

Quantitation Report (QT Reviewed)

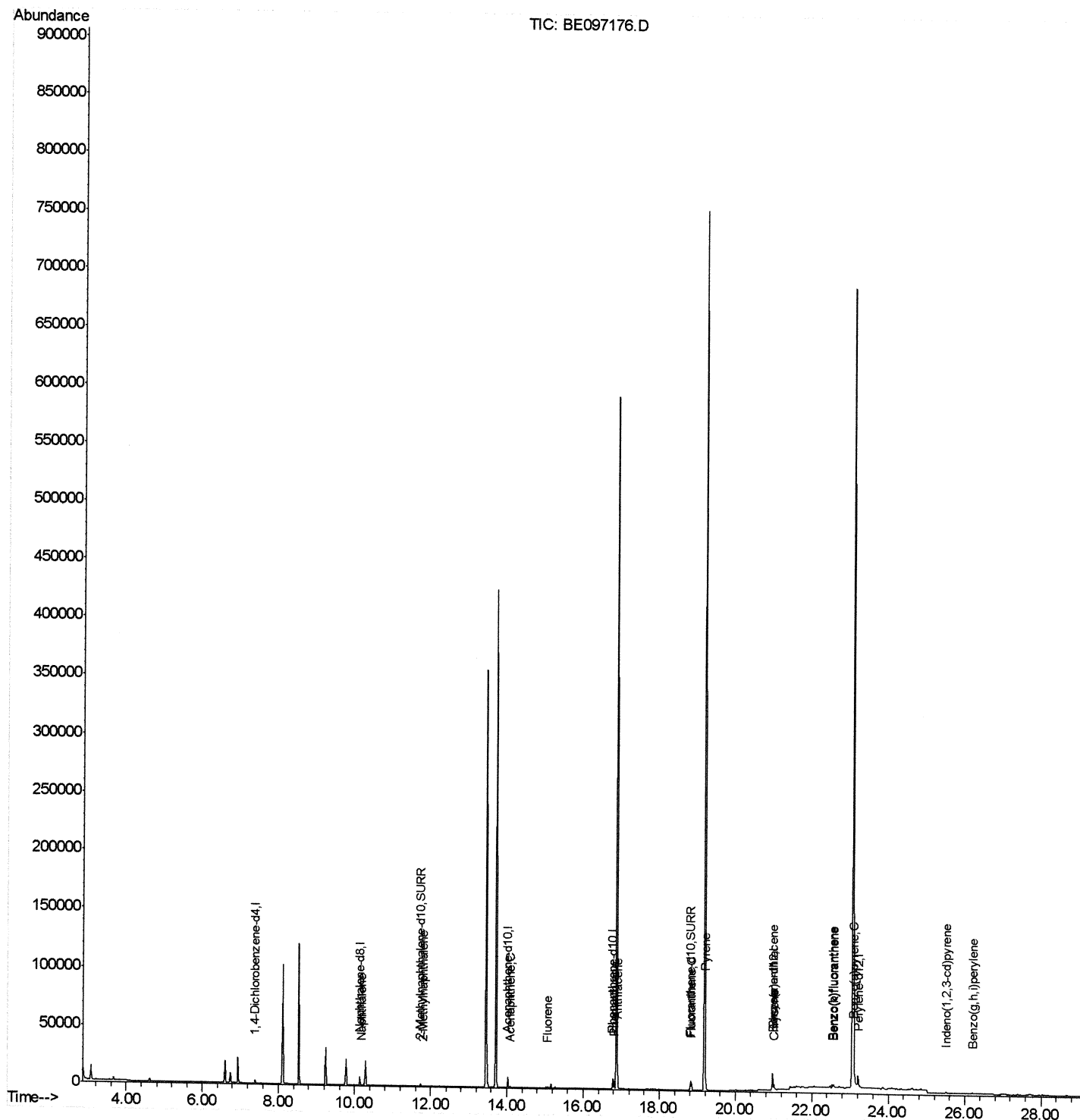
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097176.D
 Acq On : 3 Aug 2018 11:47
 Operator : SJ/JU
 Sample : J4172-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0D00

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:21 PM

Quant Time: Aug 03 15:25:40 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)

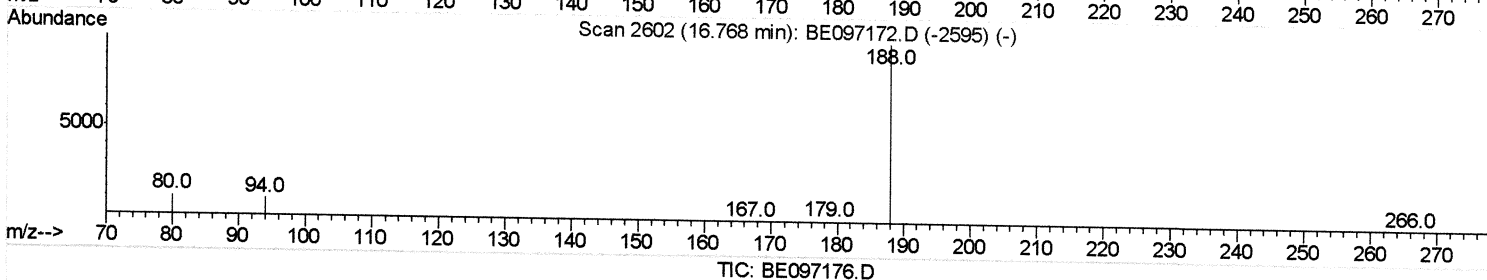
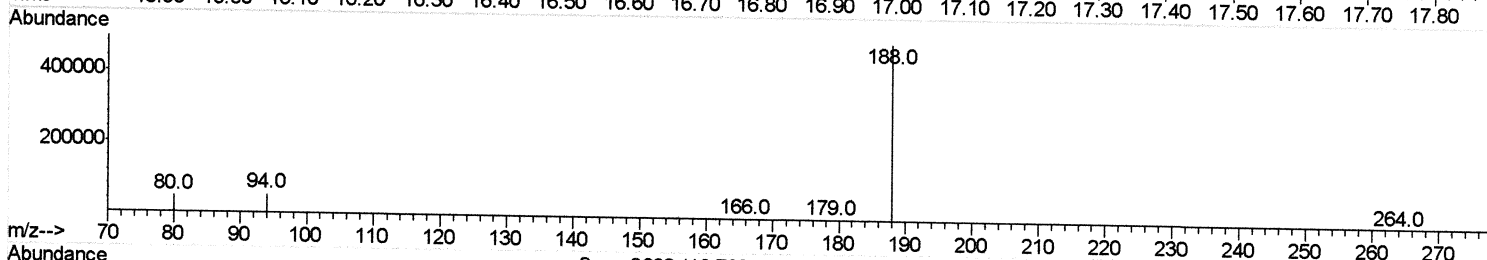
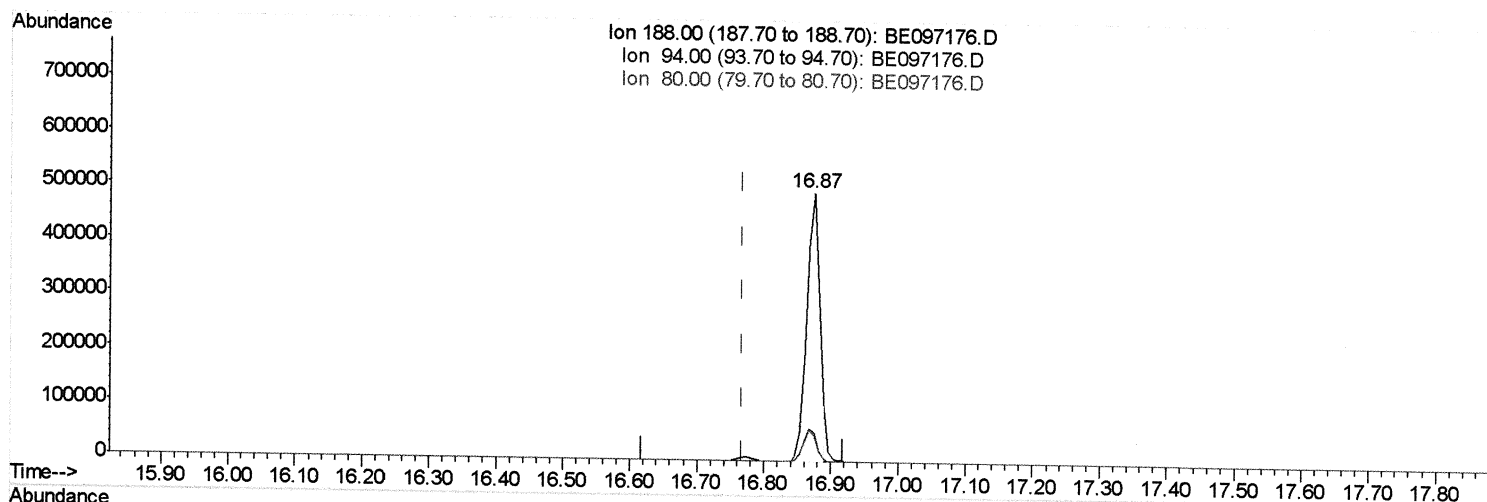
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097176.D
 Acq On : 3 Aug 2018 11:47
 Operator : SJ/JU
 Sample : J4172-02
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 C0D00

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:21 PM

Quant Time: Aug 03 15:06:21 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
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TIC: BE097176.D

(10) Phenanthrene-d10 (I)

16.874min (+0.105) 0.40ng/ul

response 659400

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.52
80.00	11.80	9.47
0.00	0.00	0.00

Quantitation Report (Qedit)

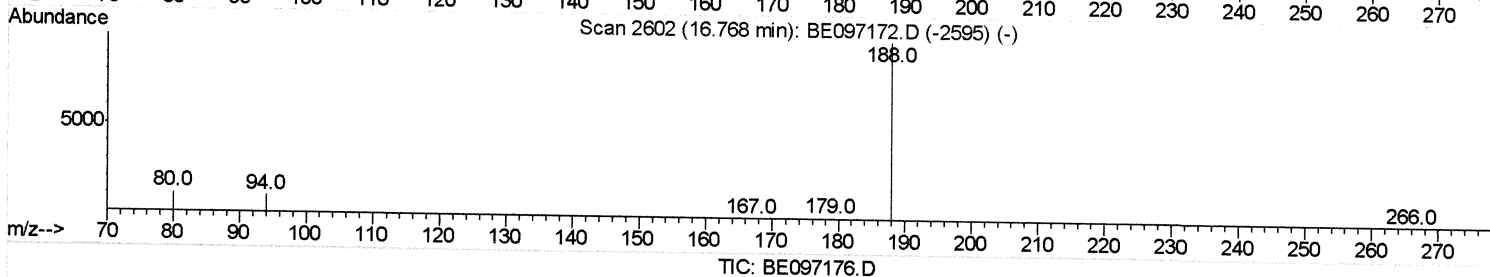
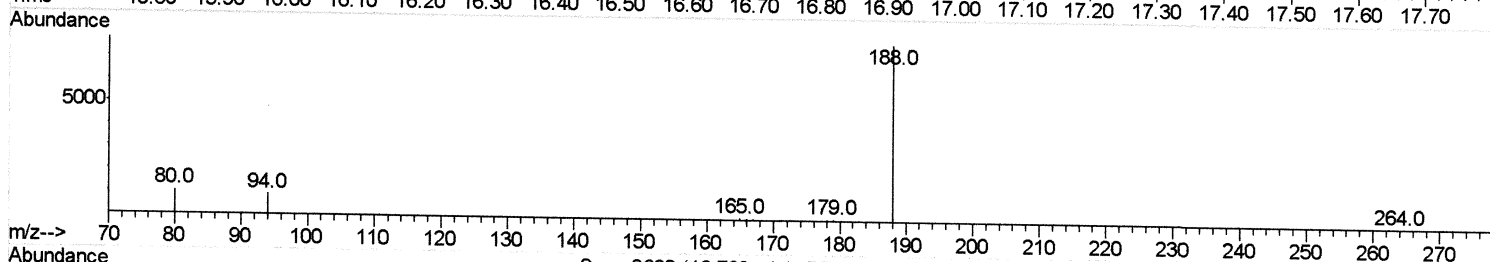
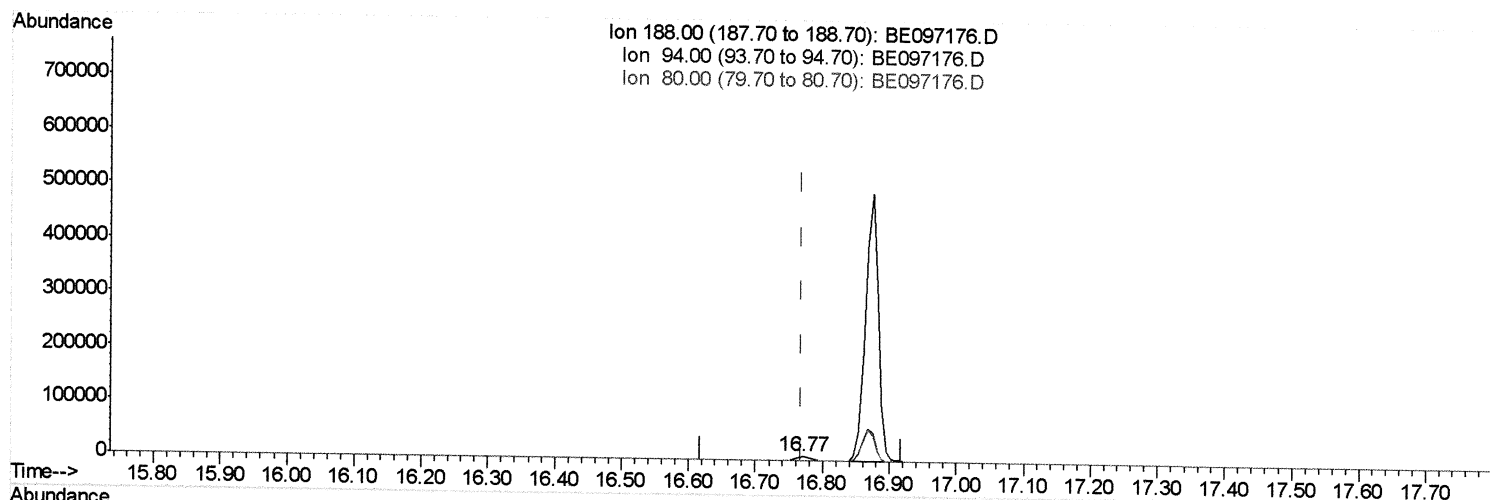
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(10) Phenanthrene-d10 (I)

16.769min (-0.000) 0.40ng/ul m

518/7/18

response 11734

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.14
80.00	11.80	13.63
0.00	0.00	0.00

Quantitation Report (Qedit)

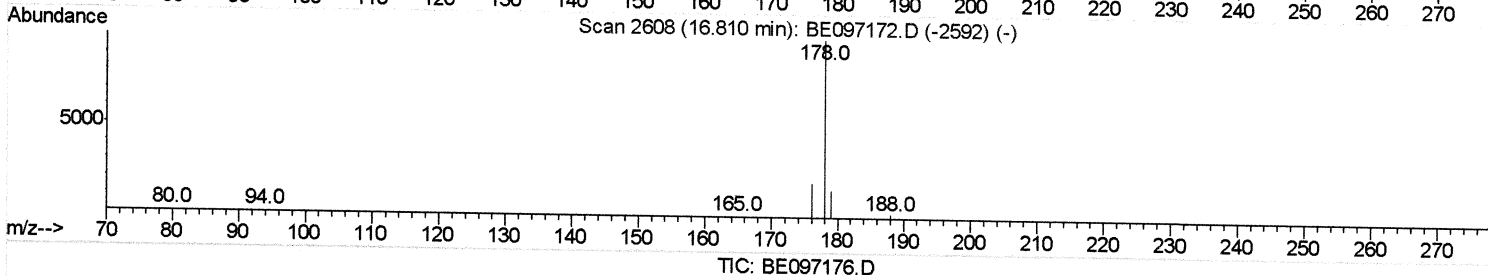
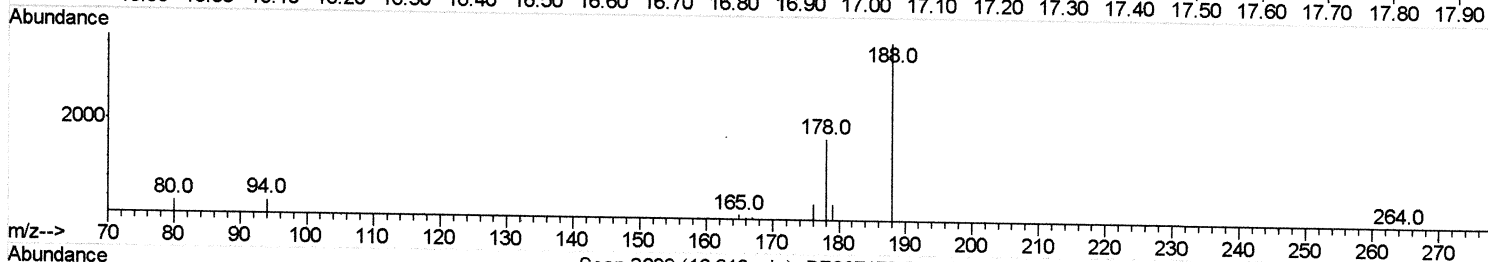
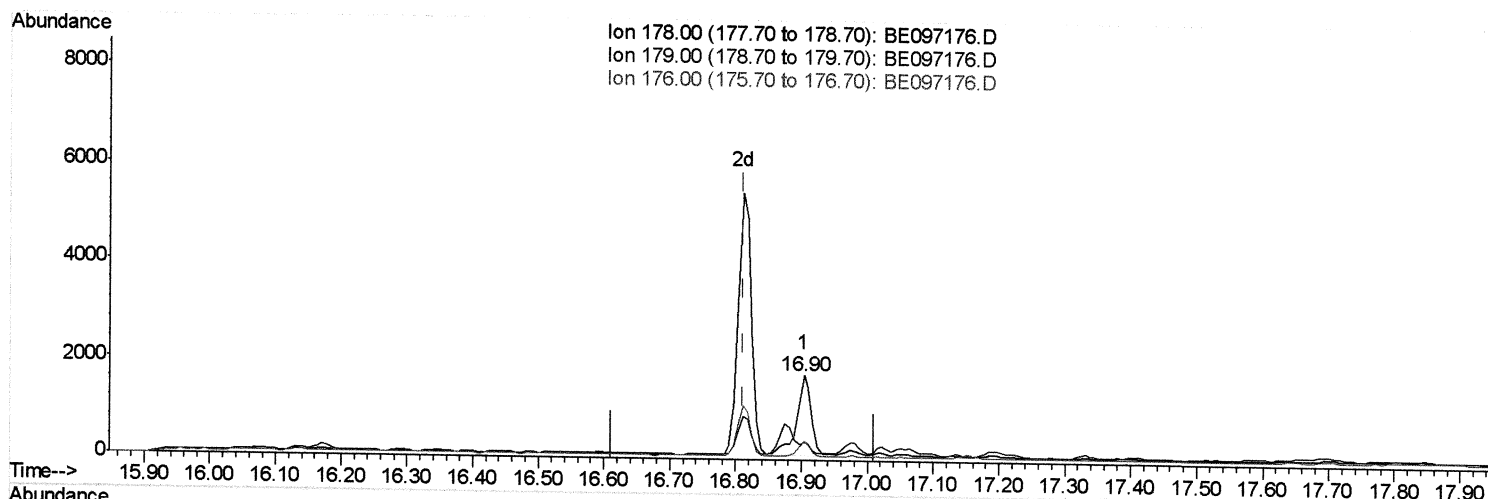
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Manual Integrations
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Quant Time: Aug 03 15:19:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
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(12) Phenanthrene

16.902min (+0.091) 0.08ng/ul

response 2542

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	21.45
176.00	17.00	22.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

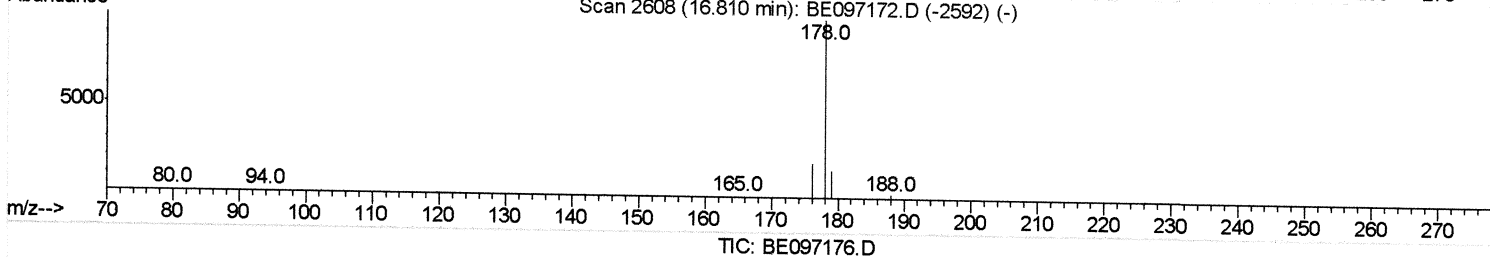
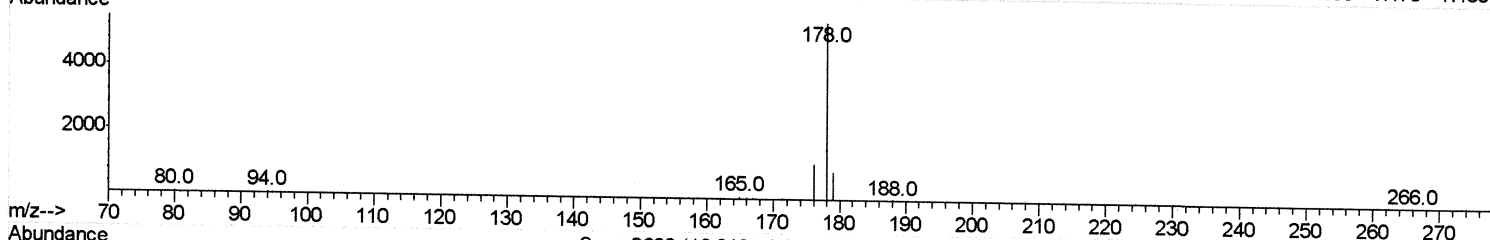
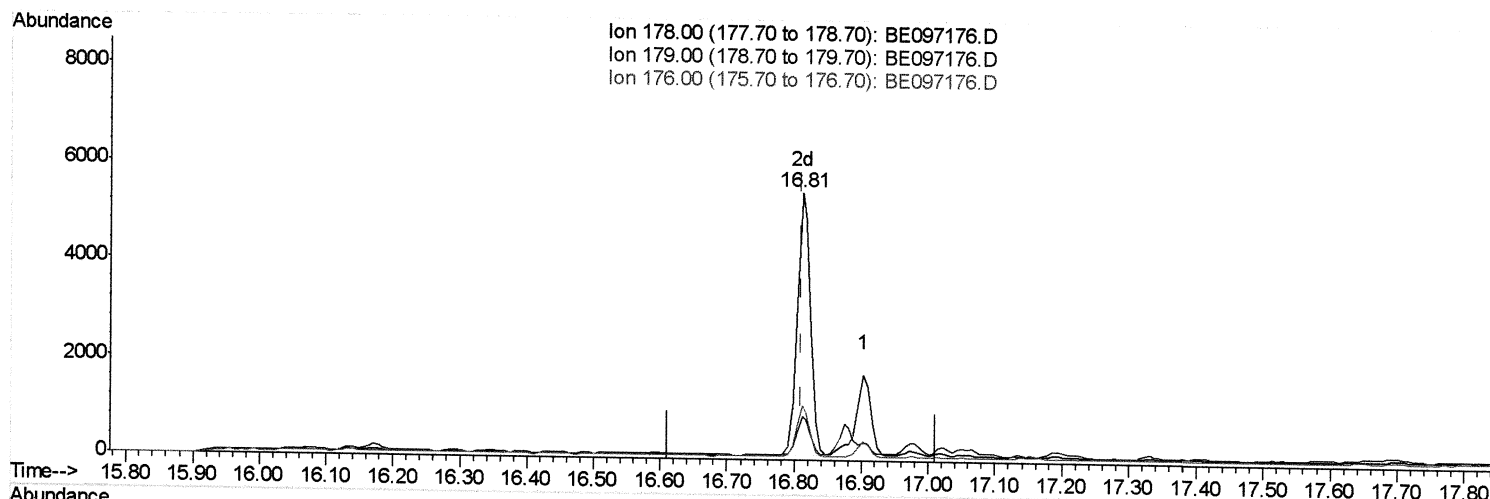
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(12) Phenanthrene

16.811min (-0.000) 0.25ng/ul m

SJ 8/7/18

response 7596

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	16.34#
176.00	17.00	20.38
0.00	0.00	0.00

Quantitation Report (Qedit)

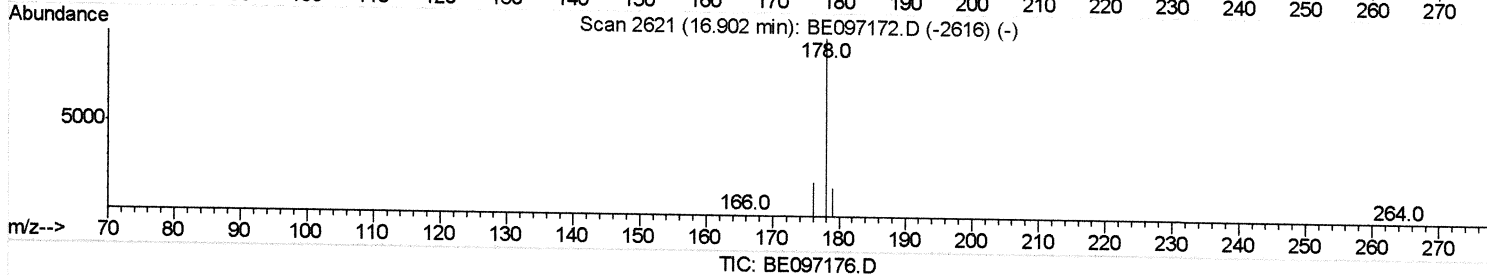
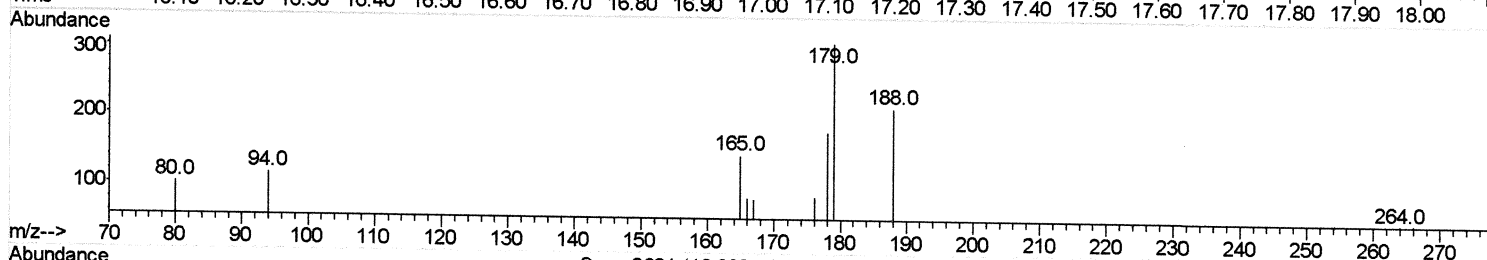
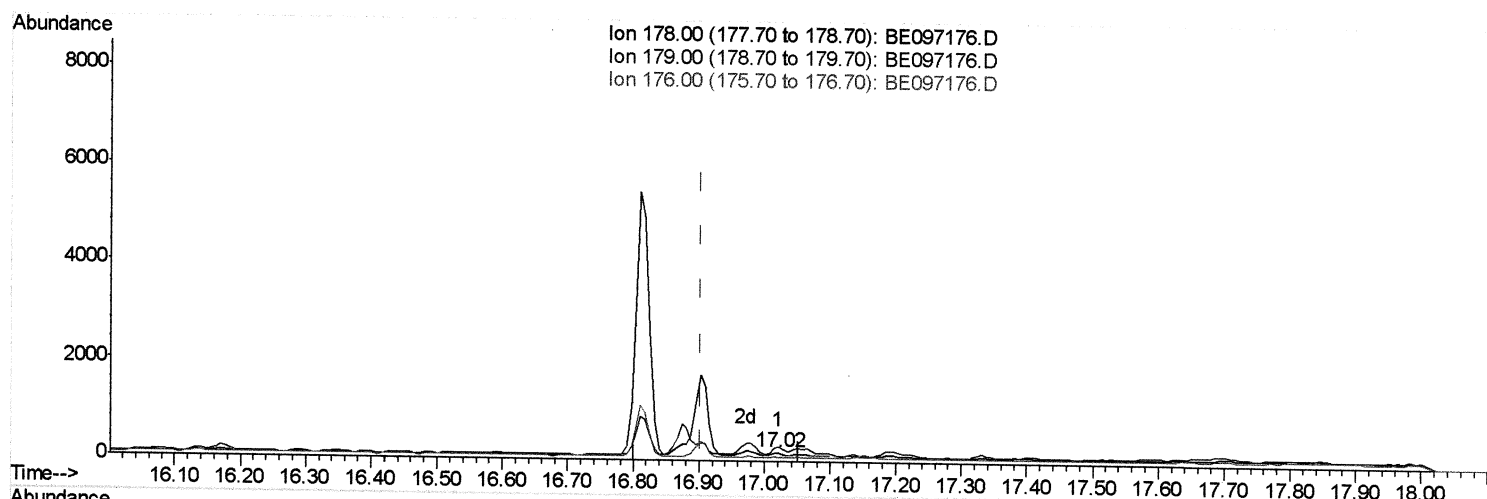
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(13) Anthracene

17.022min (+0.119) 0.01ng/ul

response 233

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	171.11#
176.00	18.40	48.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

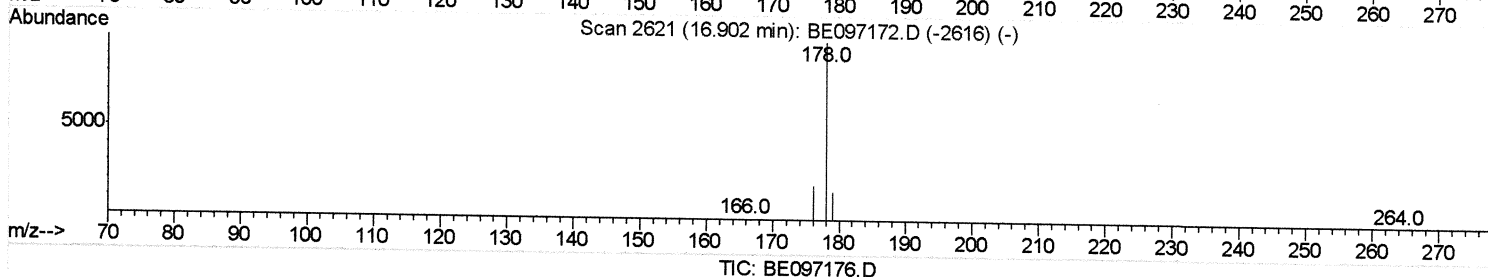
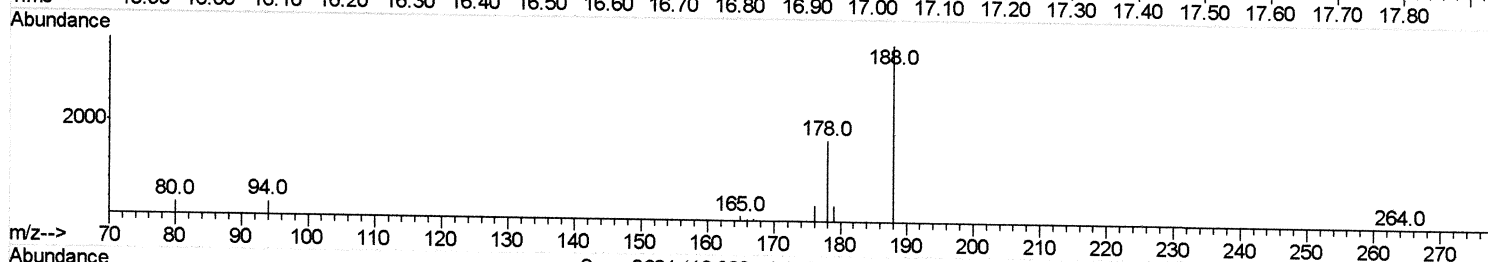
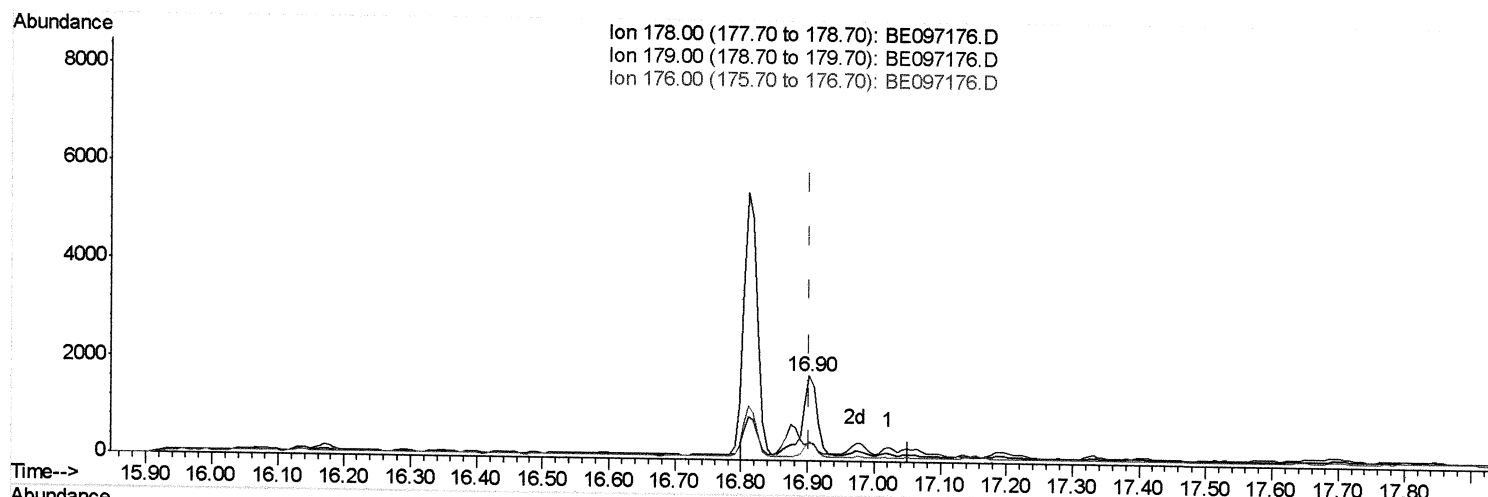
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(13) Anthracene

16.902min (-0.000) 0.09ng/ul m

SJ 8/7/18

response 2549

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	21.45
176.00	18.40	22.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

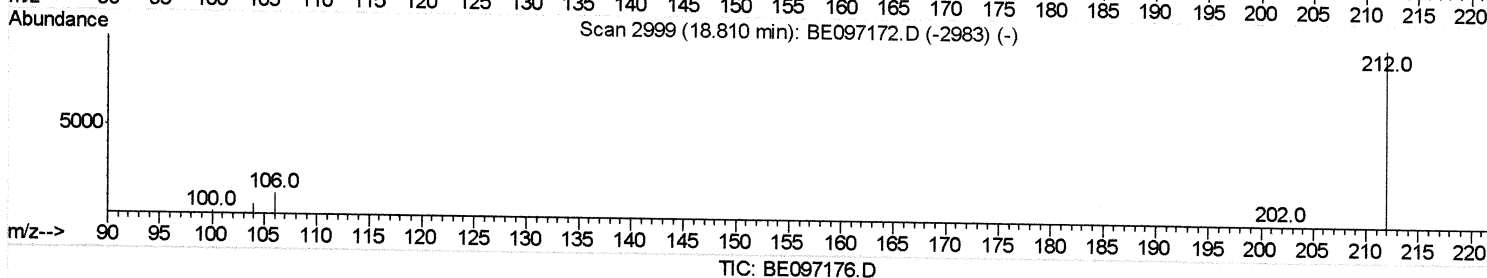
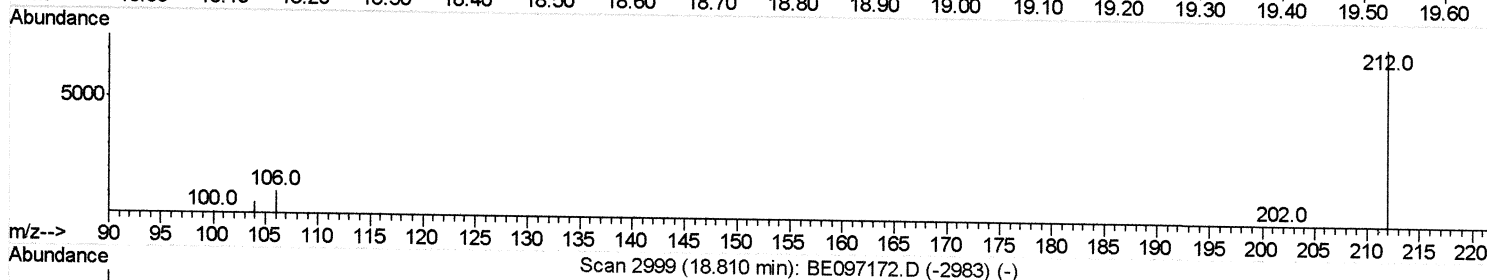
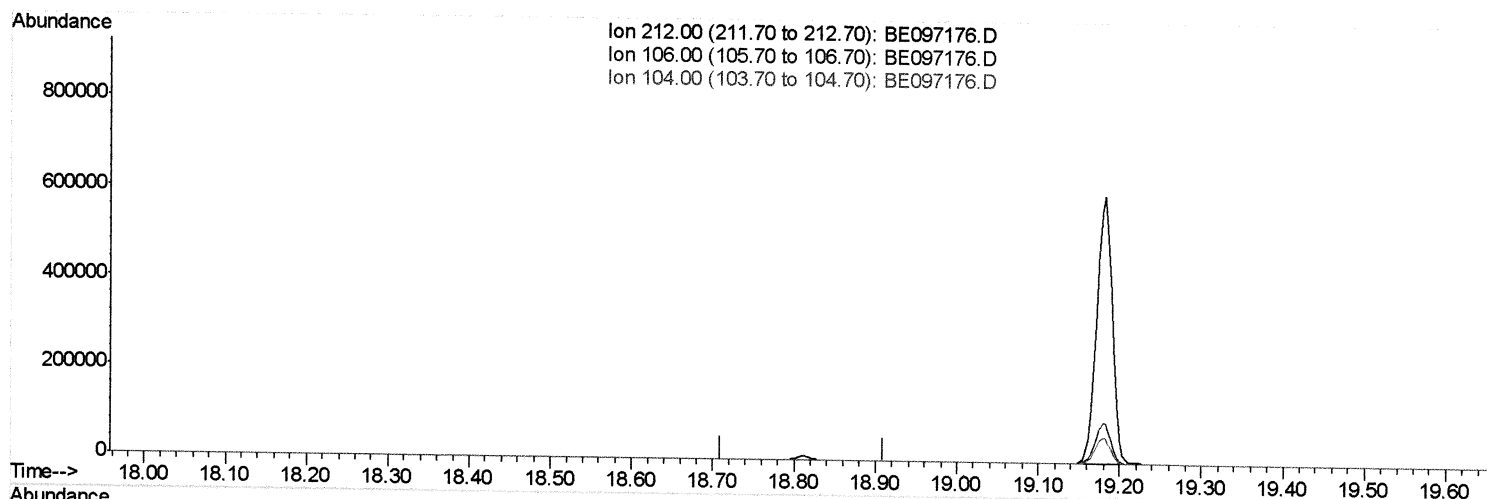
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(14) Fluoranthene-d10 (SURR)

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)

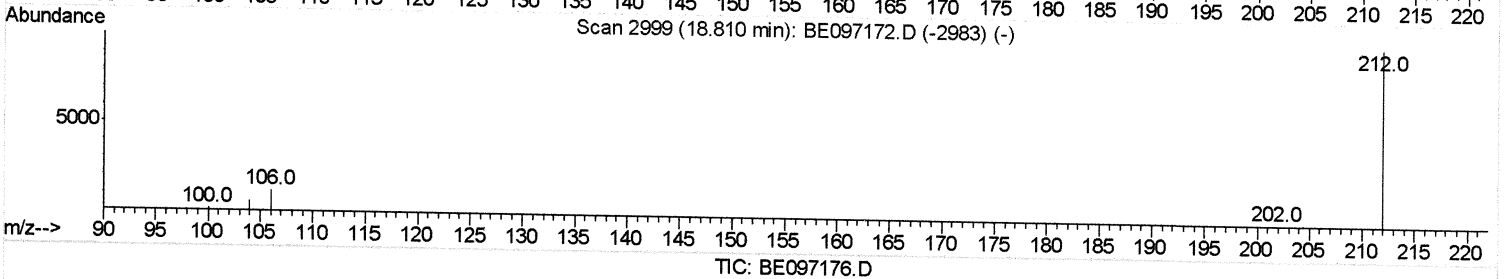
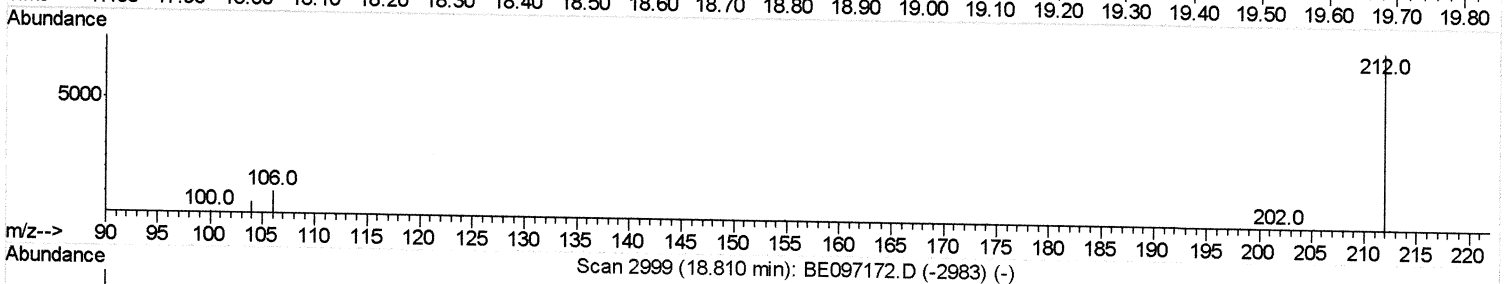
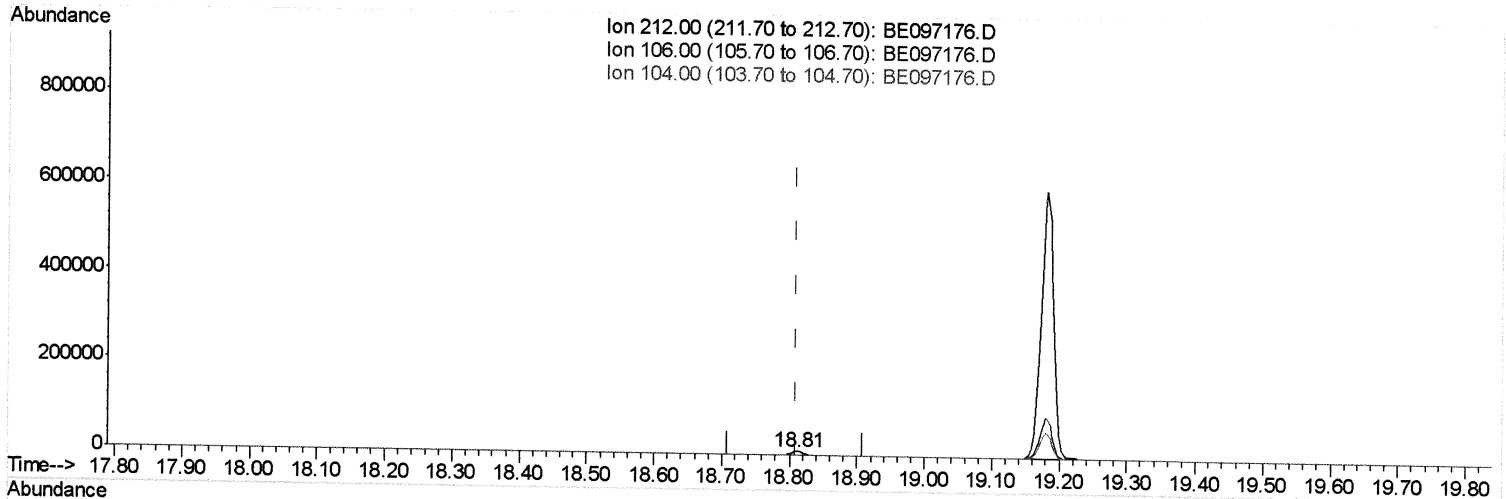
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097176.D
 Acq On : 3 Aug 2018 11:47
 Operator : SJ/JU
 Sample : J4172-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COD00

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:21 PM

Quant Time: Aug 03 15:19:00 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



(14) Fluoranthene-d10 (SURR)

18.811min (+0.001) 0.24ng/ul m

SJ 8/7/18

response 9853

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)

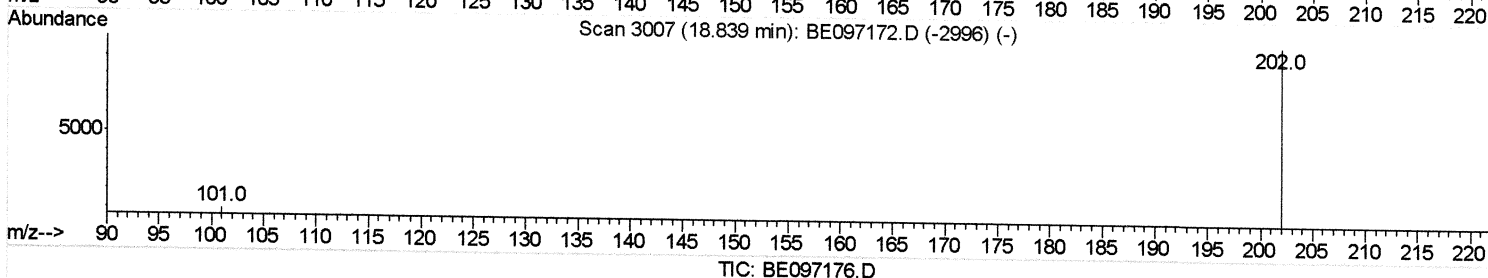
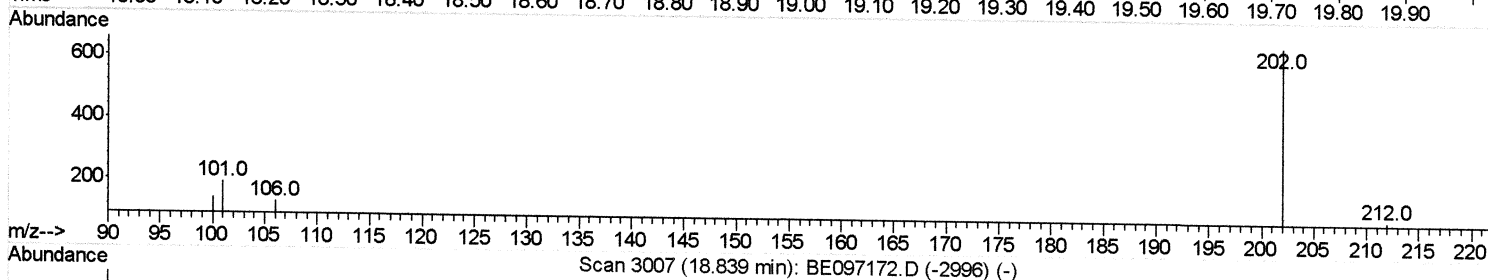
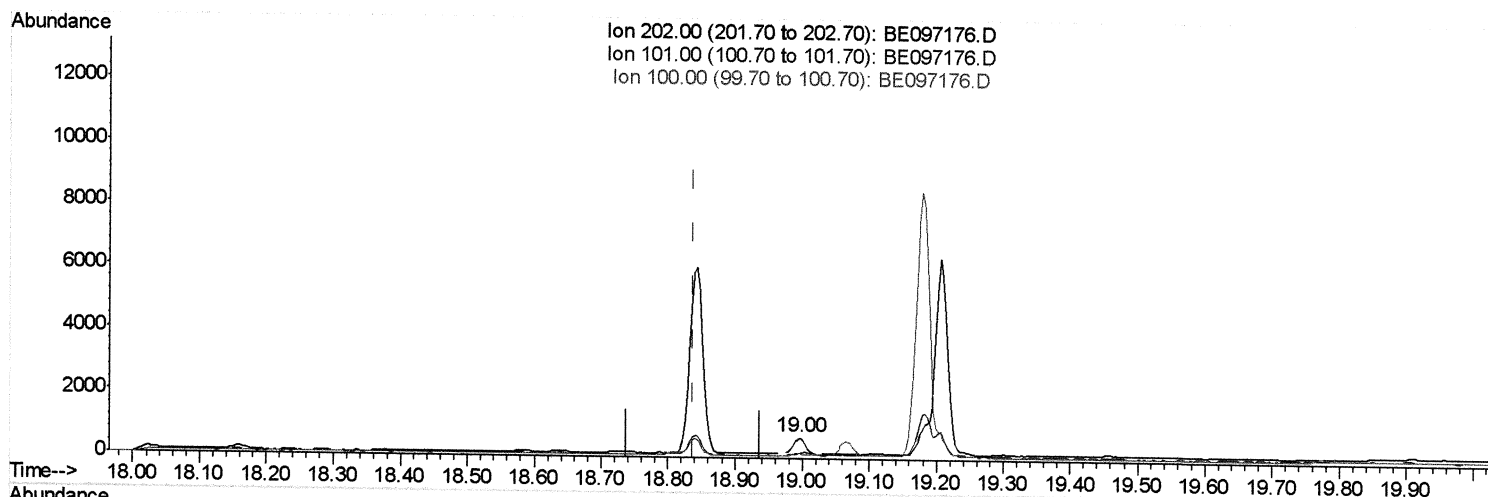
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
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 Operator : SJ/JU
 Sample : J4172-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0D00

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:21 PM

Quant Time: Aug 03 15:20:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
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(15) Fluoranthene (C)

18.996min (+0.158) 0.02ng/ul

response 643

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	29.14
100.00	19.50	21.24
0.00	0.00	0.00

Quantitation Report (Qedit)

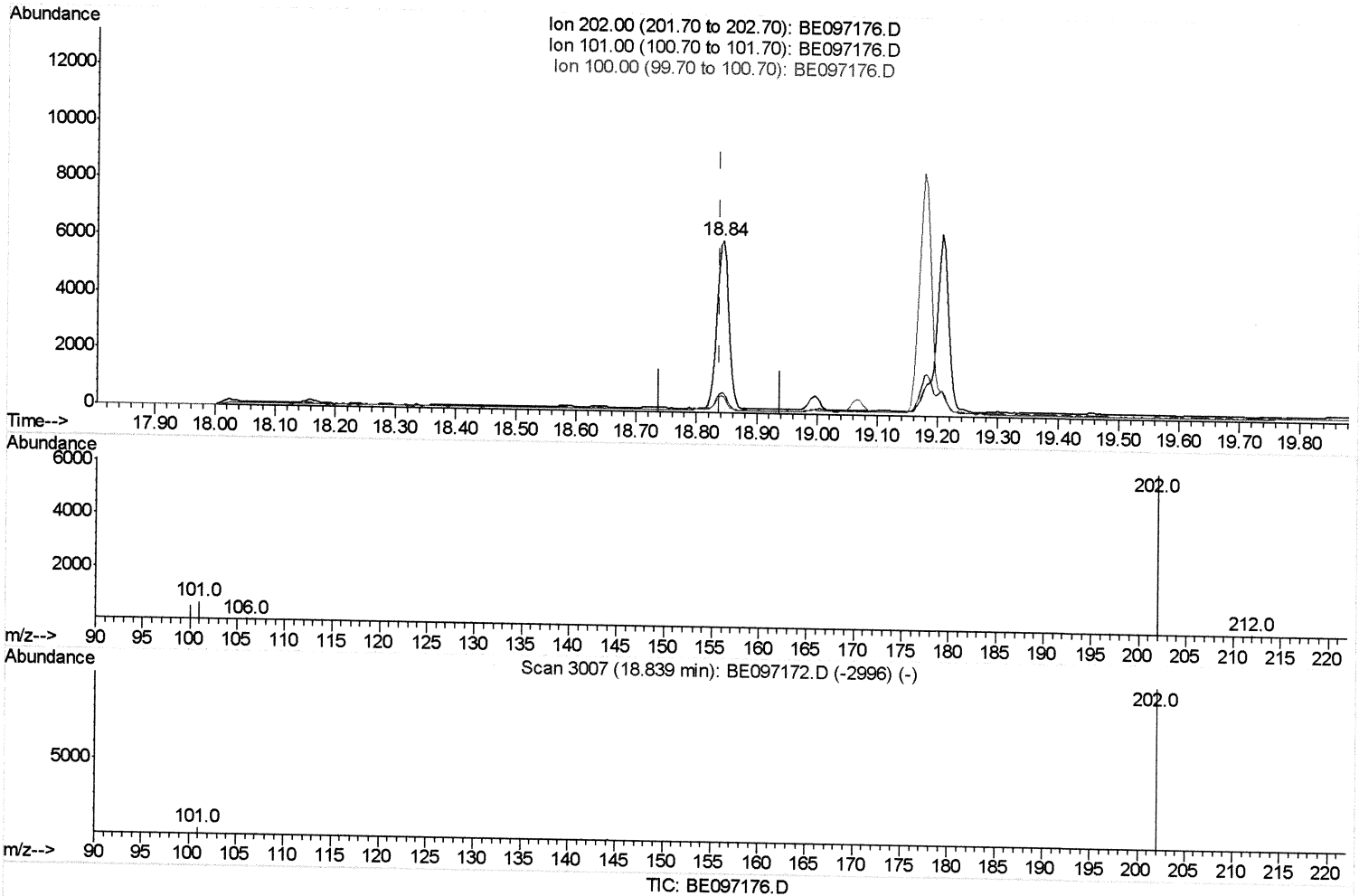
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097176.D
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 Sample : J4172-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0D00

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:21 PM

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(15) Fluoranthene (C)

18.843min (+0.004) 0.20ng/ul m

SJ 8/7/18

response 7963

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	11.74
100.00	19.50	9.49
0.00	0.00	0.00

Quantitation Report (Qedit)

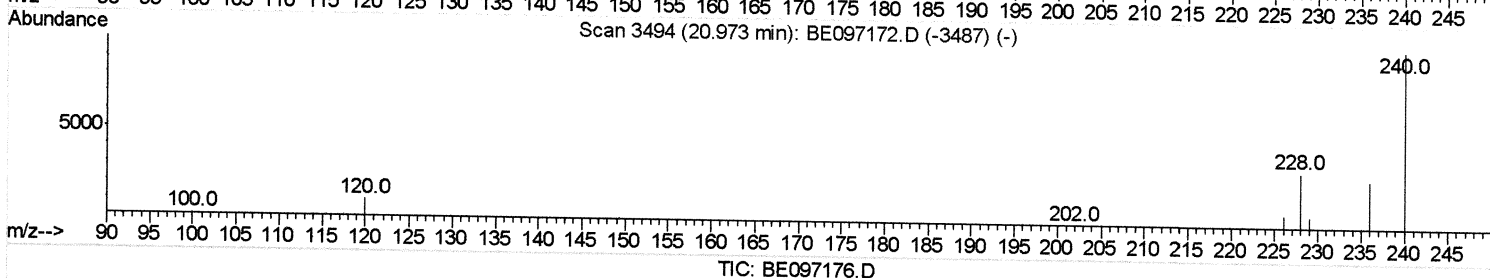
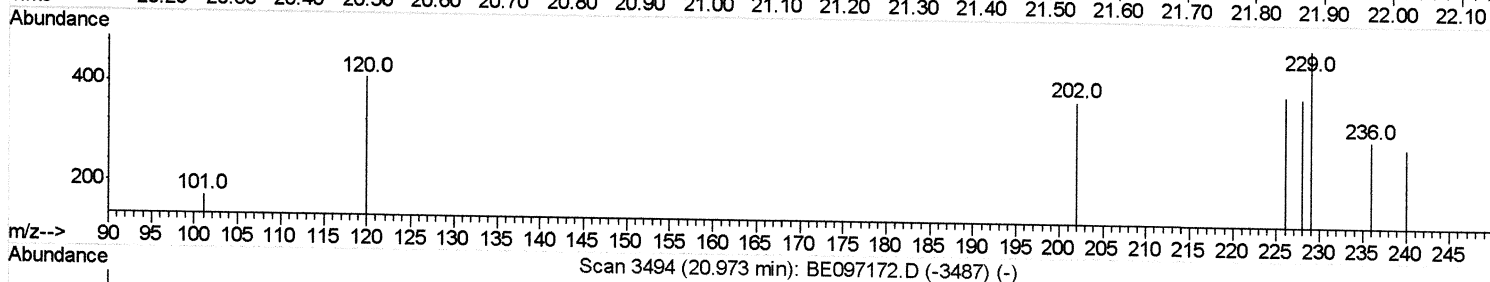
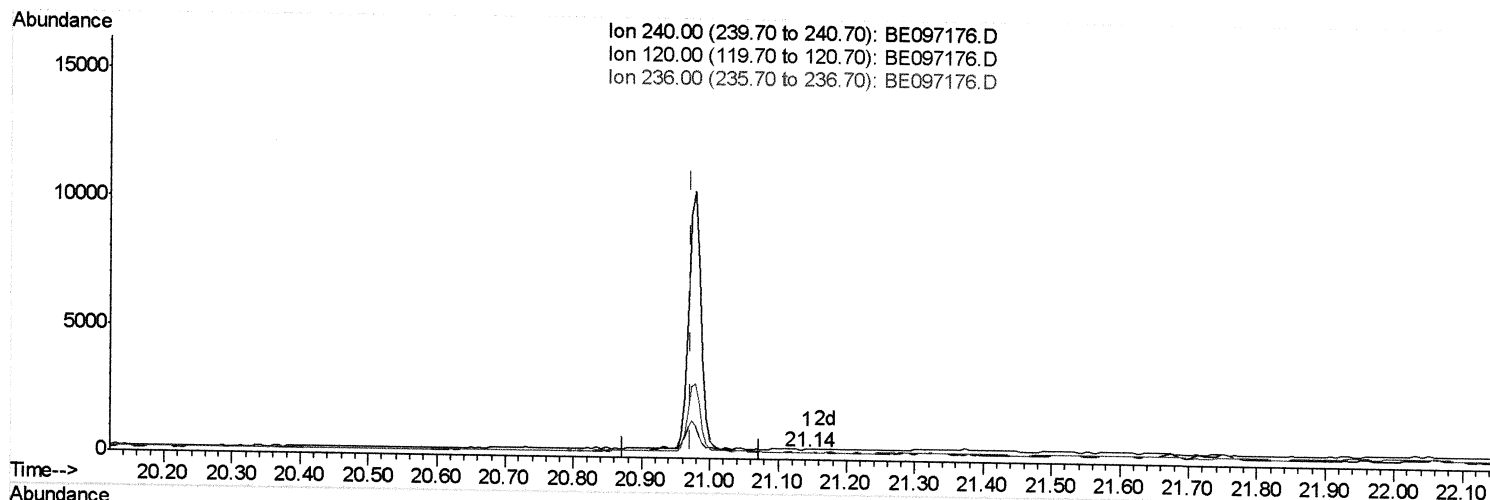
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(16) Chrysene-d12 (I)

21.143min (+0.170) 0.40ng/ul

response 7

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	140.41#
236.00	34.90	104.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

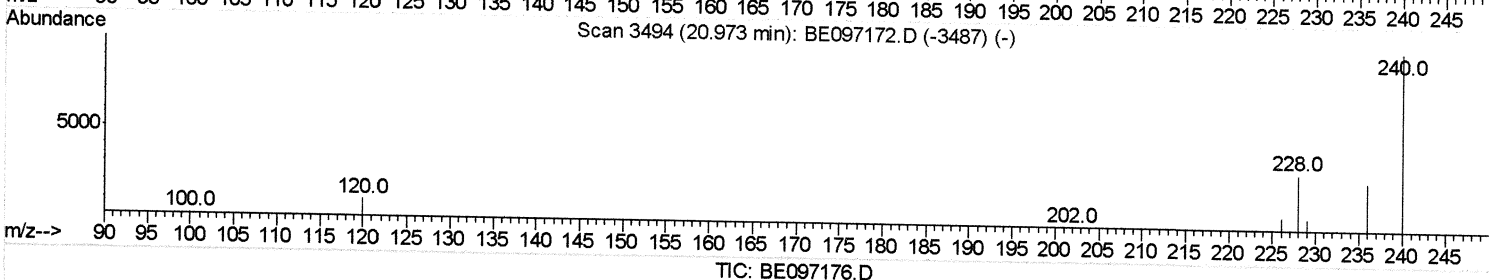
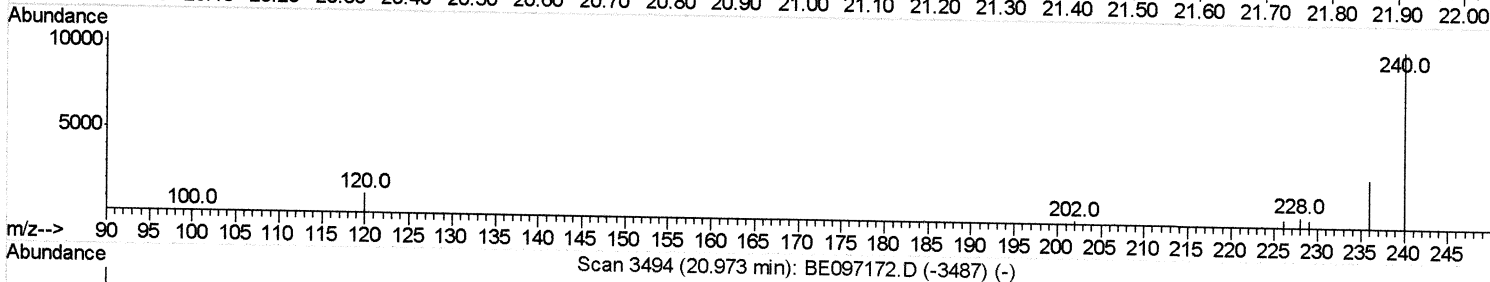
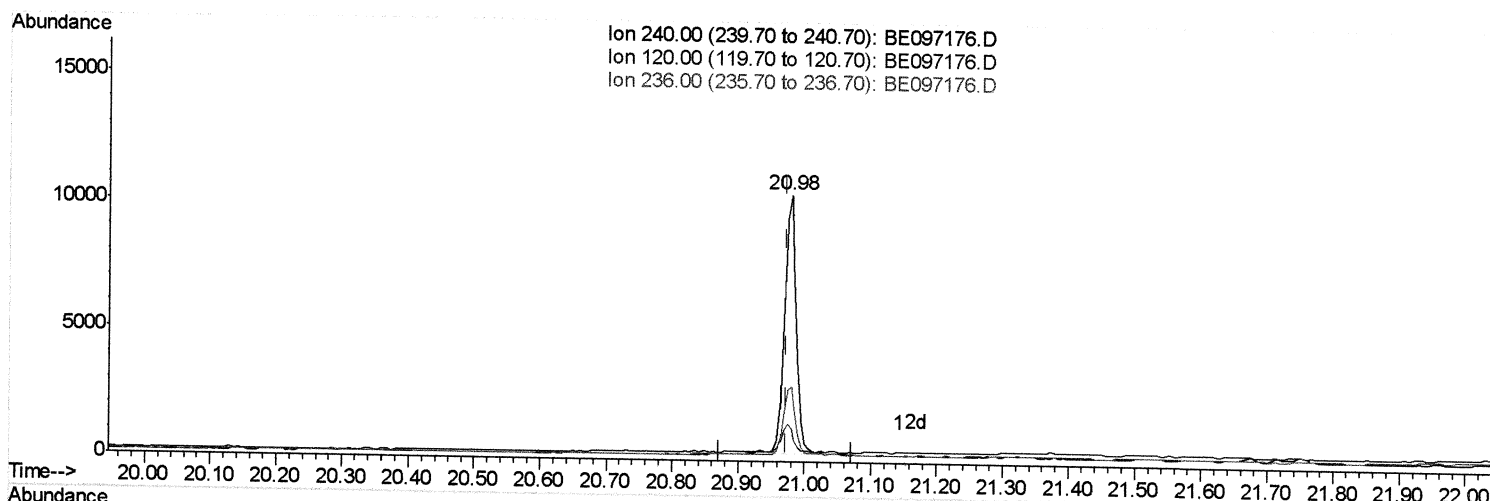
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(16) Chrysene-d12 (I)

20.979min (+0.006) 0.40ng/ul m

SJ 8/7/18

response 12707

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	12.25#
236.00	34.90	28.36
0.00	0.00	0.00

Quantitation Report (Qedit)

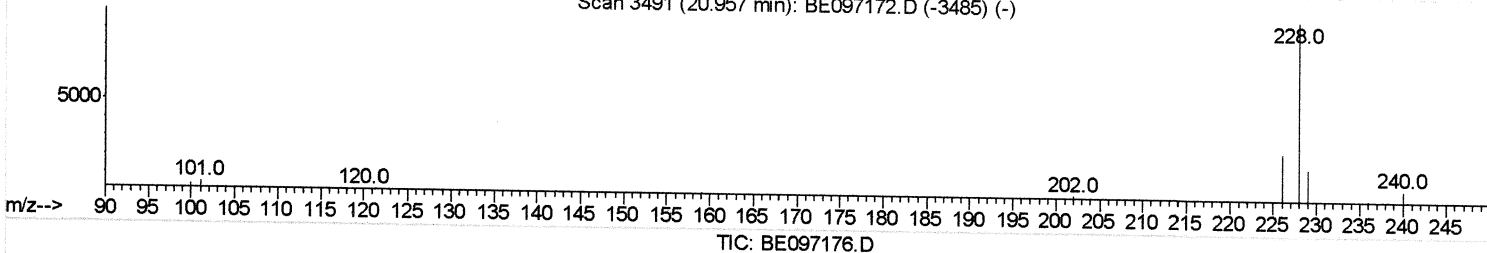
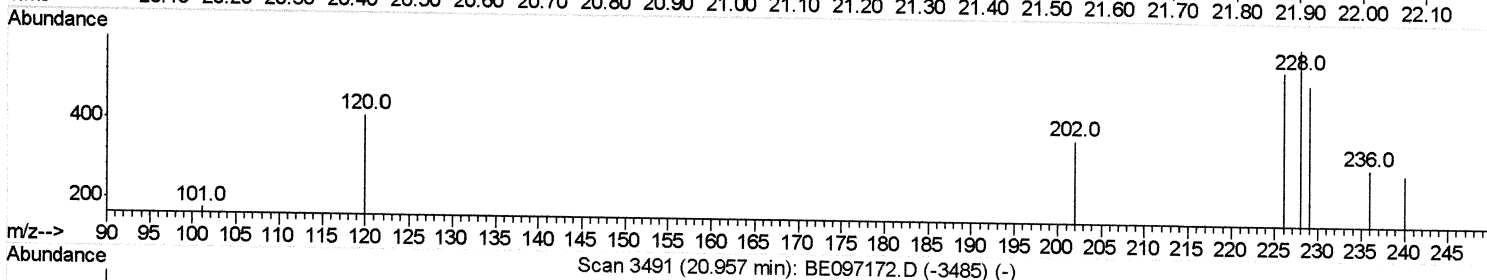
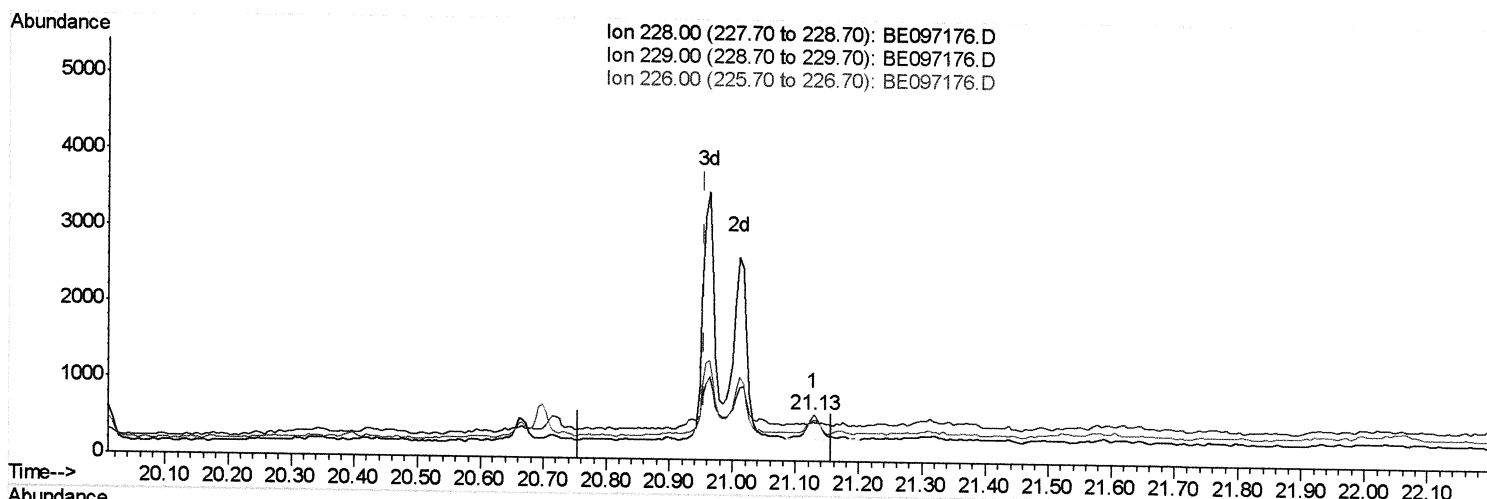
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Manual Integrations
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(18) Benzo(a)anthracene

21.127min (+0.170) 0.01ng/ul

response 532

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	84.83#
226.00	21.30	90.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

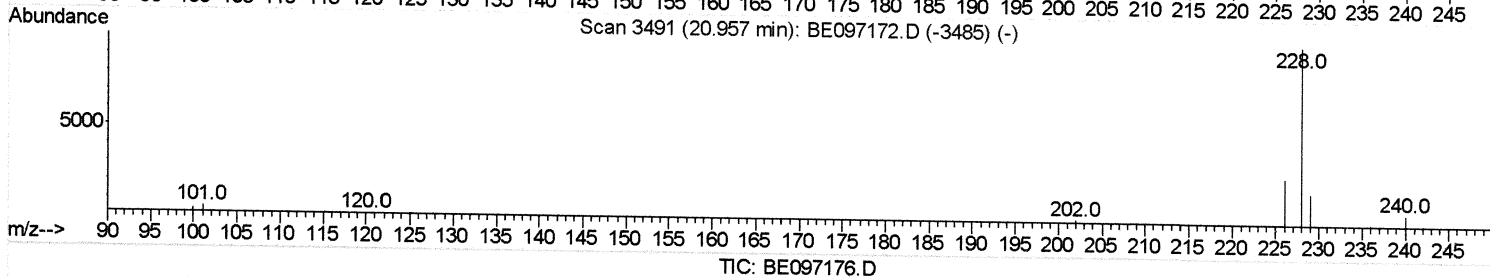
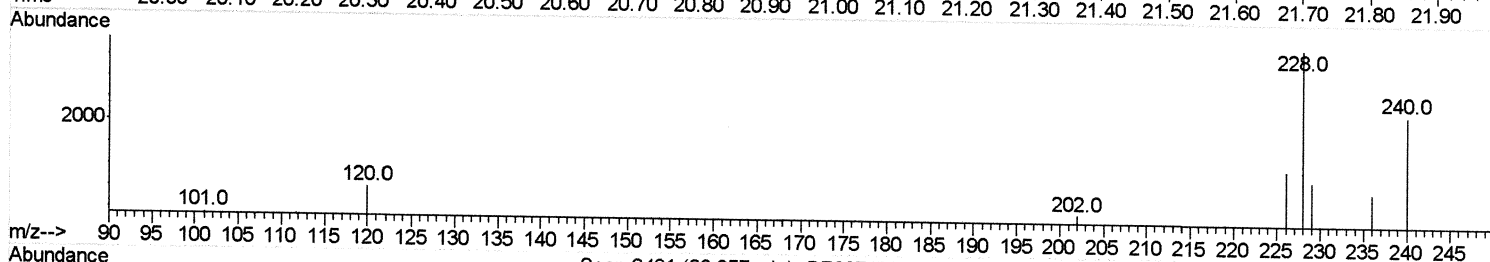
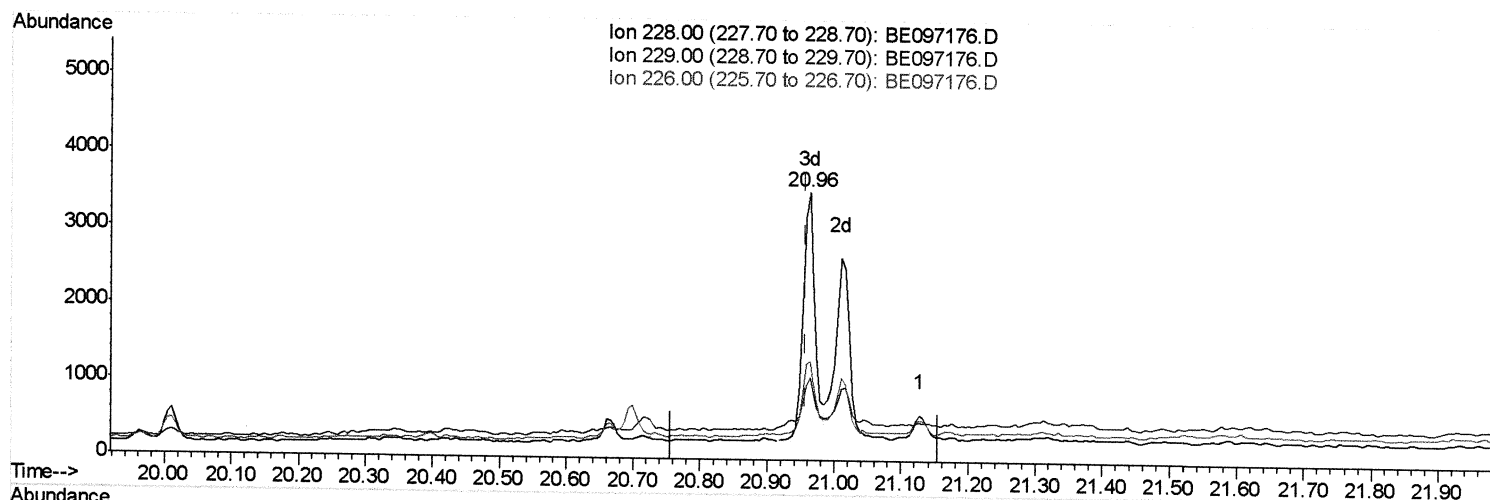
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 C0D00

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:21 PM

Quant Time: Aug 03 15:21:44 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



(18) Benzo(a)anthracene

20.963min (+0.006) 0.12ng/ul m SJ 8/7/18

response 4248

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	31.15
226.00	21.30	36.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

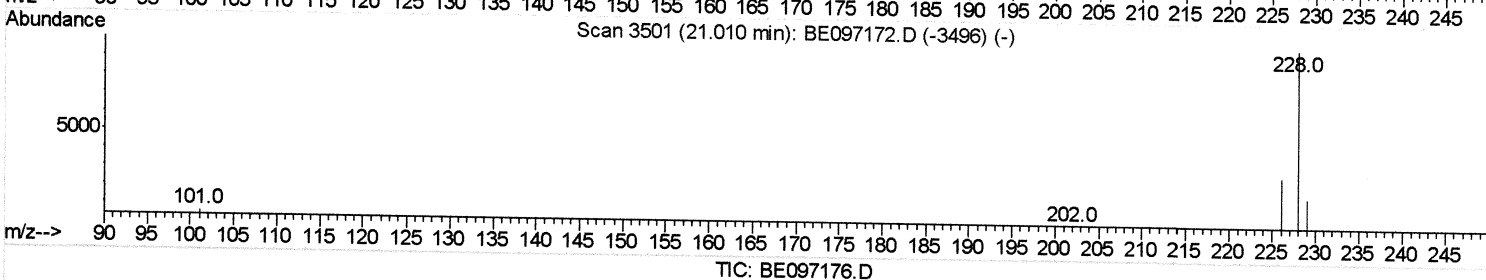
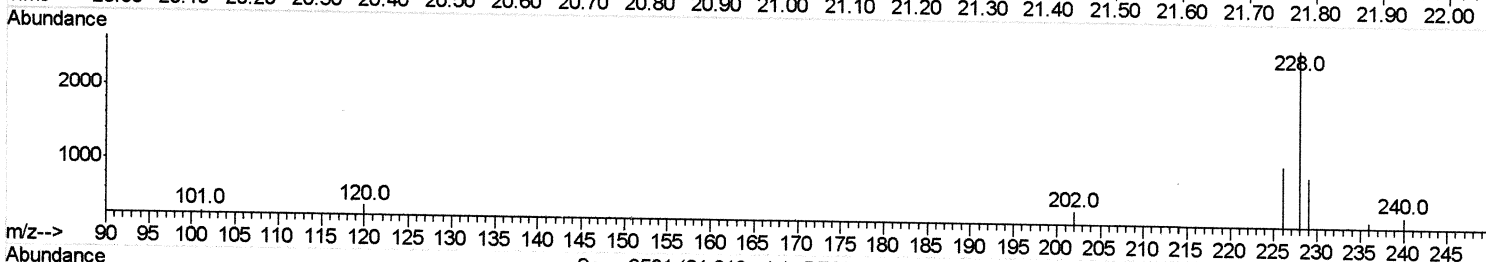
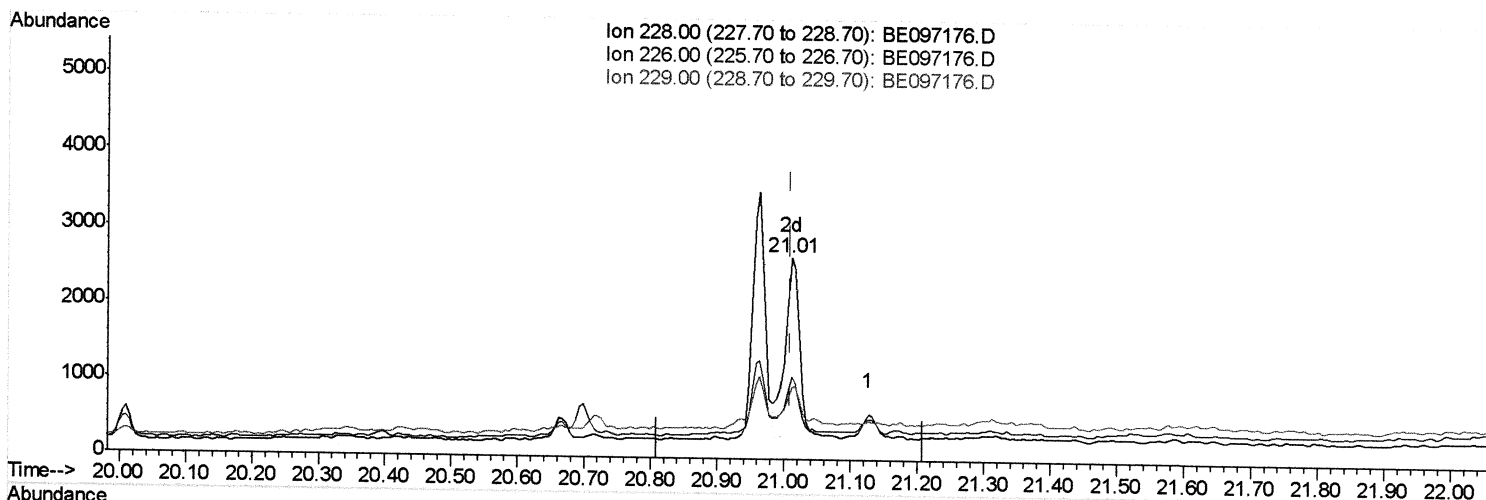
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097176.D
 Acq On : 3 Aug 2018 11:47
 Operator : SJ/JU
 Sample : J4172-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0D00

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:21 PM

Quant Time: Aug 03 15:21:44 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



(19) Chrysene

21.011min (+0.001) 0.09ng/ul m

SJ 8/7/18

response 3418

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	40.81#
229.00	22.10	35.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

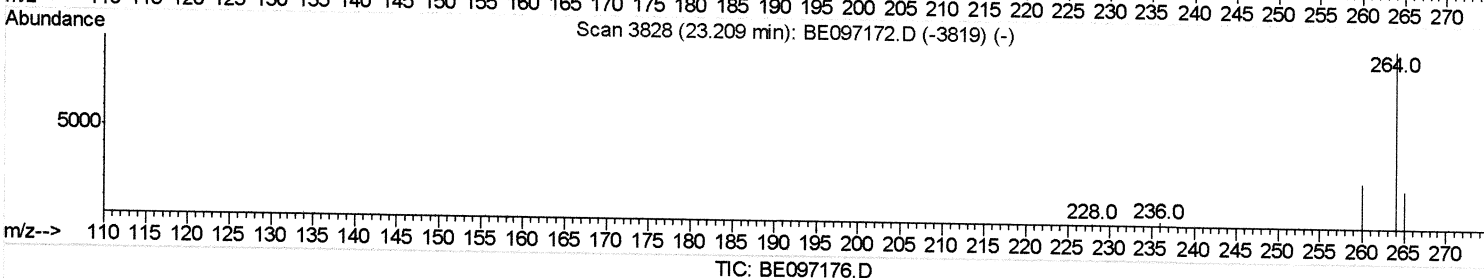
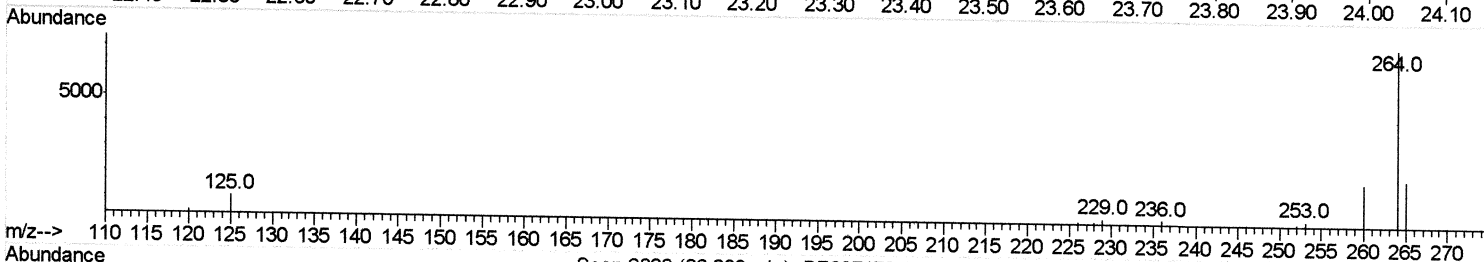
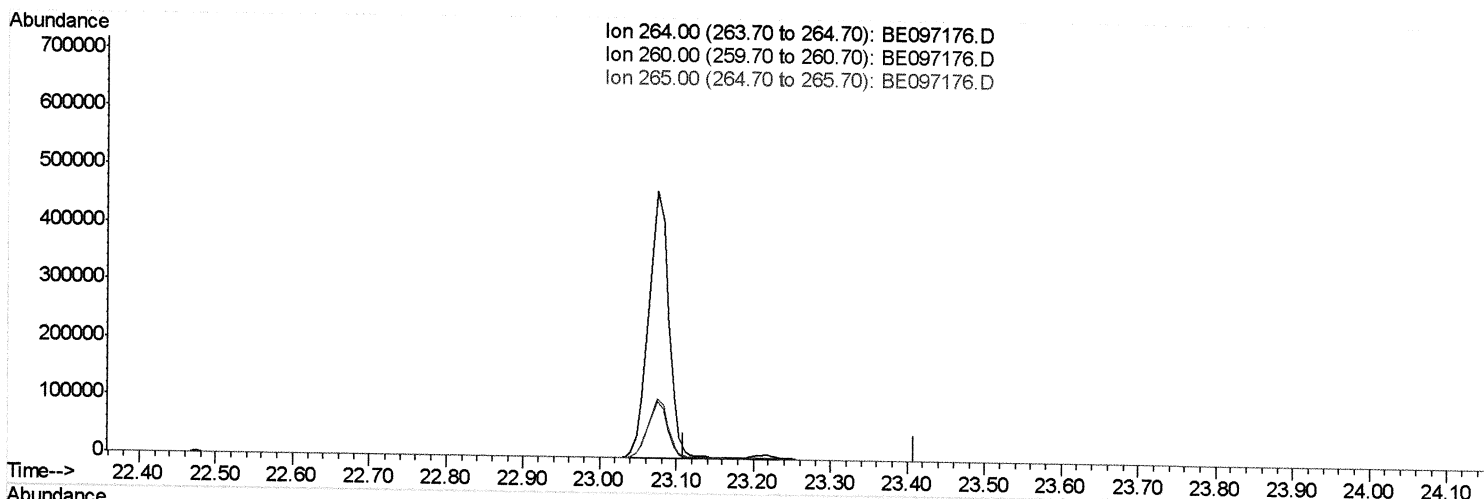
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097176.D
 Acq On : 3 Aug 2018 11:47
 Operator : SJ/JU
 Sample : J4172-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0D00

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:21 PM

Quant Time: Aug 03 15:21:44 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)

23.210min (-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)

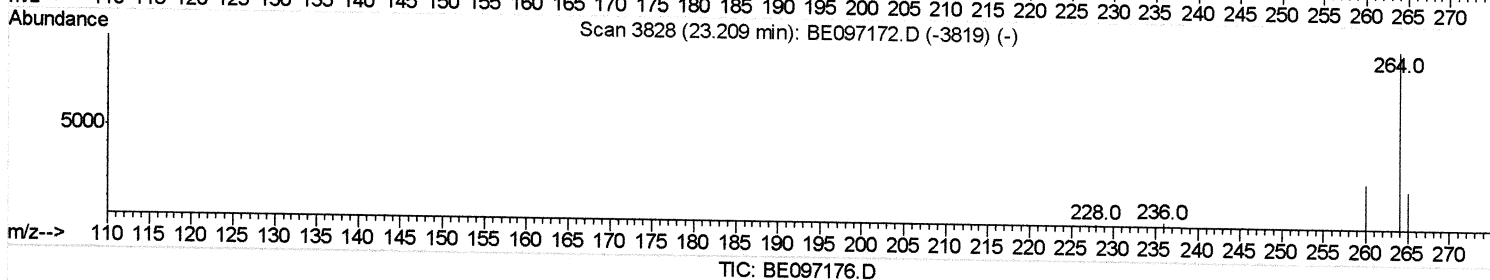
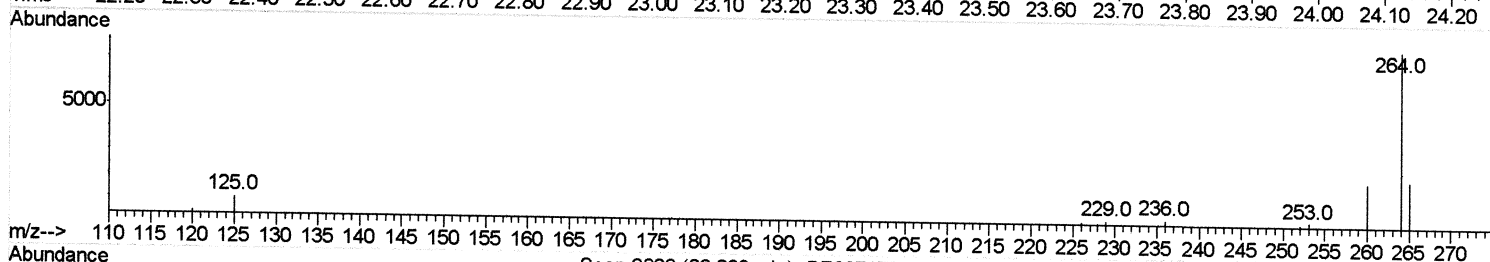
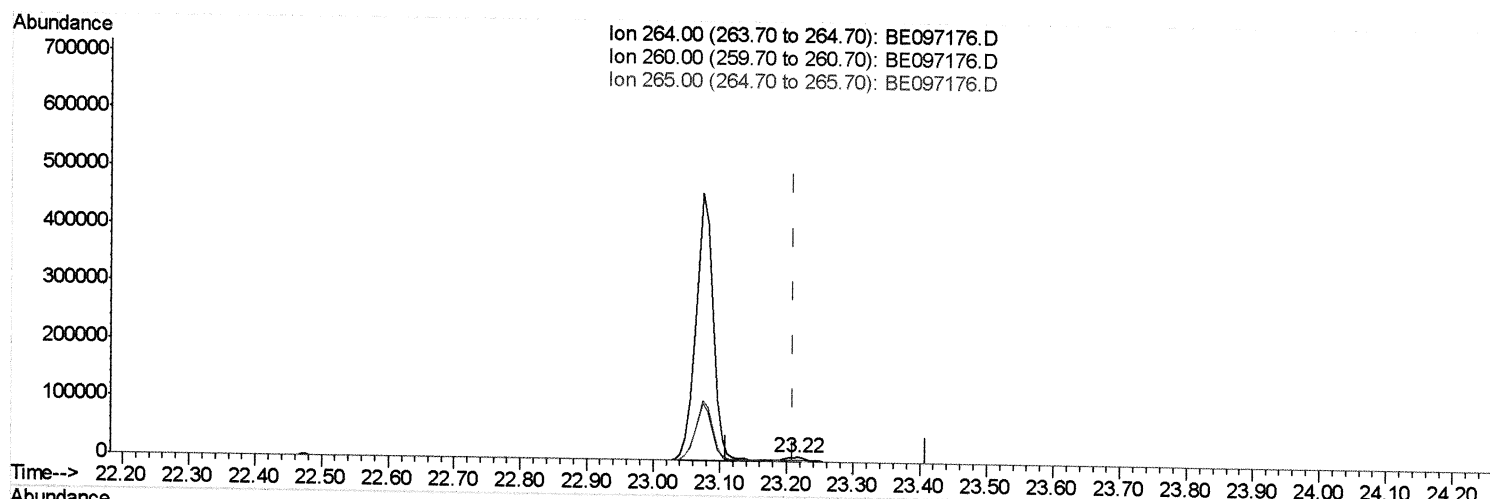
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097176.D
 Acq On : 3 Aug 2018 11:47
 Operator : SJ/JU
 Sample : J4172-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0D00

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:21 PM

Quant Time: Aug 03 15:21:44 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)

23.216min (+0.006) 0.40ng/ul m

SJ 8/7/18

response 11522

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	27.39
265.00	103.50	28.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

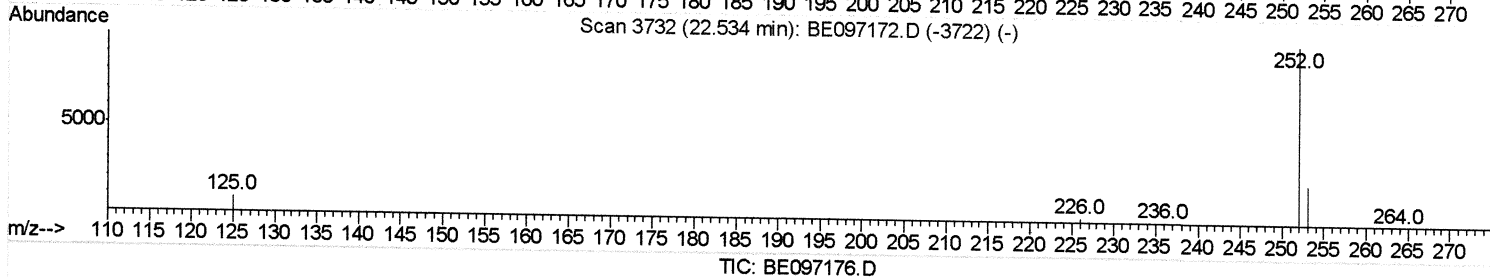
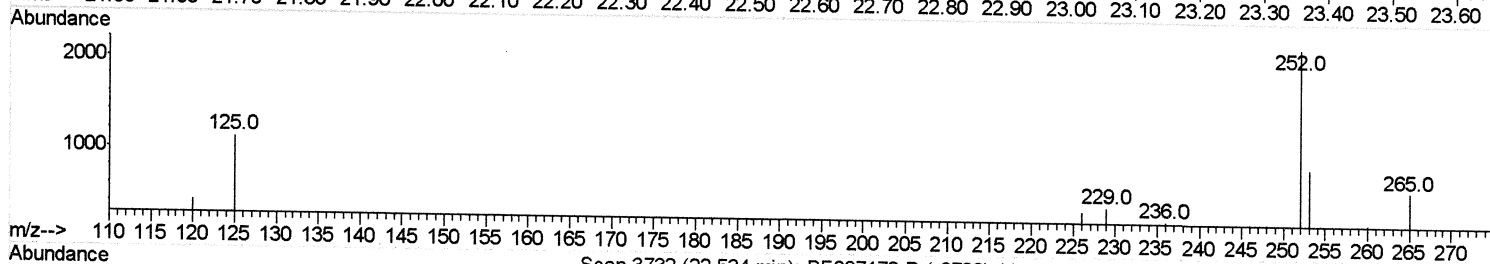
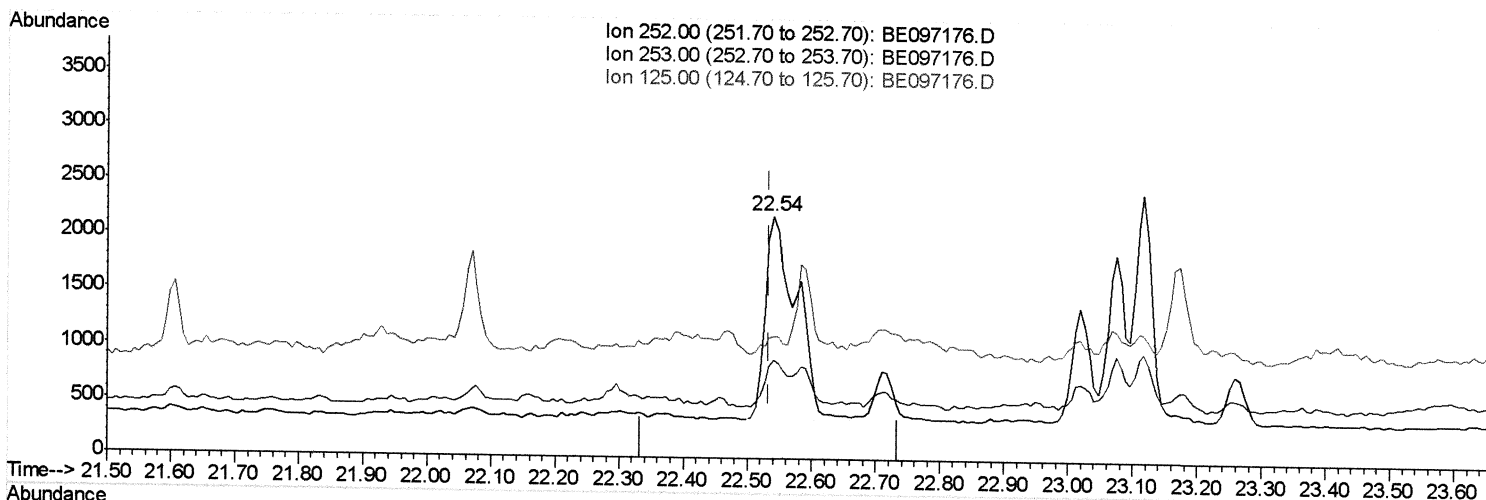
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097176.D
 Acq On : 3 Aug 2018 11:47
 Operator : SJ/JU
 Sample : J4172-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0D00

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:21 PM

Quant Time: Aug 03 15:24:12 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



(21) Benzo(b)fluoranthene

22.541min (+0.006) 0.20ng/ul

response 6219

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	40.63
125.00	17.50	50.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

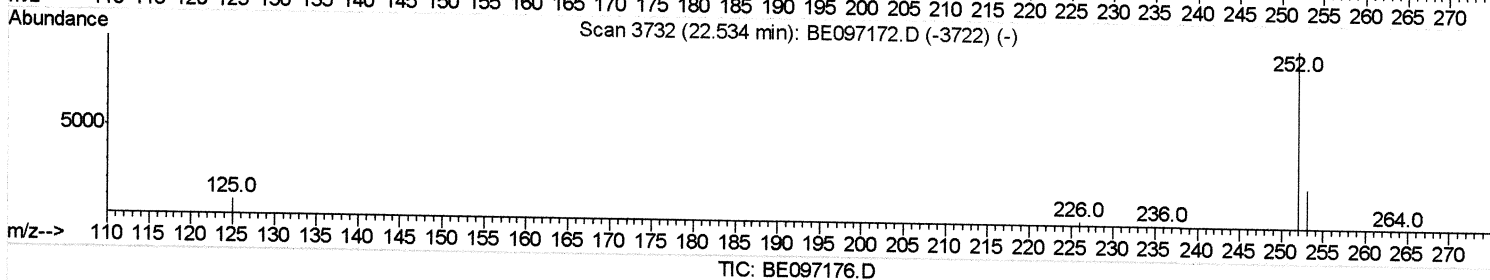
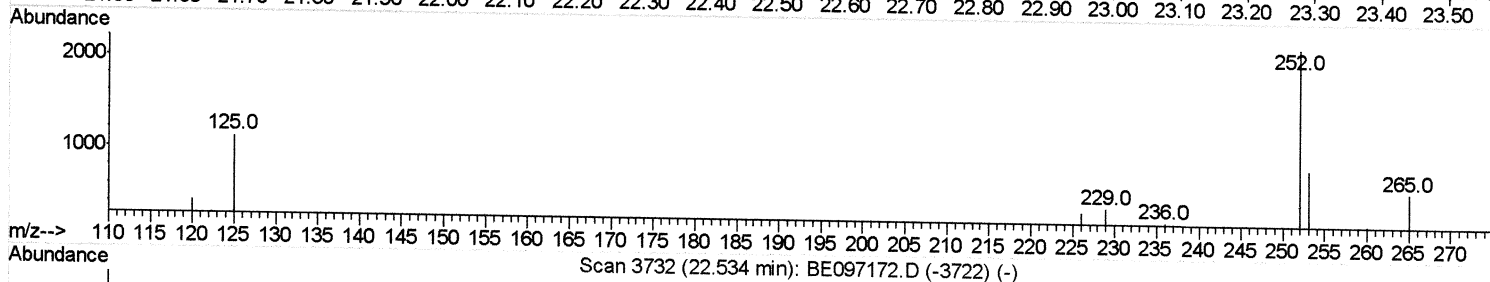
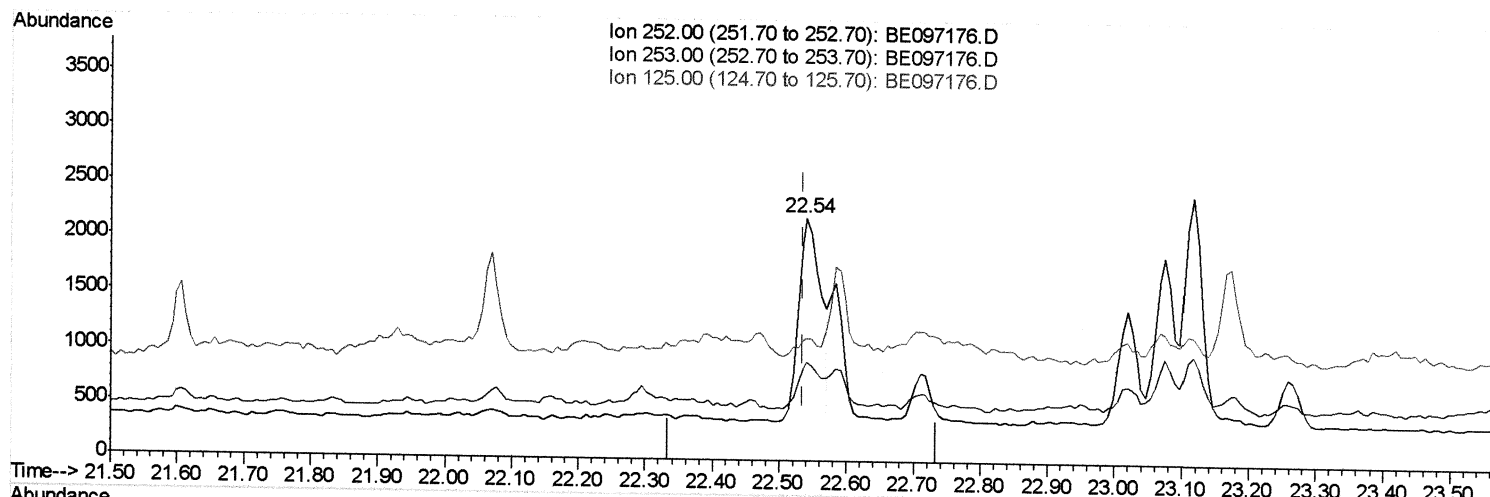
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097176.D
 Acq On : 3 Aug 2018 11:47
 Operator : SJ/JU
 Sample : J4172-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0D00

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:21 PM

Quant Time: Aug 03 15:24:12 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



(21) Benzo(b)fluoranthene

22.541min (+0.006) 0.14ng/ul m

SJ 8/7/18

response 4400

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	40.63
125.00	17.50	50.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

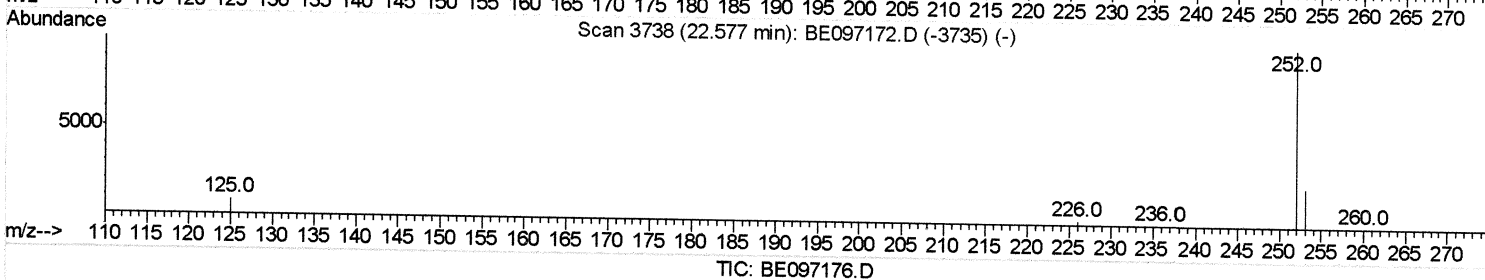
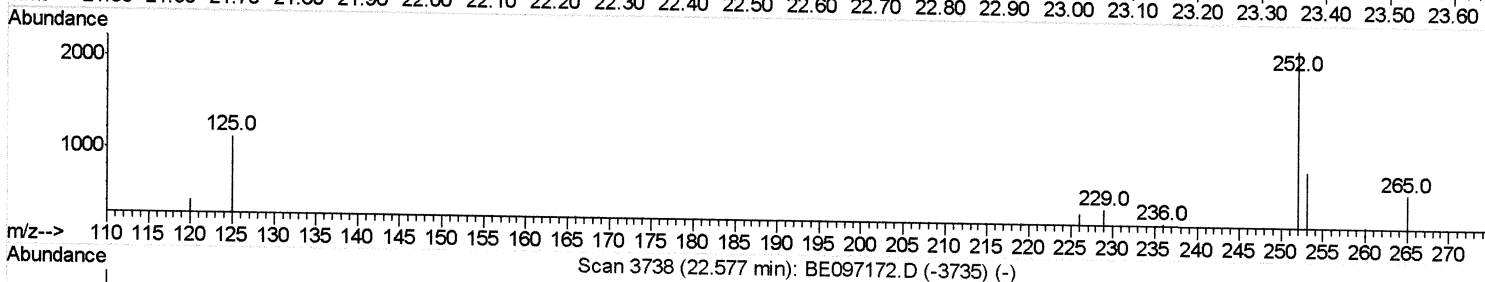
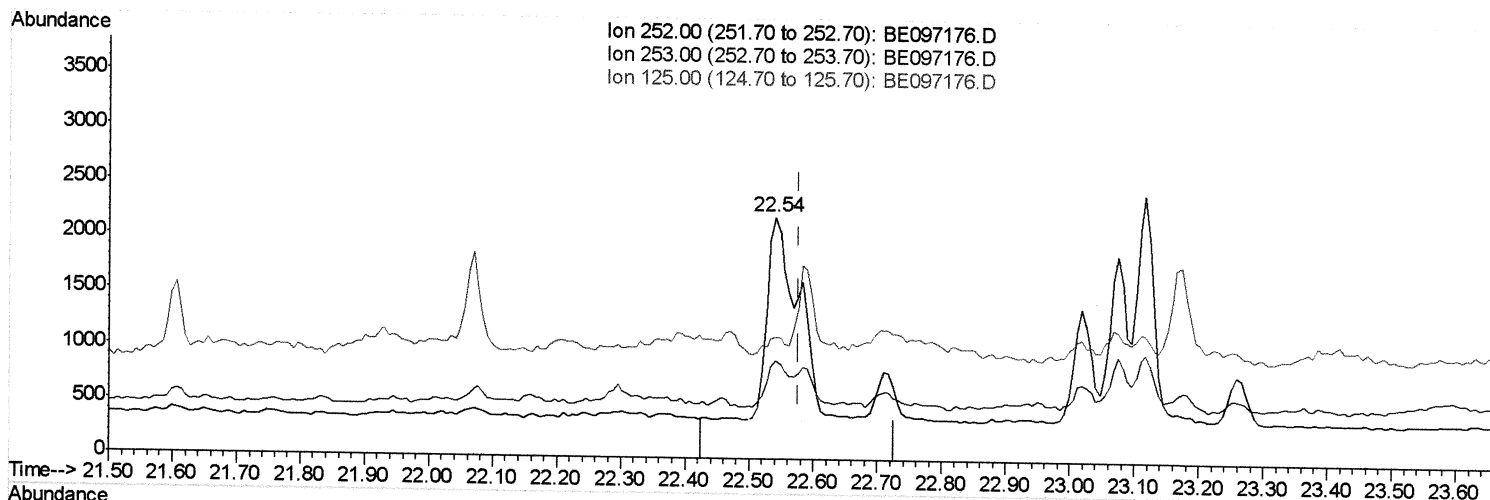
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097176.D
 Acq On : 3 Aug 2018 11:47
 Operator : SJ/JU
 Sample : J4172-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0D00

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:21 PM

Quant Time: Aug 03 15:24:12 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



(22) Benzo(k)fluoranthene

22.541min (-0.036) 0.18ng/ul

response 6219

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	40.63#
125.00	17.10	50.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

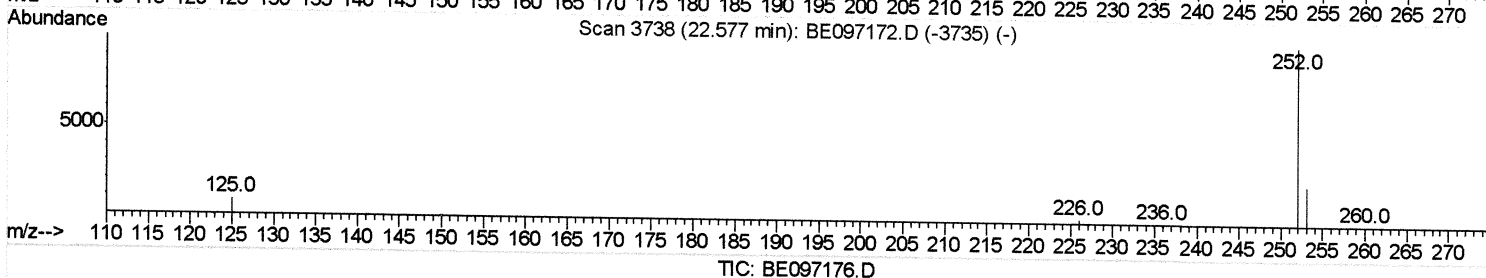
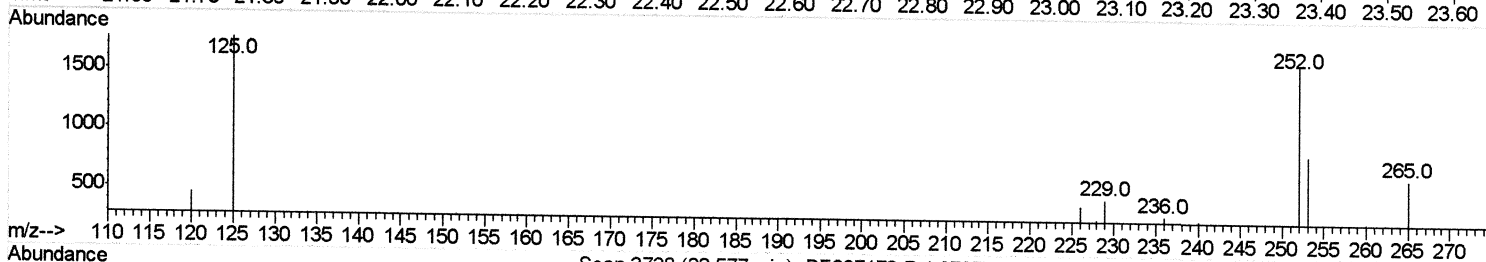
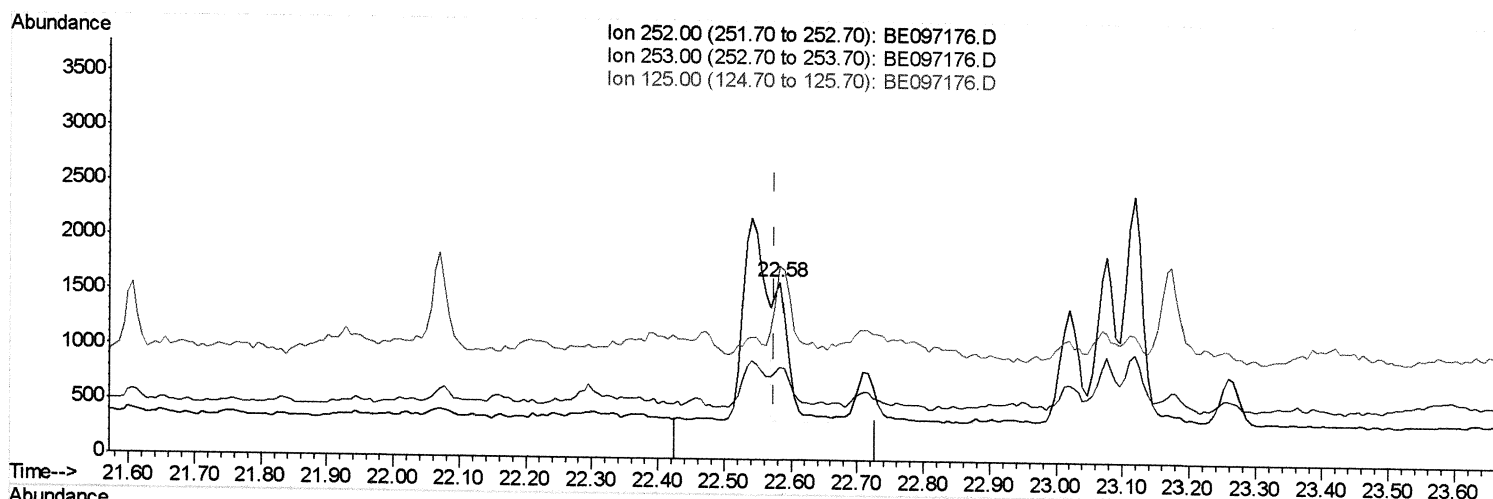
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097176.D
 Acq On : 3 Aug 2018 11:47
 Operator : SJ/JU
 Sample : J4172-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0D00

Manual Integrations
 APPROVED

Sohil
 8/6/2018 4:32:21 PM

Quant Time: Aug 03 15:24:12 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



(22) Benzo(k)fluoranthene

22.583min (+0.006) 0.06ng/ul m

SJ 8/7/18

response 1950

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	52.19#
125.00	17.10	109.02#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
Data File : BE097176.D
Acq On : 3 Aug 2018 11:47
Operator : SJ/JU
Sample : J4172-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
Client Sample ID :
C0D00

Manual Integrations
APPROVED

Sohil
8/6/2018 4:32:21 PM

Quant Time: Aug 03 15:25:40 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	1475	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7846	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4958	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	11734m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	12707m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	11522m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.73	152	3397	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	9853m	0.24	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.18	128	1059	0.056	ng/ul#	86
5) 2-Methylnaphthalene	11.81	142	389	0.031	ng/ul	98
8) Acenaphthene	14.09	153	960	0.062	ng/ul#	93
9) Fluorene	15.08	166	1095	0.061	ng/ul#	92
12) Phenanthrene	16.81	178	7596m	0.254	ng/ul	84
13) Anthracene	16.90	178	2549m	0.091	ng/ul	
15) Fluoranthene	18.84	202	7963m	0.201	ng/ul	
17) Pyrene	19.21	202	8842	0.260	ng/ul#	84
18) Benzo(a)anthracene	20.96	228	4248m	0.117	ng/ul	75
19) Chrysene	21.01	228	3418m	0.091	ng/ul	
21) Benzo(b)fluoranthene	22.54	252	4400m	0.140	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	1950m	0.058	ng/ul	86
23) Benzo(a)pyrene	23.12	252	3617	0.115	ng/ul#	
24) Indeno(1,2,3-cd)pyrene	25.51	276	2230	0.057	ng/ul#	
26) Benzo(a,h,i)perylene	26.20	276	1924	0.057	ng/ul#	50

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