

Quantitation Report (QT Reviewed)

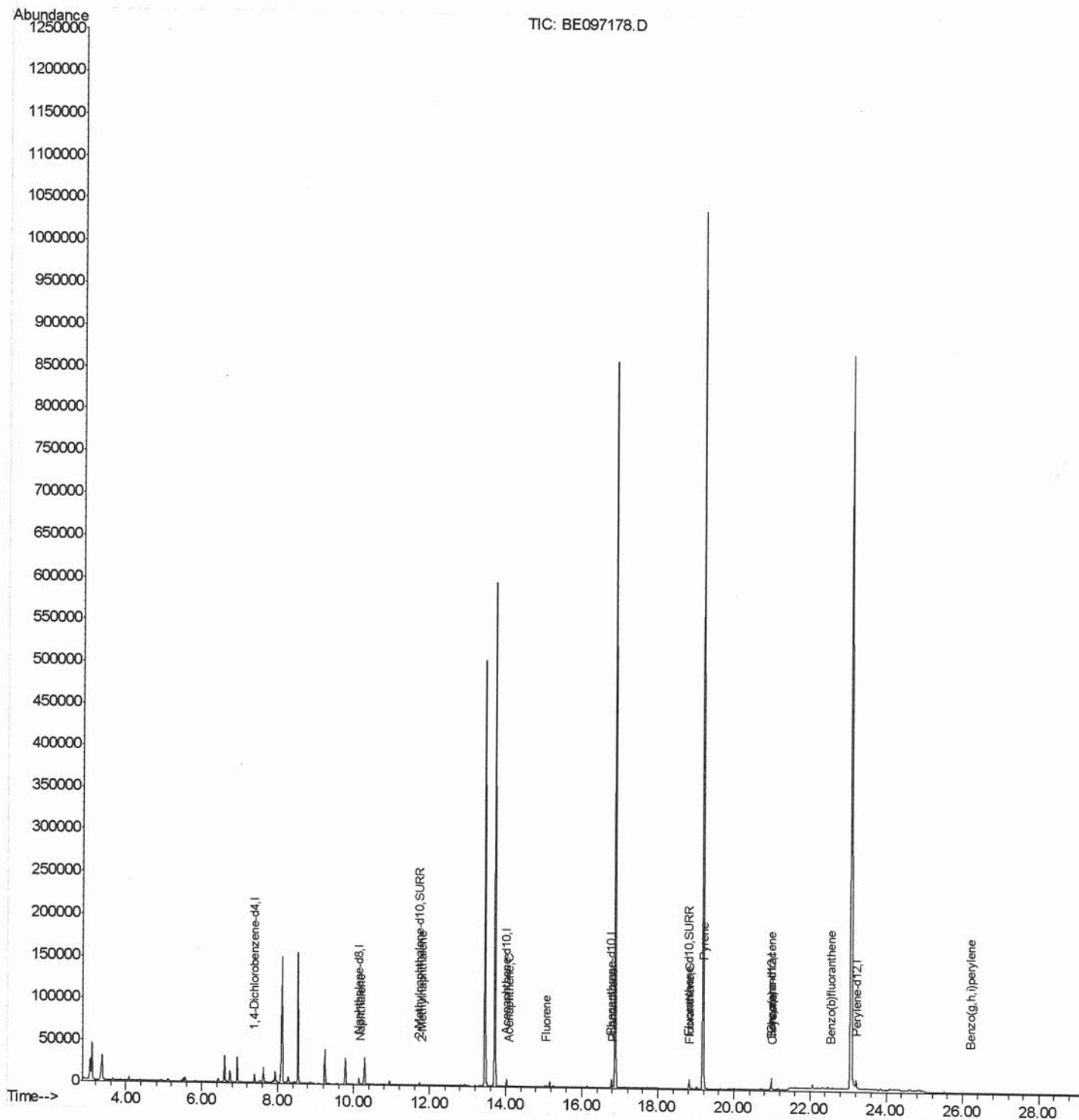
Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE080318\
 Data File : BE097178.D
 Acq On : 3 Aug 2018 13:01
 Operator : SJ/JU
 Sample : J4172-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0D05

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:22 PM

Quant Time: Aug 03 15:48:16 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 : Fri Aug 03 11:26:05 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

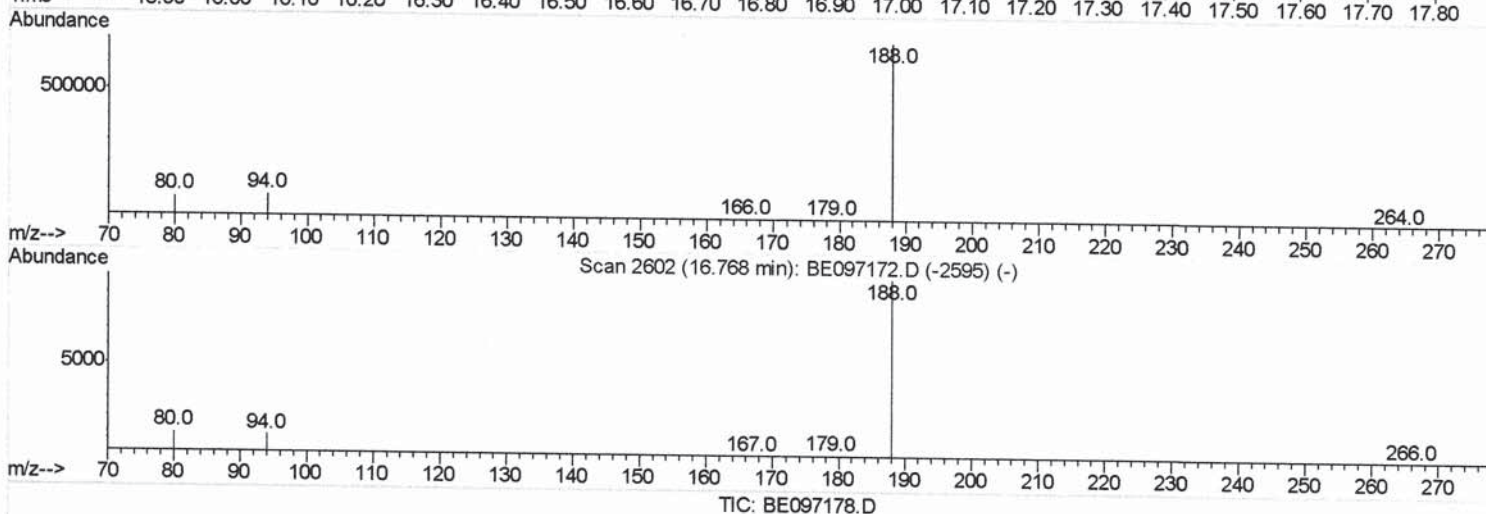
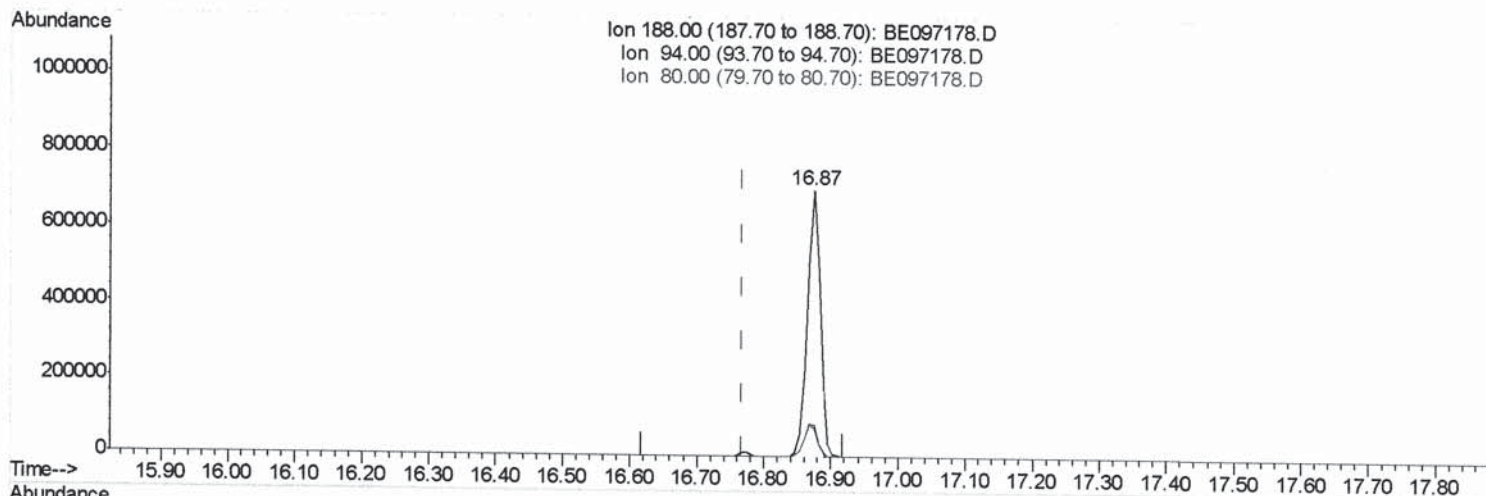
Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE080318\
Data File : BE097178.D
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C0D05

Manual Integrations
APPROVED

Sohil
8/6/2018 4:32:22 PM

Quant Time: Aug 03 15:06:29 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 : Fri Aug 03 11:26:05 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.874min (+0.105) 0.40ng/ul

response 919092

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.92
80.00	11.80	10.58
0.00	0.00	0.00

Quantitation Report (Qedit)

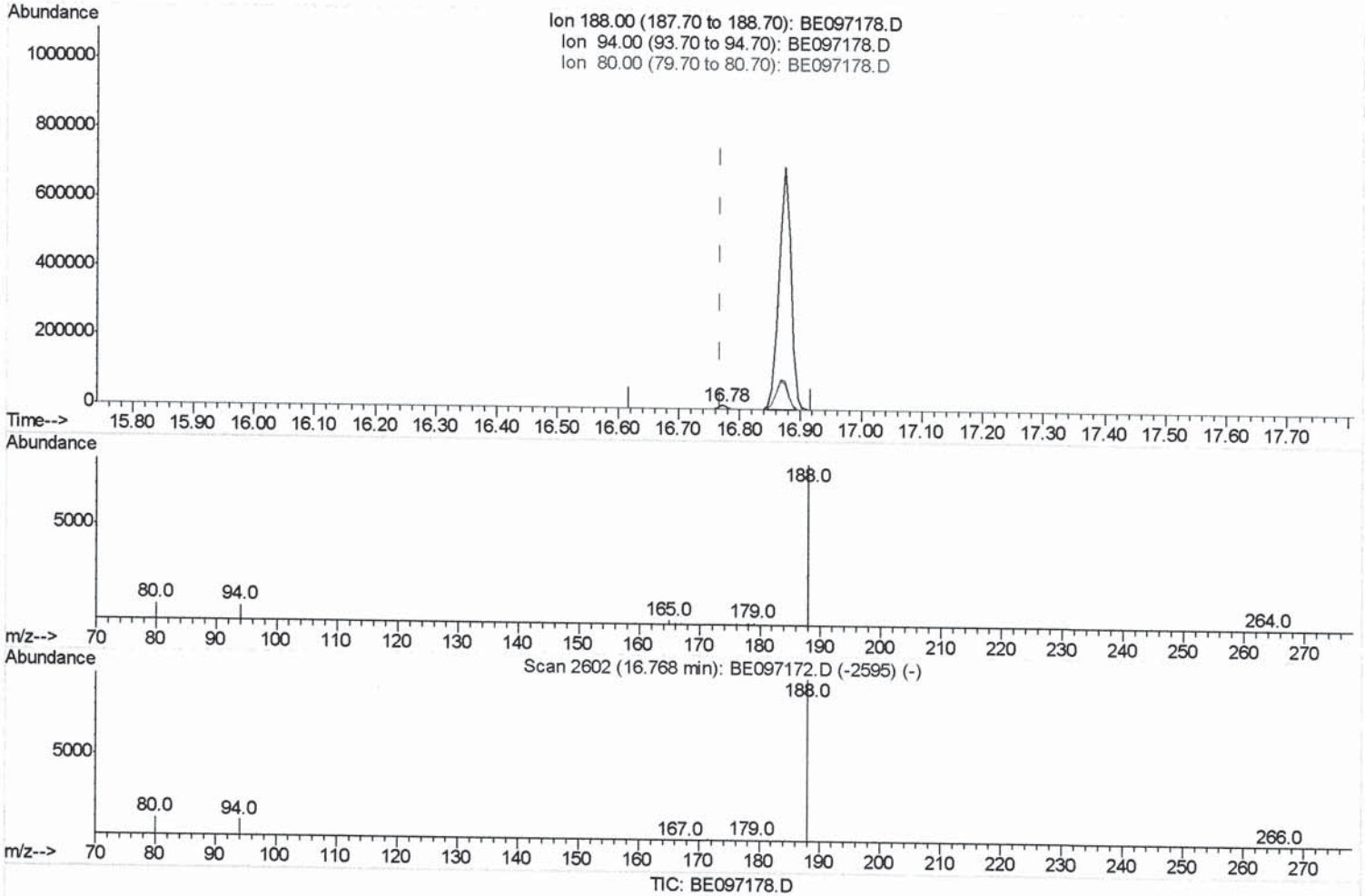
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(10) Phenanthrene-d10 (I)

16.775min (+0.006) 0.40ng/ul m

response 12037

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.81
80.00	11.80	10.43
0.00	0.00	0.00

Quantitation Report (Qedit)

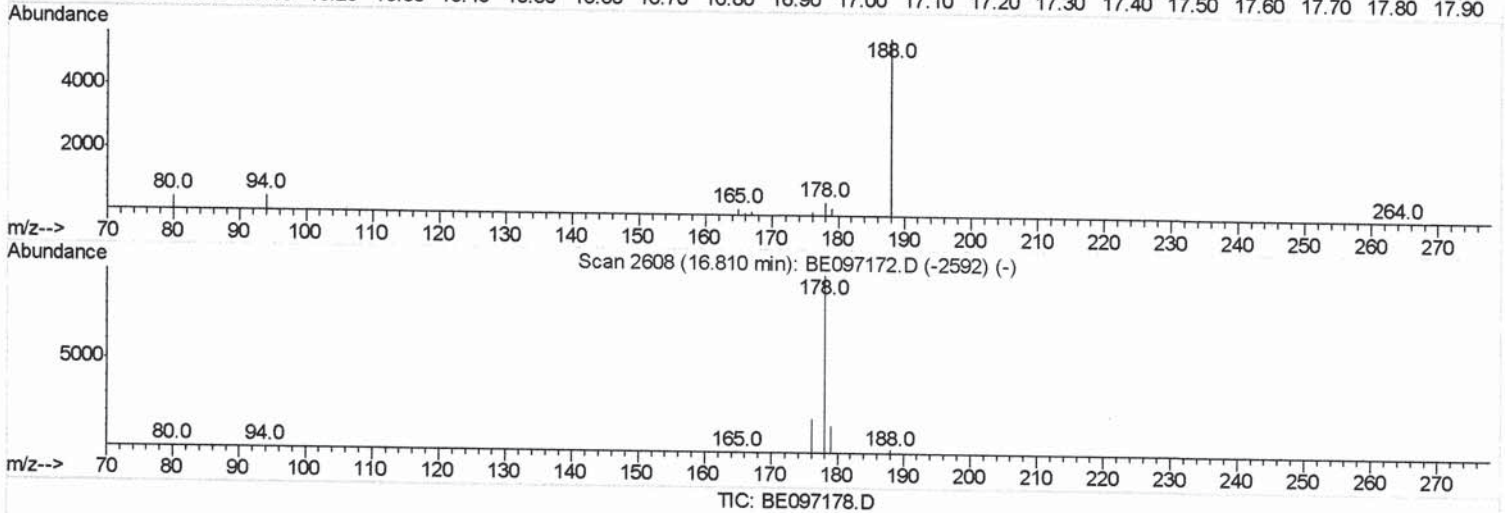
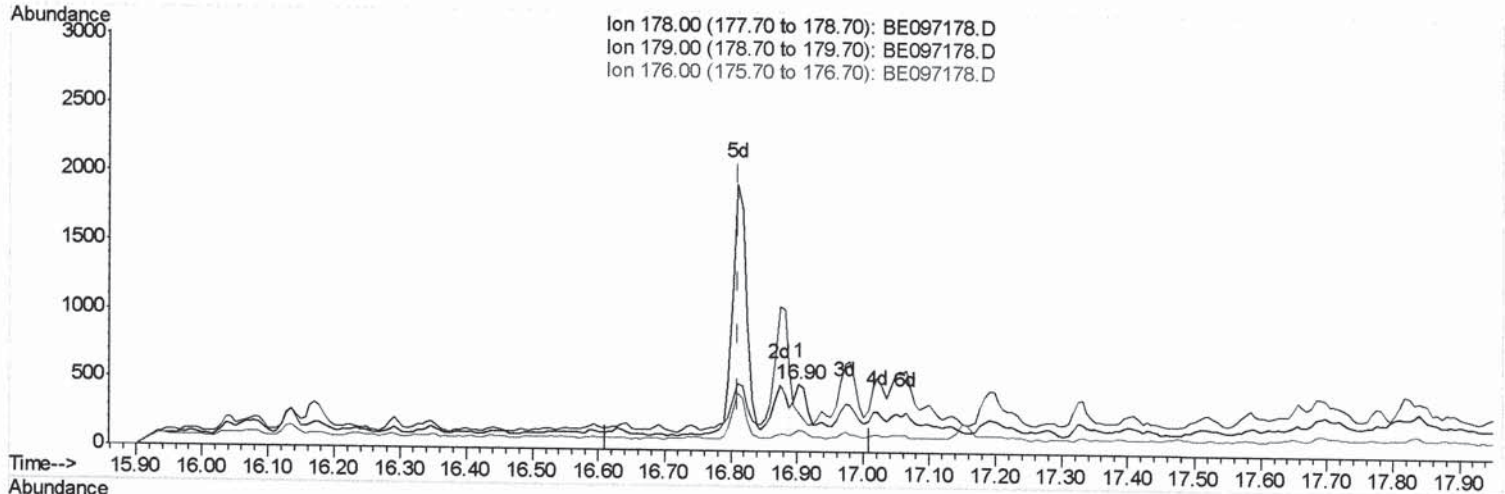
Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE080318\
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Manual Integrations
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Sohil
 8/6/2018 4:32:22 PM

Quant Time: Aug 03 15:39:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
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(12) Phenanthrene

16.902min (+0.091) 0.02ng/ul

response 499

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	56.59#
176.00	17.00	32.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

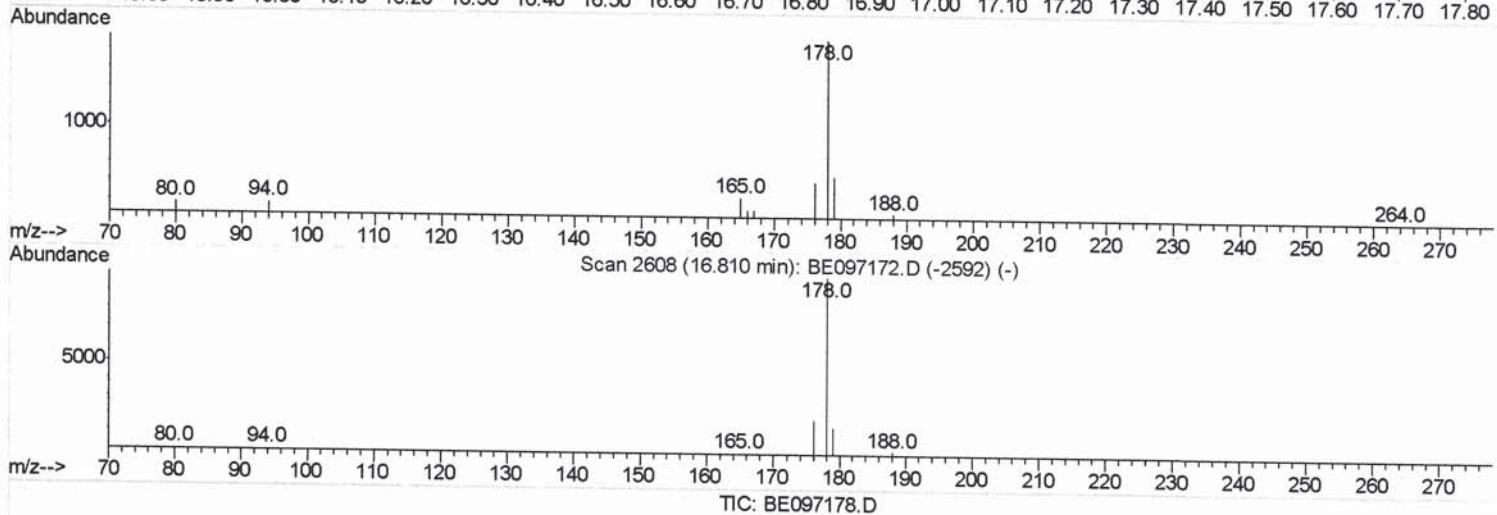
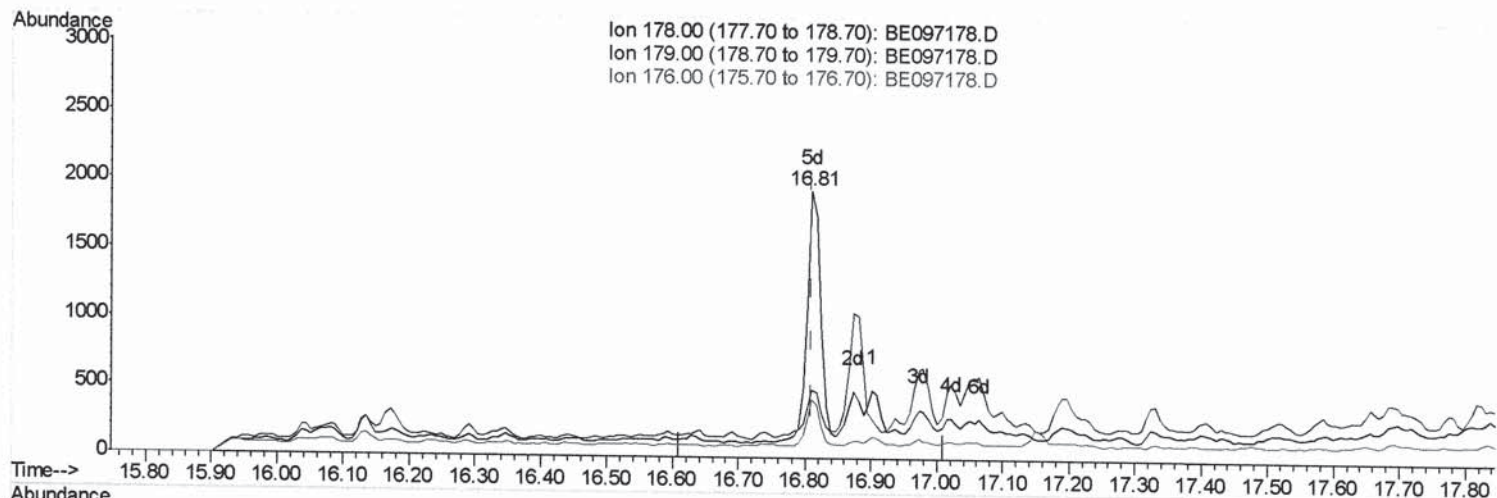
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(12) Phenanthrene

16.810min (-0.001) 0.09ng/ul m

SJ 8/7/18

response 2699

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	25.39
176.00	17.00	21.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

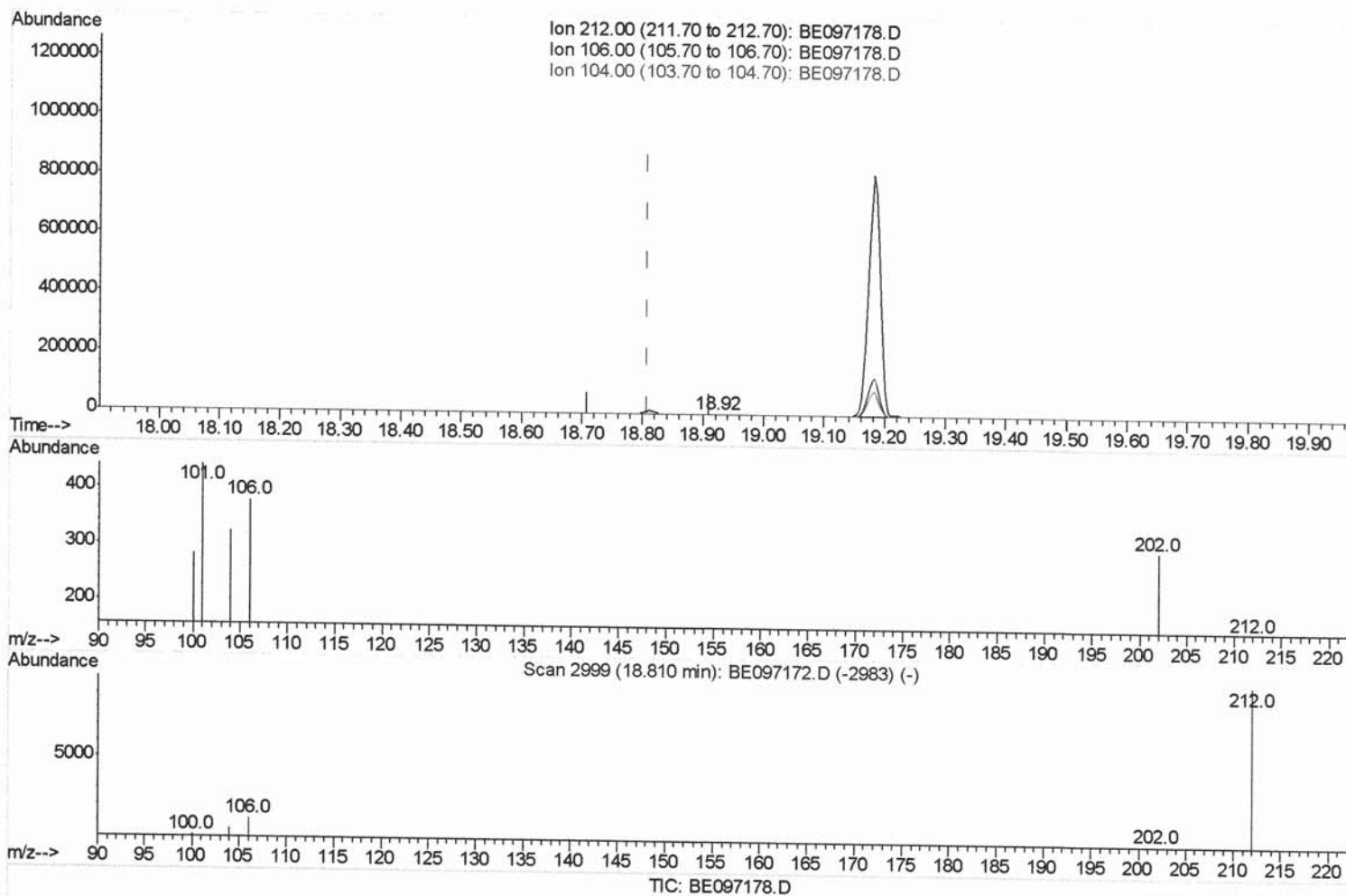
Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE080318\
Data File : BE097178.D
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(14) Fluoranthene-d10 (SURR)

18.921min (+0.111) 0.00ng/ul

response 107

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	173.83#
104.00	15.60	316.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

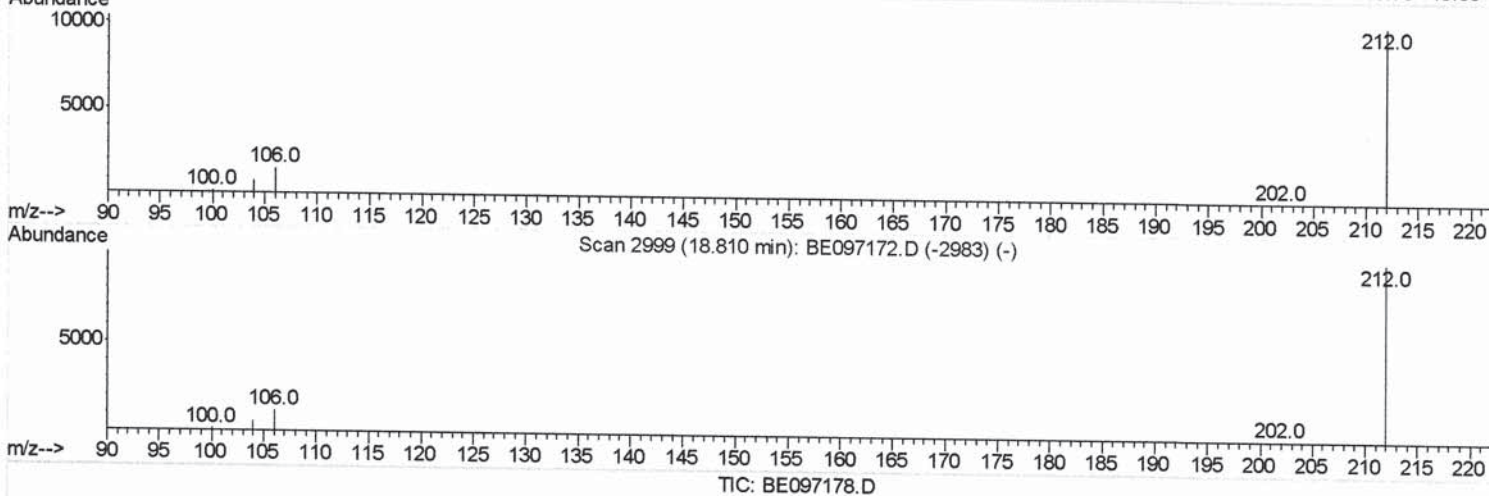
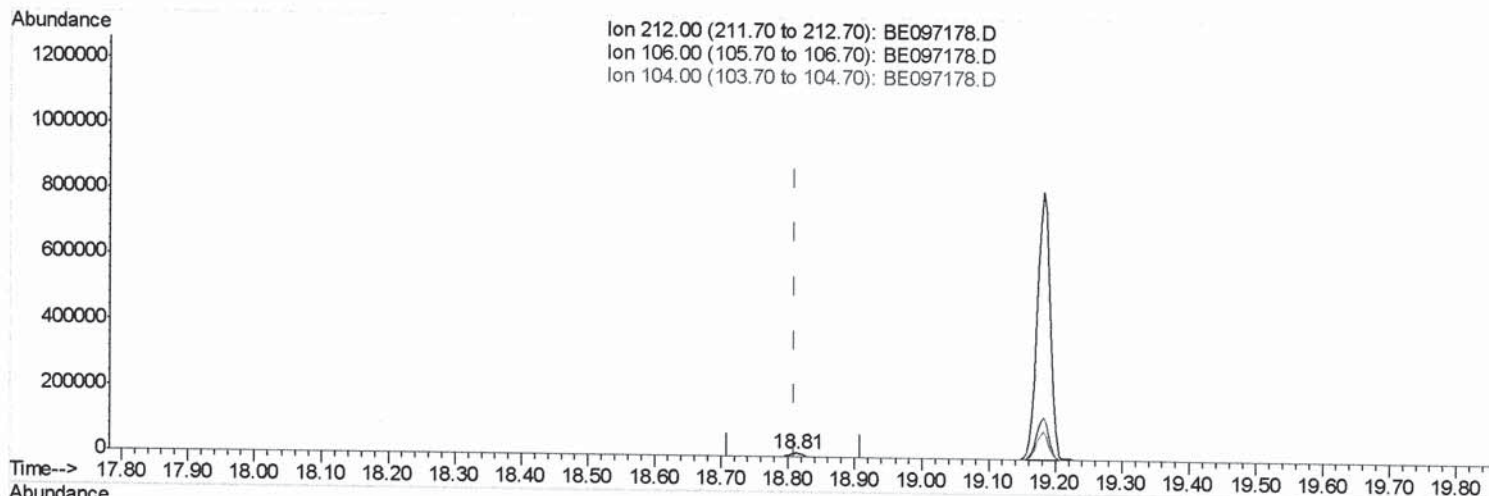
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Manual Integrations
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(14) Fluoranthene-d10 (SURR)

18.811min (+0.001) 0.34ng/ul m

response 13918

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	1.34#
104.00	15.60	2.44#
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (Qedit)

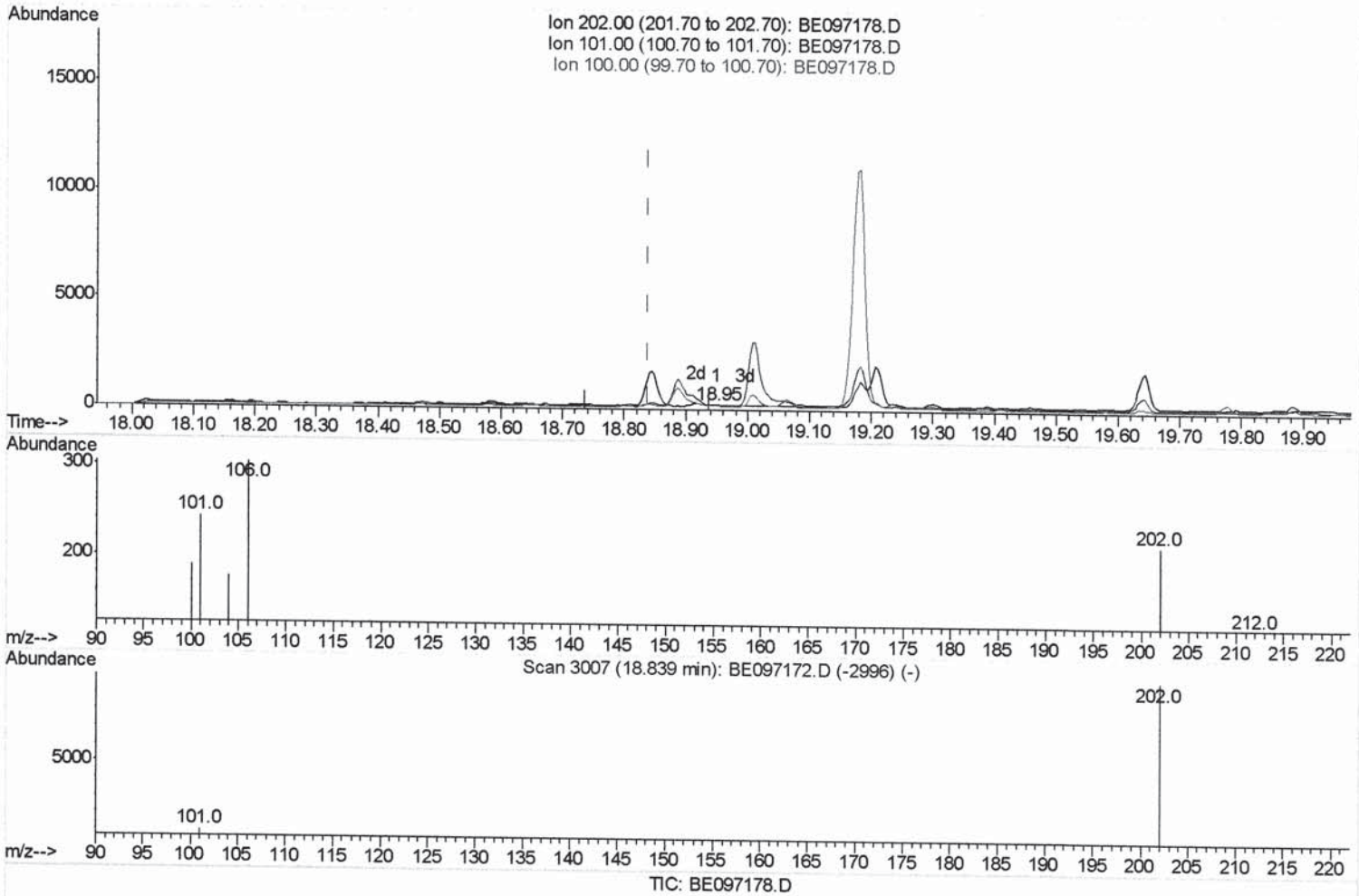
Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE080318\
 Data File : BE097178.D
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 Operator : SJ/JU
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Manual Integrations
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(15) Fluoranthene (C)

18.950min (+0.111) 0.00ng/ul

response 57

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	112.50#
100.00	19.50	87.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

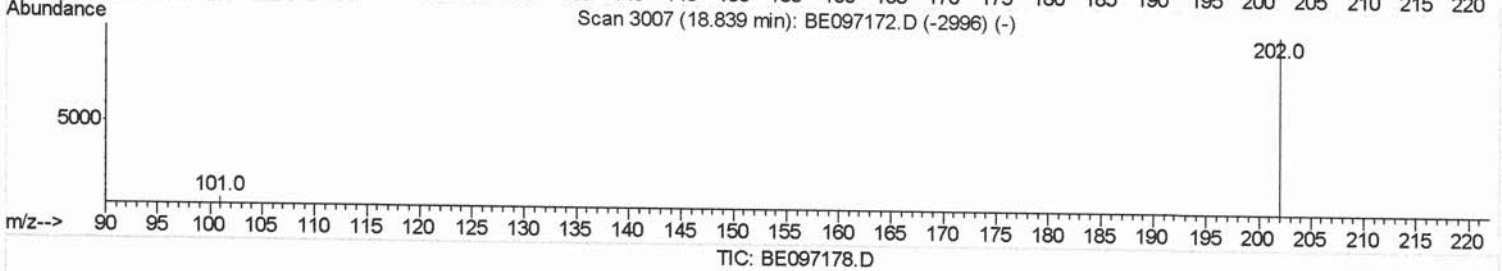
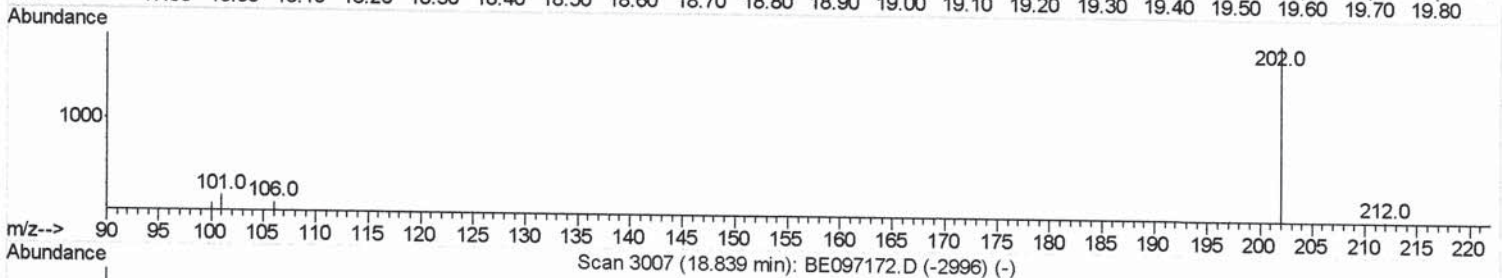
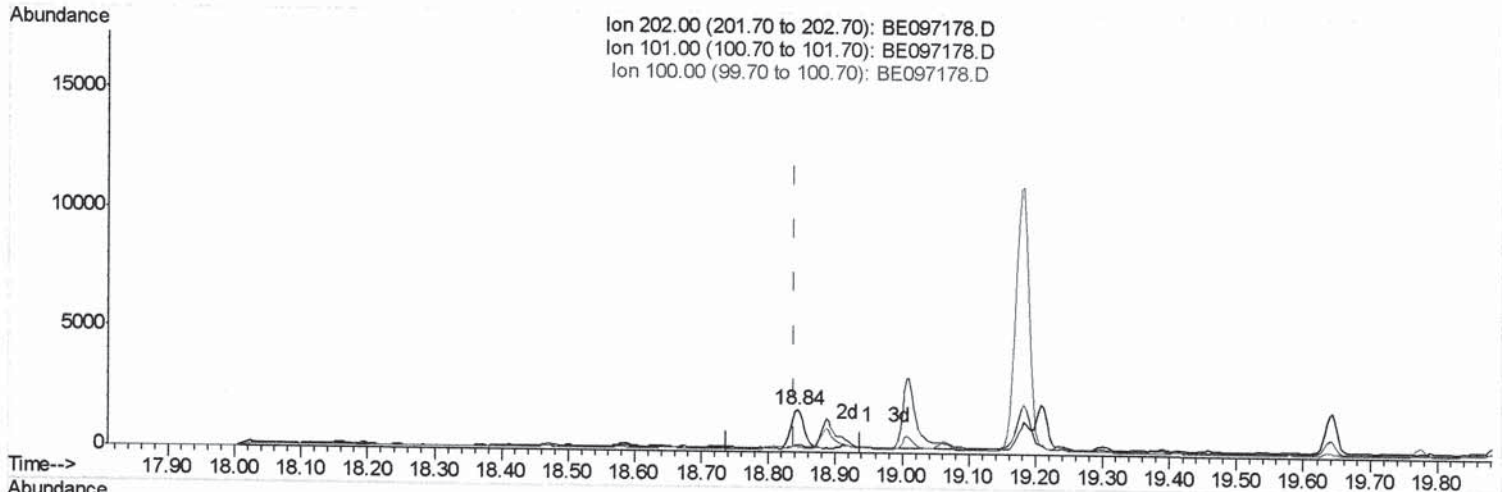
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 C0D05

Manual Integrations
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(15) Fluoranthene (C)

18.843min (+0.004) 0.05ng/ul m

SJ 8/7/18

response 2217

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	17.40
100.00	19.50	13.38
0.00	0.00	0.00

Quantitation Report (Qedit)

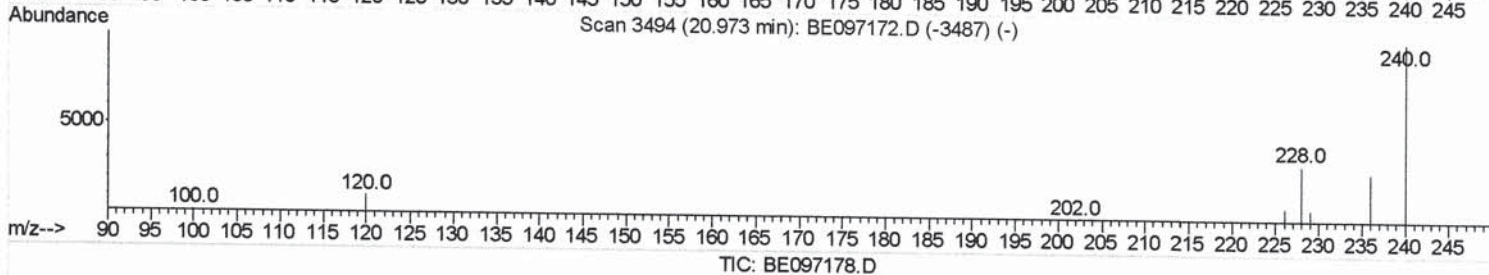
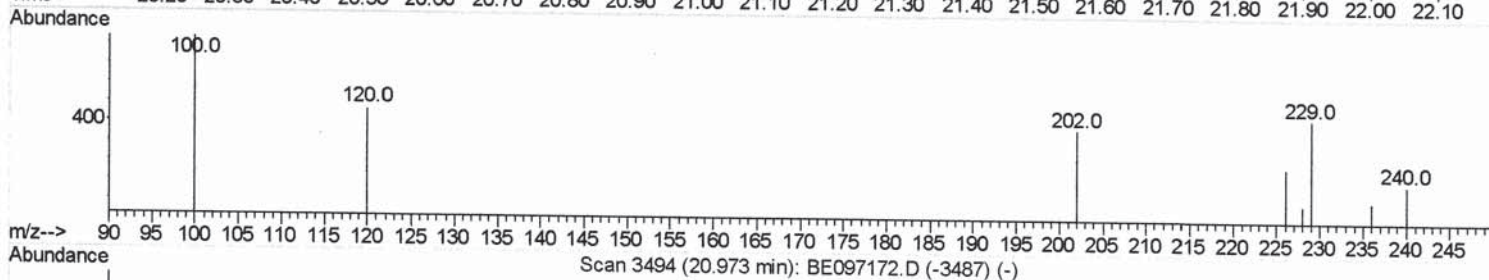
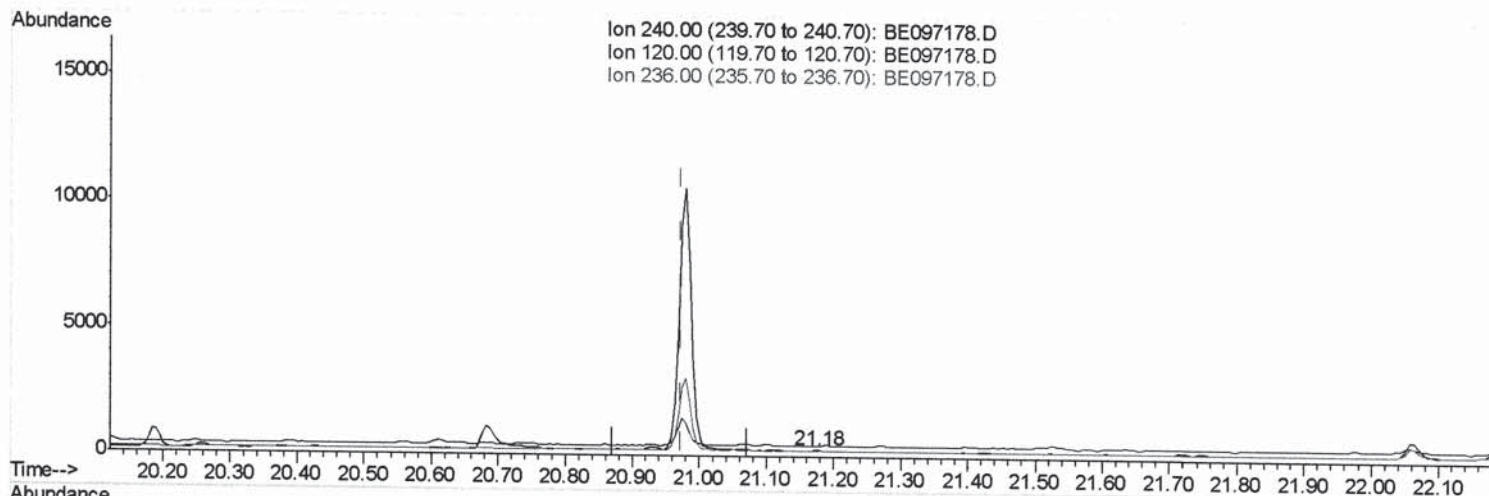
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 Data File : BE097178.D
 Acq On : 3 Aug 2018 13:01
 Operator : SJ/JU
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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0D05

Manual Integrations
 APPROVED

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(16) Chrysene-d12 (I)

21.175min (+0.202) 0.40ng/ul

response 56

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	149.13#
236.00	34.90	88.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

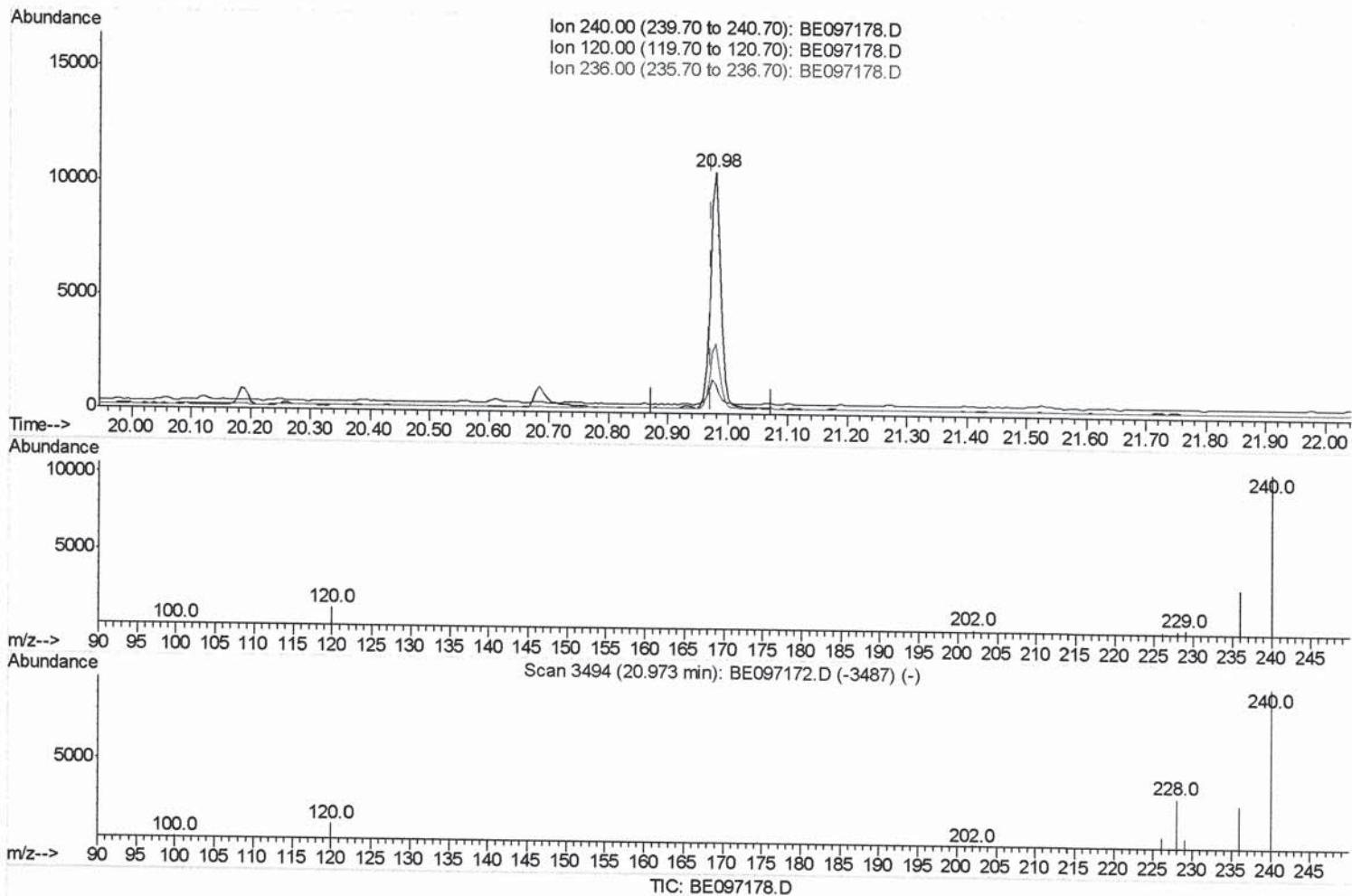
Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE080318\
 Data File : BE097178.D
 Acq On : 3 Aug 2018 13:01
 Operator : SJ/JU
 Sample : J4172-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0D05

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:22 PM

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 Response via : Initial Calibration



(16) Chrysene-d12 (I)

20.979min (+0.006) 0.40ng/ul m

SJ 8/7/18

response 12578

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	12.51#
236.00	34.90	29.12
0.00	0.00	0.00

Quantitation Report (Qedit)

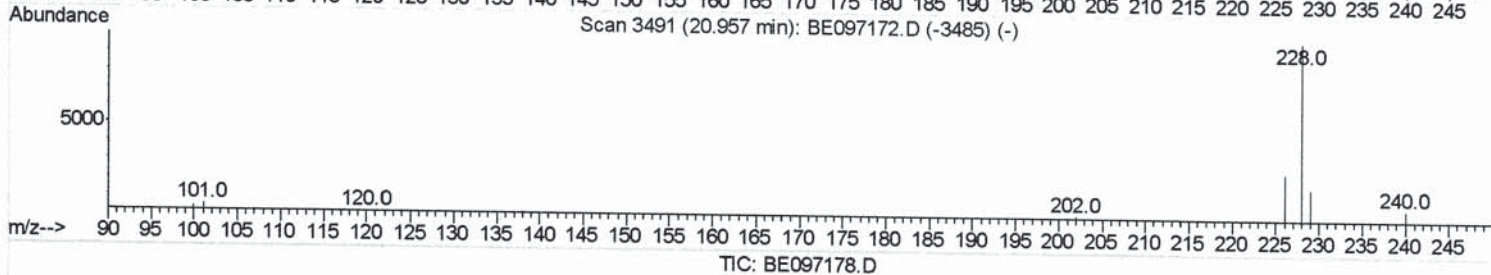
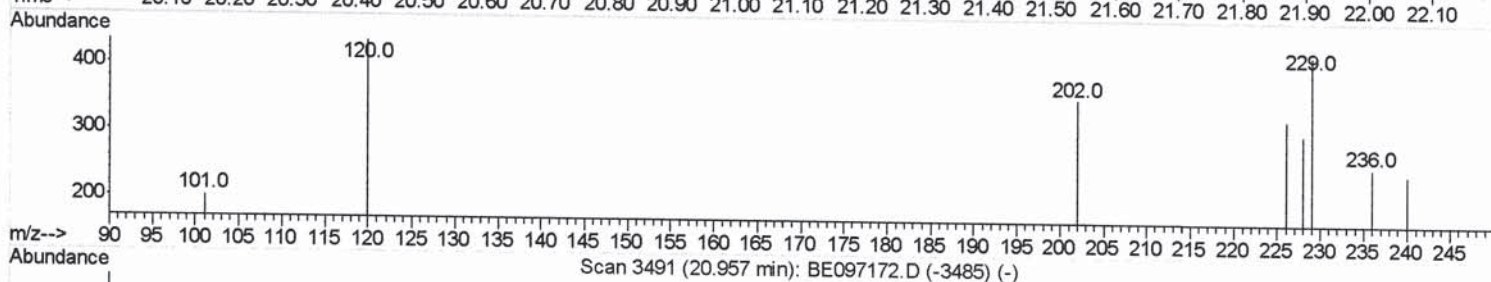
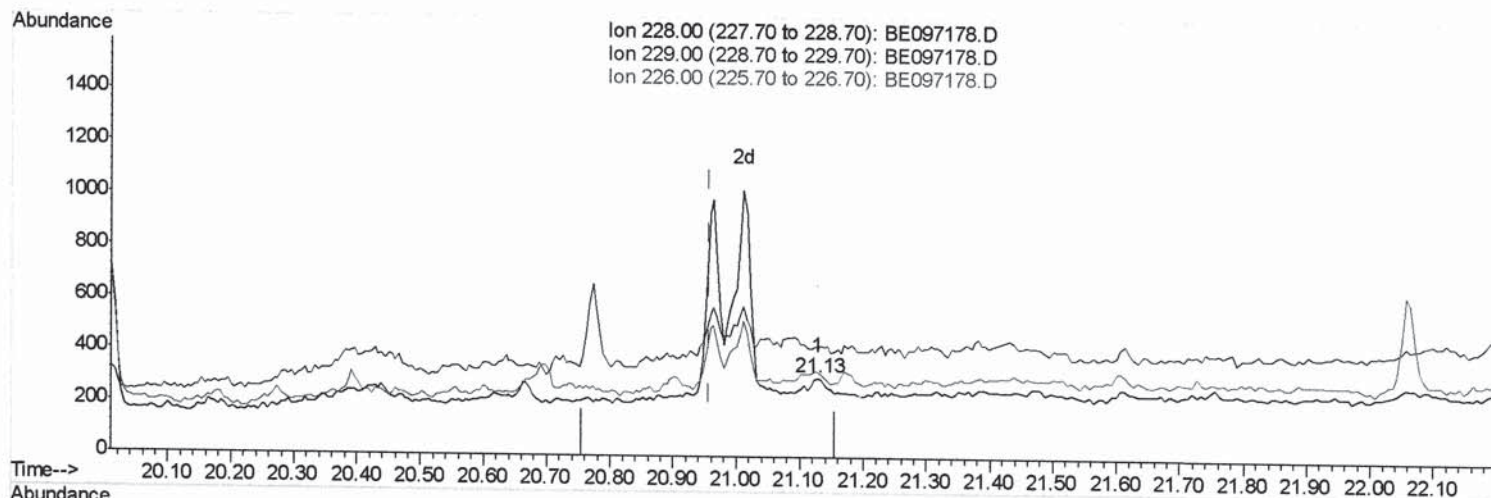
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Manual Integrations
APPROVED

Sohil
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(18) Benzo(a)anthracene

21.127min (+0.170) 0.01ng/ul

response 189

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	139.27#
226.00	21.30	107.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

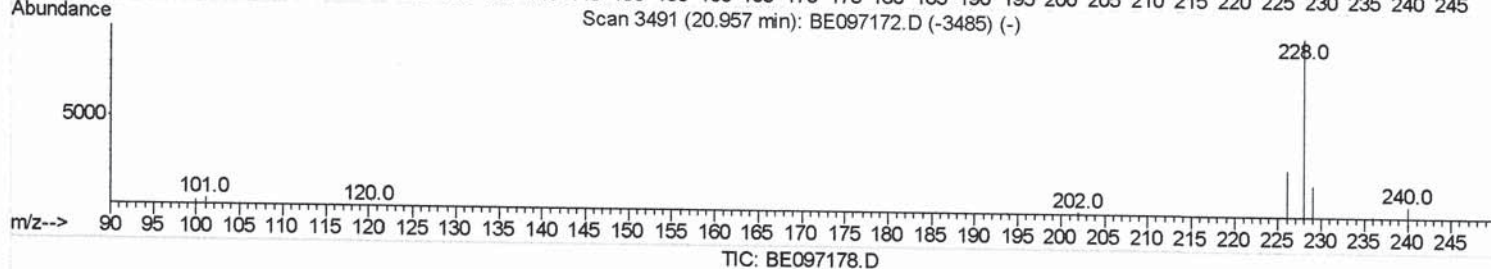
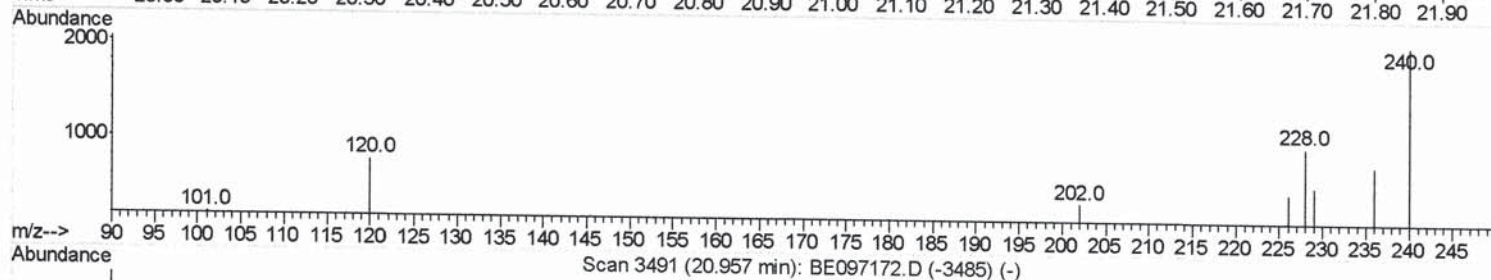
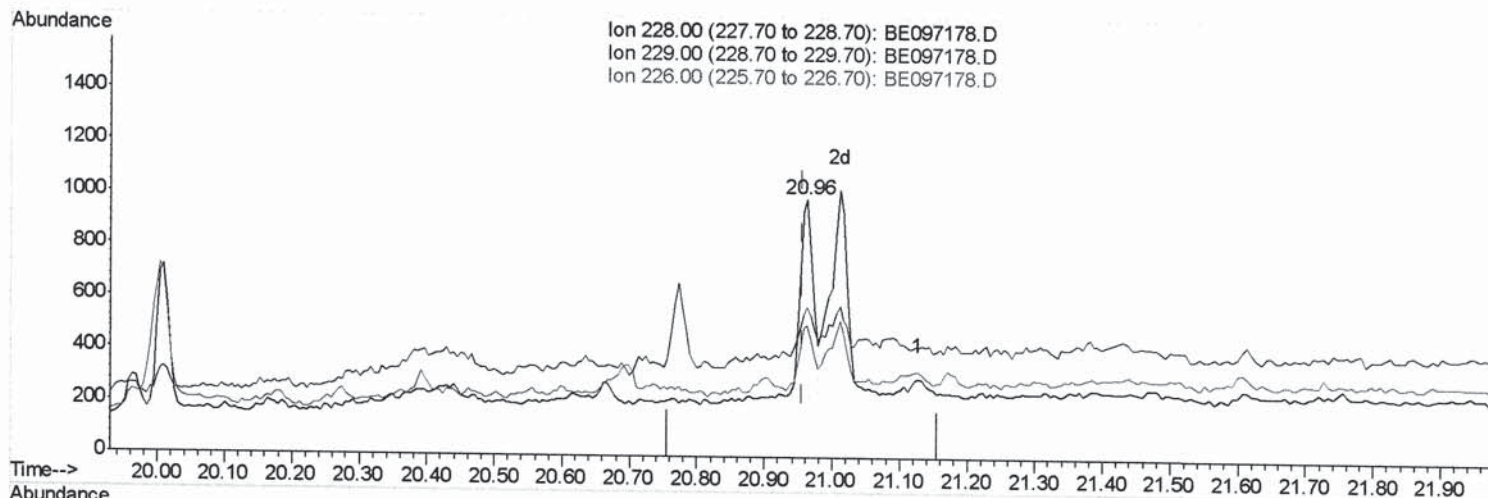
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Manual Integrations
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(18) Benzo(a)anthracene

20.963min (+0.006) 0.03ng/ul m

518/7/18

response 1012

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	58.17#
226.00	21.30	50.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

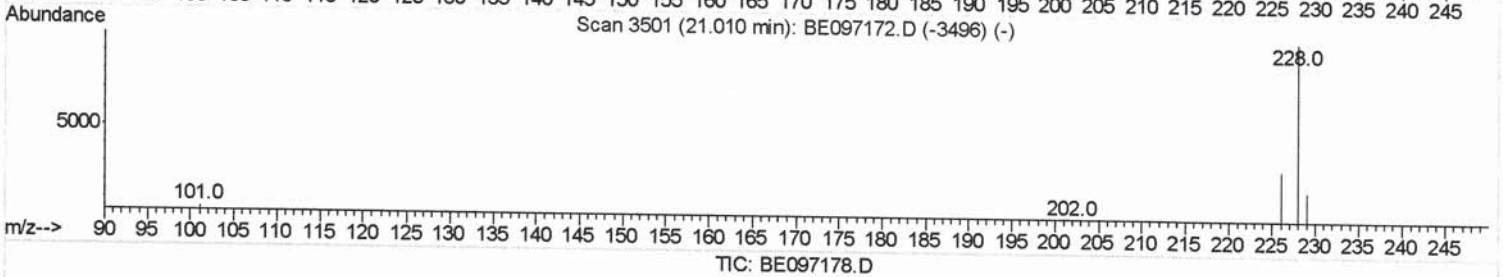
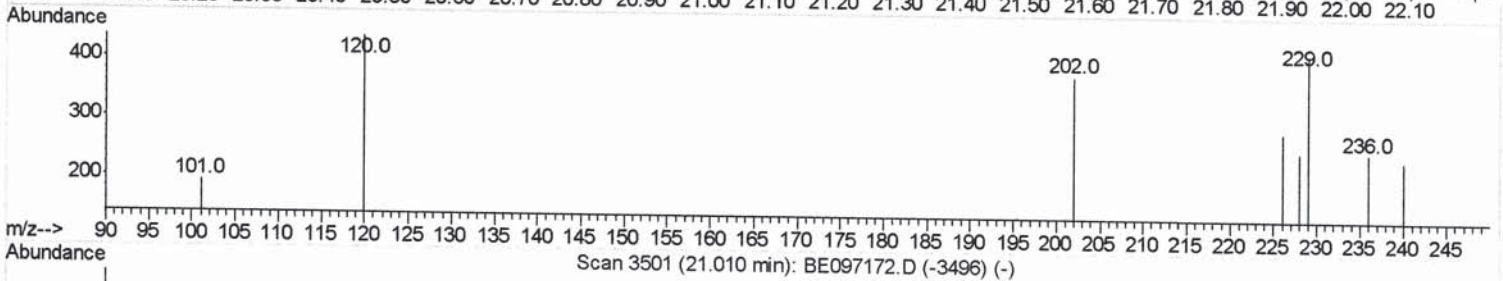
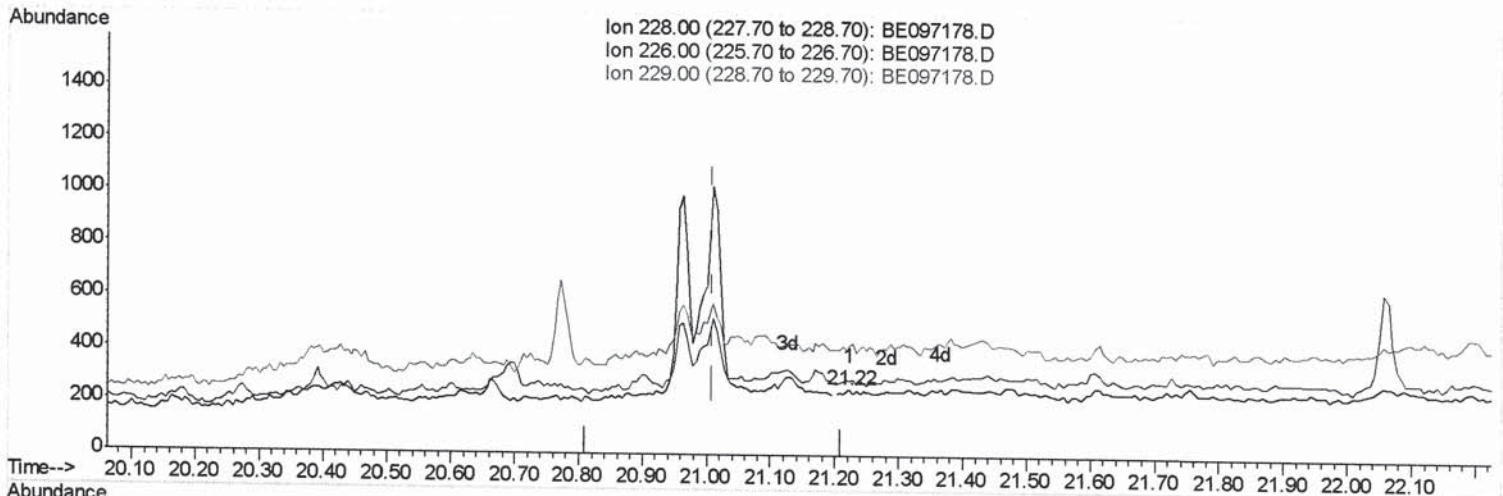
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(19) Chrysene

21.223min (+0.213) 0.00ng/ul

response 21

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	112.99#
229.00	22.10	164.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

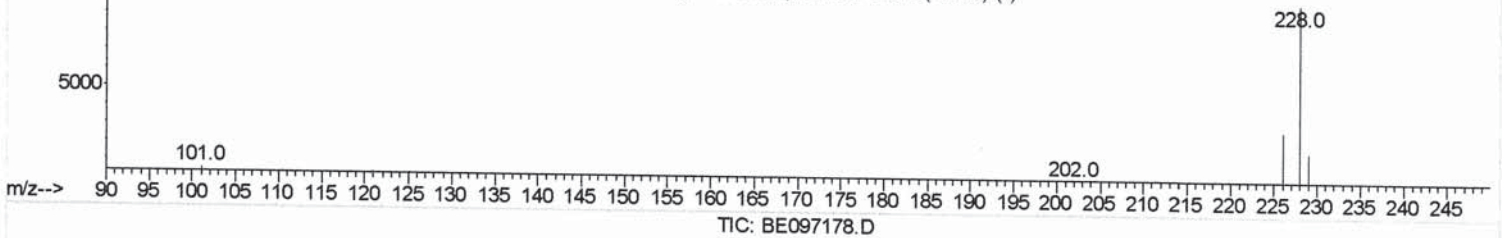
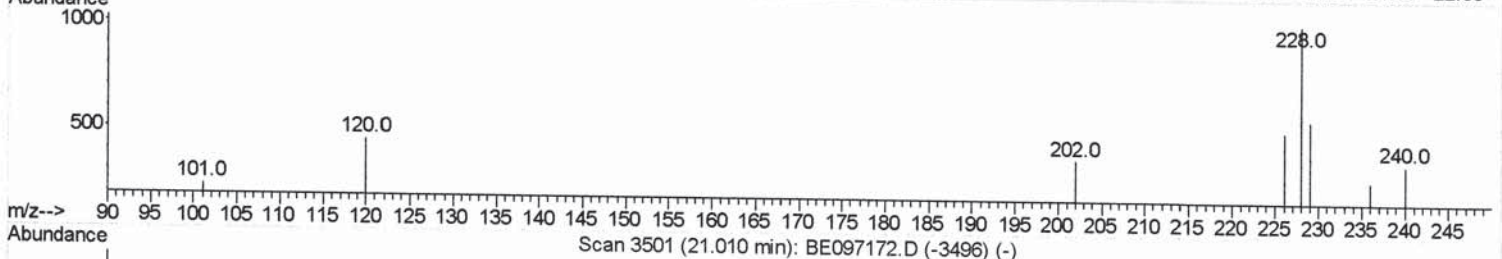
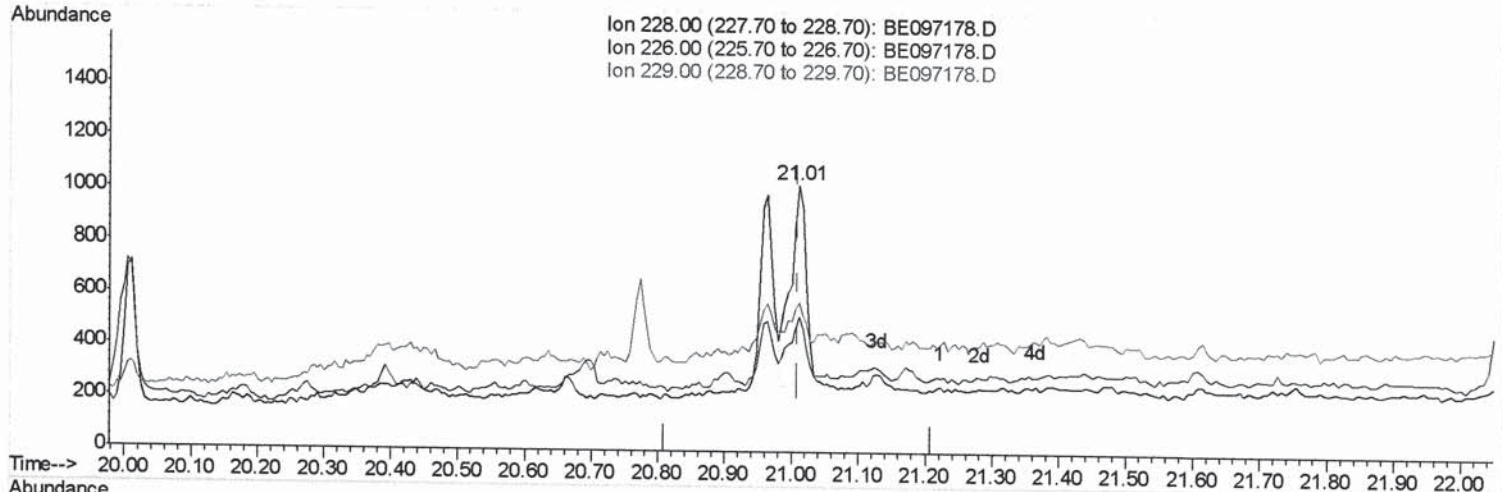
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(19) Chrysene

21.011min (+0.001) 0.03ng/ul m

SJ 8/7/18

response 1255

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	50.88#
229.00	22.10	56.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

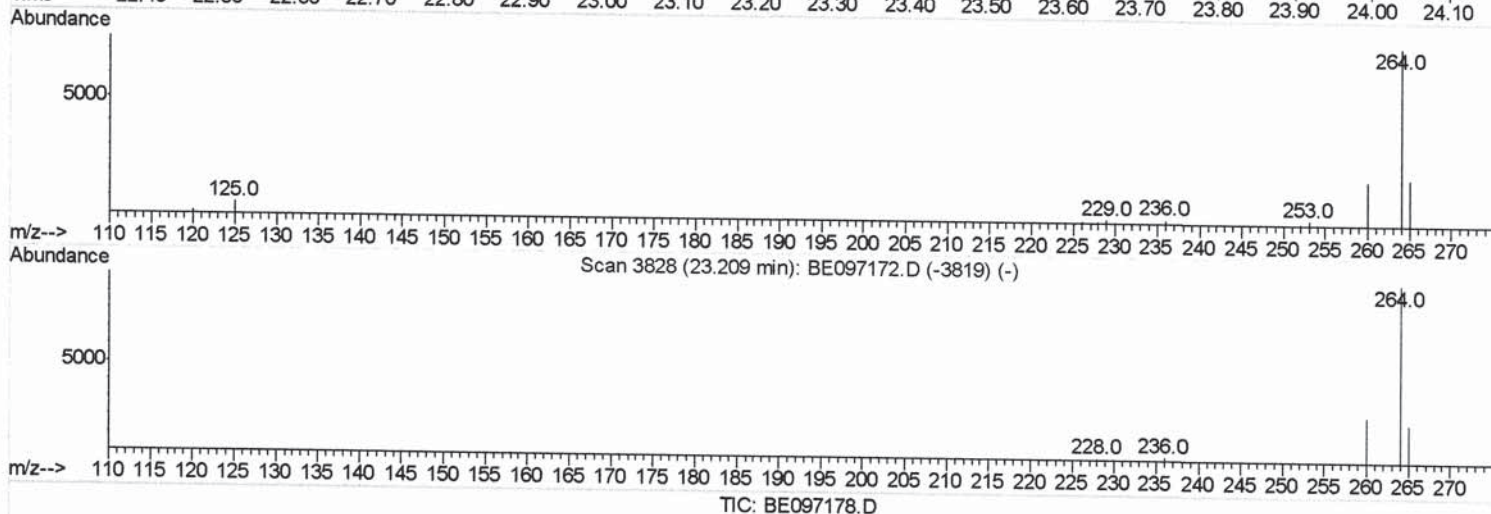
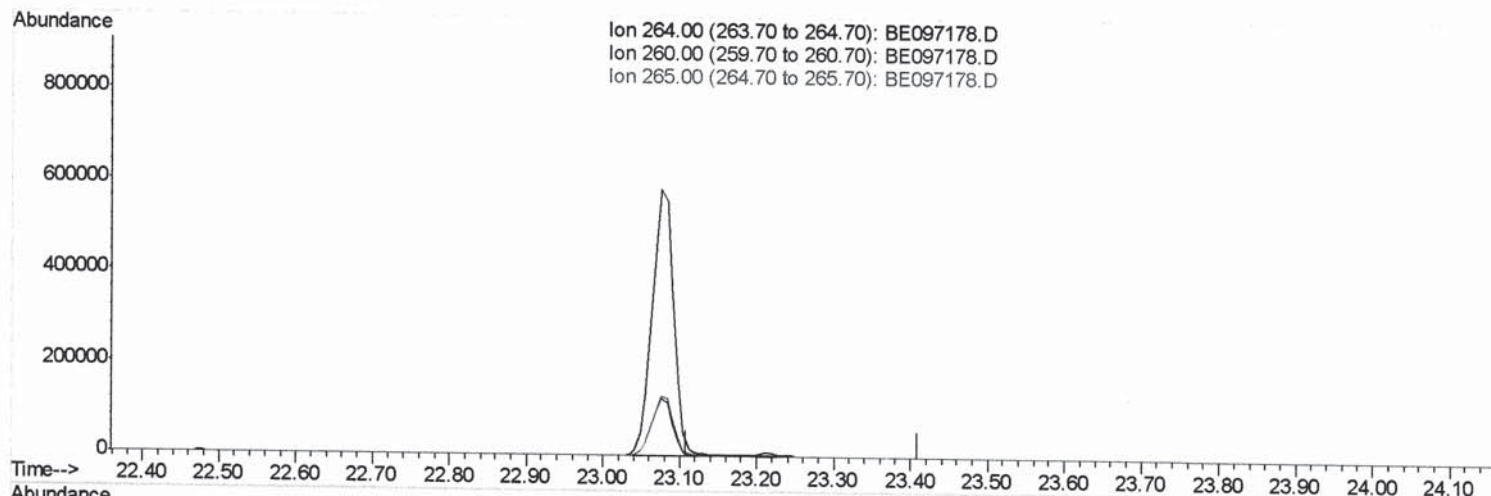
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(20) Perylene-d12 (I)

23.210min (-23.210) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

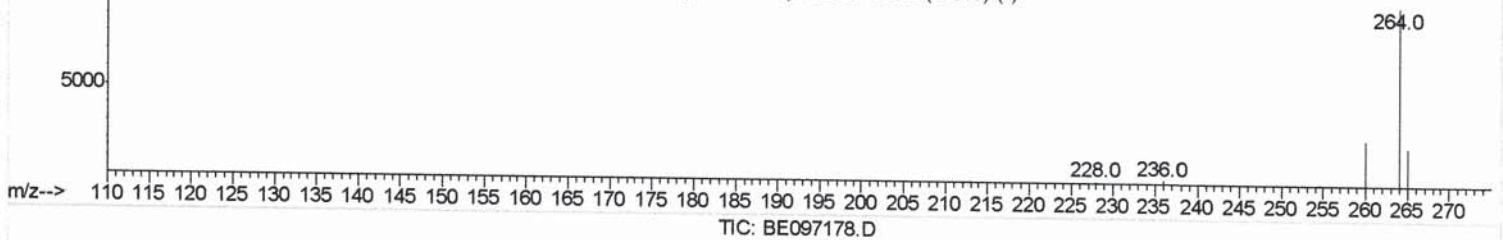
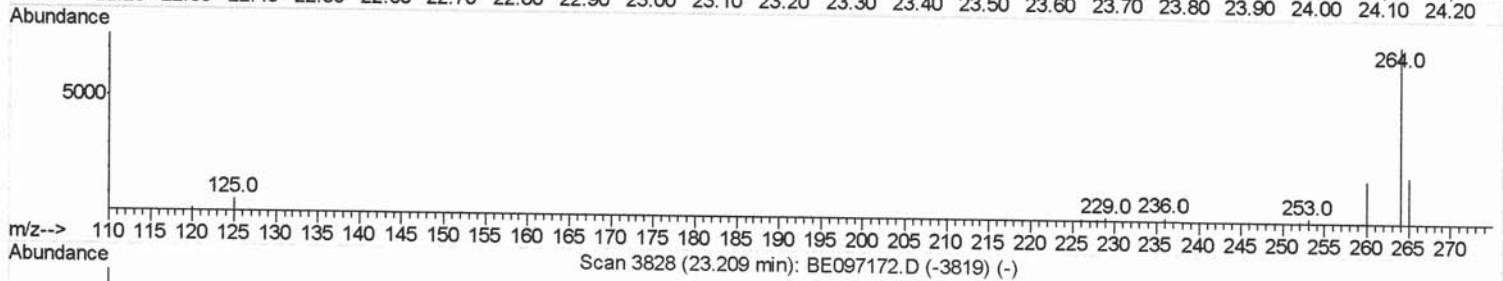
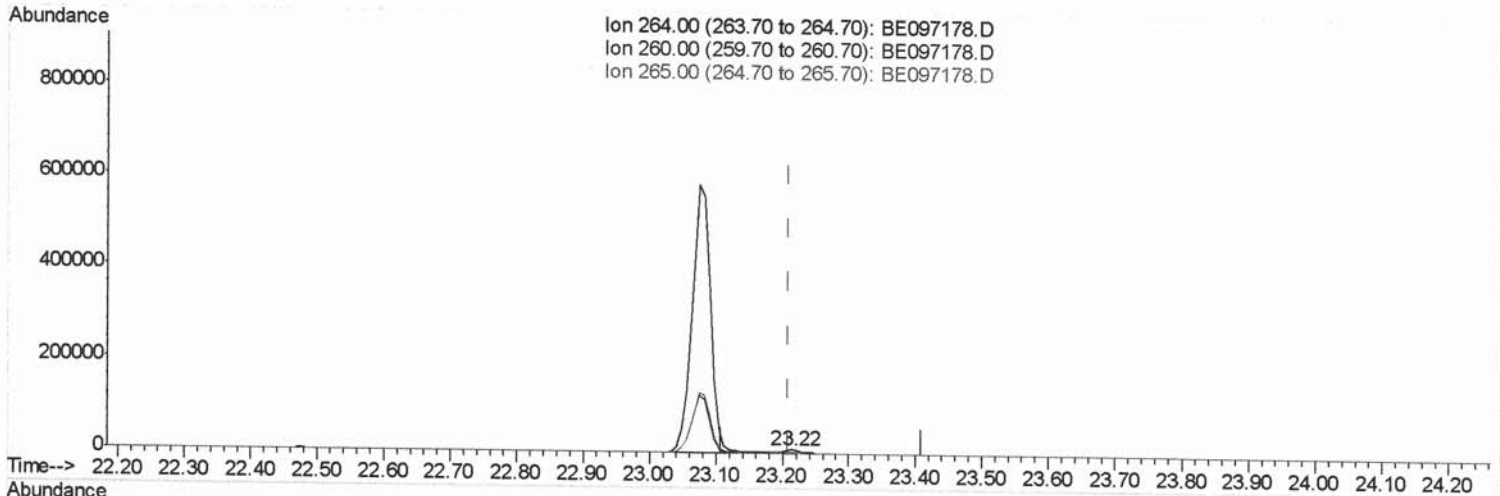
Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE080318\
 Data File : BE097178.D
 Acq On : 3 Aug 2018 13:01
 Operator : SJ/JU
 Sample : J4172-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0D05

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:22 PM

Quant Time: Aug 03 15:41:42 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 : Fri Aug 03 11:26:05 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.217min (+0.007) 0.40ng/ul m

SJ 8/7/18

response 10800

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.33
265.00	103.50	27.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

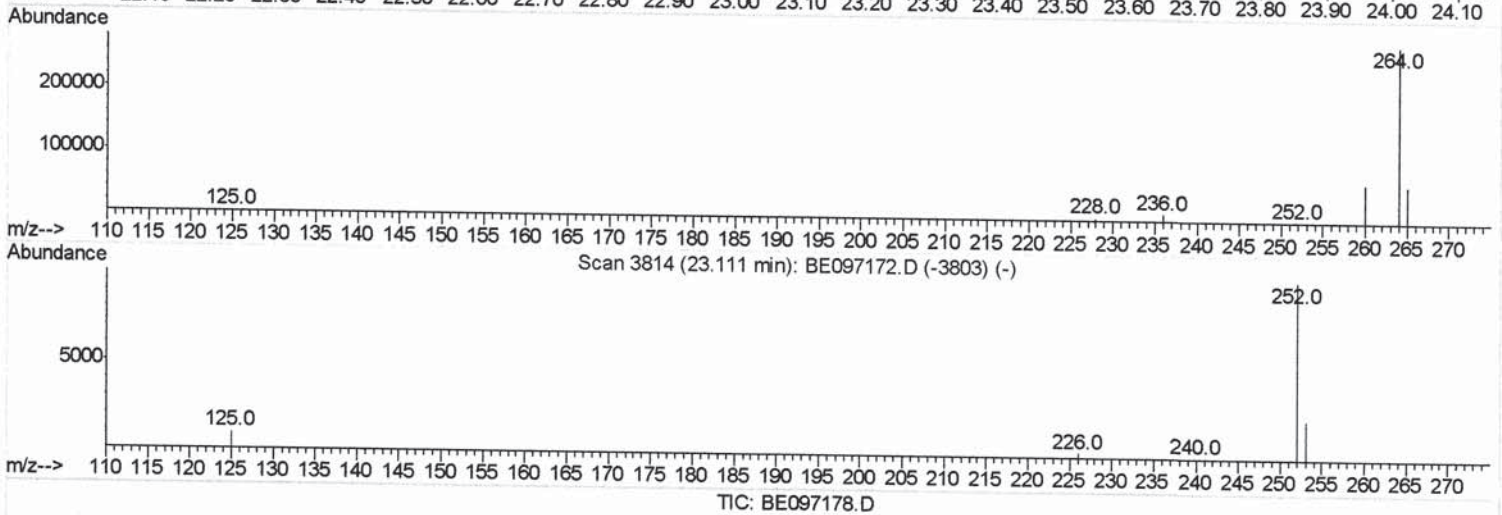
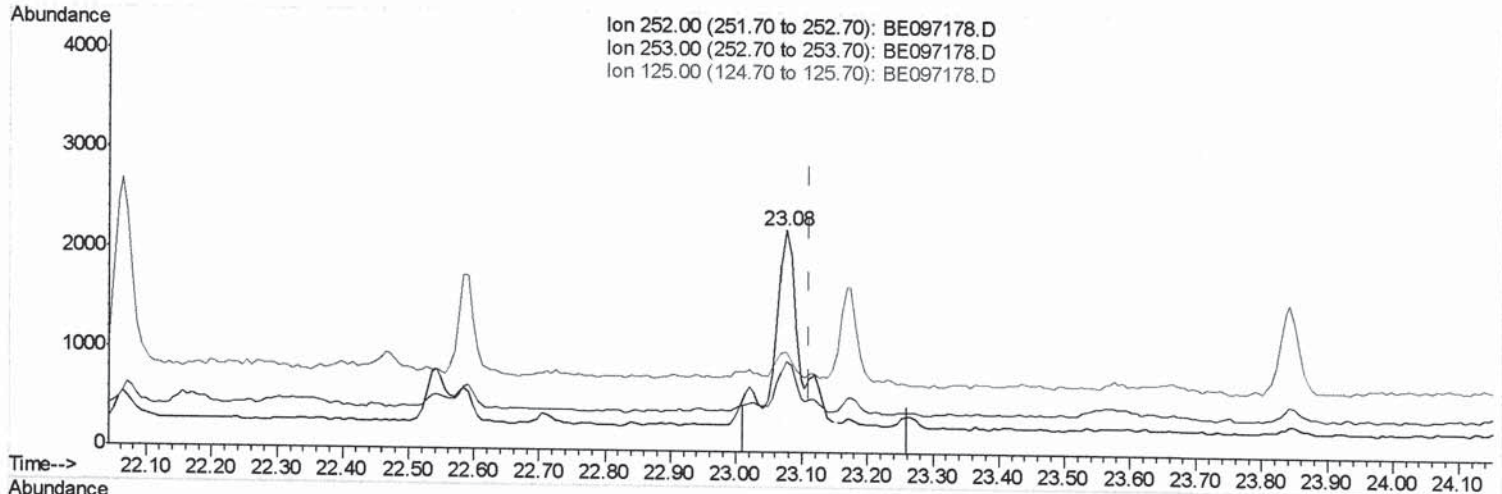
Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE080318\
 Data File : BE097178.D
 Acq On : 3 Aug 2018 13:01
 Operator : SJ/JU
 Sample : J4172-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0D05

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:22 PM

Quant Time: Aug 03 15:43:32 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 : Fri Aug 03 11:26:05 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)
 23.076min (-0.035) 0.14ng/ul
 response 4257

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	41.15
125.00	22.60	45.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

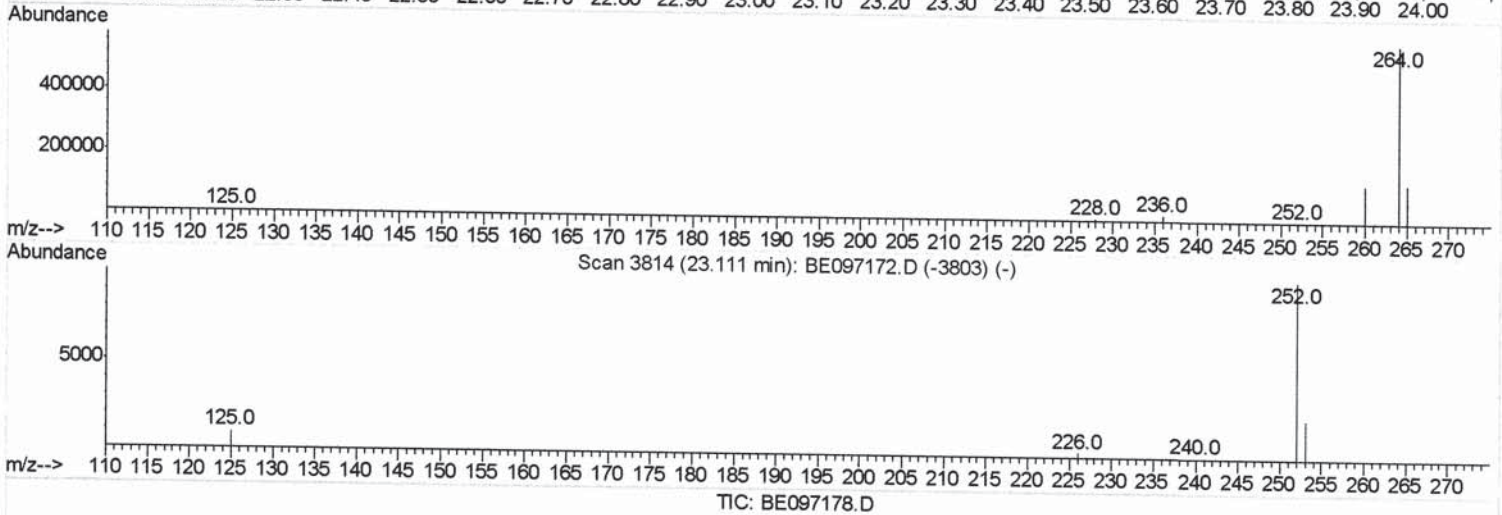
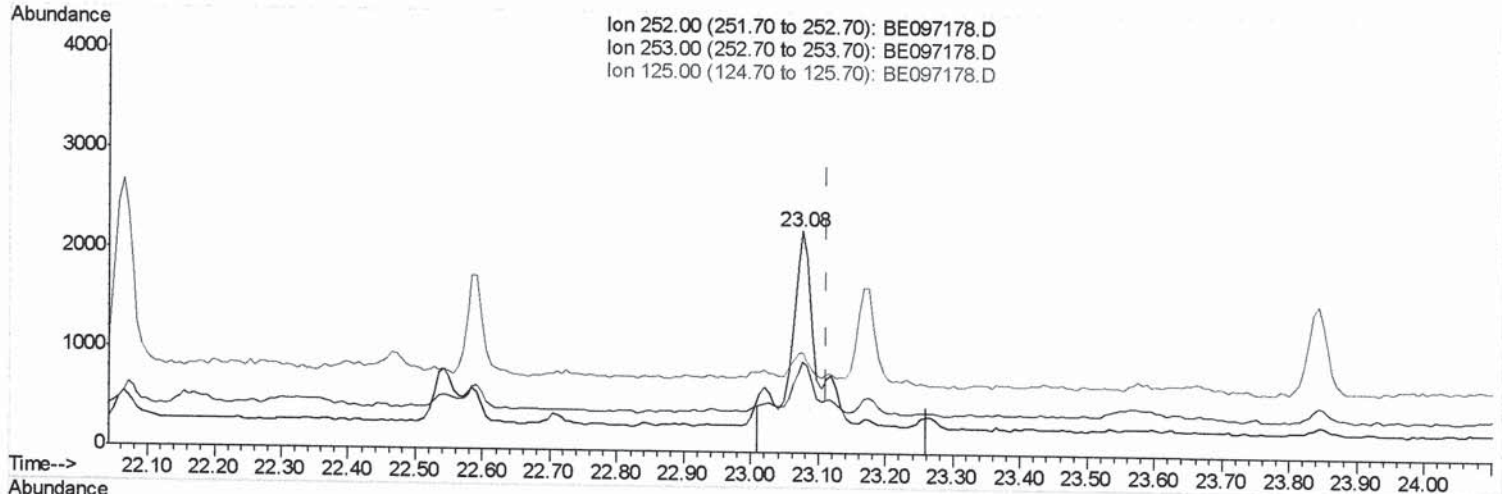
Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE080318\
 Data File : BE097178.D
 Acq On : 3 Aug 2018 13:01
 Operator : SJ/JU
 Sample : J4172-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0D05

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:22 PM

Quant Time: Aug 03 15:43:32 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 : Fri Aug 03 11:26:05 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.076min (-0.035) 0.11ng/ul m

SJ 8/7/18

response 3115

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	41.15
125.00	22.60	45.64#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE080318\
 Data File : BE097178.D
 Acq On : 3 Aug 2018 13:01
 Operator : SJ/JU
 Sample : J4172-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0D05

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:22 PM

Quant Time: Aug 03 15:48:16 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 : Fri Aug 03 11:26:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1462	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7691	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	5098	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	12037m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	12578m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	10800m	0.40	ng/ul	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.73	152	4648	0.38	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	13918m	0.34	ng/ul	0.00

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Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.18	128	1227	0.066	ng/ul#	87
5) 2-Methylnaphthalene	11.81	142	323	0.026	ng/ul#	1
8) Acenaphthene	14.09	153	560	0.035	ng/ul#	93
9) Fluorene	15.08	166	989	0.054	ng/ul#	84
12) Phenanthrene	16.81	178	2699m	0.088	ng/ul	
15) Fluoranthene	18.84	202	2217m	0.055	ng/ul	
17) Pyrene	19.21	202	2593	0.077	ng/ul	97
18) Benzo(a)anthracene	20.96	228	1012m	0.028	ng/ul	
19) Chrysene	21.01	228	1255m	0.034	ng/ul	
21) Benzo(b)fluoranthene	22.54	252	1180	0.040	ng/ul#	1
26) Benzo(g,h,i)perylene	26.21	276	826	0.026	ng/ul#	32

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