

Quantitation Report (QT Reviewed)

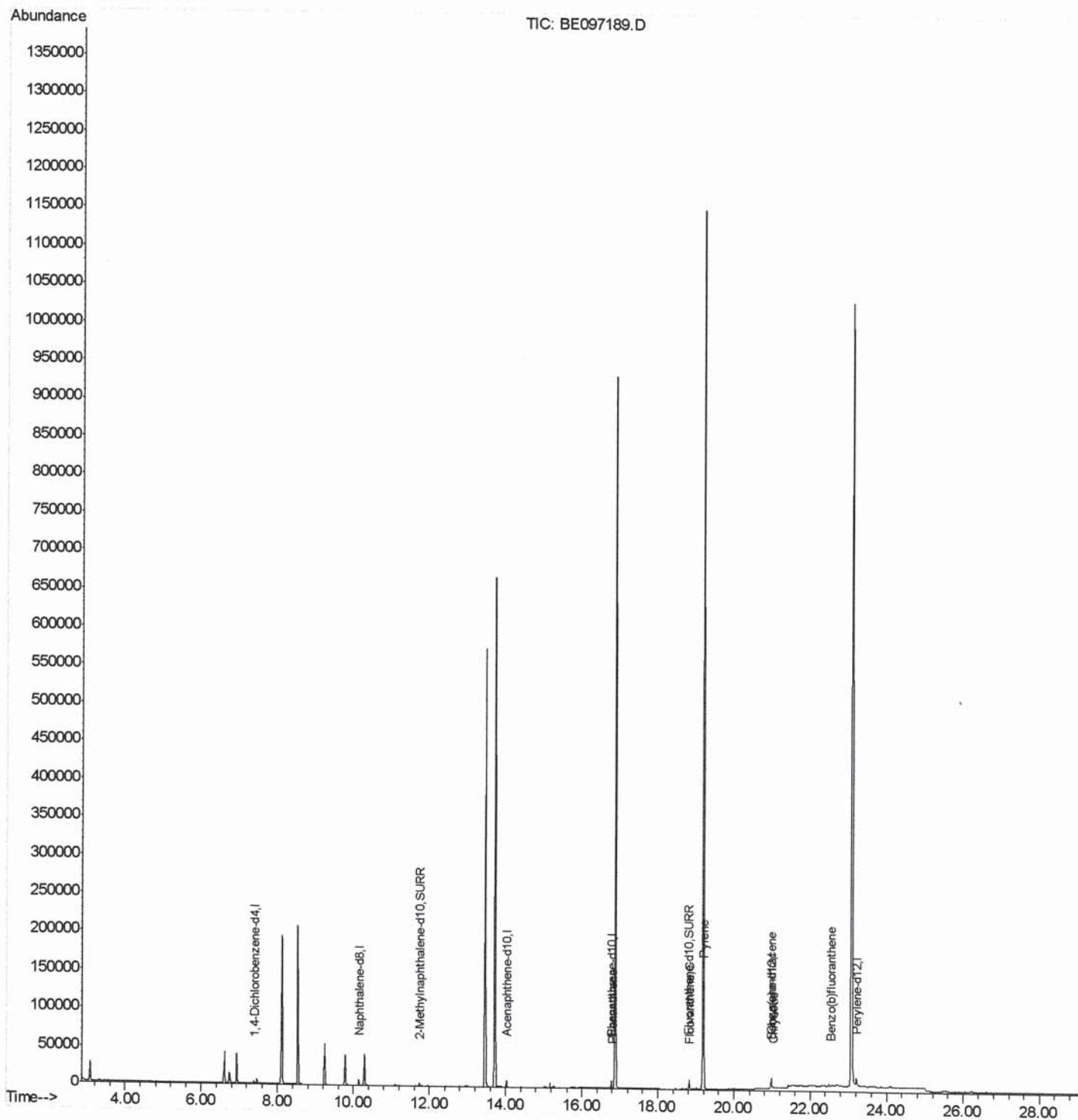
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097189.D
 Acq On : 3 Aug 2018 21:08
 Operator : SJ/JU
 Sample : J4171-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J1

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:33 PM

Quant Time: Aug 04 00:24:56 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 23:39:09 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

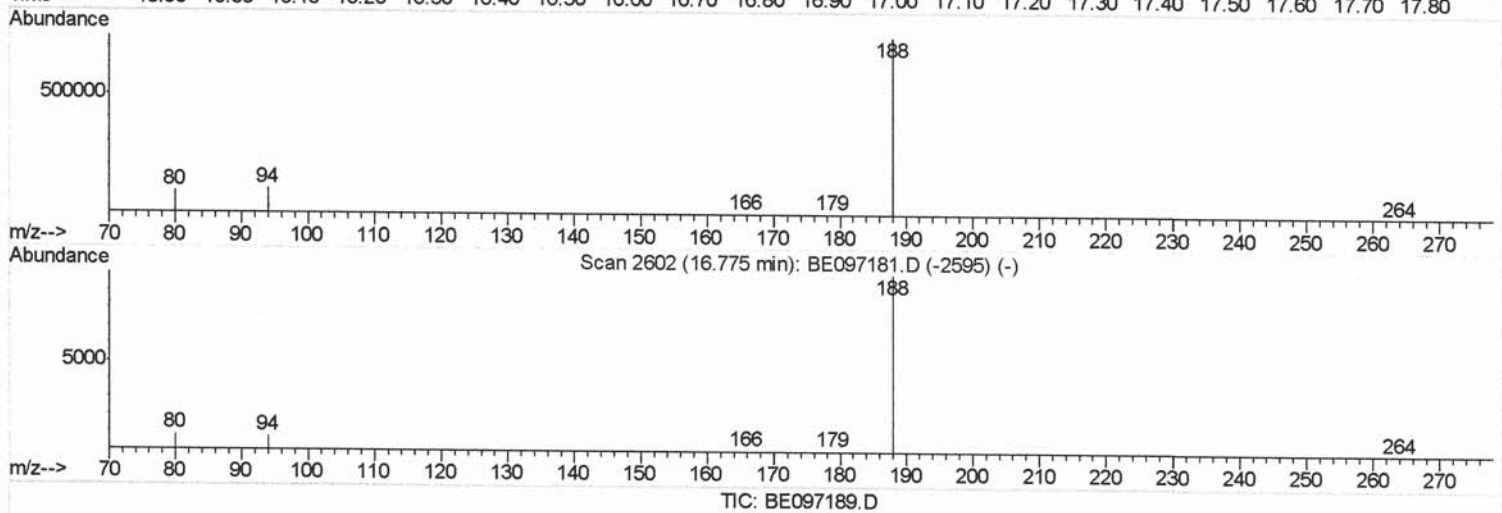
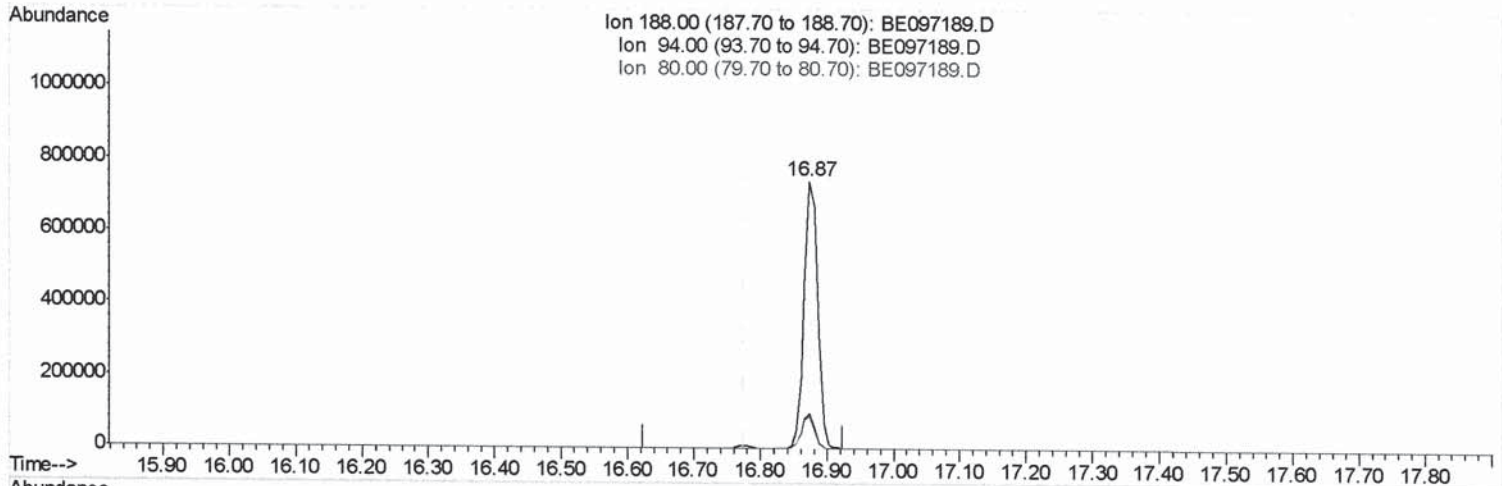
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
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 Acq On : 3 Aug 2018 21:08
 Operator : SJ/JU
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Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:33 PM

Quant Time: Aug 03 23:40:54 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 23:39:09 2018
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(10) Phenanthrene-d10 (I)

16.874min (+0.099) 0.40ng/ul

response 1061817

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.40#
80.00	11.80	12.29
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (Qedit)

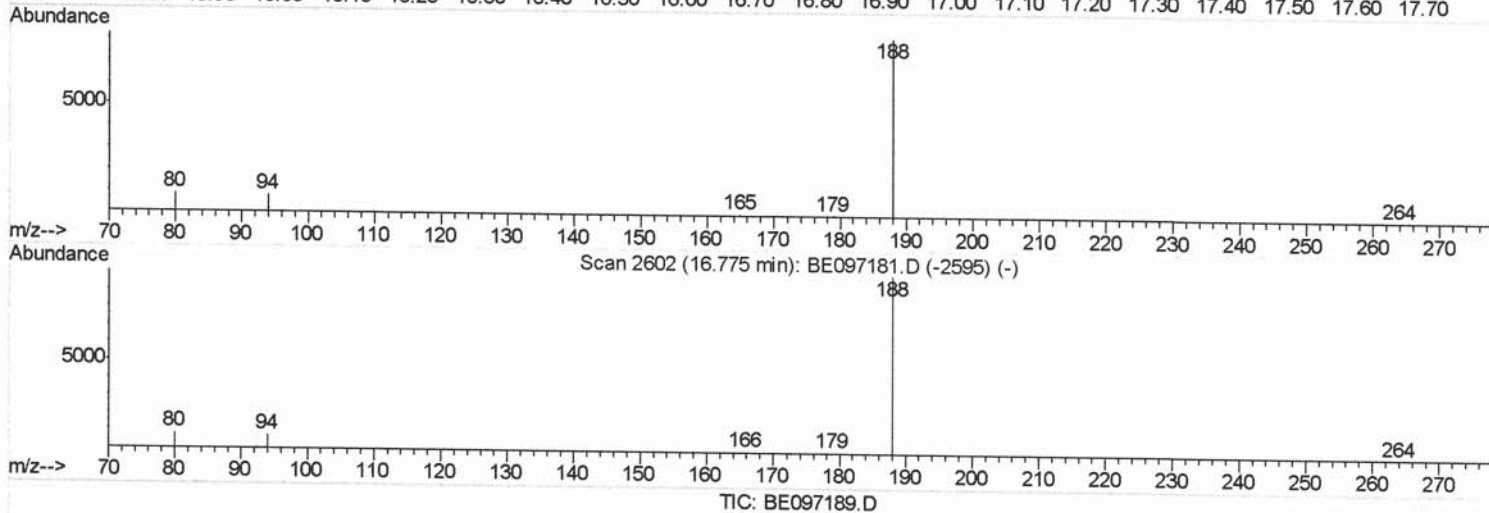
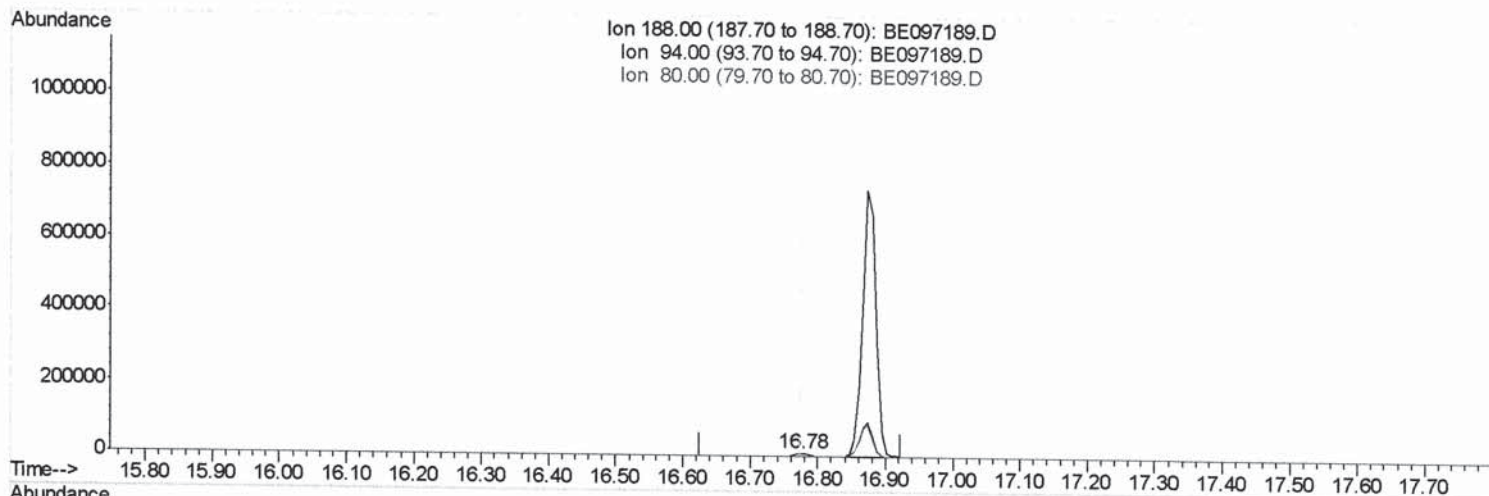
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Operator : SJ/JU
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(10) Phenanthrene-d10 (I)

16.775min (+0.000) 0.40ng/ul m

SJ 8/7/18

response 11607

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.92
80.00	11.80	10.80
0.00	0.00	0.00

Quantitation Report (Qedit)

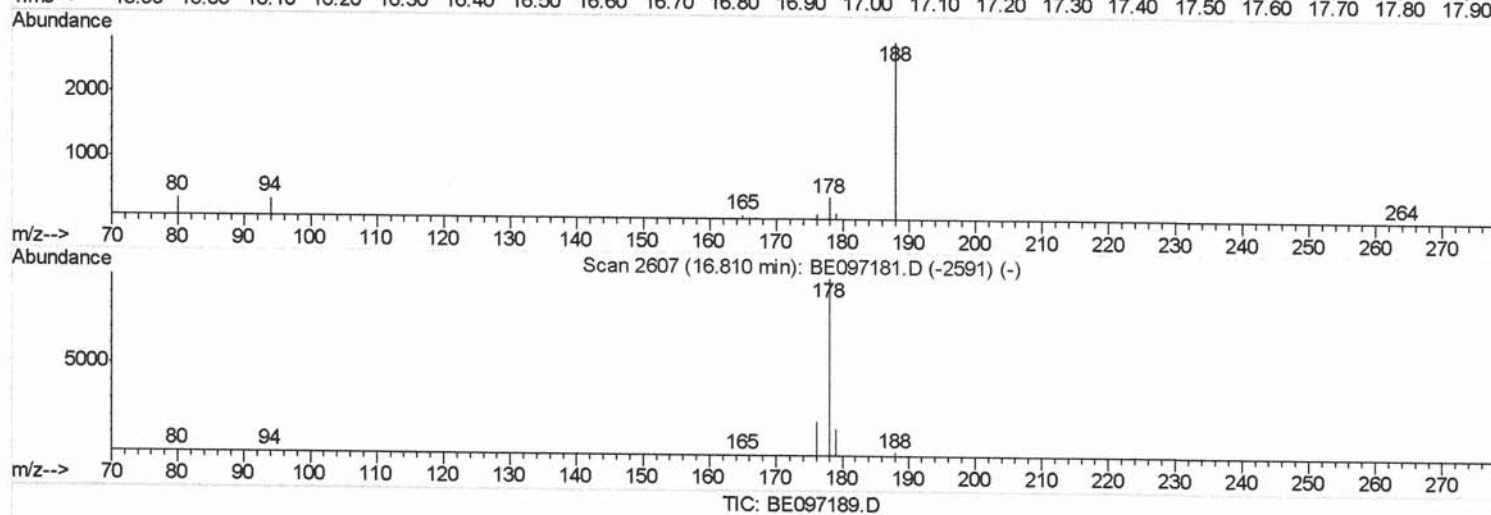
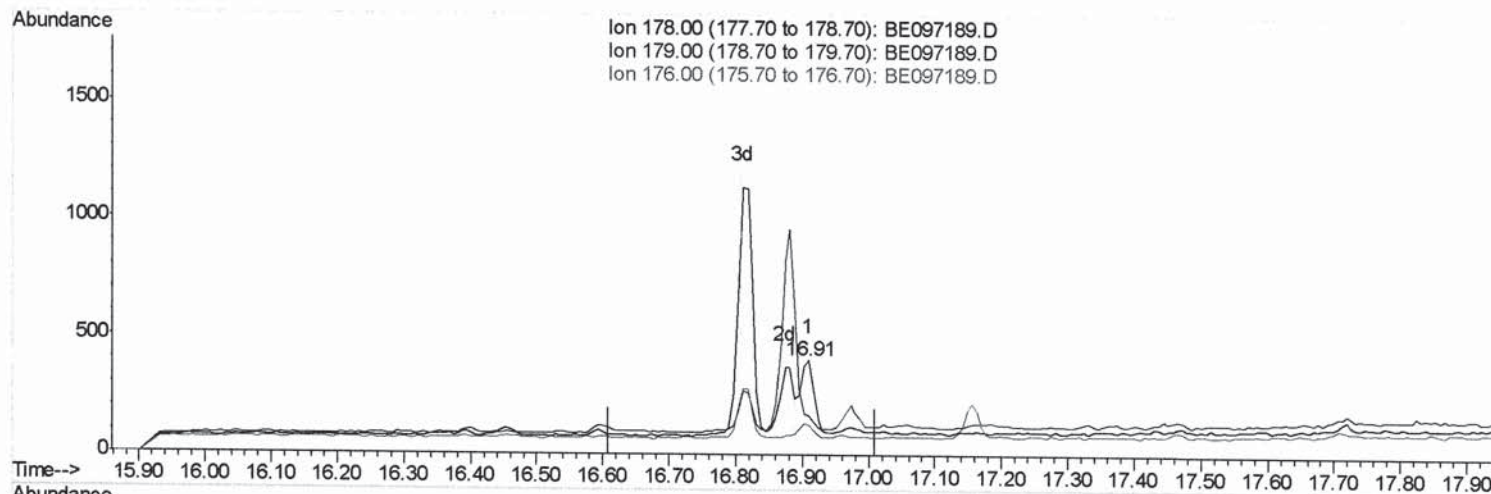
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Quant Time: Aug 04 00:20:59 2018
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(12) Phenanthrene

16.909min (+0.099) 0.01ng/ul

response 425

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	40.65#
176.00	17.00	31.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

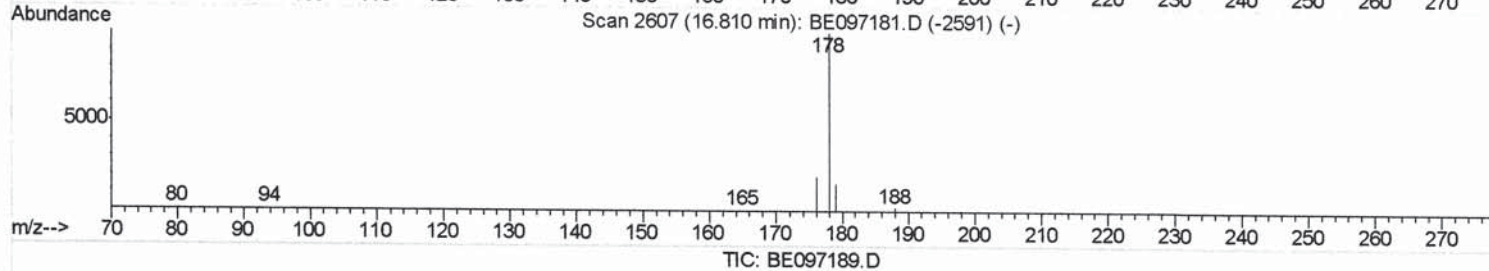
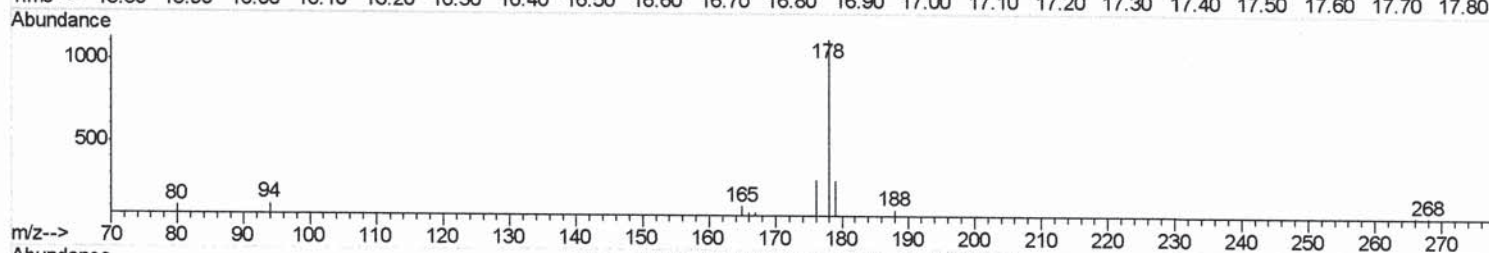
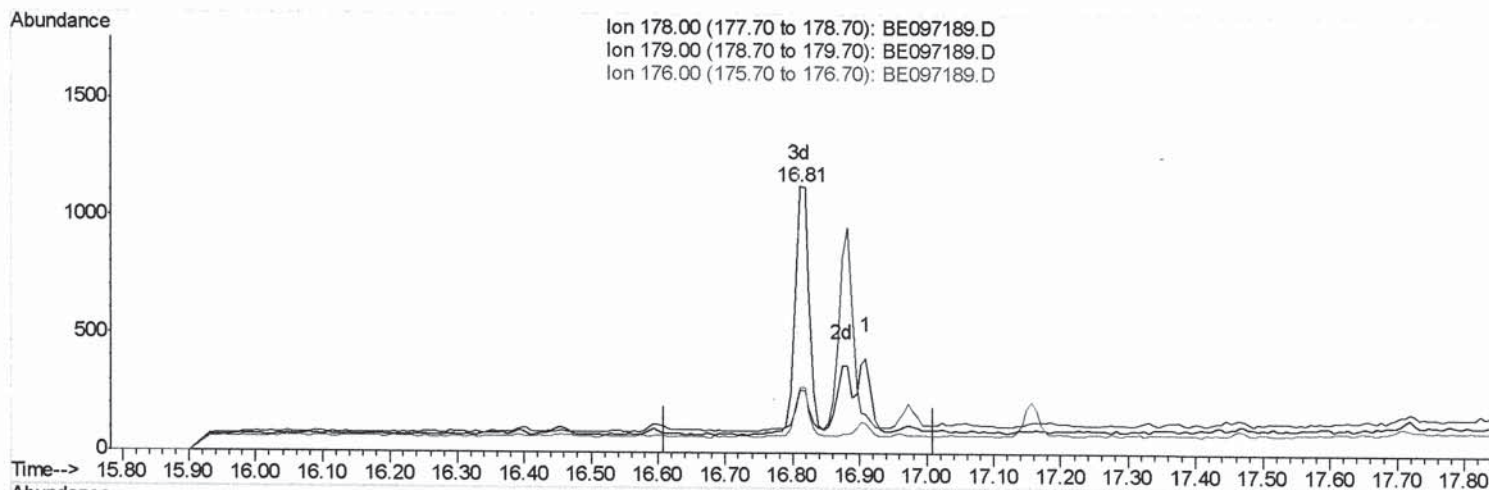
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(12) Phenanthrene

16.811min (+0.000) 0.05ng/ul m

response 1537

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	23.67
176.00	17.00	24.56#
0.00	0.00	0.00

37 8/7/18

Quantitation Report (Qedit)

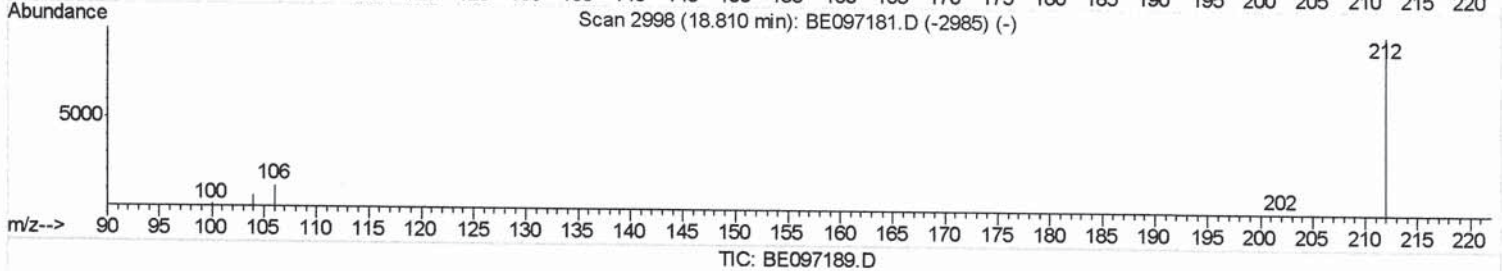
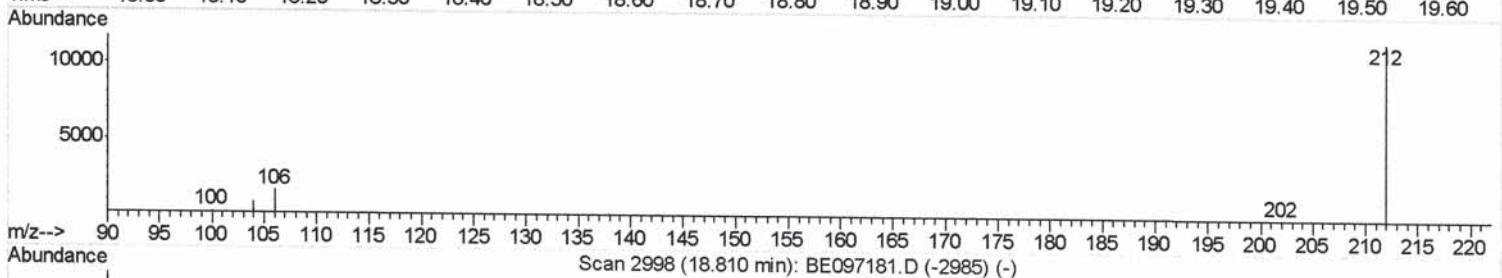
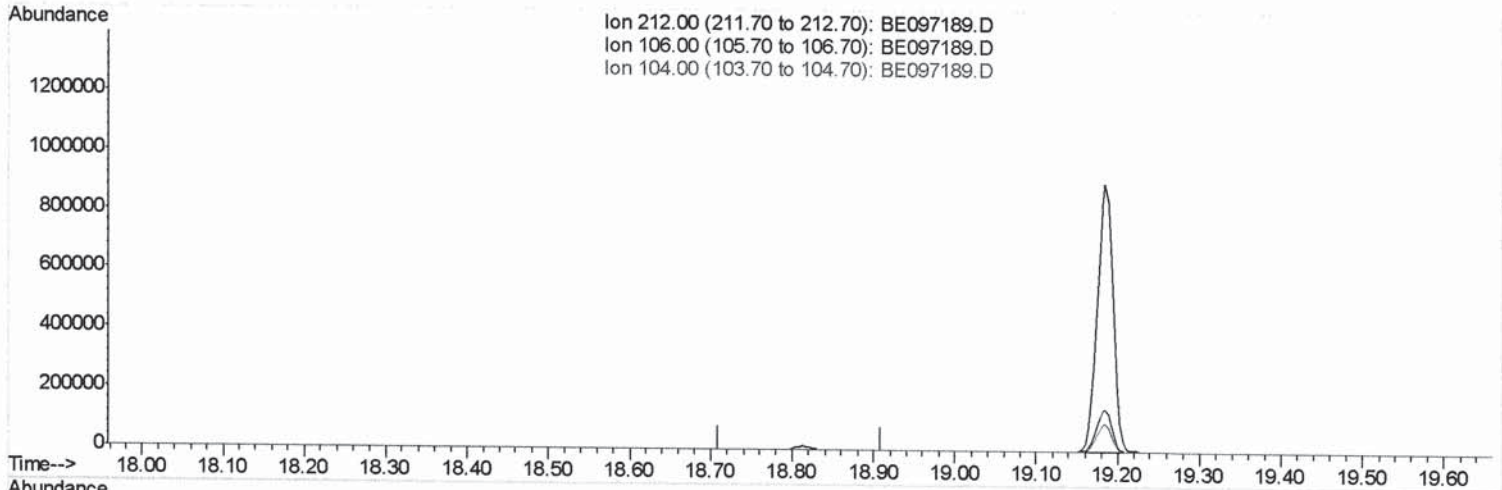
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(14) Fluoranthene-d10 (SURR)

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)

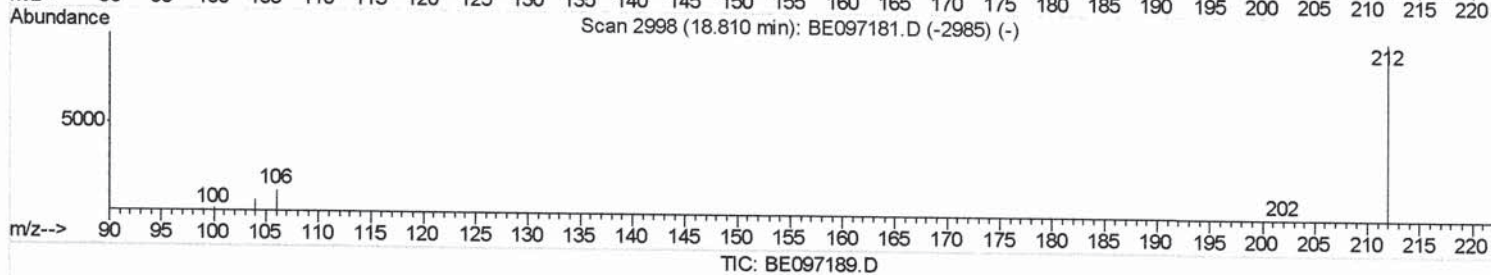
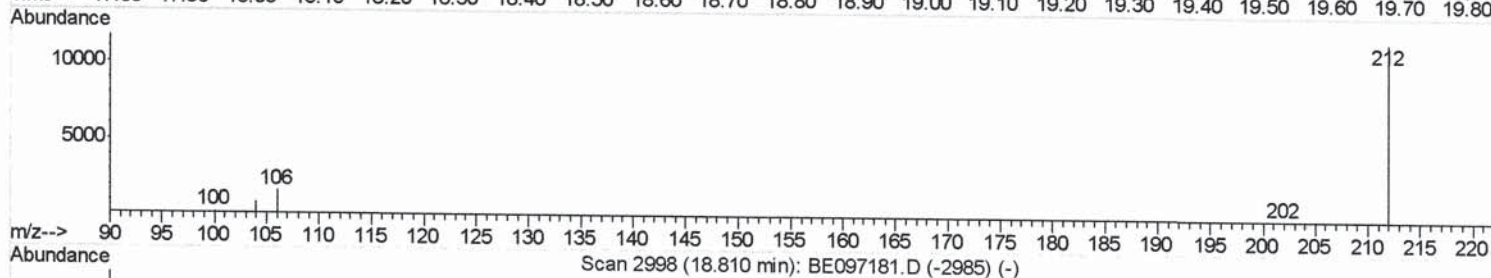
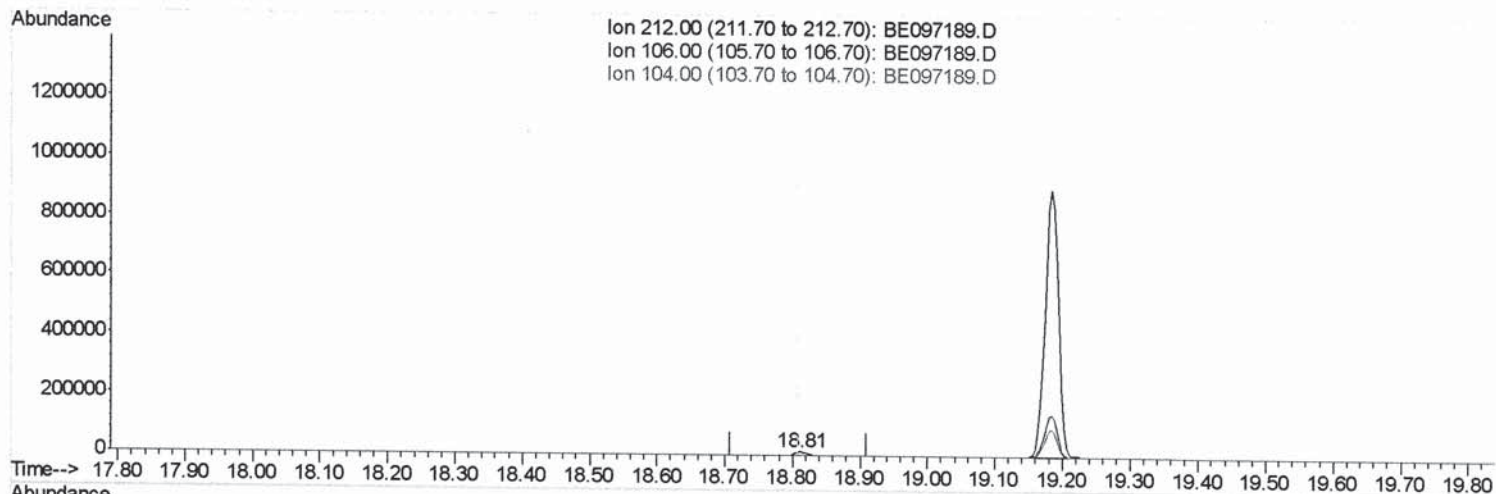
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Data File : BE097189.D
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Sample : J4171-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1J1

Manual Integrations
APPROVED

Sohil
8/6/2018 4:32:33 PM

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(14) Fluoranthene-d10 (SURR)

18.810min (+0.000) 0.39ng/ul m

response 15544

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

SJ 8/7/18

Quantitation Report (Qedit)

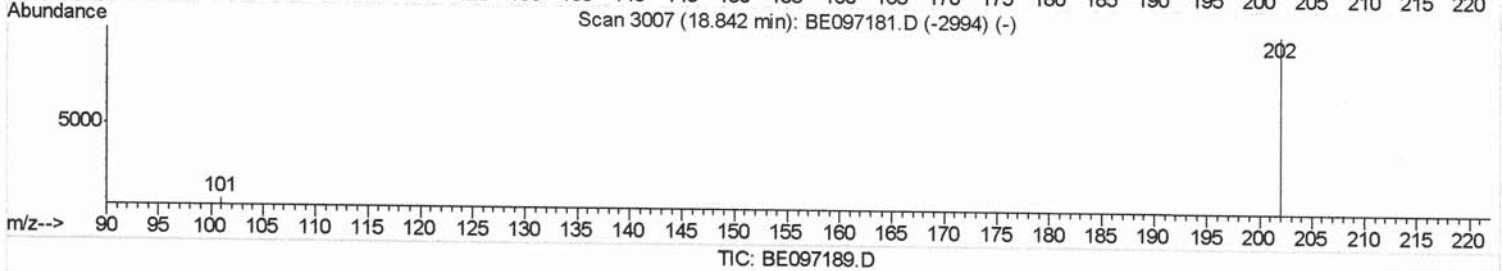
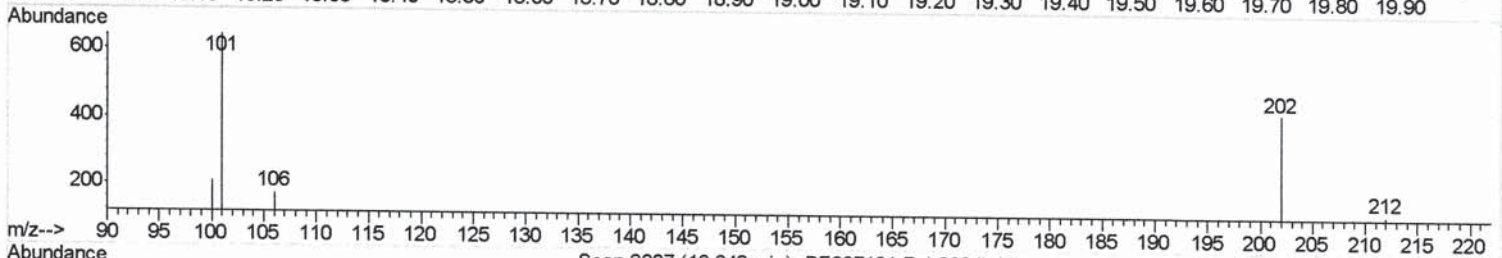
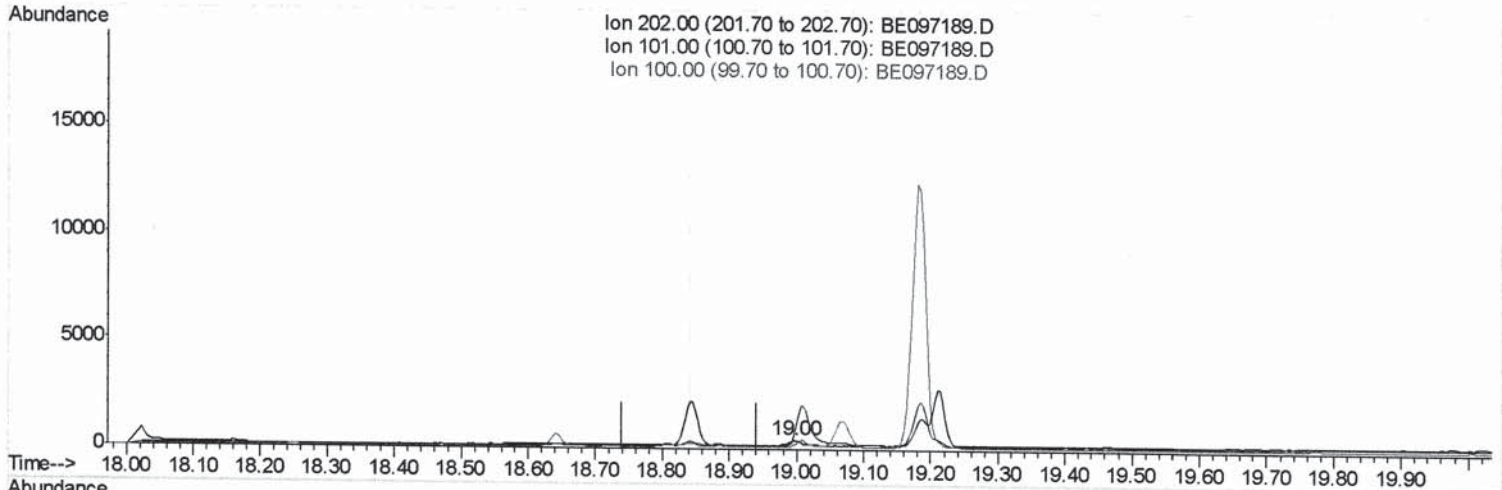
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Manual Integrations
 APPROVED

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(15) Fluoranthene (C)

18.996min (+0.153) 0.01ng/ul

response 317

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	151.41#
100.00	19.50	48.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

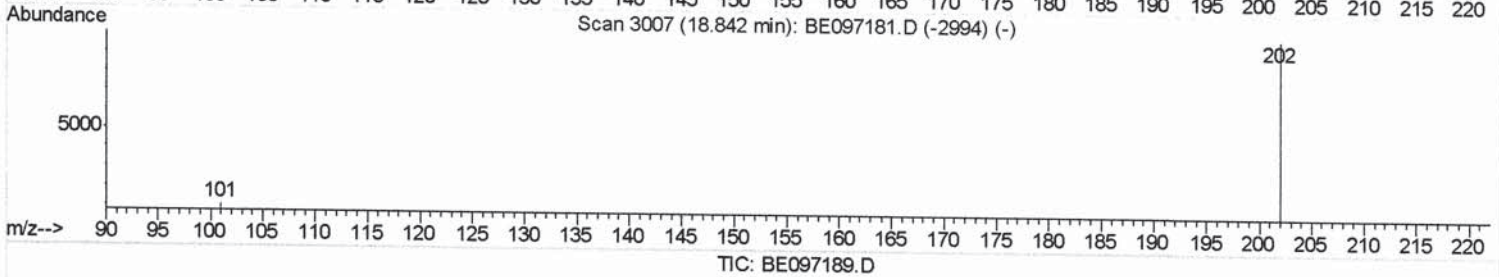
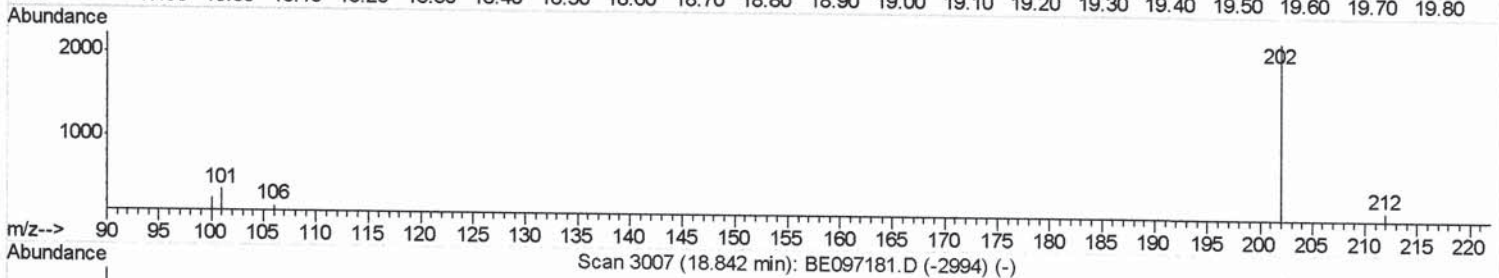
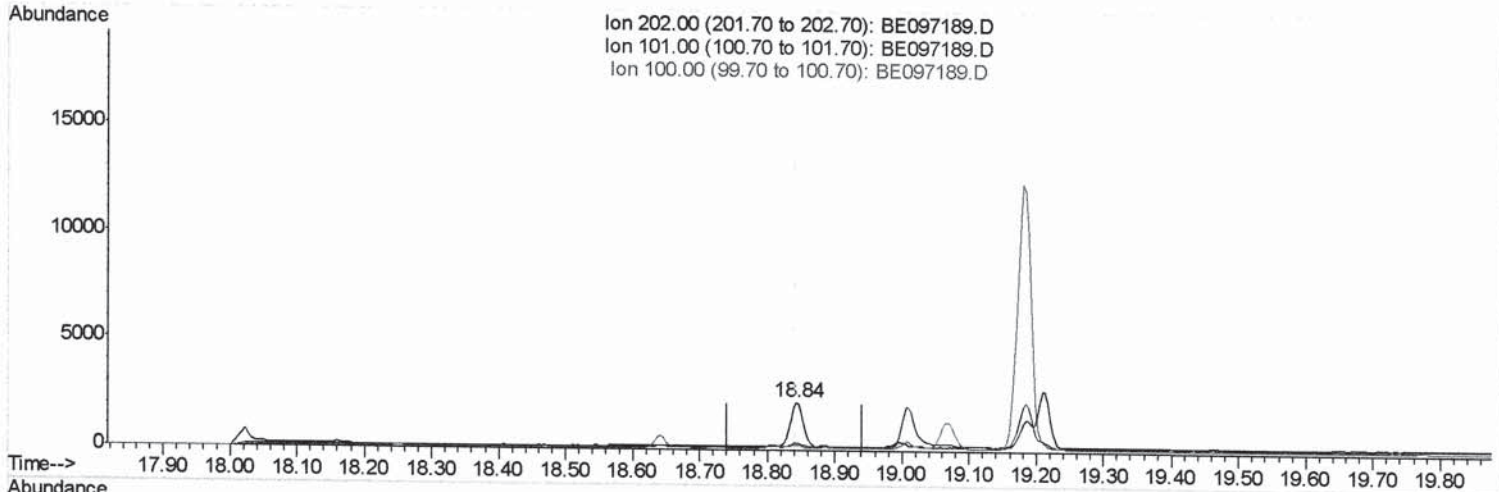
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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:33 PM

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(15) Fluoranthene (C)

18.842min (+0.000) 0.07ng/ul m

response 2777

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	16.07
100.00	19.50	11.45
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (Qedit)

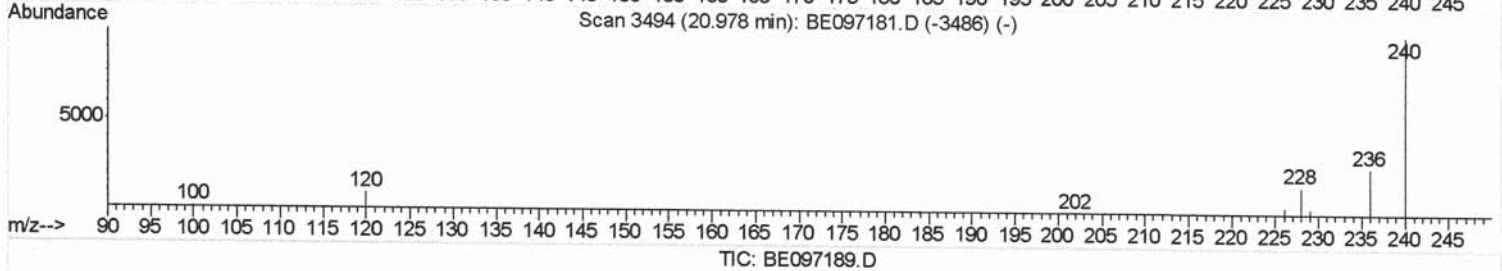
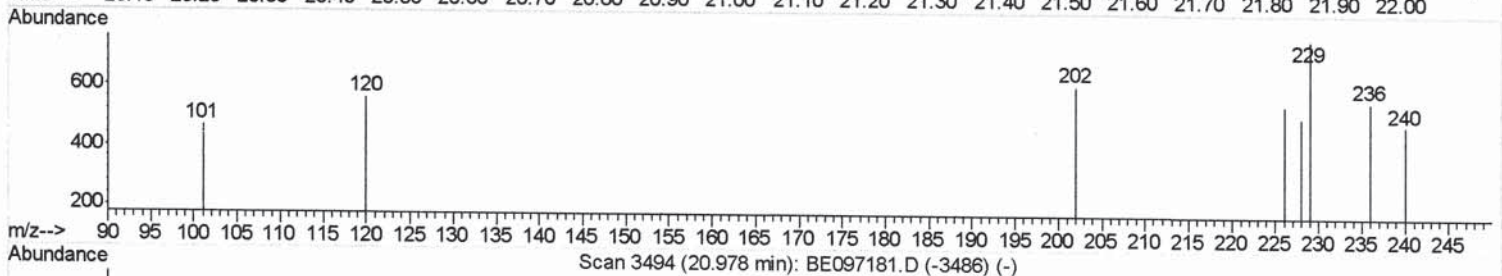
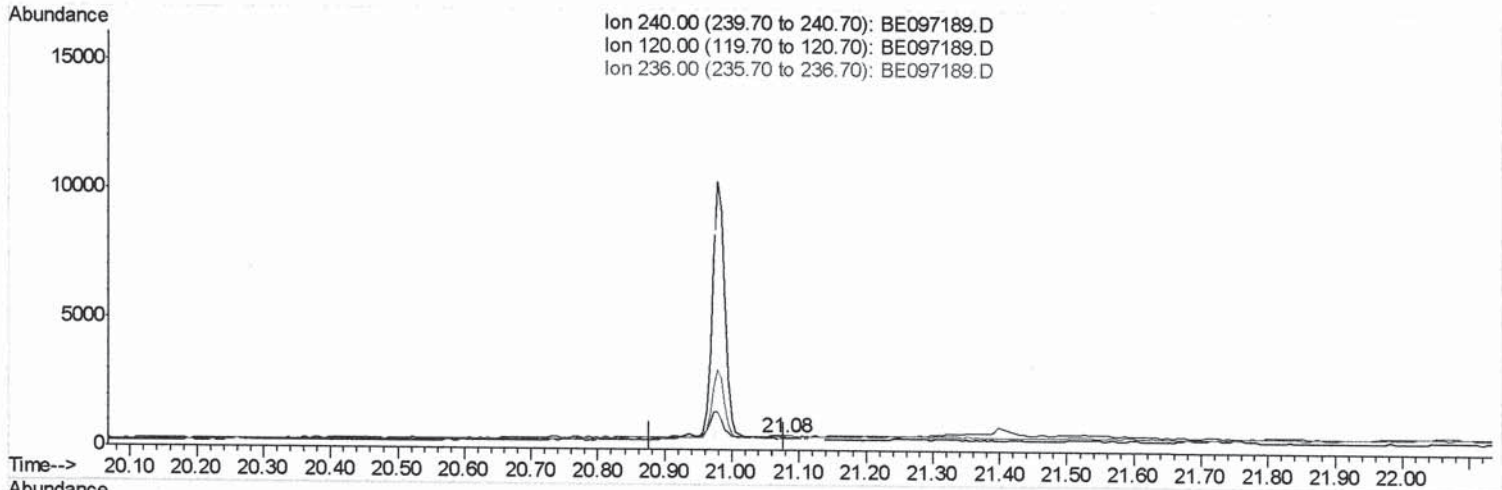
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(16) Chrysene-d12 (I)

21.079min (+0.101) 0.40ng/ul

response 126

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	116.80#
236.00	34.90	116.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

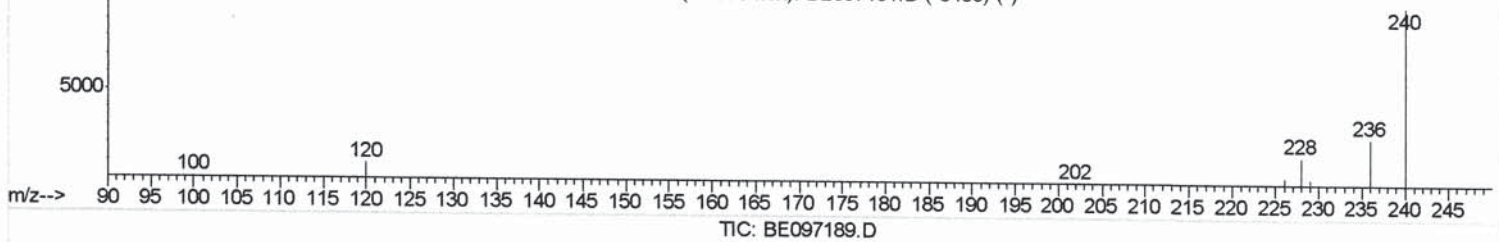
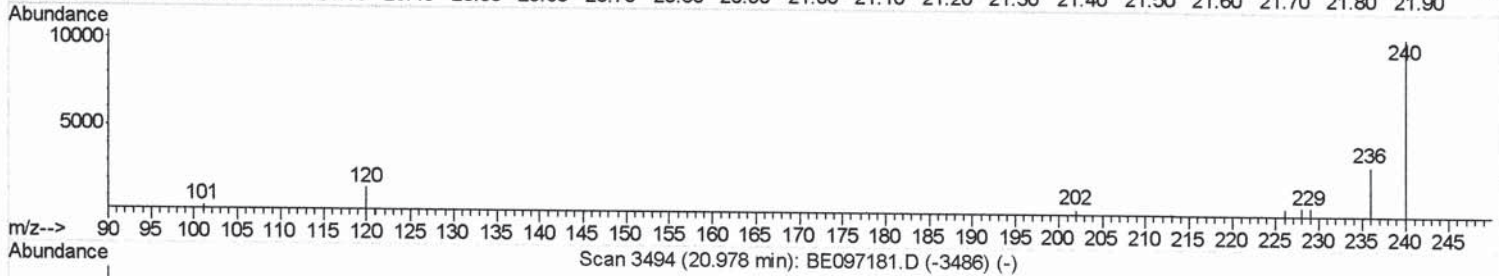
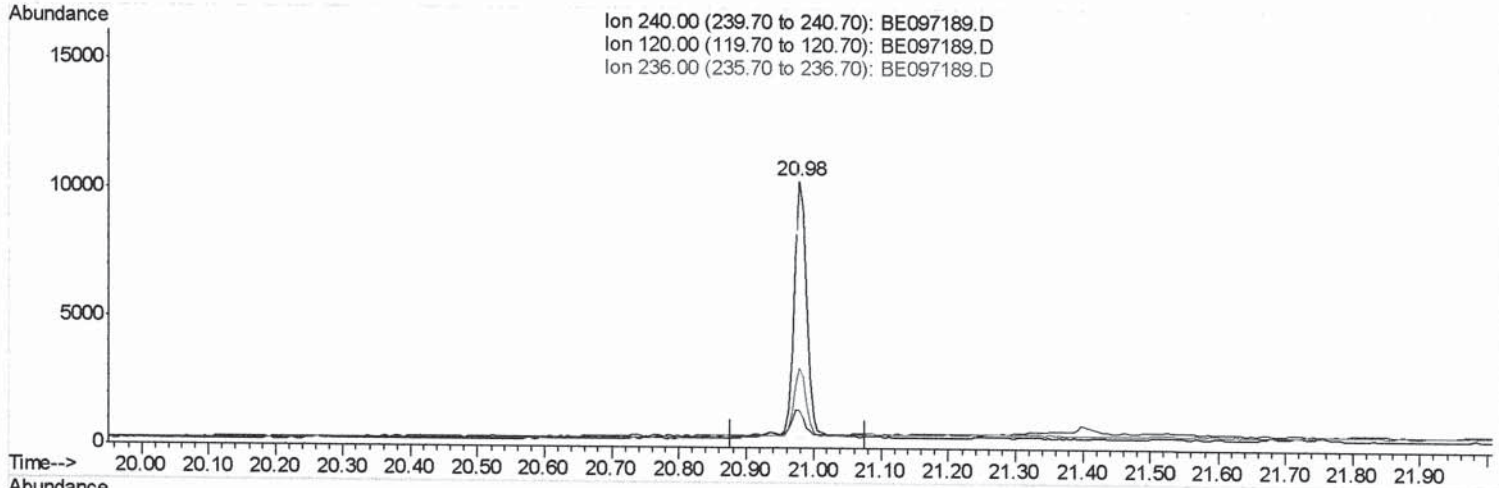
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Manual Integrations
 APPROVED

Sohil
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(16) Chrysene-d12 (I)

20.978min (+0.000) 0.40ng/ul m

response 12537

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	14.29#
236.00	34.90	29.87
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (Qedit)

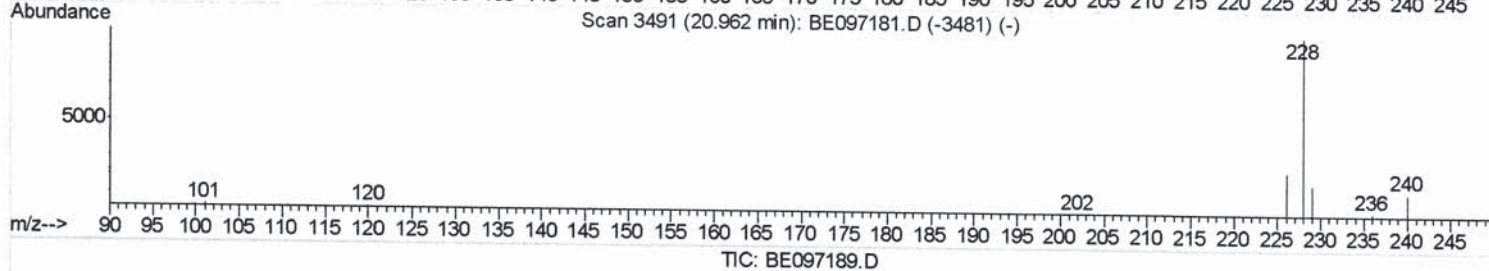
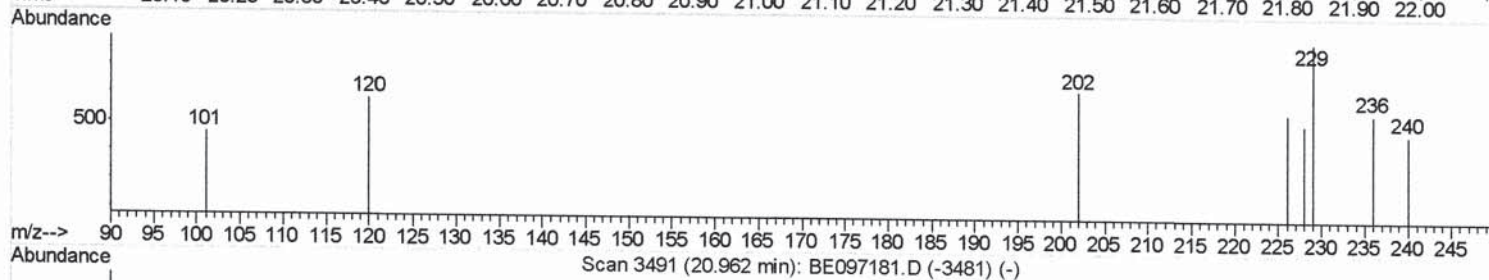
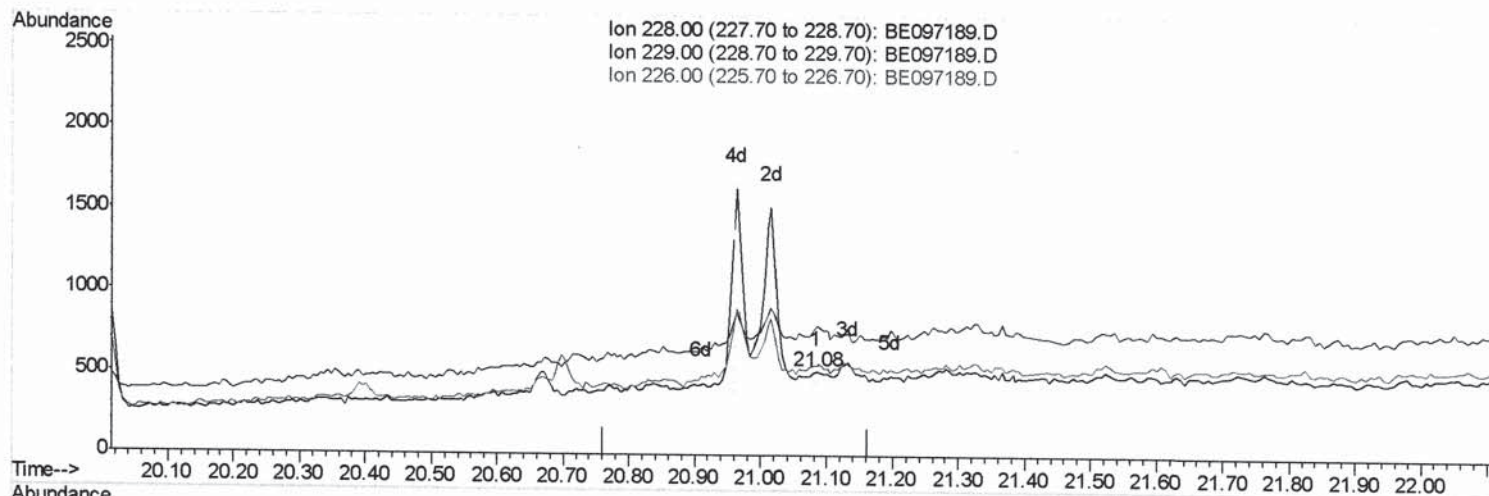
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(18) Benzo(a)anthracene

21.084min (+0.122) 0.00ng/ul

response 132

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	155.27#
226.00	21.30	107.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

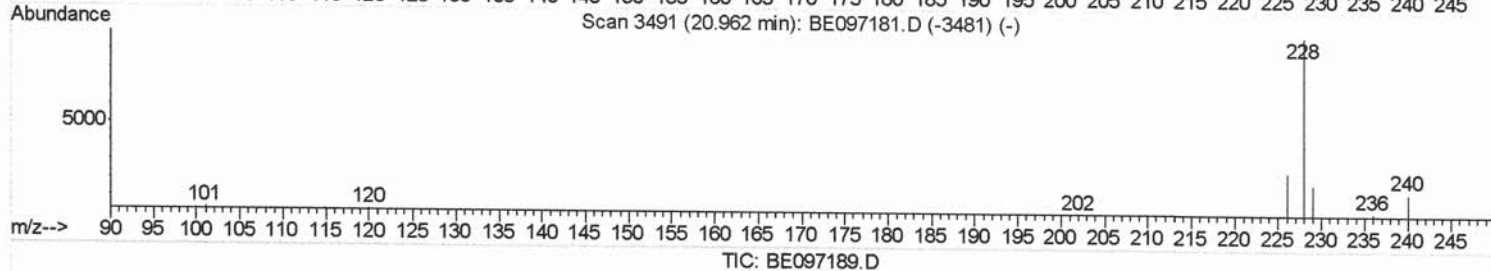
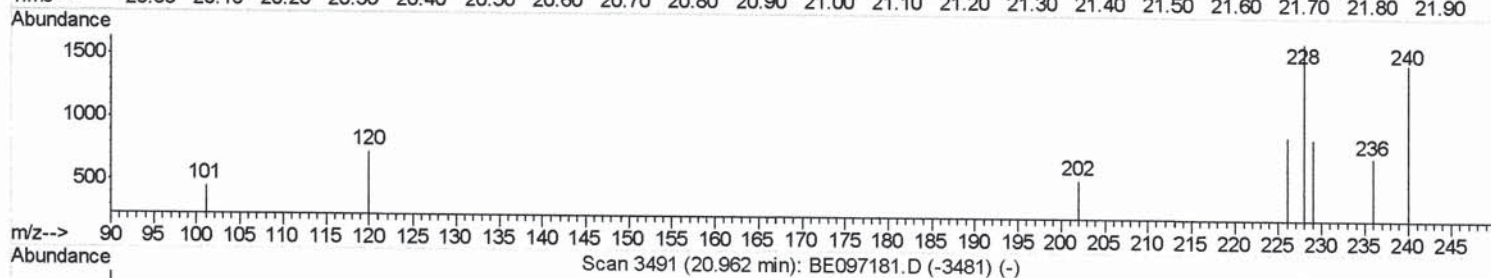
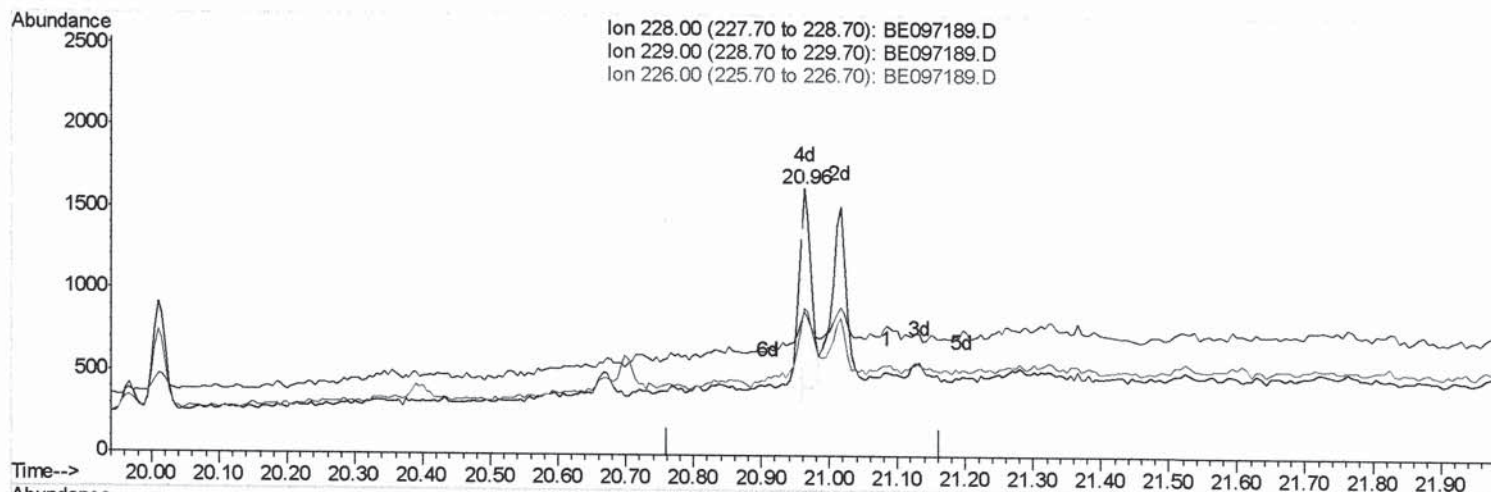
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(18) Benzo(a)anthracene

20.962min (+0.000) 0.04ng/ul m

response 1522

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	53.62#
226.00	21.30	54.84#
0.00	0.00	0.00

5/8/7/18

Quantitation Report (Qedit)

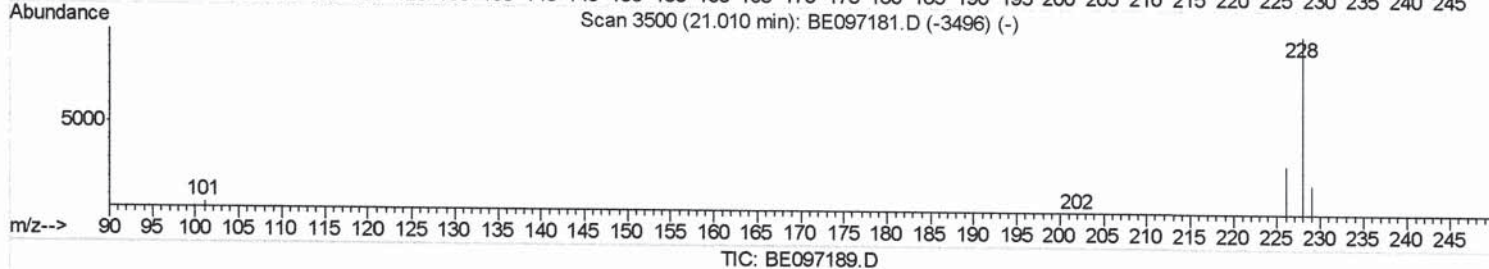
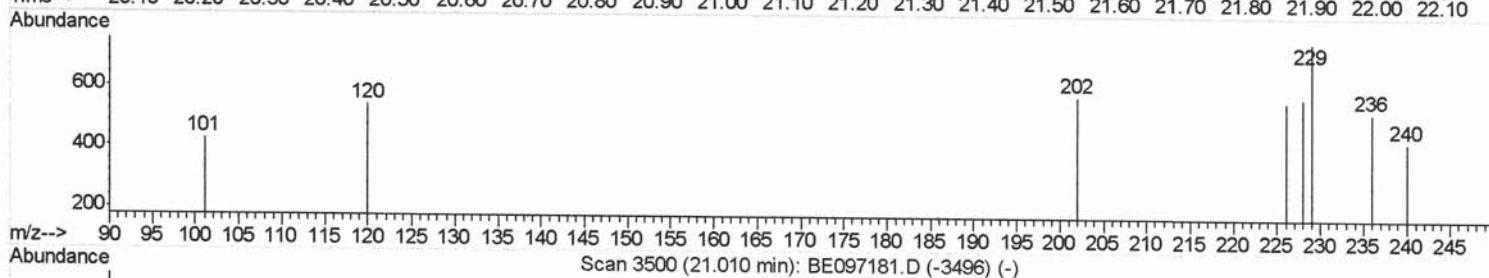
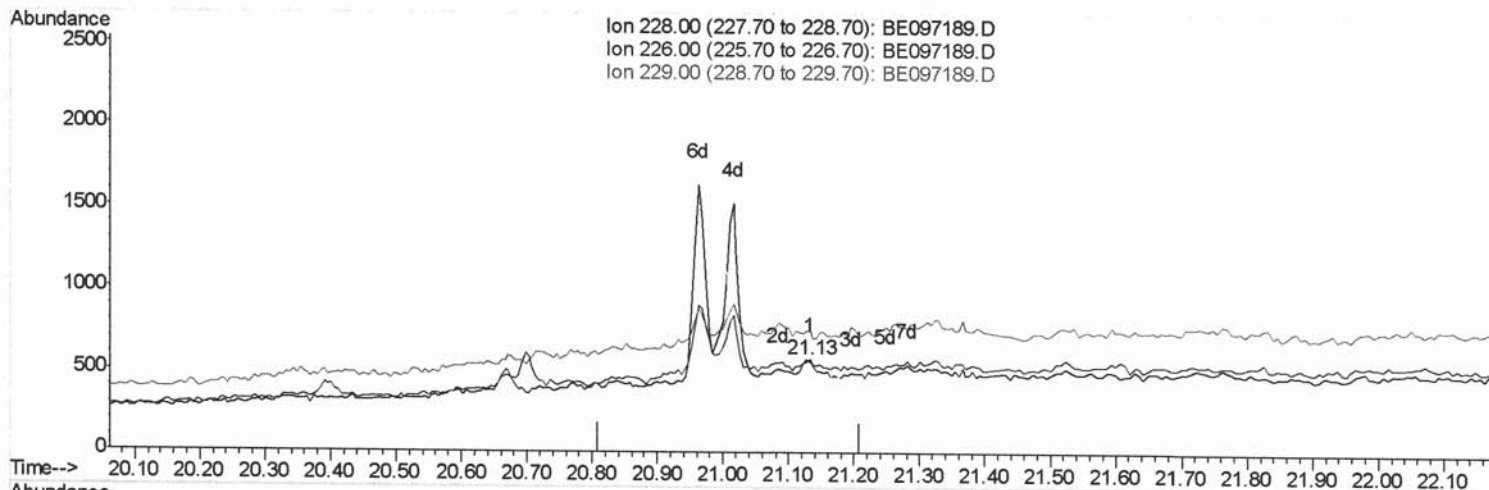
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(19) Chrysene

21.132min (+0.122) 0.01ng/ul

response 196

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	98.07#
229.00	22.10	131.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

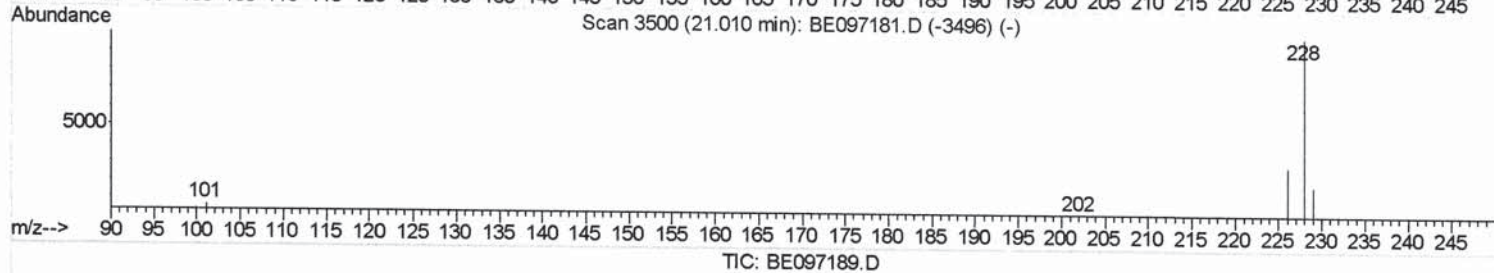
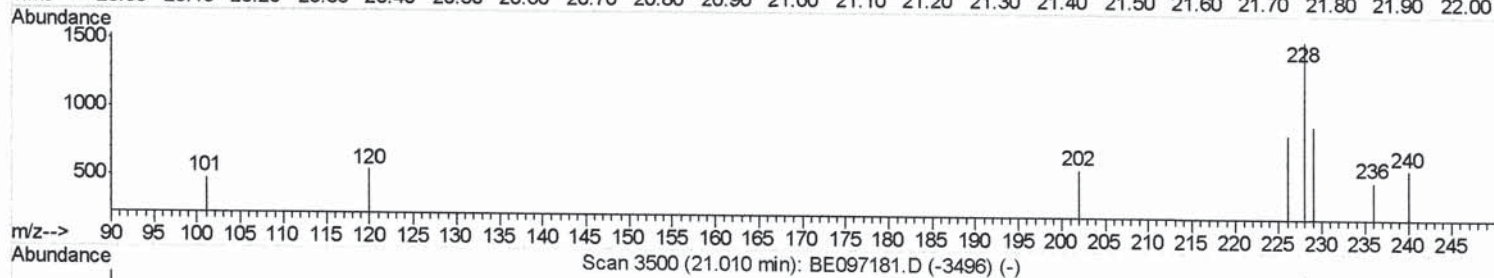
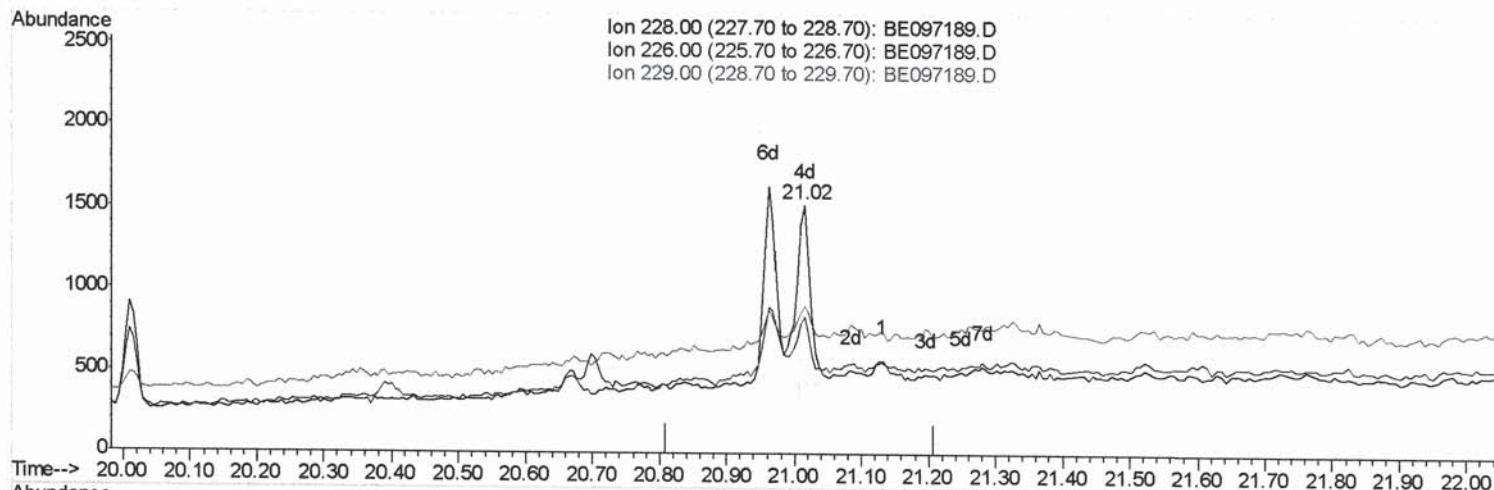
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1J1

Manual Integrations
APPROVED

Sohil
8/6/2018 4:32:33 PM

Quant Time: Aug 04 00:22:27 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 : Fri Aug 03 23:39:09 2018
Response via : Initial Calibration



(19) Chrysene

21.015min (+0.006) 0.04ng/ul m

response 1603

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	55.32#
229.00	22.10	59.26#
0.00	0.00	0.00

SJ 8/2/18

Quantitation Report (Qedit)

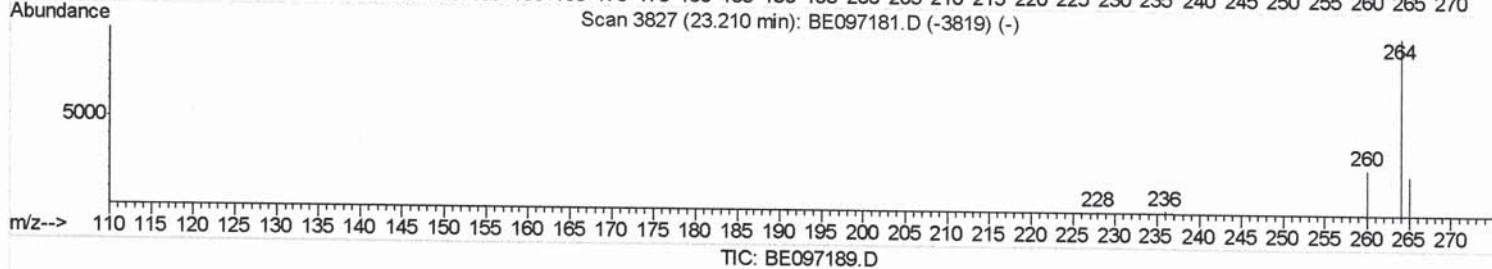
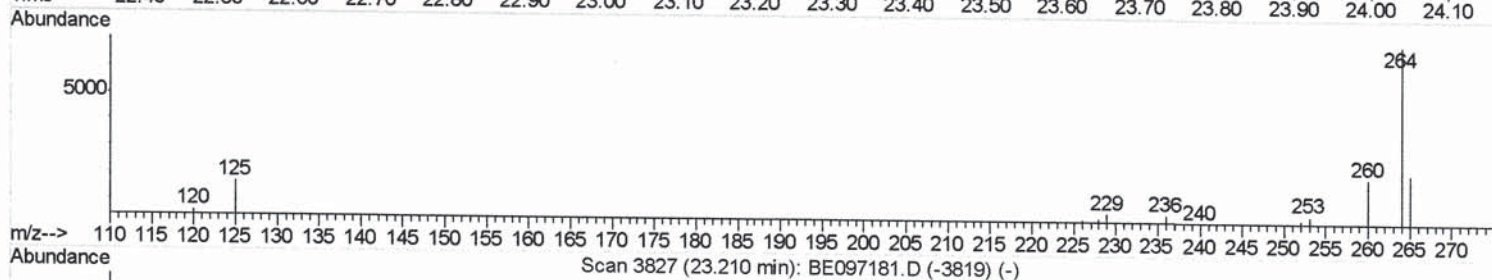
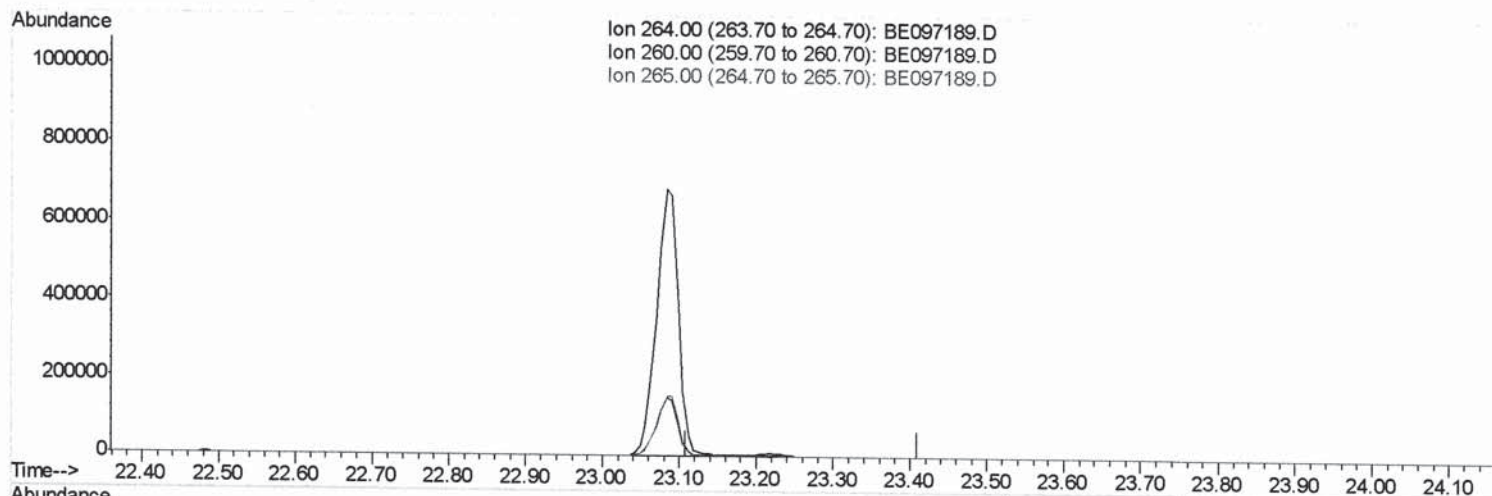
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
Data File : BE097189.D
Acq On : 3 Aug 2018 21:08
Operator : SJ/JU
Sample : J4171-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1J1

Manual Integrations
APPROVED

Sohil
8/6/2018 4:32:33 PM

Quant Time: Aug 04 00:22:27 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 : Fri Aug 03 23:39:09 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)

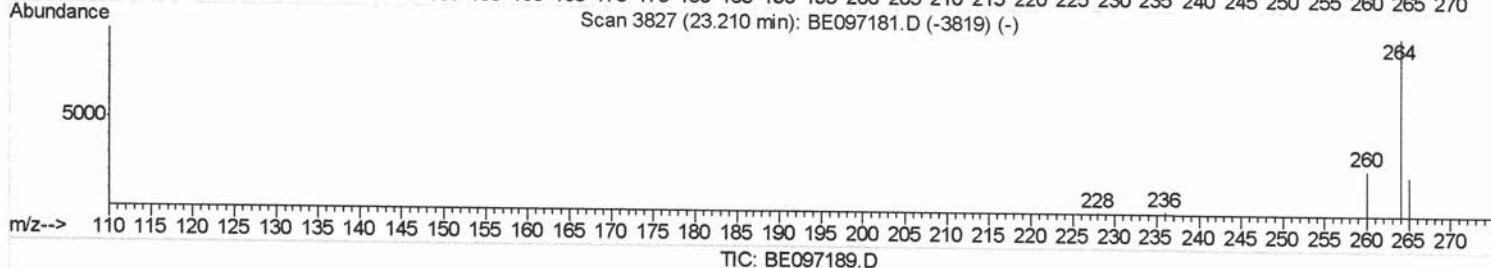
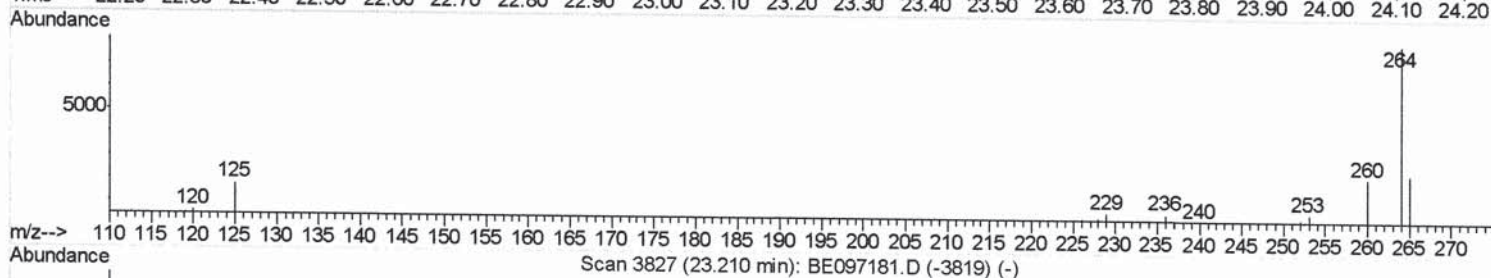
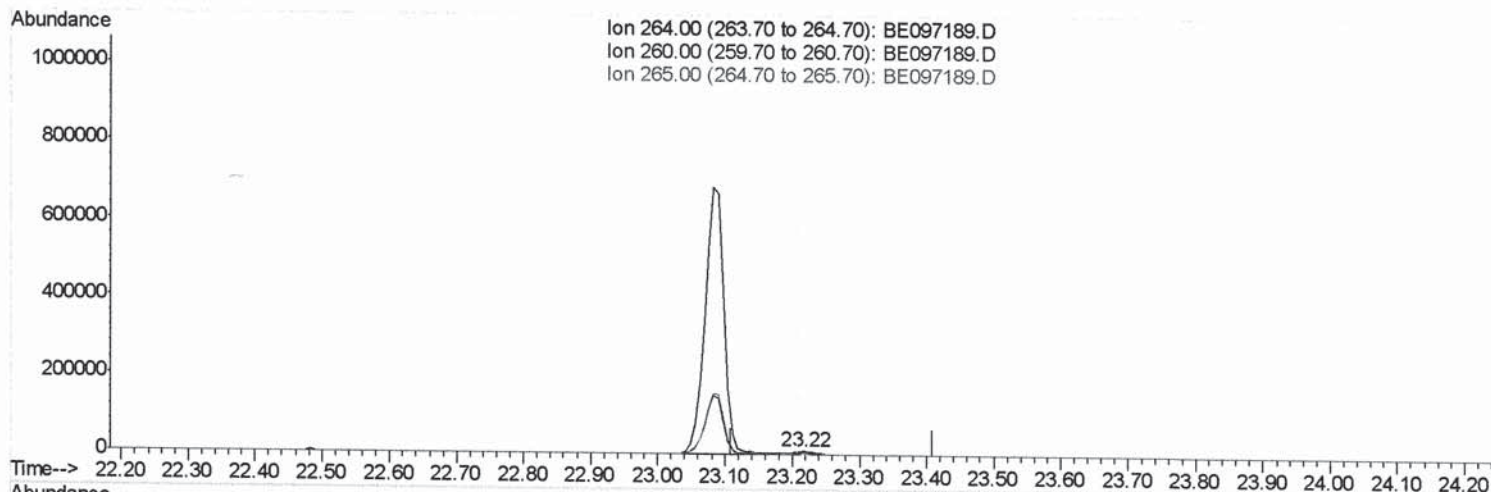
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
Data File : BE097189.D
Acq On : 3 Aug 2018 21:08
Operator : SJ/JU
Sample : J4171-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1J1

Manual Integrations
APPROVED

Sohil
8/6/2018 4:32:33 PM

Quant Time: Aug 04 00:22:27 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 : Fri Aug 03 23:39:09 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.217min (+0.007) 0.40ng/ul m

response 10945

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	28.40
265.00	103.50	30.44#
0.00	0.00	0.00

538/7/18

Quantitation Report (Qedit)

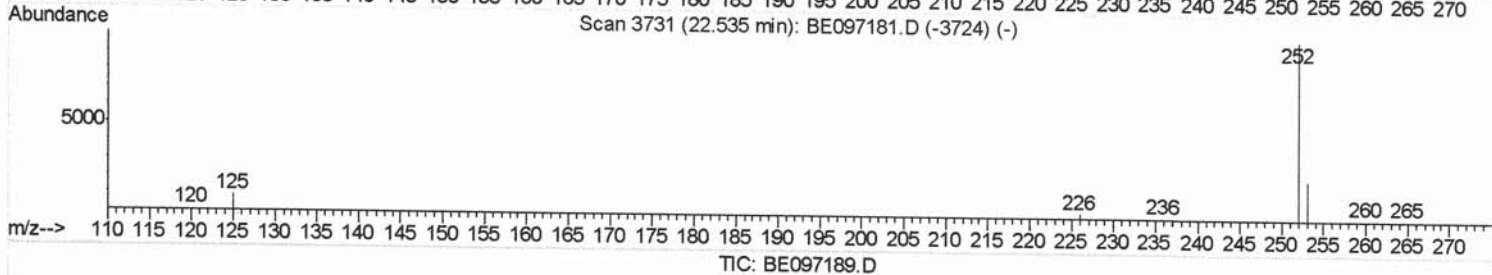
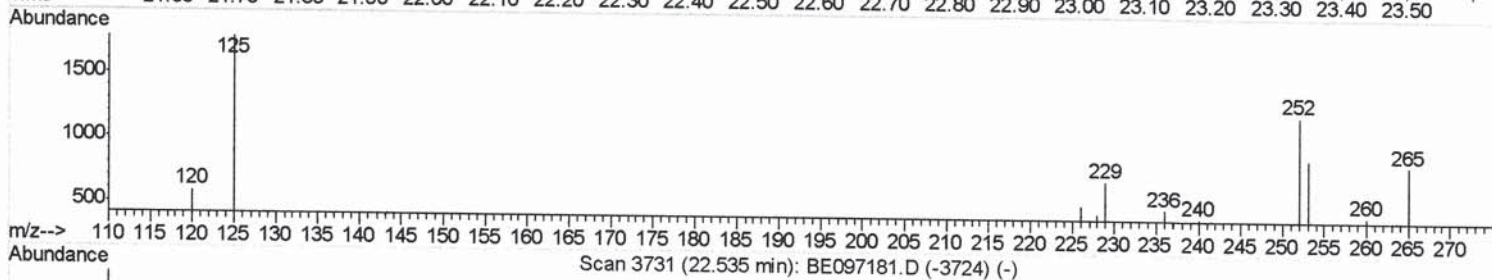
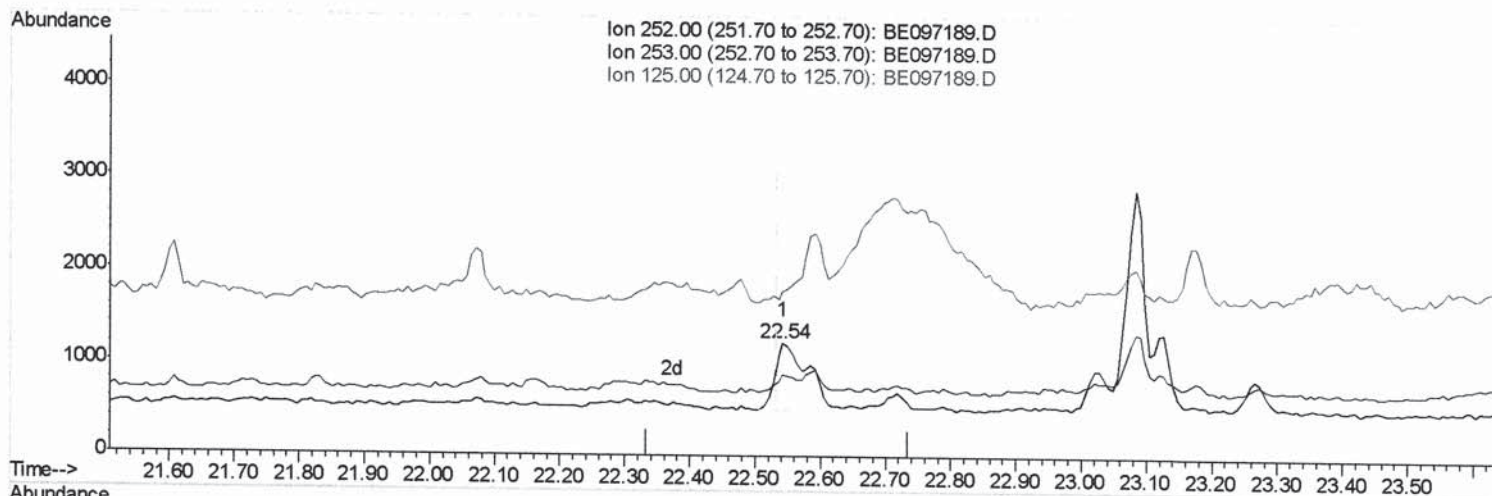
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
Data File : BE097189.D
Acq On : 3 Aug 2018 21:08
Operator : SJ/JU
Sample : J4171-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1J1

Manual Integrations
APPROVED

Sohil
8/6/2018 4:32:33 PM

Quant Time: Aug 04 00:23:25 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 23:39:09 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.542min (+0.007) 0.08ng/ul

response 2468

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	72.60#
125.00	17.50	145.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

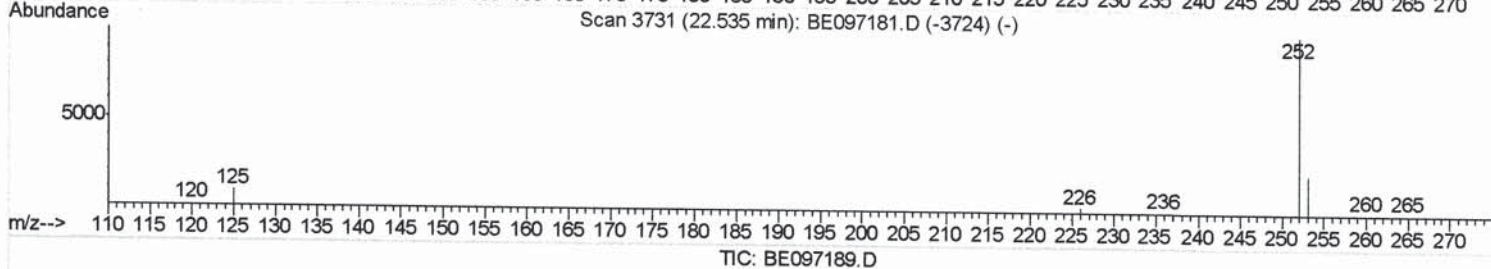
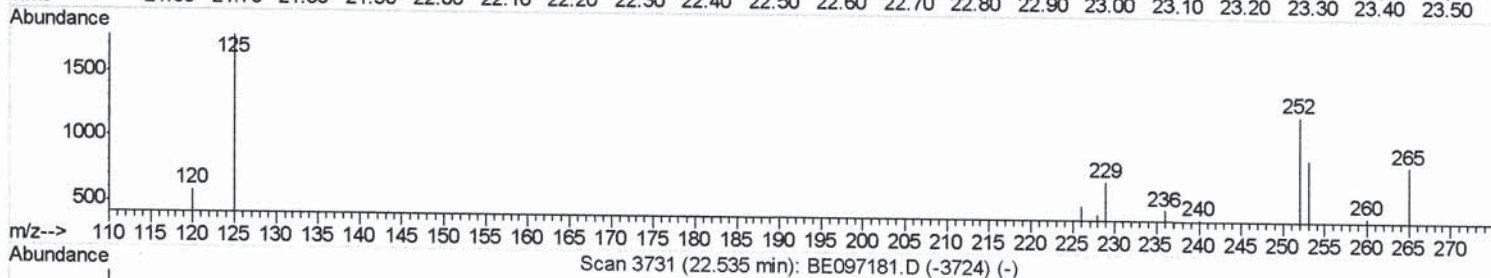
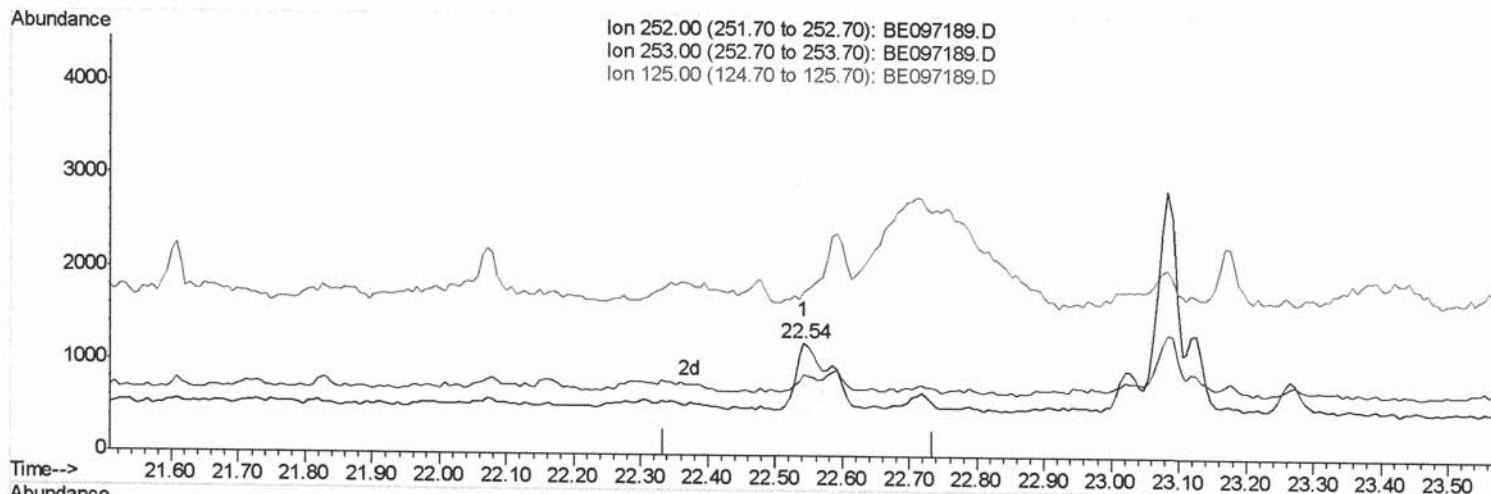
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
Data File : BE097189.D
Acq On : 3 Aug 2018 21:08
Operator : SJ/JU
Sample : J4171-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1J1

Manual Integrations
APPROVED

Sohil
8/6/2018 4:32:33 PM

Quant Time: Aug 04 00:23:25 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 23:39:09 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.542min (+0.007) 0.06ng/ul m

response 1721

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	72.60#
125.00	17.50	145.69#
0.00	0.00	0.00

5/8/7/18

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097189.D
 Acq On : 3 Aug 2018 21:08
 Operator : SJ/JU
 Sample : J4171-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J1

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:33 PM

Quant Time: Aug 04 00:24:56 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 23:39:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1530	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	7991	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	5237	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	11607m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	12537m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	10945m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	5870	0.46	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	15544m	0.39	ng/ul	0.00
Target Compounds						
12) Phenanthrene	16.81	178	1537m	0.052	ng/ul	Ovalue
15) Fluoranthene	18.84	202	2777m	0.071	ng/ul	
17) Pvrene	19.21	202	3221	0.096	ng/ul	
18) Benzo(a)anthracene	20.96	228	1522m	0.042	ng/ul	92
19) Chrysene	21.02	228	1603m	0.043	ng/ul	
21) Benzo(b)fluoranthene	22.54	252	1721m	0.058	ng/ul	

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