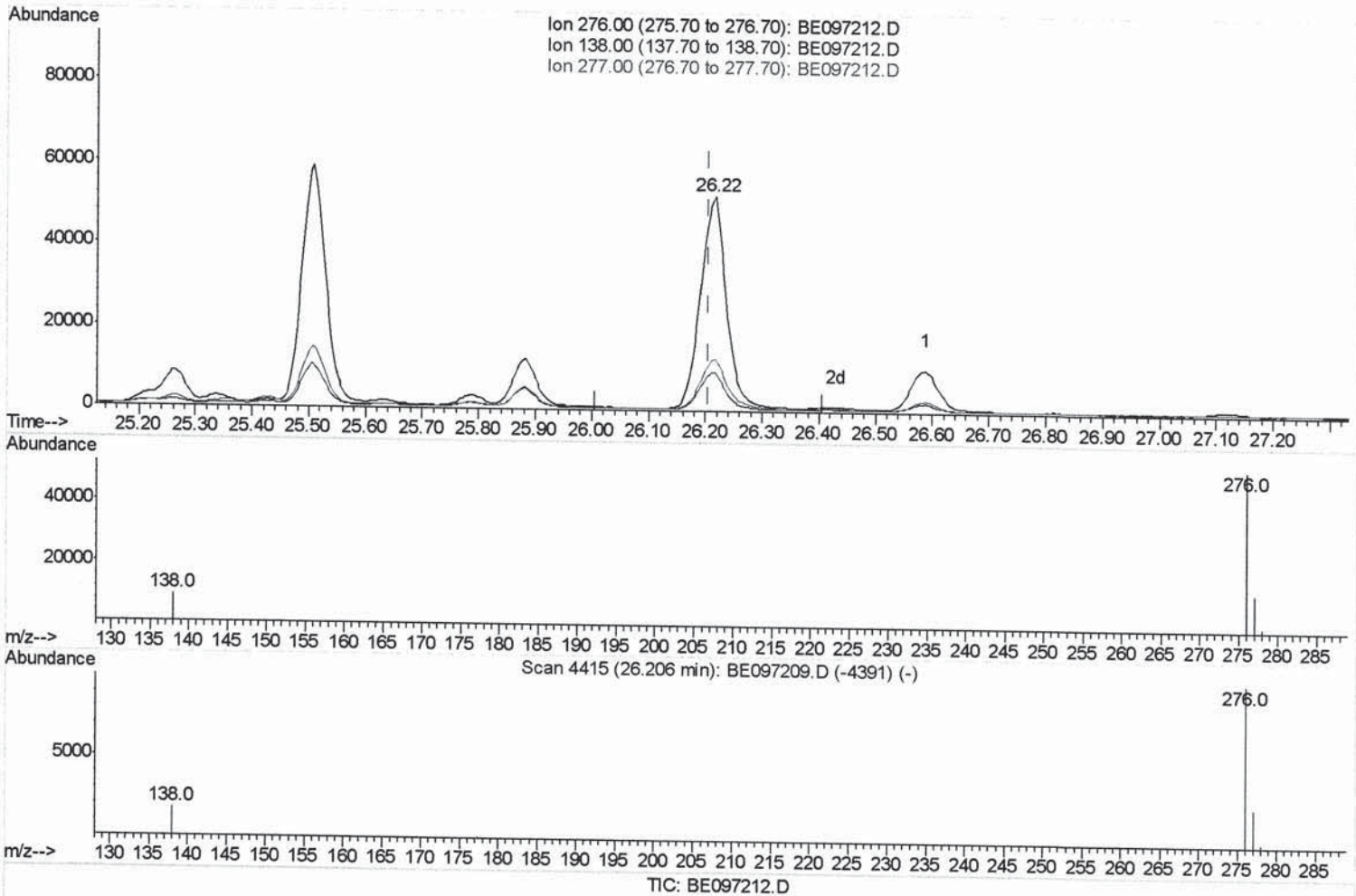
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097212.D
 Acq On : 4 Aug 2018 22:21
 Operator : SJ/JU
 Sample : J4206-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K9

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:59 PM

Quant Time: Aug 06 04:17:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 03:46:27 2018
 Response via : Initial Calibration



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

26.217min (+0.010) 5.12ng/ul m

response 163207

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	18.10#
277.00	25.60	24.33
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097212.D
 Acq On : 4 Aug 2018 22:21
 Operator : SJ/JU
 Sample : J4206-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 JJ1K9

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:59 PM

Quant Time: Aug 06 04:20:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 03:46:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1513	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	8150	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4987	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	11377m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11882m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10801m	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.73	152	3059	0.23	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	8810m	0.23	ng/ul	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.18	128	1114	0.056	ng/ul#	90
5) 2-Methylnaphthalene	11.80	142	501	0.038	ng/ul	96
7) Acenaphthylene	13.73	152	1316	0.061	ng/ul#	87
8) Acenaphthene	14.08	153	5506	0.353	ng/ul	95
9) Fluorene	15.08	166	6012	0.335	ng/ul	95
12) Phenanthrene	16.81	178	205376m	7.081	ng/ul	
13) Anthracene	16.90	178	30237m	1.118	ng/ul	
15) Fluoranthene	18.84	202	456377m	11.905	ng/ul	
17) Pyrene	19.21	202	482284	15.148	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	193722m	5.706	ng/ul	
19) Chrysene	21.01	228	229102	6.548	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	283565m	9.632	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	105660m	3.329	ng/ul	
23) Benzo(a)pyrene	23.12	252	222878m	7.566	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	163945m	4.447	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	38068m	1.262	ng/ul	
26) Benzo(a,h,i)perylene	26.22	276	163207m	5.123	ng/ul	

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