

Quantitation Report (QT Reviewed)

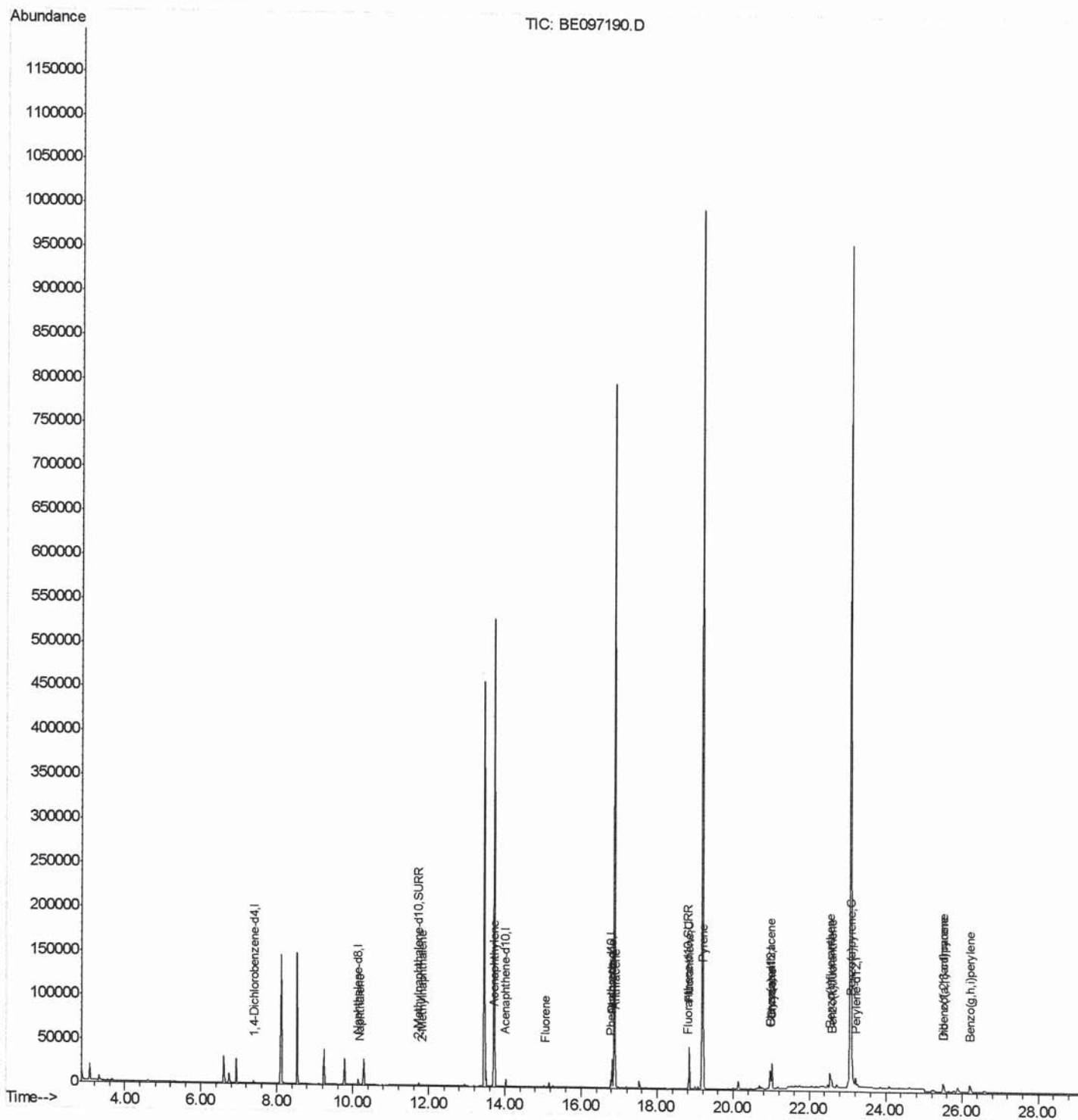
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097190.D
 Acq On : 3 Aug 2018 21:47
 Operator : SJ/JU
 Sample : J4171-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L4

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:35 PM

Quant Time: Aug 04 00:29:42 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 23:39:09 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

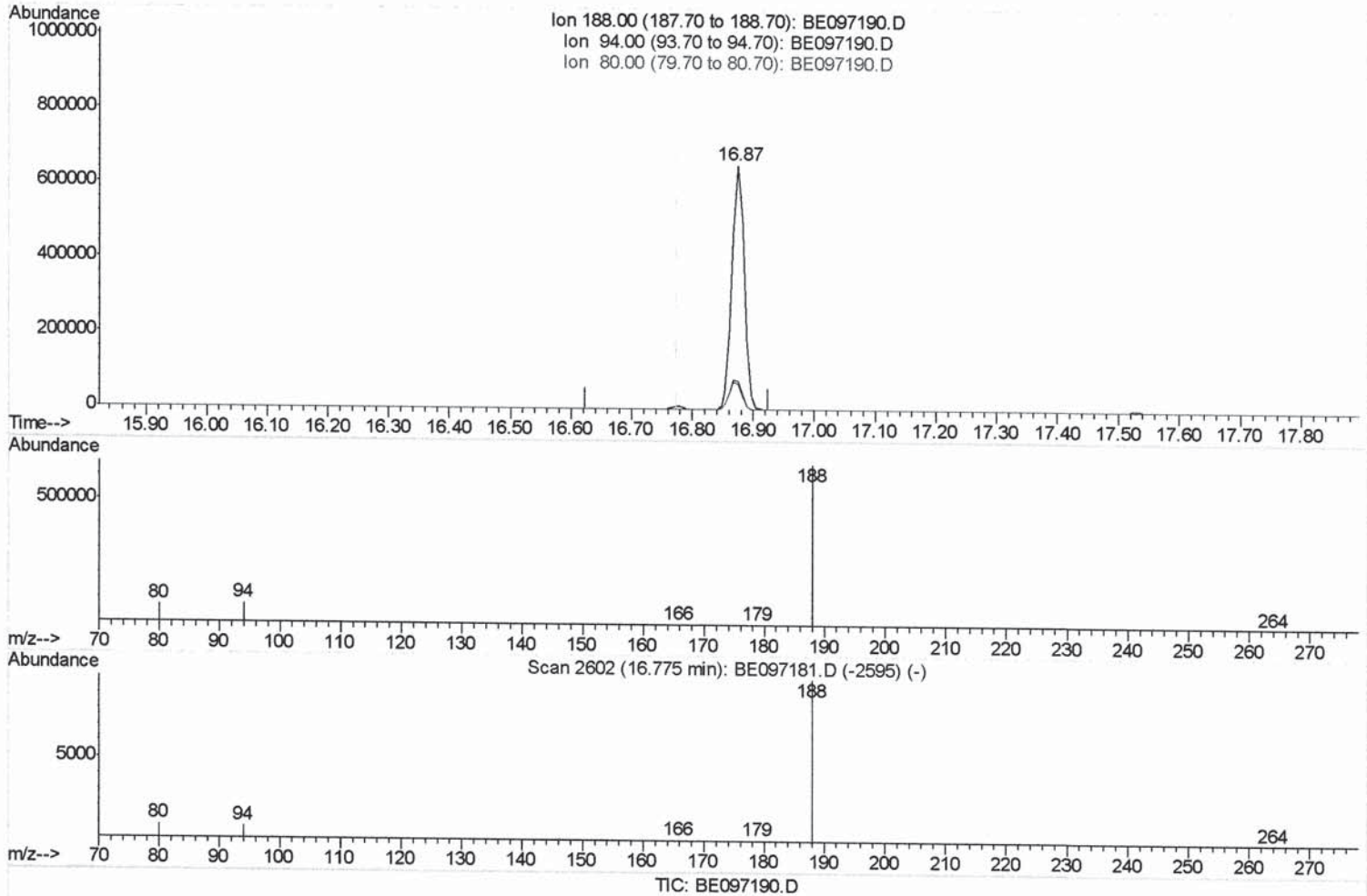
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Manual Integrations
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Sohil
 8/6/2018 4:32:35 PM

Quant Time: Aug 03 23:40:57 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)

16.874min (+0.099) 0.40ng/ul

response 889586

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.76
80.00	11.80	10.69
0.00	0.00	0.00

Quantitation Report (Qedit)

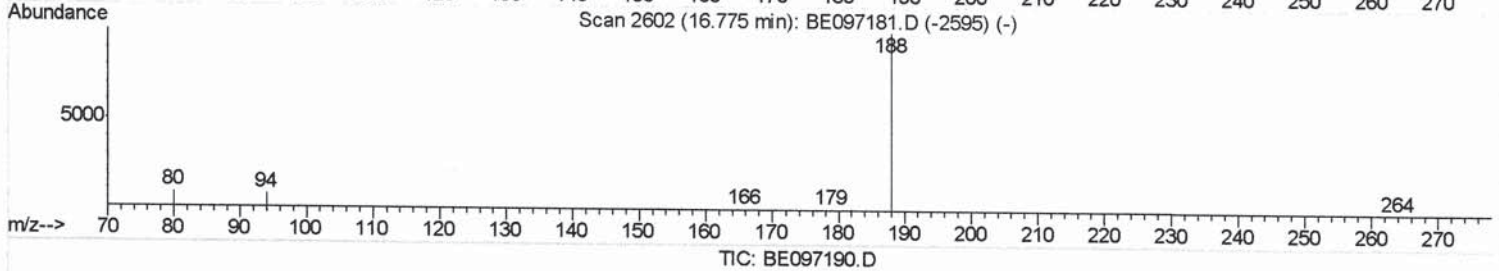
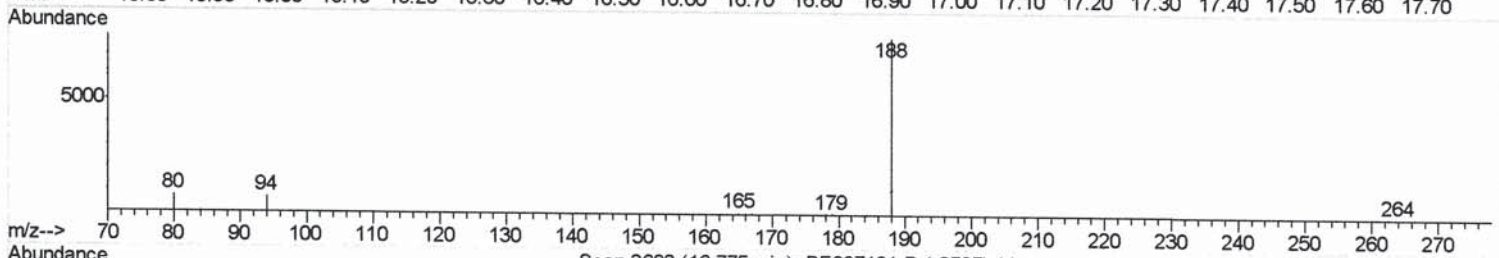
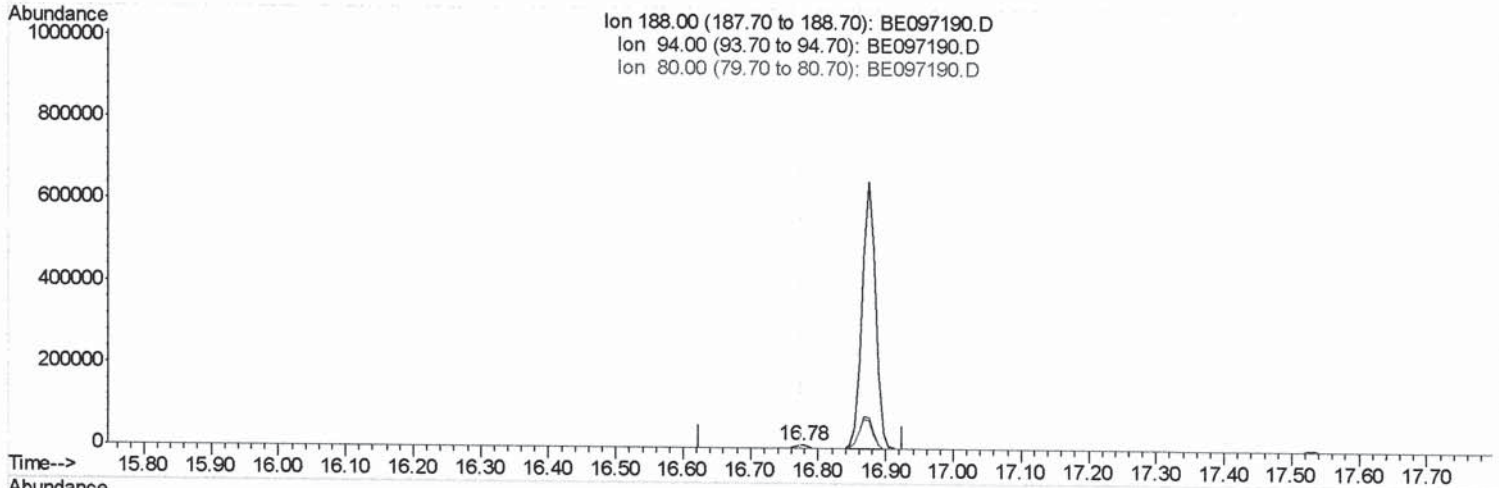
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(10) Phenanthrene-d10 (I)

16.776min (+0.001) 0.40ng/ul m

response 11132

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.43
80.00	11.80	9.94
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (Qedit)

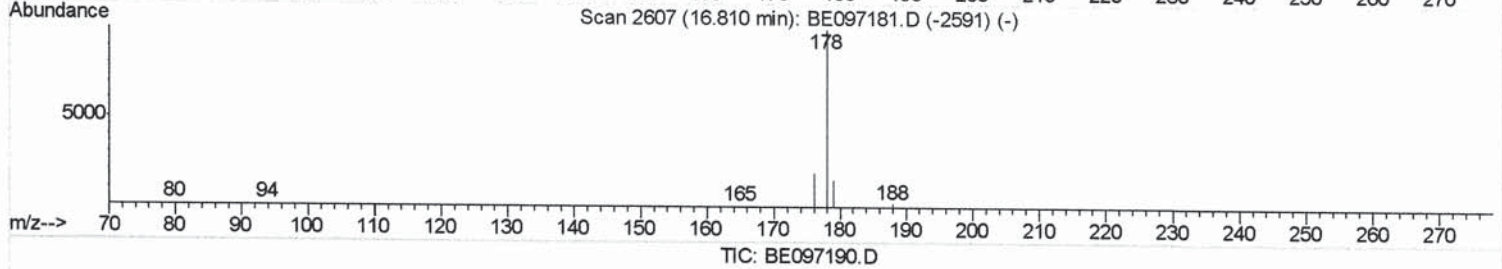
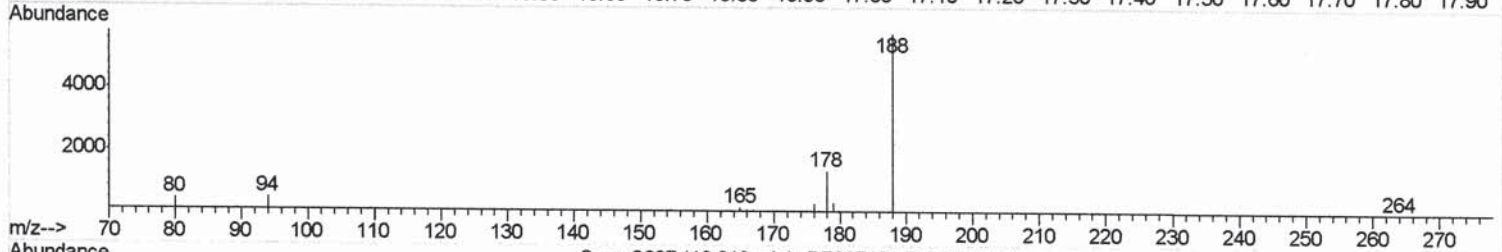
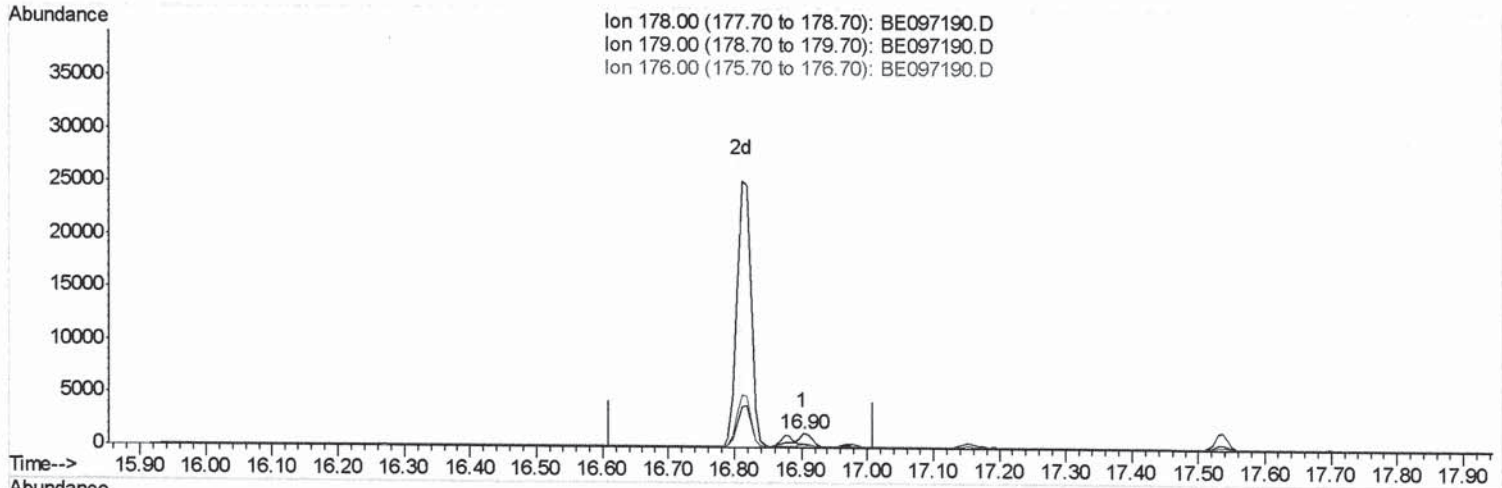
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Quant Time: Aug 04 00:26:36 2018
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(12) Phenanthrene

16.902min (+0.092) 0.08ng/ul

response 2237

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	23.59
176.00	17.00	22.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

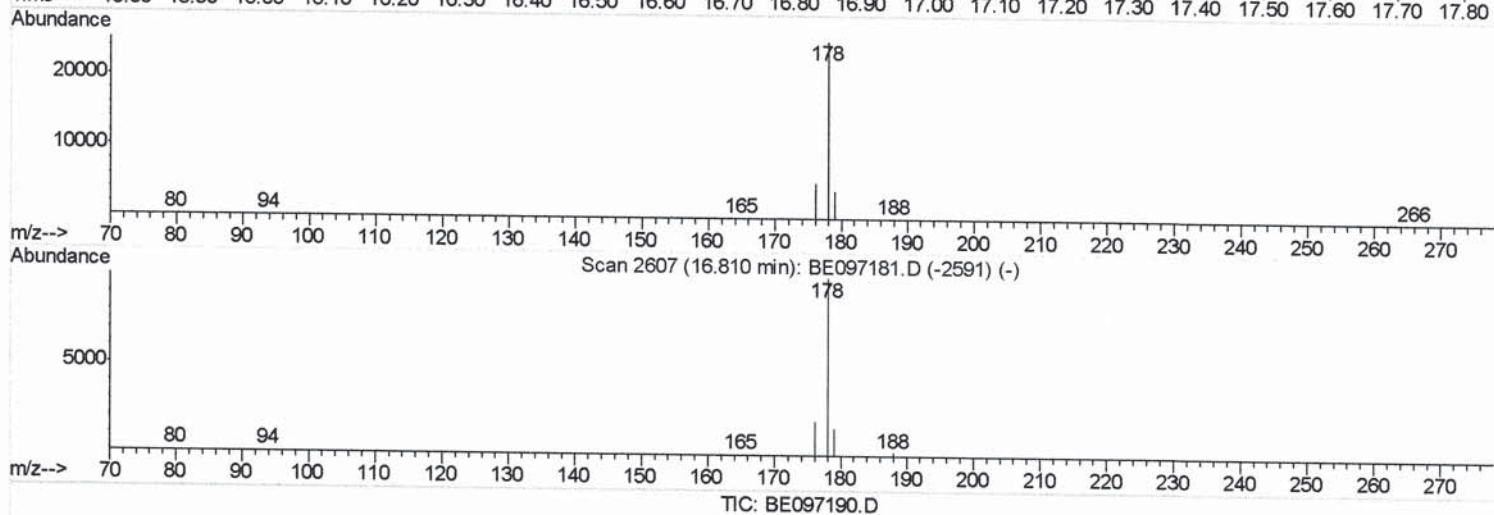
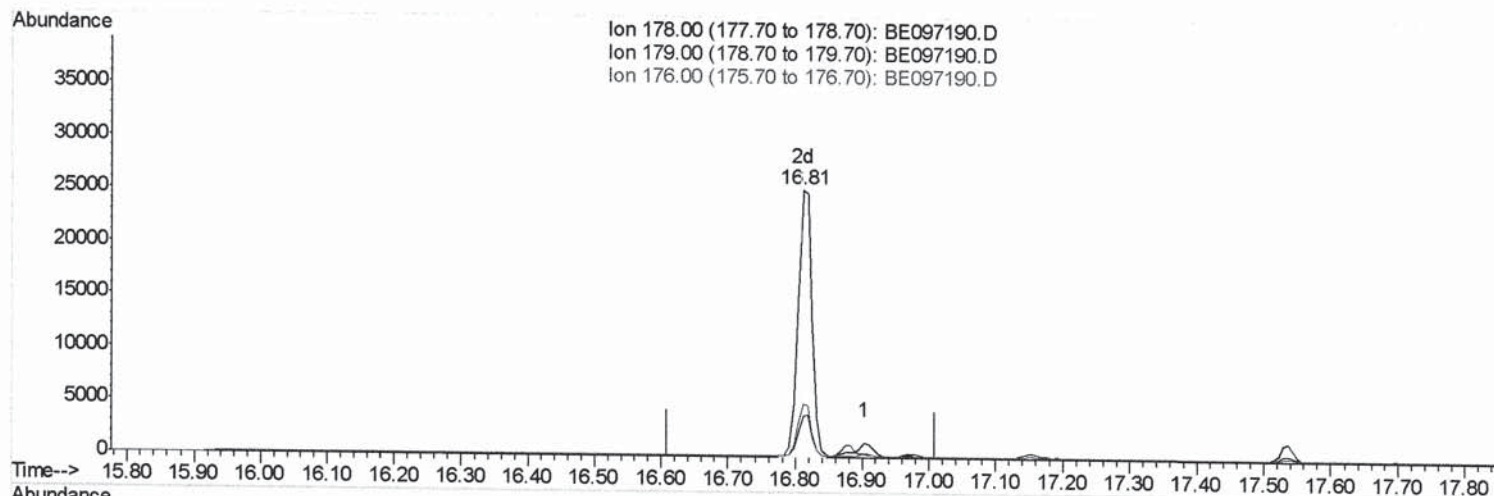
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(12) Phenanthrene

16.811min (+0.001) 1.31ng/ul m

response 37217

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	15.68#
176.00	17.00	19.94
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (Qedit)

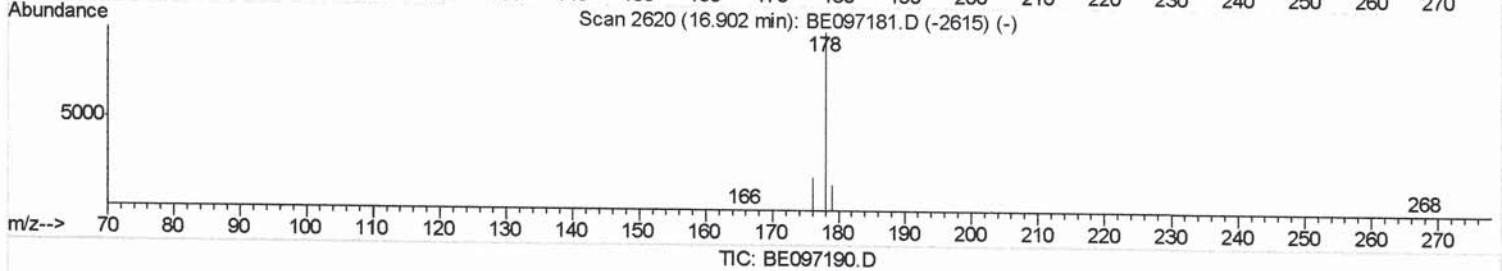
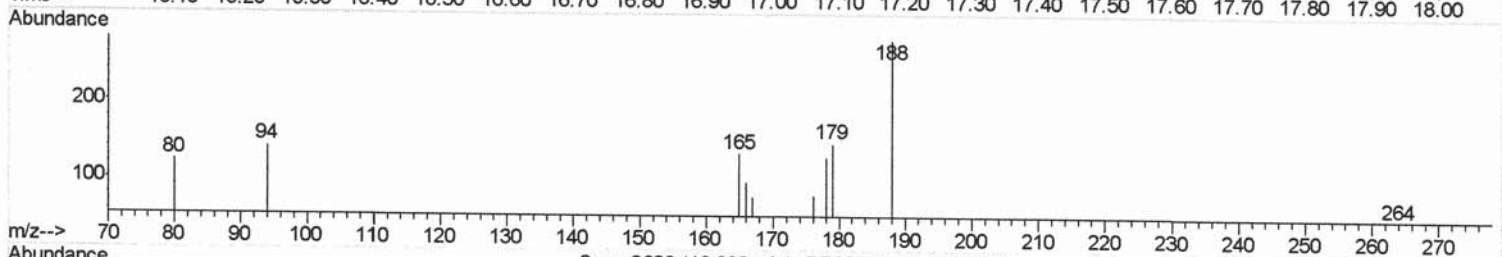
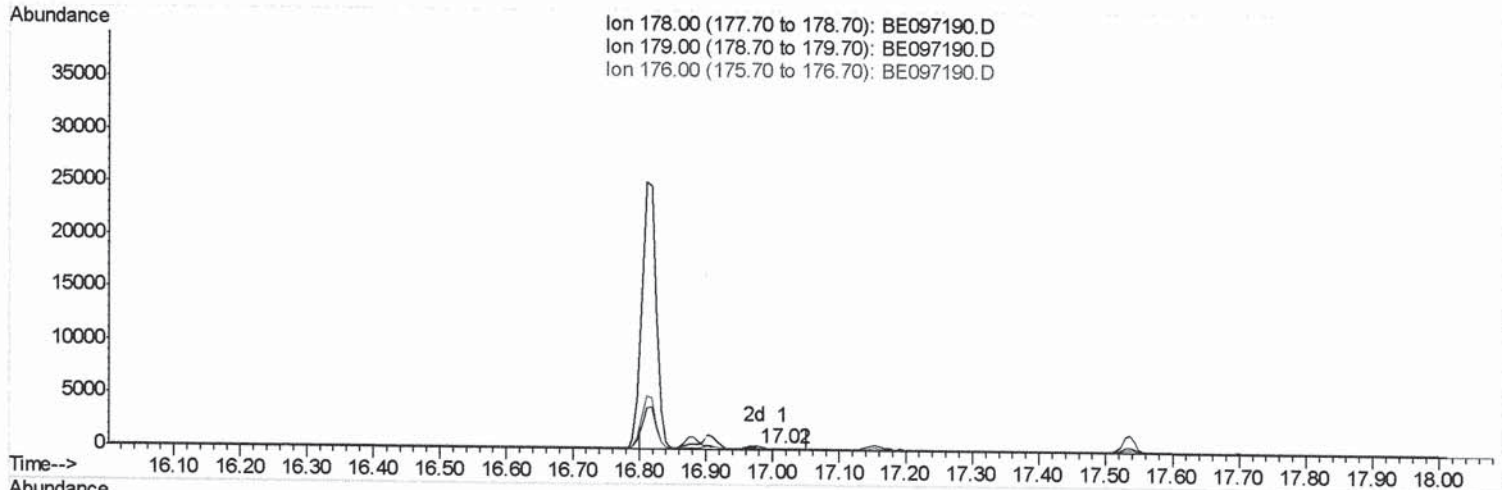
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TIC: BE097190.D

(13) Anthracene

17.015min (+0.113) 0.00ng/ul

response 59

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	113.08#
176.00	18.40	61.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

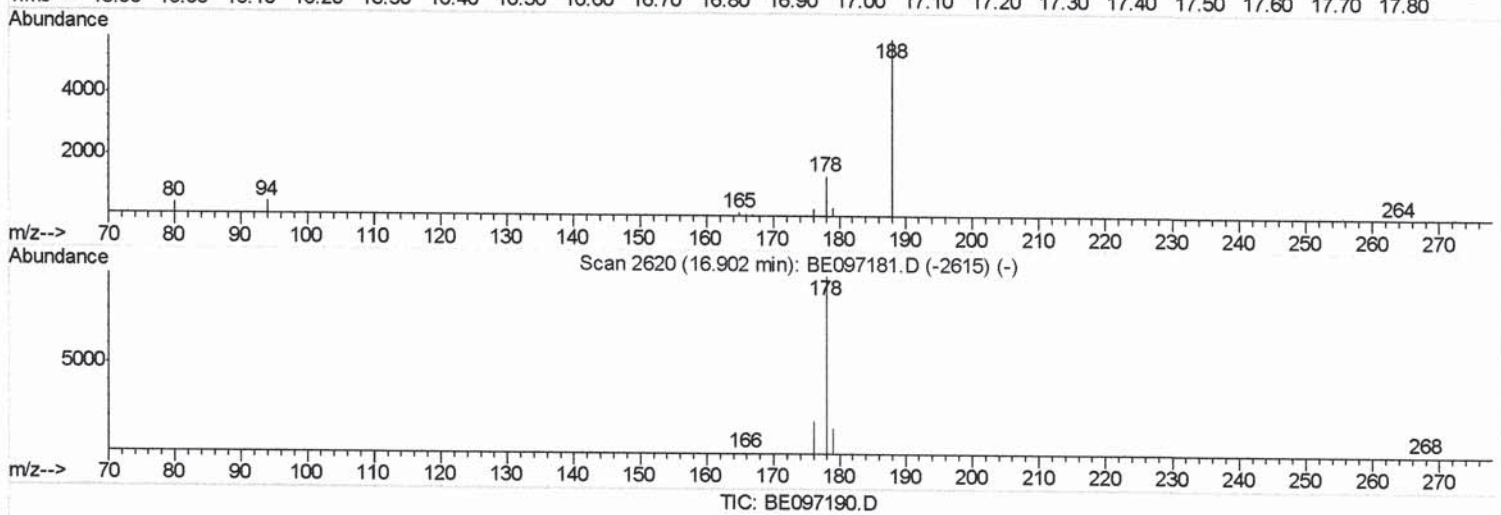
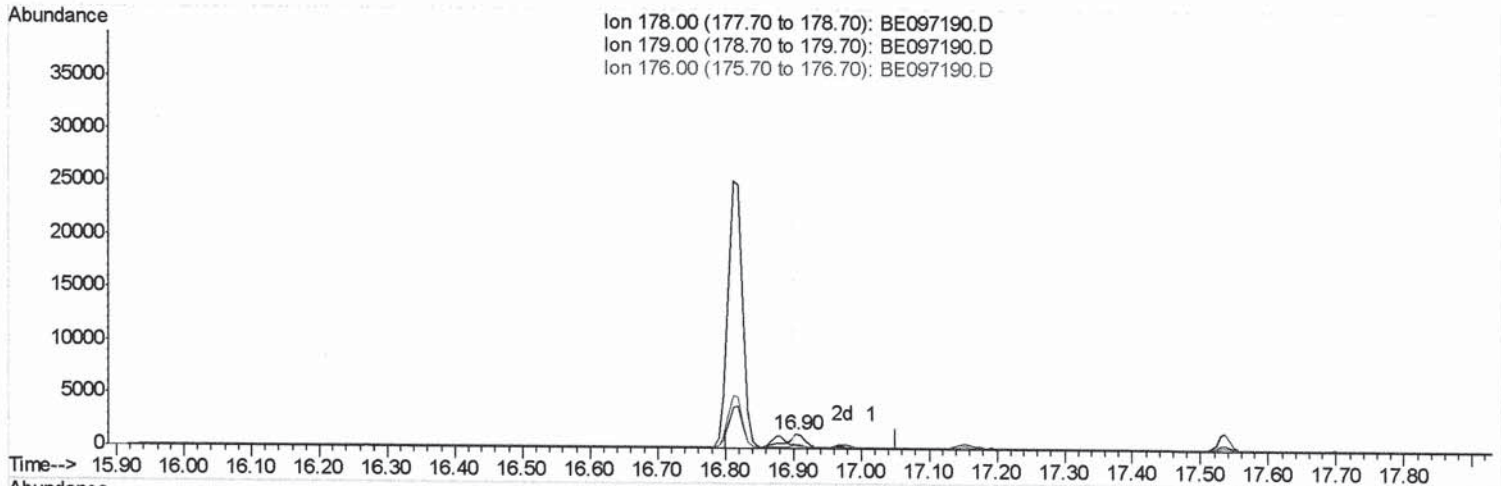
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Manual Integrations
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(13) Anthracene

16.902min (+0.001) 0.06ng/ul m

response 1656

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	23.59
176.00	18.40	22.86#
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (Qedit)

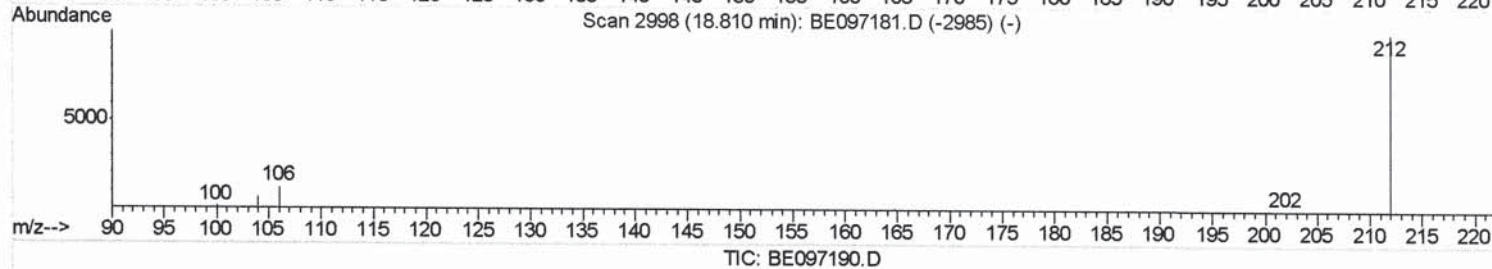
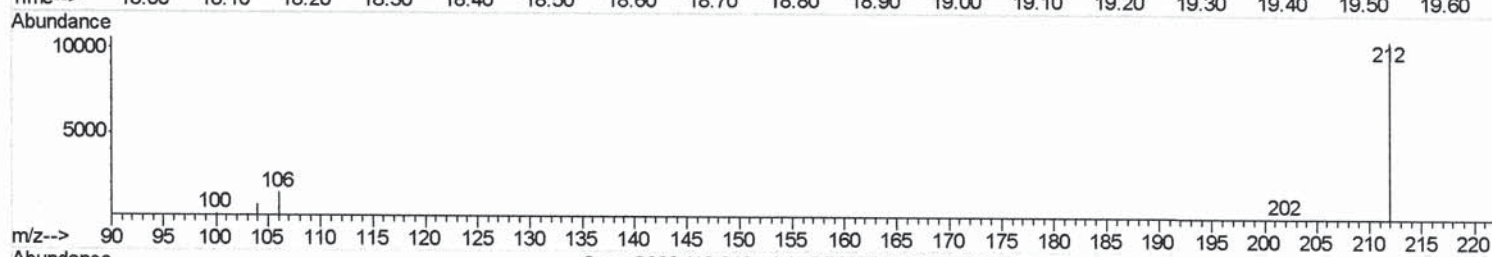
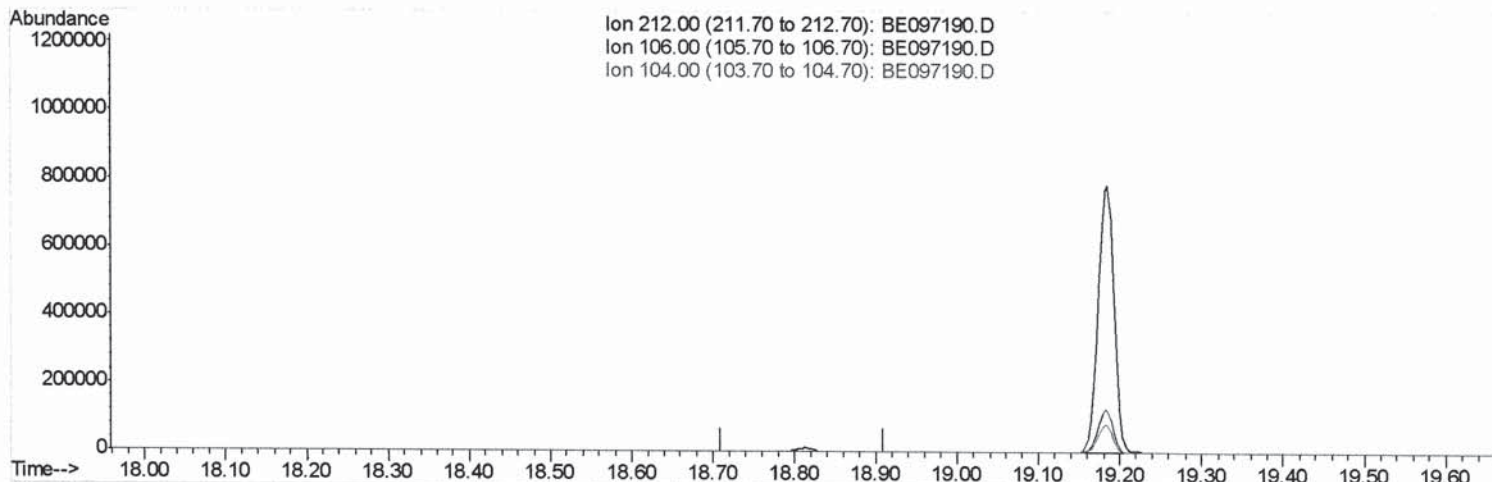
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(14) Fluoranthene-d10 (SURR)

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)

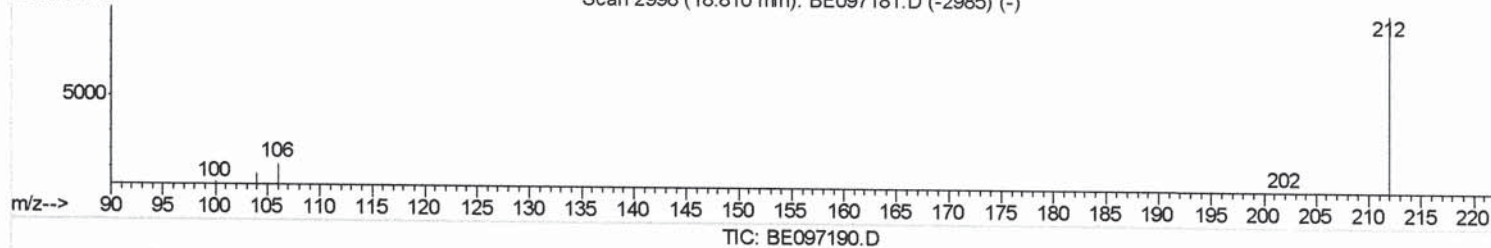
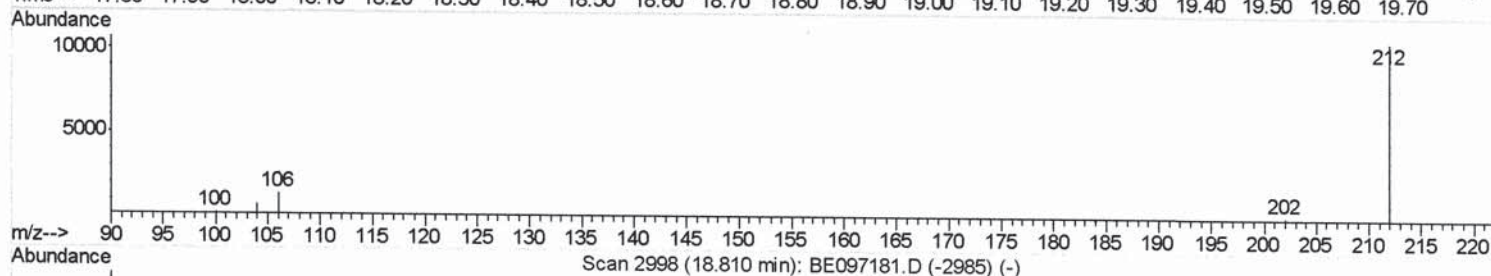
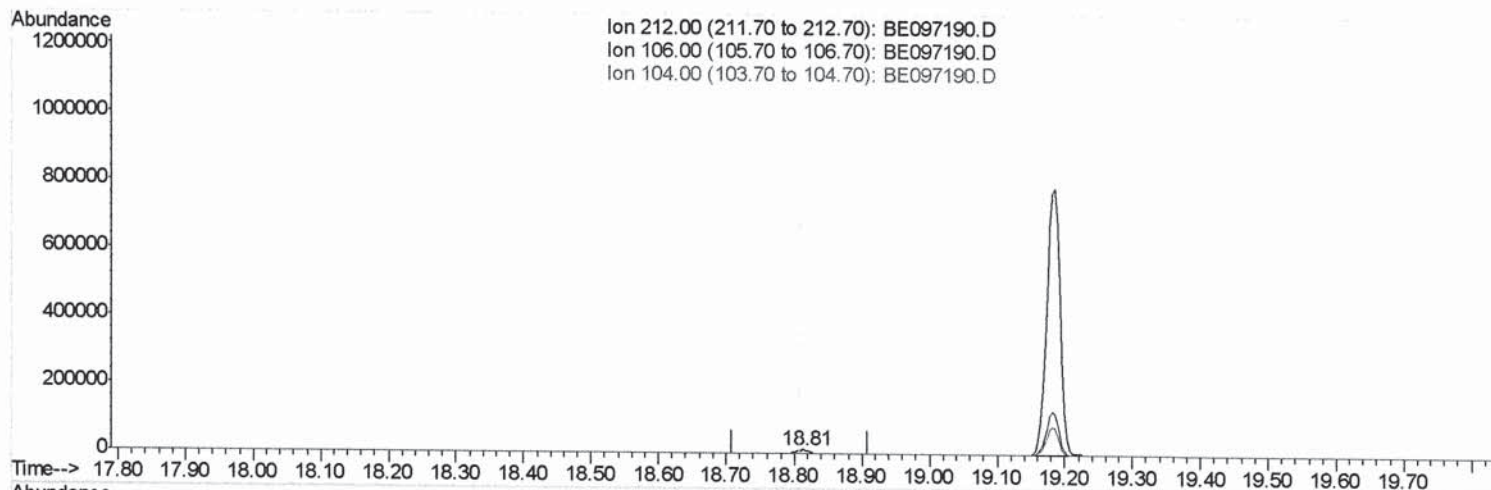
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 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:35 PM

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(14) Fluoranthene-d10 (SURR)

18.815min (+0.005) 0.35ng/ul m

SJ 8/7/18

response 13453

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)

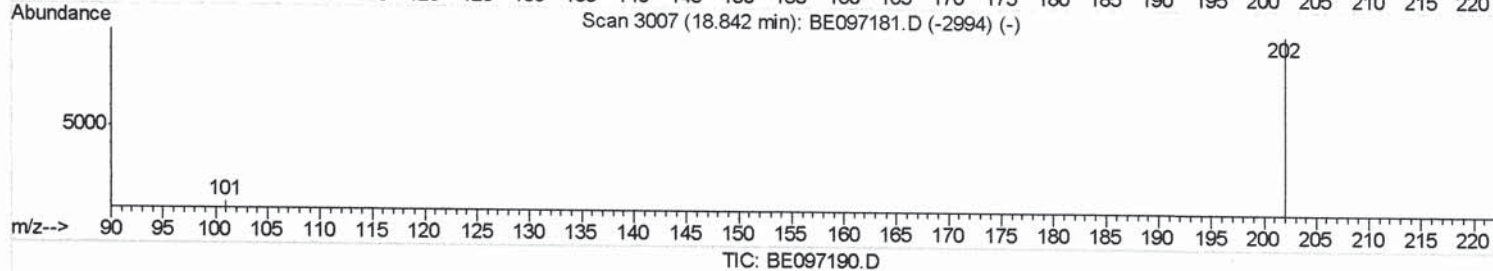
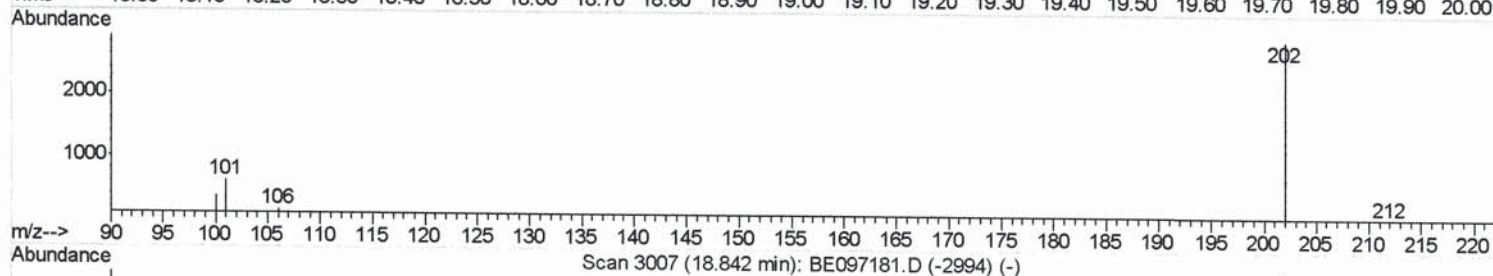
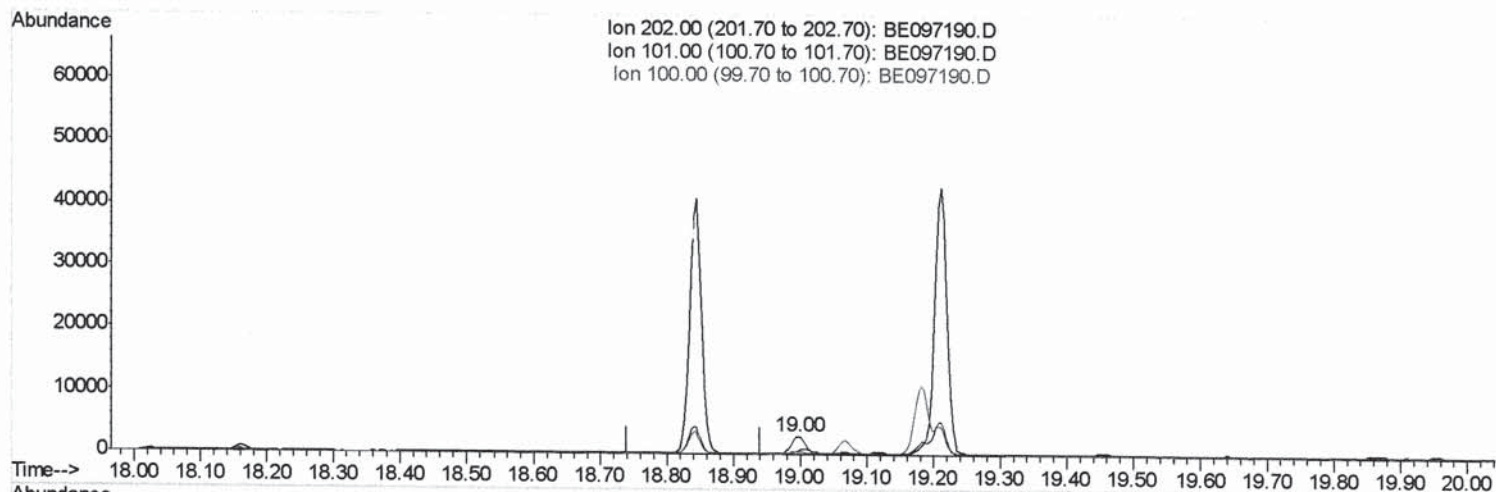
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Instrument :
BNA_E
ClientSampleId :
JJ1L4

Manual Integrations
APPROVED

Sohil
8/6/2018 4:32:35 PM

Quant Time: Aug 04 00:26:36 2018
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(15) Fluoranthene (C)

18.997min (+0.154) 0.10ng/ul

response 3699

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	21.18
100.00	19.50	12.81
0.00	0.00	0.00

Quantitation Report (Qedit)

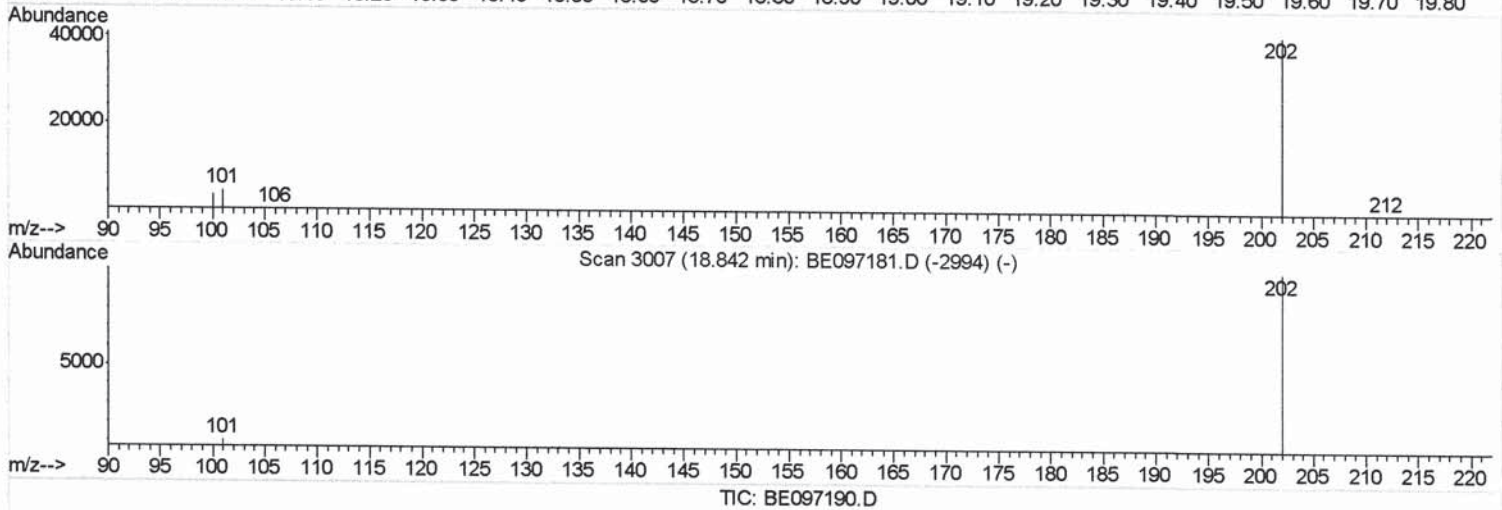
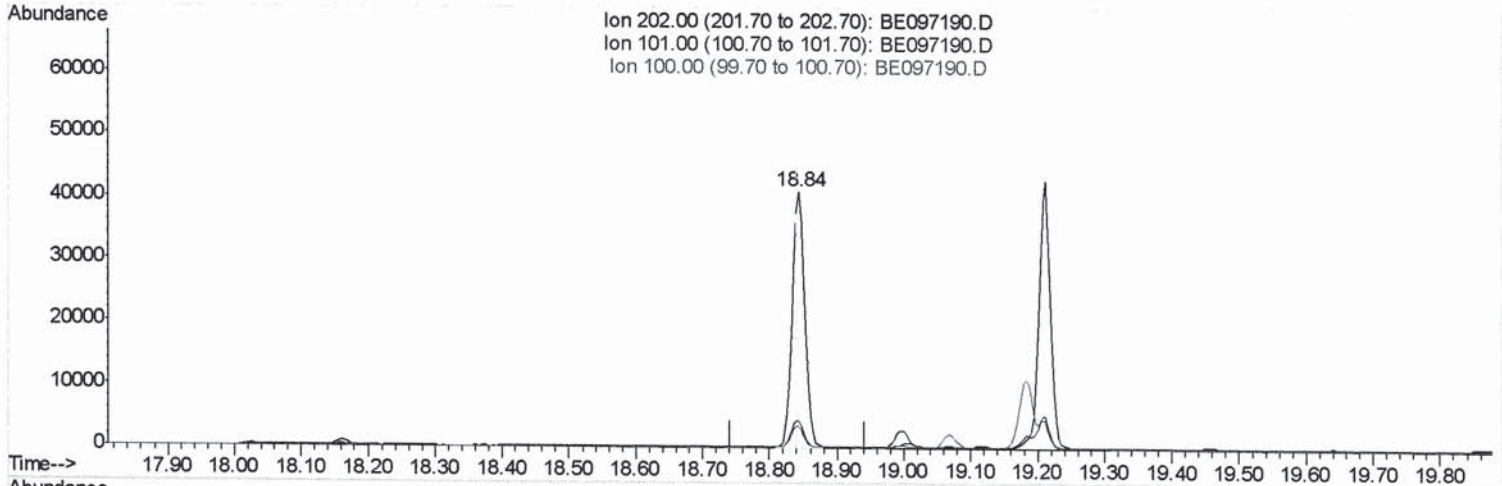
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Manual Integrations
 APPROVED

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(15) Fluoranthene (C)

18.843min (+0.001) 1.42ng/ul m

response 53108

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	10.66
100.00	19.50	8.42
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (Qedit)

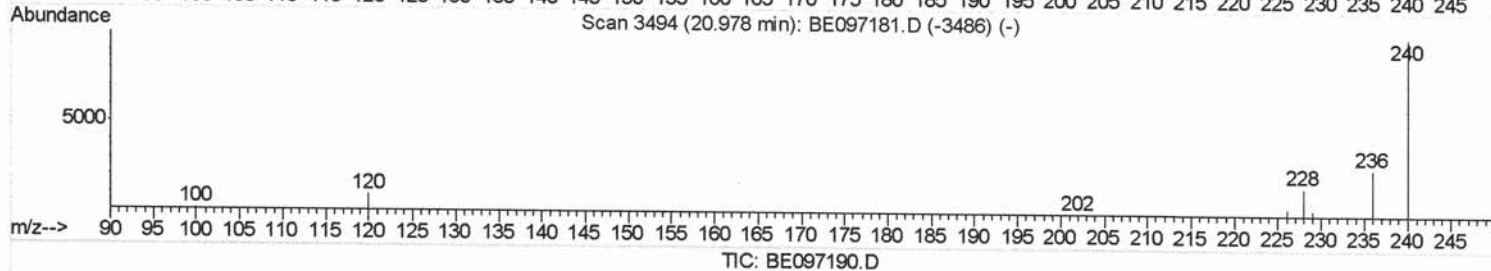
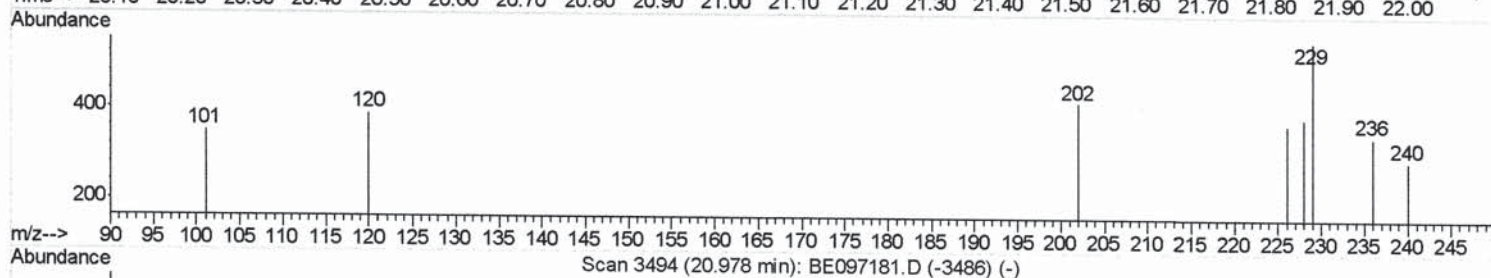
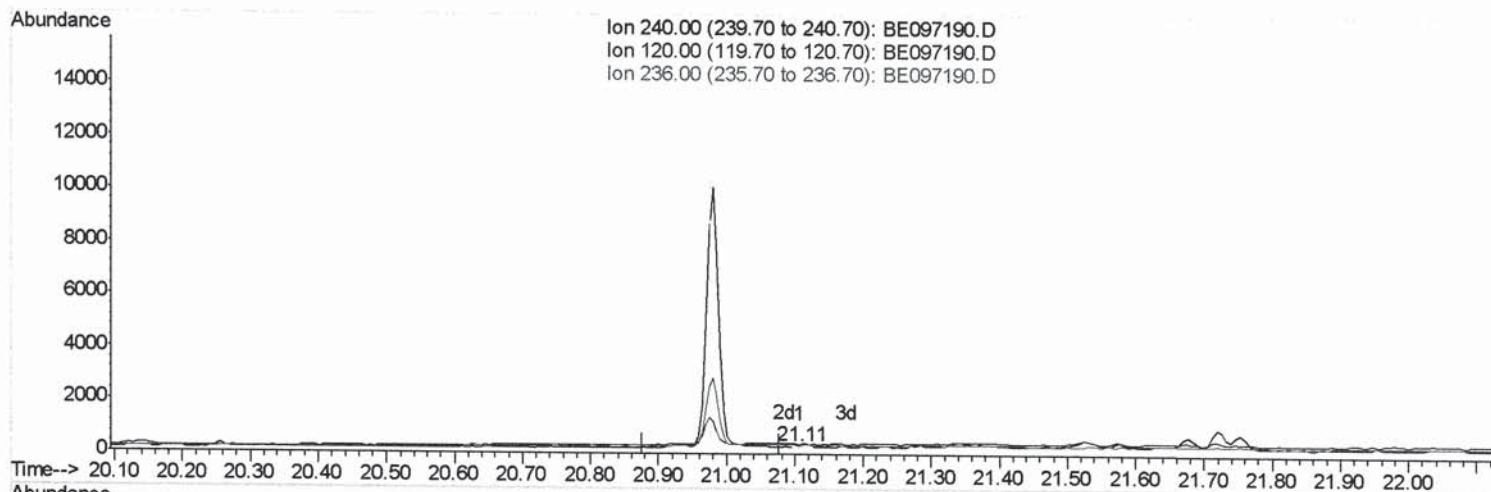
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(16) Chrysene-d12 (I)

21.106min (+0.129) 0.40ng/ul

response 23

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	132.99#
236.00	34.90	118.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

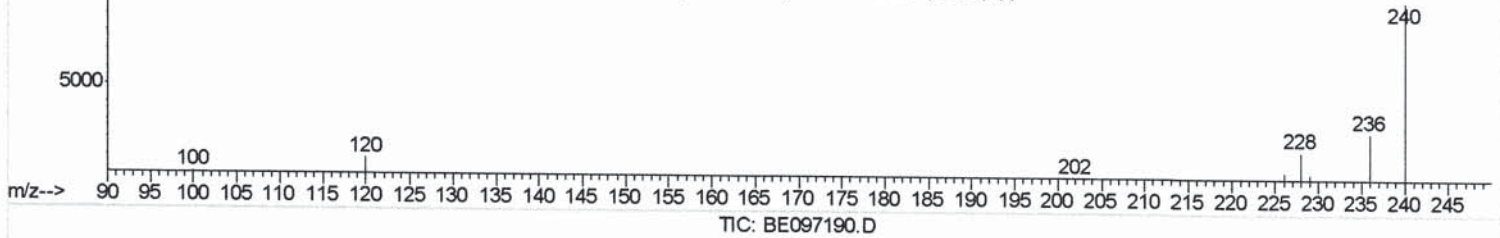
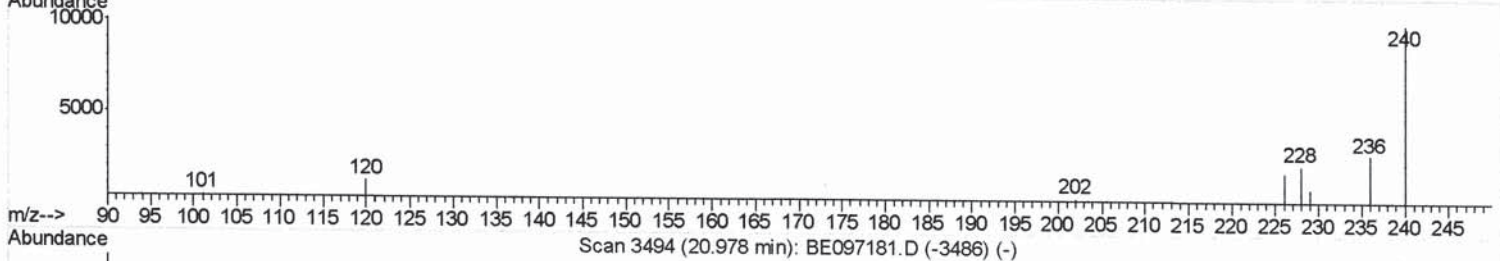
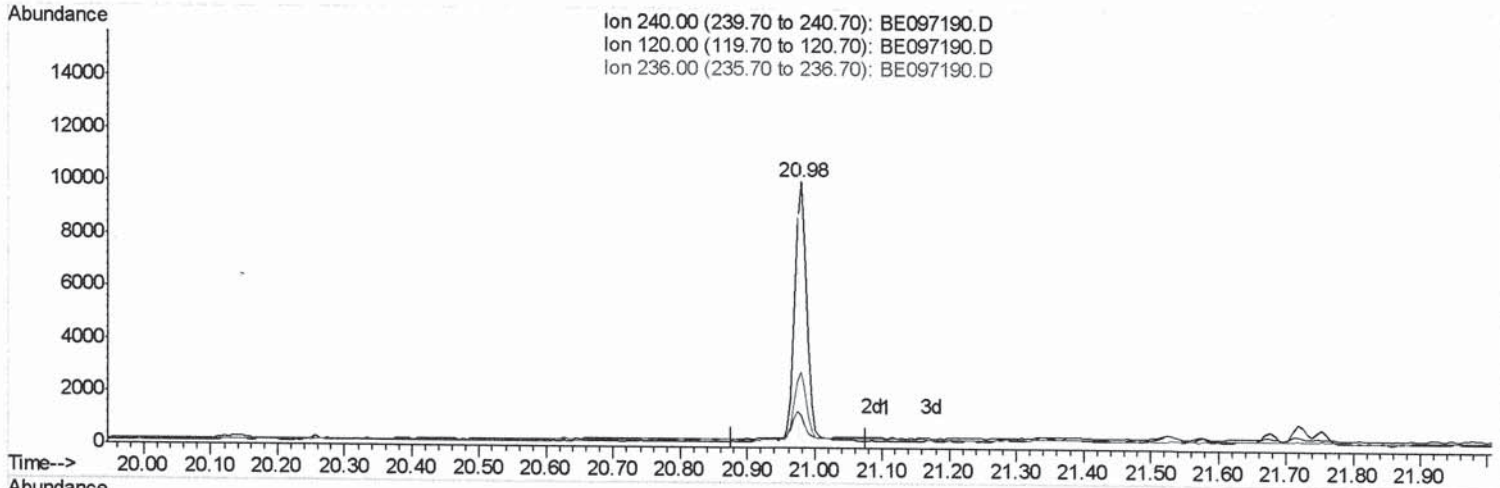
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(16) Chrysene-d12 (I)

20.979min (+0.001) 0.40ng/ul m

SJ 8/7/18

response 11952

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	12.13#
236.00	34.90	28.82
0.00	0.00	0.00

Quantitation Report (Qedit)

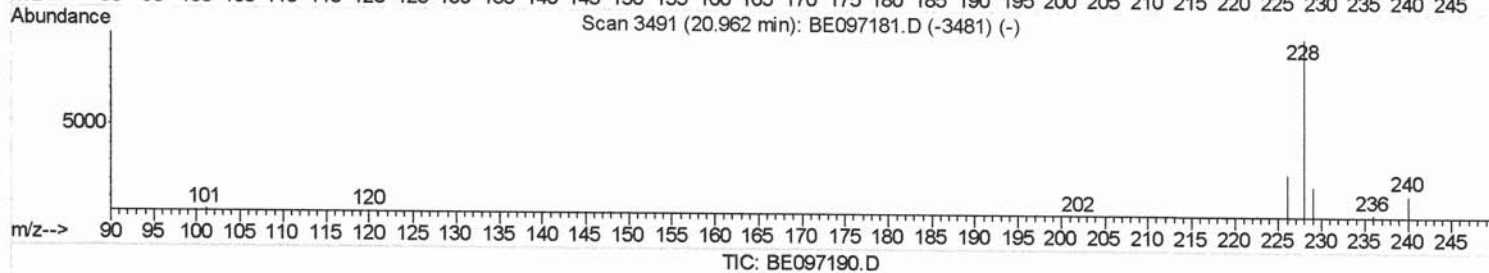
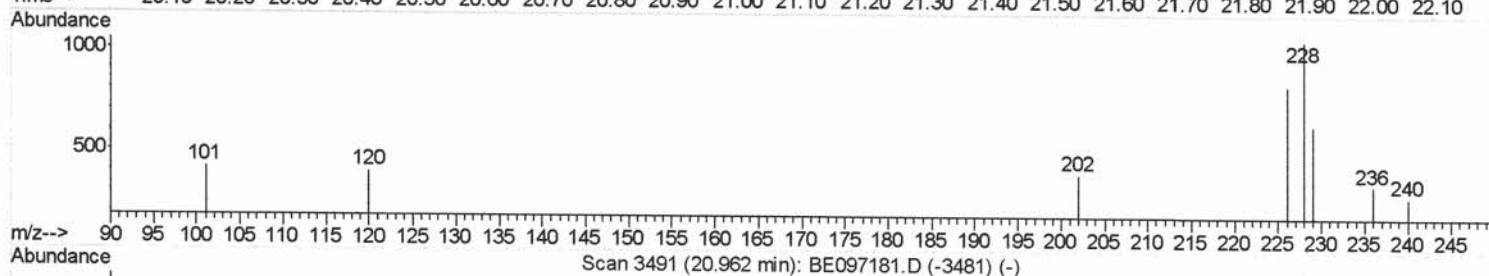
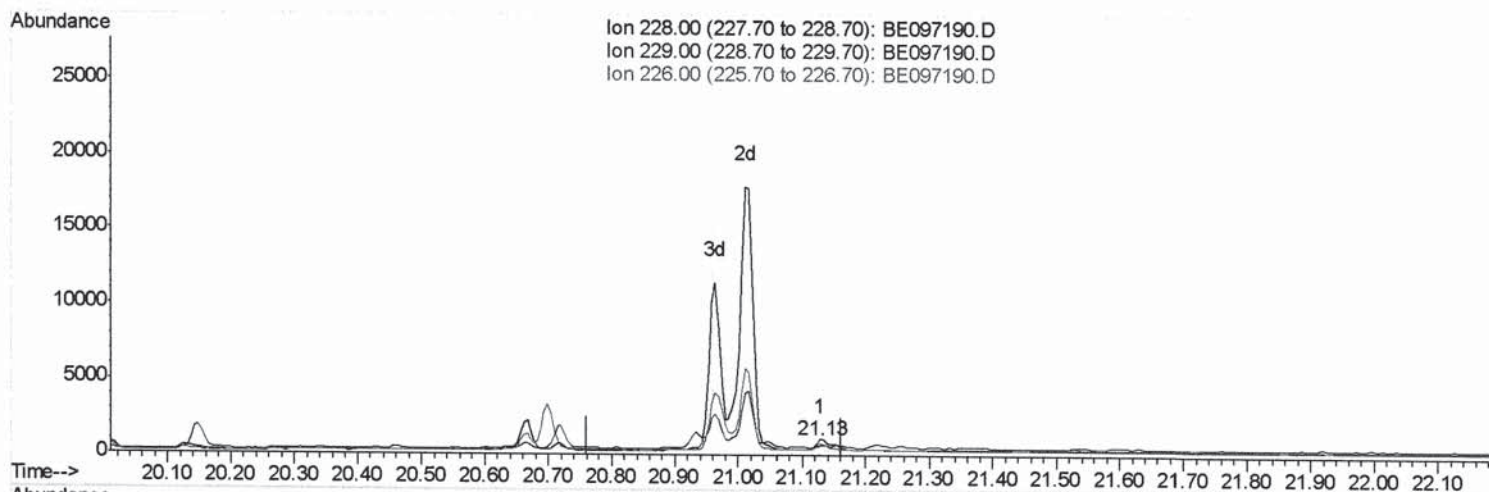
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Manual Integrations
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(18) Benzo(a)anthracene

21.128min (+0.166) 0.04ng/ul

response 1328

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	60.10#
226.00	21.30	79.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

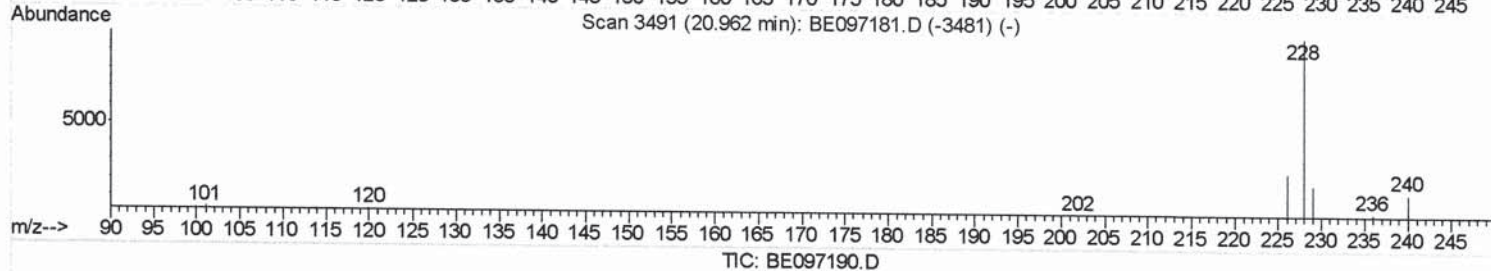
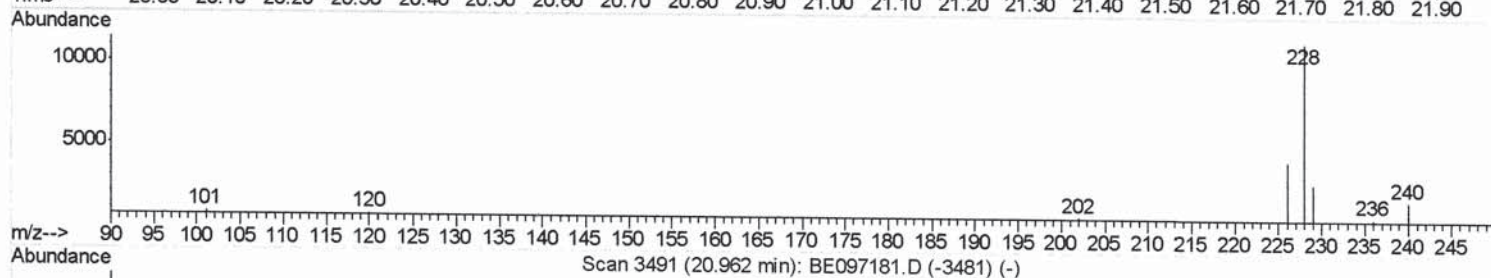
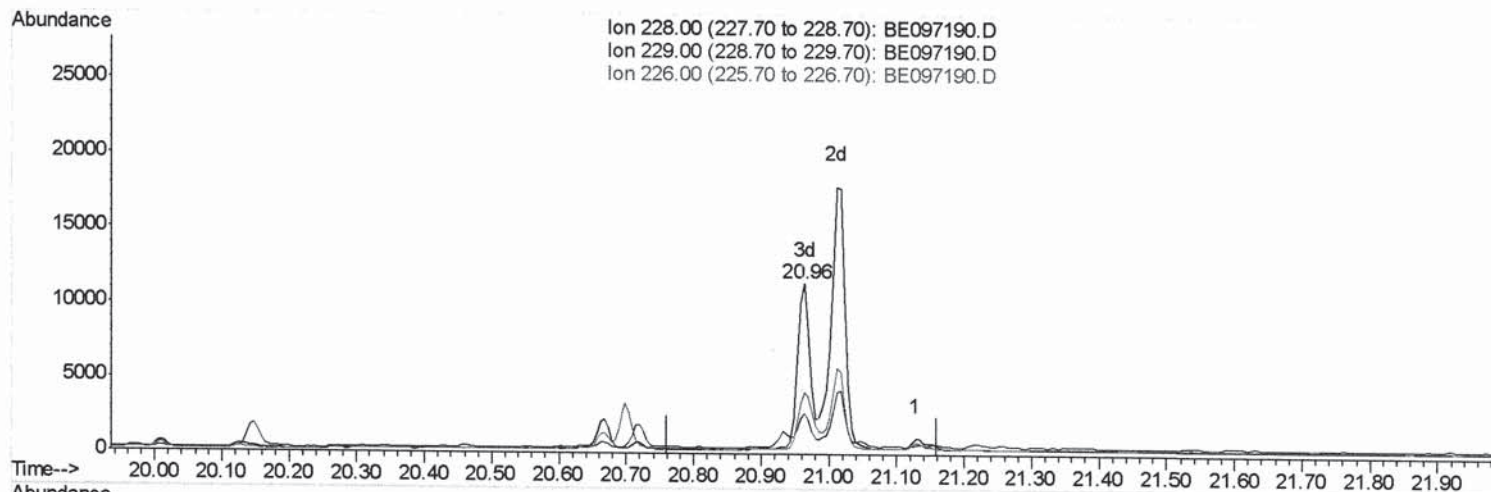
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(18) Benzo(a)anthracene

20.963min (+0.001) 0.42ng/ul m

SJ 8/7/18

response 14366

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	24.43
226.00	21.30	36.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

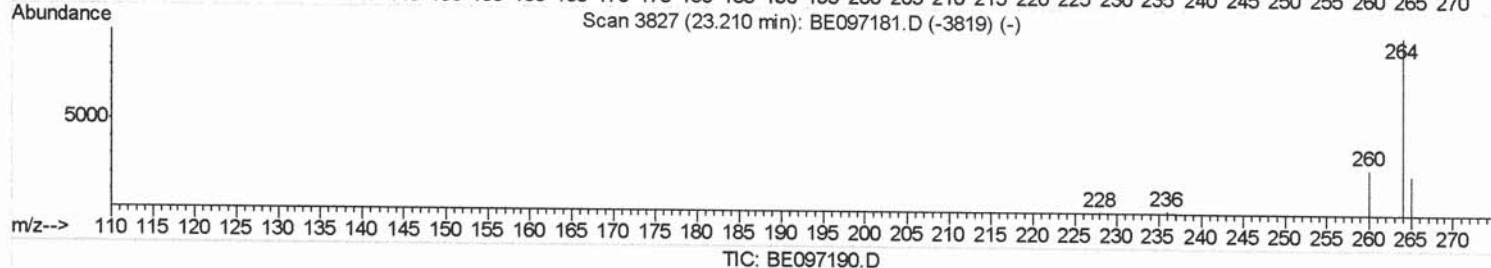
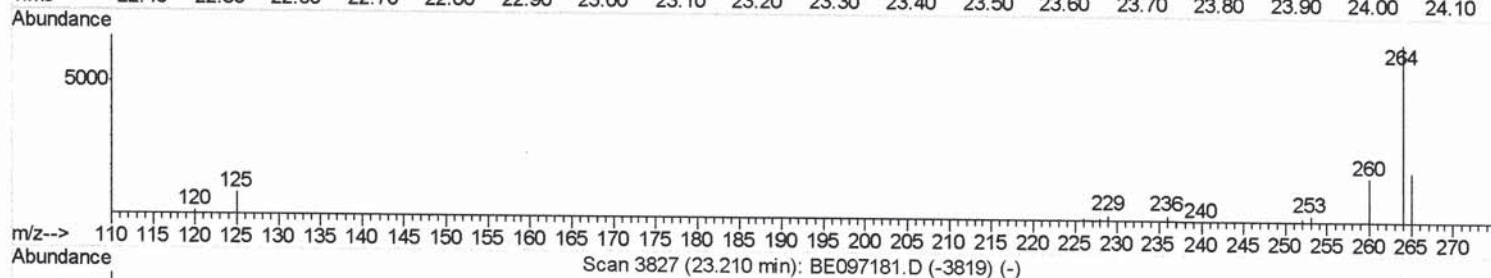
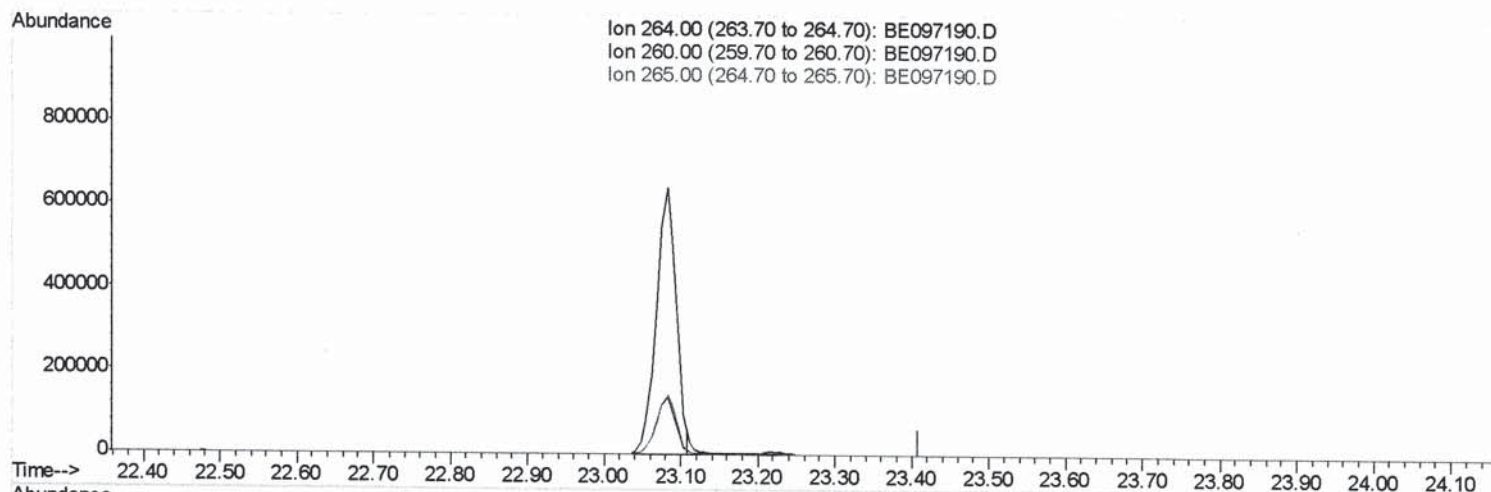
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
Data File : BE097190.D
Acq On : 3 Aug 2018 21:47
Operator : SJ/JU
Sample : J4171-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1L4

Manual Integrations
APPROVED

Sohil
8/6/2018 4:32:35 PM

Quant Time: Aug 04 00:28:02 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)

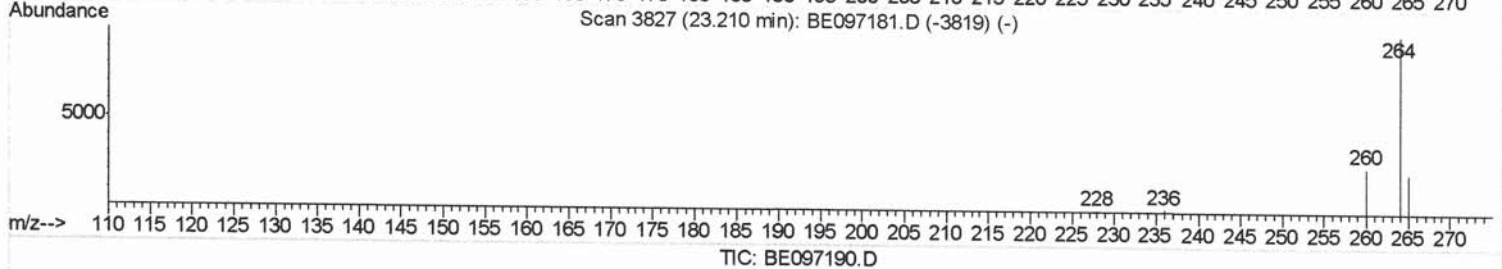
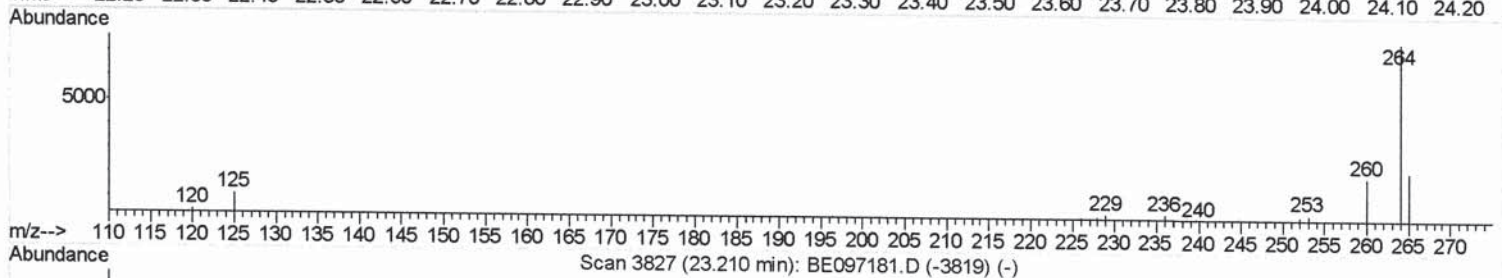
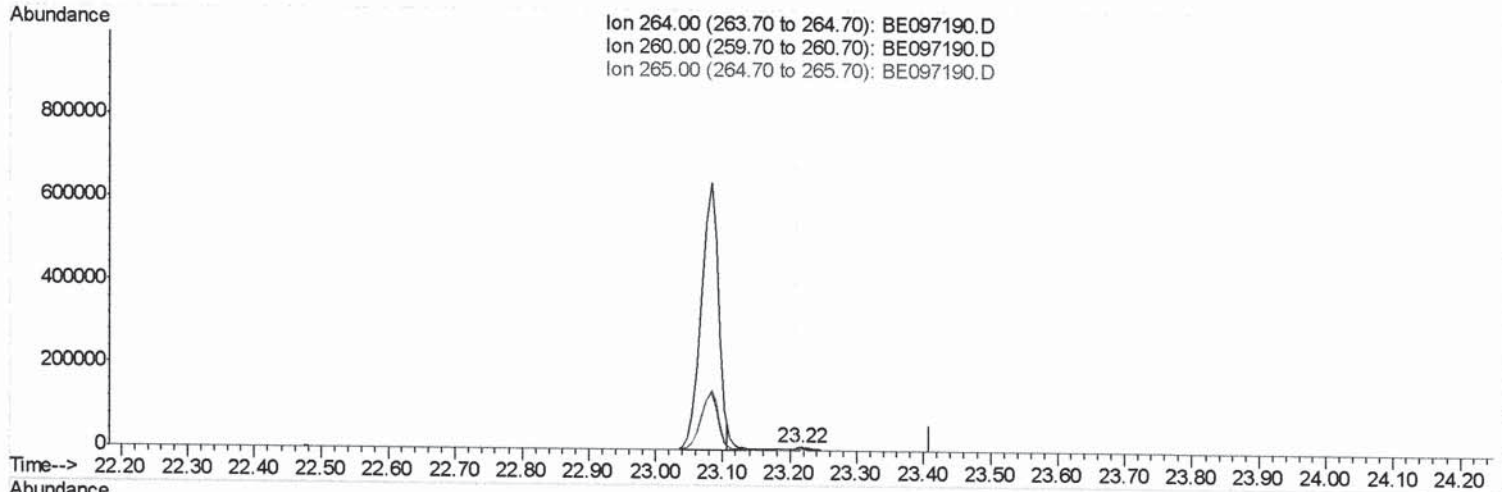
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097190.D
 Acq On : 3 Aug 2018 21:47
 Operator : SJ/JU
 Sample : J4171-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L4

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:35 PM

Quant Time: Aug 04 00:28:02 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)

23.216min (+0.006) 0.40ng/ul m

51 8/7/18

response 11198

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	27.04
265.00	103.50	30.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

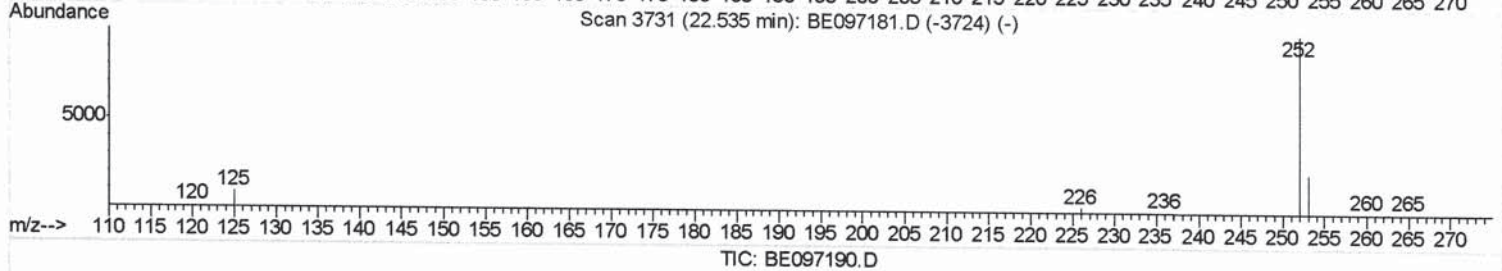
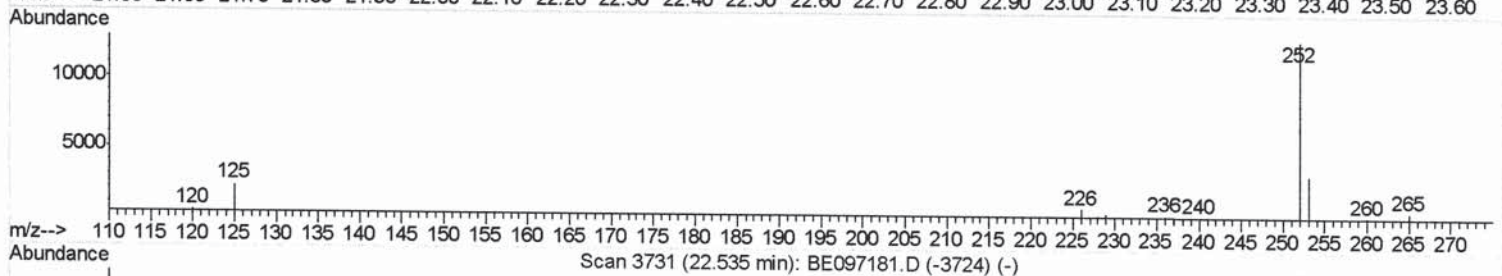
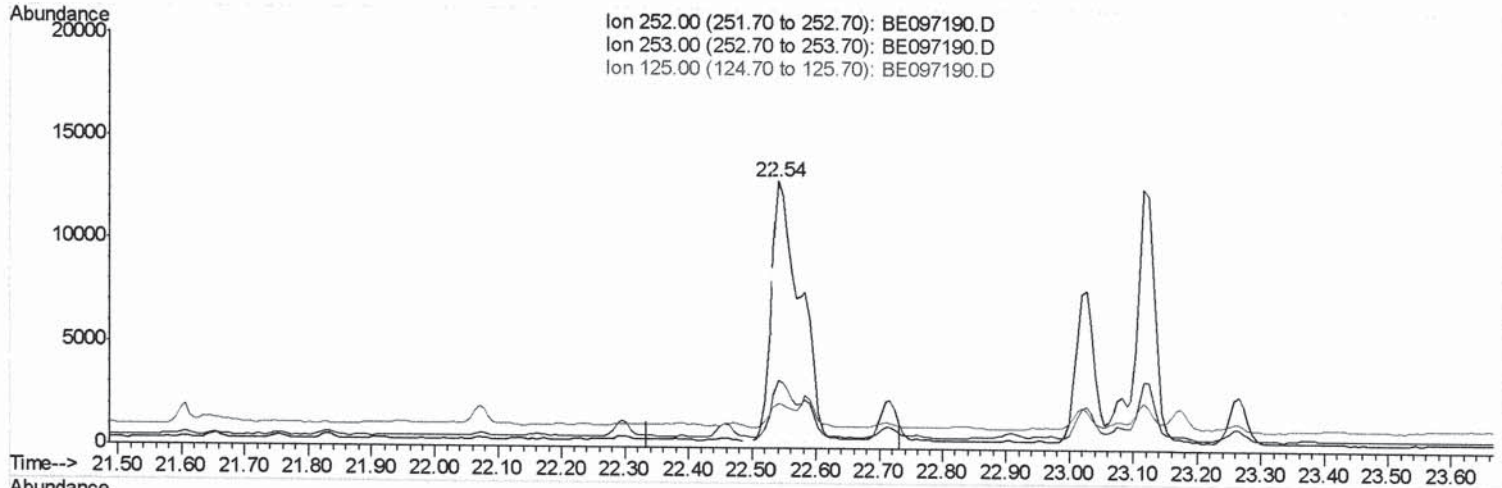
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097190.D
 Acq On : 3 Aug 2018 21:47
 Operator : SJ/JU
 Sample : J4171-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L4

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:35 PM

Quant Time: Aug 04 00:28:46 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
 22.541min (+0.006) 1.28ng/ul
 response 38927

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.60
125.00	17.50	16.89
0.00	0.00	0.00

Quantitation Report (Qedit)

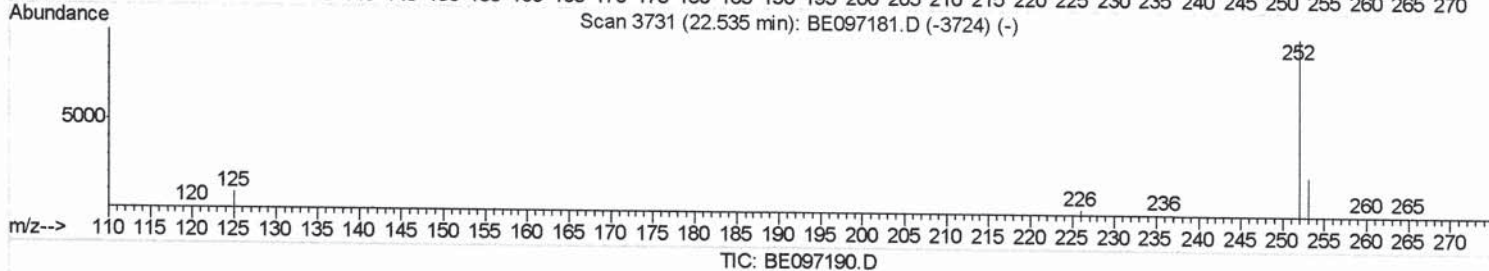
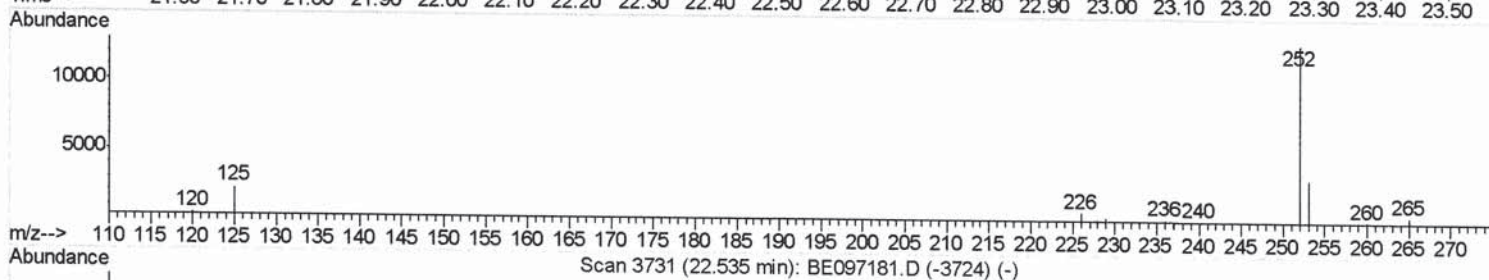
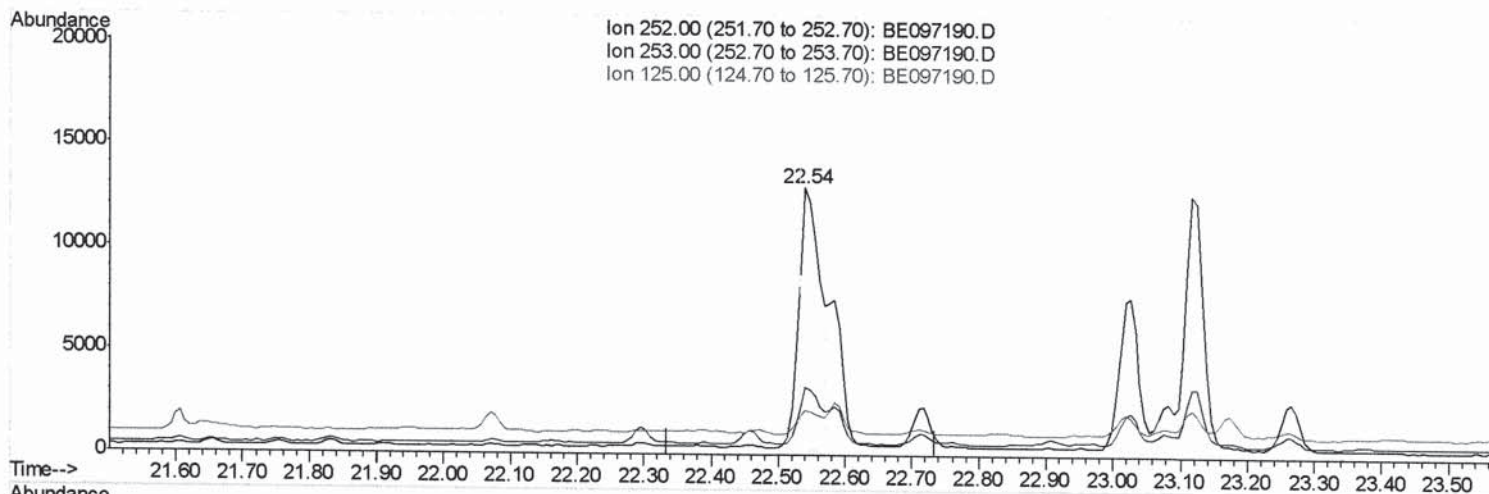
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
Data File : BE097190.D
Acq On : 3 Aug 2018 21:47
Operator : SJ/JU
Sample : J4171-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1L4

Manual Integrations
APPROVED

Sohil
8/6/2018 4:32:35 PM

Quant Time: Aug 04 00:28:46 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

22.541min (+0.006) 0.94ng/ul m

SJ 8/7/18

response 28558

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.60
125.00	17.50	16.89
0.00	0.00	0.00

Quantitation Report (Qedit)

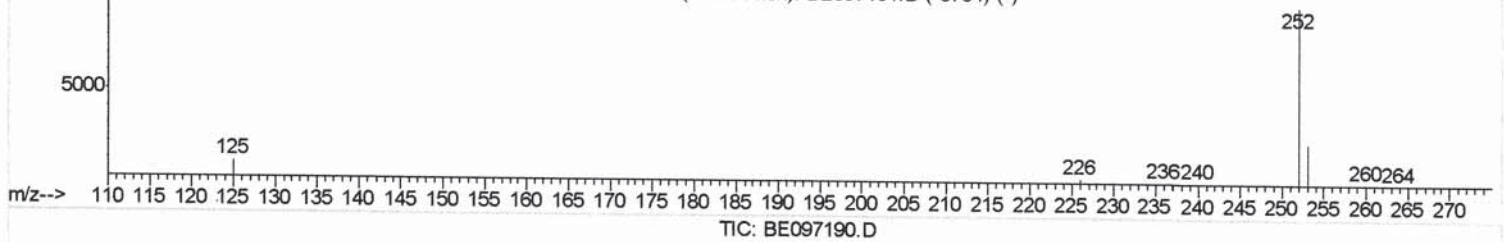
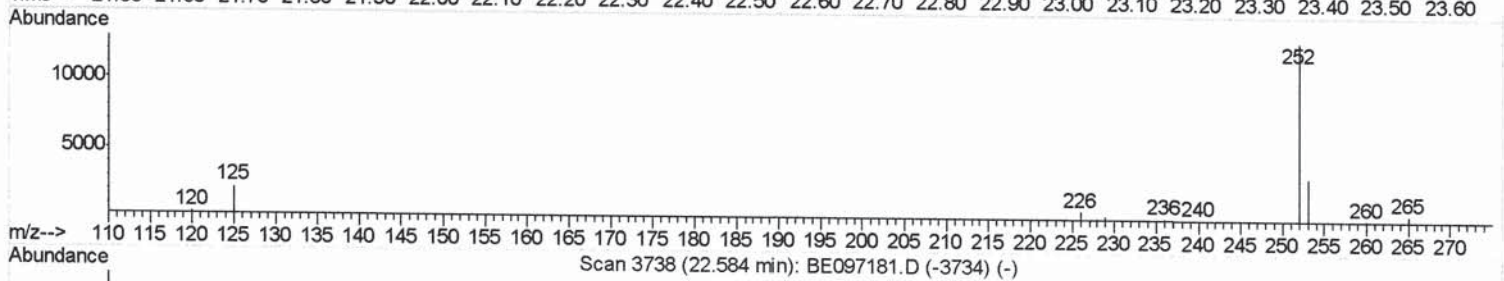
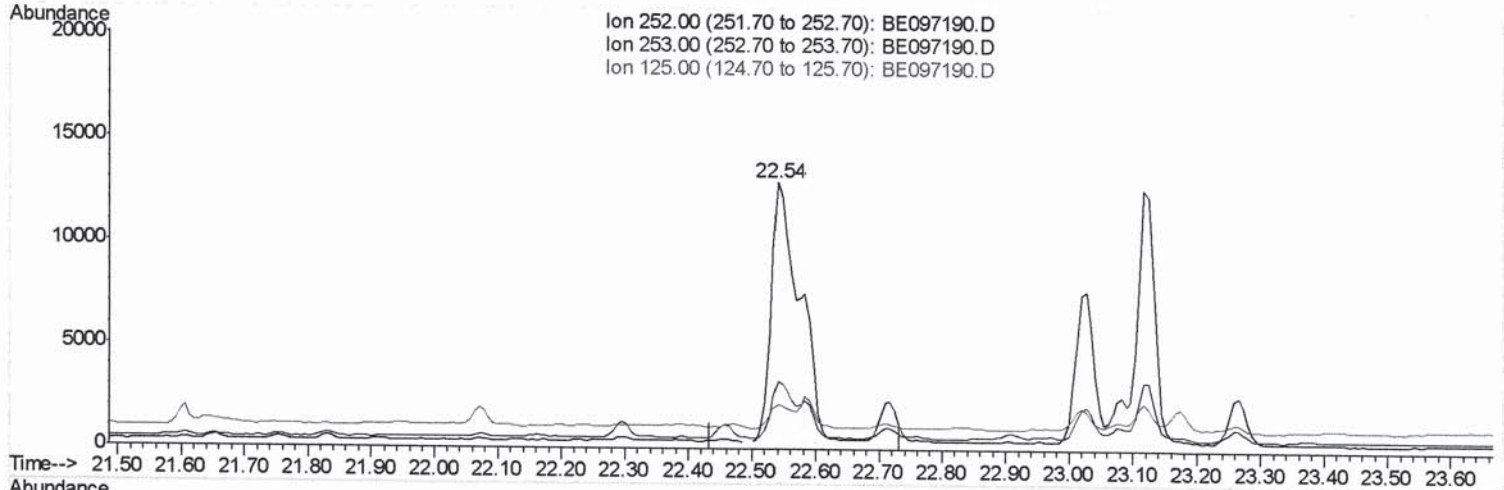
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097190.D
 Acq On : 3 Aug 2018 21:47
 Operator : SJ/JU
 Sample : J4171-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L4

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:35 PM

Quant Time: Aug 04 00:28:46 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



(22) Benzo(k)fluoranthene
 22.541min (-0.043) 1.18ng/ul
 response 38927

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.60
125.00	17.10	16.89
0.00	0.00	0.00

Quantitation Report (Qedit)

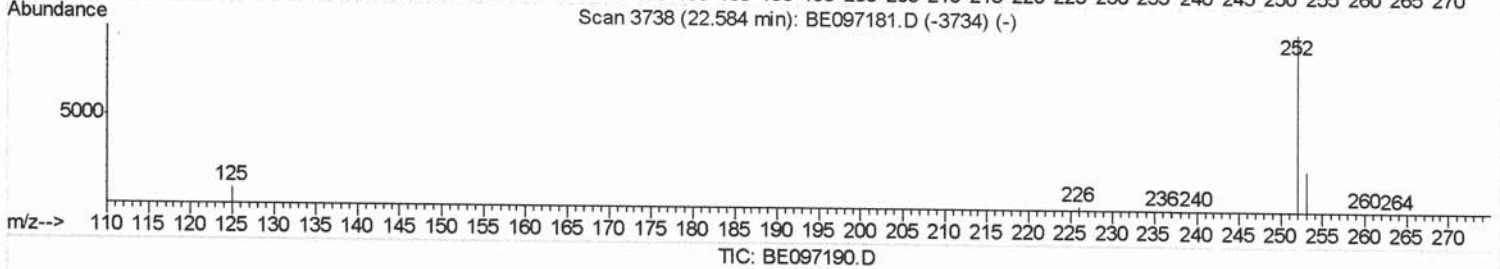
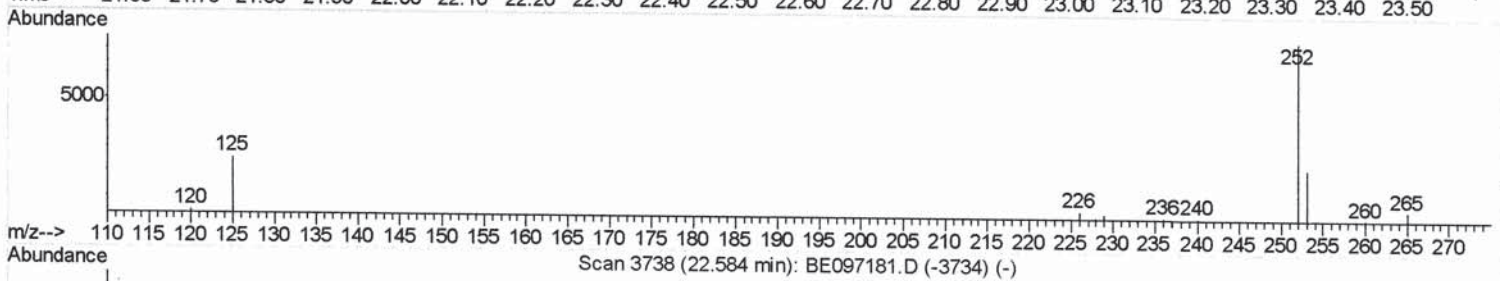
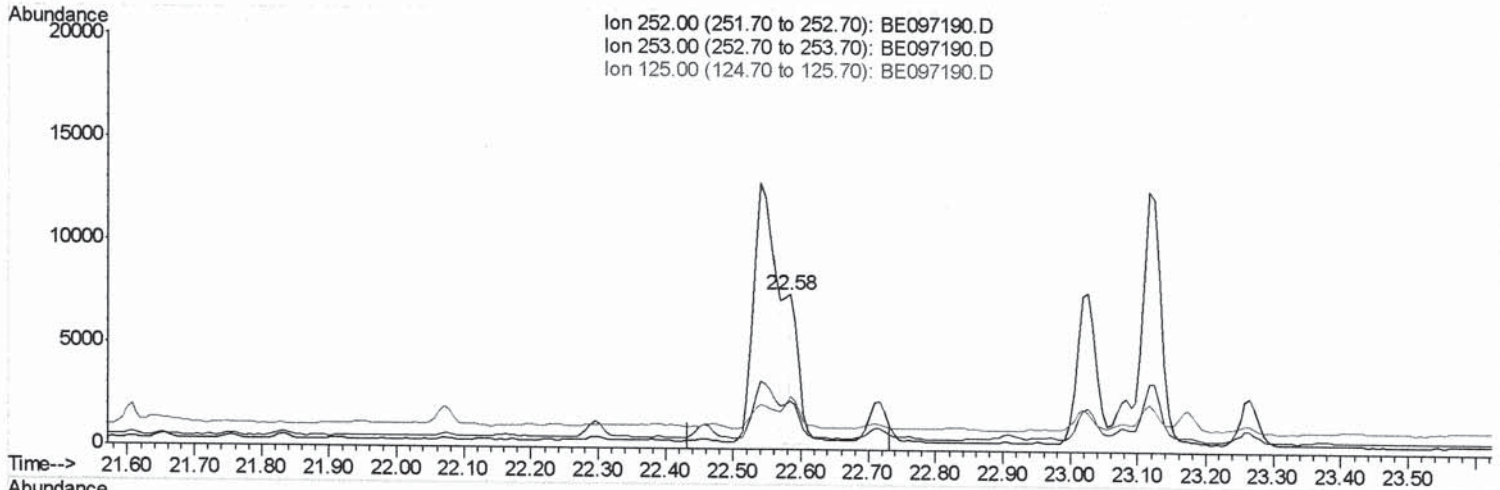
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
Data File : BE097190.D
Acq On : 3 Aug 2018 21:47
Operator : SJ/JU
Sample : J4171-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1L4

Manual Integrations
APPROVED

Sohil
8/6/2018 4:32:35 PM

Quant Time: Aug 04 00:28:46 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



(22) Benzo(k)fluoranthene

22.583min (-0.001) 0.33ng/ul m

response 11000

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	31.37
125.00	17.10	34.39#
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (Qedit)

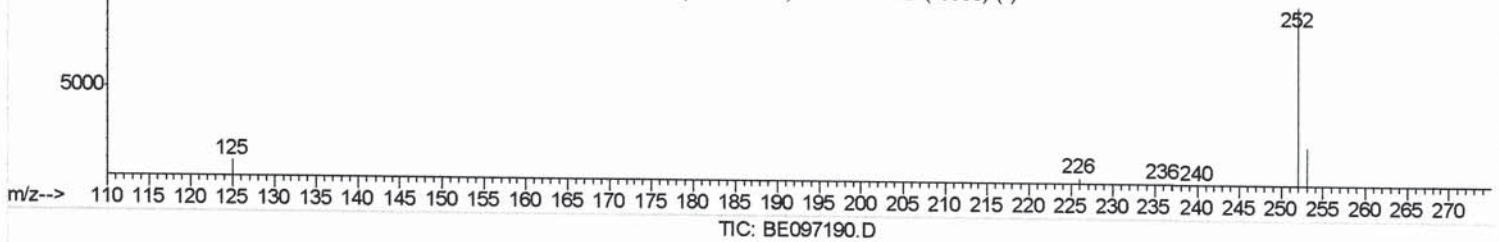
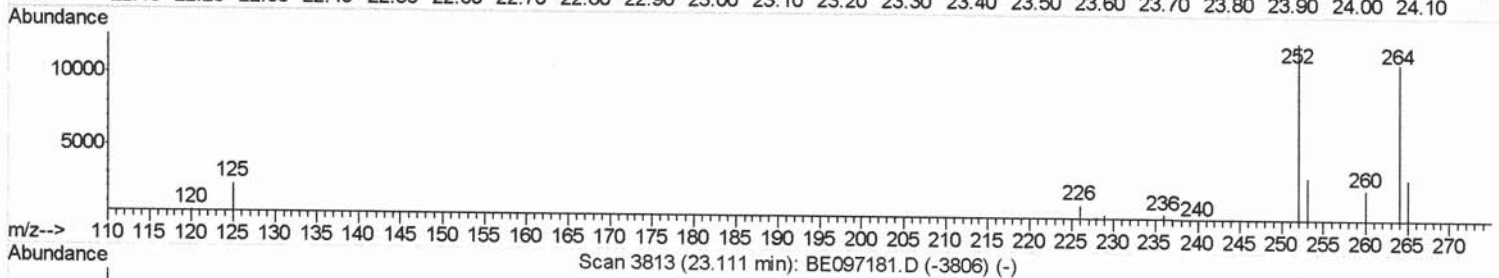
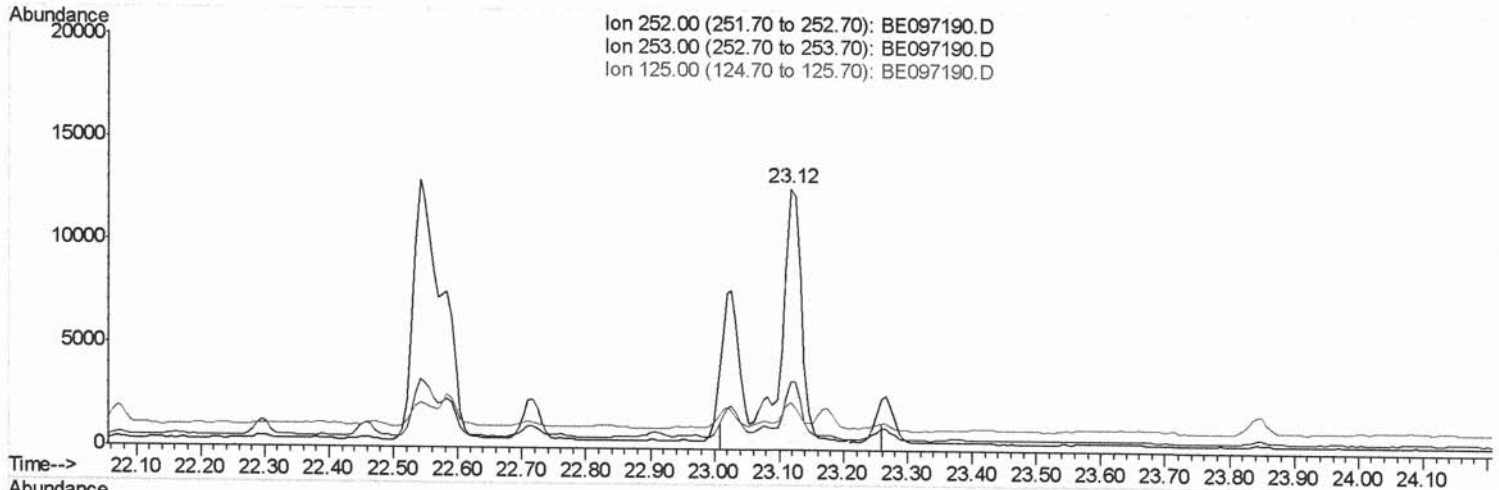
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
Data File : BE097190.D
Acq On : 3 Aug 2018 21:47
Operator : SJ/JU
Sample : J4171-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1L4

Manual Integrations
APPROVED

Sohil
8/6/2018 4:32:35 PM

Quant Time: Aug 04 00:28:46 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



(23) Benzo(a)pyrene (C)

23.117min (+0.006) 0.85ng/ul

response 25876

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	26.07#
125.00	22.60	17.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

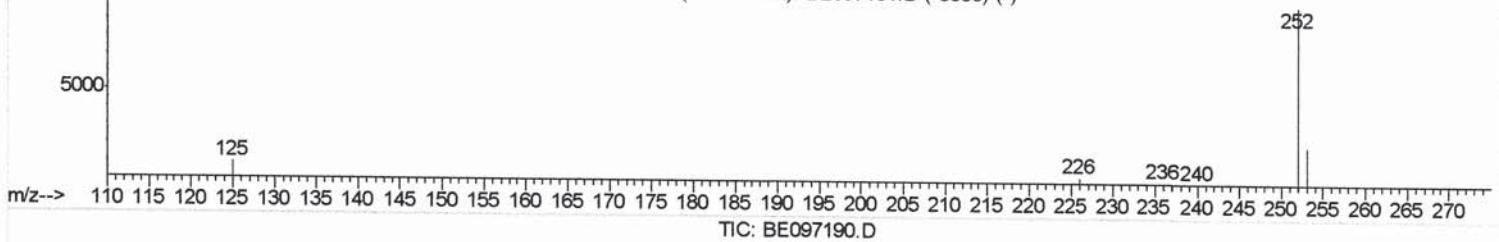
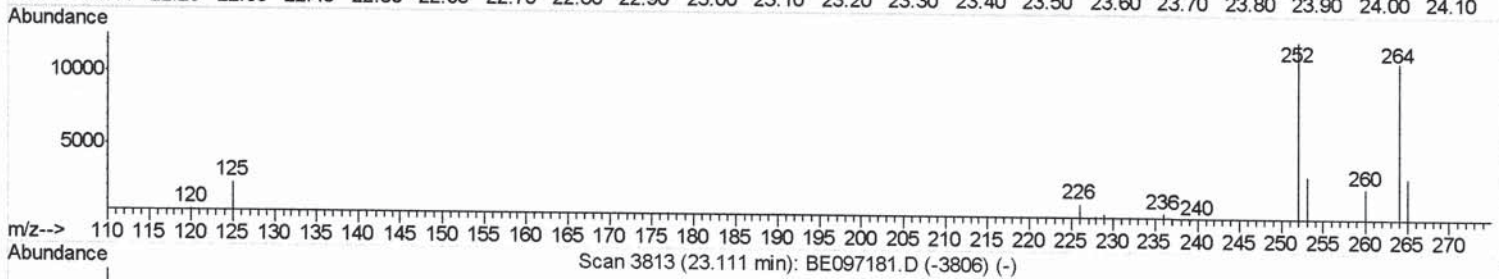
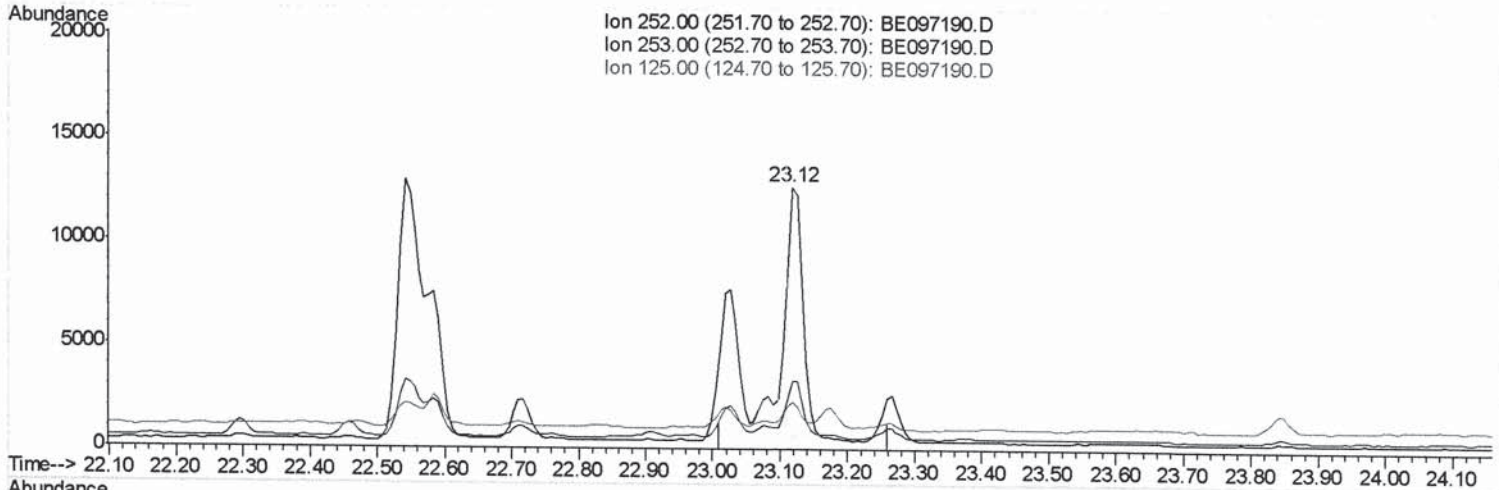
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097190.D
 Acq On : 3 Aug 2018 21:47
 Operator : SJ/JU
 Sample : J4171-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L4

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:35 PM

Quant Time: Aug 04 00:28:46 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



(23) Benzo(a)pyrene (C)

23.117min (+0.006) 0.67ng/ul m

response 20548

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	26.07#
125.00	22.60	17.93#
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097190.D
 Acq On : 3 Aug 2018 21:47
 Operator : SJ/JU
 Sample : J4171-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L4

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:35 PM

Quant Time: Aug 04 00:29:42 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 23:39:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1392	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7447	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4892	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	11132m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	11952m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	11198m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.73	152	4387	0.37	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	13453m	0.35	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.18	128	795	0.044	ng/ul#	83
5) 2-Methylnaphthalene	11.81	142	338	0.028	ng/ul	98
7) Acenaphthylene	13.74	152	2698	0.128	ng/ul	97
9) Fluorene	15.08	166	956	0.054	ng/ul#	90
12) Phenanthrene	16.81	178	37217m	1.311	ng/ul	
13) Anthracene	16.90	178	1656m	0.063	ng/ul	
15) Fluoranthene	18.84	202	53108m	1.416	ng/ul	
17) Pyrene	19.21	202	54572	1.704	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	14366m	0.421	ng/ul	
19) Chrysene	21.01	228	24686	0.701	ng/ul	96
21) Benzo(b)fluoranthene	22.54	252	28558m	0.936	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	11000m	0.334	ng/ul	
23) Benzo(a)pyrene	23.12	252	20548m	0.673	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	16604	0.434	ng/ul#	72
25) Dibenzo(a,h)anthracene	25.53	278	3532	0.113	ng/ul#	62
26) Benzo(a,h,i)perylene	26.21	276	17052	0.516	ng/ul	94

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