

Quantitation Report (QT Reviewed)

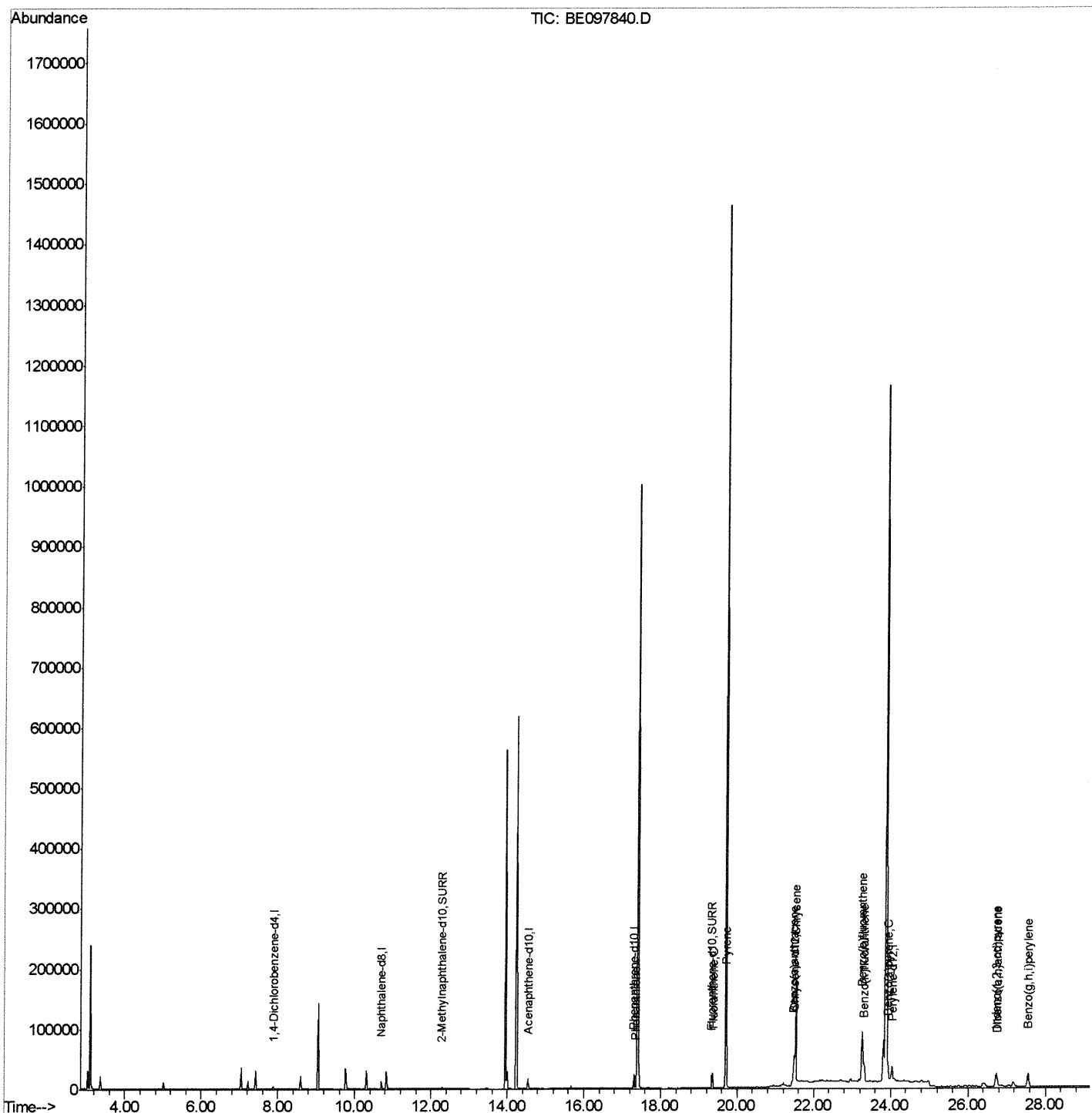
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
 Data File : BE097840.D
 Acq On : 10 Oct 2018 22:43
 Operator : SJ/JU
 Sample : J5183-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC18

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:33:47 PM

Quant Time: Oct 11 02:11:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 01:20:33 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

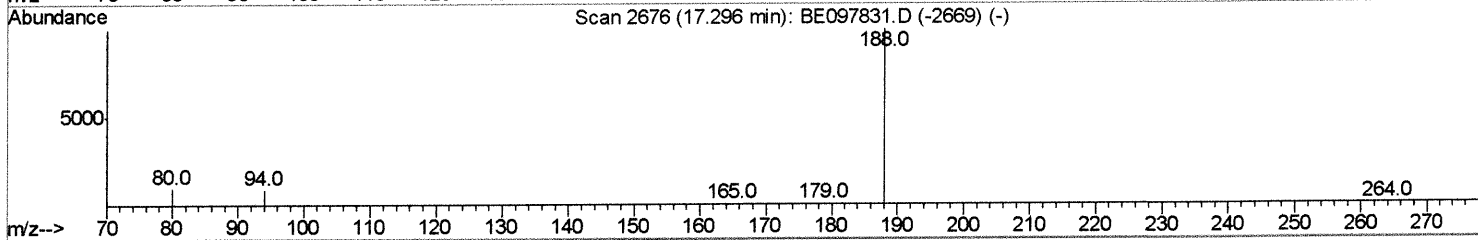
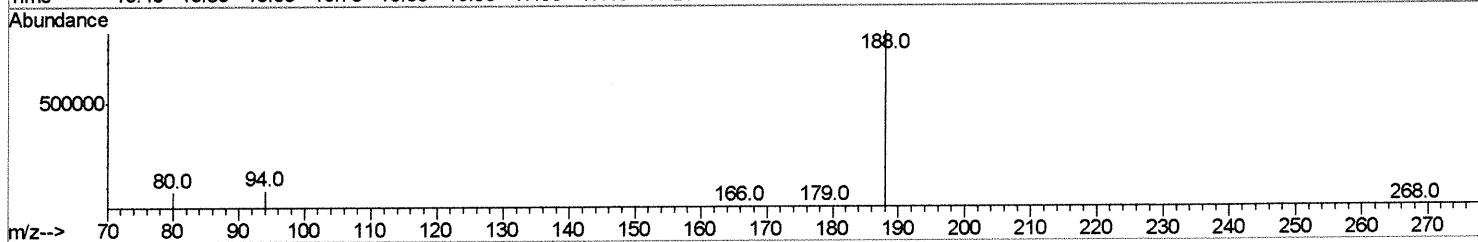
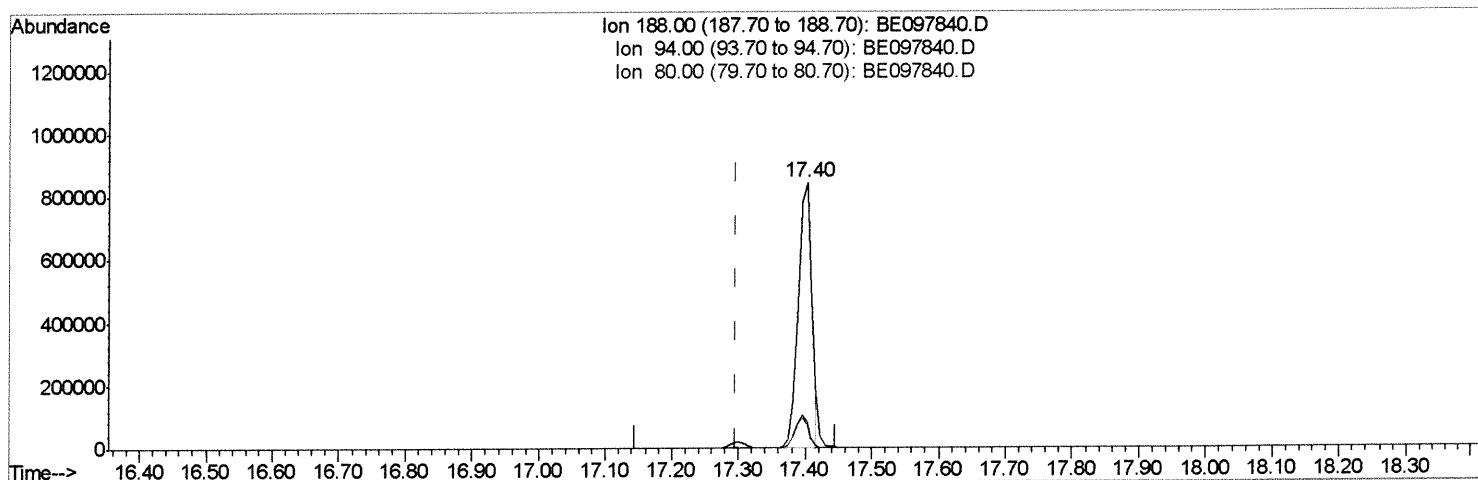
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Manual Integrations
APPROVED

Sohil
10/11/2018 5:33:47 PM

Quant Time: Oct 11 01:23:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 01:20:33 2018
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TIC: BE097840.D

(10) Phenanthrene-d10 (I)

17.402min (+0.105) 0.40ng/ul

response 1242856

Ion	Exp%	Act%
188.00	100	100
94.00	8.60	9.95
80.00	9.30	8.73
0.00	0.00	0.00

Quantitation Report (Qedit)

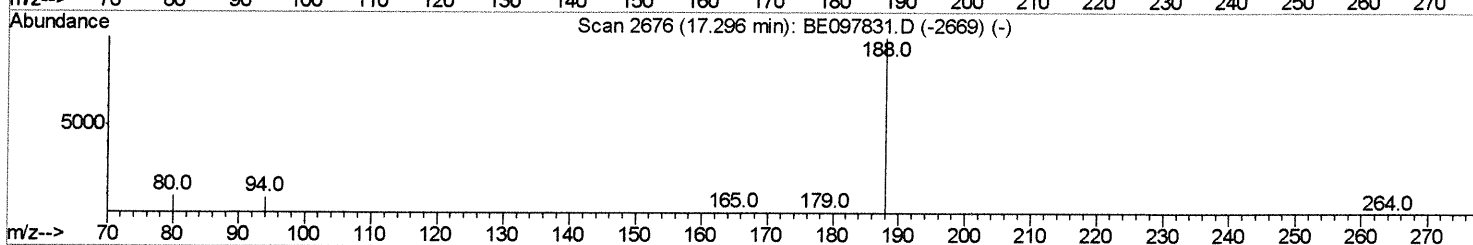
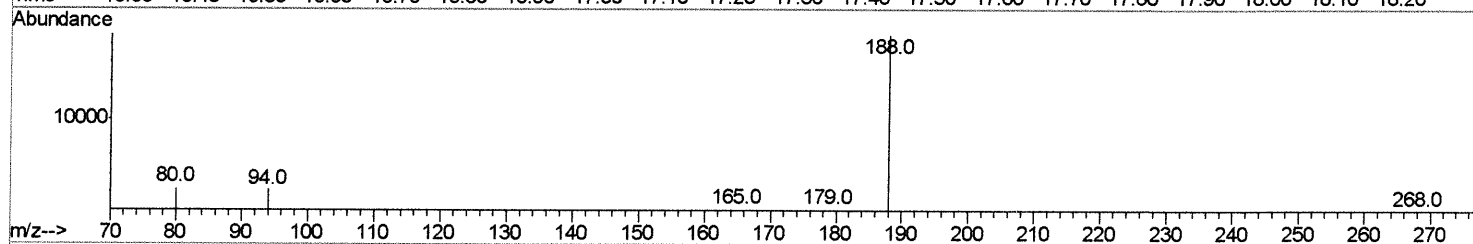
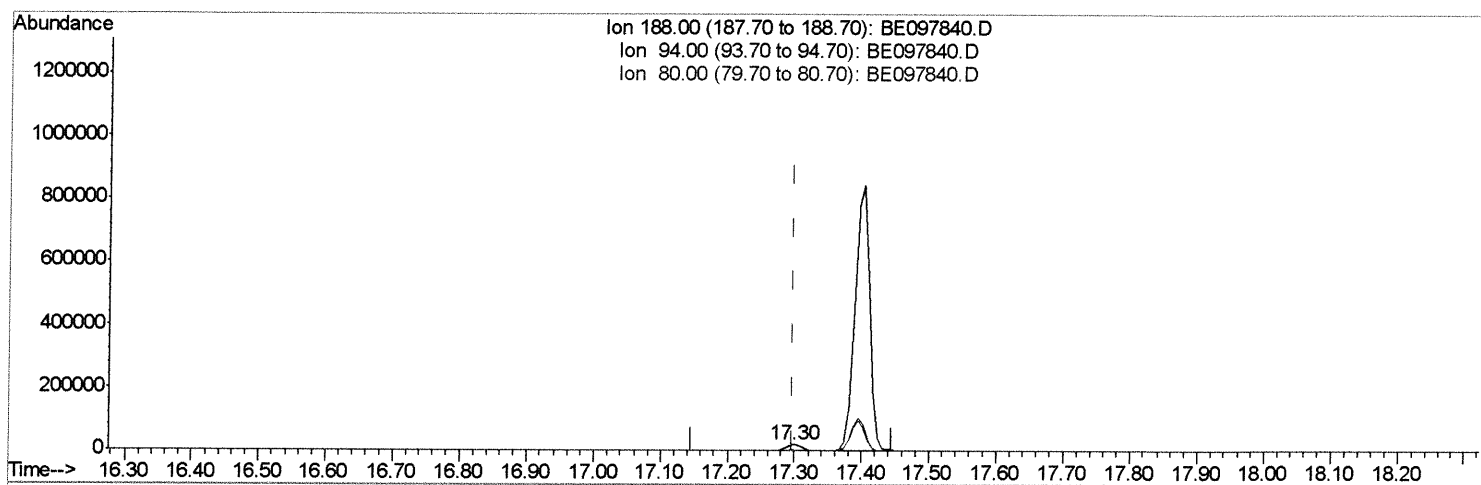
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TIC: BE097840.D

(10) Phenanthrene-d10 (I)

17.296min (-0.000) 0.40ng/ul m > SJ 10/16/18

response 28474

Ion	Exp%	Act%
188.00	100	100
94.00	8.60	11.85#
80.00	9.30	12.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

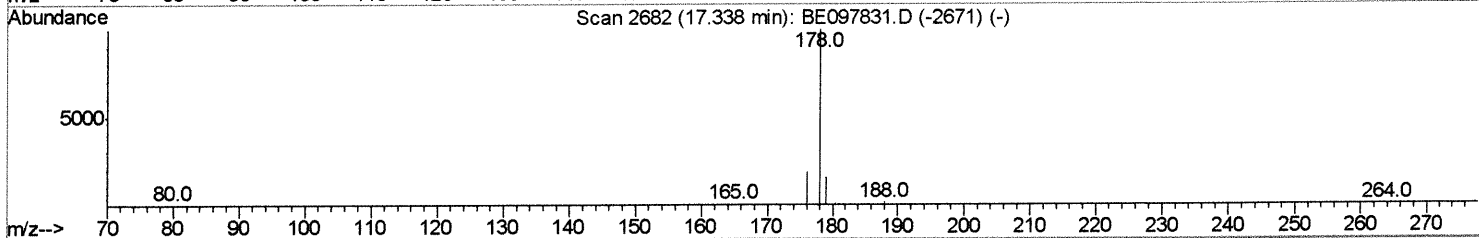
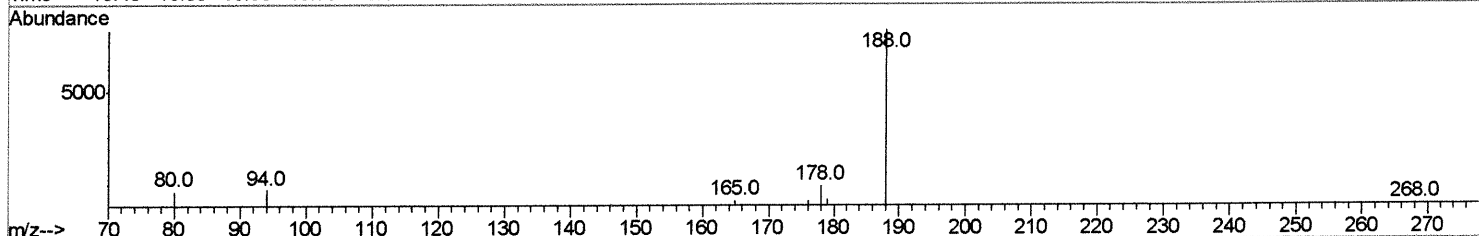
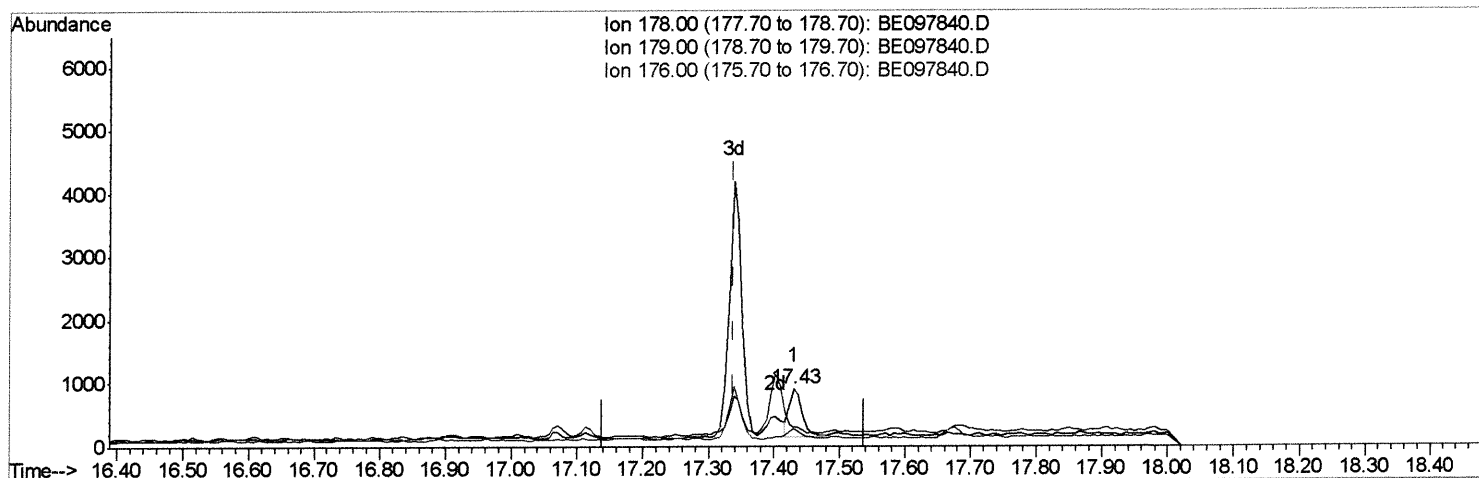
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Sohil
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Quant Time: Oct 11 02:08:20 2018
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(12) Phenanthrene
 17.430min (+0.091) 0.02ng/ui
 response 1044

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	34.21#
176.00	18.60	30.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

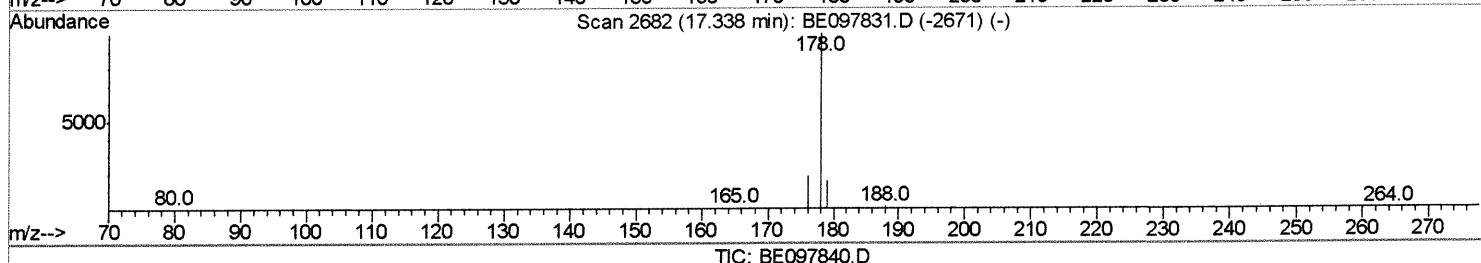
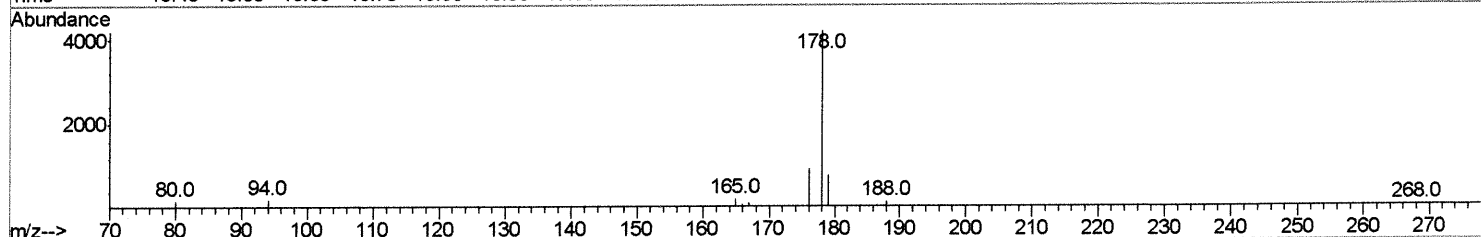
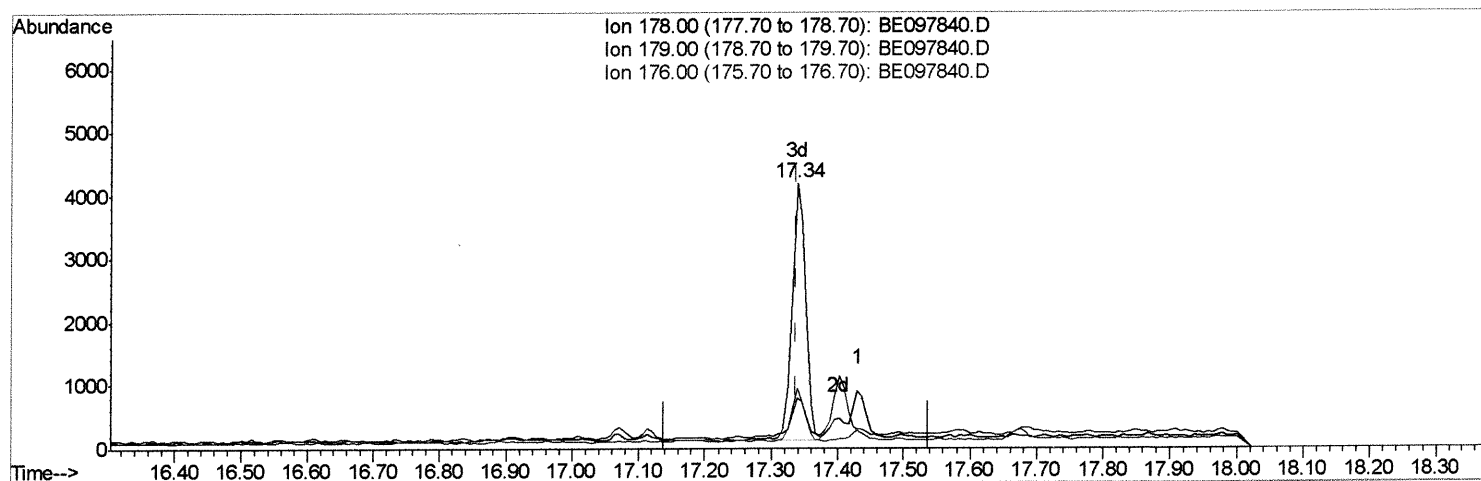
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(12) Phenanthrene

17.338min (-0.000) 0.08ng/ul m> SJ 10/16/18

response 5623

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	19.30#
176.00	18.60	22.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

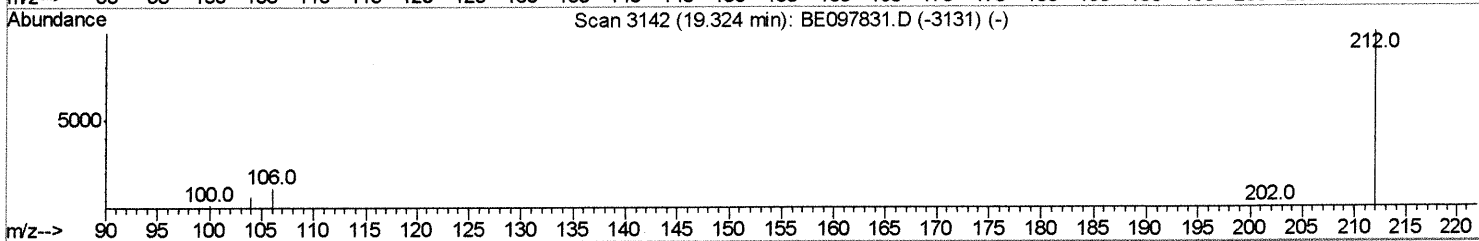
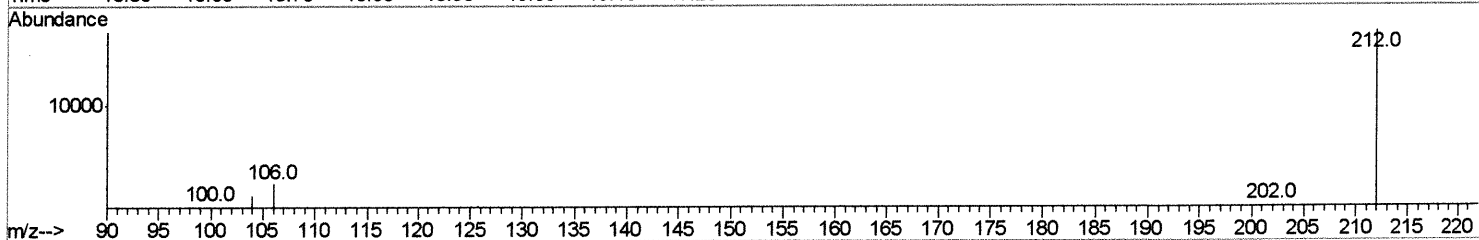
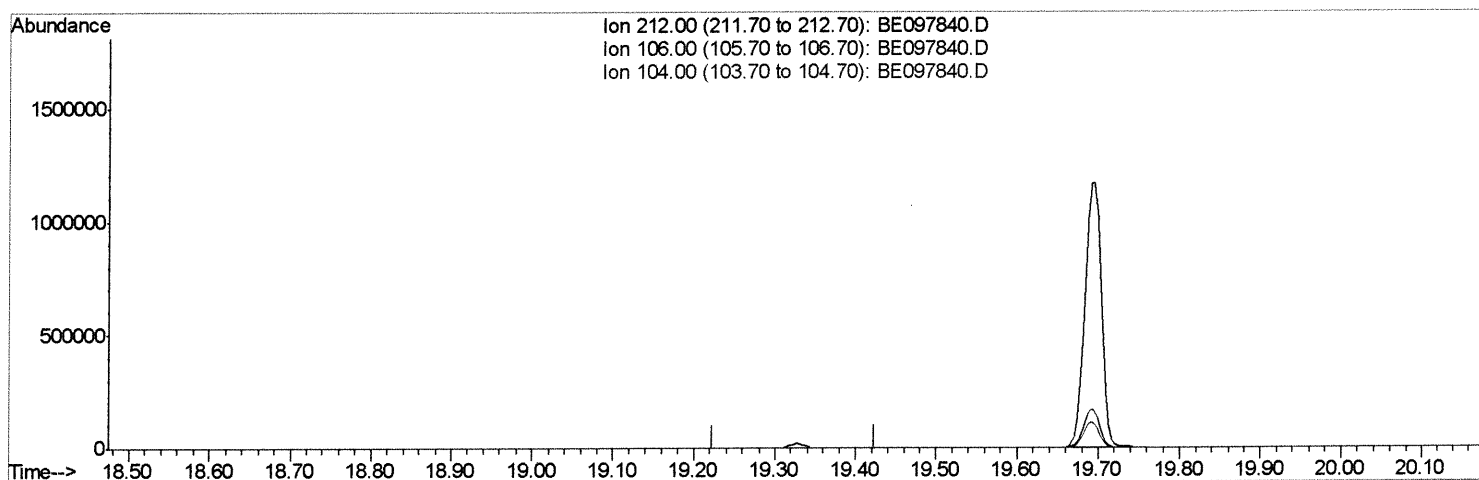
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(14) Fluoranthene-d10 (SURR)

19.324min (-19.324) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	10.20	0.00#
104.00	5.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

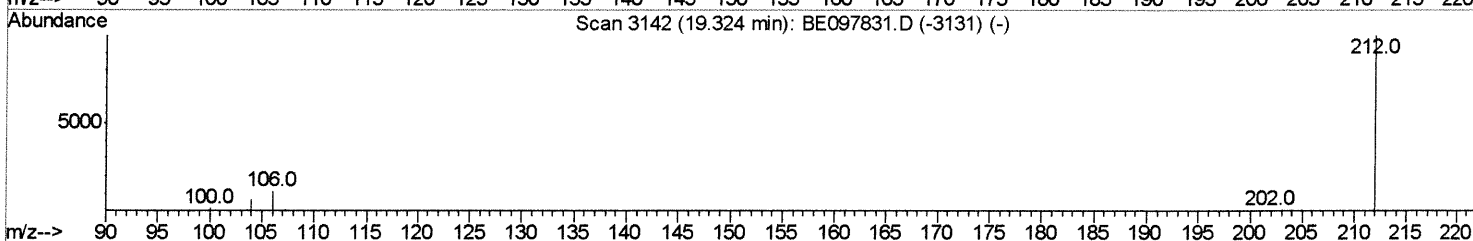
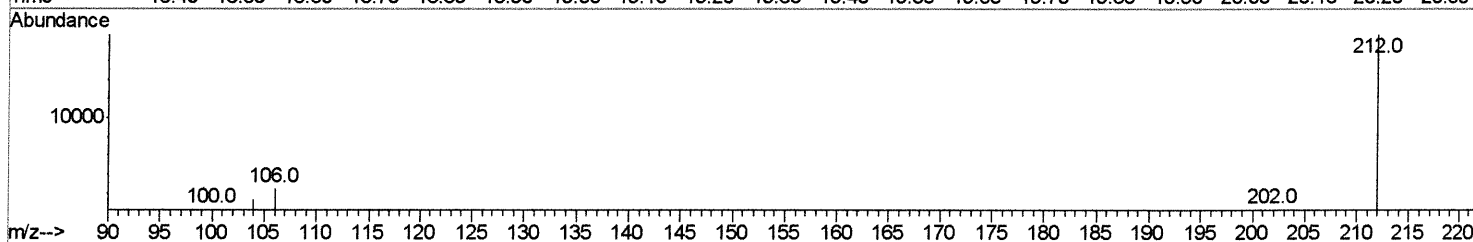
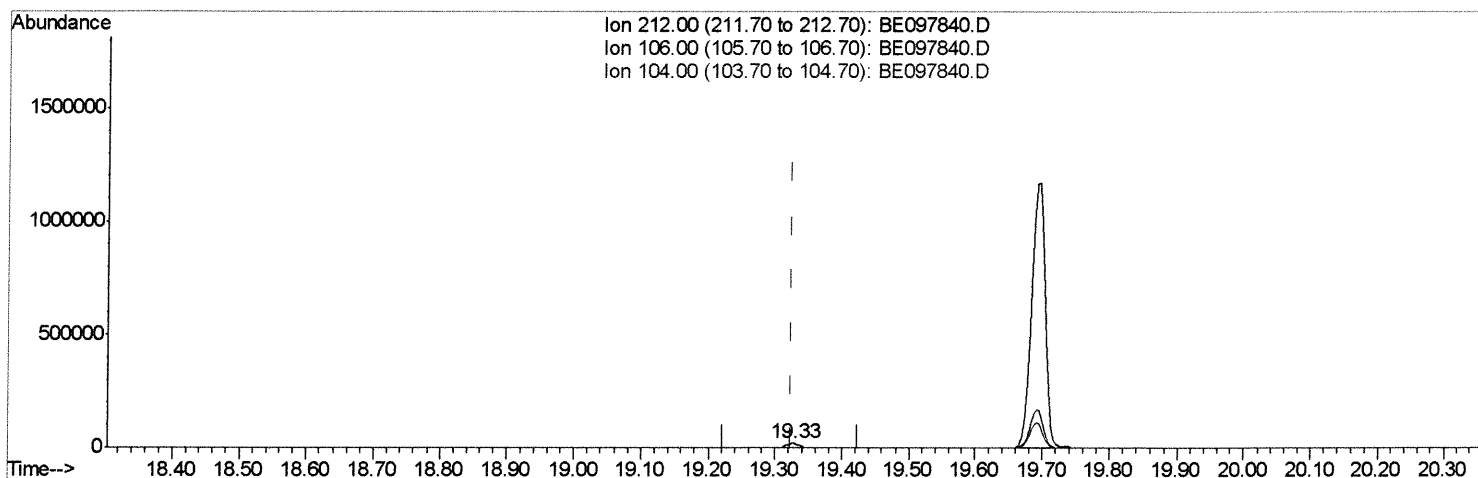
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TIC: BE097840.D

(14) Fluoranthene-d10 (SURR)

19.327min (+0.003) 0.26ng/ul m> SJ 10/16/18

response 23909

Ion	Exp%	Act%
212.00	100	100
106.00	10.20	0.00#
104.00	5.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

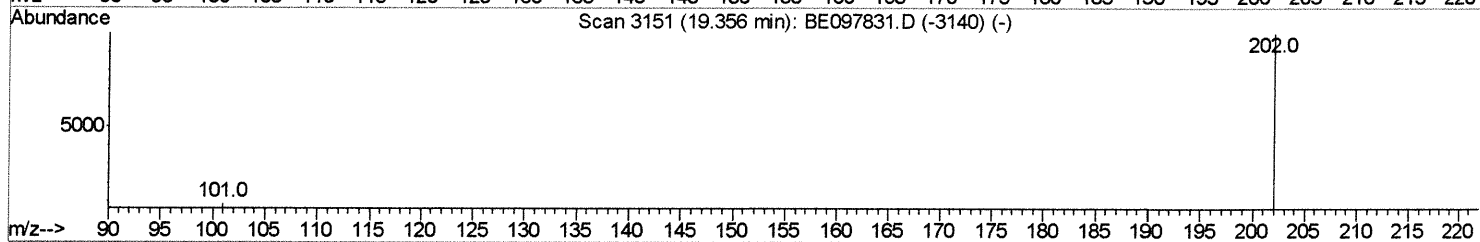
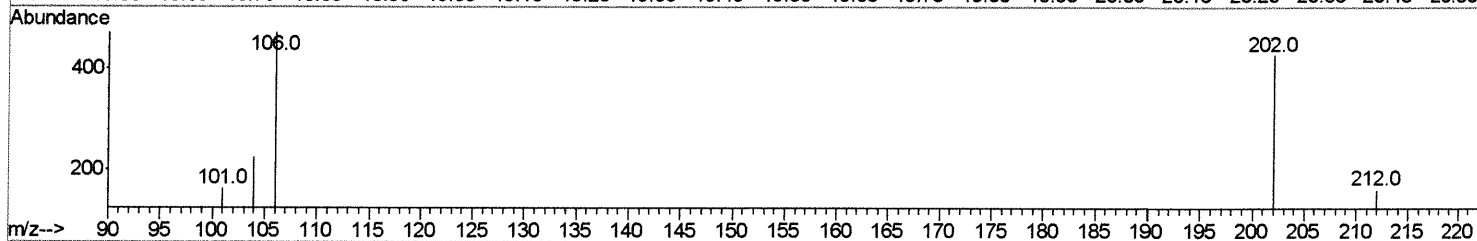
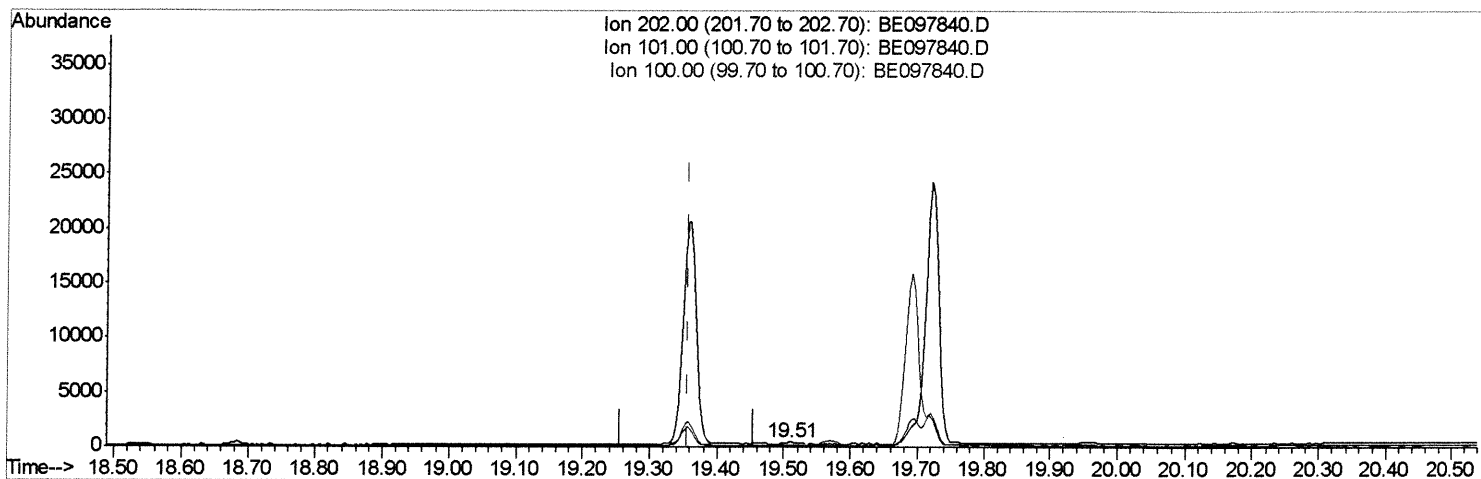
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TIC: BE097840.D

(15) Fluoranthene (C)

19.509min (+0.153) 0.00ng/ul

response 210

Ion	Exp%	Act%
202.00	100	100
101.00	9.30	37.91#
100.00	7.50	29.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

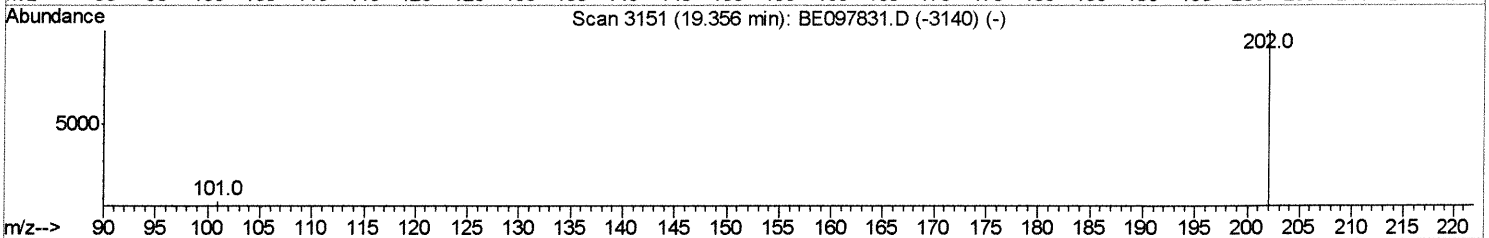
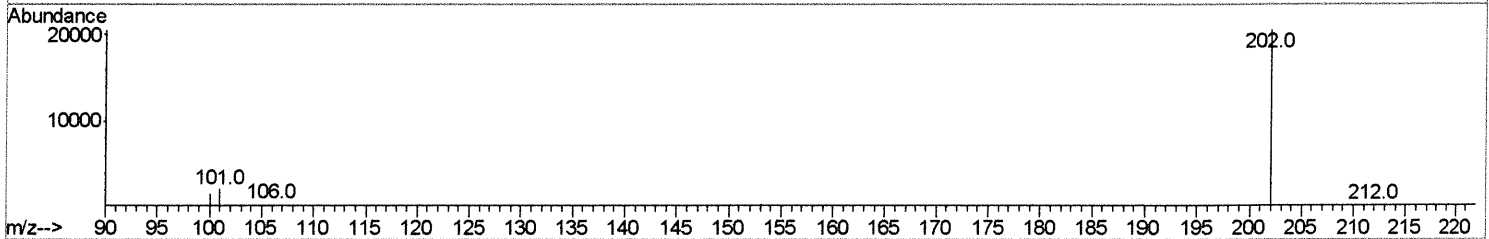
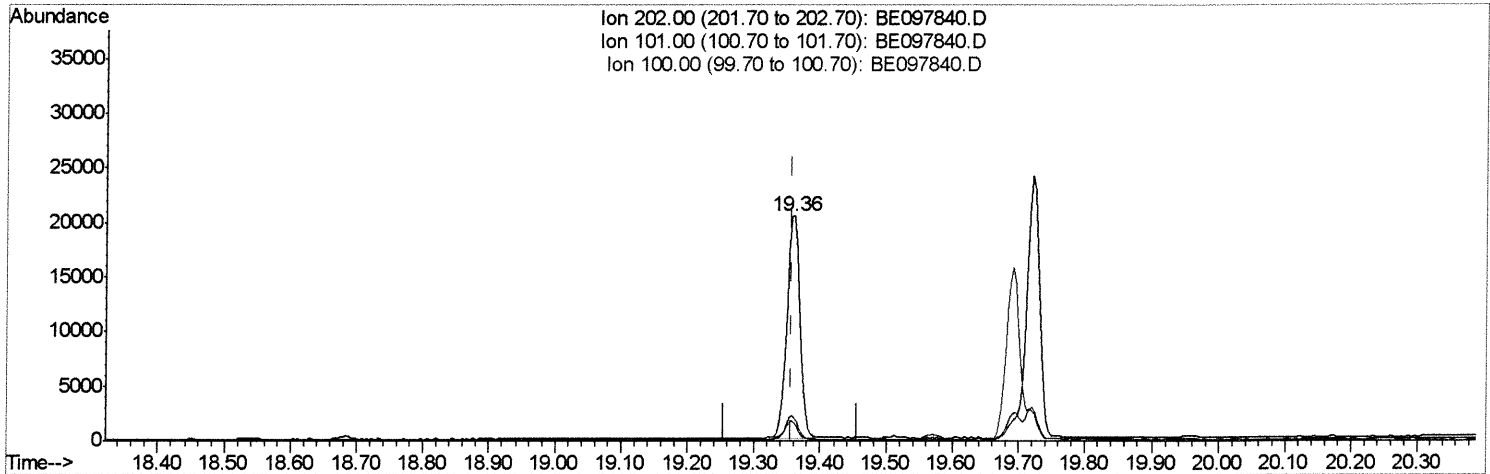
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
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Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:33:47 PM

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TIC: BE097840.D

(15) Fluoranthene (C)

19.359min (+0.003) 0.31ng/ul m > SJ 10/16/18

response 27519

Ion	Exp%	Act%
202.00	100	100
101.00	9.30	10.34
100.00	7.50	8.23
0.00	0.00	0.00

Quantitation Report (Qedit)

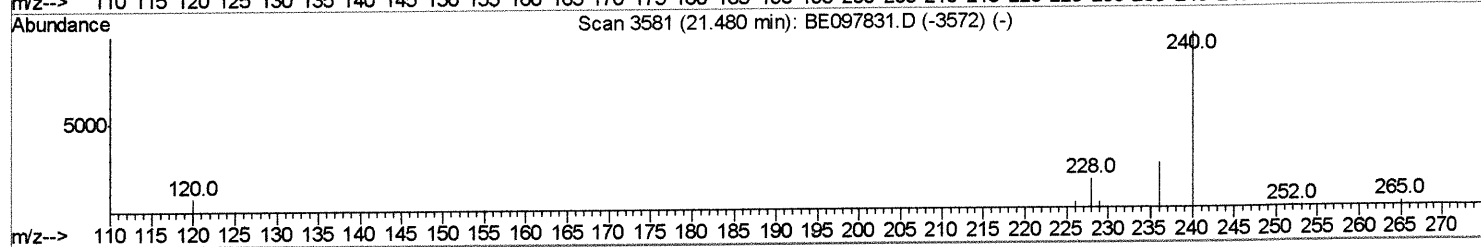
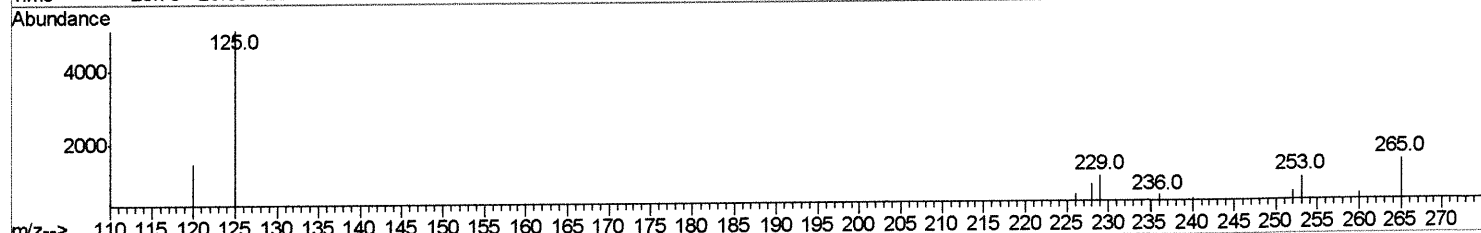
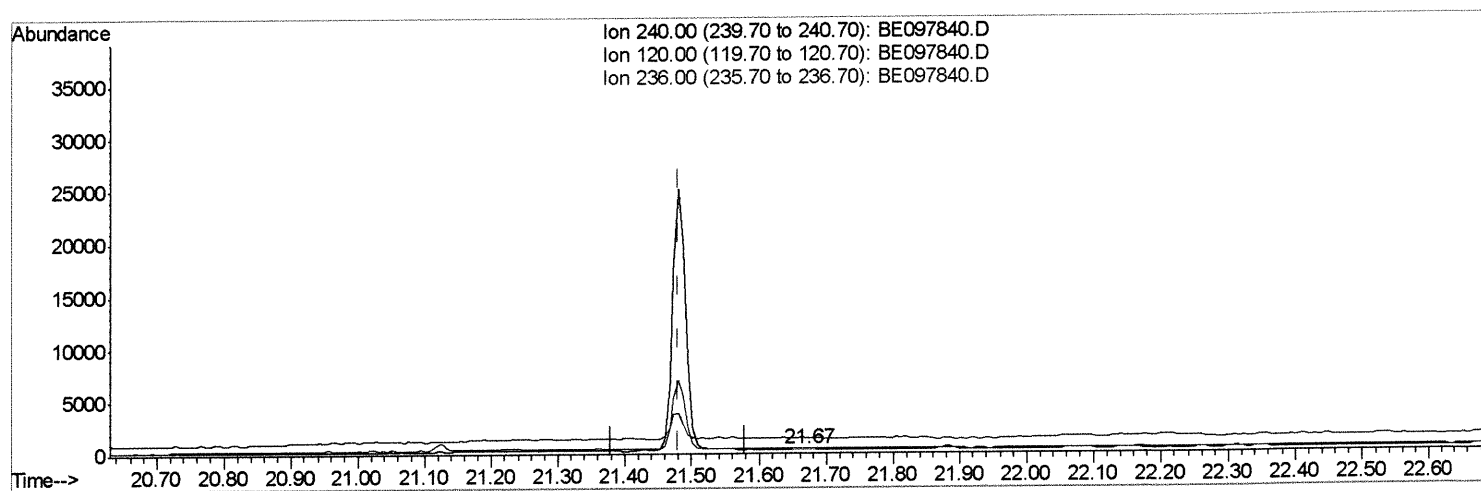
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Manual Integrations
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(16) Chrysene-d12 (I)

21.670min (+0.190) 0.40ng/ul

response 78

Ion	Exp%	Act%
240.00	100	100
120.00	10.70	385.30#
236.00	27.00	124.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

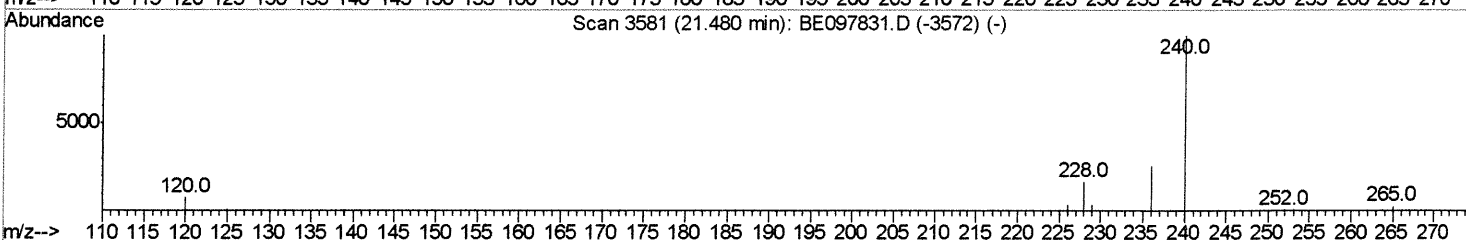
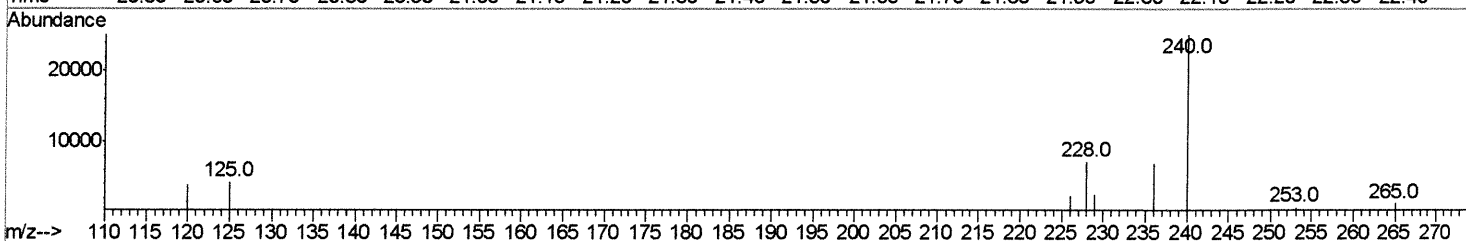
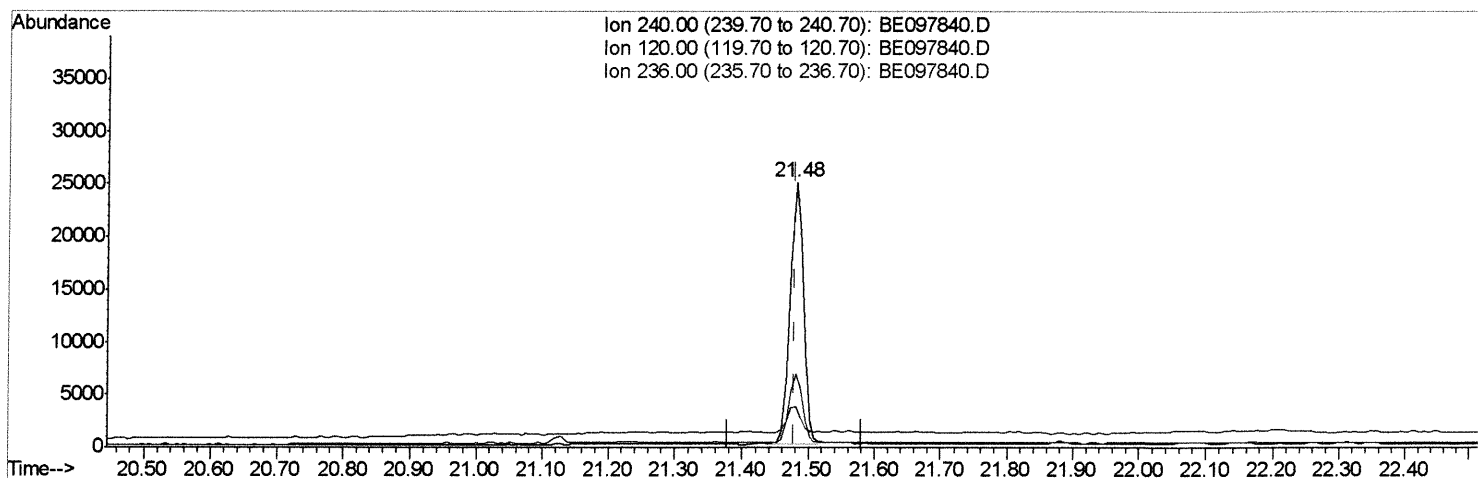
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TIC: BE097840.D

(16) Chrysene-d12 (I)

21.480min (+0.000) 0.40ng/ul m) SJ 10/16/18

response 34184

Ion	Exp%	Act%
240.00	100	100
120.00	10.70	15.31#
236.00	27.00	27.92
0.00	0.00	0.00

Quantitation Report (Qedit)

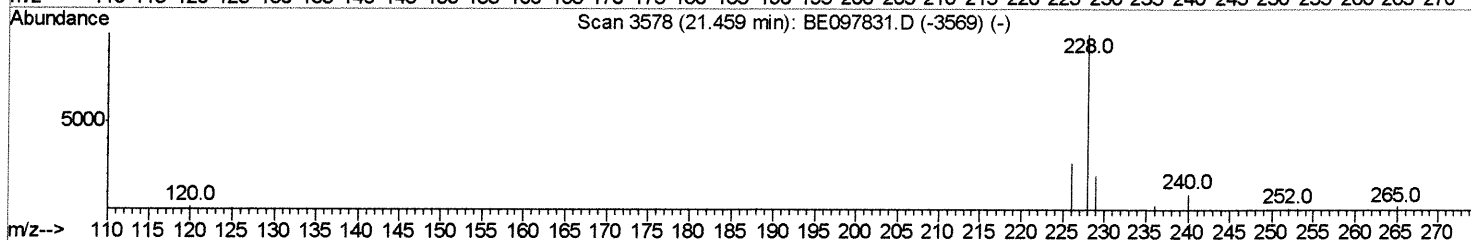
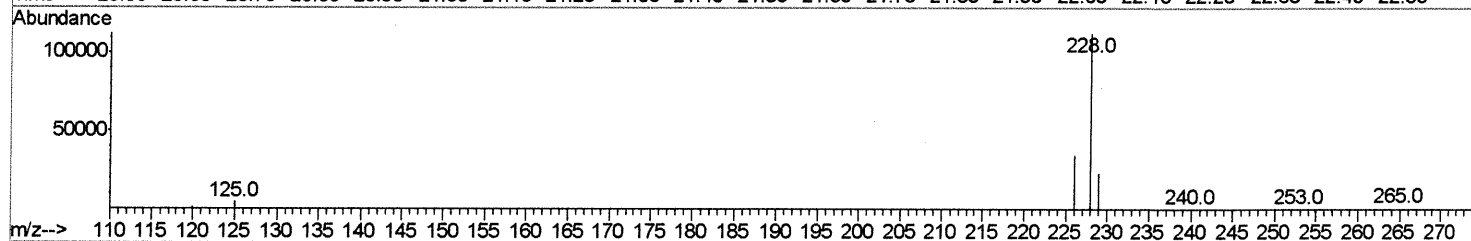
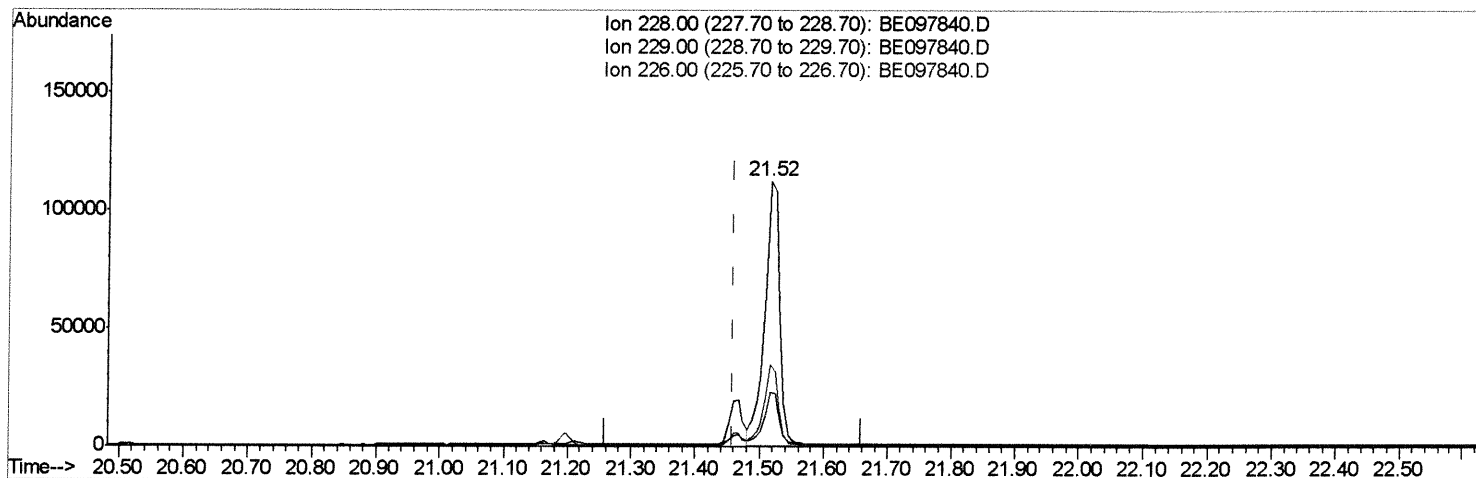
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(18) Benzo(a)anthracene

21.515min (+0.056) 1.89ng/ul

response 179212

Ion	Exp%	Act%
228.00	100	100
229.00	20.50	20.46
226.00	26.90	30.86
0.00	0.00	0.00

Quantitation Report (Qedit)

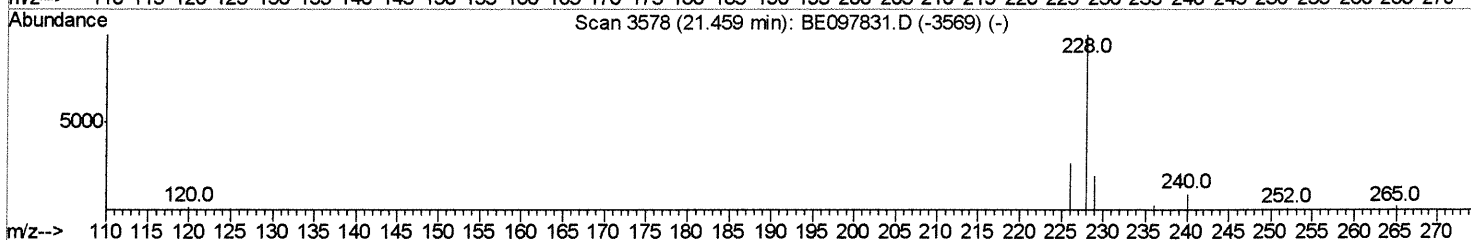
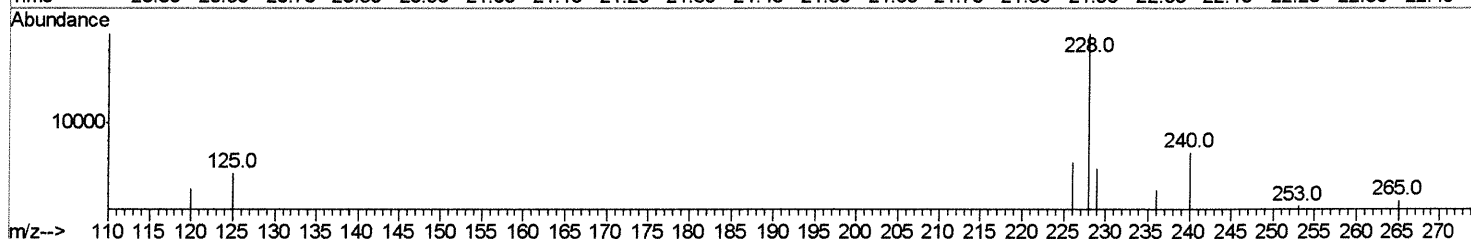
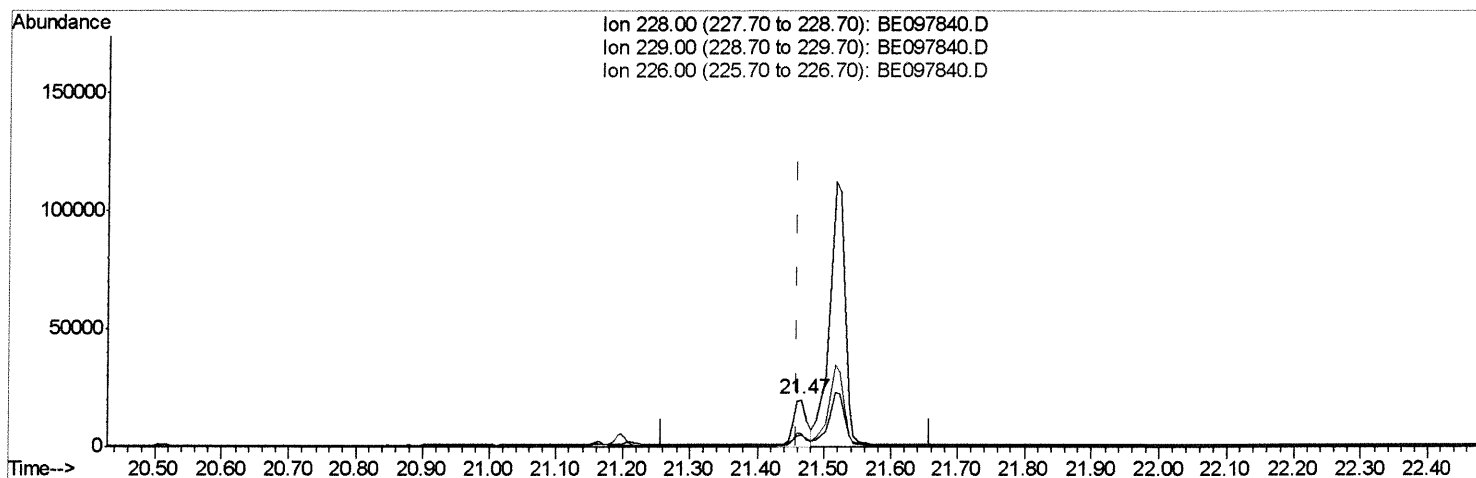
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(18) Benzo(a)anthracene

21.466min (+0.007) 0.31ng/ul m > SJ 10/16/18

response 29763

Ion	Exp%	Act%
228.00	100	100
229.00	20.50	24.63#
226.00	26.90	27.80
0.00	0.00	0.00

Quantitation Report (Qedit)

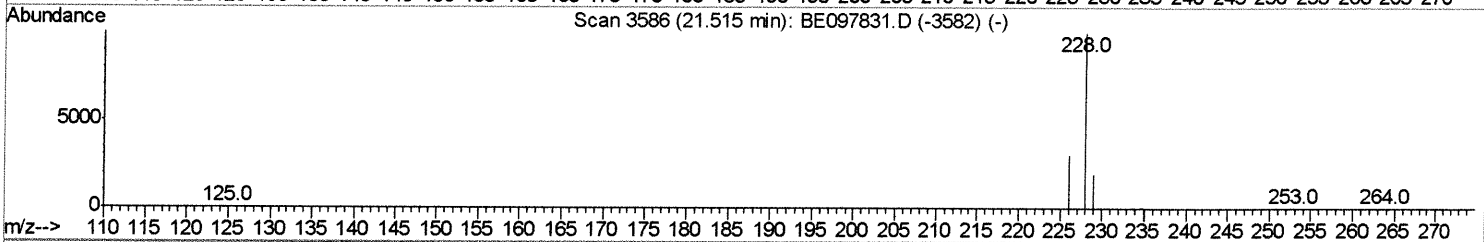
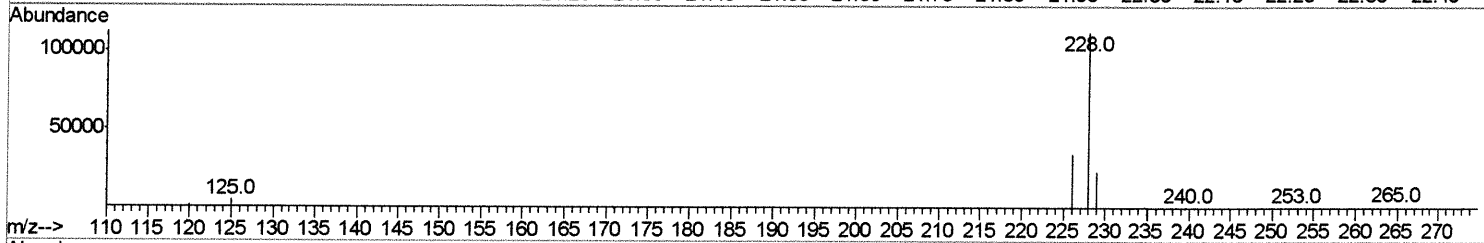
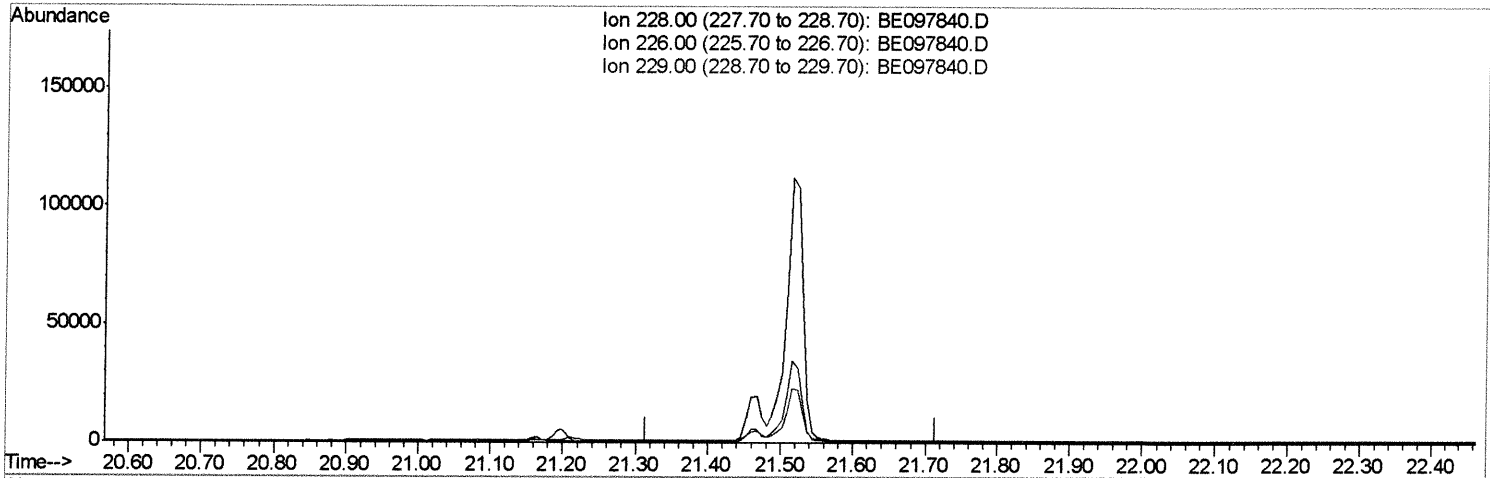
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TIC: BE097840.D

(19) Chrysene

21.515min (-21.515) 0.00ng/ui

response 0

Ion	Exp%	Act%
228.00	100	0.00
226.00	28.70	0.00#
229.00	19.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

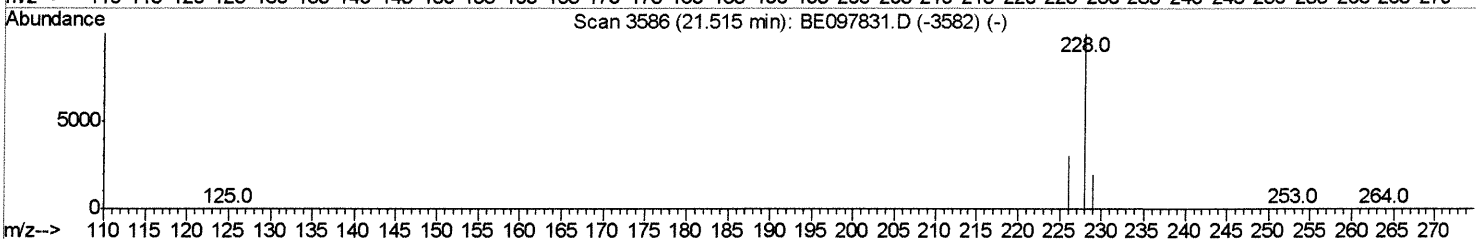
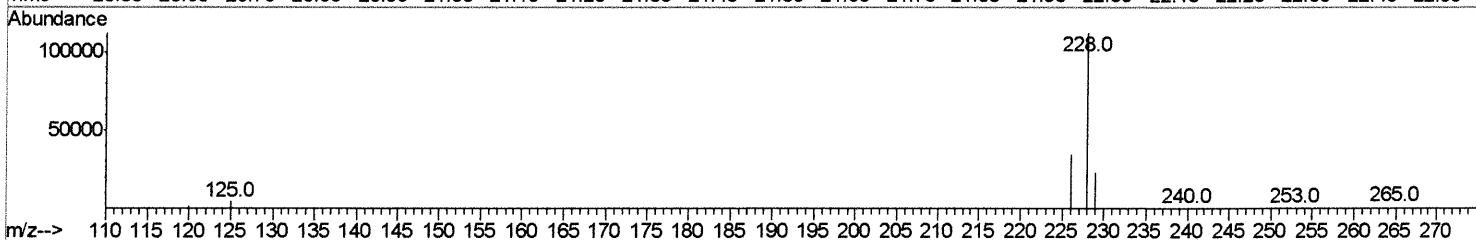
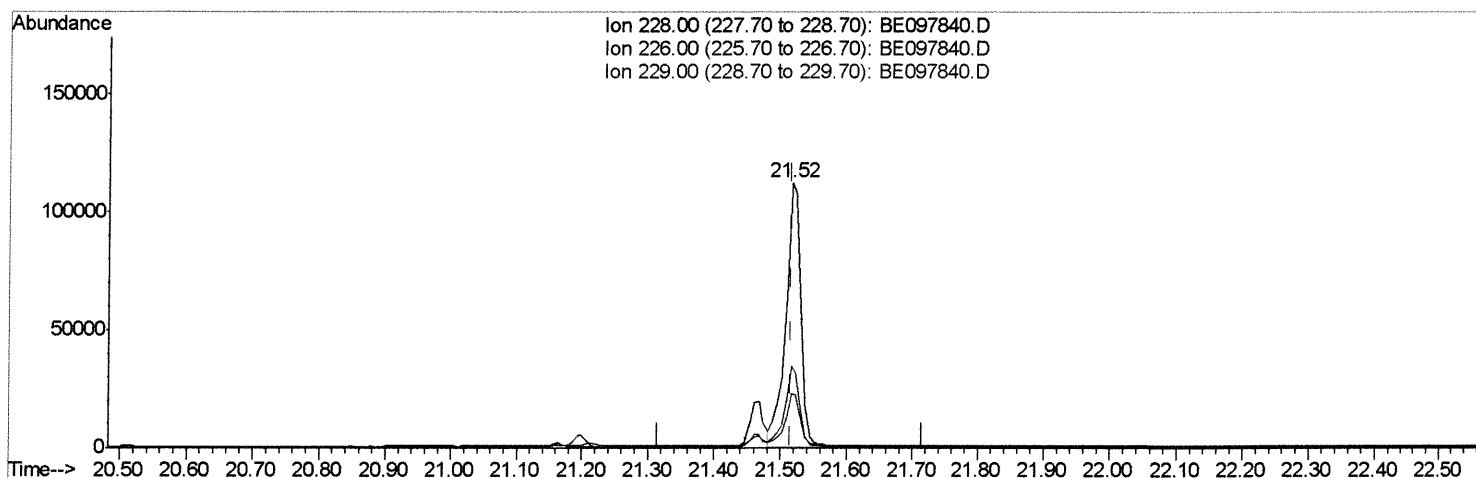
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
 Data File : BE097840.D
 Acq On : 10 Oct 2018 22:43
 Operator : SJ/JU
 Sample : J5183-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 JLC18

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:33:47 PM

Quant Time: Oct 11 02:09:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 01:20:33 2018
 Response via : Initial Calibration



TIC: BE097840.D

(19) Chrysene

21.515min (+0.000) 1.96ng/ul m > SJ 10/16/18

response 179357

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	30.86
229.00	19.40	20.46
0.00	0.00	0.00

Quantitation Report (Qedit)

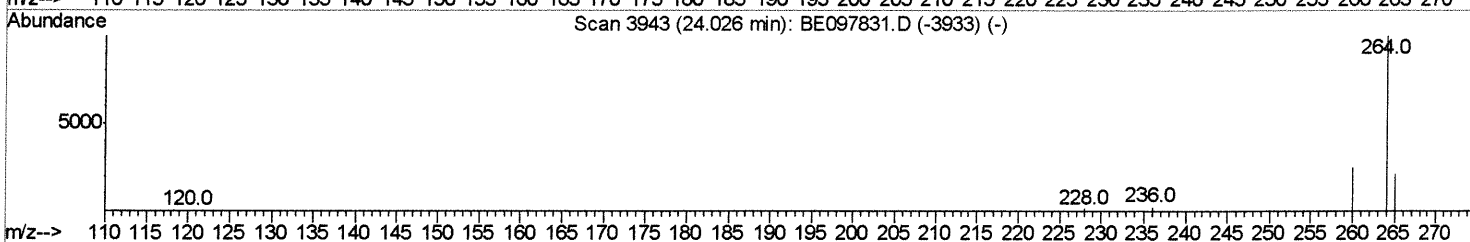
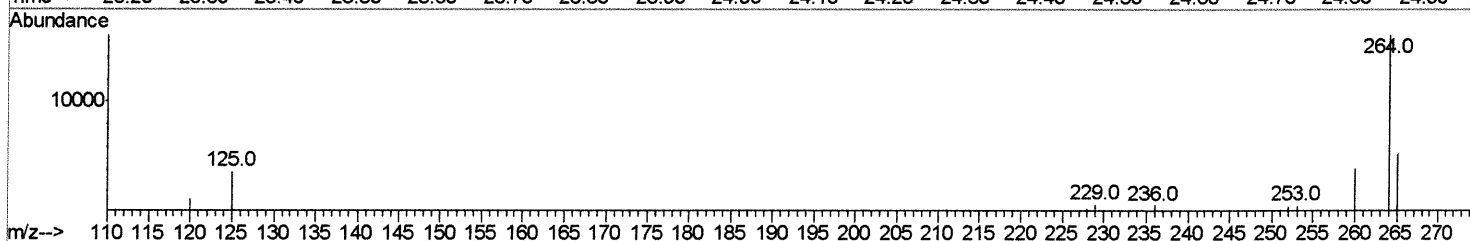
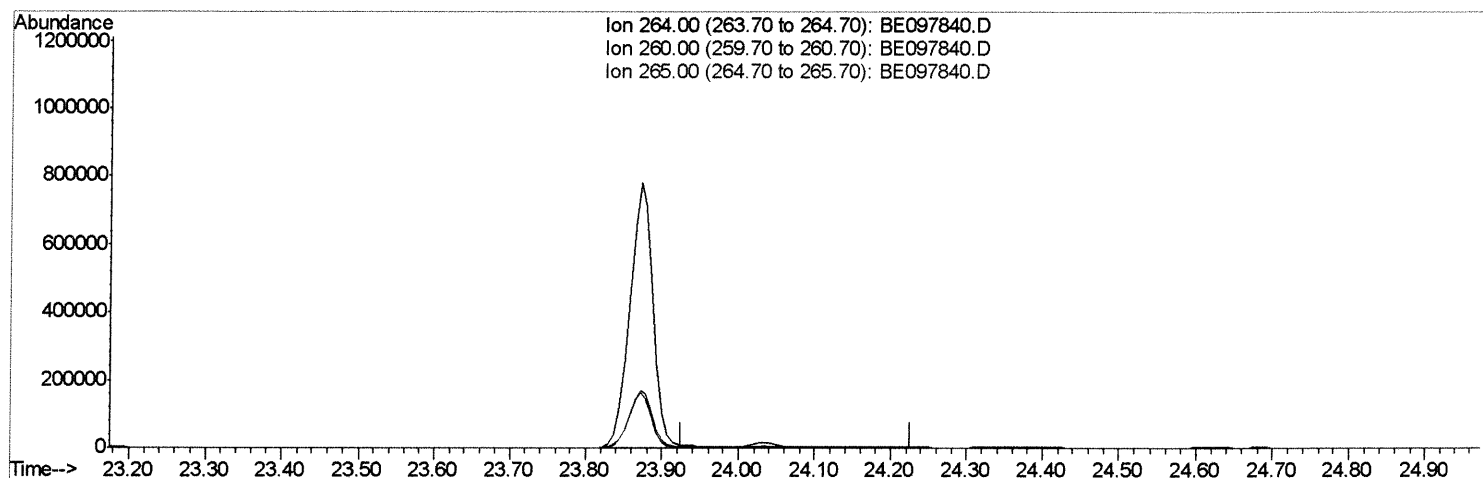
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
 Data File : BE097840.D
 Acq On : 10 Oct 2018 22:43
 Operator : SJ/JU
 Sample : J5183-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC18

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:33:47 PM

Quant Time: Oct 11 02:09:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 01:20:33 2018
 Response via : Initial Calibration



TIC: BE097840.D

(20) Perylene-d12 (I)

24.026min (-24.026) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	25.40	0.00#
265.00	26.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

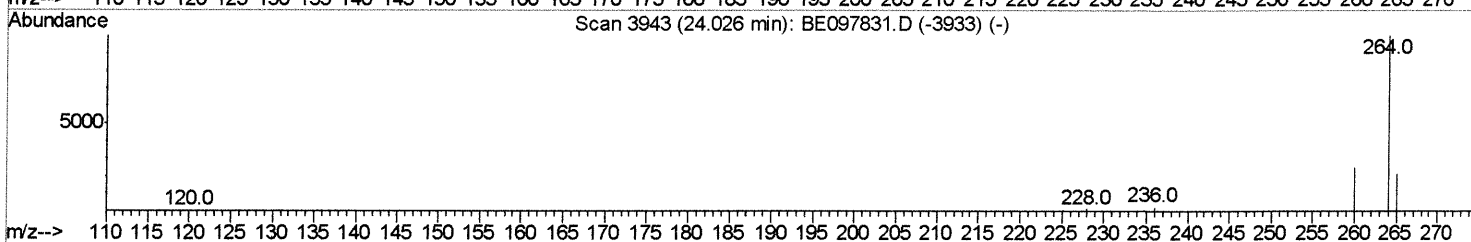
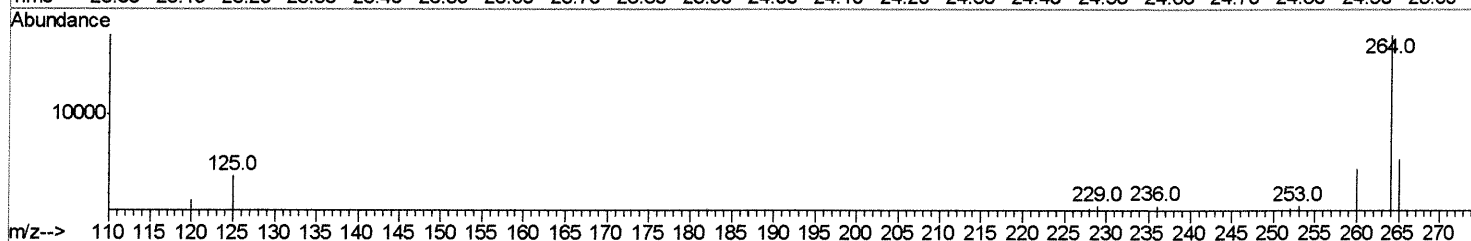
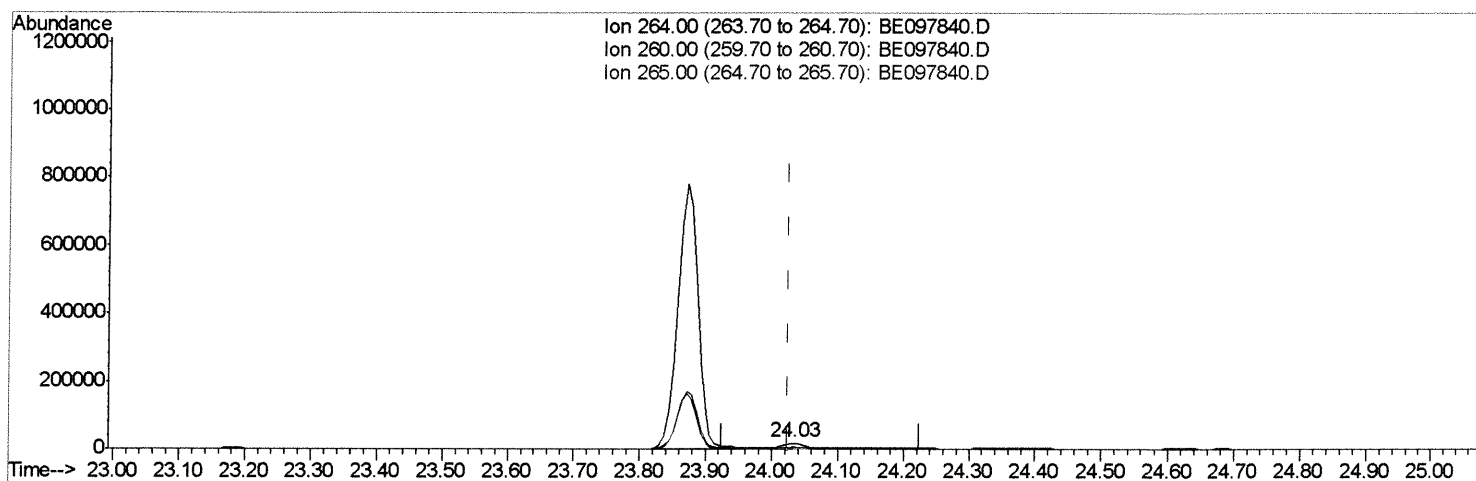
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
 Data File : BE097840.D
 Acq On : 10 Oct 2018 22:43
 Operator : SJ/JU
 Sample : J5183-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC18

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:33:47 PM

Quant Time: Oct 11 02:09:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 01:20:33 2018
 Response via : Initial Calibration



TIC: BE097840.D

(20) Perylene-d12 (I)

24.033min (+0.007) 0.40ng/ul m > SJ 10/16/18

response 31644

Ion	Exp%	Act%
264.00	100	100
260.00	25.40	25.33
265.00	26.90	31.00
0.00	0.00	0.00

Quantitation Report (Qedit)

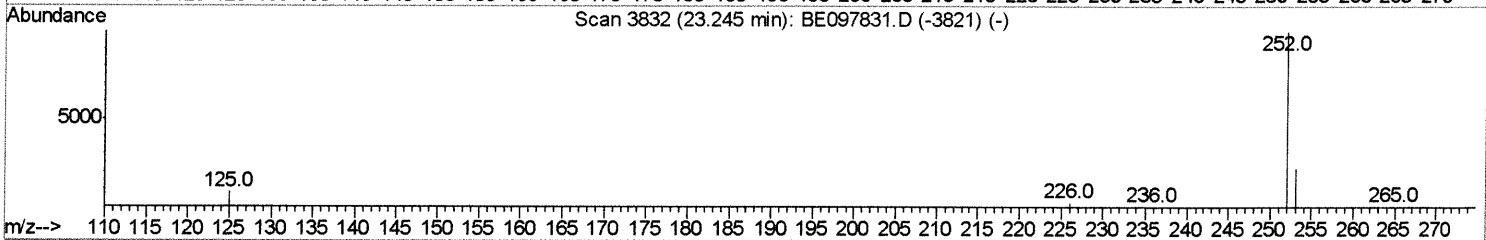
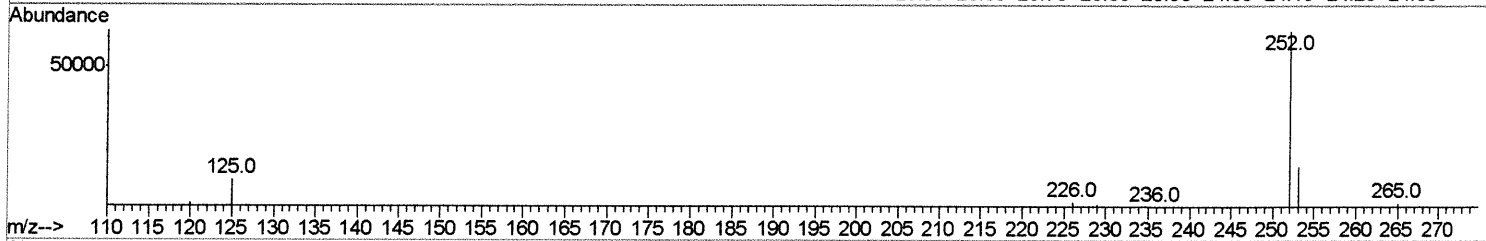
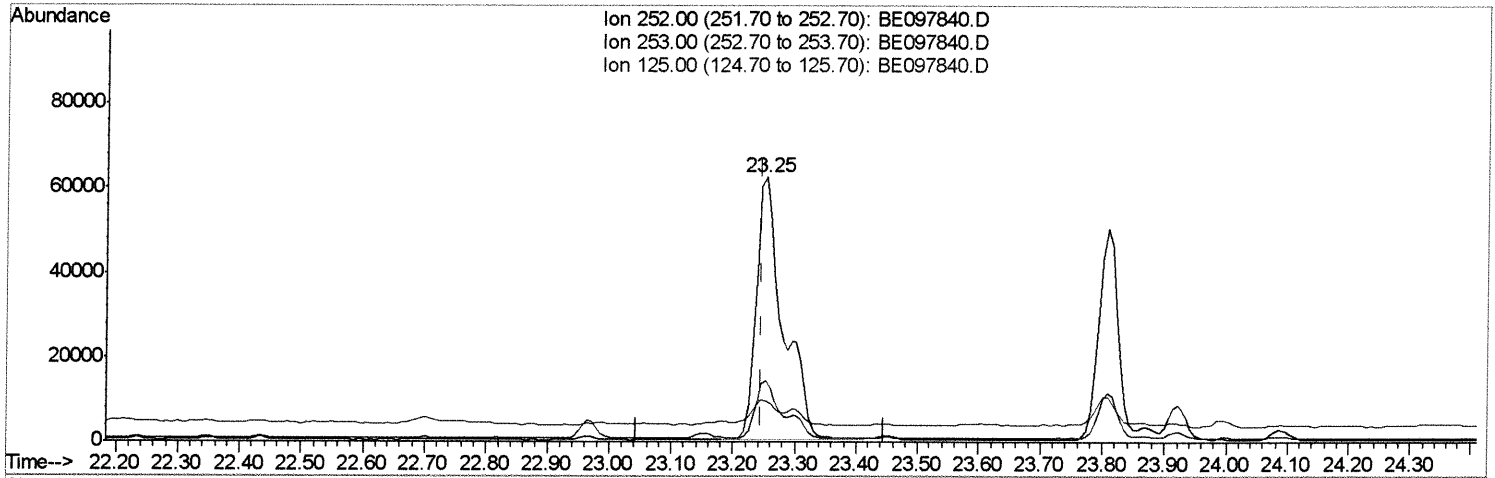
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
 Data File : BE097840.D
 Acq On : 10 Oct 2018 22:43
 Operator : SJ/JU
 Sample : J5183-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC18

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:33:47 PM

Quant Time: Oct 11 02:10:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 01:20:33 2018
 Response via : Initial Calibration



TIC: BE097840.D

(21) Benzo(b)fluoranthene
 23.252min (+0.007) 2.31ng/ul
 response 188980

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	23.33
125.00	9.10	15.66
0.00	0.00	0.00

Quantitation Report (Qedit)

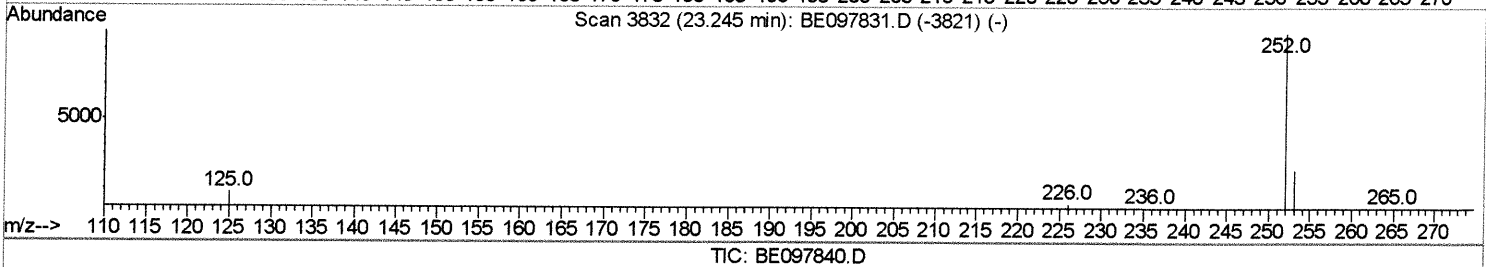
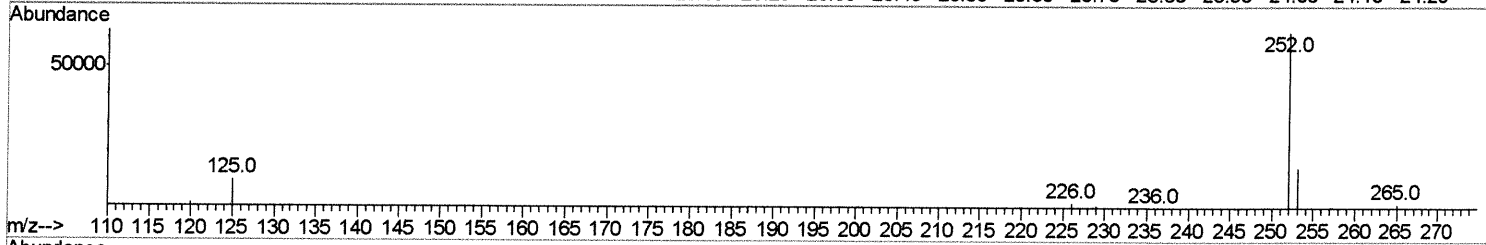
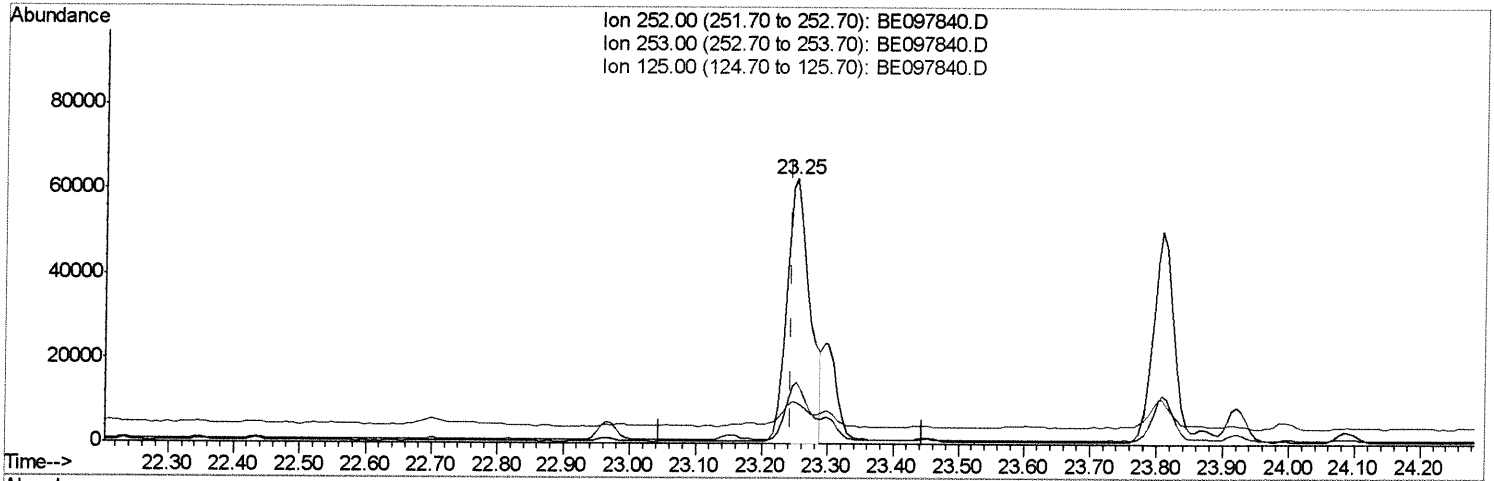
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
 Data File : BE097840.D
 Acq On : 10 Oct 2018 22:43
 Operator : SJ/JU
 Sample : J5183-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC18

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:33:47 PM

Quant Time: Oct 11 02:10:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 01:20:33 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.252min (+0.007) 1.87ng/ul m) SJ 10/16/18

response 153169

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	23.33
125.00	9.10	15.66
0.00	0.00	0.00

Quantitation Report (Qedit)

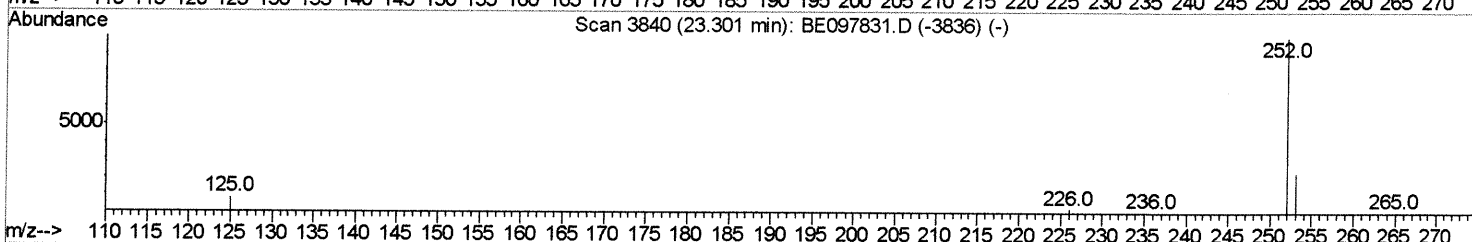
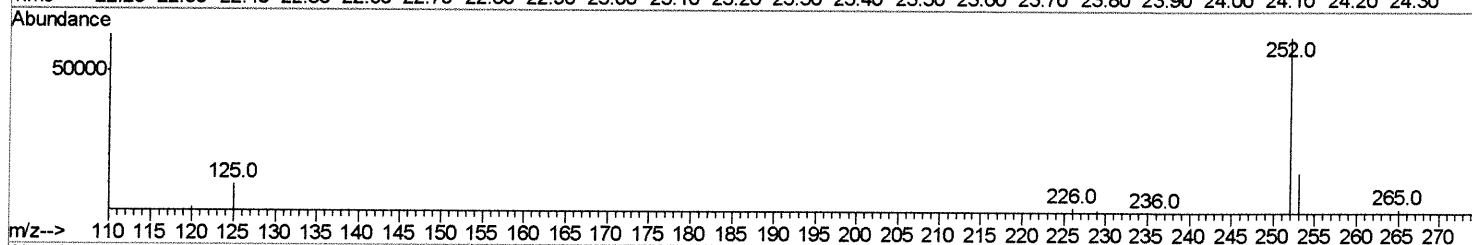
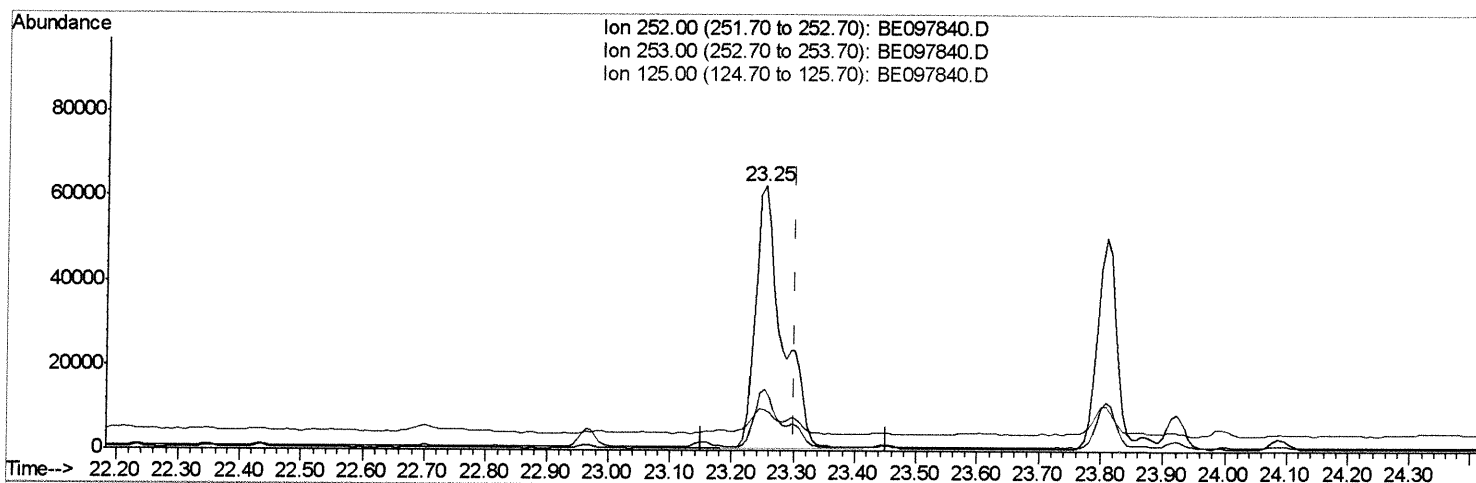
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
 Data File : BE097840.D
 Acq On : 10 Oct 2018 22:43
 Operator : SJ/JU
 Sample : J5183-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC18

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:33:47 PM

Quant Time: Oct 11 02:10:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 01:20:33 2018
 Response via : Initial Calibration



TIC: BE097840.D

(22) Benzo(k)fluoranthene

23.252min (-0.049) 2.04ng/ul

response 188980

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.33
125.00	11.70	15.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

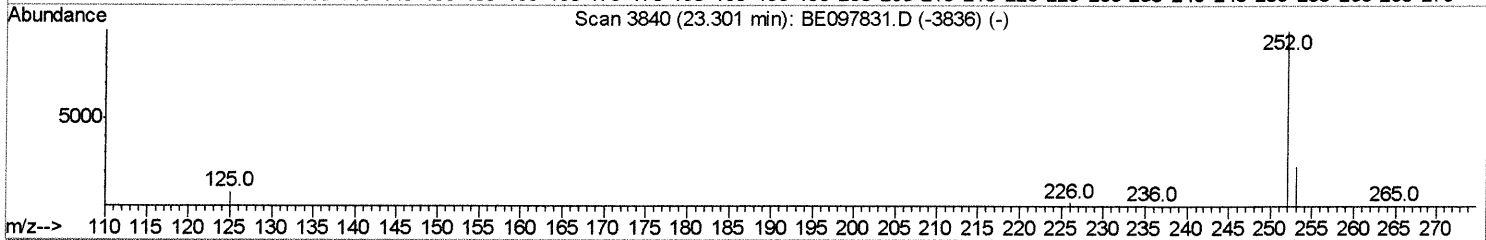
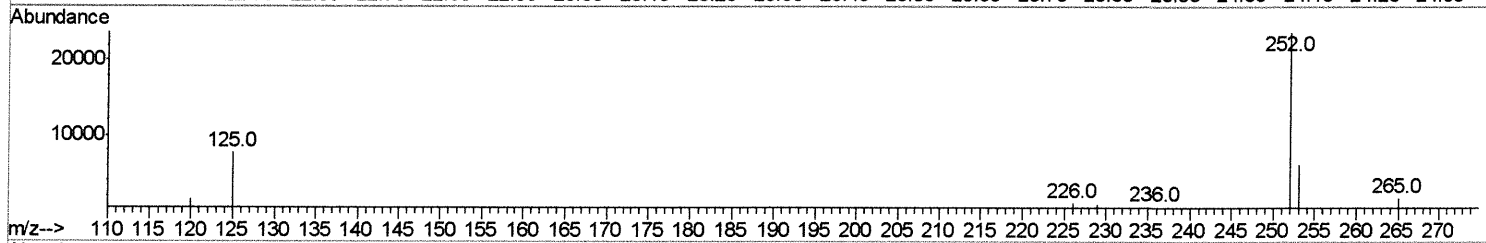
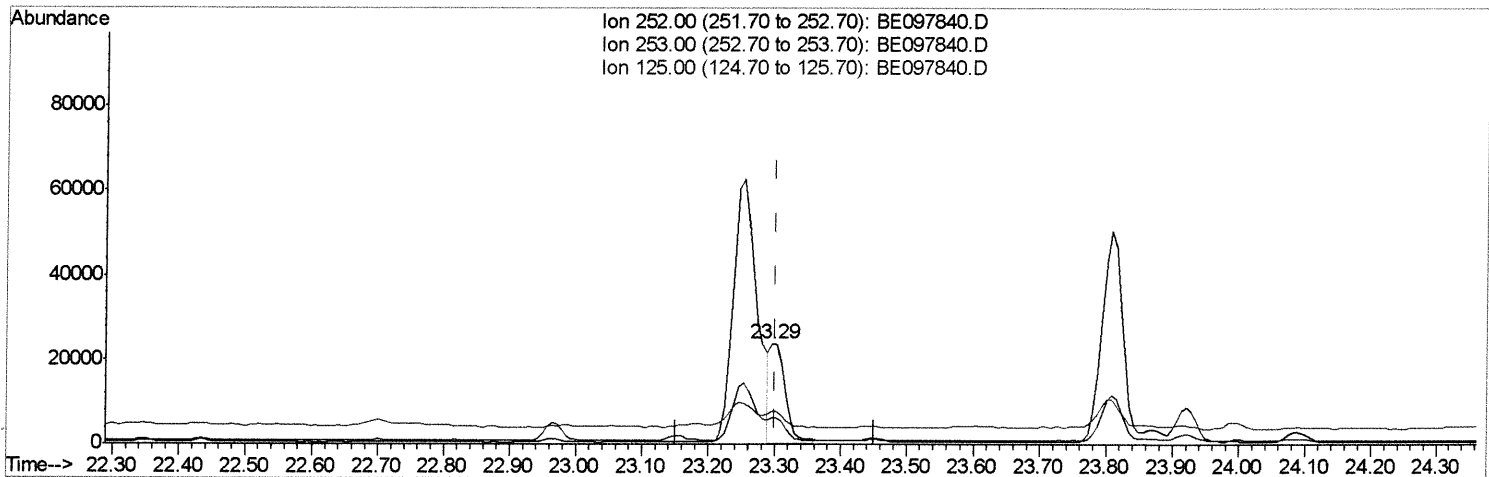
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
 Data File : BE097840.D
 Acq On : 10 Oct 2018 22:43
 Operator : SJ/JU
 Sample : J5183-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC18

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:33:47 PM

Quant Time: Oct 11 02:10:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 01:20:33 2018
 Response via : Initial Calibration



TIC: BE097840.D

(22) Benzo(k)fluoranthene

23.294min (-0.007) 0.40ng/ul m > SJ 10/16/18

response 36637

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	25.96
125.00	11.70	32.31#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
 Data File : BE097840.D
 Acq On : 10 Oct 2018 22:43
 Operator : SJ/JU
 Sample : J5183-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC18

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:33:47 PM

Quant Time: Oct 11 02:11:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 01:20:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2715	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	13386	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	10361	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	28474m	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	34184m	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	31644m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	5399	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	23909m	0.26	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.34	178	5623m	0.083	ng/ul	
15) Fluoranthene	19.36	202	27519m	0.307	ng/ul	
17) Pyrene	19.72	202	31282	0.372	ng/ul	96
18) Benzo(a)anthracene	21.47	228	29763m	0.314	ng/ul	
19) Chrysene	21.52	228	179357m	1.959	ng/ul	
21) Benzo(b)fluoranthene	23.25	252	153169m	1.873	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	36637m	0.395	ng/ul	
23) Benzo(a)pyrene	23.92	252	16487	0.220	ng/ul#	56
24) Indeno(1,2,3-cd)pyrene	26.72	276	44323	0.522	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.75	278	13045	0.184	ng/ul#	54
26) Benzo(a,h,i)perylene	27.54	276	49472	0.617	ng/ul#	93

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

SJ 10/16/18

SJ 10/16/18

SJ 10/16/18