

Quantitation Report (QT Reviewed)

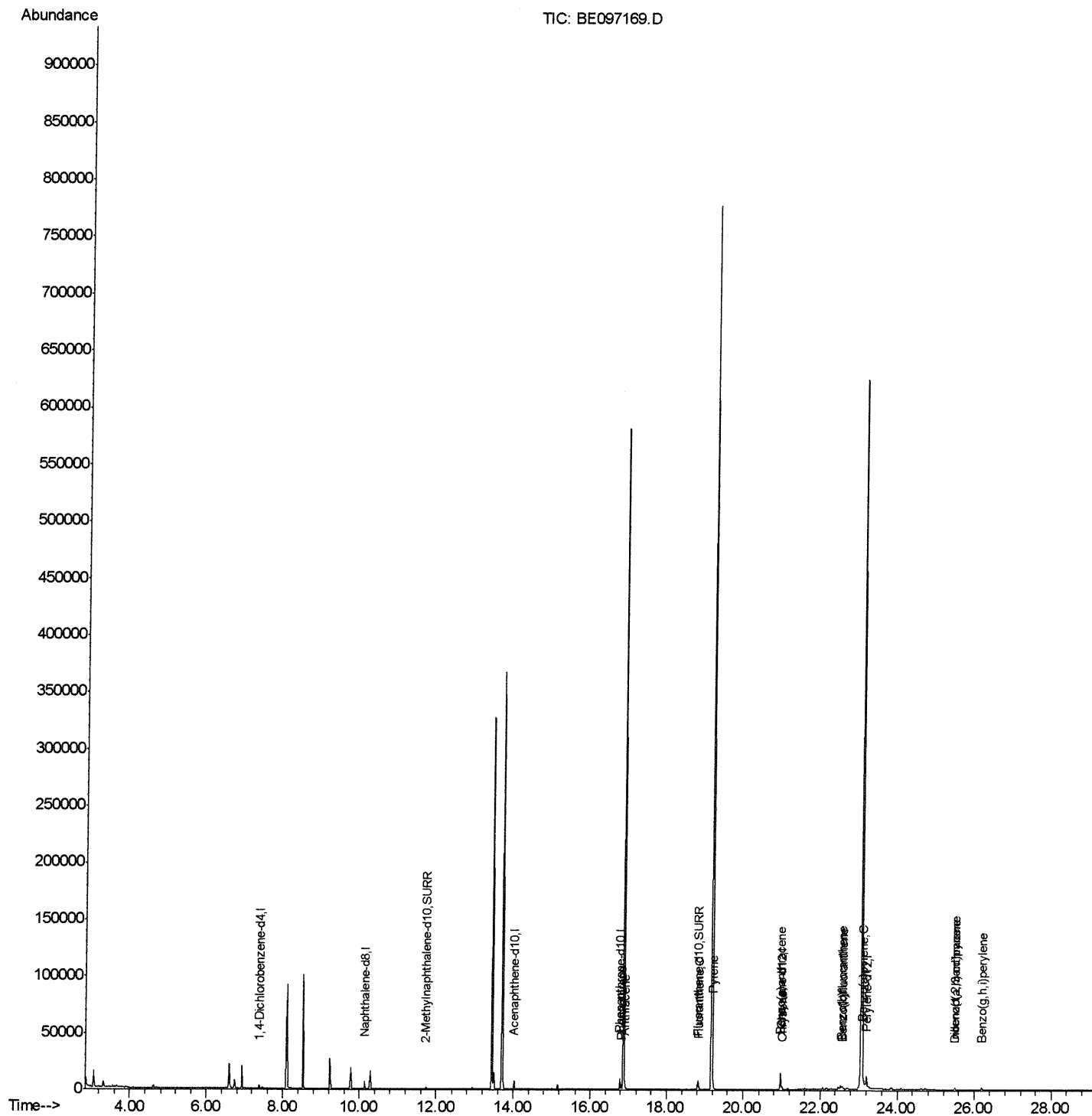
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097169.D
 Acq On : 3 Aug 2018 2:22
 Operator : SJ/JU
 Sample : J4171-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L2

Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:20 PM

Quant Time: Aug 03 07:35:53 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 : Thu Aug 02 23:40:30 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

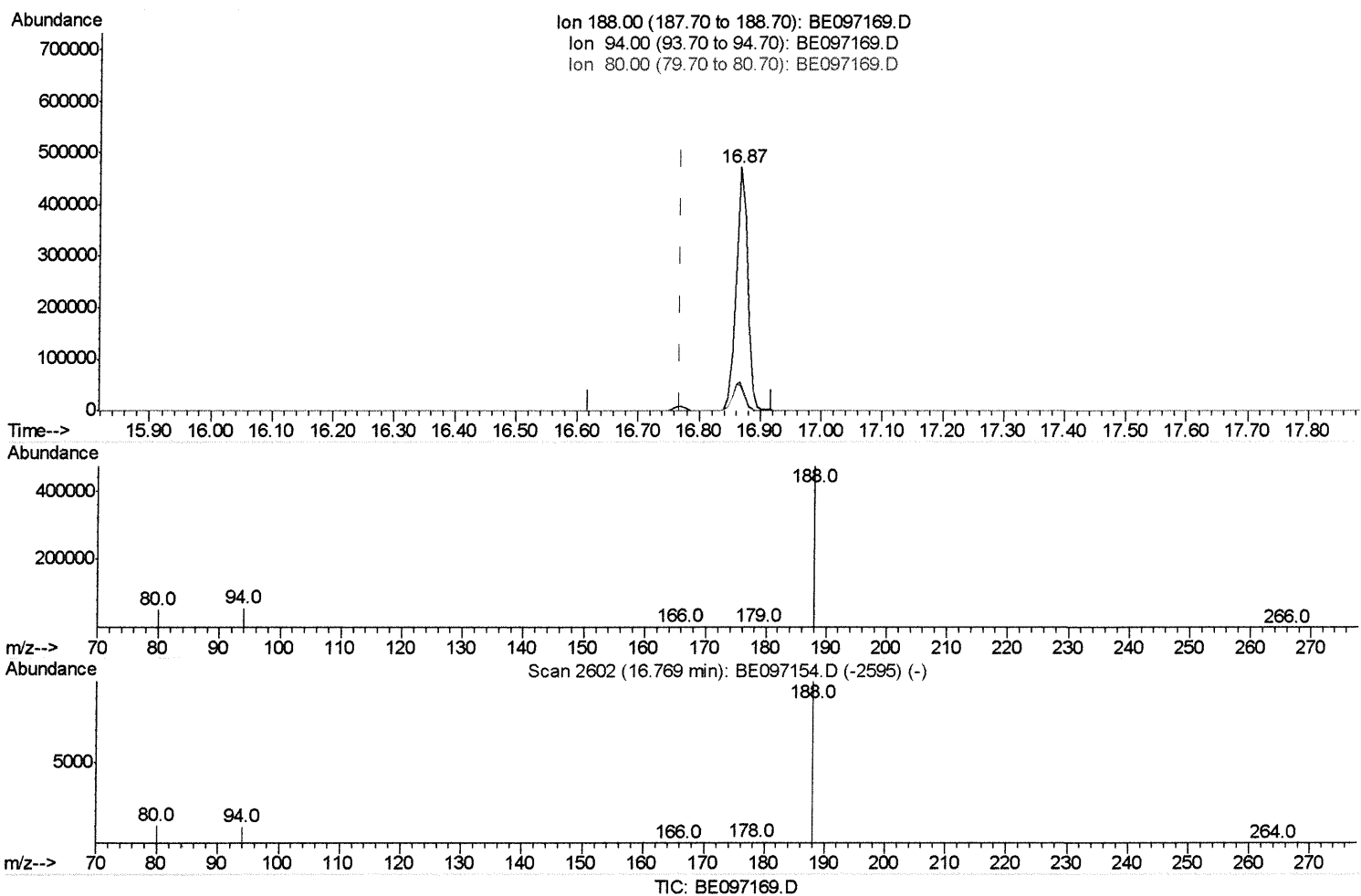
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
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Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:20 PM

Quant Time: Aug 03 04:32:25 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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(10) Phenanthrene-d10 (I)

16.867min (+0.098) 0.40ng/ul

response 627985

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.98
80.00	11.80	10.89
0.00	0.00	0.00

Quantitation Report (Qedit)

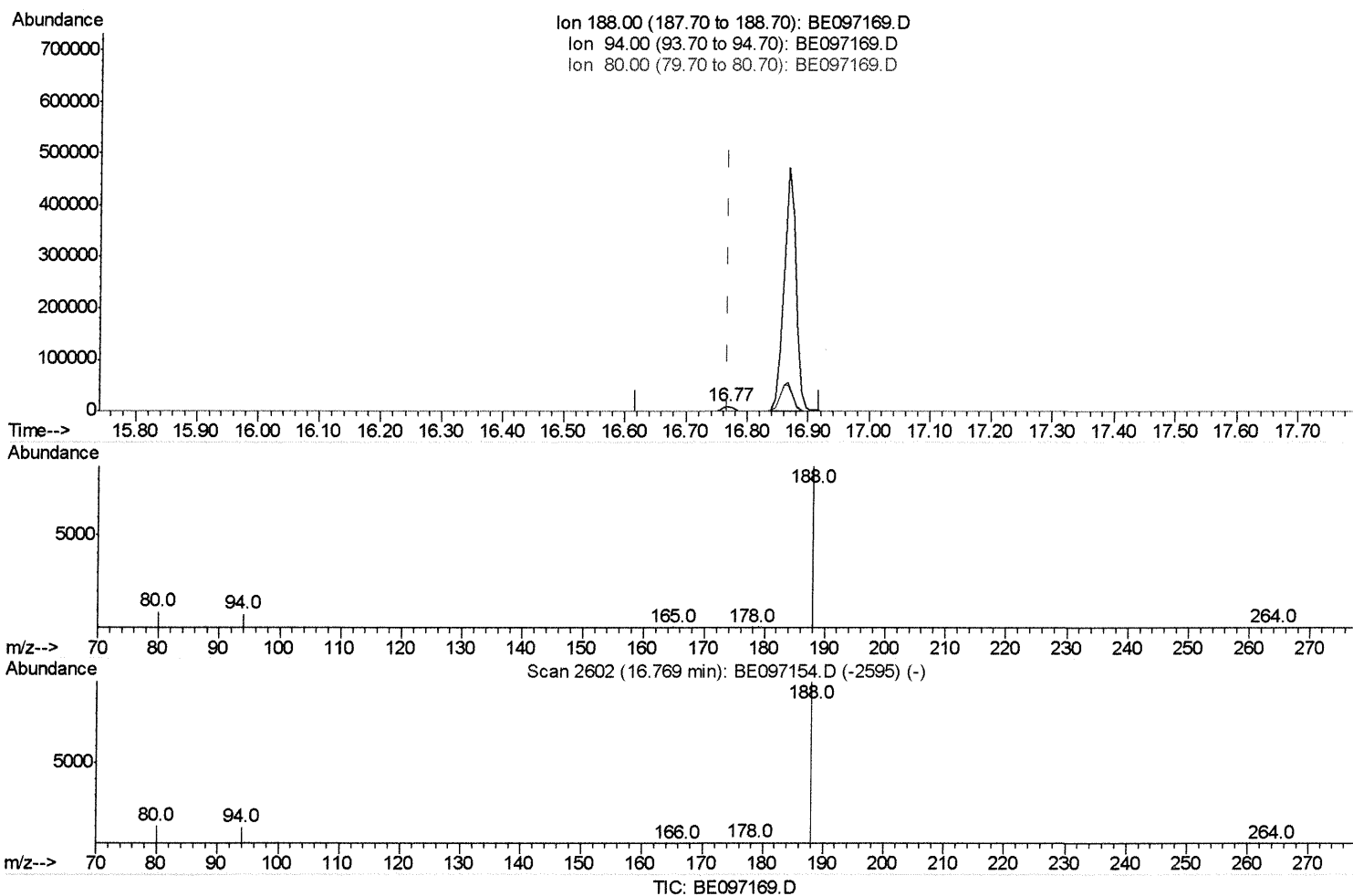
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(10) Phenanthrene-d10 (I)

16.768min (-0.001) 0.40ng/ul m> 50 8/9/18

response 11362

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.04
80.00	11.80	10.37
0.00	0.00	0.00

Quantitation Report (Qedit)

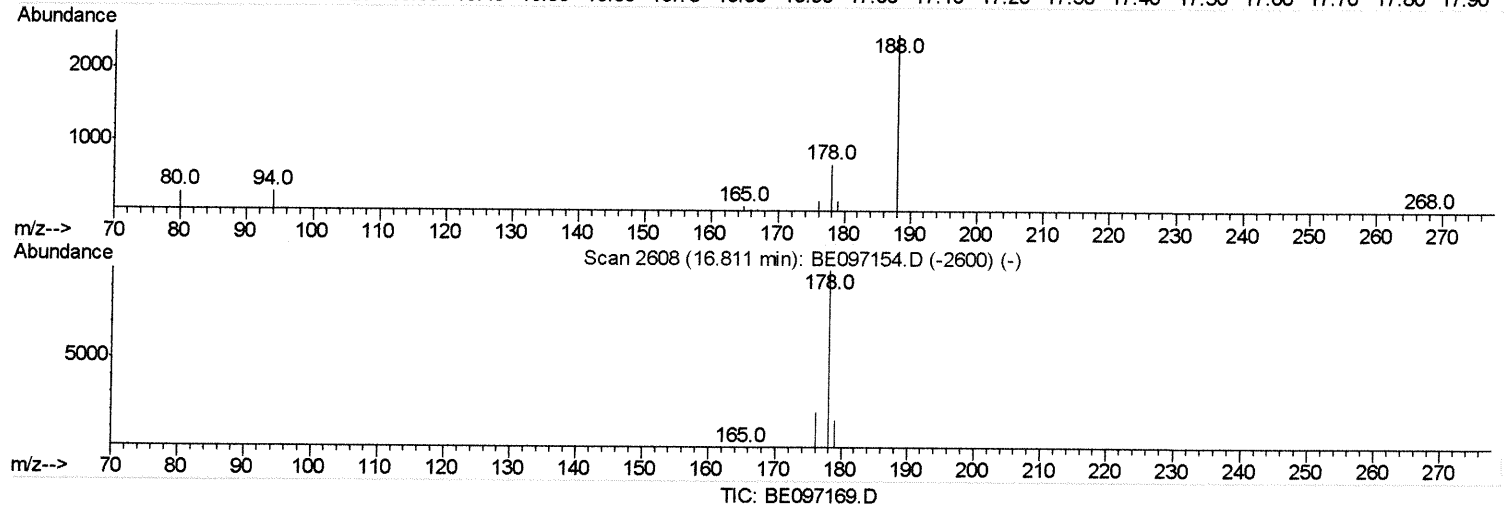
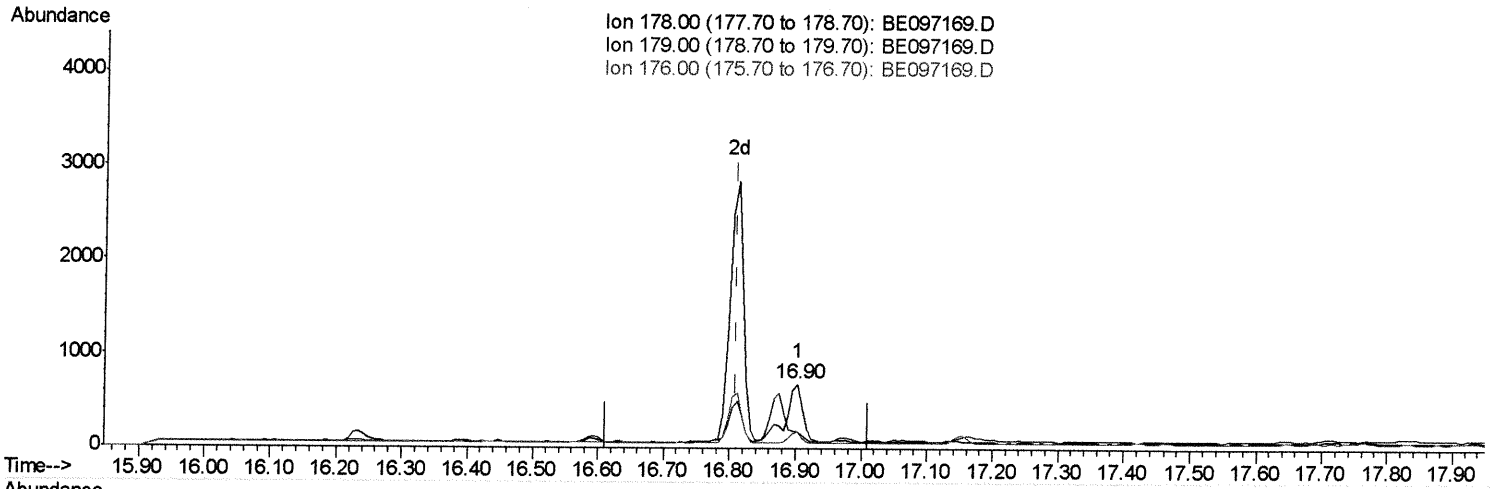
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Sohil
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(12) Phenanthrene

16.902min (+0.091) 0.04ng/ul

response 1100

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	26.60
176.00	17.00	26.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

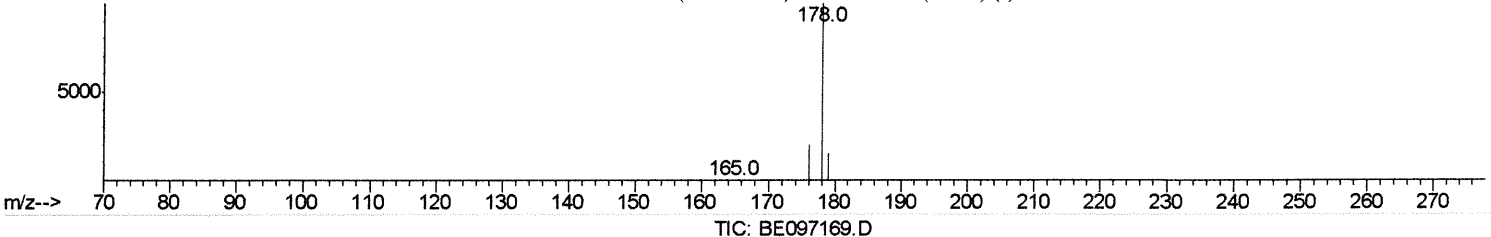
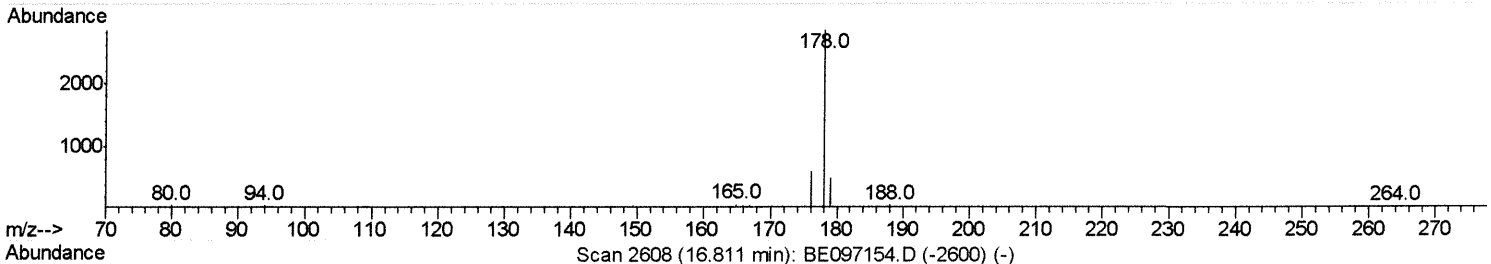
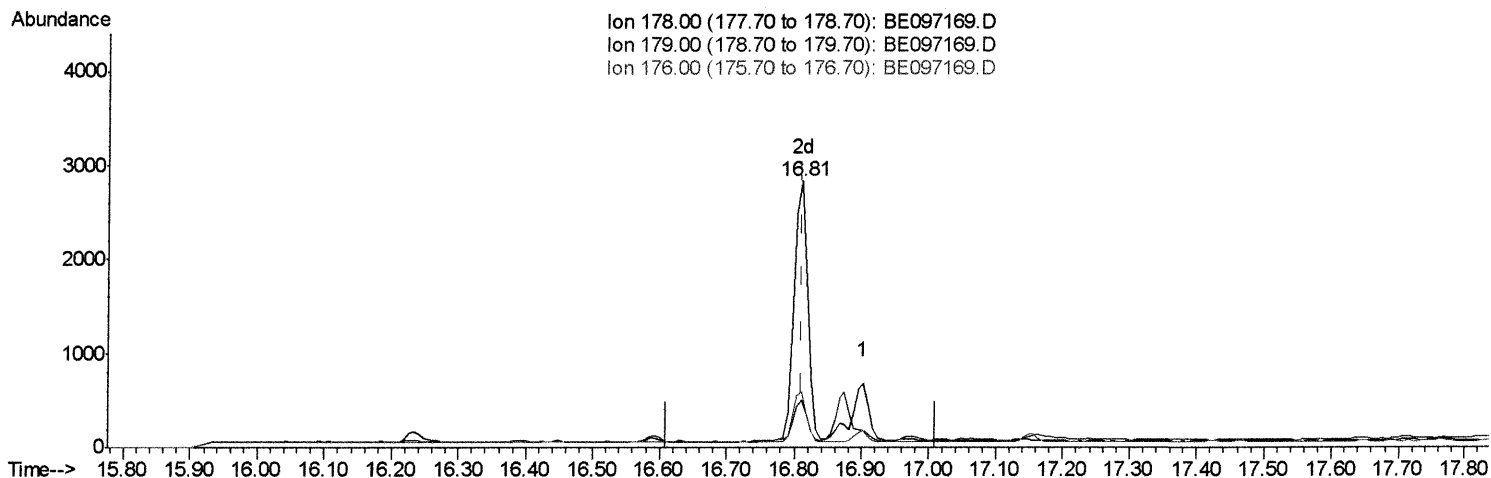
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(12) Phenanthrene

16.810min (-0.001) 0.13ng/ul m > SJ 8/9/18

response 3881

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	17.90#
176.00	17.00	20.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

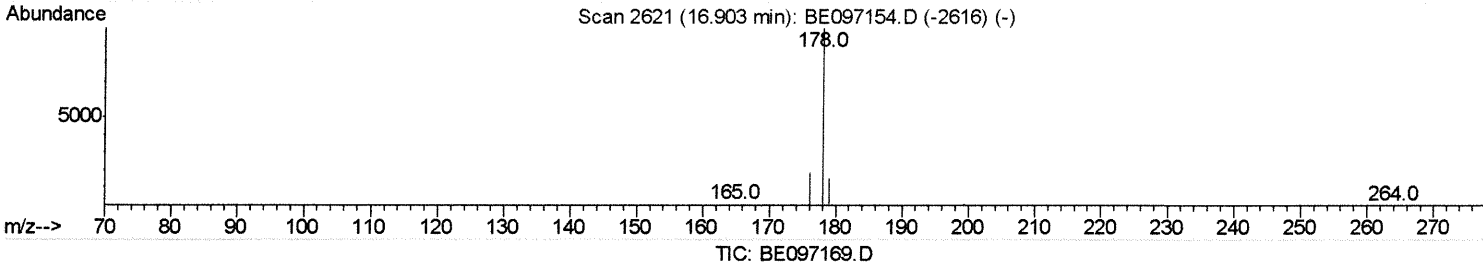
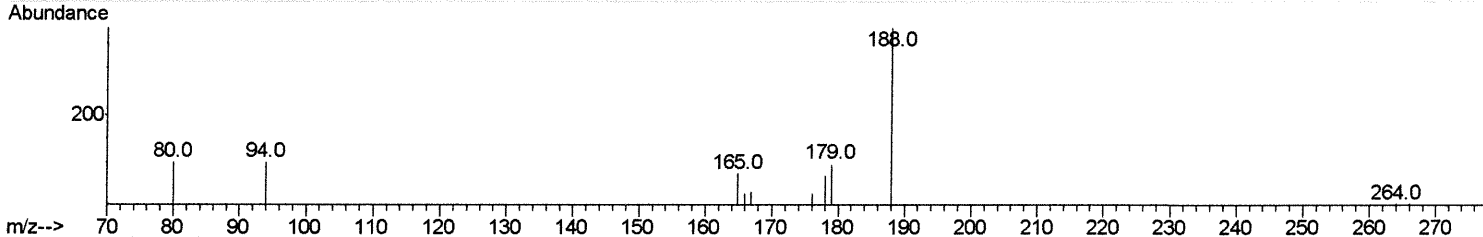
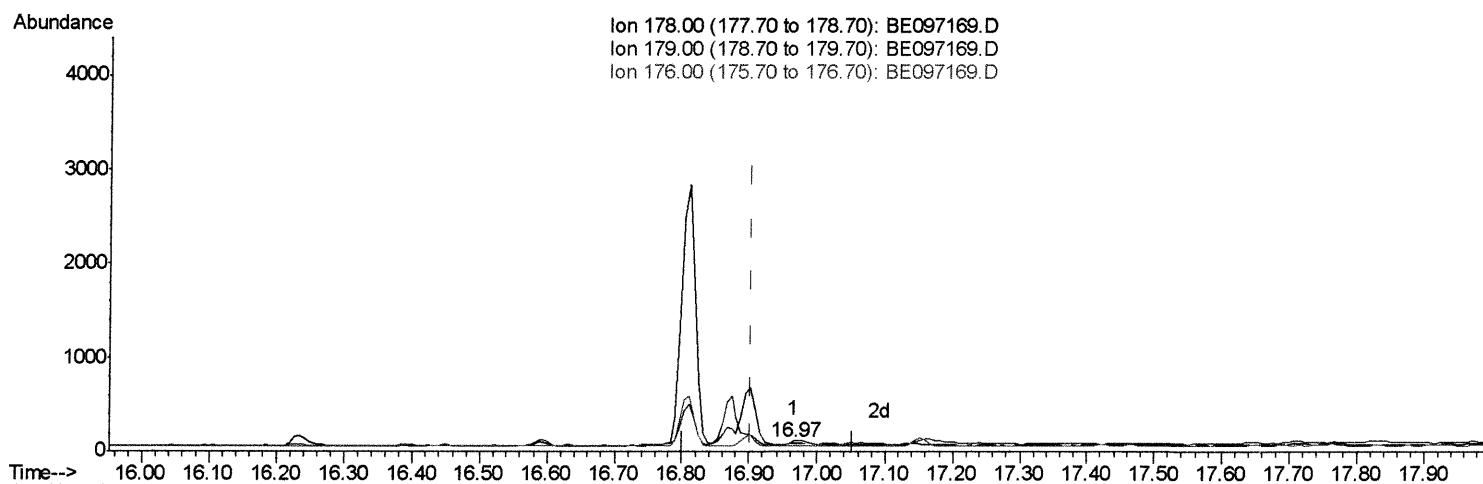
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(13) Anthracene

16.965min (+0.063) 0.00ng/ul

response 31

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	118.56#
176.00	18.40	68.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

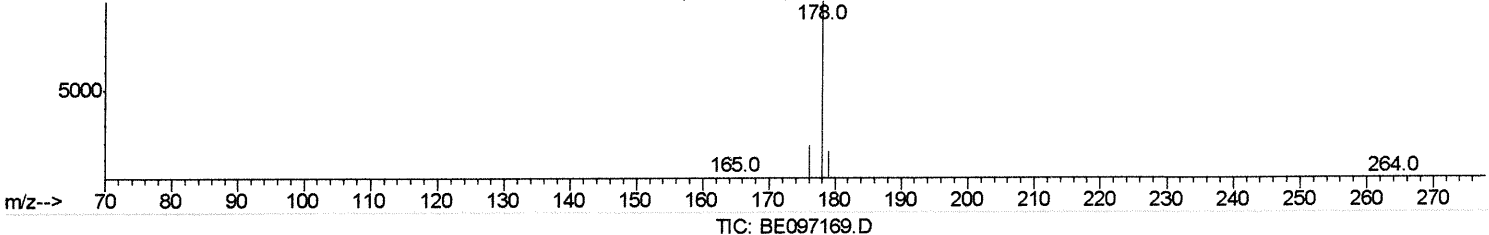
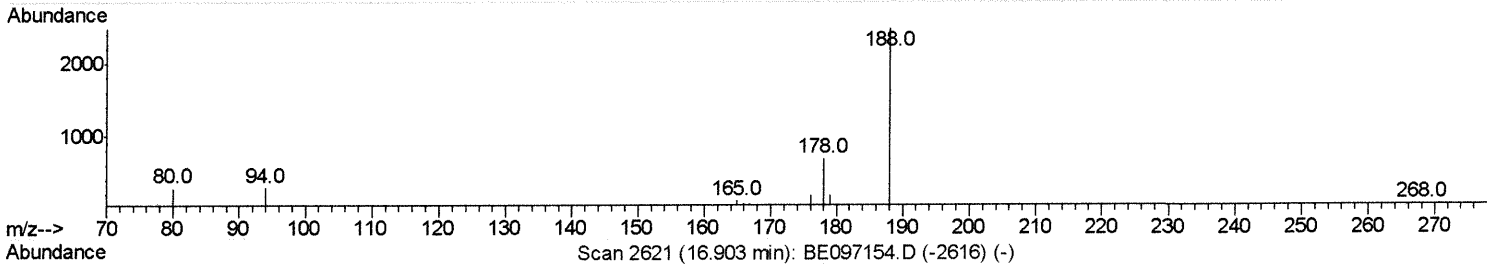
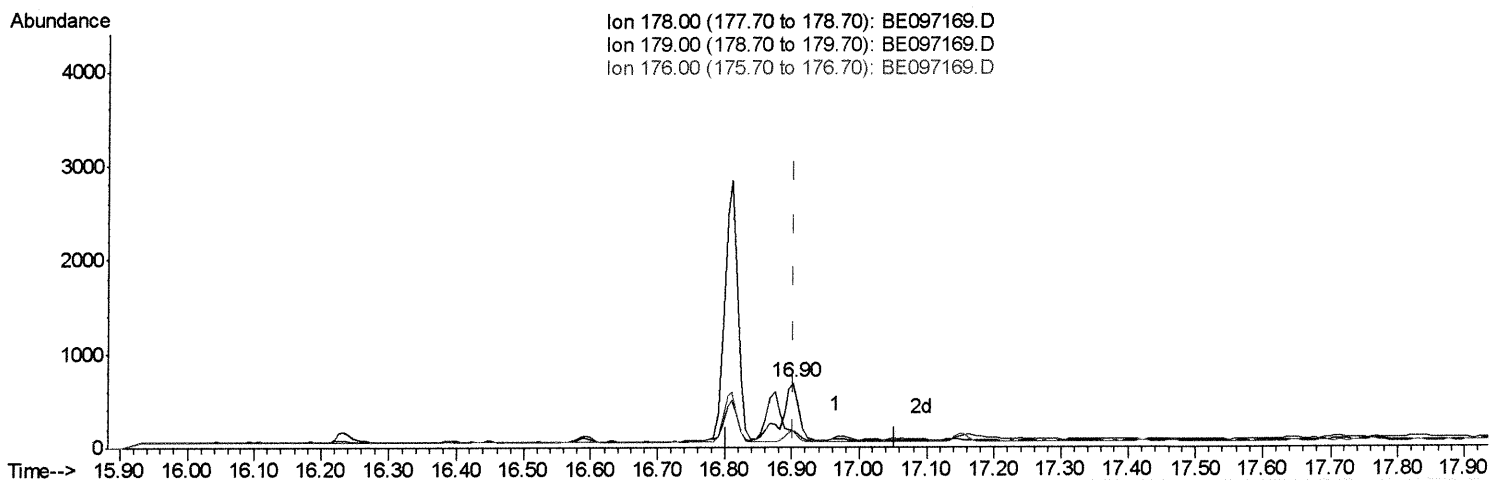
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 Operator : SJ/JU
 Sample : J4171-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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(13) Anthracene

16.902min (-0.001) 0.03ng/ul m> SJ 8/9/18

response 831

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	26.60
176.00	18.40	26.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

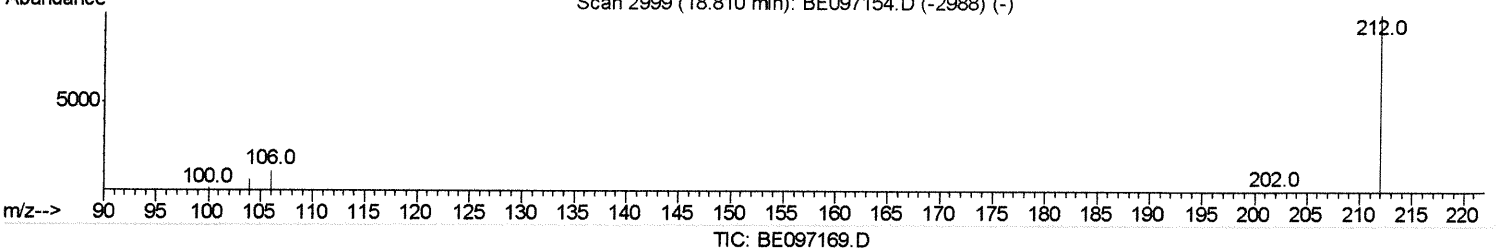
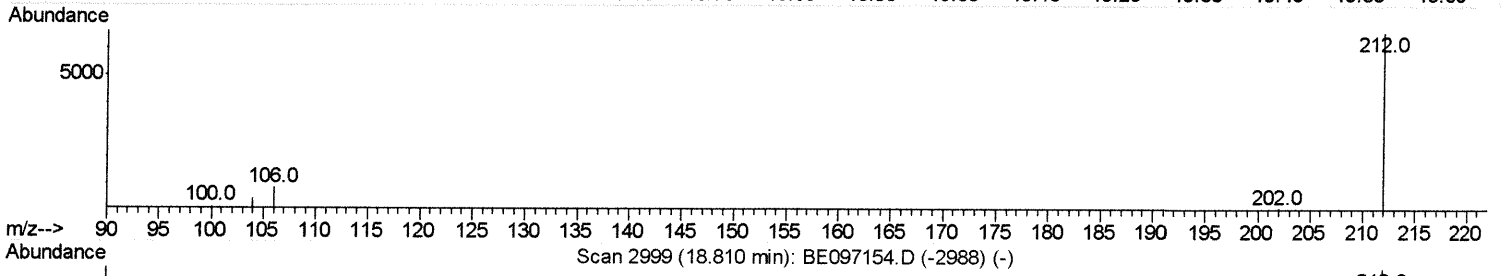
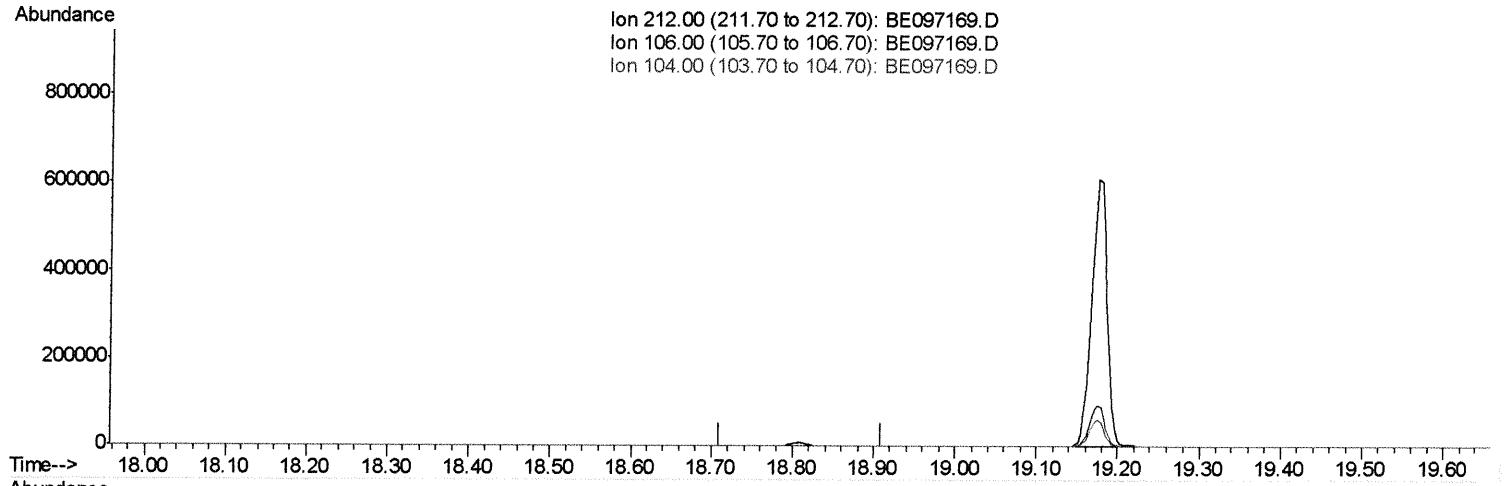
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Manual Integrations
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(14) Fluoranthene-d10 (SURR)

18.810min (-18.810) 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)

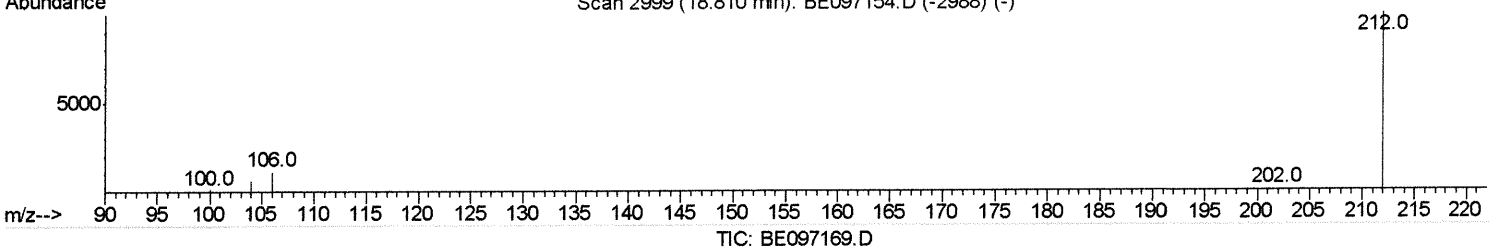
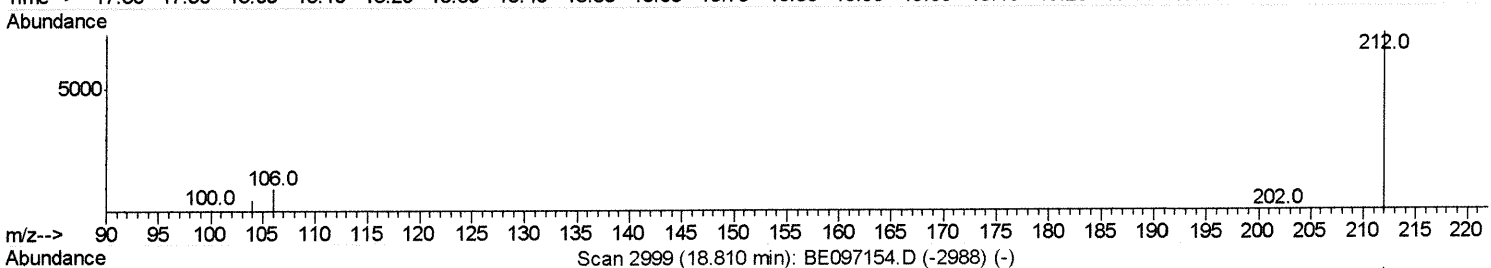
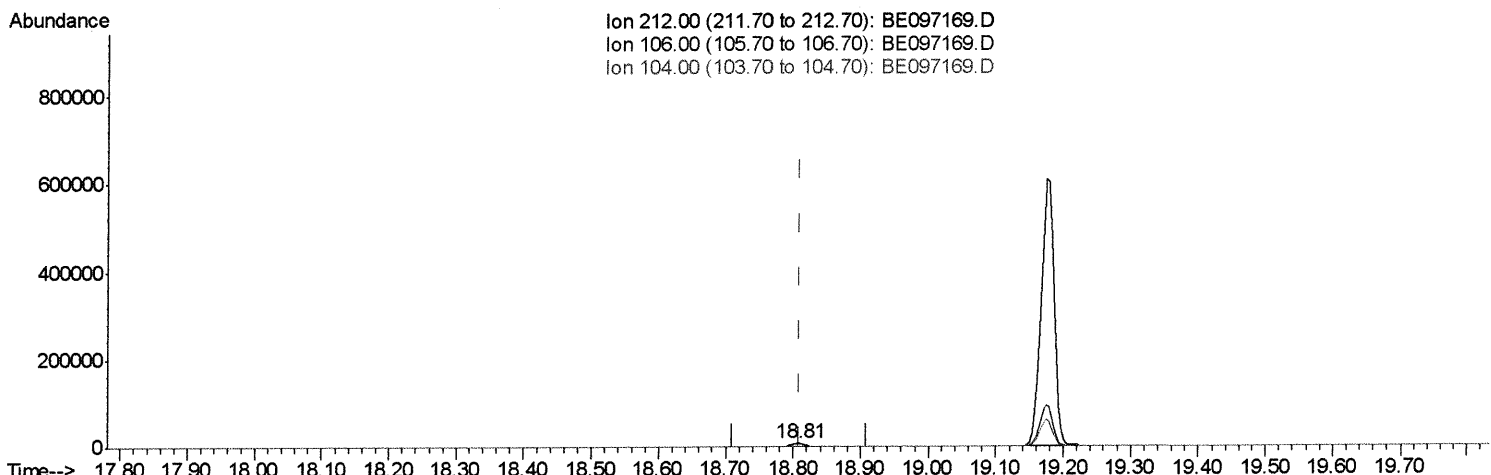
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 Data File : BE097169.D
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 Operator : SJ/JU
 Sample : J4171-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L2

Manual Integrations
 APPROVED

Sohil
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(14) Fluoranthene-d10 (SURR)

18.807min (-0.003) 0.25ng/ul m

> SD 8/9/18

response 9614

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)

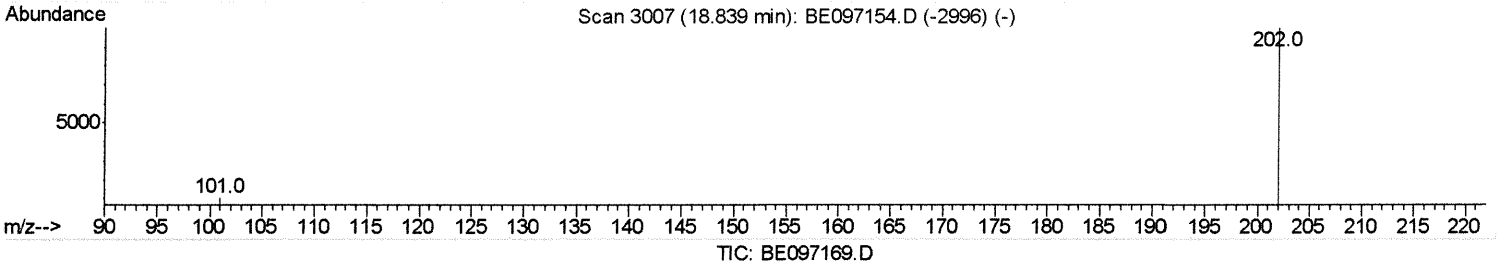
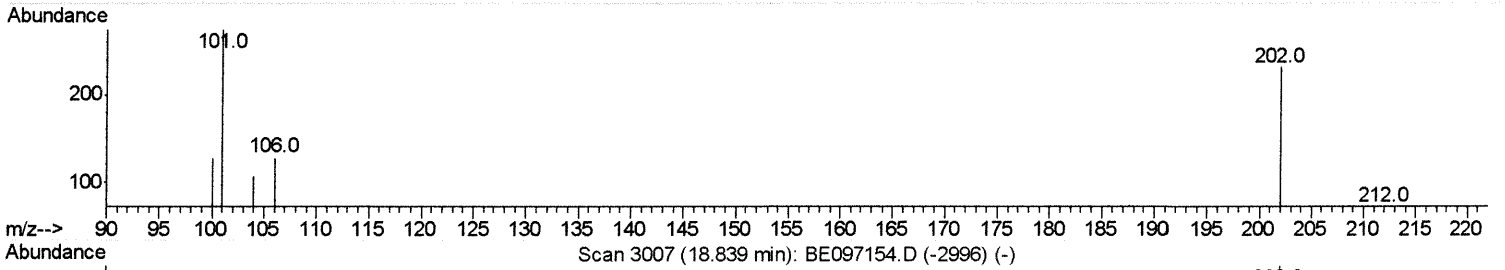
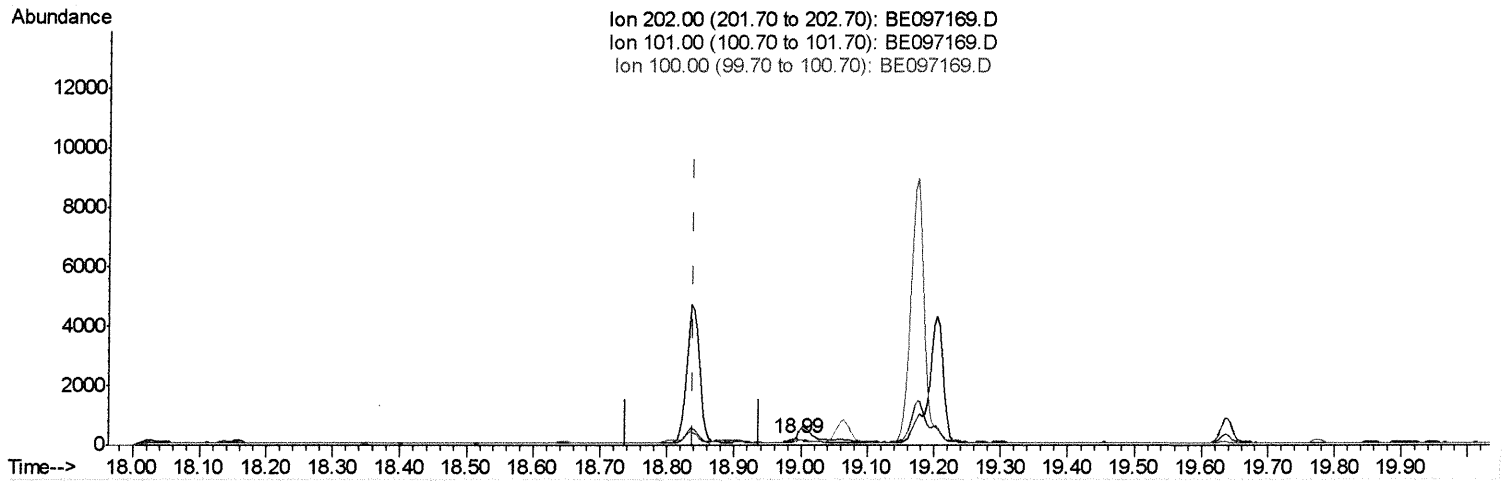
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 Data File : BE097169.D
 Acq On : 3 Aug 2018 2:22
 Operator : SJ/JU
 Sample : J4171-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L2

Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:20 PM

Quant Time: Aug 03 07:31:53 2018
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(15) Fluoranthene (C)

18.992min (+0.154) 0.01ng/ul

response 201

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	118.61#
100.00	19.50	55.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

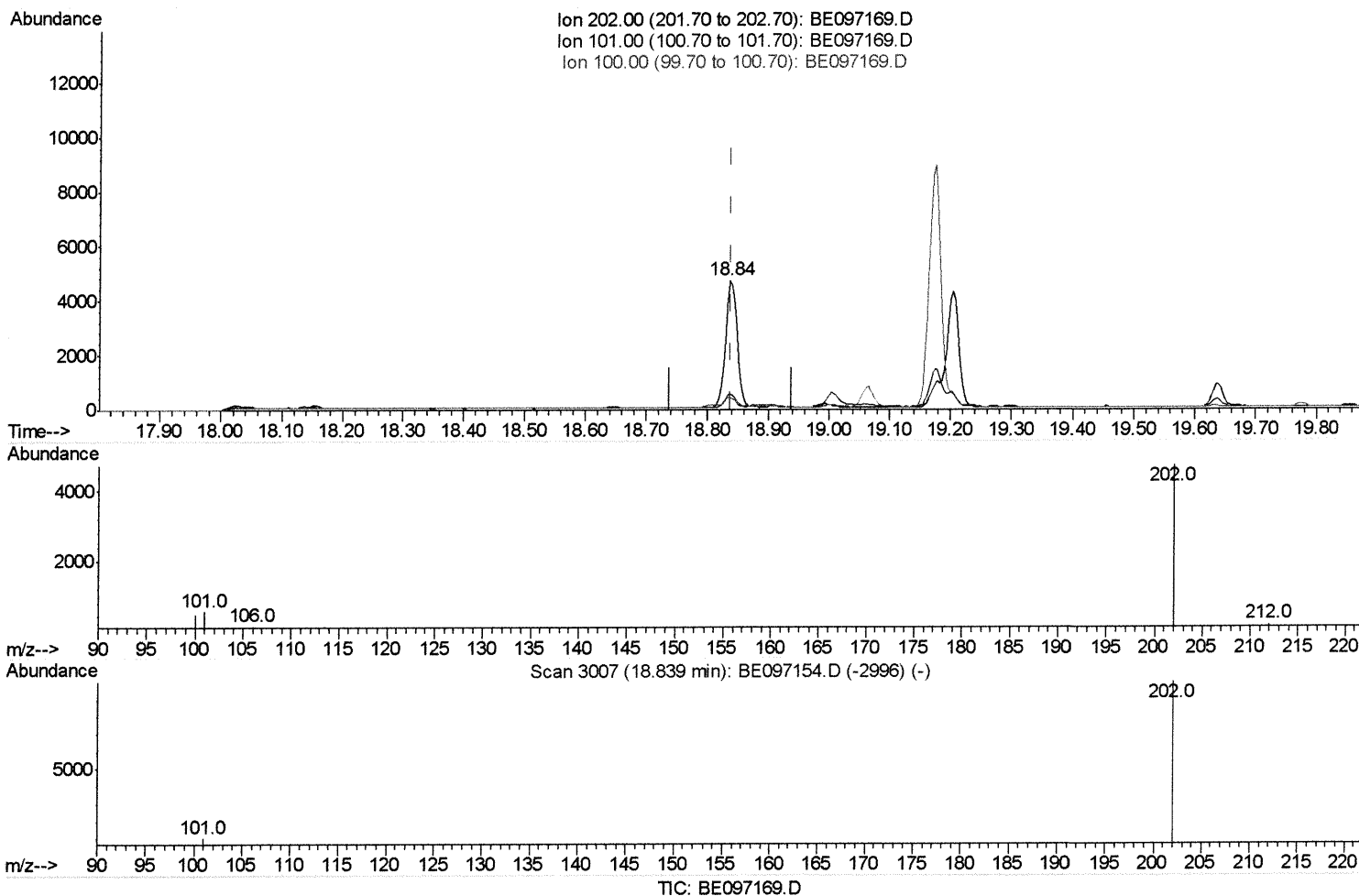
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Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:20 PM

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(15) Fluoranthene (C)

18.836min (-0.003) 0.16ng/ul m

53 8/9/18

response 6053

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	11.79
100.00	19.50	9.81
0.00	0.00	0.00

Quantitation Report (Qedit)

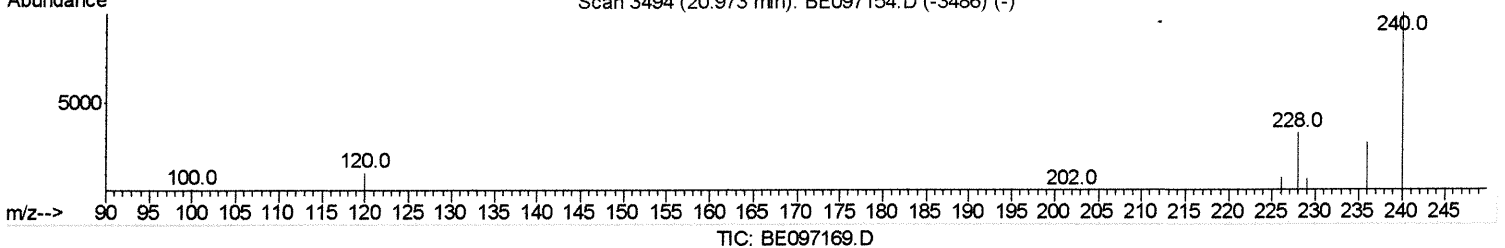
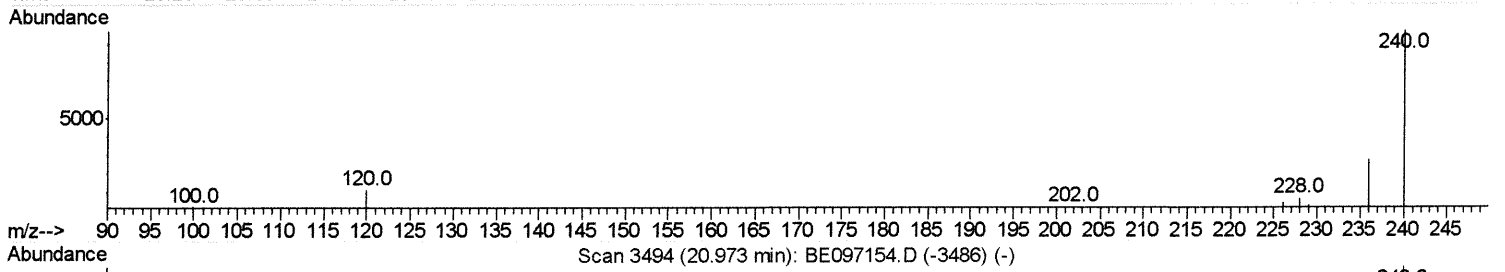
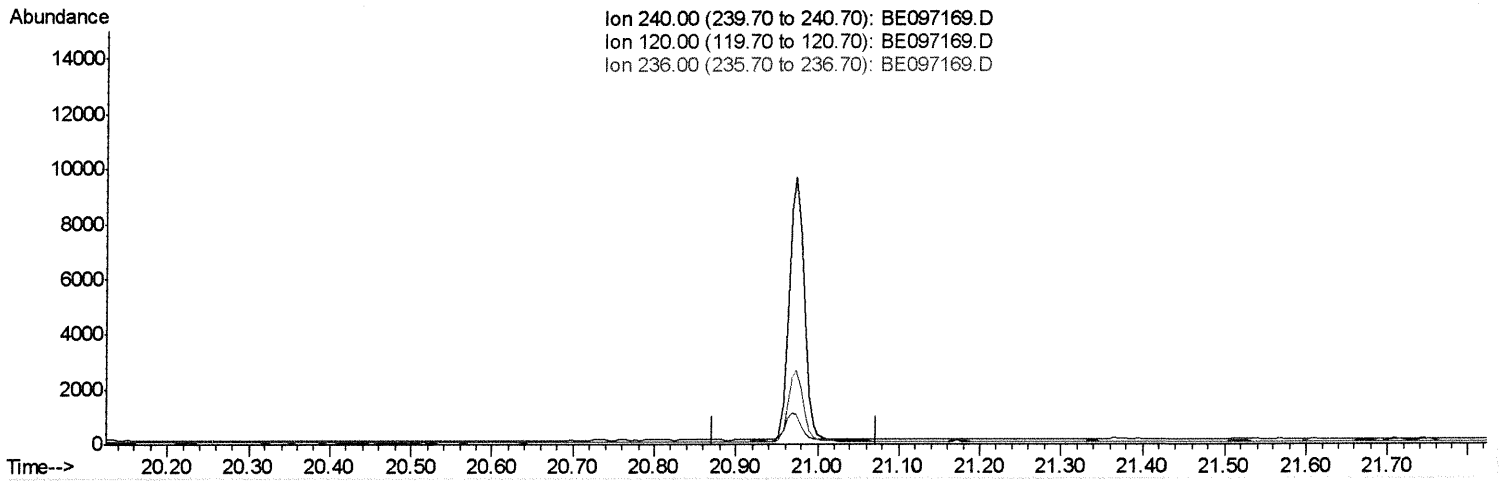
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(16) Chrysene-d12 (I)
 20.973min (-20.973) 0.00ng/ul
 response 0

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)

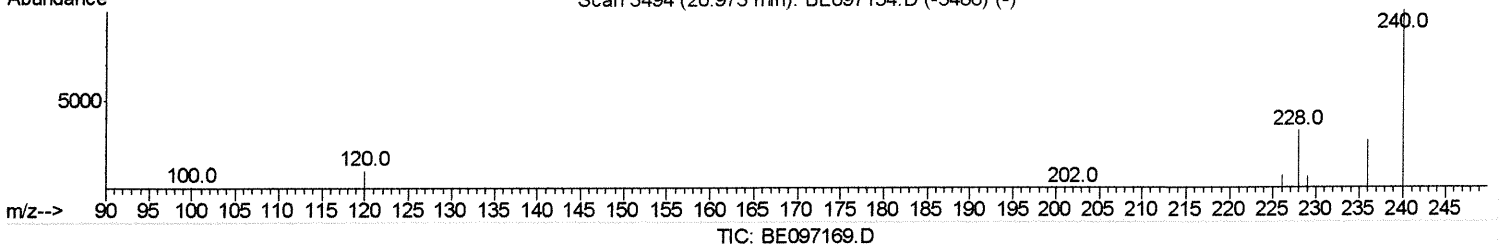
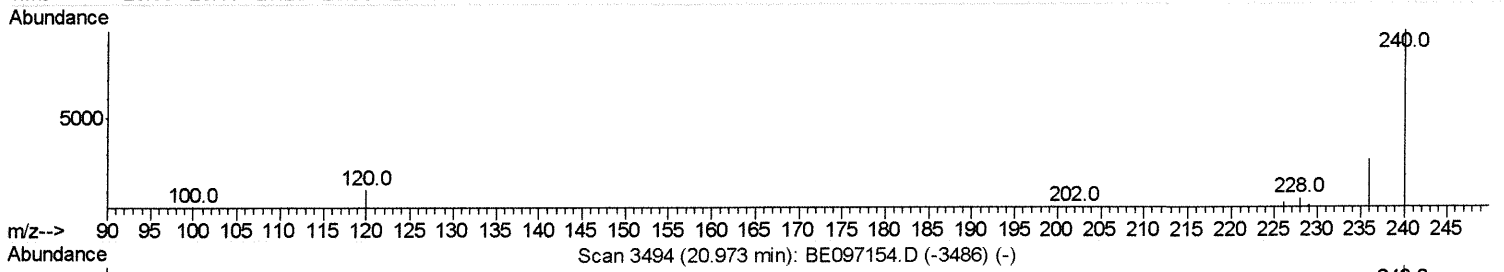
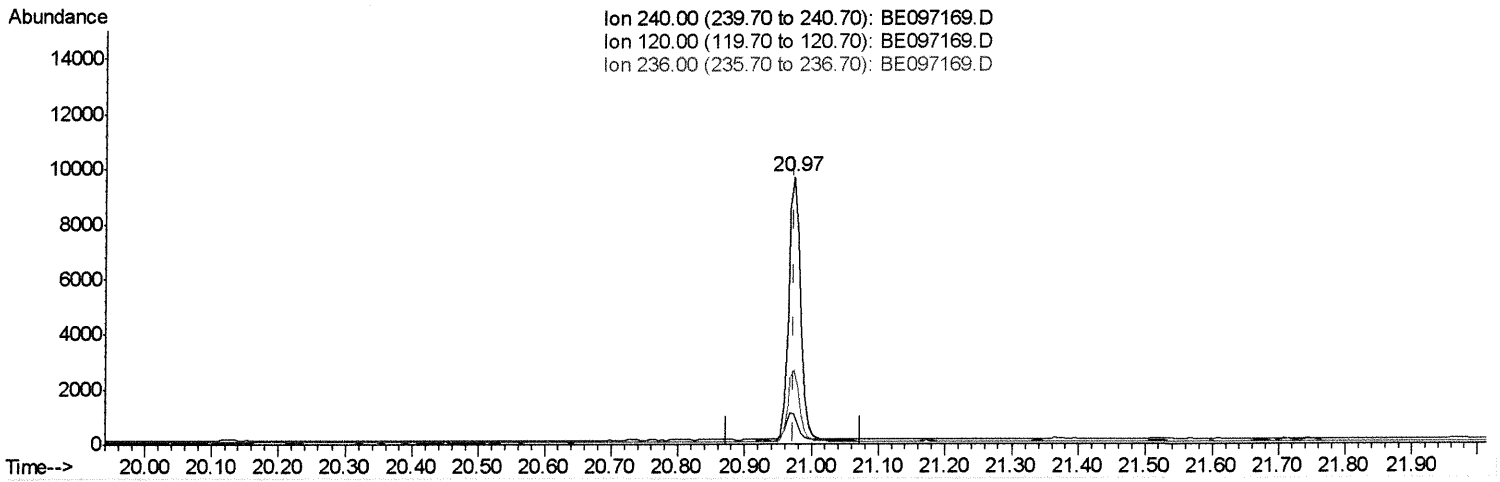
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(16) Chrysene-d12 (I)

20.973min (+0.000) 0.40ng/ul m) SJ 8/9/18

response 12359

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	11.33#
236.00	34.90	27.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

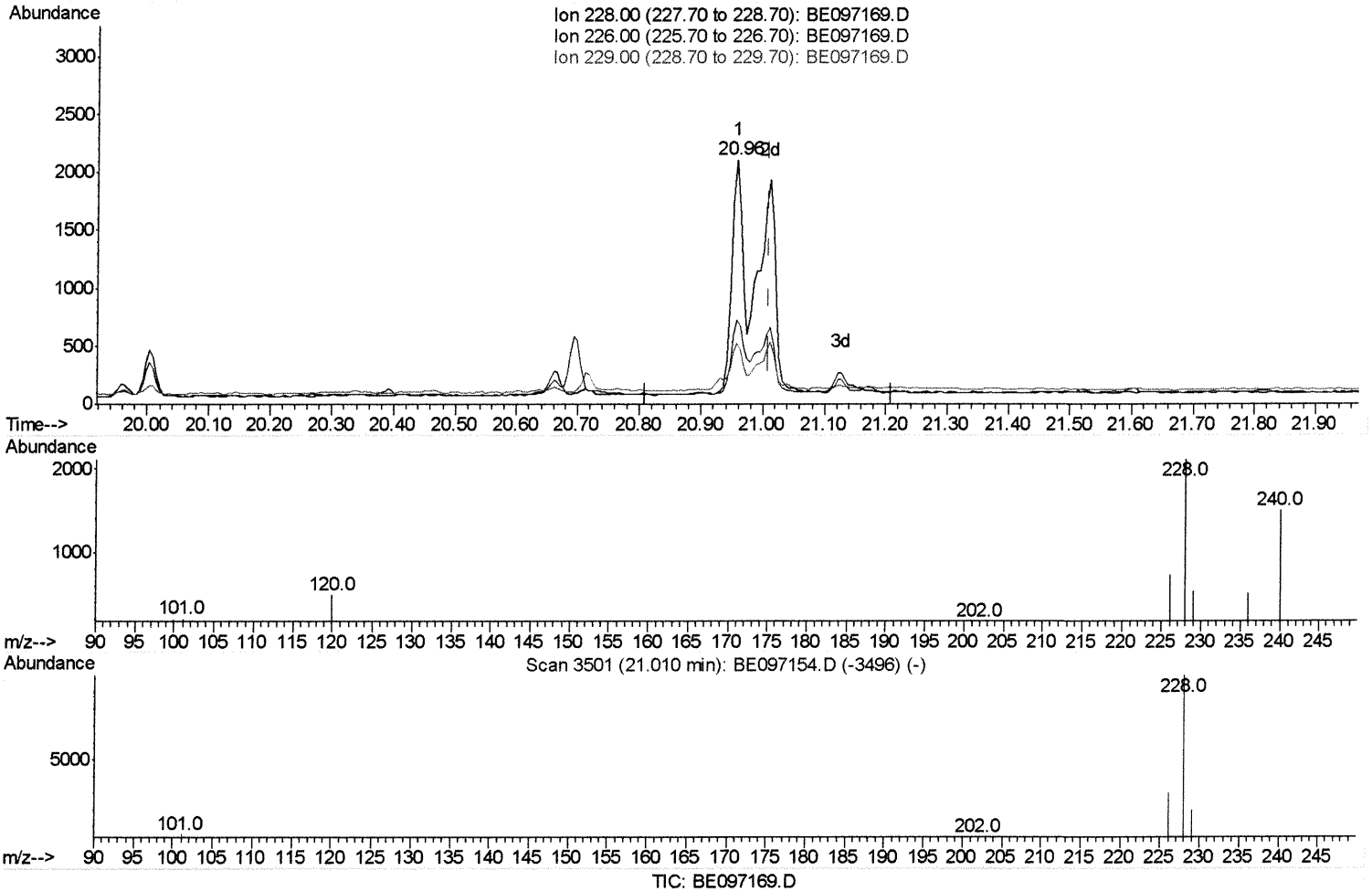
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(19) Chrysene

20.957min (-0.053) 0.07ng/ul

response 2506

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	34.54
229.00	22.10	24.95
0.00	0.00	0.00

Quantitation Report (Qedit)

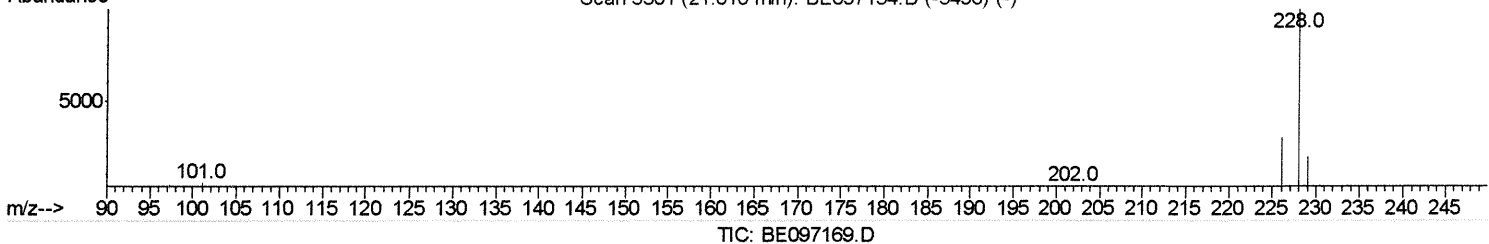
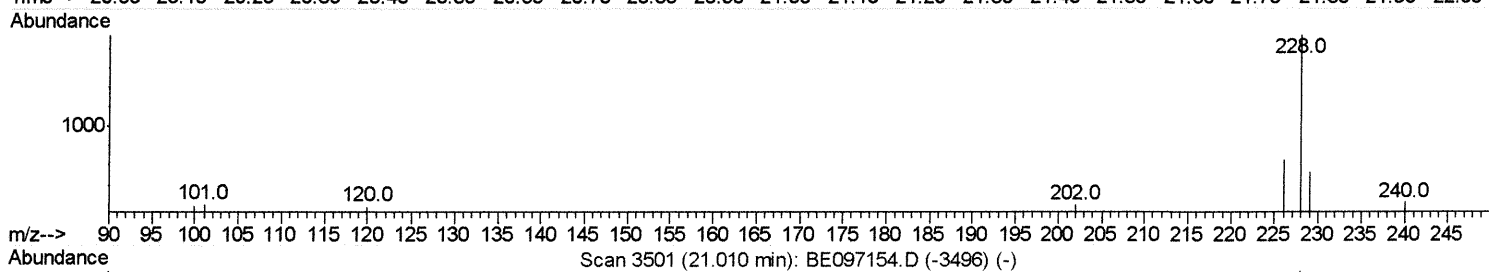
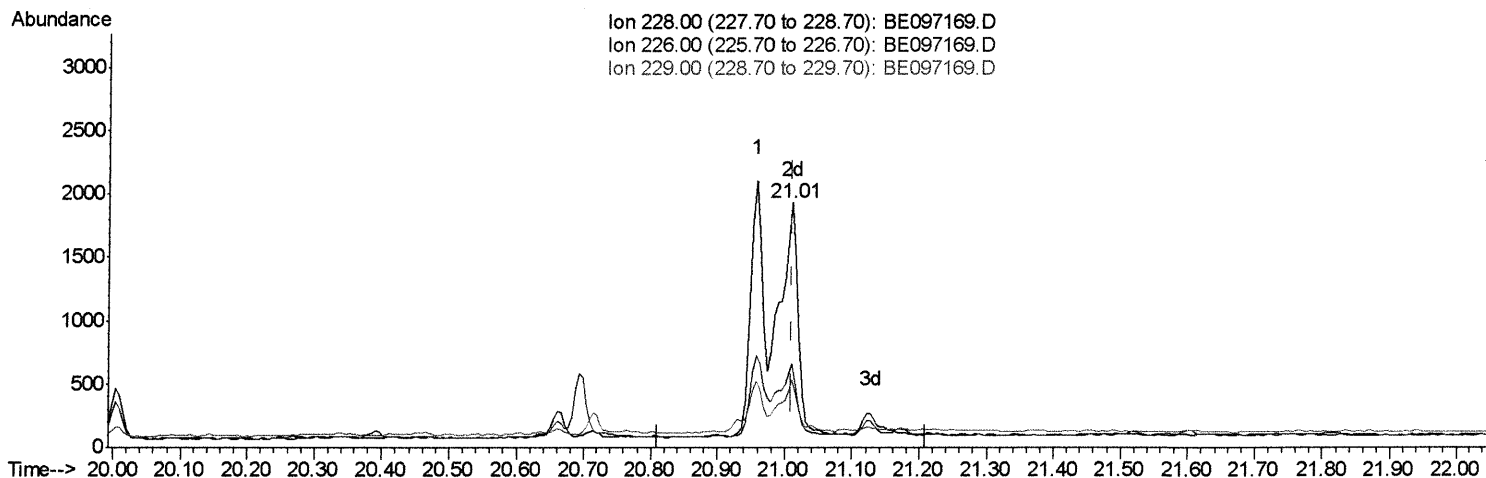
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(19) Chrysene

21.010min (+0.000) 0.06ng/ul *SD 8/9/18*

response 2319

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	34.18
229.00	22.10	27.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

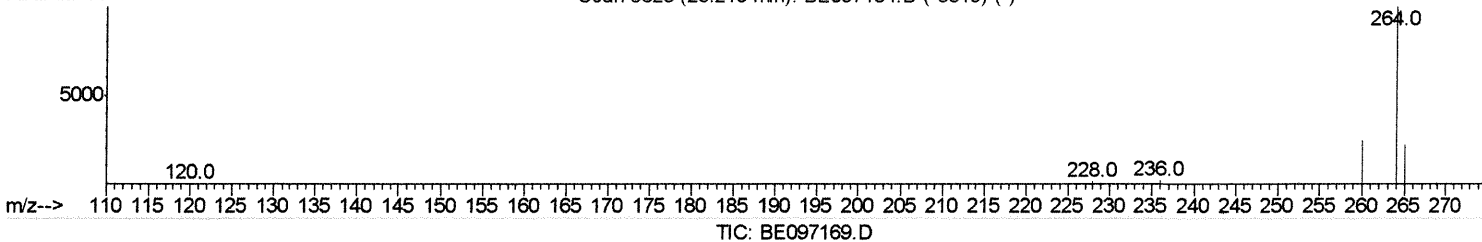
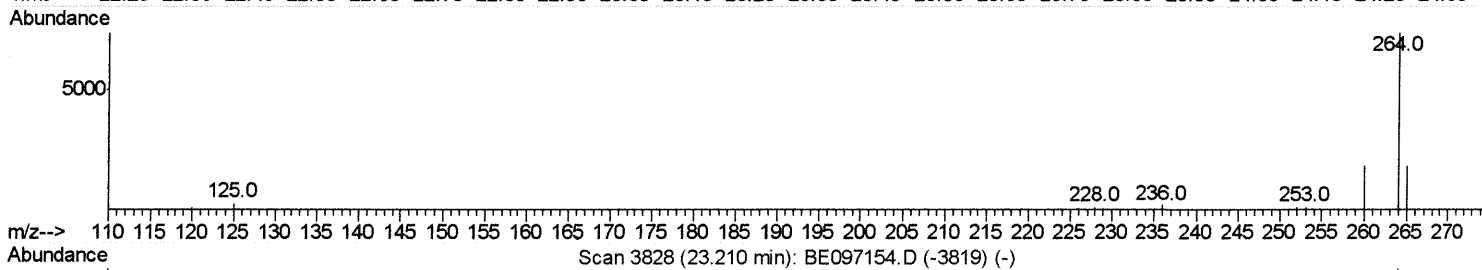
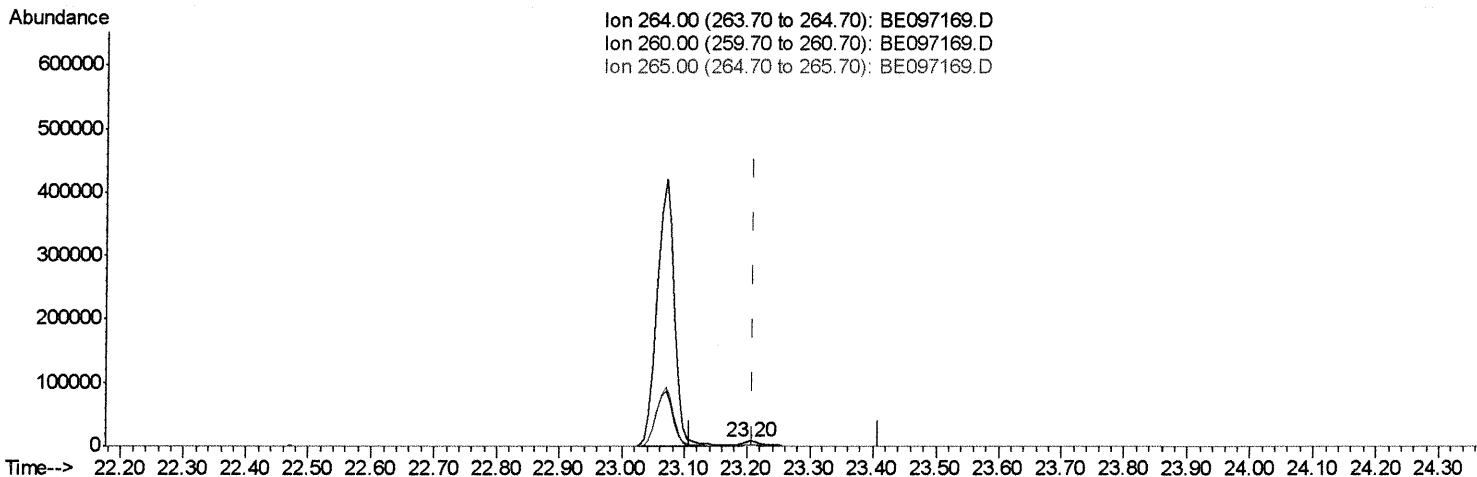
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 Data File : BE097169.D
 Acq On : 3 Aug 2018 2:22
 Operator : SJ/JU
 Sample : J4171-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L2

Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:20 PM

Quant Time: Aug 03 07:33:41 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 : Thu Aug 02 23:40:30 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.203min (-0.007) 0.40ng/ul

response 16617

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.57
265.00	103.50	25.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

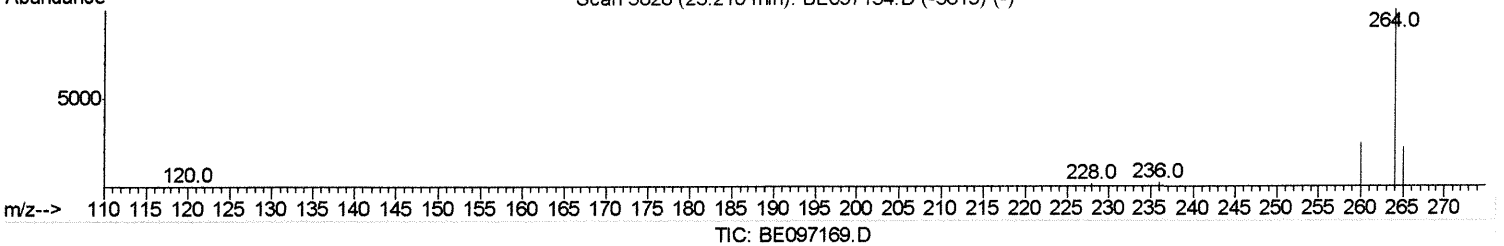
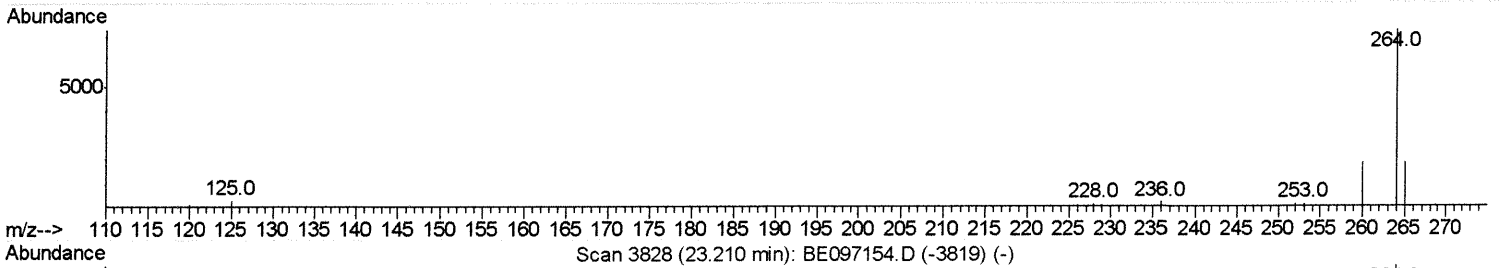
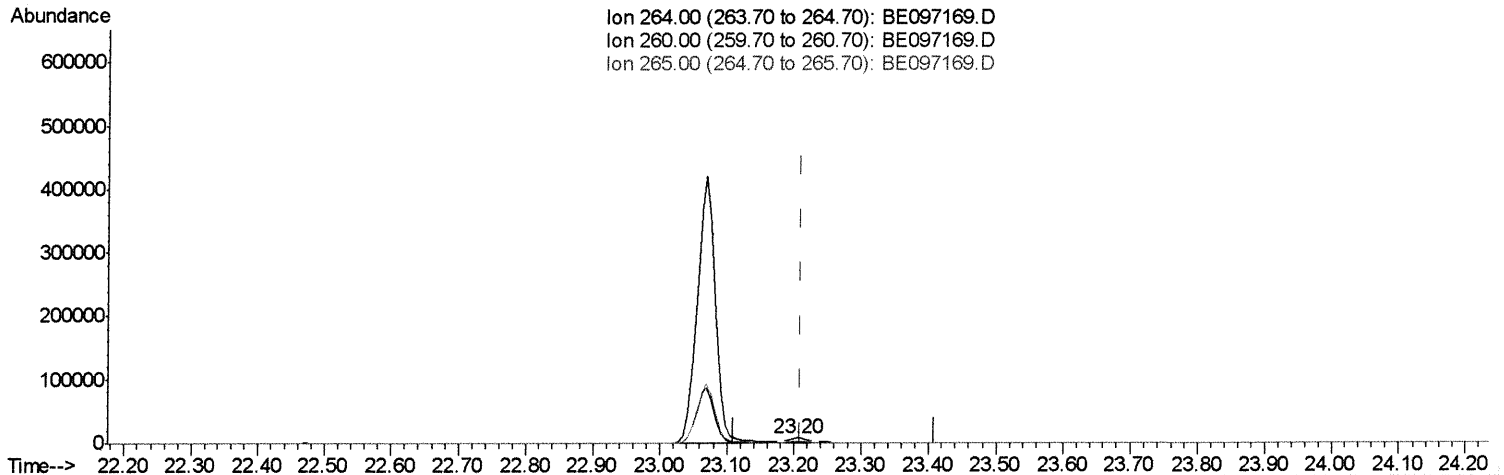
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097169.D
 Acq On : 3 Aug 2018 2:22
 Operator : SJ/JU
 Sample : J4171-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L2

Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:20 PM

Quant Time: Aug 03 07:33:41 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 : Thu Aug 02 23:40:30 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.203min (-0.007) 0.40ng/ul m> SJ 8/9/18

response 10672

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.57
265.00	103.50	25.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

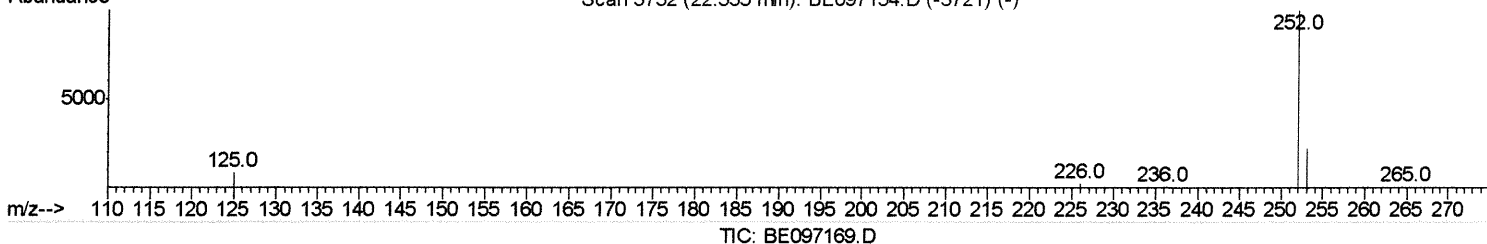
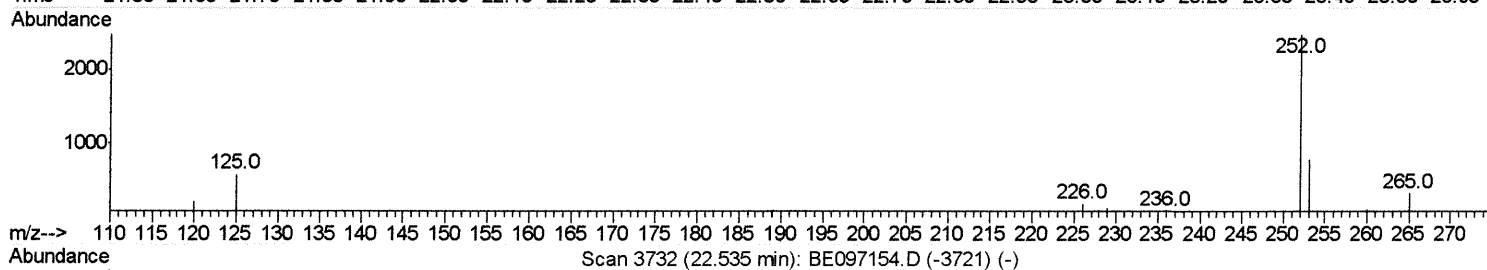
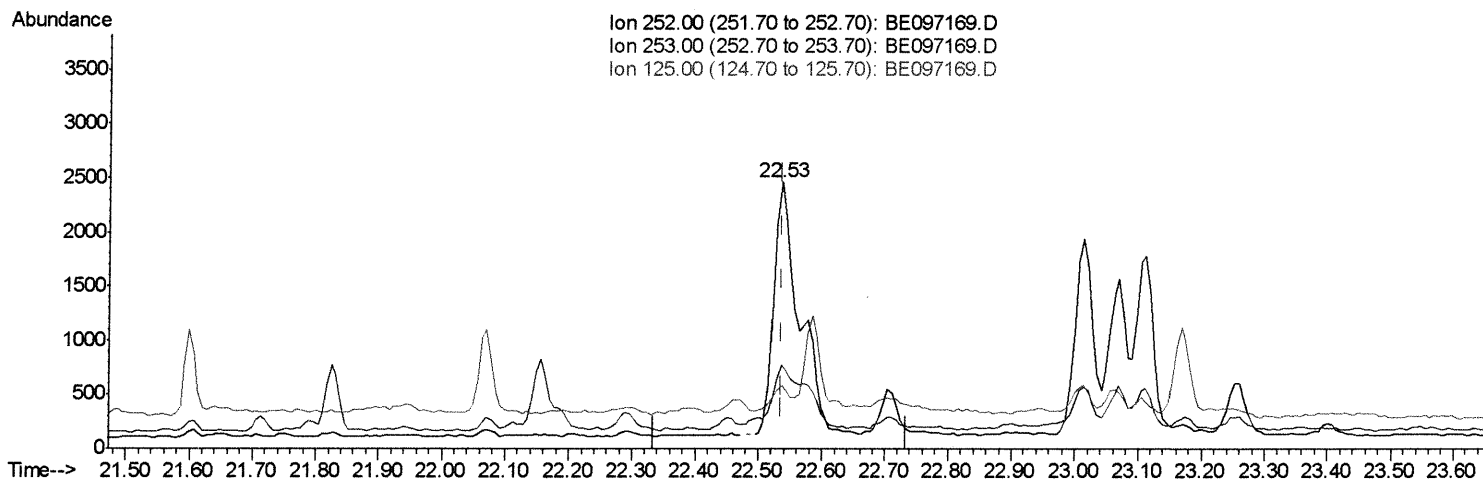
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097169.D
 Acq On : 3 Aug 2018 2:22
 Operator : SJ/JU
 Sample : J4171-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L2

Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:20 PM

Quant Time: Aug 03 07:34:49 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 : Thu Aug 02 23:40:30 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.535min (-0.000) 0.23ng/ul
 response 6660

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	31.56
125.00	17.50	23.49
0.00	0.00	0.00

Quantitation Report (Qedit)

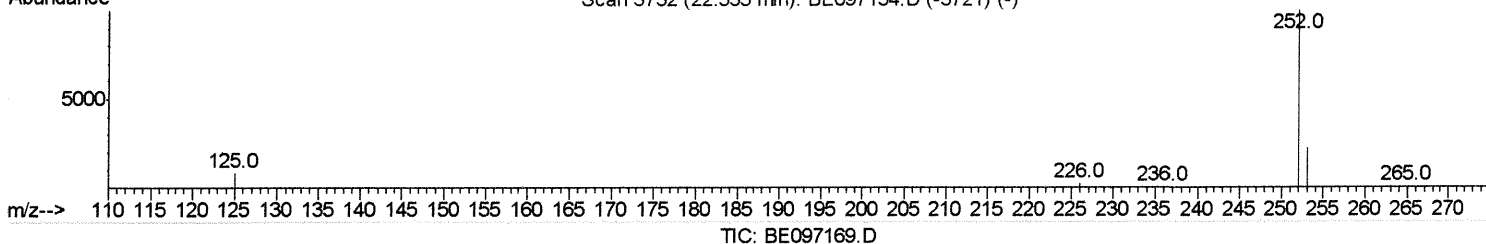
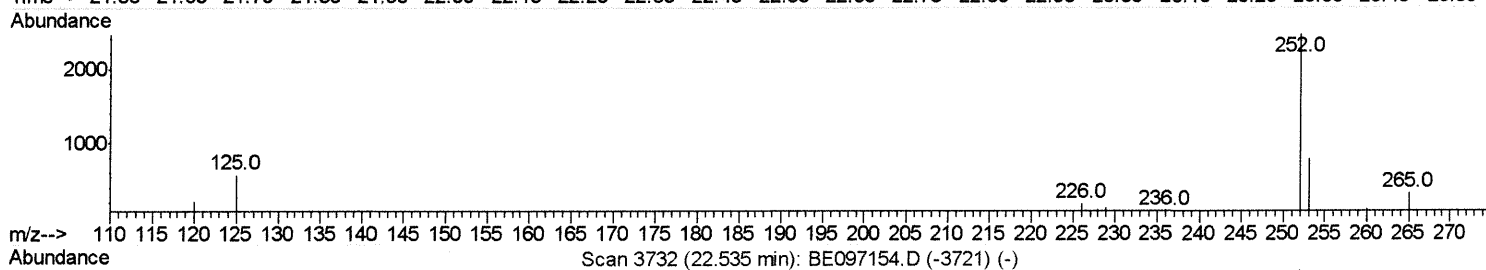
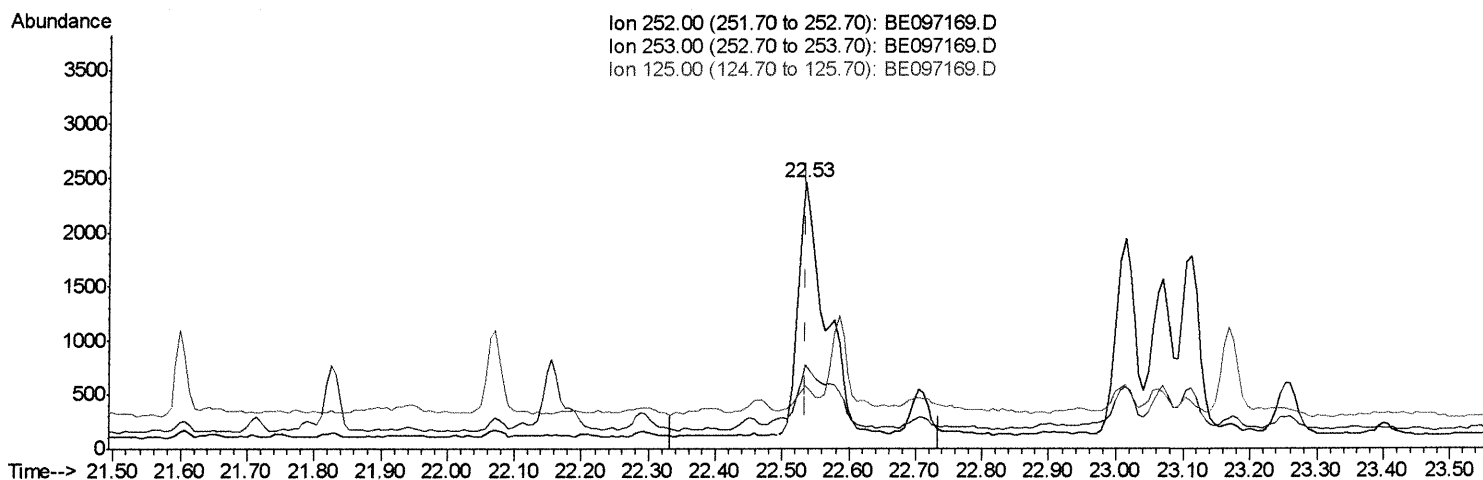
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
Data File : BE097169.D
Acq On : 3 Aug 2018 2:22
Operator : SJ/JU
Sample : J4171-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1L2

Manual Integrations
APPROVED

Sohil
8/3/2018 5:55:20 PM

Quant Time: Aug 03 07:34:49 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 : Thu Aug 02 23:40:30 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.535min (-0.000) 0.17ng/ul m> 53 819118

response 4953

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	31.56
125.00	17.50	23.49
0.00	0.00	0.00

Quantitation Report (Qedit)

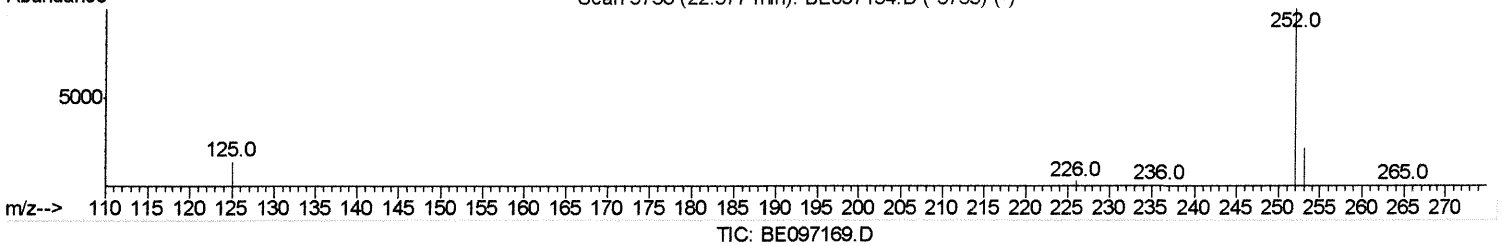
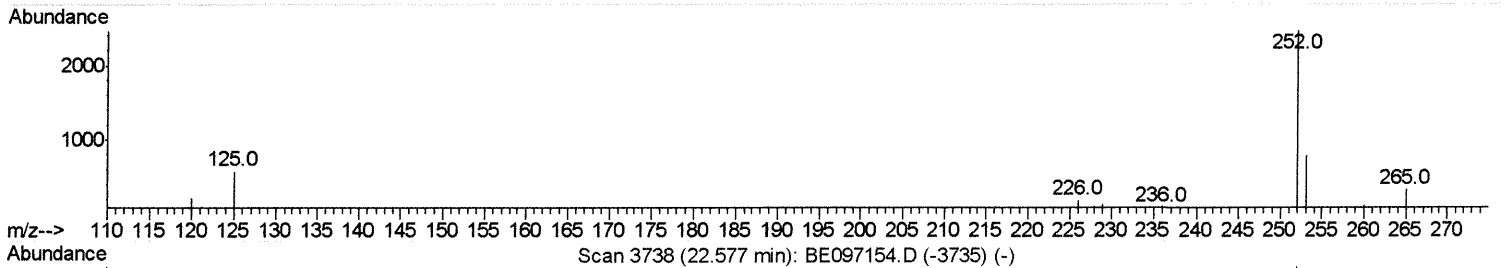
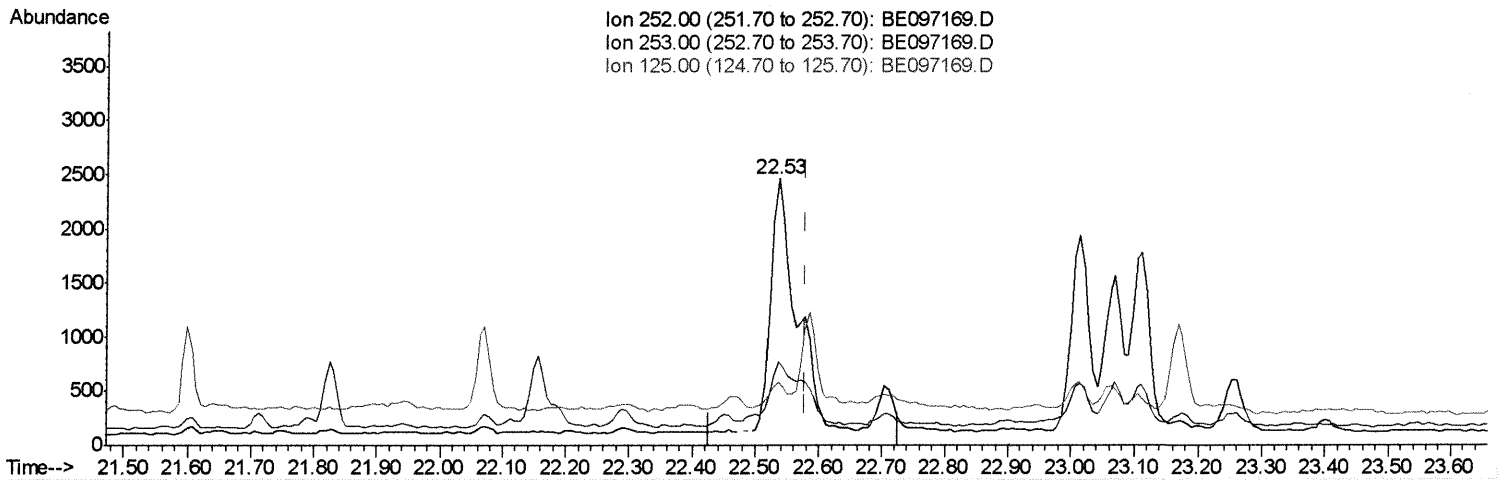
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097169.D
 Acq On : 3 Aug 2018 2:22
 Operator : SJ/JU
 Sample : J4171-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L2

Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:20 PM

Quant Time: Aug 03 07:34:49 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 : Thu Aug 02 23:40:30 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 22.535min (-0.042) 0.21ng/ul
 response 6660

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	31.56
125.00	17.10	23.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

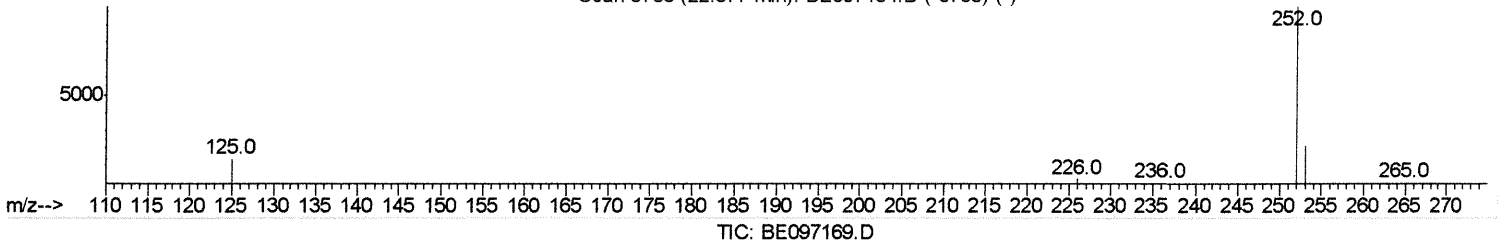
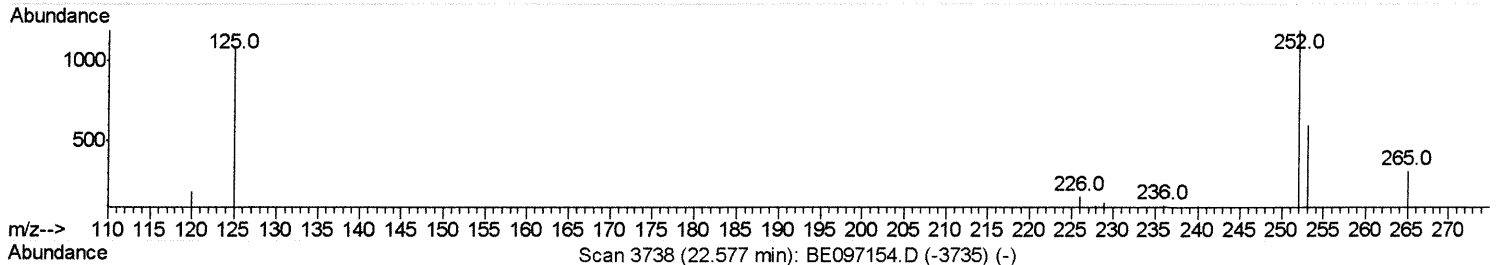
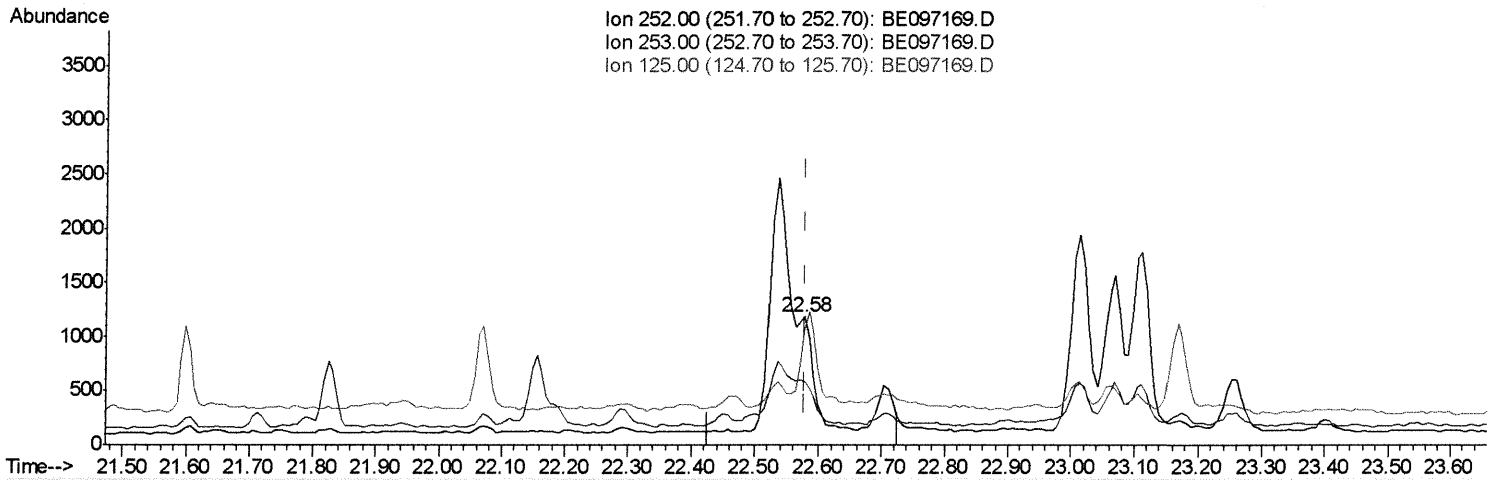
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097169.D
 Acq On : 3 Aug 2018 2:22
 Operator : SJ/JU
 Sample : J4171-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L2

Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:20 PM

Quant Time: Aug 03 07:34:49 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 : Thu Aug 02 23:40:30 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.577min (-0.000) 0.05ng/ul m> 50 8/9/18

response 1661

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	50.38#
125.00	17.10	90.21#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
ClientSampleId :
JJ1L2

Manual Integrations
APPROVED

Sohil
8/3/2018 5:55:20 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
Data File : BE097169.D
Acq On : 3 Aug 2018 2:22
Operator : SJ/JU
Sample : J4171-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 03 07:35:53 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 : Thu Aug 02 23:40:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1322	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6907	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4461	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	11362m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	12359m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10672m	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	11.72	152	2797	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	9614m	0.25	ng/ul	0.00

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Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) Phenanthrene	16.81	178	3881m	0.134	ng/ul	
13) Anthracene	16.90	178	831m	0.031	ng/ul	
15) Fluoranthene	18.84	202	6053m	0.158	ng/ul	
17) Pyrene	19.20	202	6643	0.201	ng/ul#	85
18) Benzo(a)anthracene	20.96	228	2506	0.071	ng/ul#	84
19) Chrysene	21.01	228	2319m	0.064	ng/ul	
21) Benzo(b)fluoranthene	22.53	252	4953m	0.170	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	1661m	0.053	ng/ul	
23) Benzo(a)pyrene	23.11	252	2696	0.093	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.49	276	5731	0.157	ng/ul#	73
25) Dibenzo(a,h)anthracene	25.50	278	913	0.031	ng/ul#	52
26) Benzo(g,h,i)perylene	26.19	276	5781	0.184	ng/ul	96

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