

Quantitation Report (QT Reviewed)

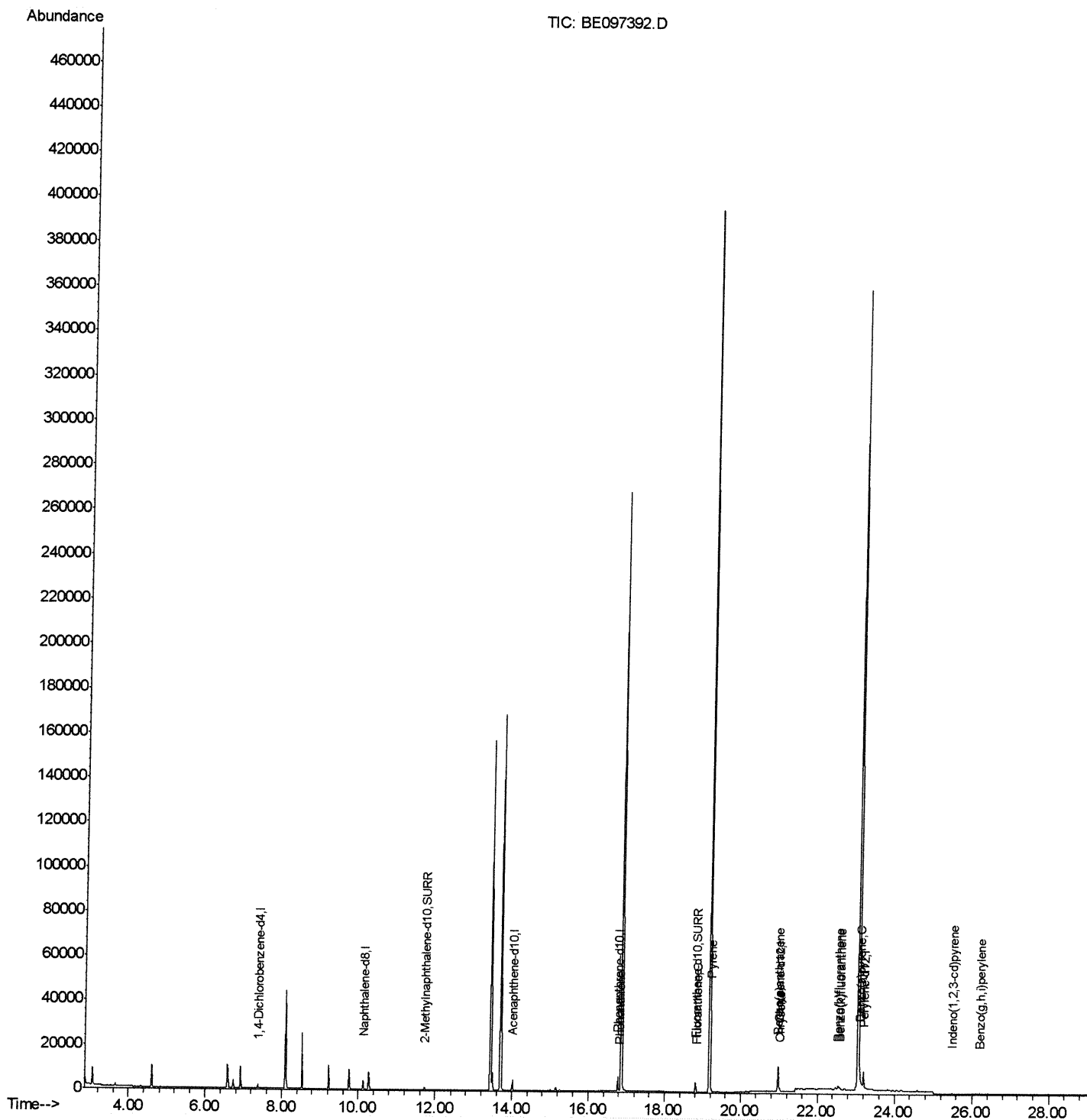
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE082918\
 Data File : BE097392.D
 Acq On : 29 Aug 2018 16:46
 Operator : SJ/JU
 Sample : J4596-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z29

Manual Integrations
 APPROVED

Sohil
 8/30/2018 5:36:43 PM

Quant Time: Aug 29 17:31:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 29 13:18:39 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

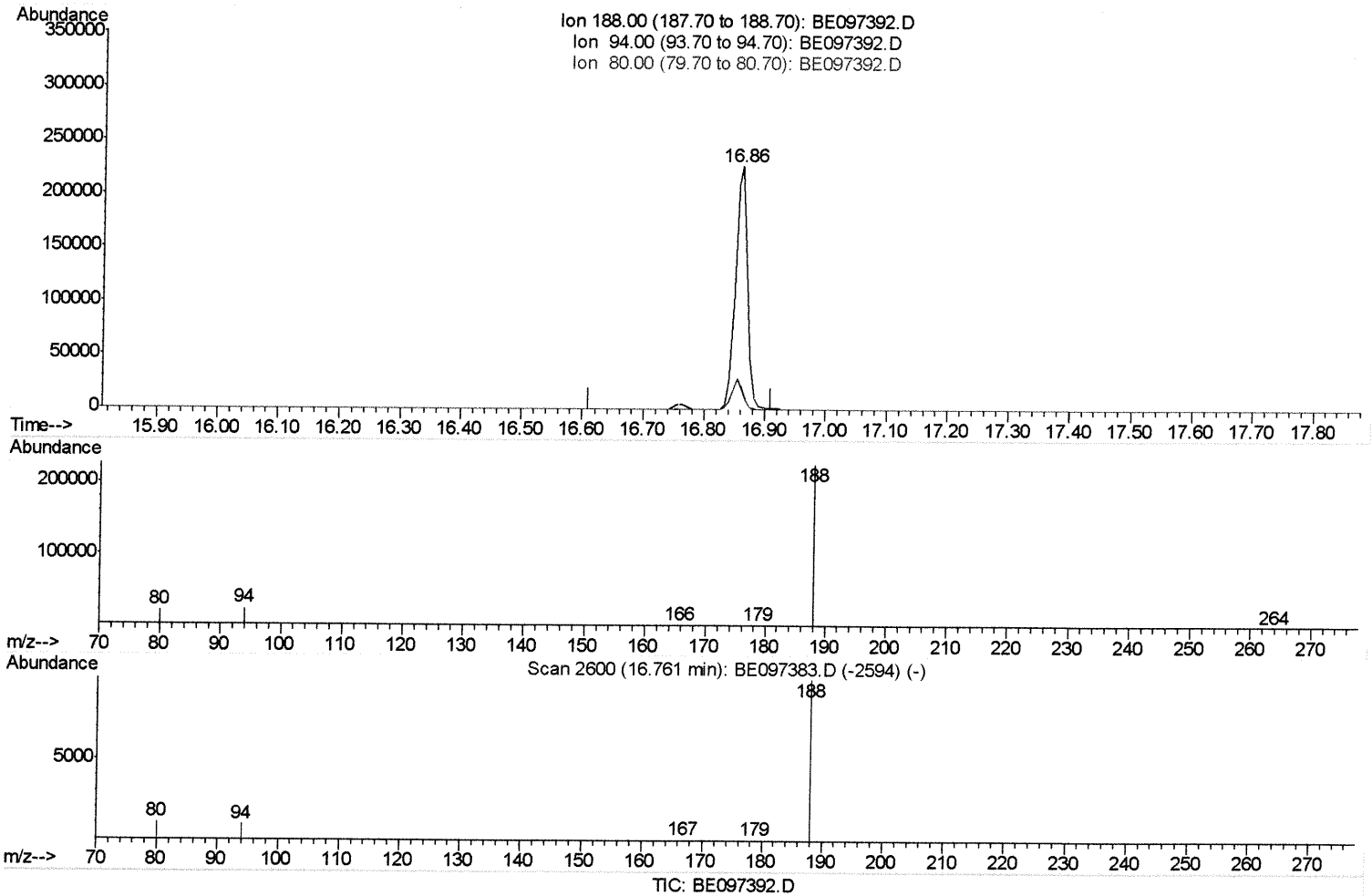
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE082918\
 Data File : BE097392.D
 Acq On : 29 Aug 2018 16:46
 Operator : SJ/JU
 Sample : J4596-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 A3Z29

Manual Integrations
 APPROVED

Sohil
 8/30/2018 5:36:43 PM

Quant Time: Aug 29 17:24:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 29 13:18:39 2018
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(10) Phenanthrene-d10 (I)

16.861min (+0.100) 0.40ng/ul

response 321822

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.68
80.00	11.80	8.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

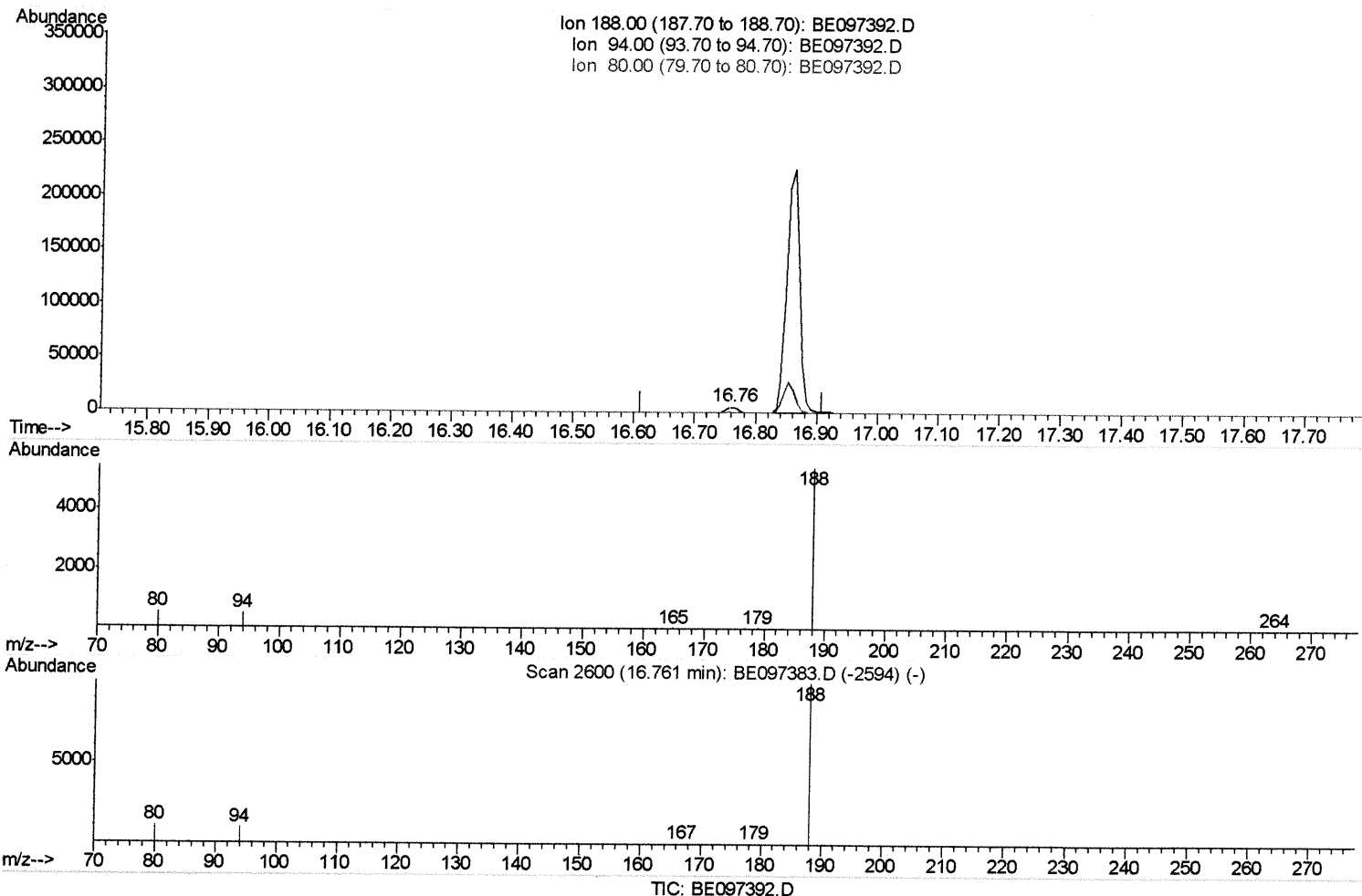
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE082918\
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(10) Phenanthrene-d10 (I)

16.762min (+0.001) 0.40ng/ul m SJ 9/4/18

response 7565

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.58
80.00	11.80	10.21
0.00	0.00	0.00

Quantitation Report (Qedit)

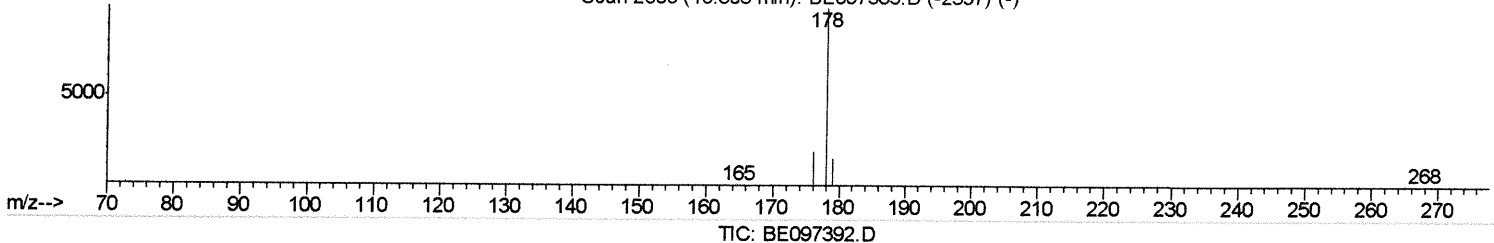
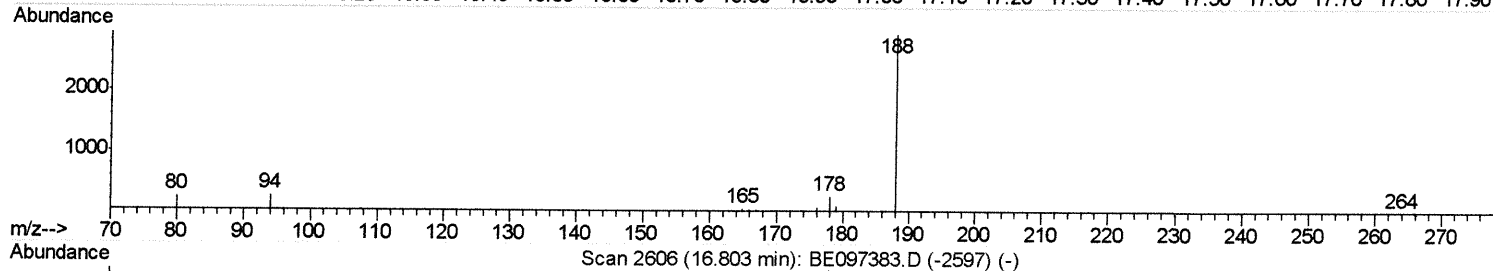
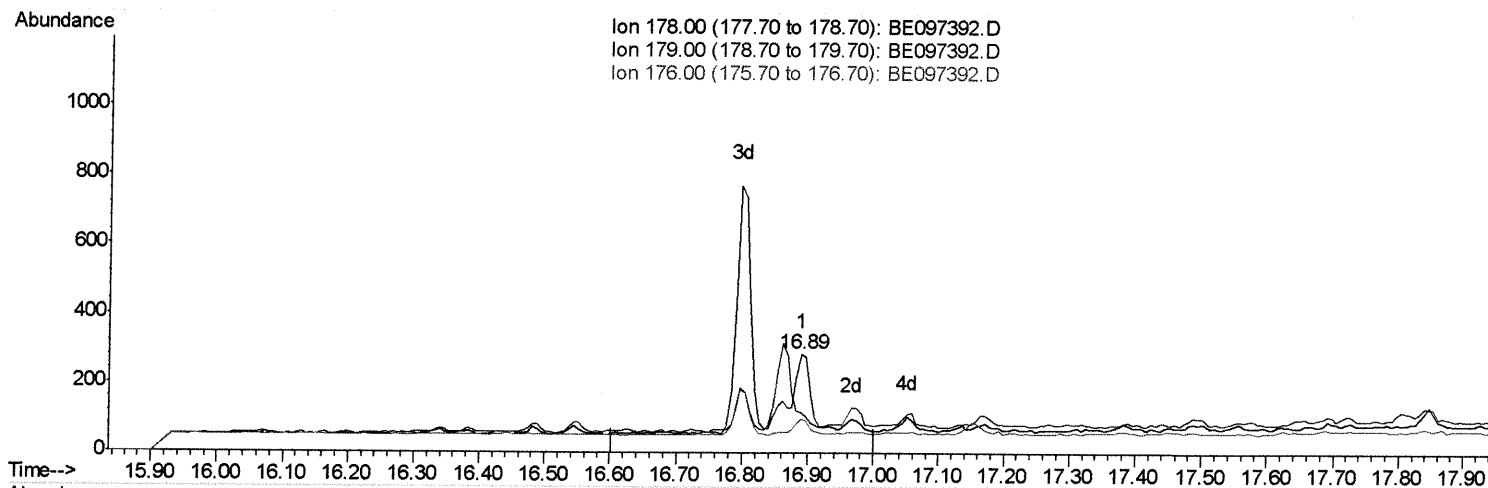
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE082918\
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Sohil
8/30/2018 5:36:43 PM

Quant Time: Aug 29 17:25:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(12) Phenanthrene

16.889min (+0.086) 0.02ng/ul

response 476

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	40.49#
176.00	17.00	34.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

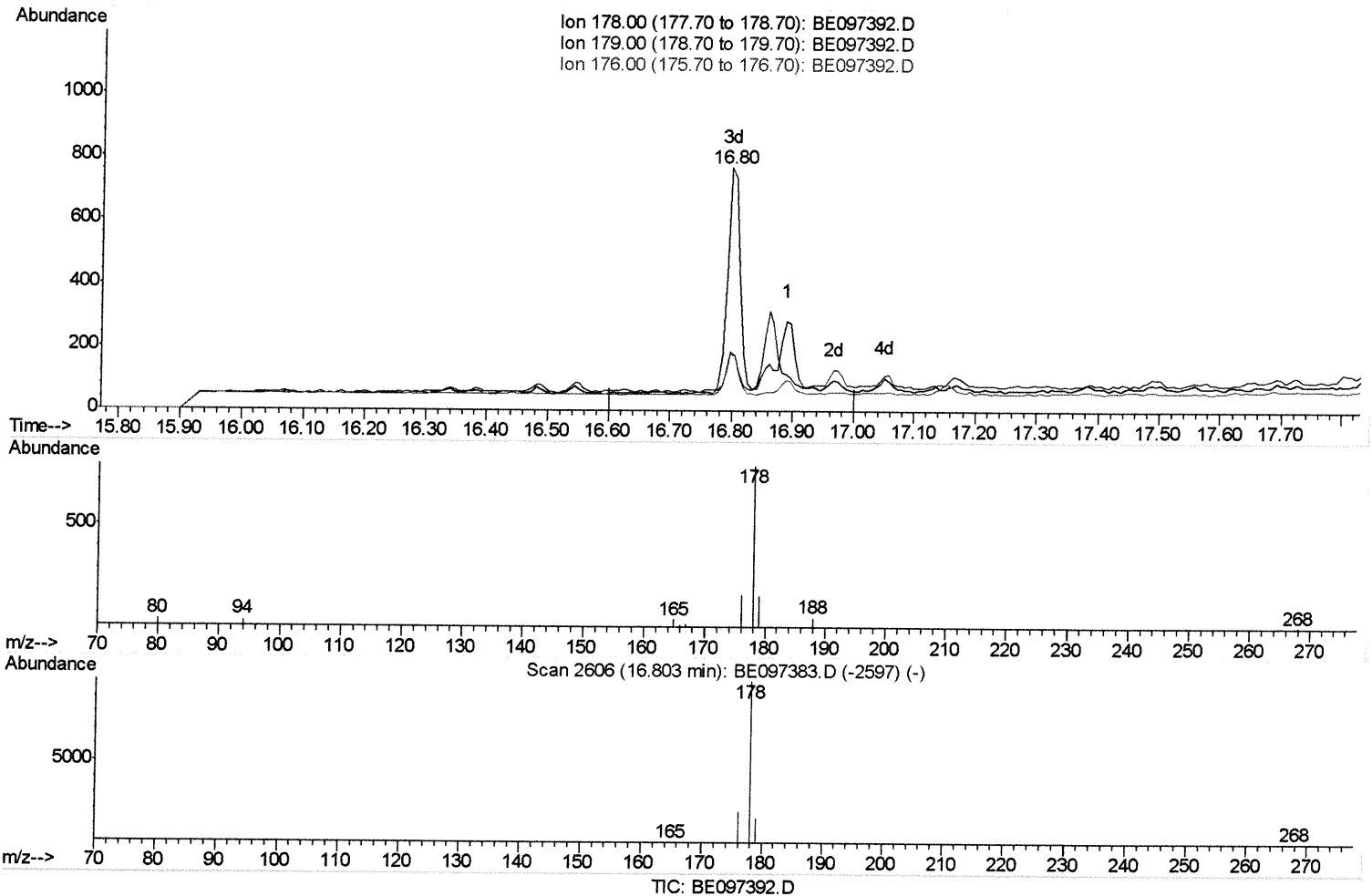
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(12) Phenanthrene

16.797min (-0.006) 0.05ng/ul m

SJ 9/4/18

response 1045

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	23.54
176.00	17.00	24.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

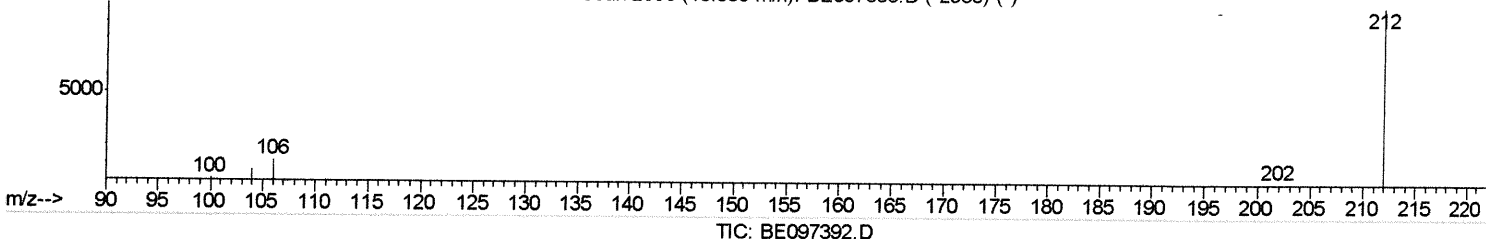
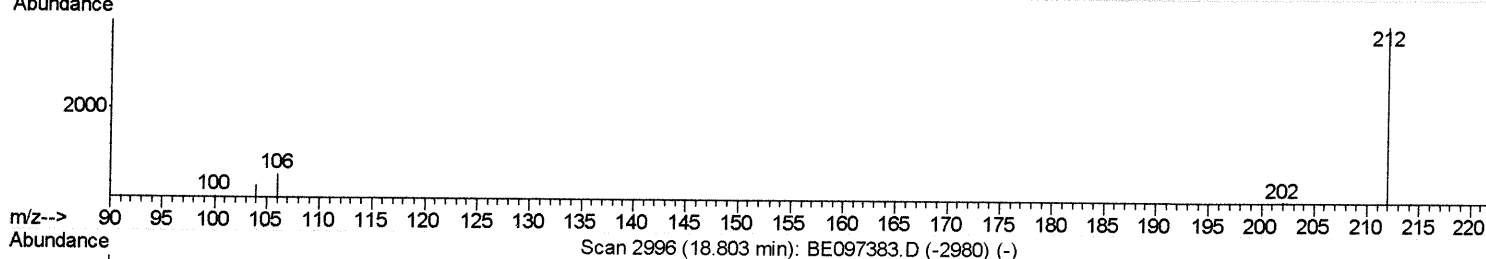
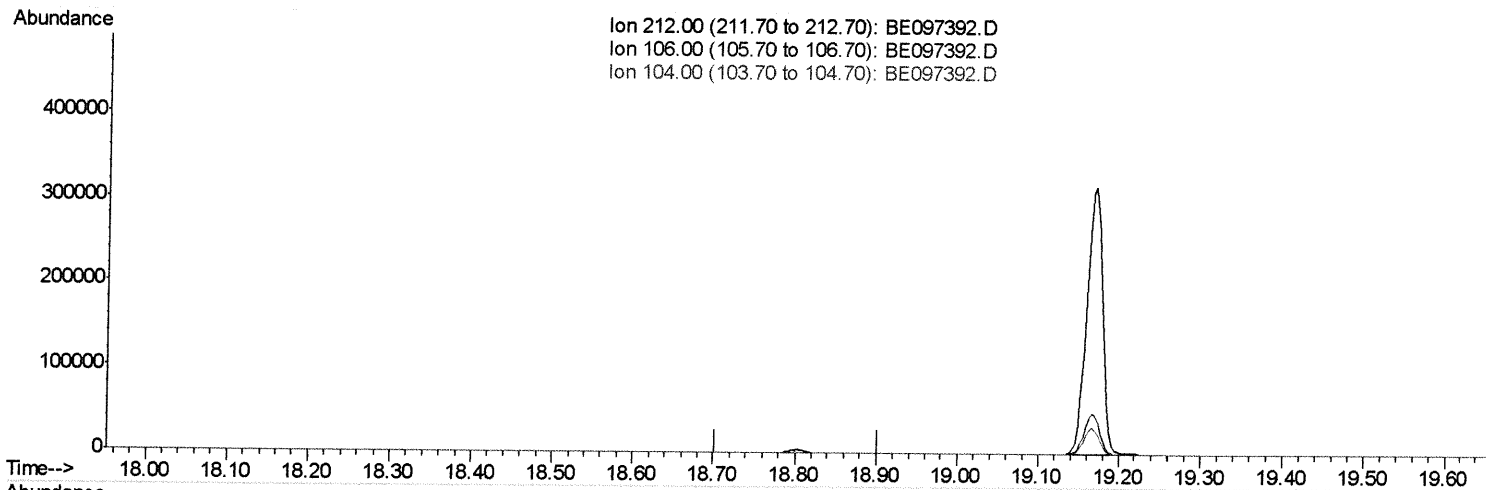
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(14) Fluoranthene-d10 (SURR)

18.803min (-18.803) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

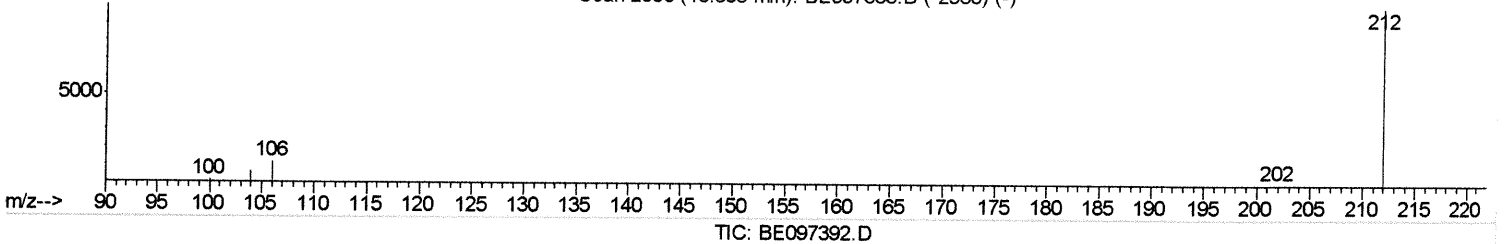
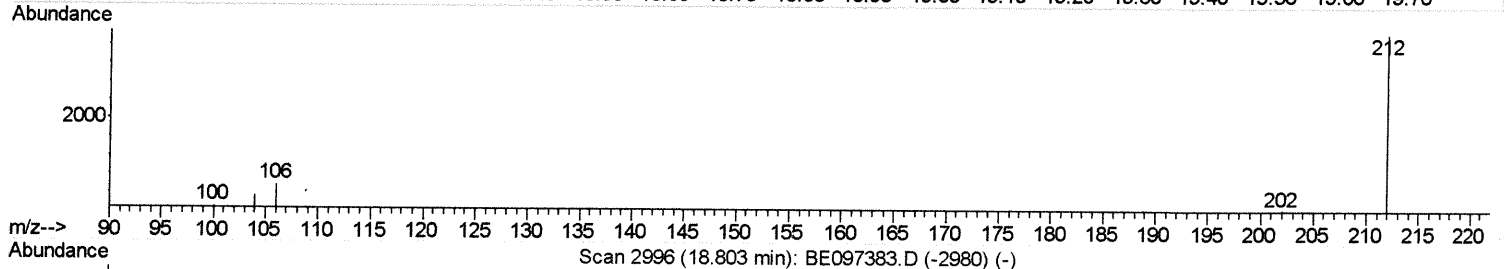
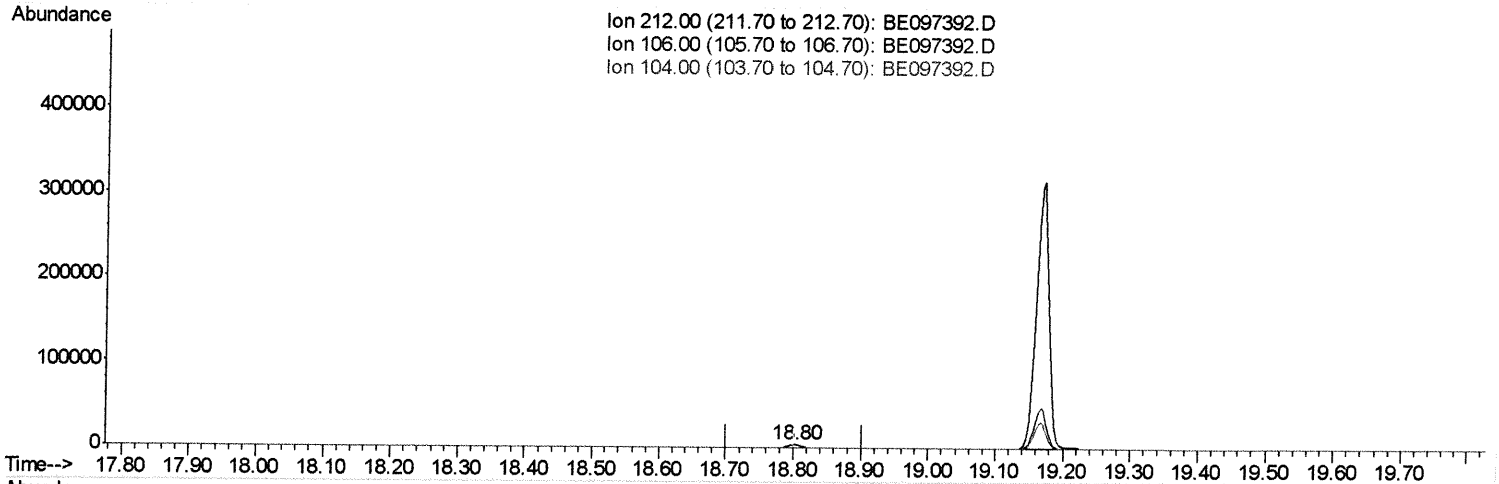
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 Operator : SJ/JU
 Sample : J4596-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Sohil
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(14) Fluoranthene-d10 (SURR)

18.802min (-0.001) 0.21ng/ul m

SJ 9/4/18

response 5272

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

Quantitation Report (Qedit)

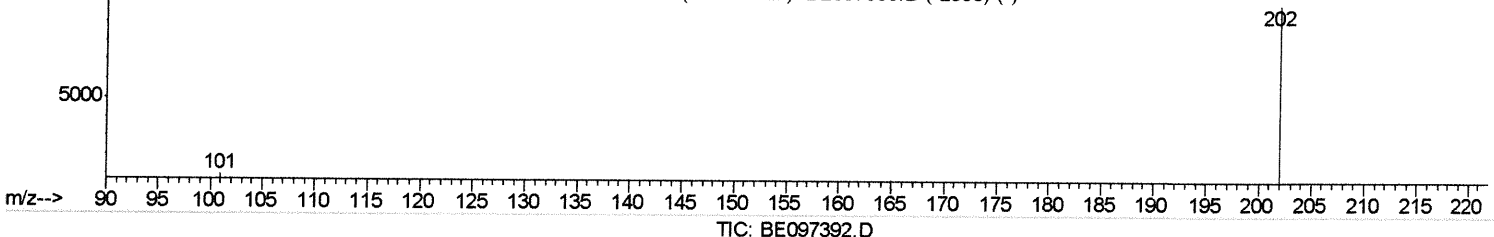
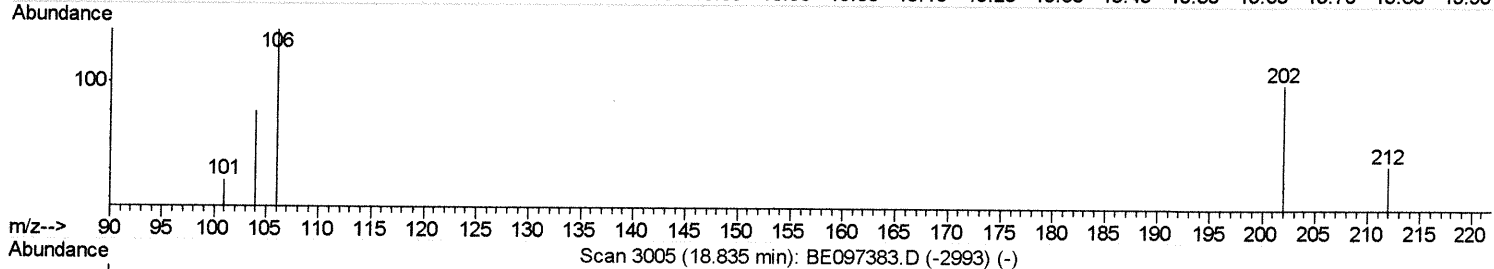
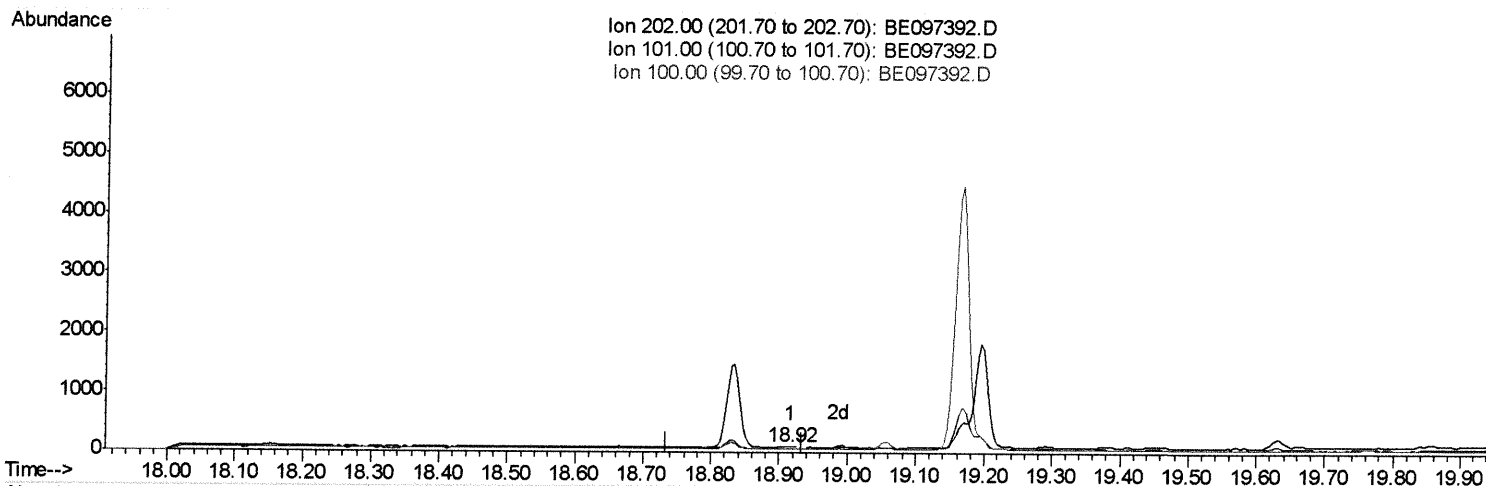
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(15) Fluoranthene (C)

18.916min (+0.081) 0.00ng/ul

response 13

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	66.00#
100.00	19.50	57.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

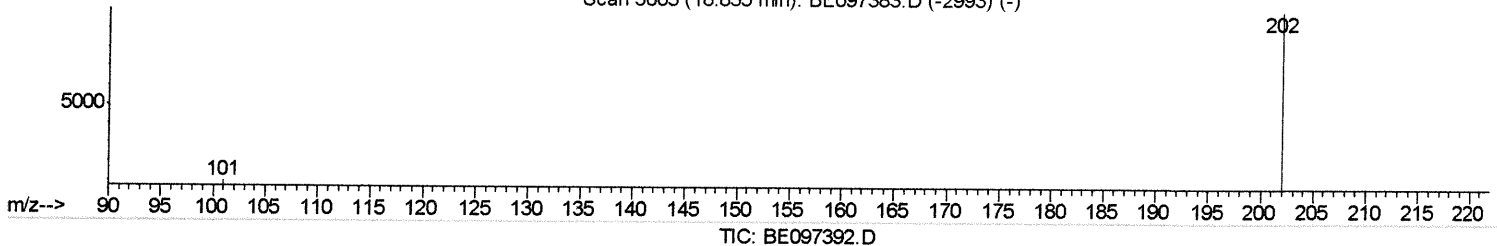
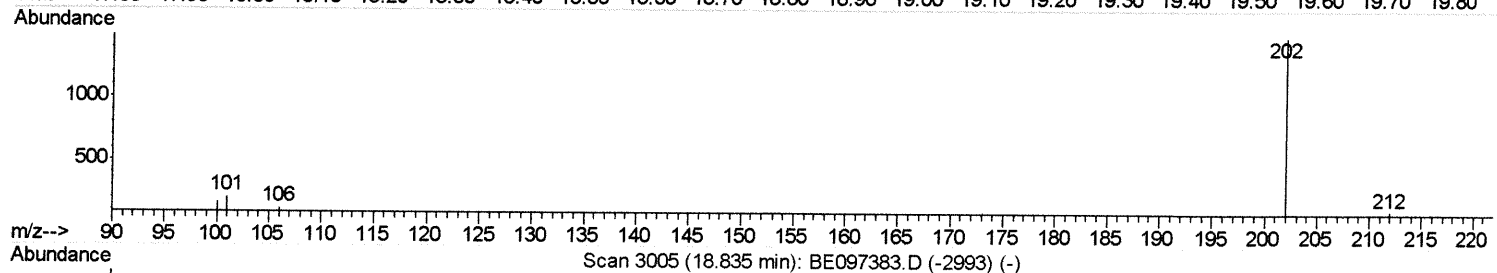
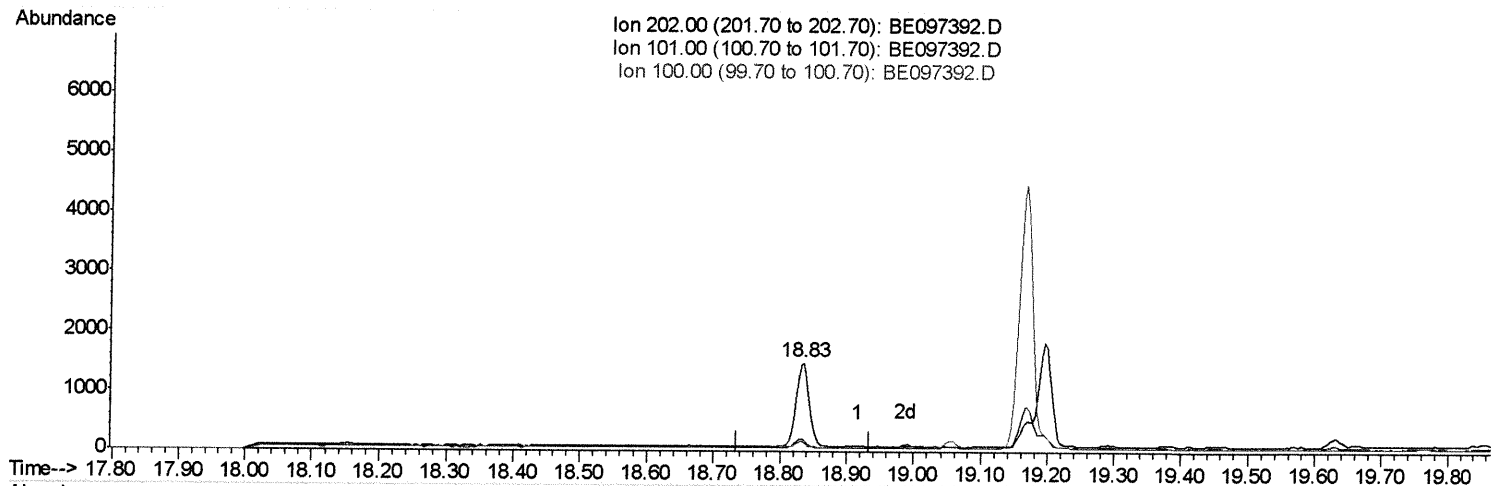
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE082918\
 Data File : BE097392.D
 Acq On : 29 Aug 2018 16:46
 Operator : SJ/JU
 Sample : J4596-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z29

Manual Integrations
 APPROVED

Sohil
 8/30/2018 5:36:43 PM

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(15) Fluoranthene (C)

18.834min (-0.001) 0.08ng/ul m

SJ 9/4/18

response 1923

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	13.65
100.00	19.50	10.84
0.00	0.00	0.00

Quantitation Report (Qedit)

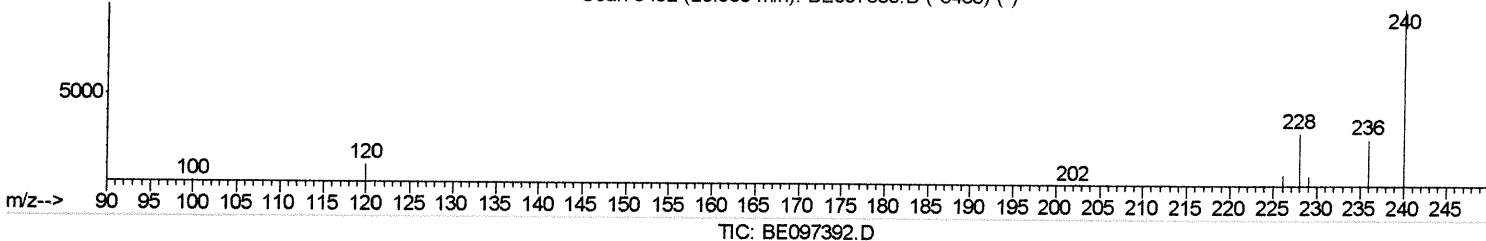
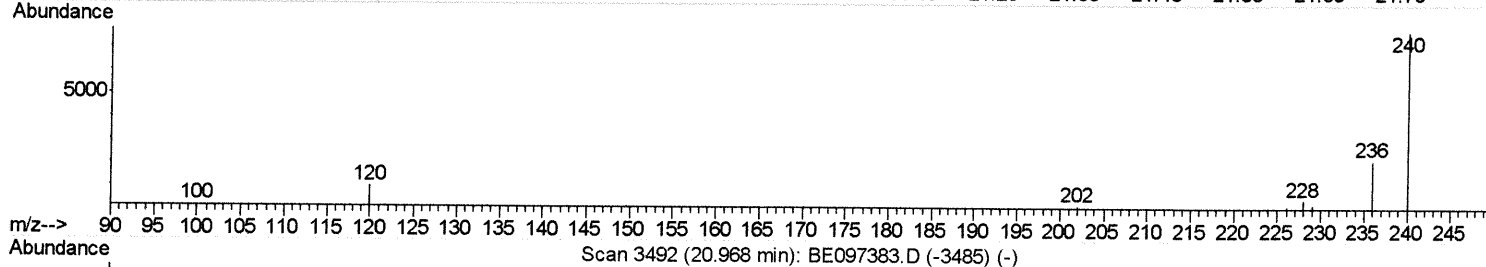
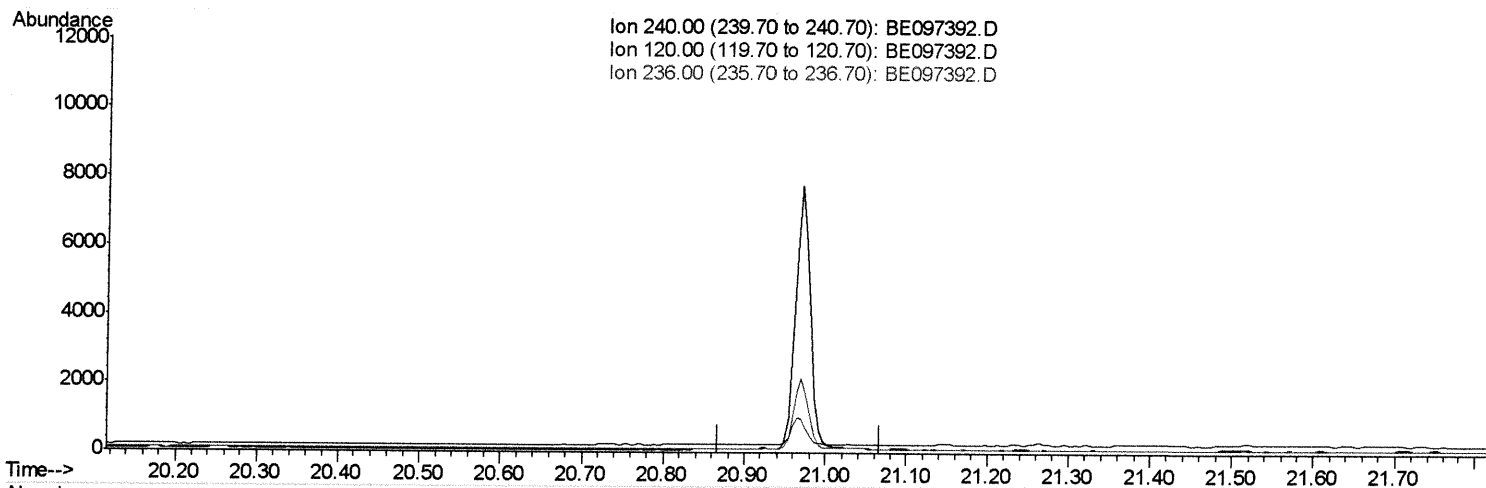
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE082918\
Data File : BE097392.D
Acq On : 29 Aug 2018 16:46
Operator : SJ/JU
Sample : J4596-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
A3Z29

Manual Integrations
APPROVED

Sohil
8/30/2018 5:36:43 PM

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(16) Chrysene-d12 (I)

20.968min (-20.968) 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)

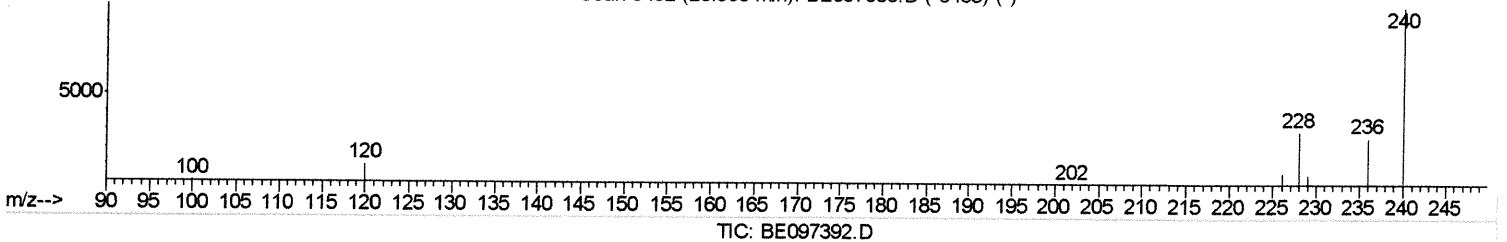
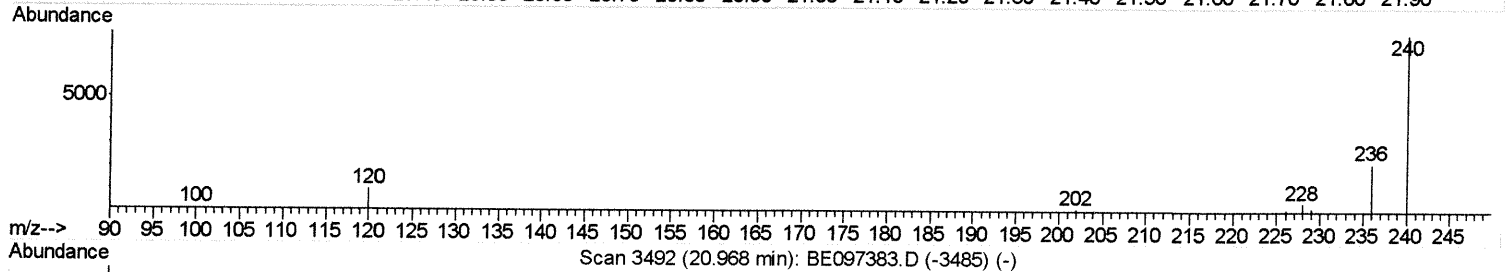
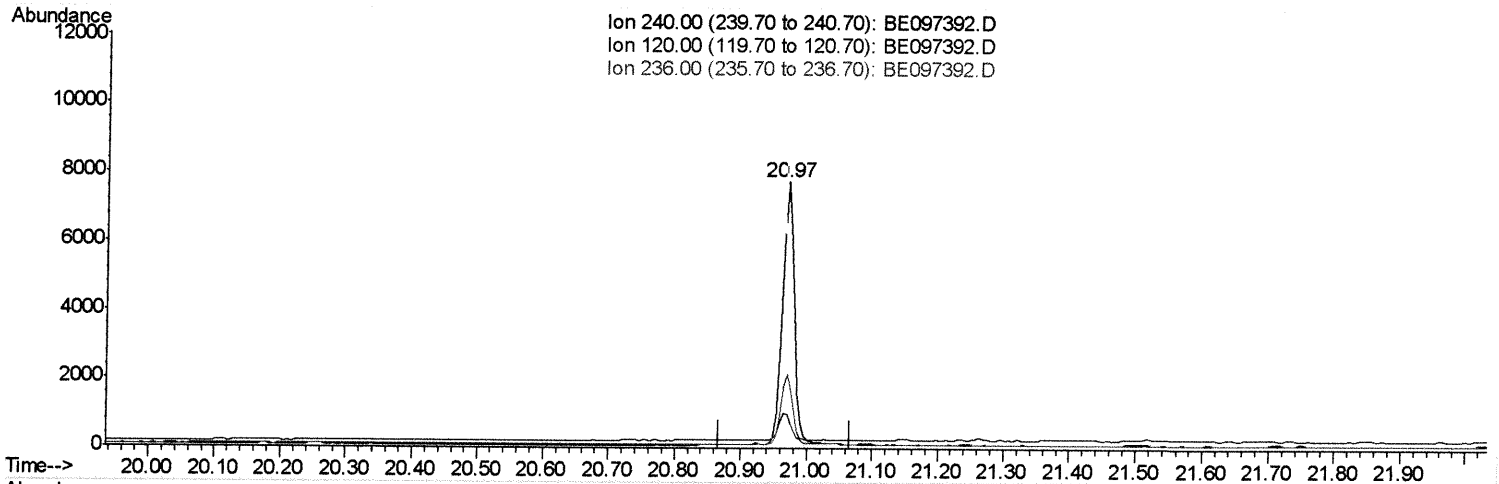
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 Data File : BE097392.D
 Acq On : 29 Aug 2018 16:46
 Operator : SJ/JU
 Sample : J4596-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z29

Manual Integrations
 APPROVED

Sohil
 8/30/2018 5:36:43 PM

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(16) Chrysene-d12 (I)

20.969min (+0.001) 0.40ng/ul m

SJ 9/4/18

response 9542

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	12.94#
236.00	34.90	27.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

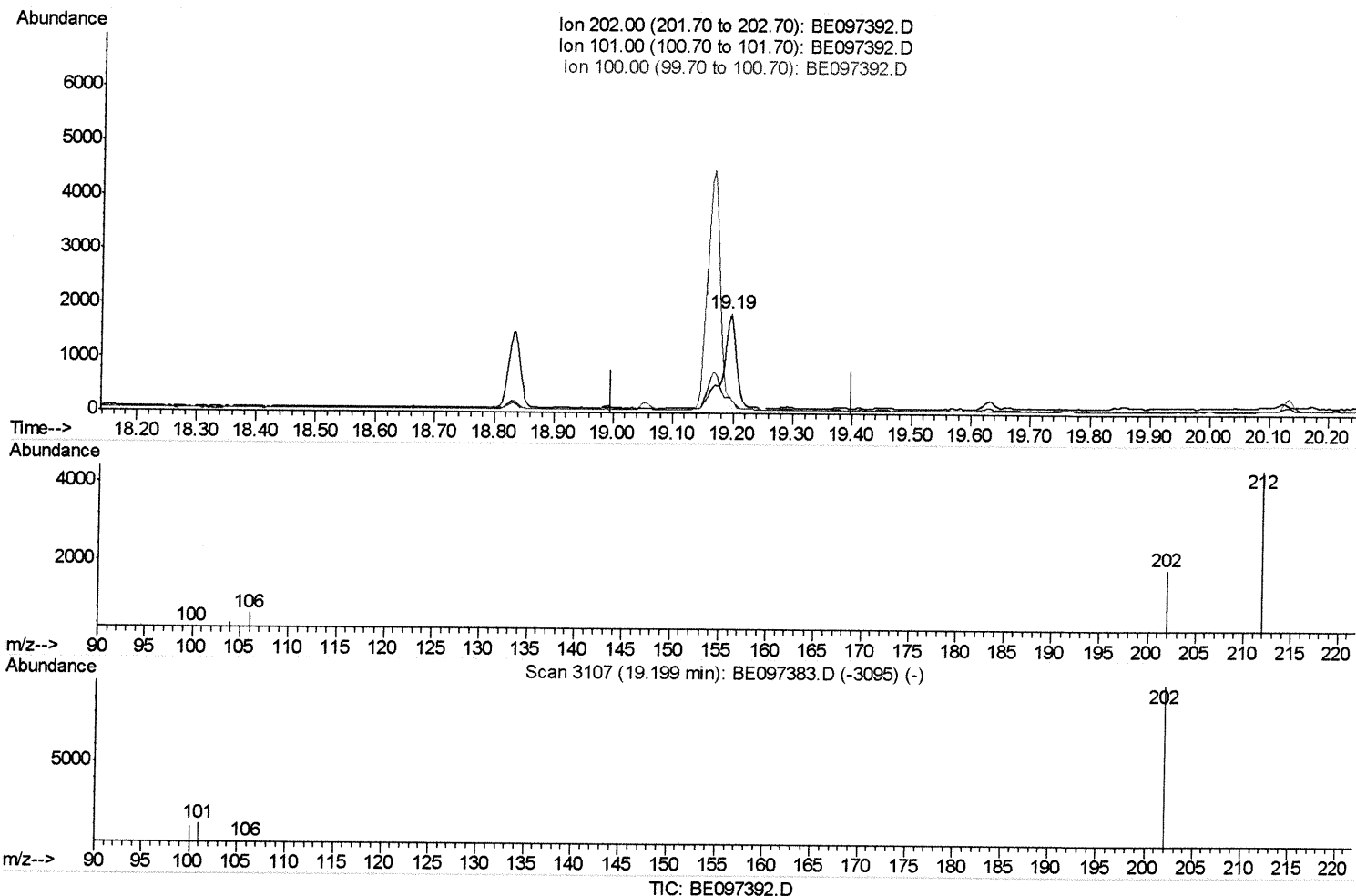
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE082918\
Data File : BE097392.D
Acq On : 29 Aug 2018 16:46
Operator : SJ/JU
Sample : J4596-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Z29

Manual Integrations
APPROVED

Sohil
8/30/2018 5:36:43 PM

Quant Time: Aug 29 17:28:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(17) Pyrene

19.194min (-0.005) 0.11ng/ul

response 2838

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	15.52#
100.00	19.50	15.63
0.00	0.00	0.00

Quantitation Report (Qedit)

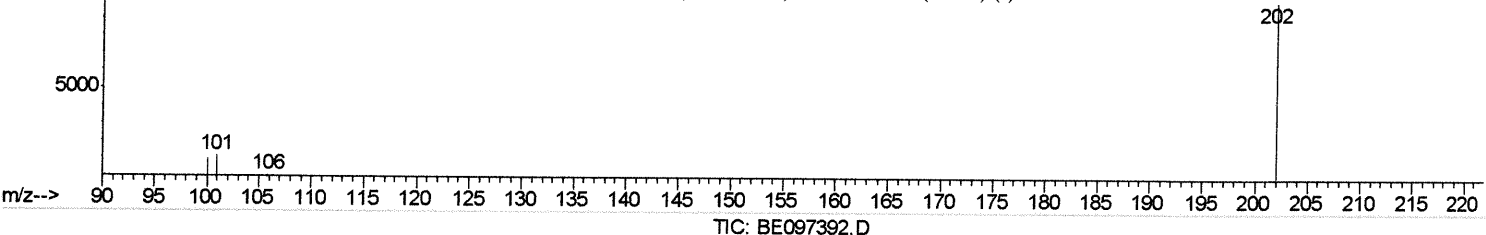
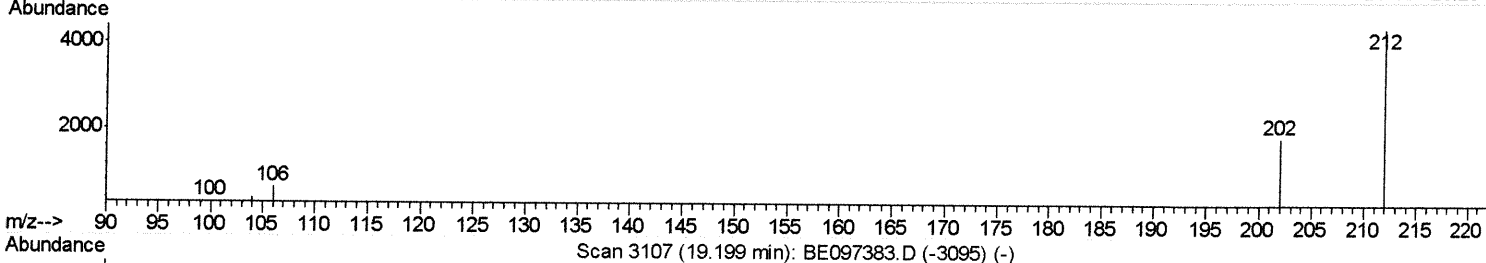
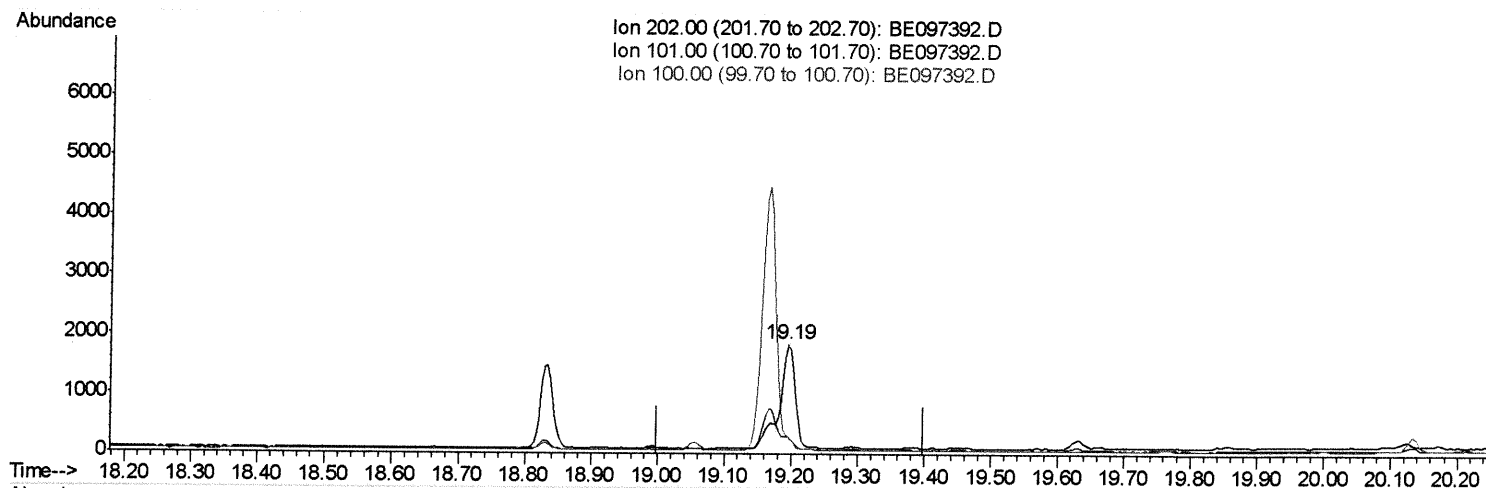
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(17) Pyrene

19.194min (-0.005) 0.09ng/ul m

SJ 9/4/18

response 2361

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	15.52#
100.00	19.50	15.63
0.00	0.00	0.00

Quantitation Report (Qedit)

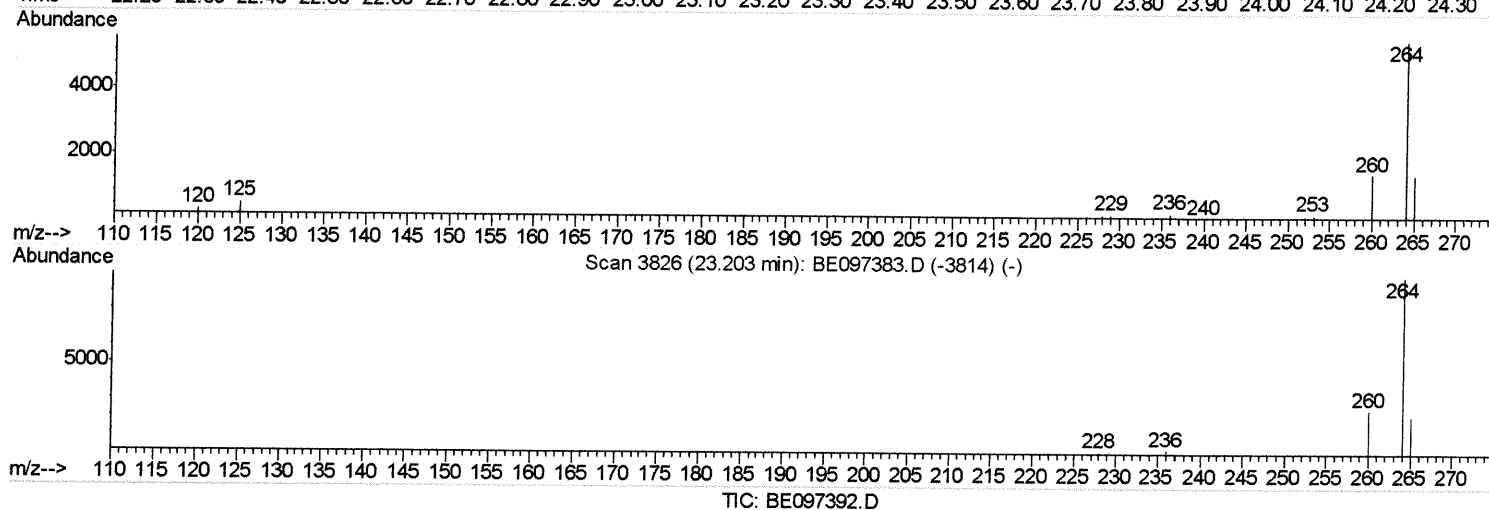
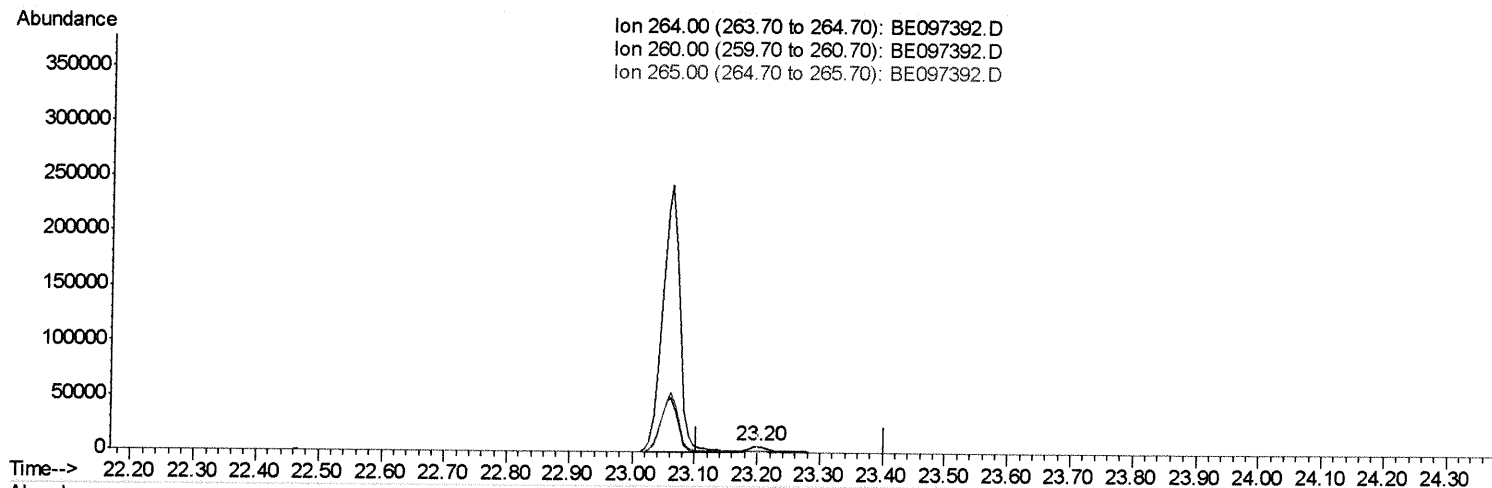
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(20) Perylene-d12 (I)

23.202min (-0.001) 0.40ng/ul

response 12902

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.93
265.00	103.50	25.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

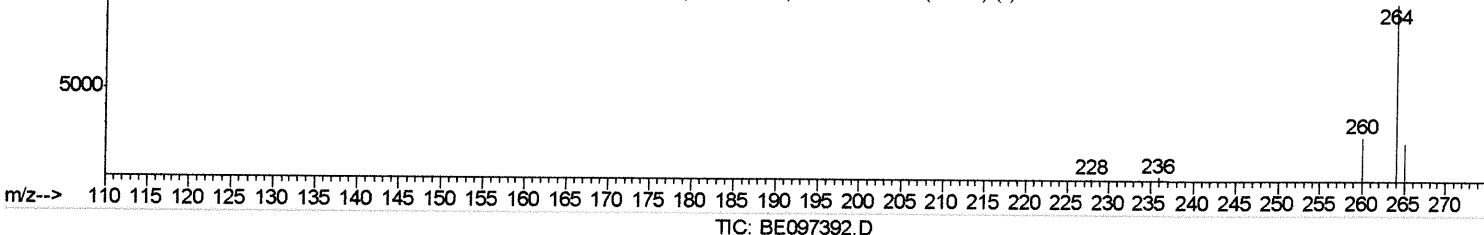
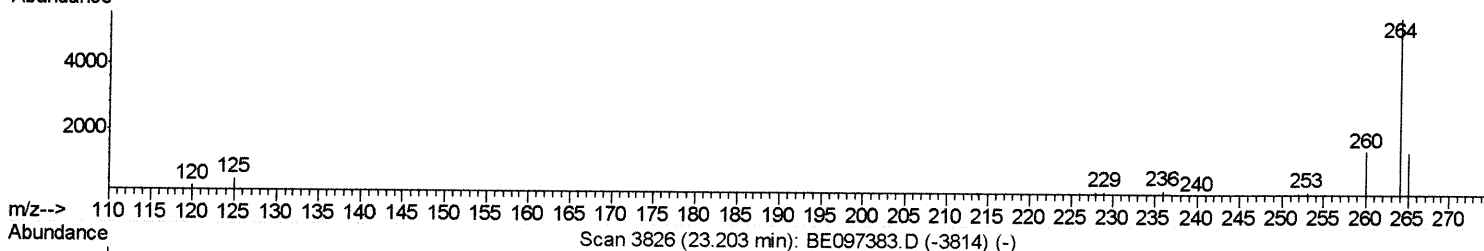
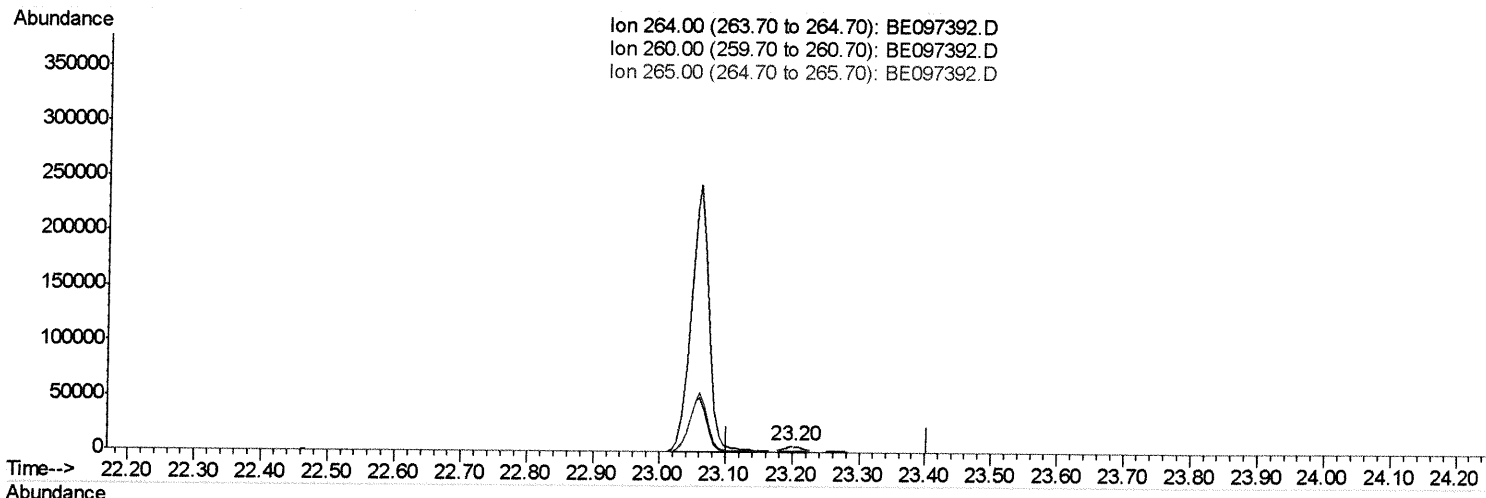
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(20) Perylene-d12 (I)

23.202min (-0.001) 0.40ng/ul m

SJ9/4/18

response 8485

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.93
265.00	103.50	25.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

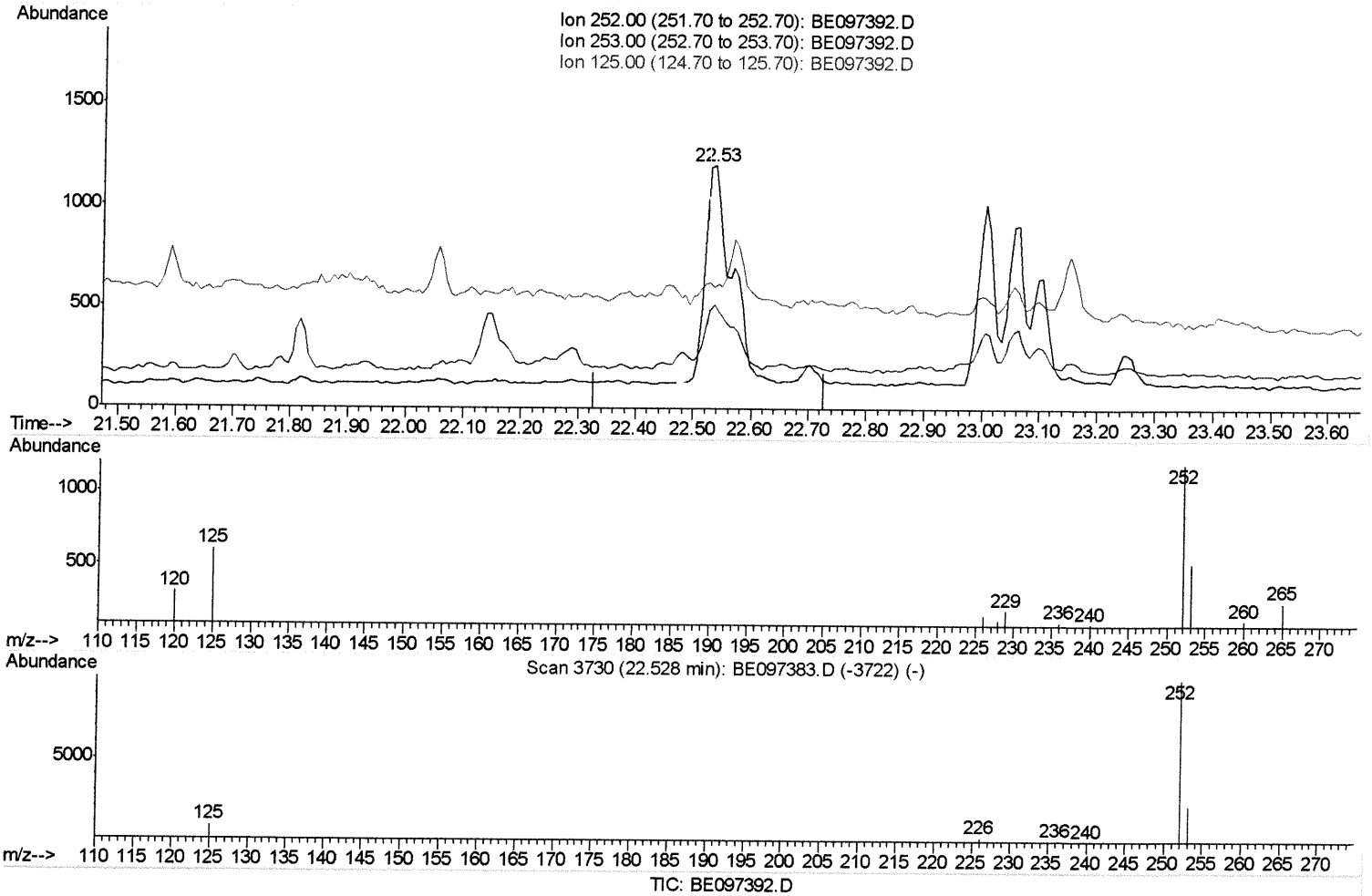
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 29 13:18:39 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.534min (+0.006) 0.15ng/ul
 response 3402

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	42.88
125.00	17.50	50.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

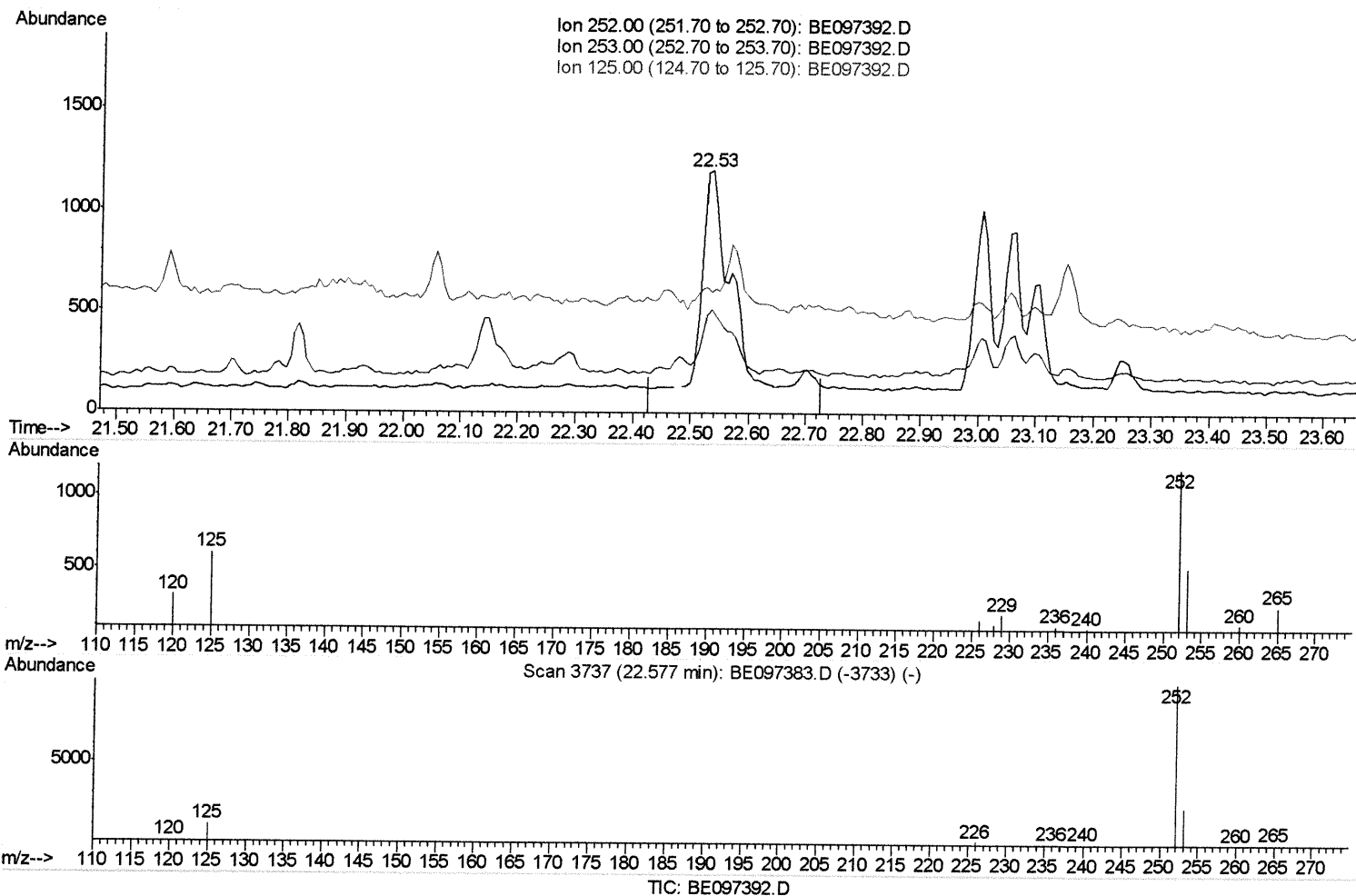
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE082918\
 Data File : BE097392.D
 Acq On : 29 Aug 2018 16:46
 Operator : SJ/JU
 Sample : J4596-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z29

Manual Integrations
 APPROVED

Sohil
 8/30/2018 5:36:43 PM

Quant Time: Aug 29 17:29:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 29 13:18:39 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.534min (-0.044) 0.13ng/ul

response 3402

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	42.88#
125.00	17.10	50.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

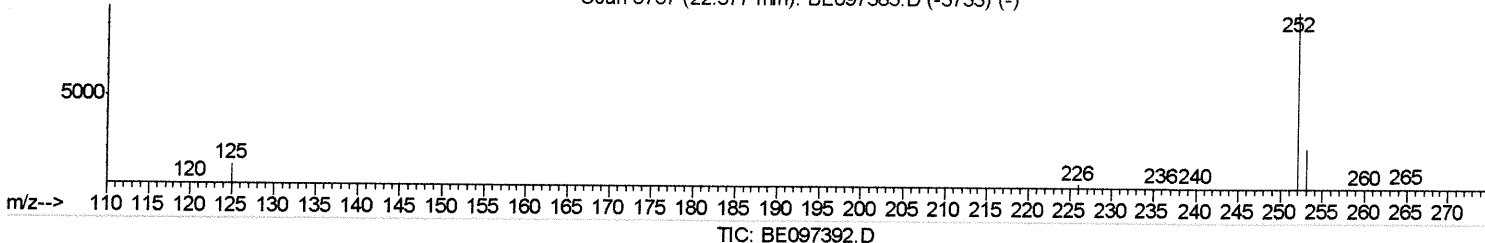
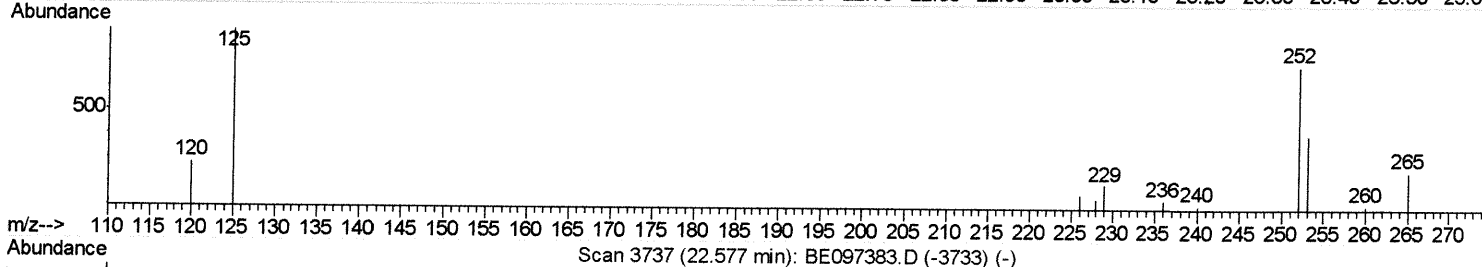
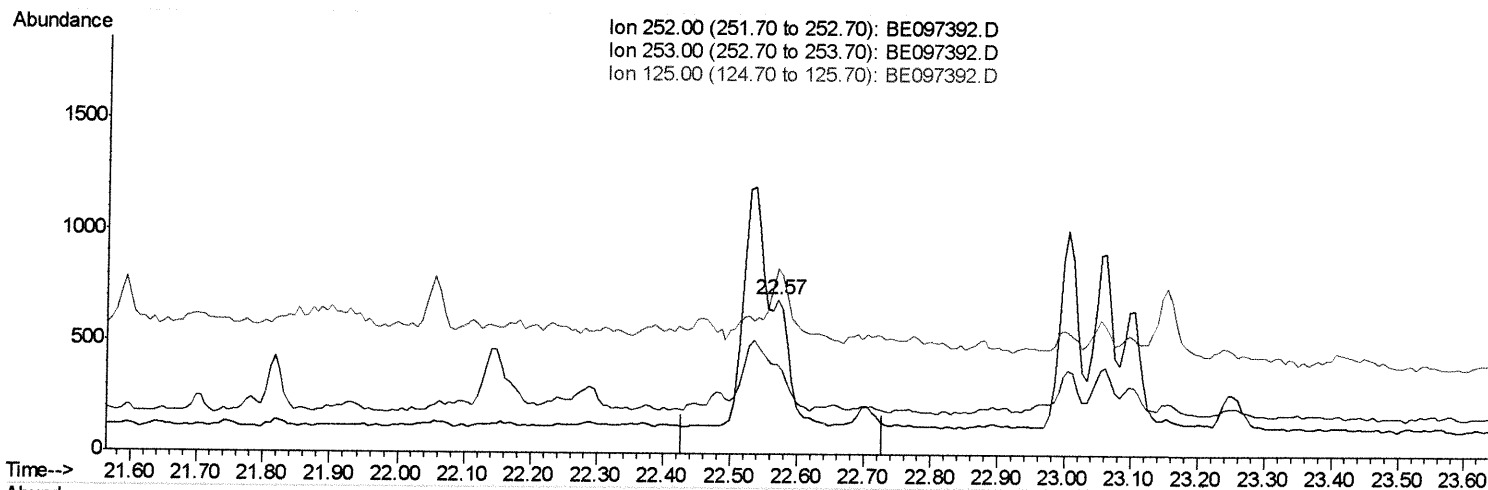
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE082918\
 Data File : BE097392.D
 Acq On : 29 Aug 2018 16:46
 Operator : SJ/JU
 Sample : J4596-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A3Z29

Manual Integrations
 APPROVED

Sohil
 8/30/2018 5:36:43 PM

Quant Time: Aug 29 17:29:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 29 13:18:39 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.569min (-0.008) 0.04ng/ul m

SJ 9/4/18

response 1050

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	58.33#
125.00	17.10	119.97#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE082918\
 Data File : BE097392.D
 Acq On : 29 Aug 2018 16:46
 Operator : SJ/JU
 Sample : J4596-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A3Z29

Manual Integrations
 APPROVED

Sohil
 8/30/2018 5:36:43 PM

Quant Time: Aug 29 17:31:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 29 13:18:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	828	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4135	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	2672	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	7565m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9542m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	8485m	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.72	152	1377	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	5272m	0.21	ng/ul	0.00

Target Compounds

					Qvalue	
12) Phenanthrene	16.80	178	1045m	0.054	ng/ul	
15) Fluoranthene	18.83	202	1923m	0.077	ng/ul	
17) Pyrene	19.19	202	2361m	0.092	ng/ul	
18) Benzo(a)anthracene	20.95	228	1133	0.046	ng/ul#	71
19) Chrysene	21.01	228	2350	0.083	ng/ul#	80
21) Benzo(b)fluoranthene	22.53	252	2364m	0.104	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	1050m	0.041	ng/ul	
23) Benzo(a)pyrene	23.10	252	928	0.044	ng/ul#	41
24) Indeno(1,2,3-cd)pyrene	25.49	276	854	0.031	ng/ul#	87
26) Benzo(g,h,i)perylene	26.20	276	949	0.041	ng/ul#	68

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