

Quantitation Report (QT Reviewed)

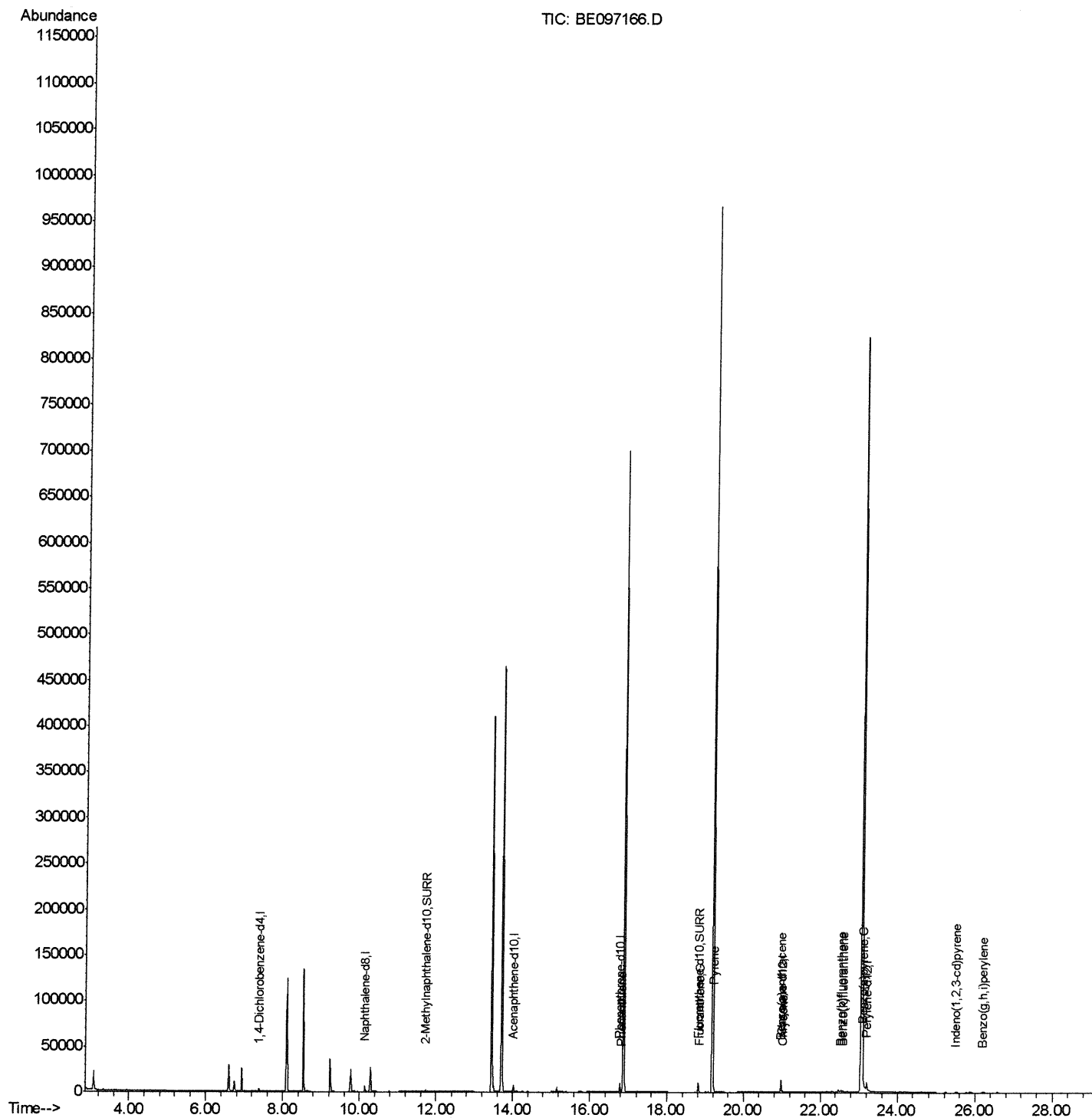
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097166.D
 Acq On : 3 Aug 2018 00:29
 Operator : SJ/JU
 Sample : J4171-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K8

Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:17 PM

Quant Time: Aug 03 07:45:50 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)

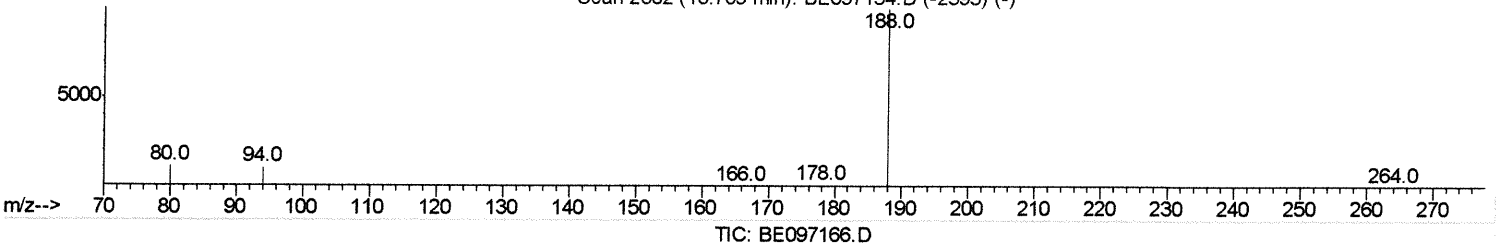
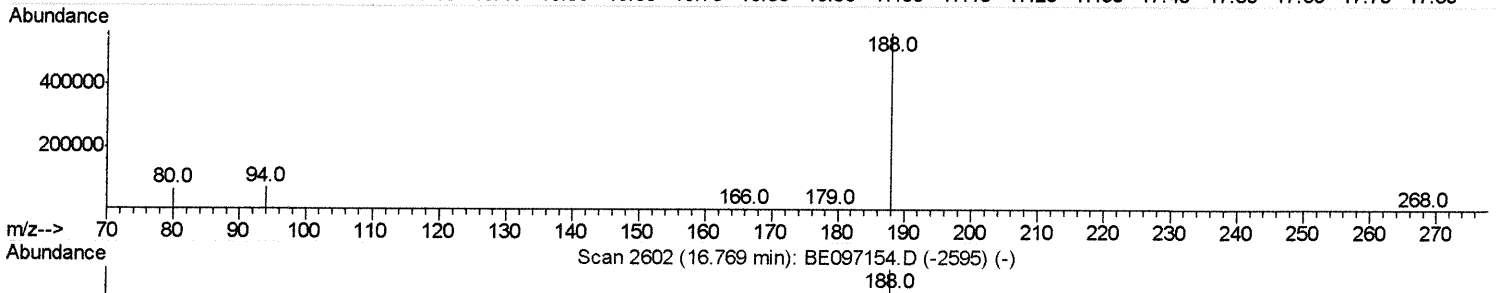
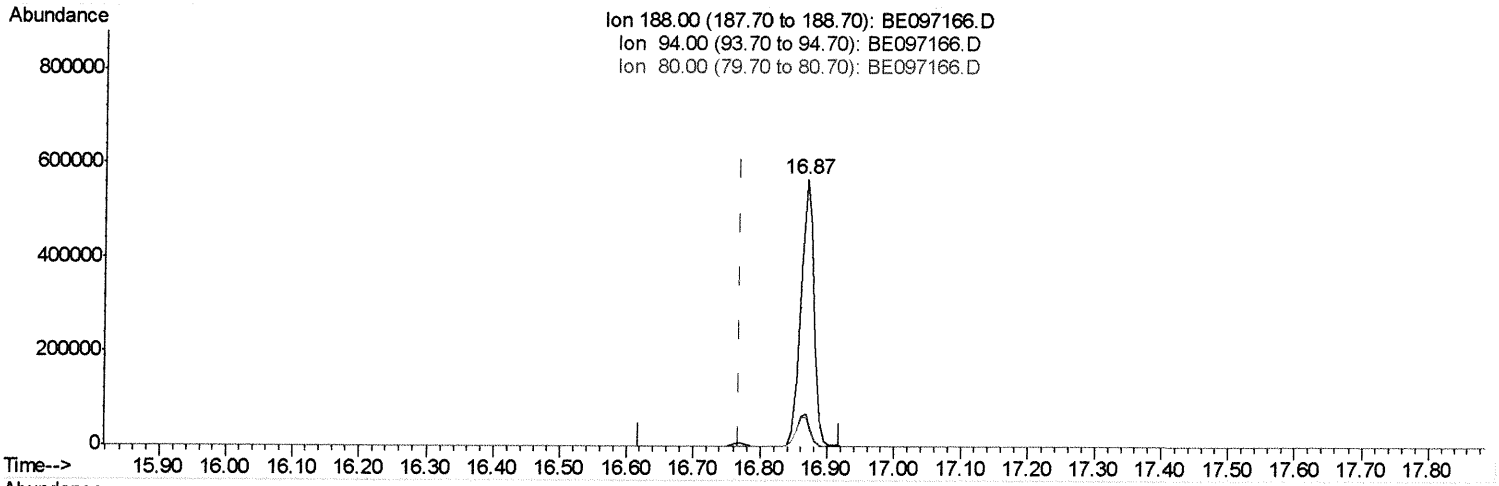
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Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:17 PM

Quant Time: Aug 03 07:38:27 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
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(10) Phenanthrene-d10 (I)
 16.867min (+0.098) 0.40ng/ul
 response 790760

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.14
80.00	11.80	11.08
0.00	0.00	0.00

Quantitation Report (Qedit)

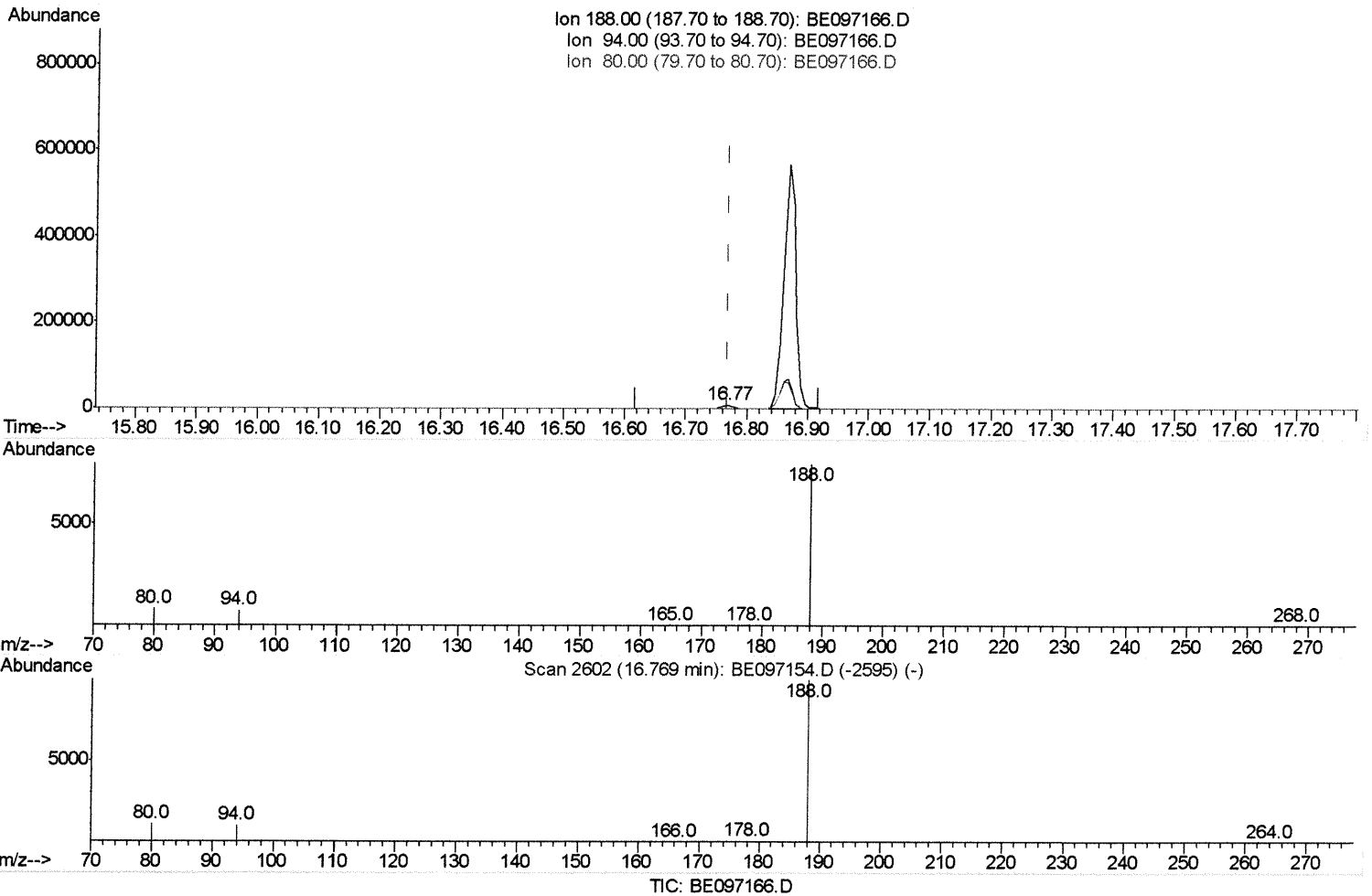
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Sohil
 8/3/2018 5:55:17 PM

Quant Time: Aug 03 07:39:21 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)

16.769min (-0.000) 0.40ng/ul m

52 89118

response 10829

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.77
80.00	11.80	10.61
0.00	0.00	0.00

Quantitation Report (Qedit)

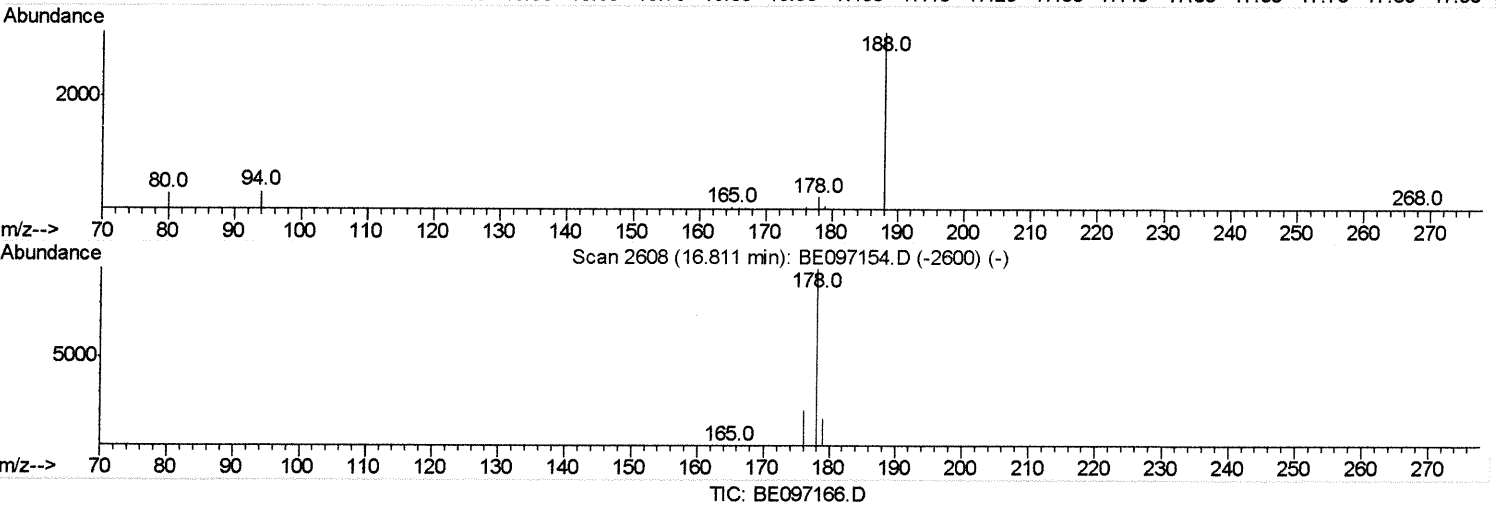
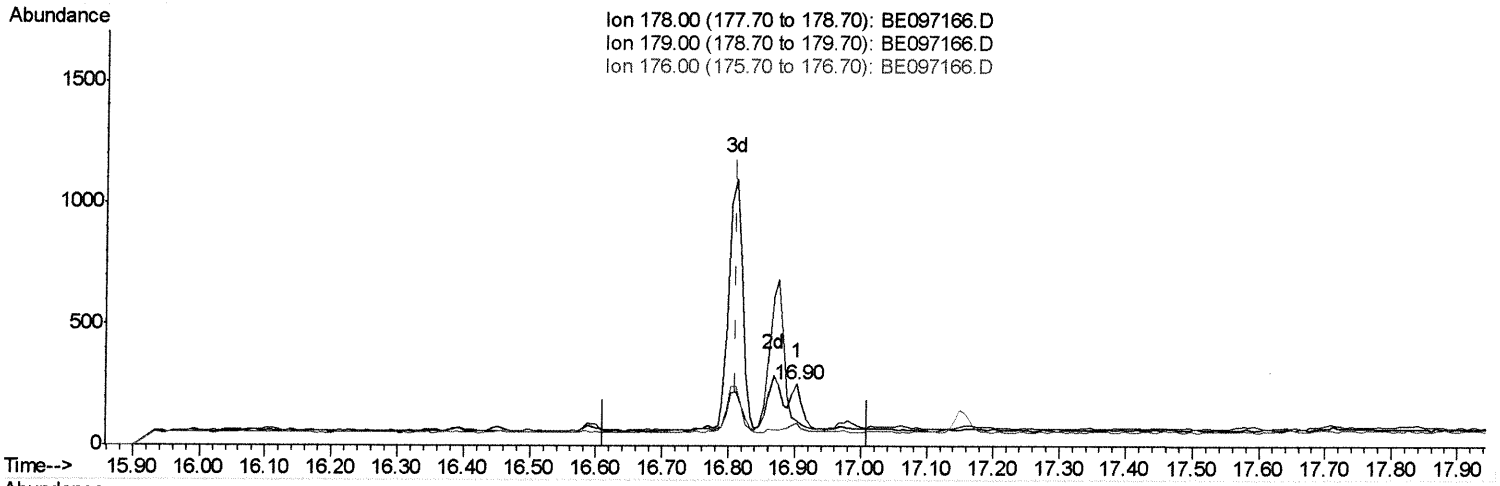
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(12) Phenanthrene

16.902min (+0.091) 0.01ng/ui

response 213

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	40.94#
176.00	17.00	36.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

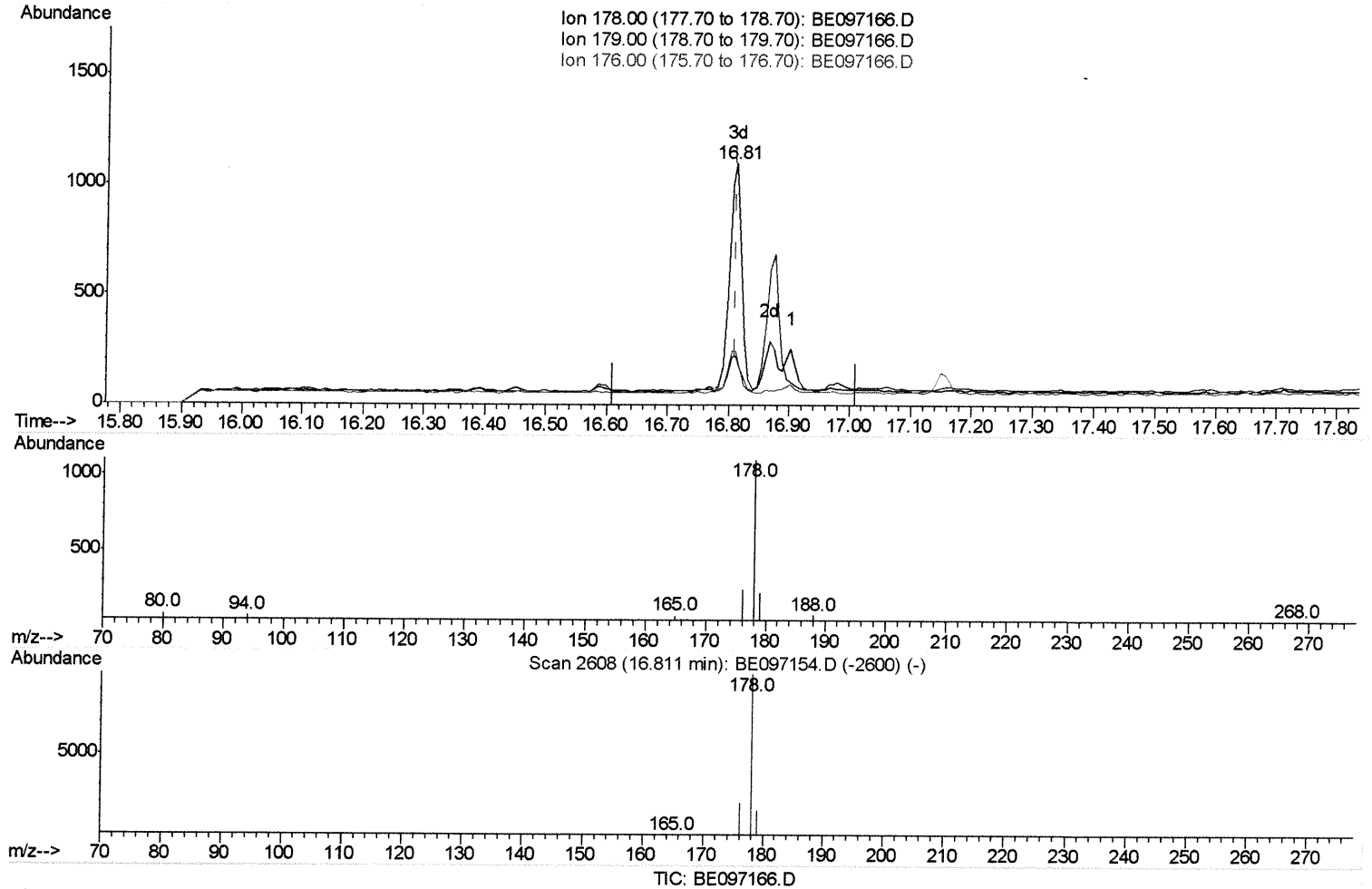
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(12) Phenanthrene

16.811min (-0.000) 0.05ng/ul m> SJ 8/9/18

response 1439

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	20.55
176.00	17.00	22.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

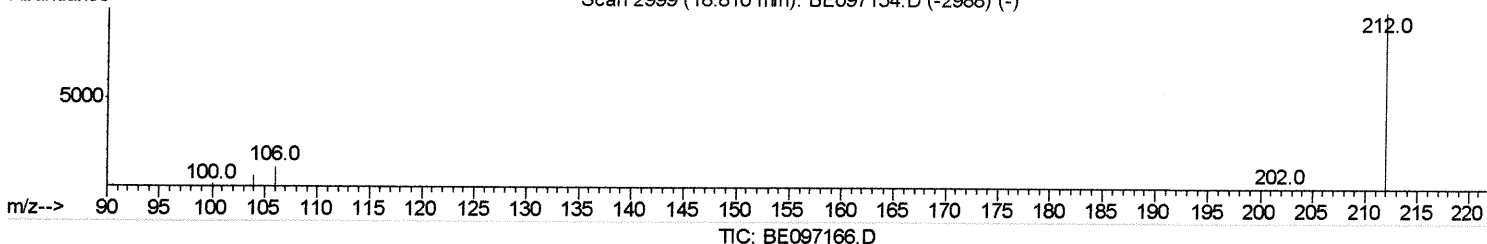
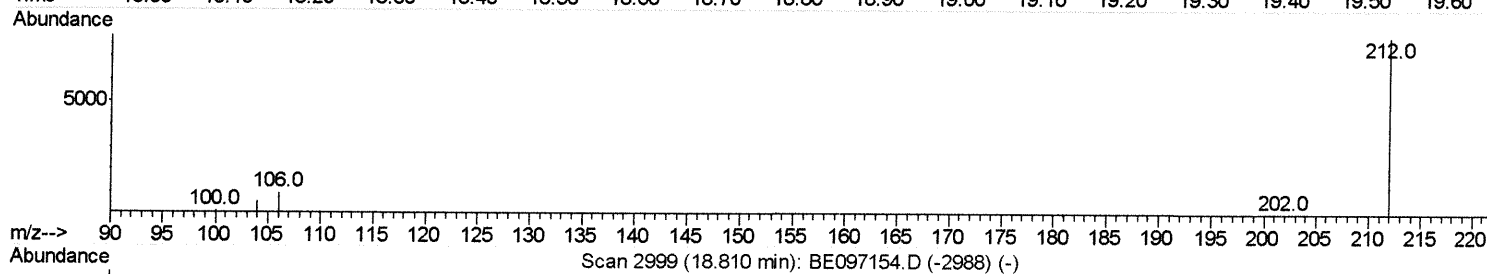
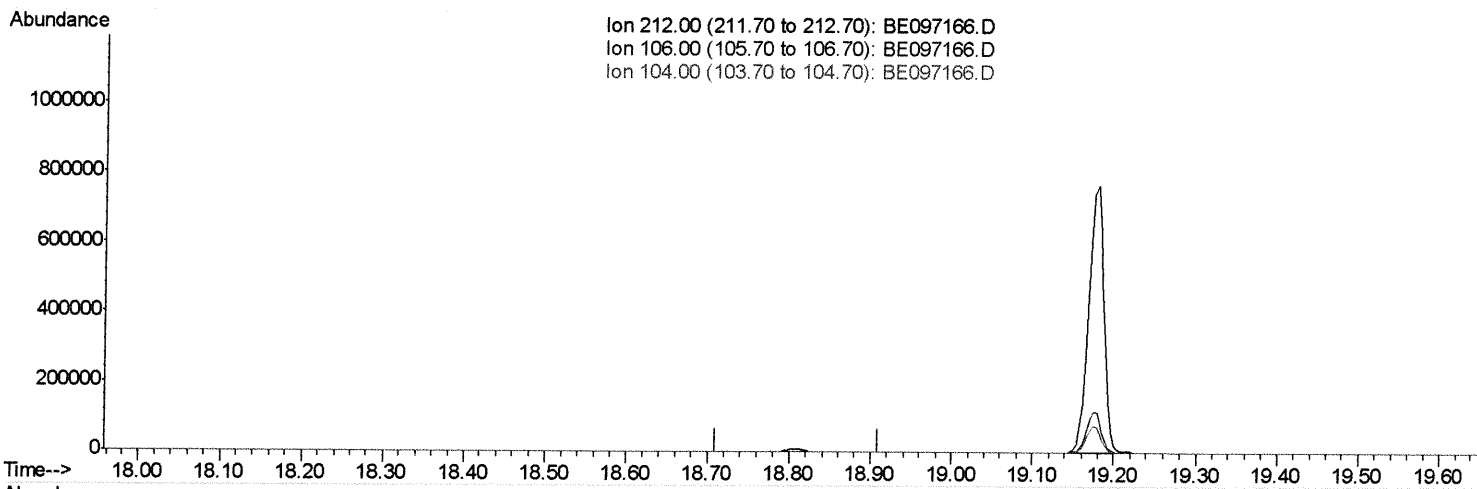
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(14) Fluoranthene-d10 (SURR)

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)

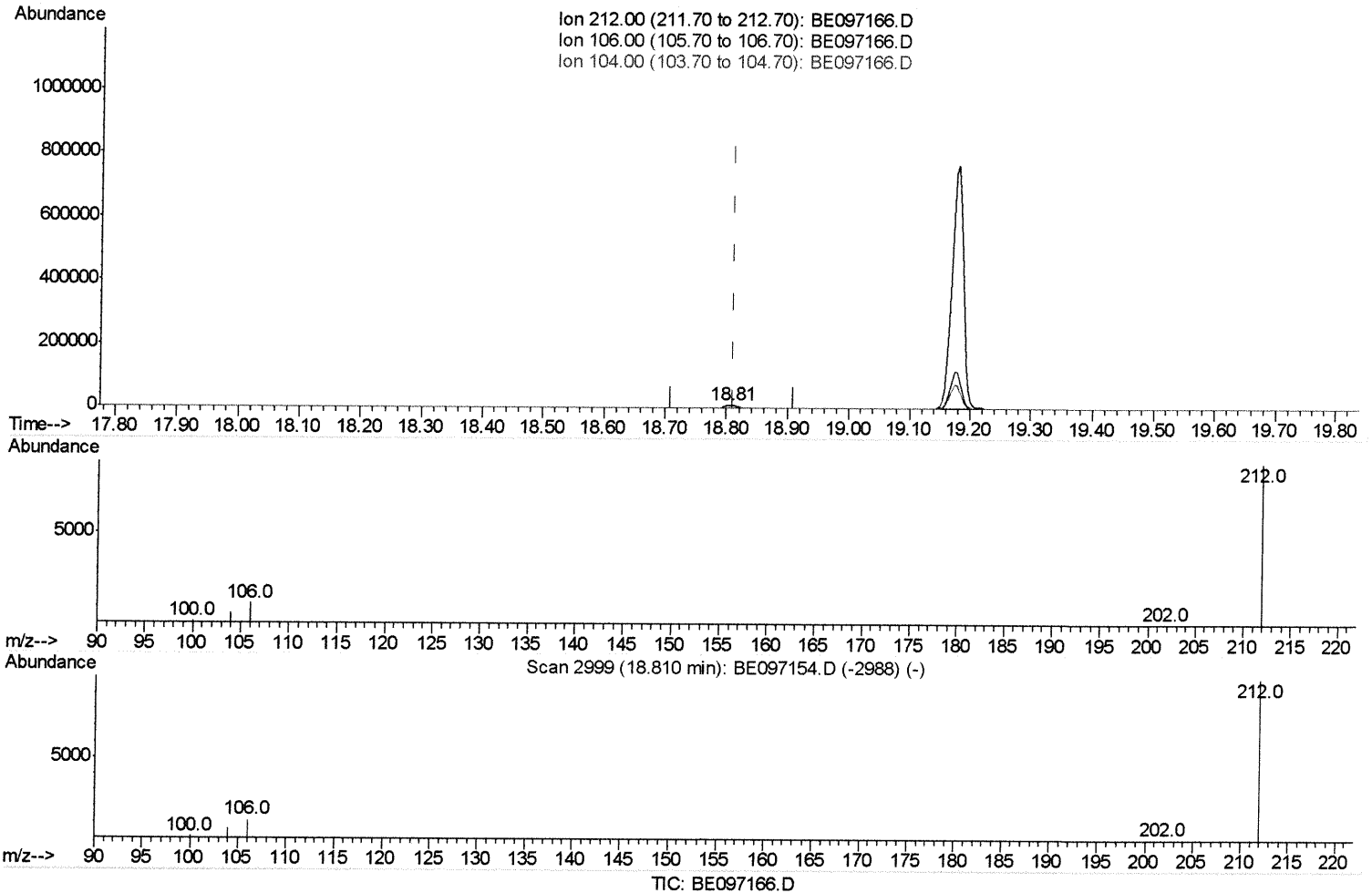
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 Data File : BE097166.D
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 Sample : J4171-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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(14) Fluoranthene-d10 (SURR)

18.807min (-0.003) 0.31ng/ul m > 52 8/9/18

response 11394

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)

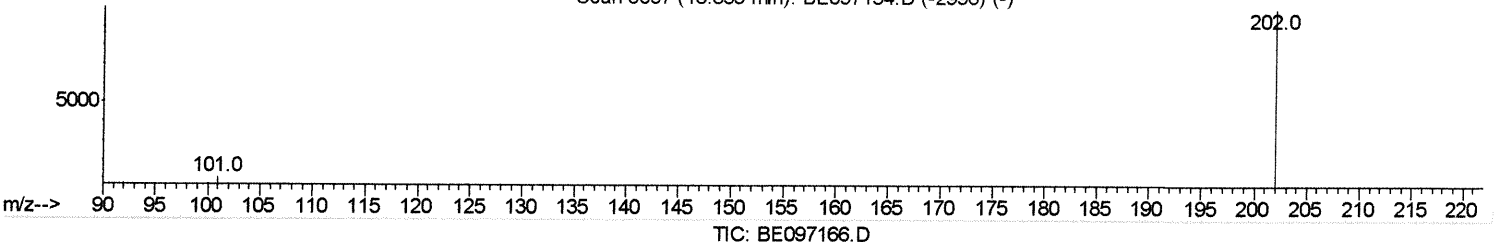
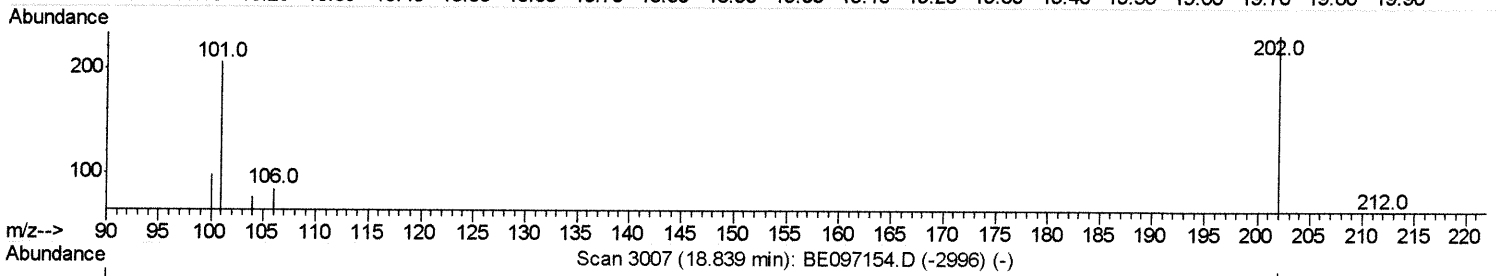
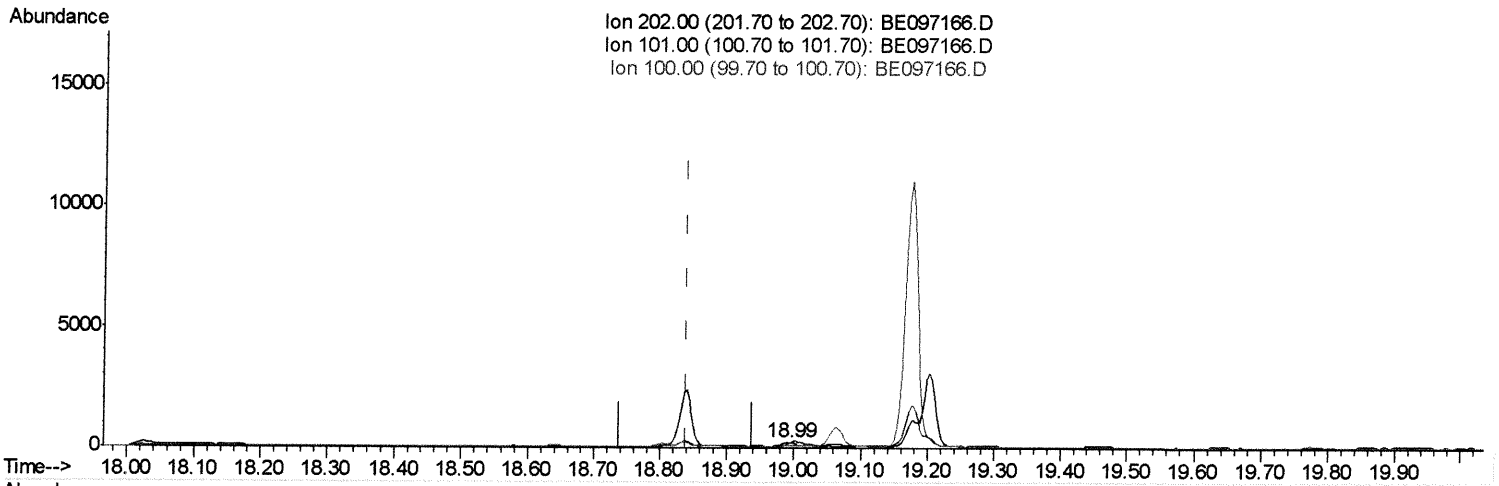
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Manual Integrations
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Sohil
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(15) Fluoranthene (C)

18.993min (+0.154) 0.01ng/ul

response 211

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	87.98#
100.00	19.50	42.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

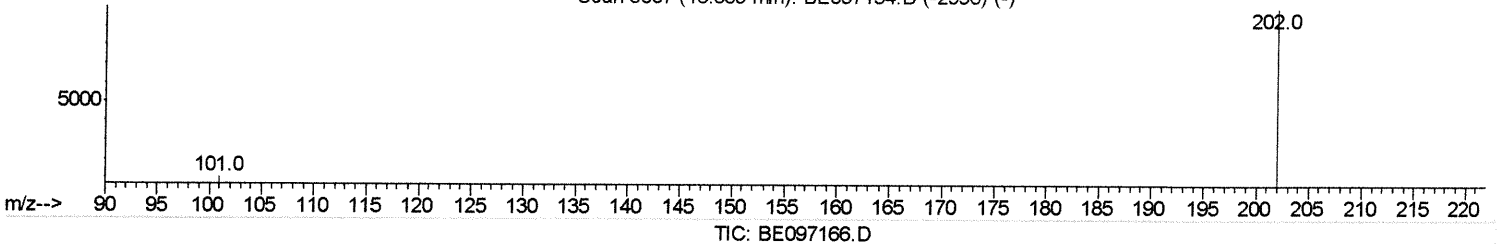
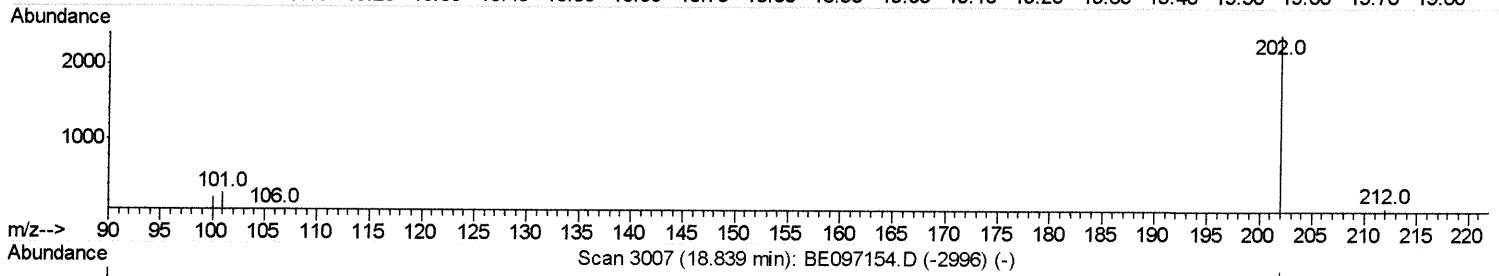
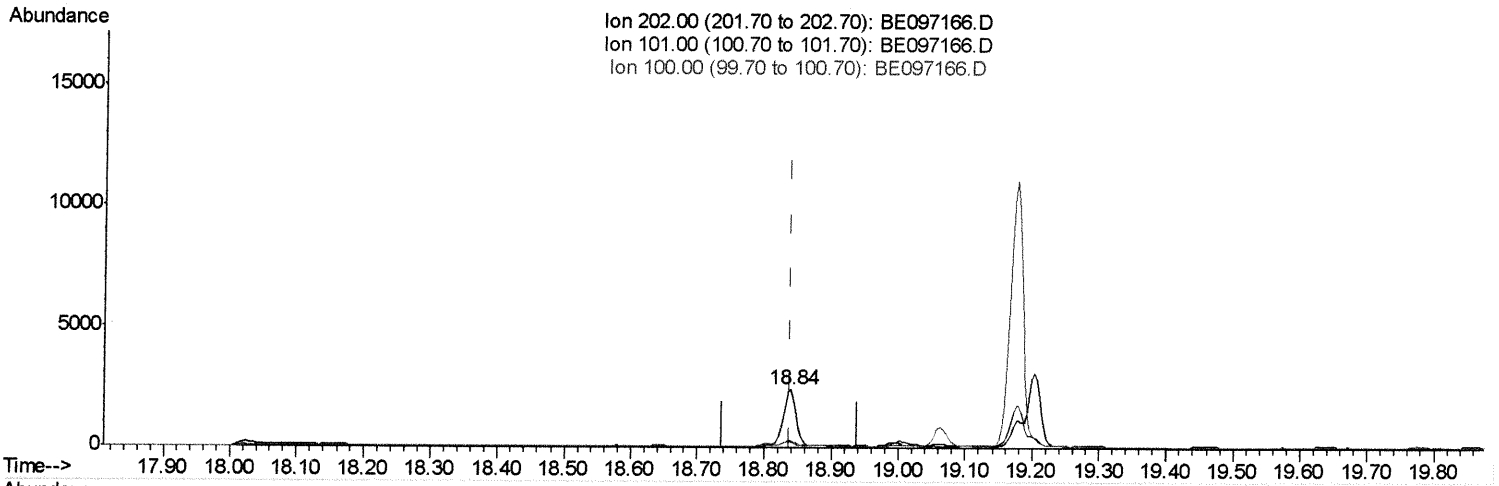
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Manual Integrations
 APPROVED

Sohil
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(15) Fluoranthene (C)

18.839min (+0.001) 0.08ng/ul m > SJ 8/9/18

response 2979

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	12.57
100.00	19.50	9.96
0.00	0.00	0.00

Quantitation Report (Qedit)

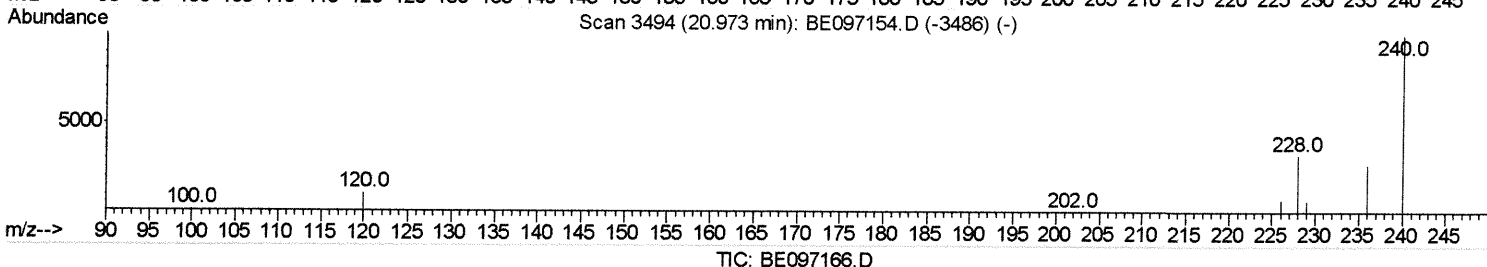
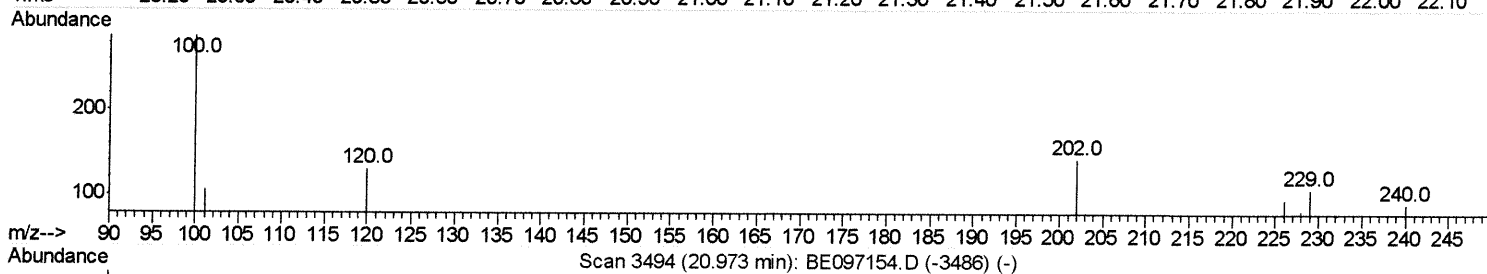
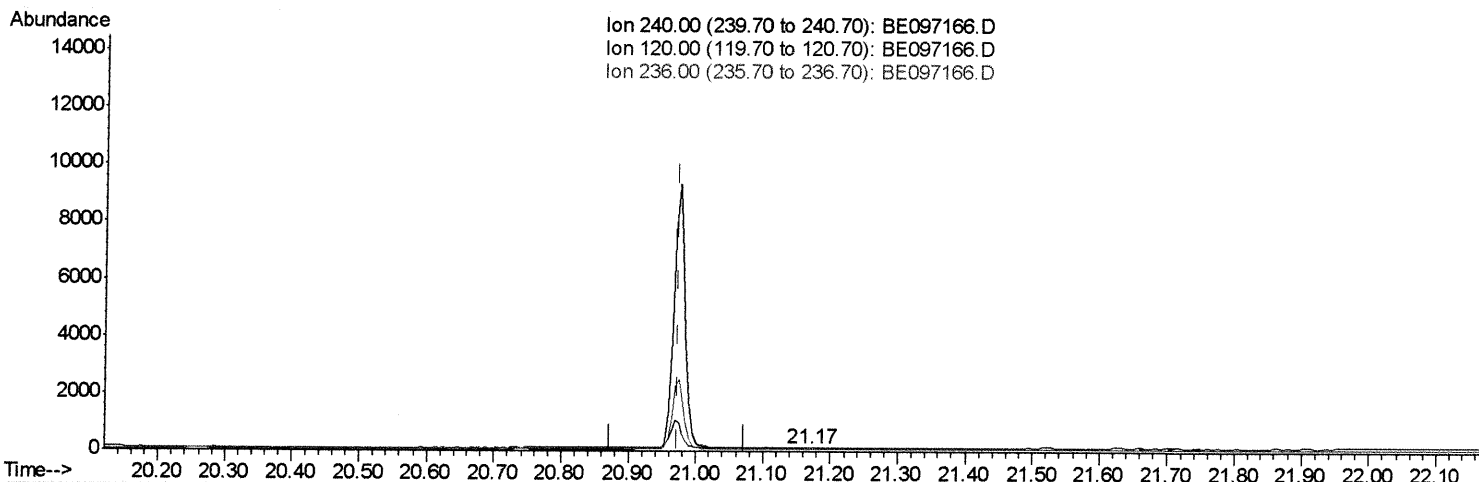
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Manual Integrations
 APPROVED

Sohil
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(16) Chrysene-d12 (I)

21.170min (+0.197) 0.40ng/ul

response 17

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	144.44#
236.00	34.90	86.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

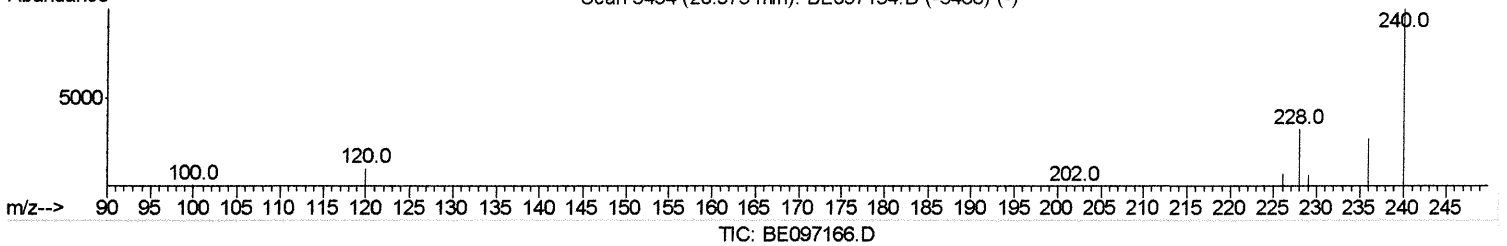
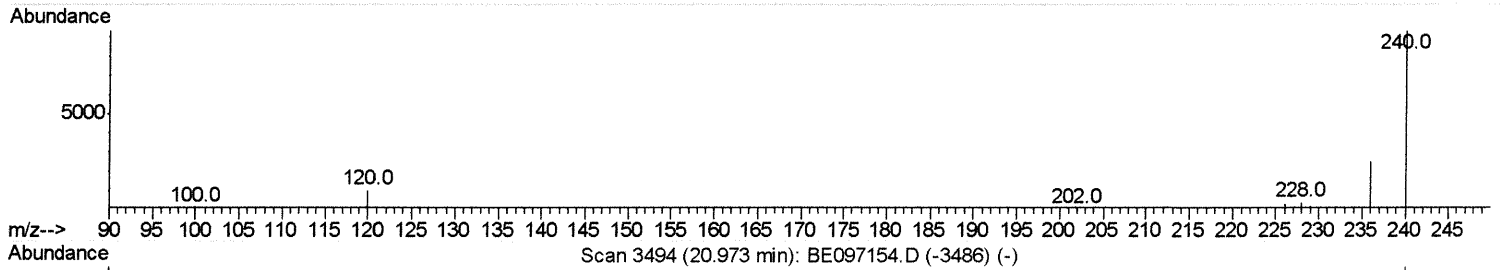
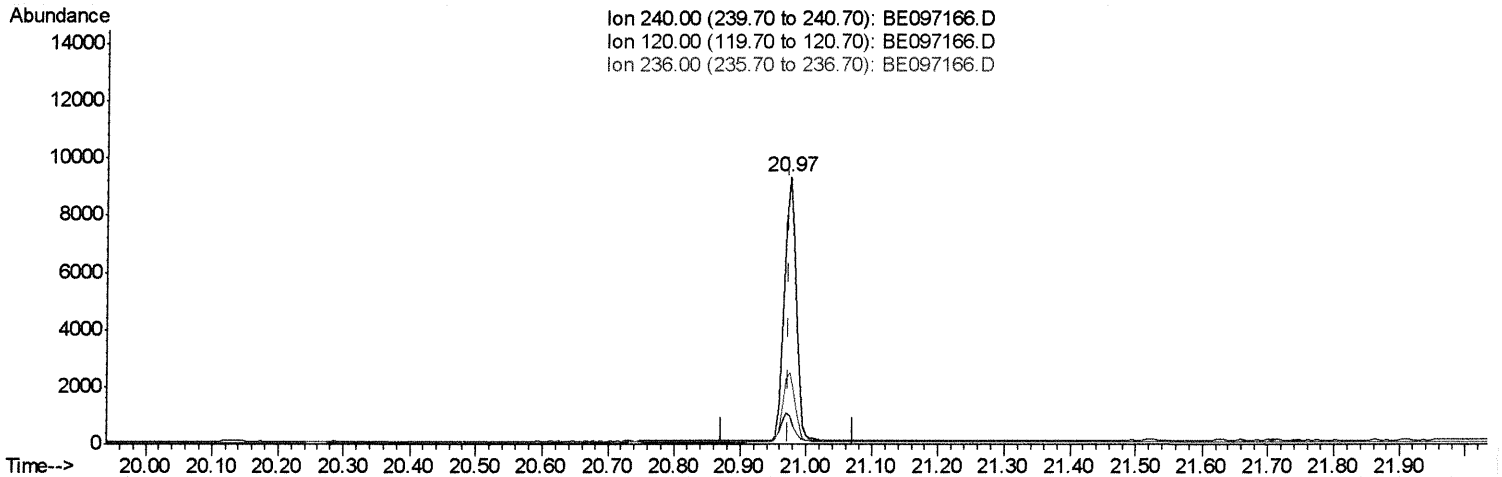
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Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:17 PM

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(16) Chrysene-d12 (I)

20.974min (+0.001) 0.40ng/ul m > SJ 8/9/18

response 11592

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	10.56#
236.00	34.90	26.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

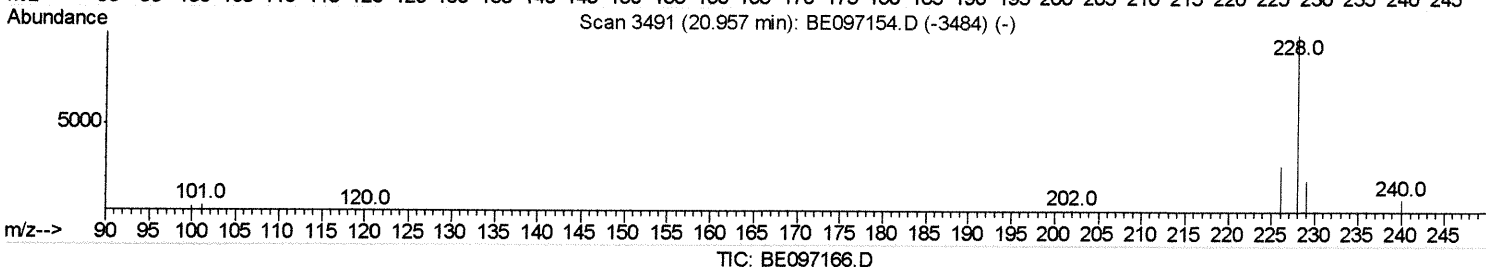
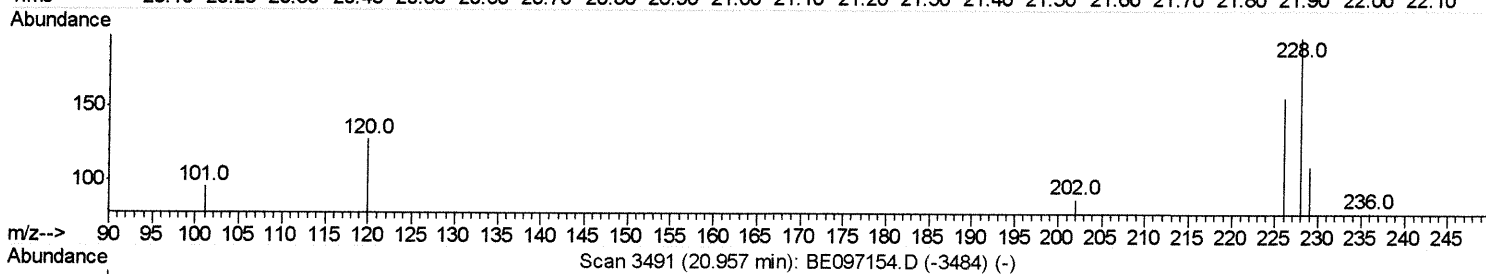
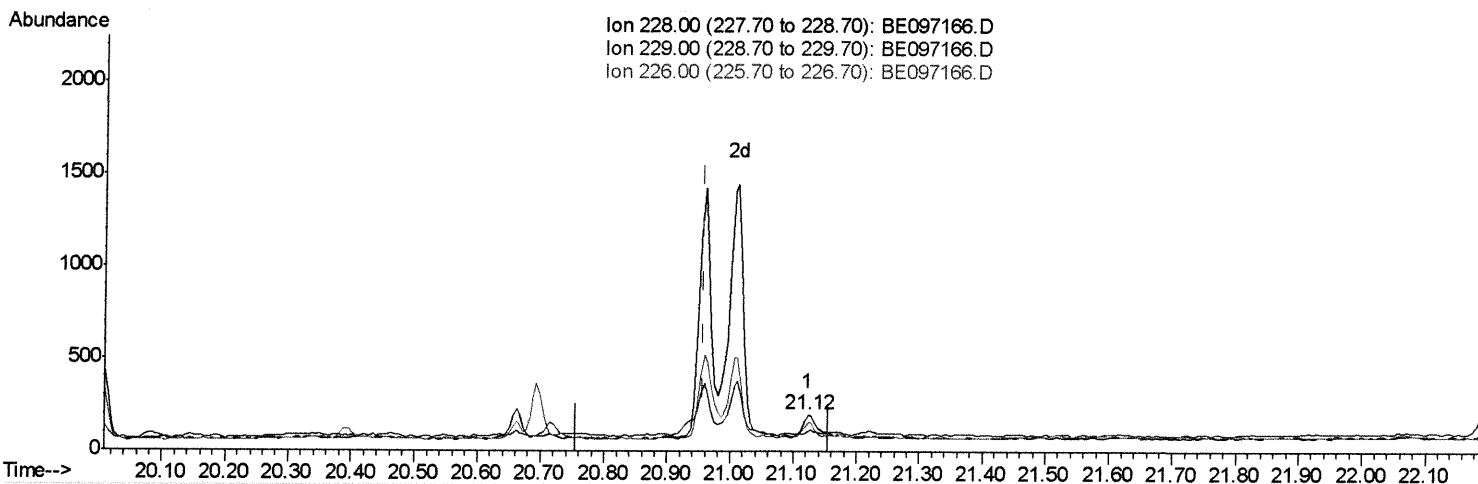
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Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:17 PM

Quant Time: Aug 03 07:41:59 2018
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(18) Benzo(a)anthracene

21.122min (+0.165) 0.01ng/ui

response 205

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	55.56#
226.00	21.30	79.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

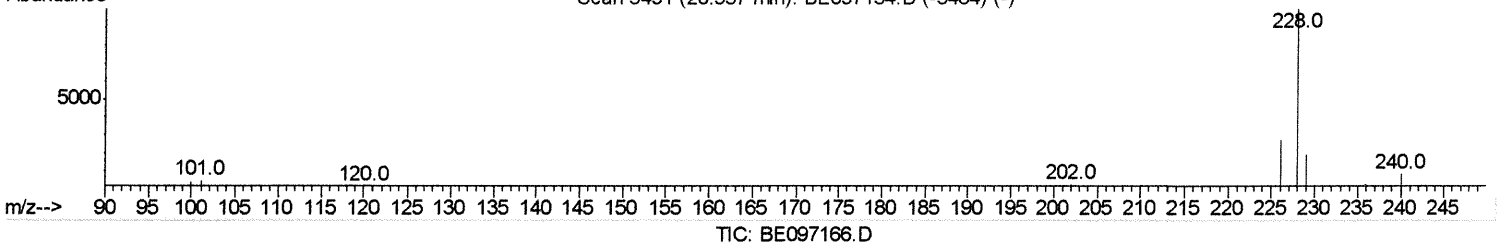
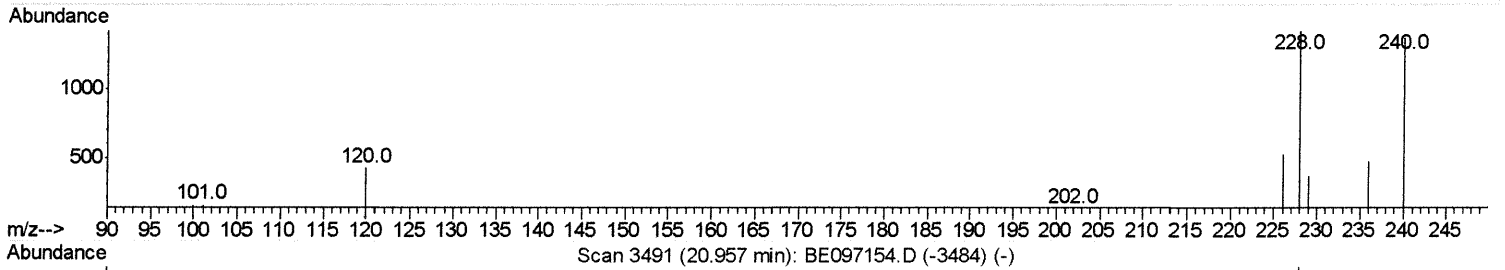
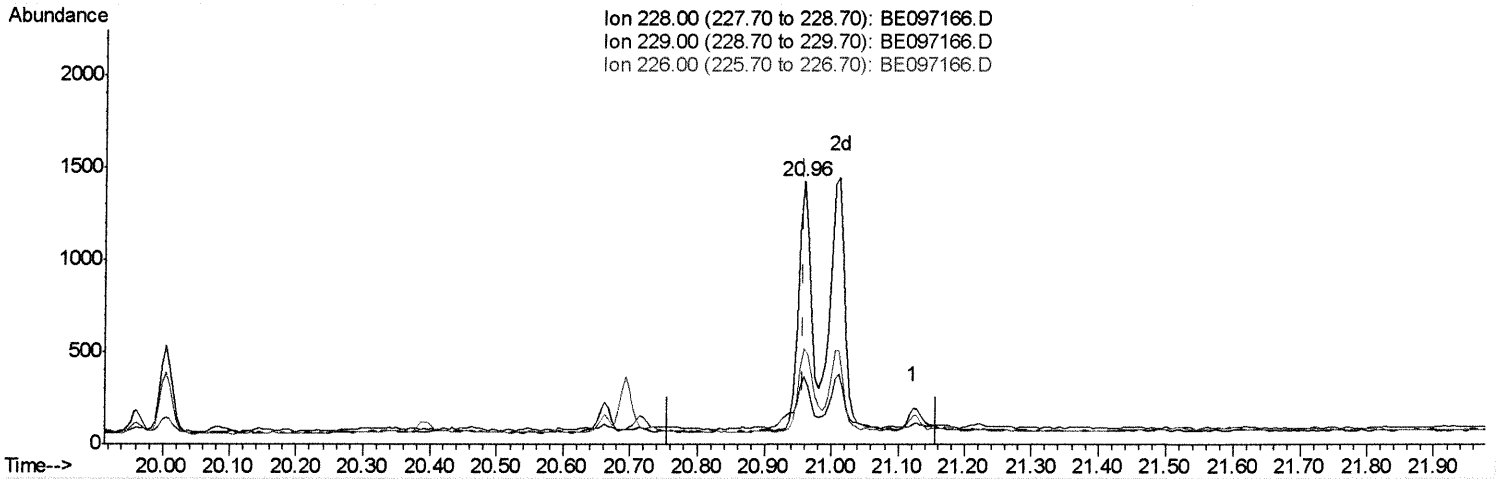
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(18) Benzo(a)anthracene

20.958min (+0.001) 0.05ng/ul m> SJ 8/9/18

response 1739

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	25.79
226.00	21.30	36.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

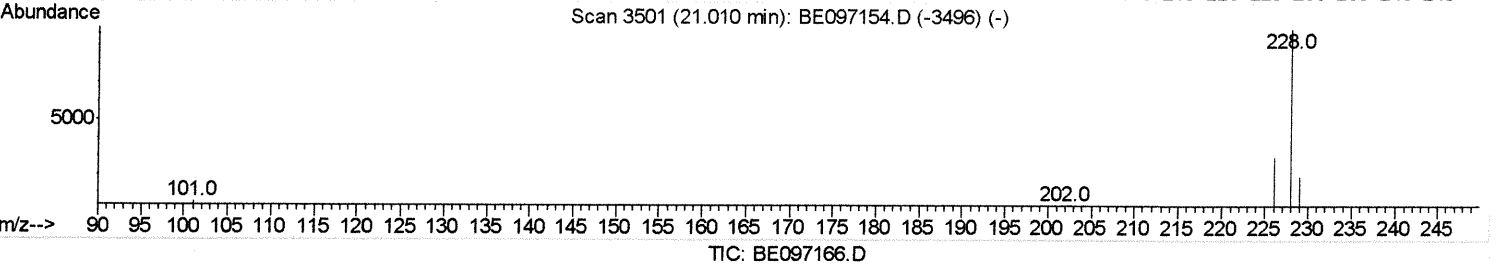
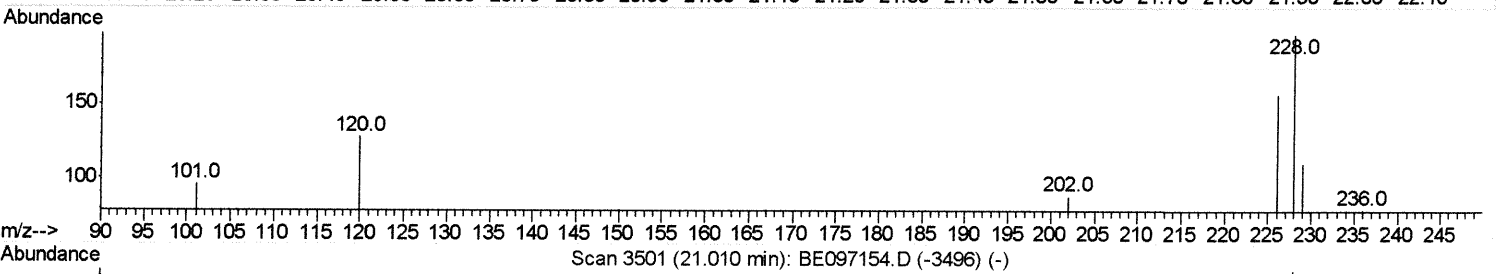
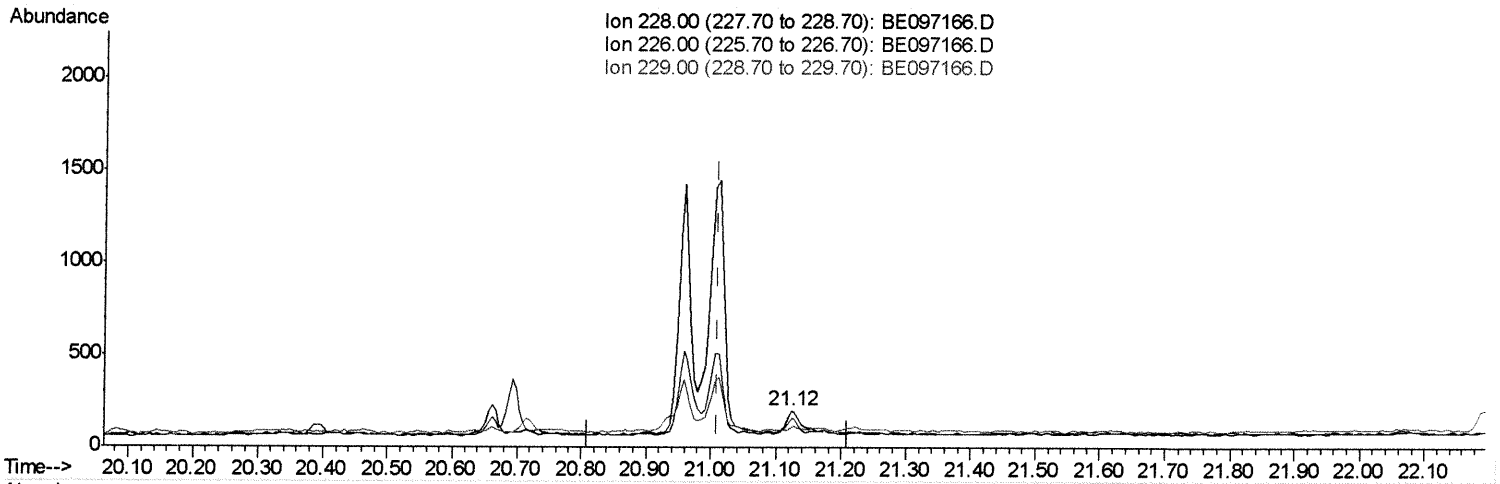
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(19) Chrysene

21.122min (+0.112) 0.01ng/ul

response 205

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	79.29#
229.00	22.10	55.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

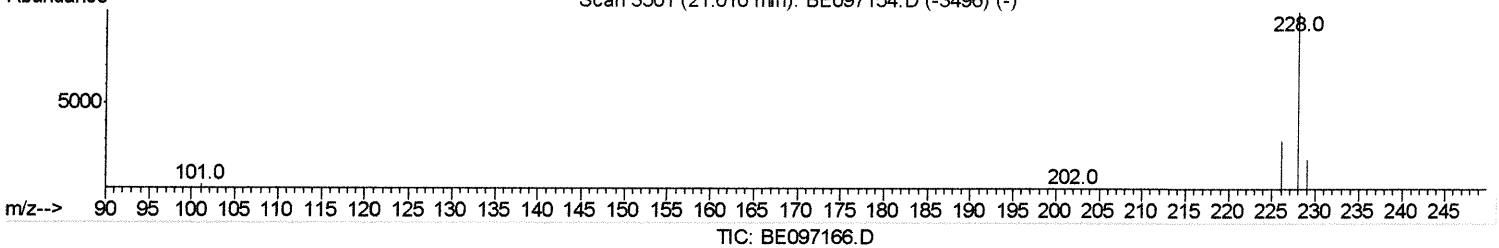
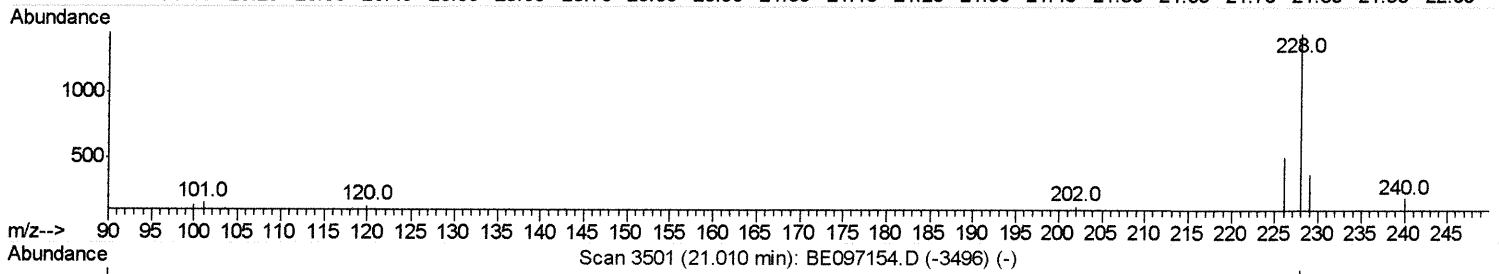
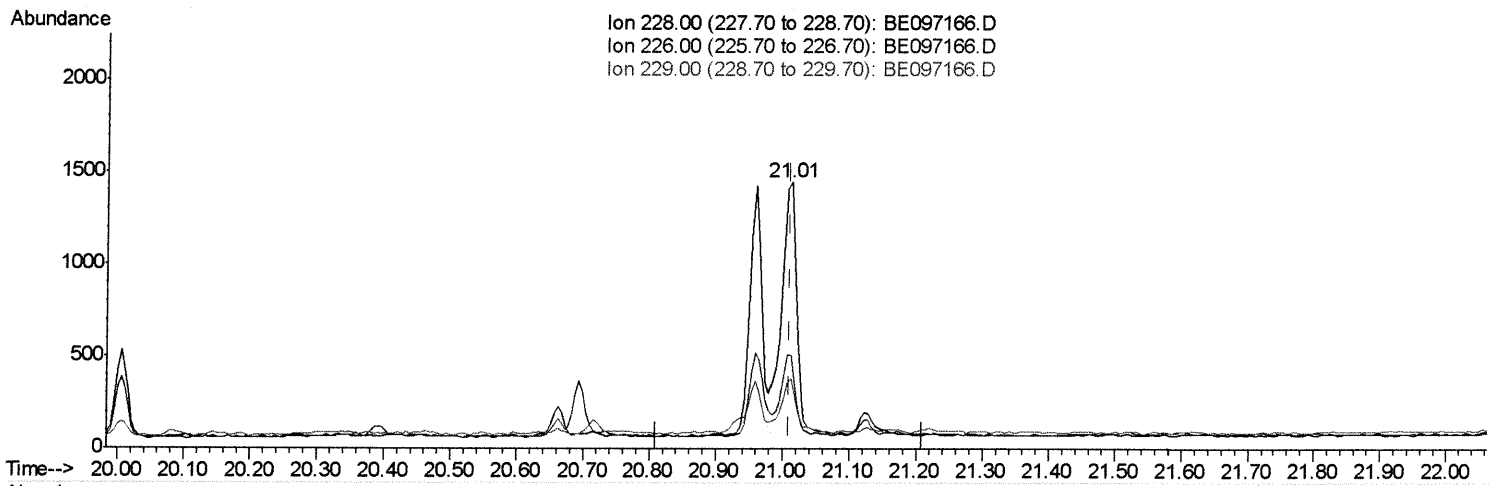
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(19) Chrysene

21.011min (+0.001) 0.06ng/ul m > SJ 8/9/18

response 2096

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	35.04
229.00	22.10	26.47
0.00	0.00	0.00

Quantitation Report (Qedit)

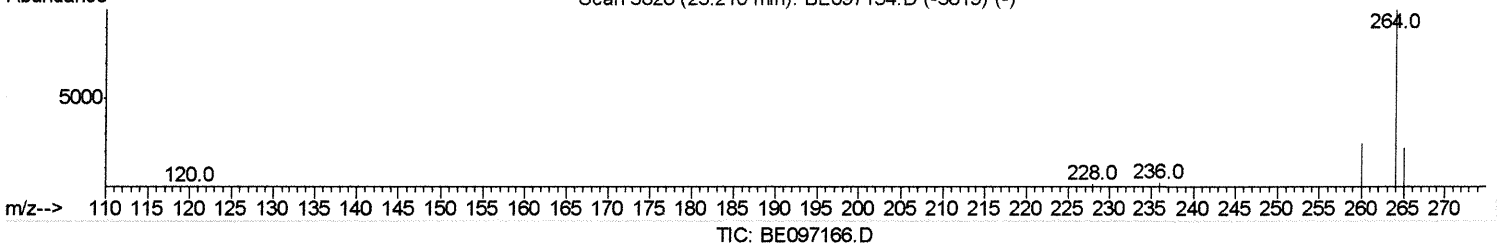
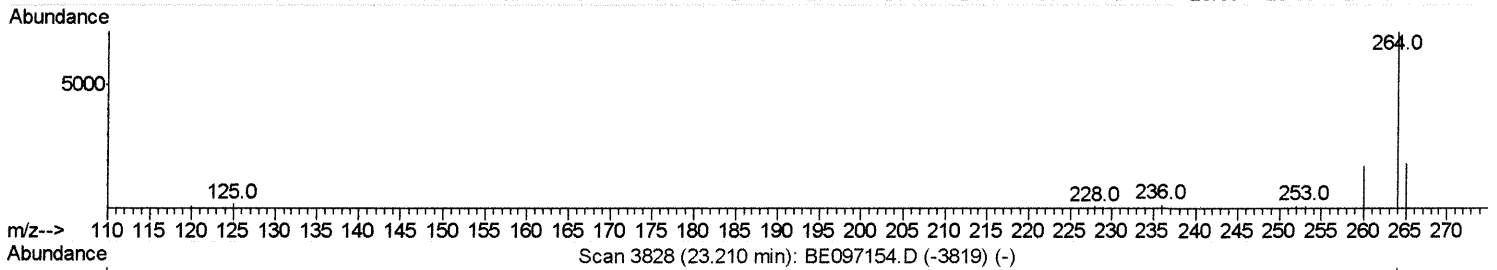
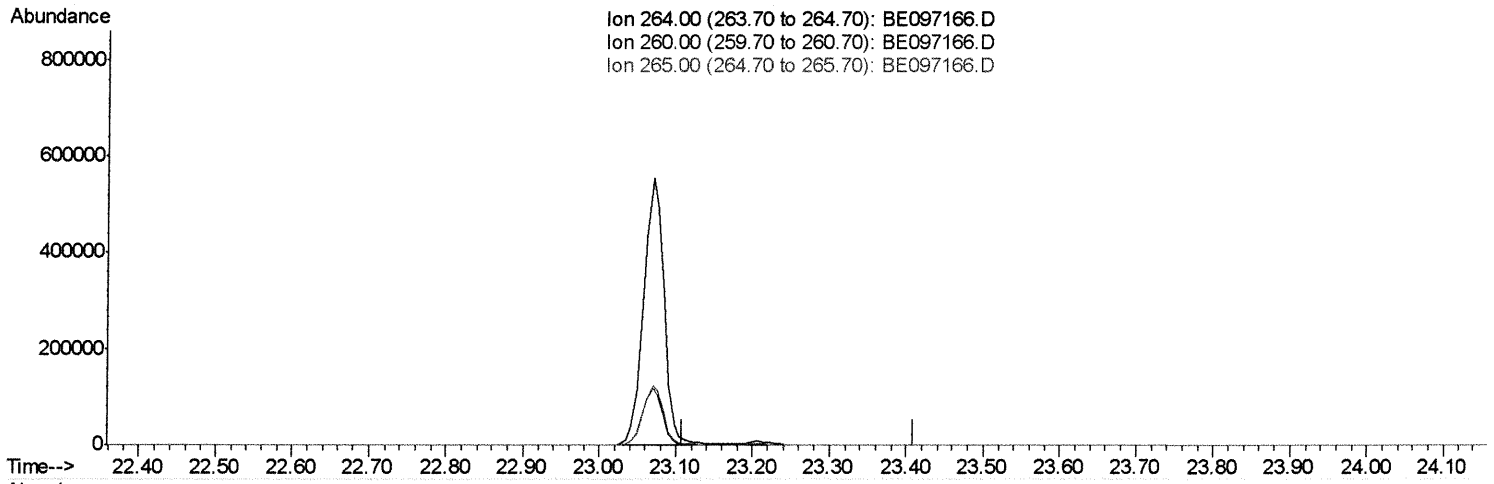
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097166.D
 Acq On : 3 Aug 2018 00:29
 Operator : SJ/JU
 Sample : J4171-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K8

Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:17 PM

Quant Time: Aug 03 07:41:59 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)
 23.210min (-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)

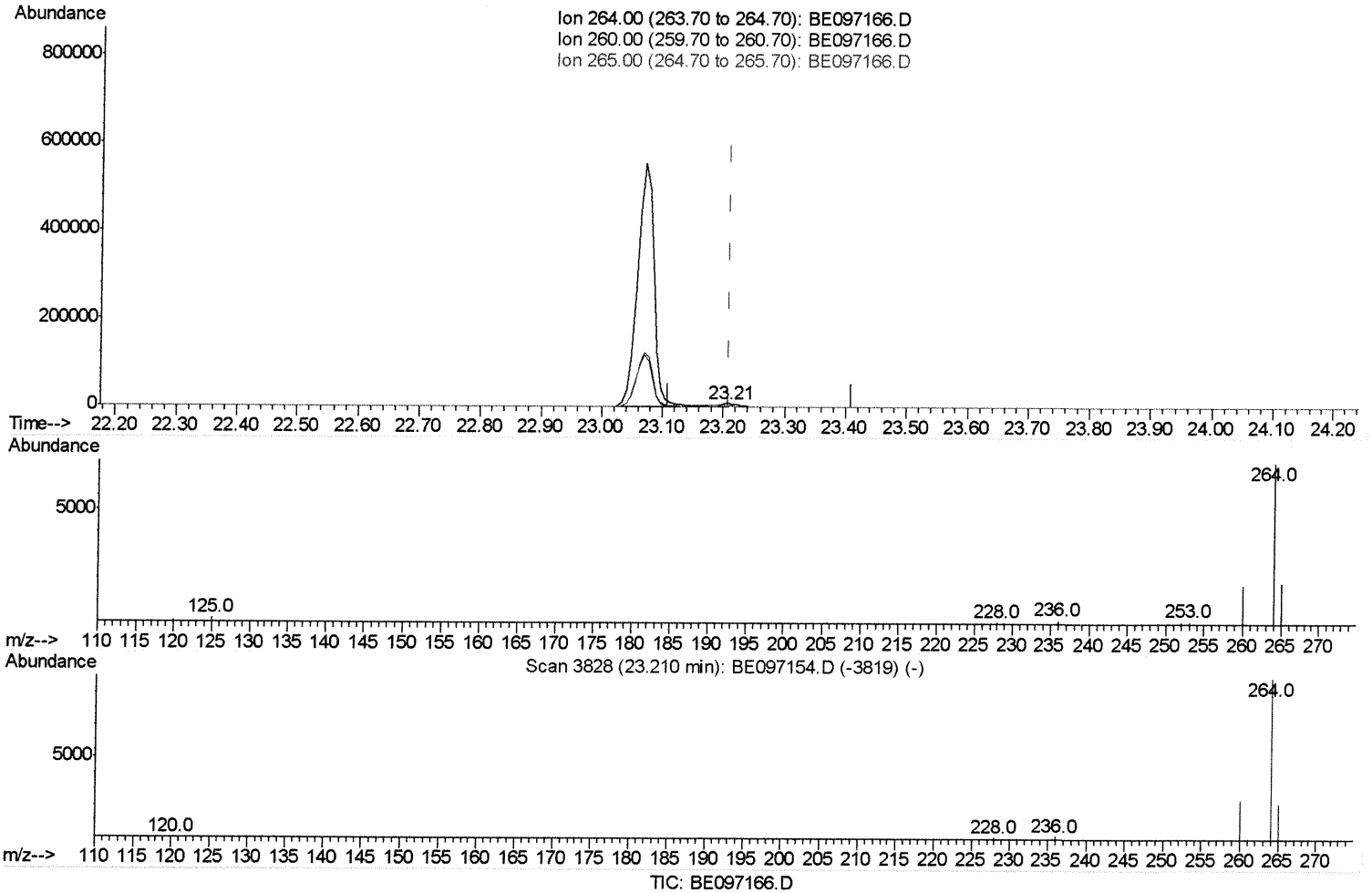
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097166.D
 Acq On : 3 Aug 2018 00:29
 Operator : SJ/JU
 Sample : J4171-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K8

Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:17 PM

Quant Time: Aug 03 07:41:59 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)

23.209min (-0.000) 0.40ng/ul m > 50 8/9/18

response 10053

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.44
265.00	103.50	26.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

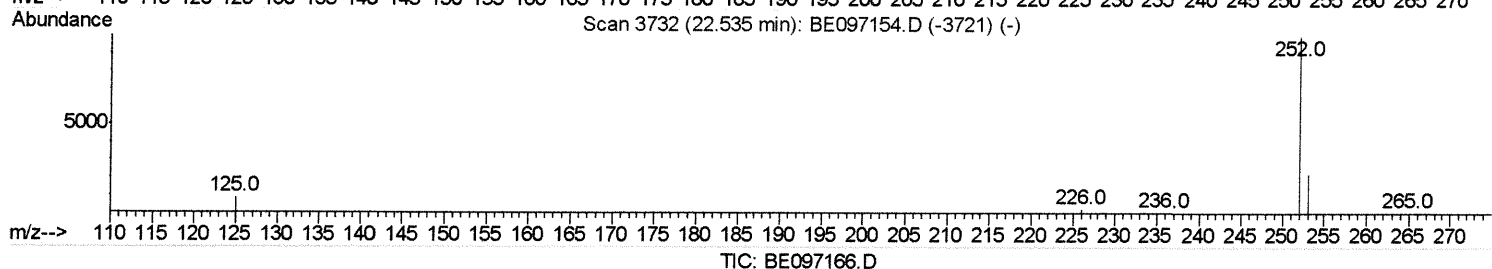
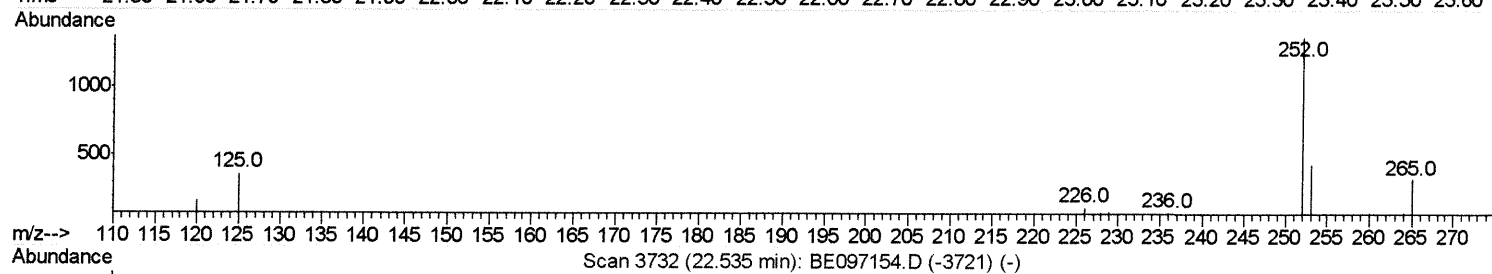
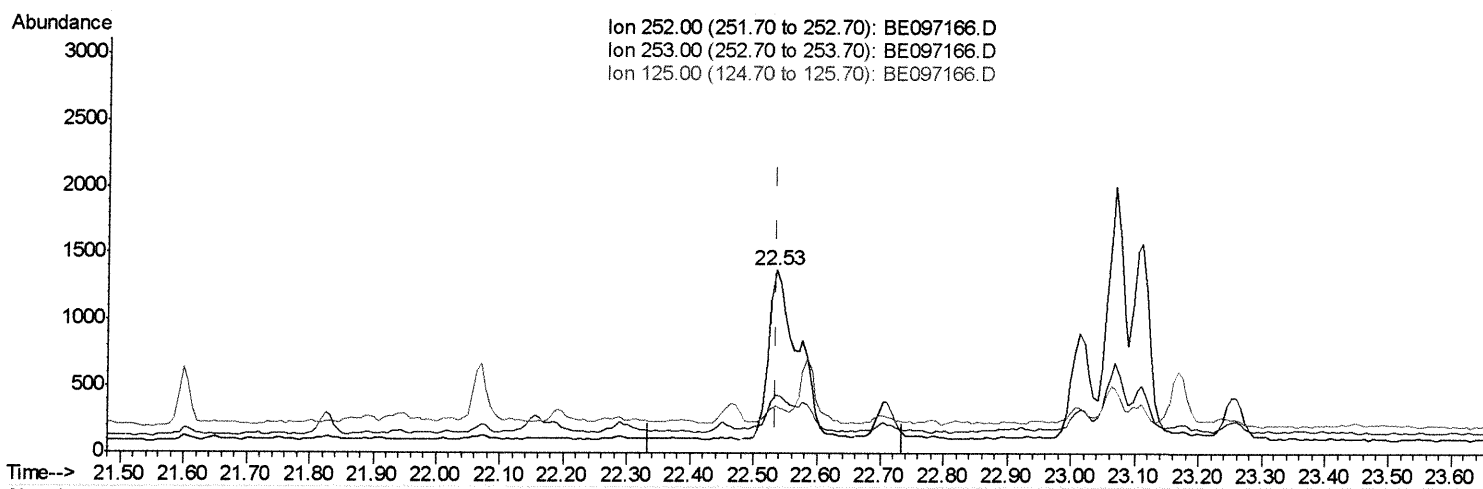
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097166.D
 Acq On : 3 Aug 2018 00:29
 Operator : SJ/JU
 Sample : J4171-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K8

Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:17 PM

Quant Time: Aug 03 07:43:58 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
 22.534min (-0.000) 0.15ng/ul
 response 4104

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	32.22
125.00	17.50	26.24
0.00	0.00	0.00

Quantitation Report (Qedit)

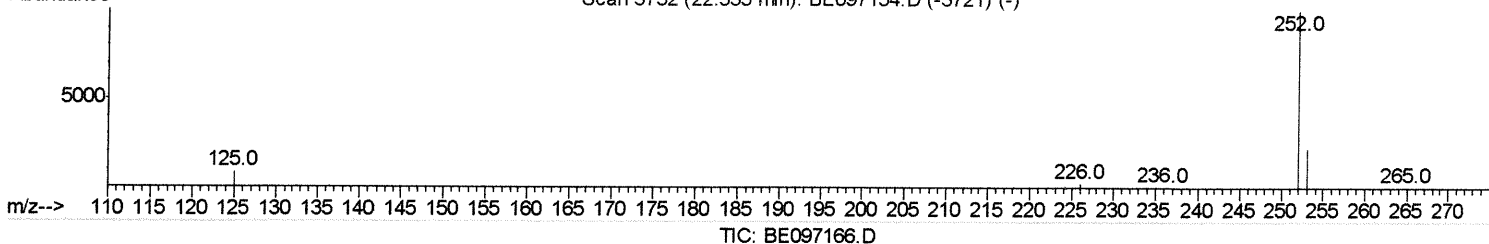
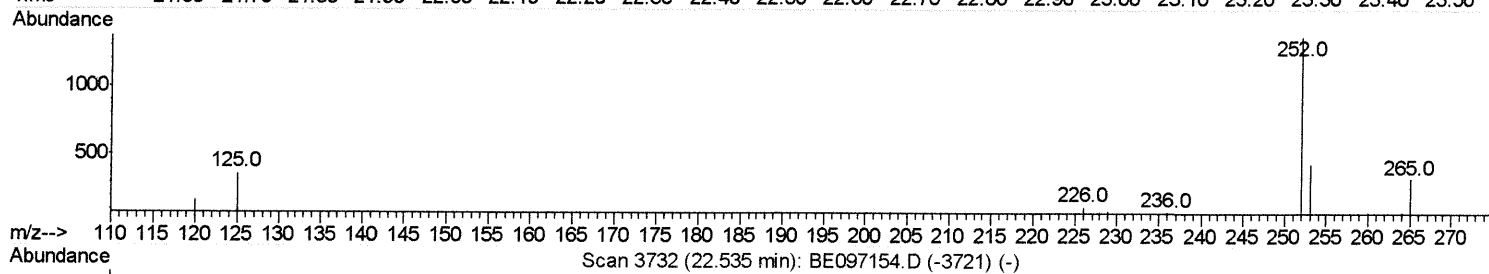
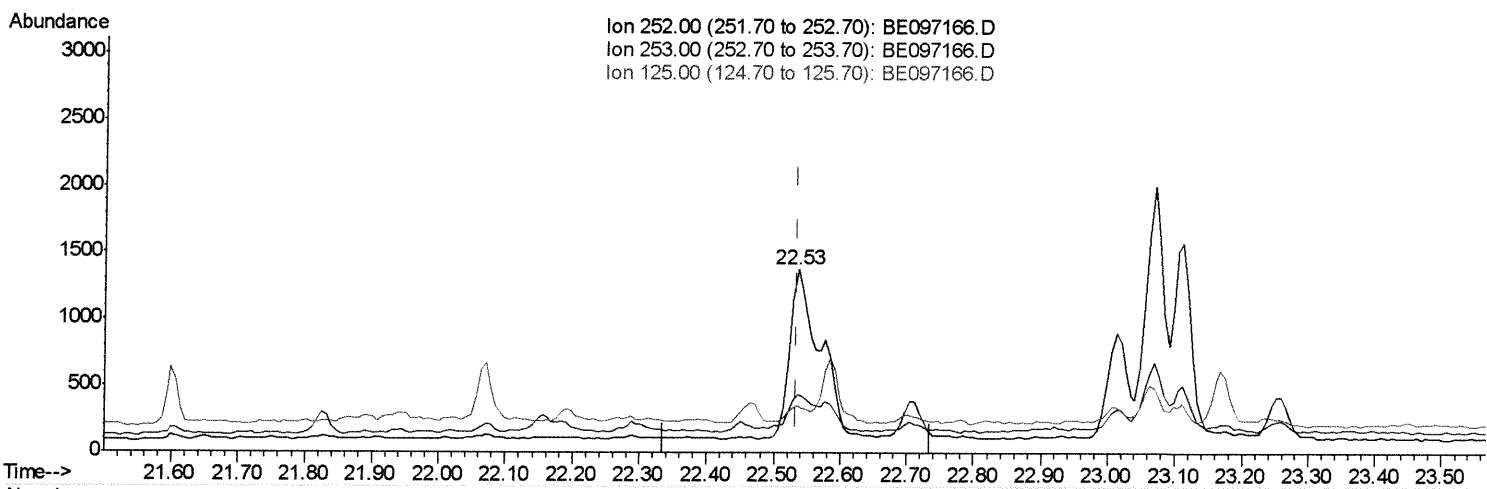
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097166.D
 Acq On : 3 Aug 2018 00:29
 Operator : SJ/JU
 Sample : J4171-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K8

Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:17 PM

Quant Time: Aug 03 07:43:58 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

22.534min (-0.000) 0.12ng/ul m

> SJ 8/9/18

response 3155

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	32.22
125.00	17.50	26.24
0.00	0.00	0.00

Quantitation Report (Qedit)

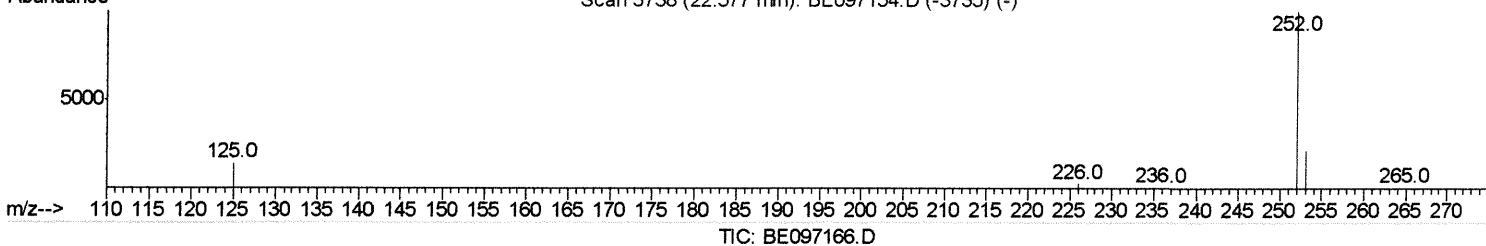
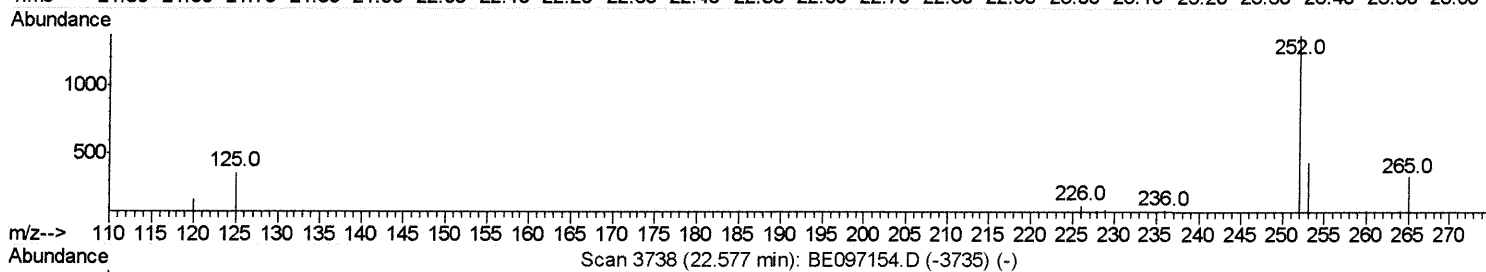
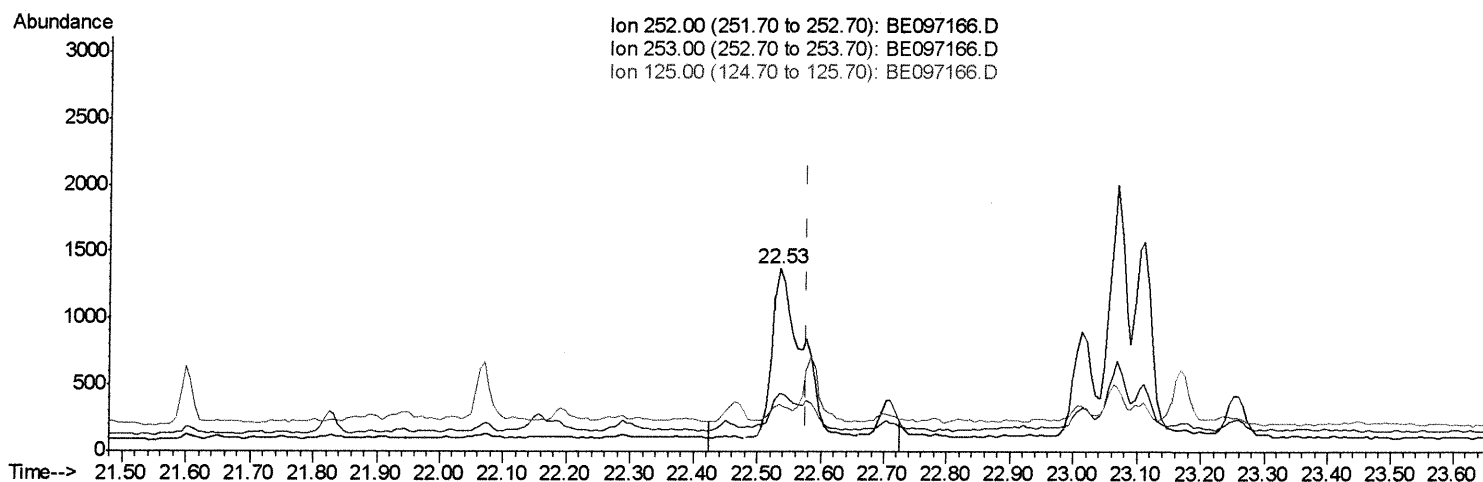
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097166.D
 Acq On : 3 Aug 2018 00:29
 Operator : SJ/JU
 Sample : J4171-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K8

Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:17 PM

Quant Time: Aug 03 07:44:27 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
 22.534min (-0.043) 0.14ng/ui
 response 4104

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	32.22
125.00	17.10	26.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

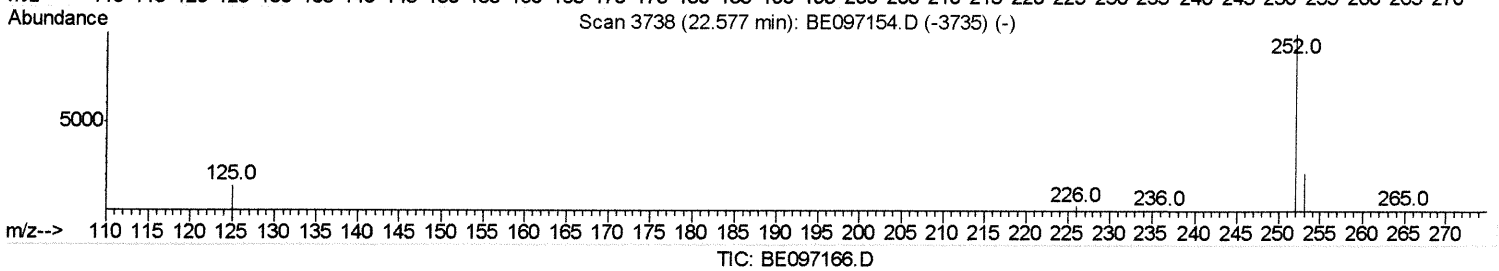
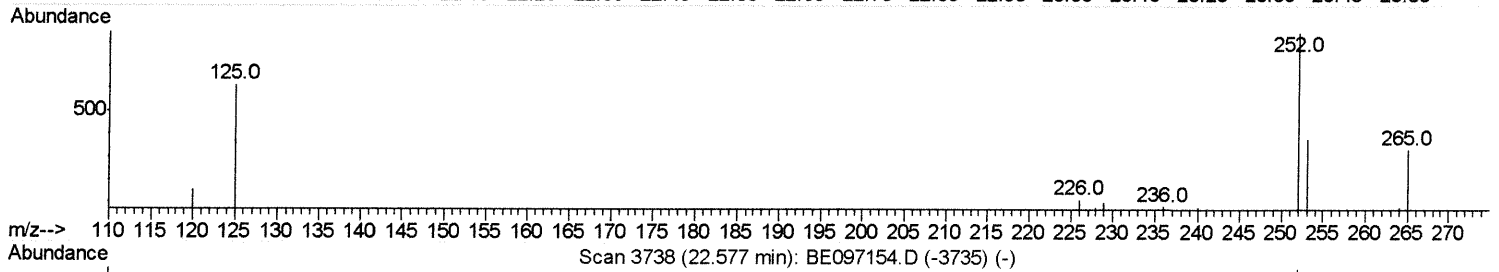
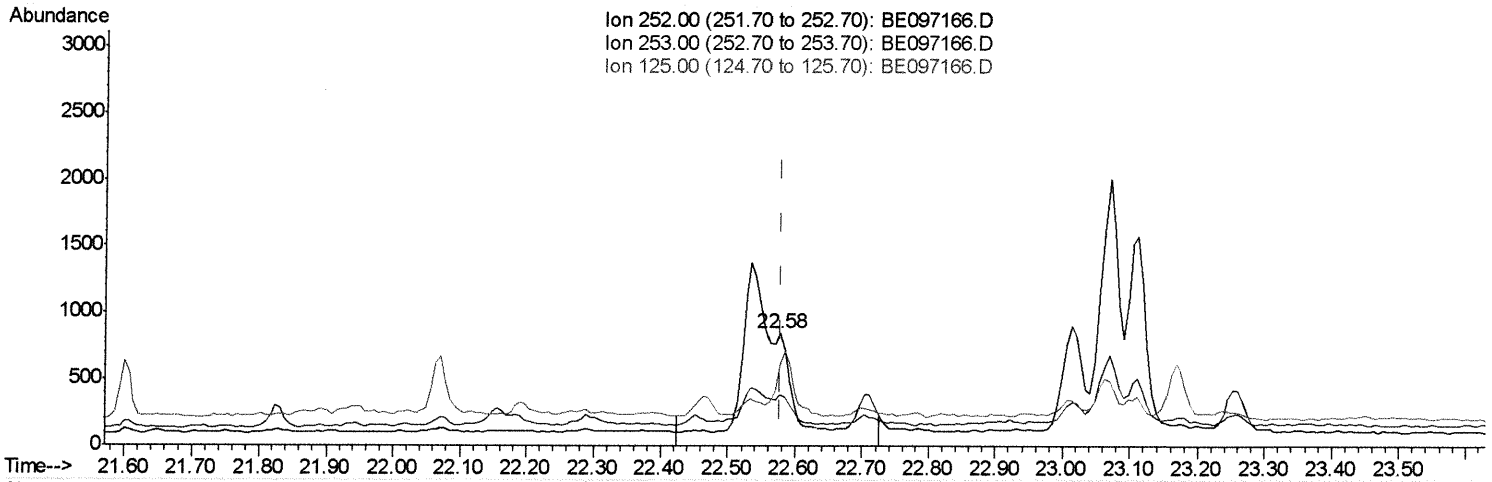
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097166.D
 Acq On : 3 Aug 2018 00:29
 Operator : SJ/JU
 Sample : J4171-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K8

Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:55:17 PM

Quant Time: Aug 03 07:44:27 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

22.576min (-0.000) 0.03ng/ul m

> SJ 8/9/18

response 829

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	44.86#
125.00	17.10	72.37#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
Data File : BE097166.D
Acq On : 3 Aug 2018 00:29
Operator : SJ/JU
Sample : J4171-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1K8

Manual Integrations
APPROVED

Sohil
8/3/2018 5:55:17 PM

Quant Time: Aug 03 07:45:50 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	1329	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6727	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4344	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	10829m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11592m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10053m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.73	152	3665	0.34	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	11394m	0.31	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) Phenanthrene	16.81	178	1439m	0.052	ng/ul	
15) Fluoranthene	18.84	202	2979m	0.082	ng/ul	
17) Pyrene	19.20	202	3650	0.118	ng/ul#	86
18) Benzo(a)anthracene	20.96	228	1739m	0.052	ng/ul	
19) Chrysene	21.01	228	2096m	0.061	ng/ul	
21) Benzo(b)fluoranthene	22.53	252	3155m	0.115	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	829m	0.028	ng/ul	
23) Benzo(a)pyrene	23.11	252	2523	0.092	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.49	276	1898	0.055	ng/ul#	74
26) Benzo(g,h,i)perylene	26.19	276	2105	0.071	ng/ul	93

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