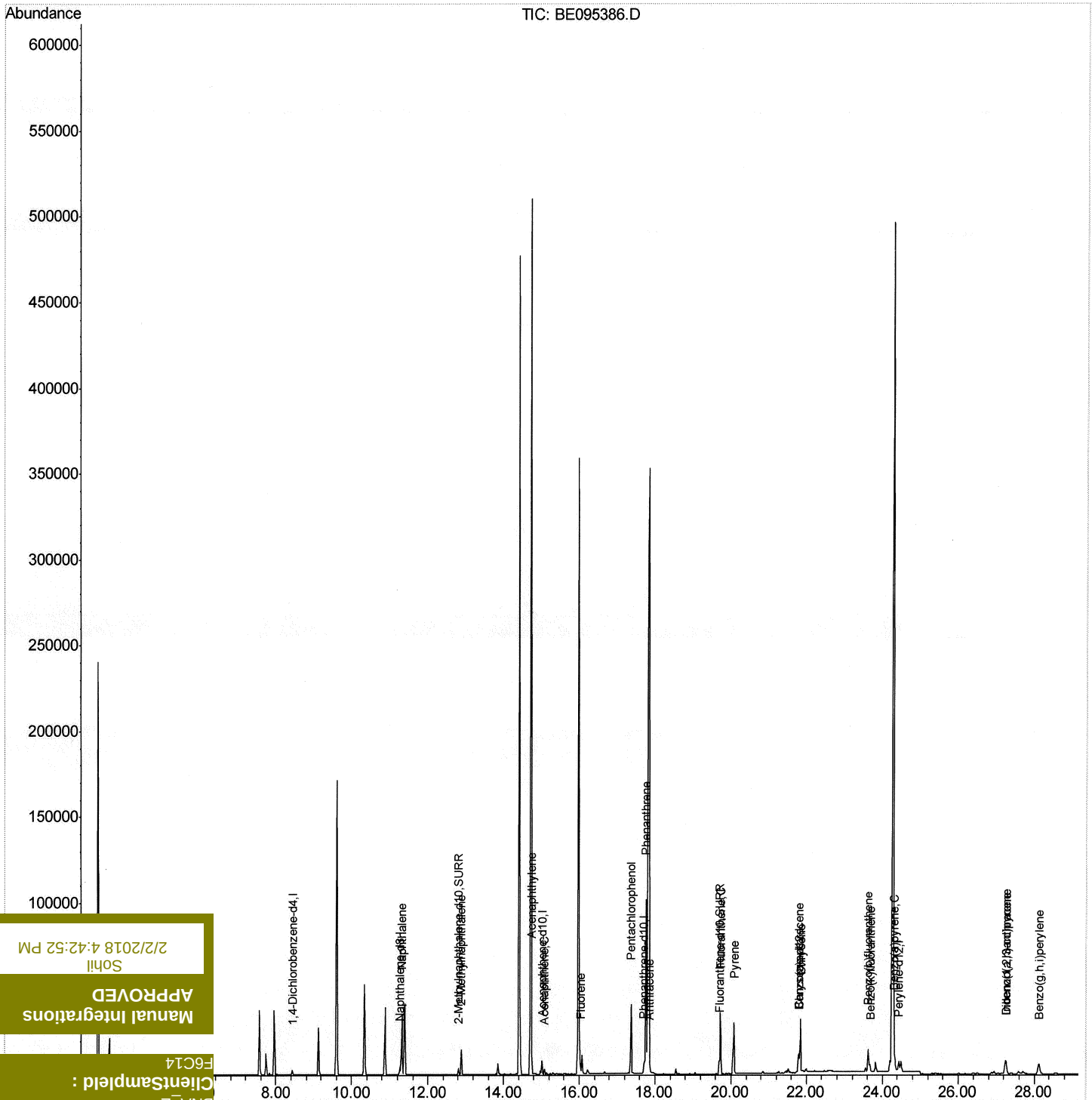


Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

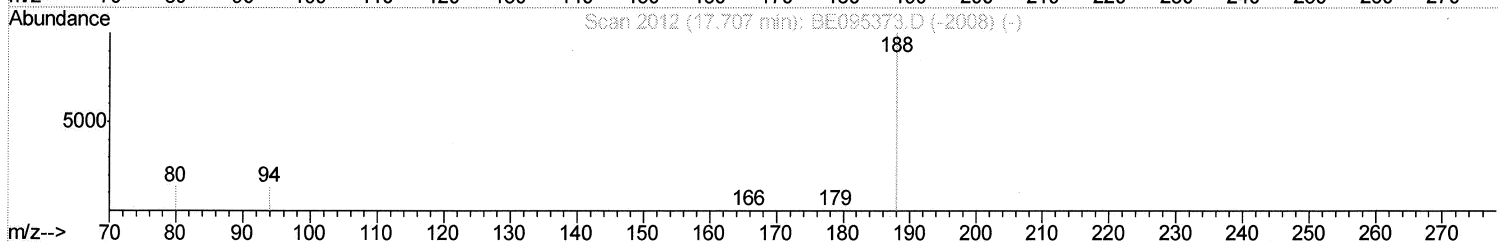
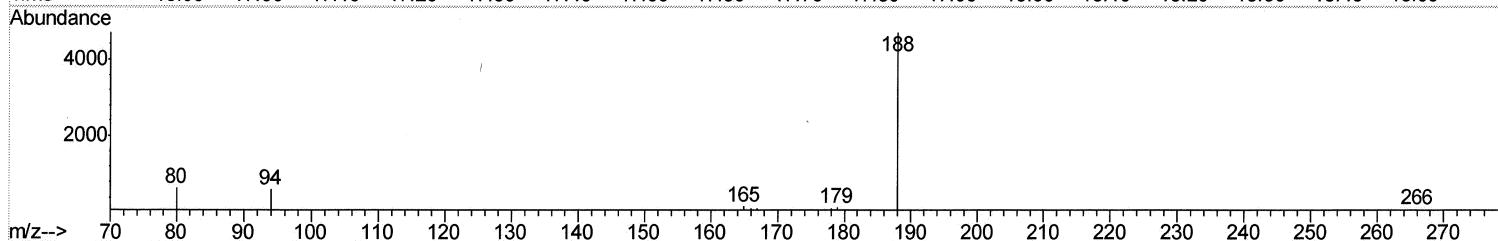
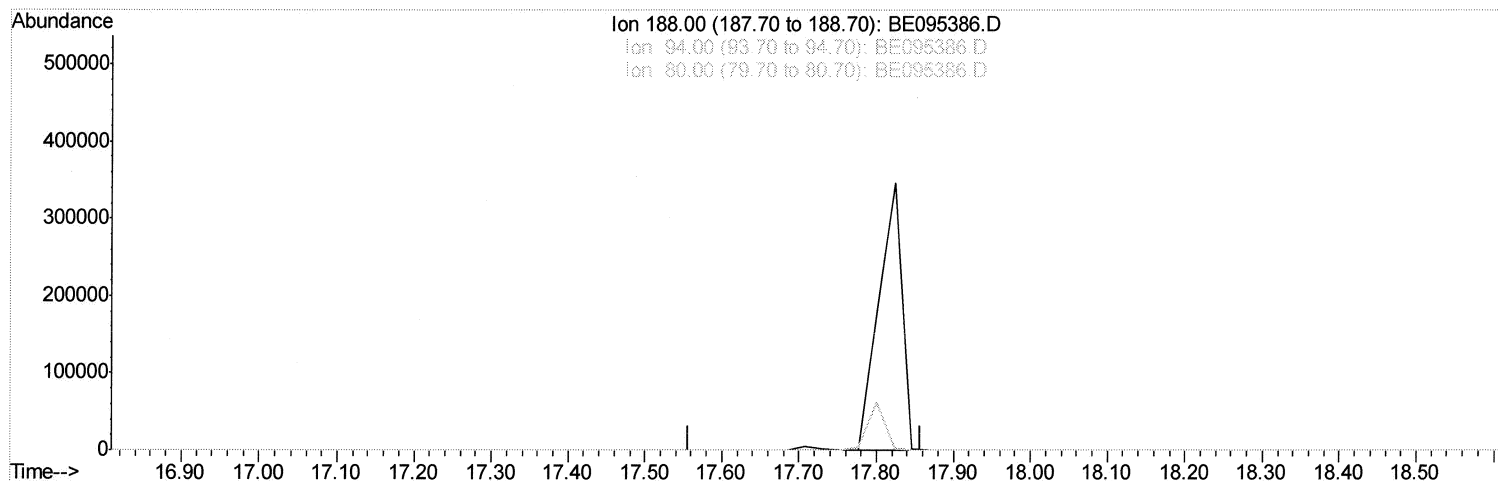
Quant Time: Feb 02 13:24:45 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 13:20:39 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration



TIC: BE095386.D

(10) Phenanthrene-d10 (I)

17.707min (-17.707) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	100.00	100.00
80.00	100.00	100.00

2/2/2018 4:42:52 PM

Sohil

APPROVED

Manual Integrations

F6C14

ClientSampled :

BNA_E

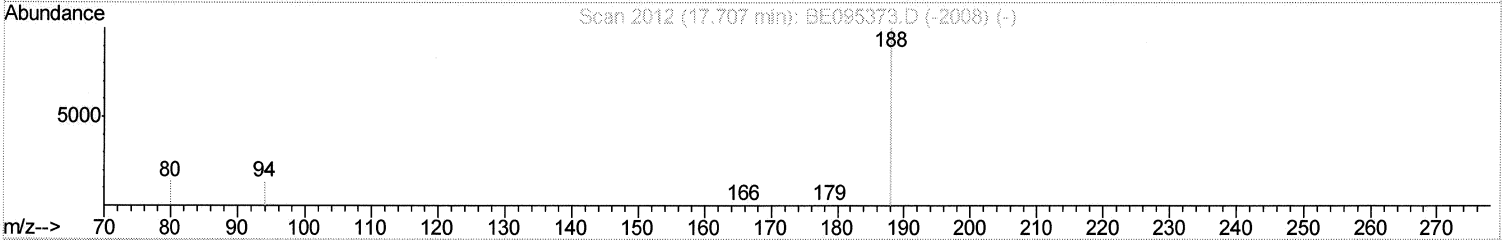
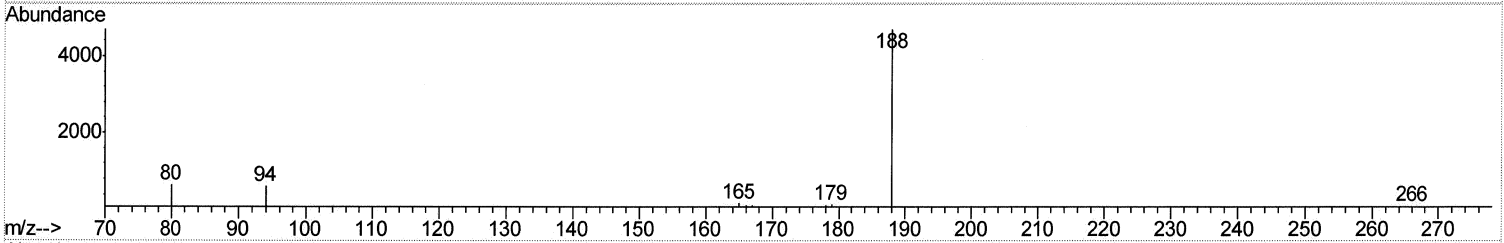
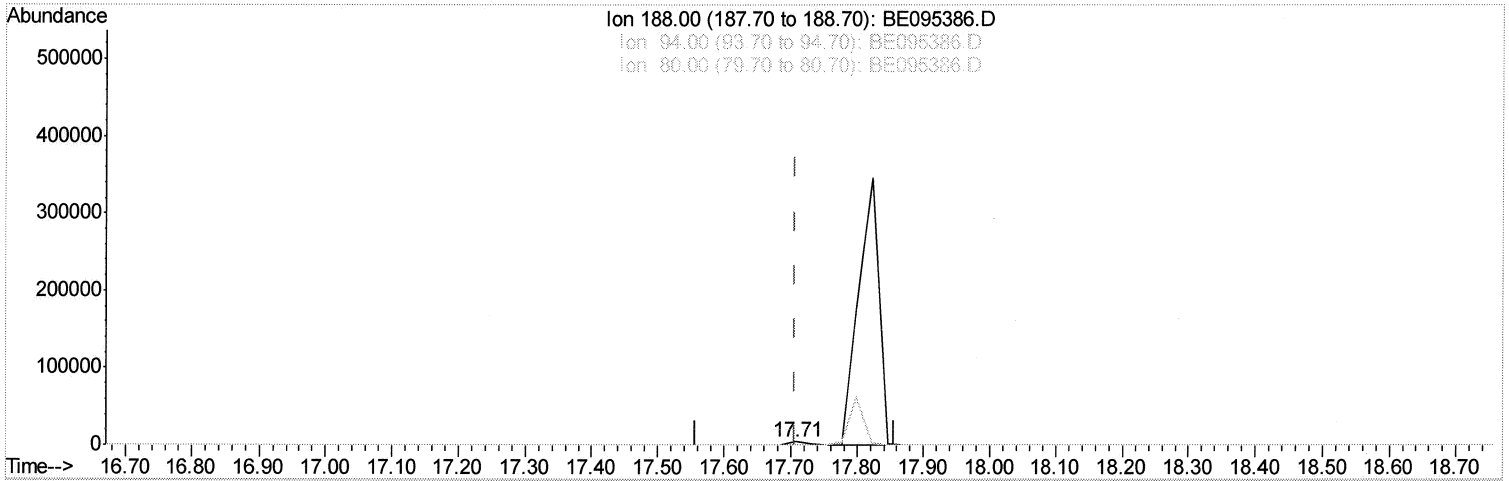
Instrument :

SOM-EPA-SIM-BE012618.M Fri Feb 02 13:17:04 2018

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 13:20:39 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration



TIC: BE095386.D

(10) Phenanthrene-d10 (I)

17.708min (+0.001) 0.40ng/ul m

response 8761

Ion Exp% Act%

188.00 100 100

2/2/2018 4:42:52 PM 2.76

Sohil

APPROVED 3.38

Manual Integrations 00

F6C14

ClientSampled :

BNA_E

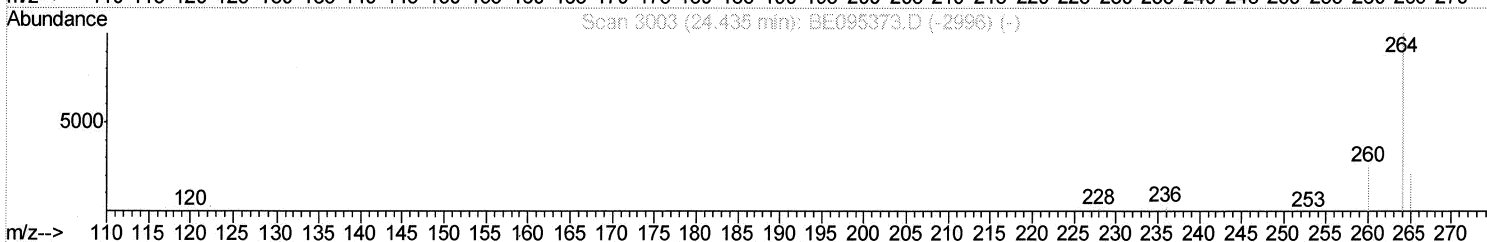
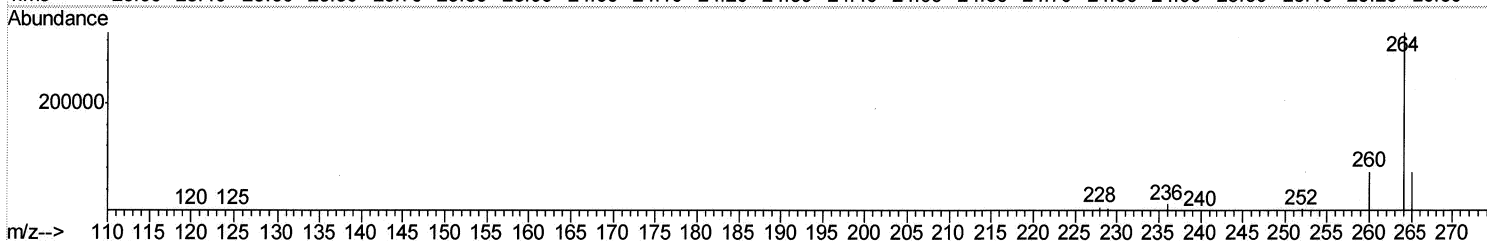
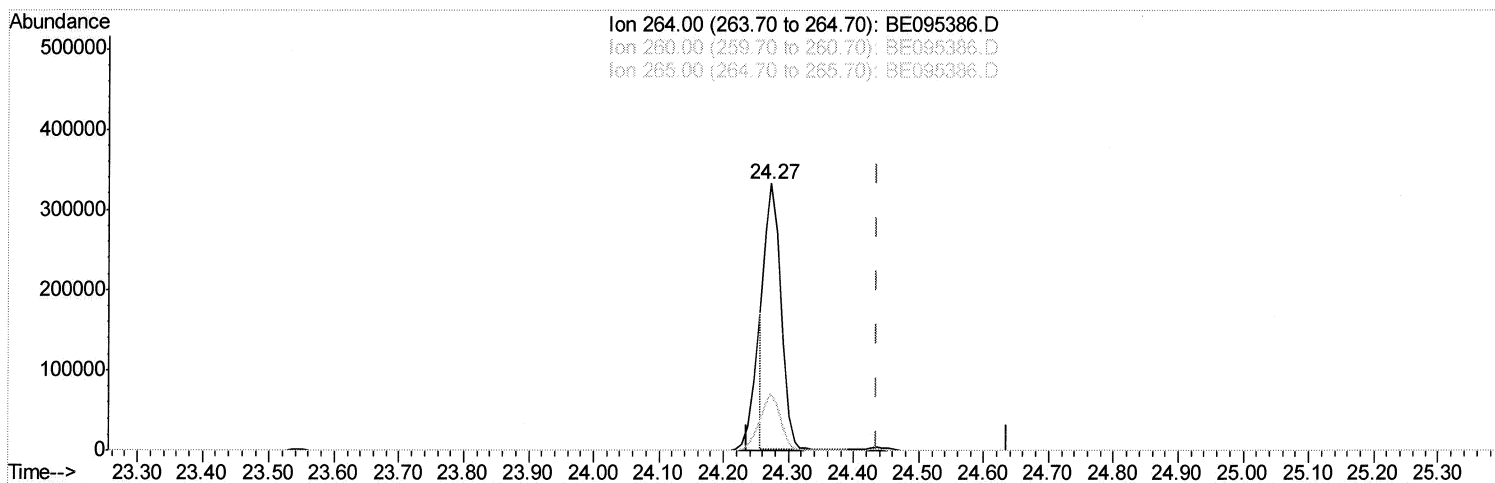
Instrument :

SOM-EPA-SIM-BE012618.M Fri Feb 02 13:17:27 2018

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 13:21:36 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration



TIC: BE095386.D

(20) Perylene-d12 (I)
 24.273min (-0.162) 0.40ng/ul
 response 575529

Ion	Exp%	Act%
264.00	100	100
260.00	100	100
265.00	100	100

2/2/2018 4:42:52 PM
 #21.36#

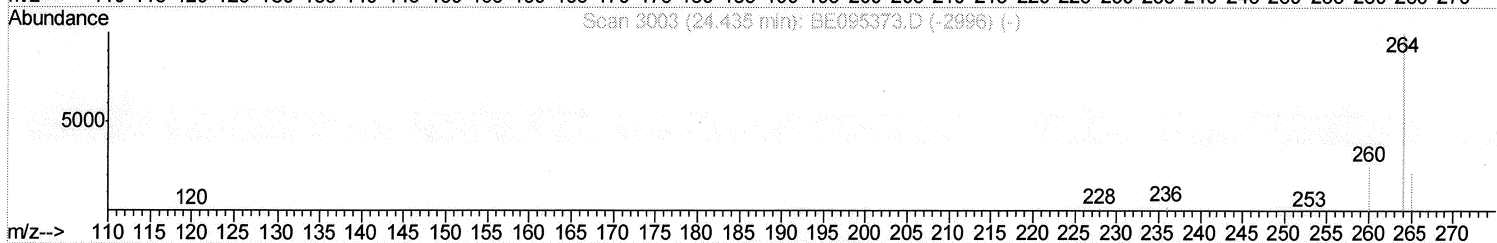
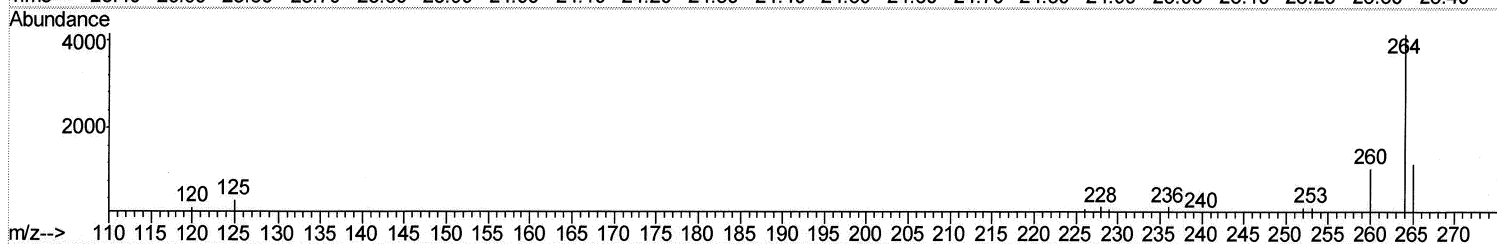
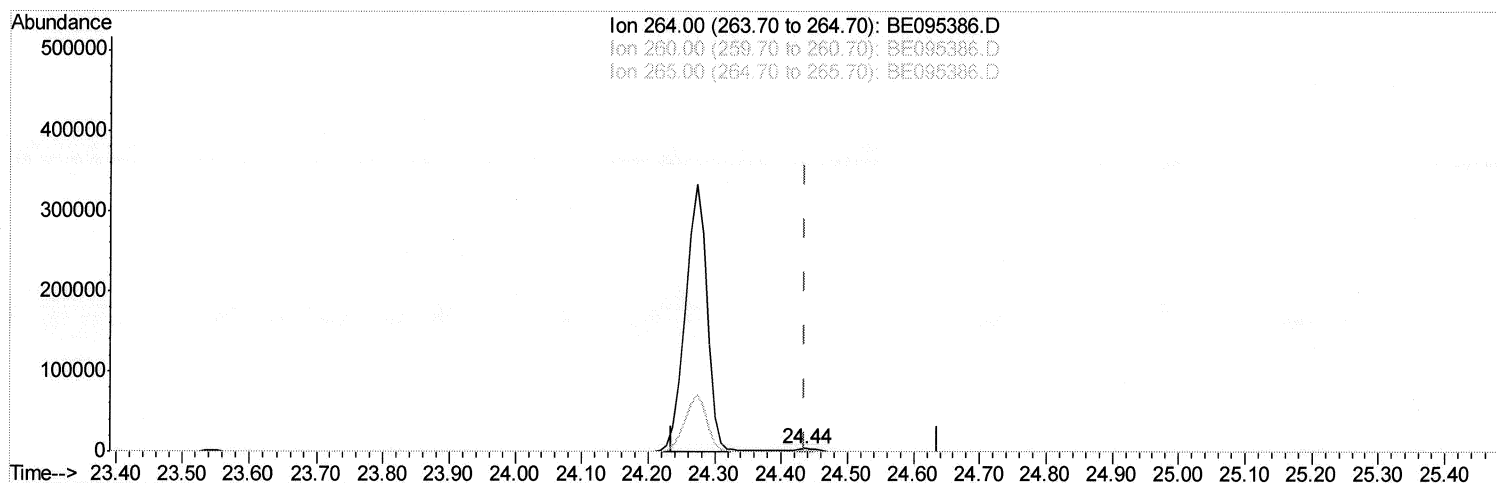
Manual Integrations
 APPROVED
 #21.28#

Client Sampled :
 BNA_E
 Instrument :
 F6C14

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 13:21:36 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration



TIC: BE095386.D

(20) Perylene-d12 (I)

24.435min (-0.000) 0.40ng/ul m

response 7458

Ion	Exp%	Act%
264.00	100	100

2/2/2018 4:42:52 PM 5.94

Sohil

APPROVED

Manual Integrations

F6C14

ClientSampled :

BNA_E

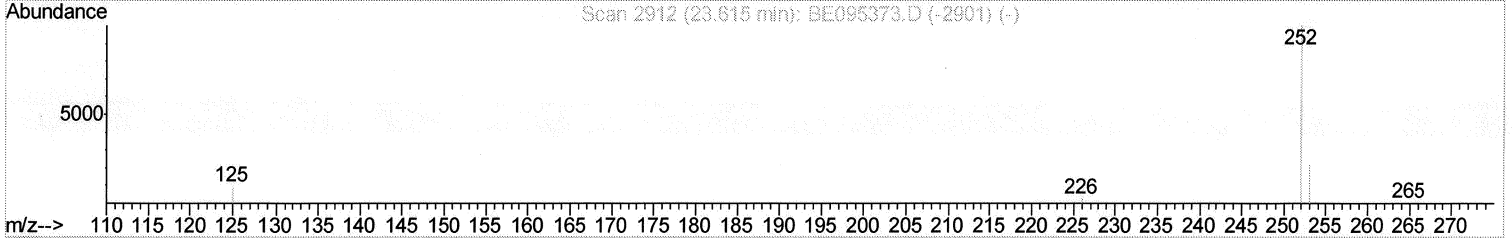
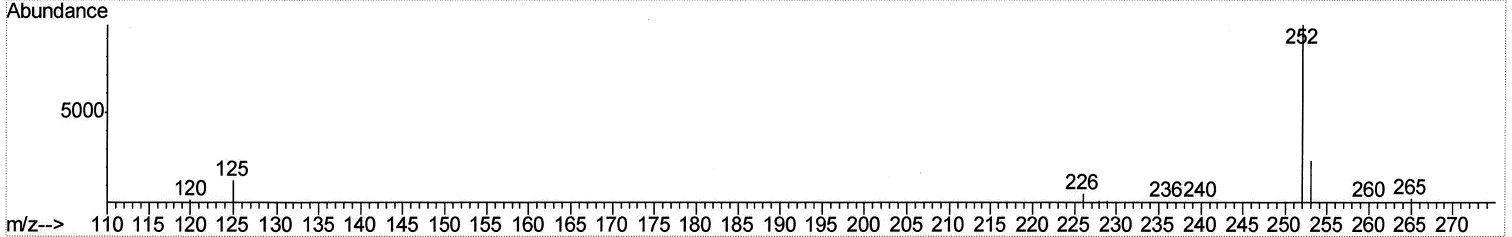
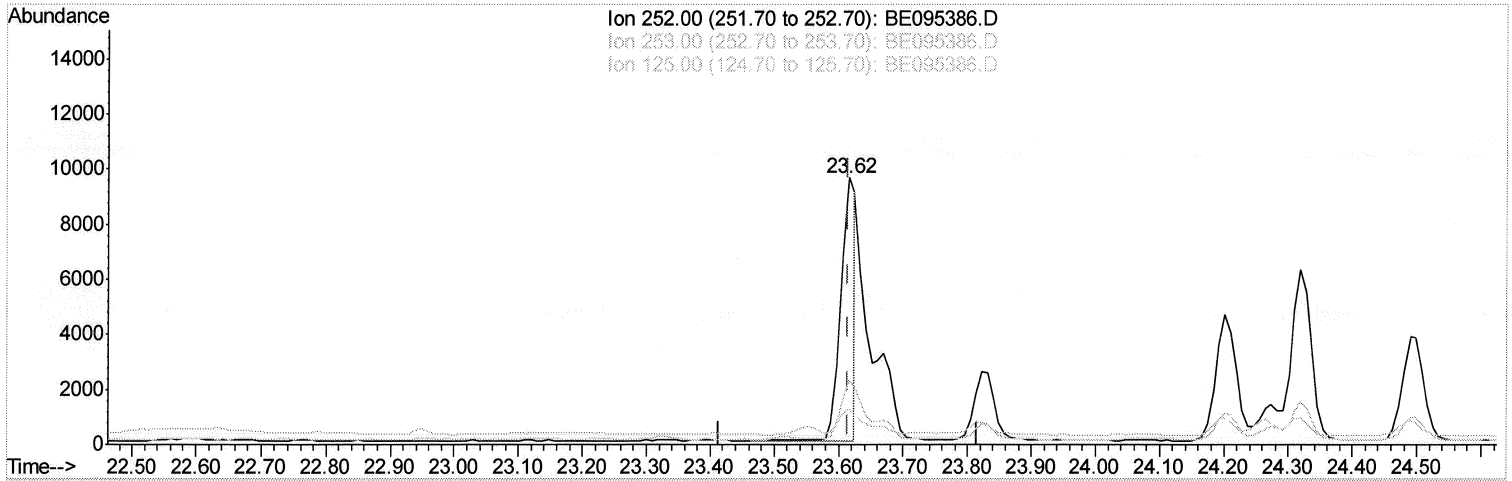
Instrument :

.M Fri Feb 02 13:18:09 2018

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 13:22:20 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 23.615min (-0.000) 0.60ng/ul
 response 15706

Ion	Exp%	Act%
252.00	100	100

2/2/2018 4:42:52 PM 3.89

Sohil

APPROVED 3.11

Manual Integrations 00

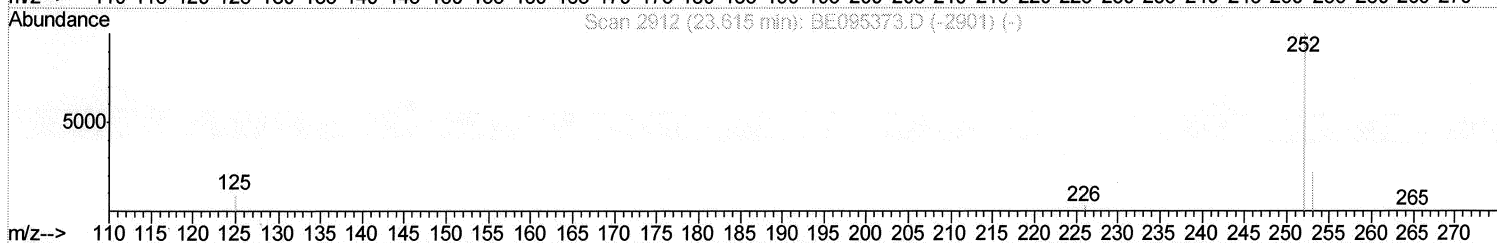
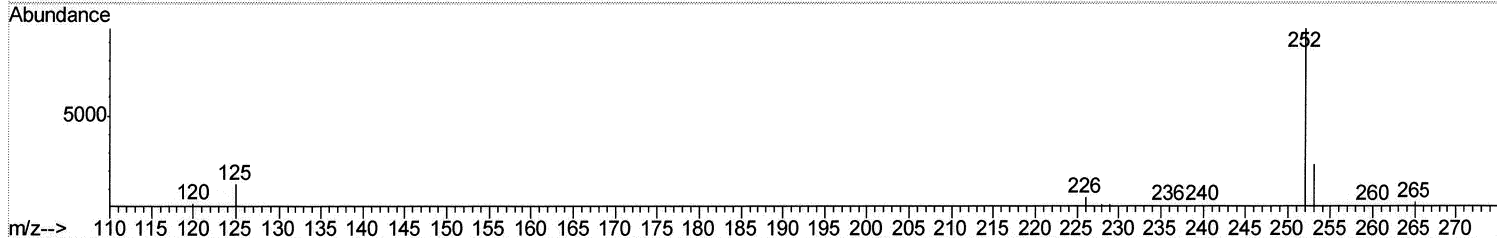
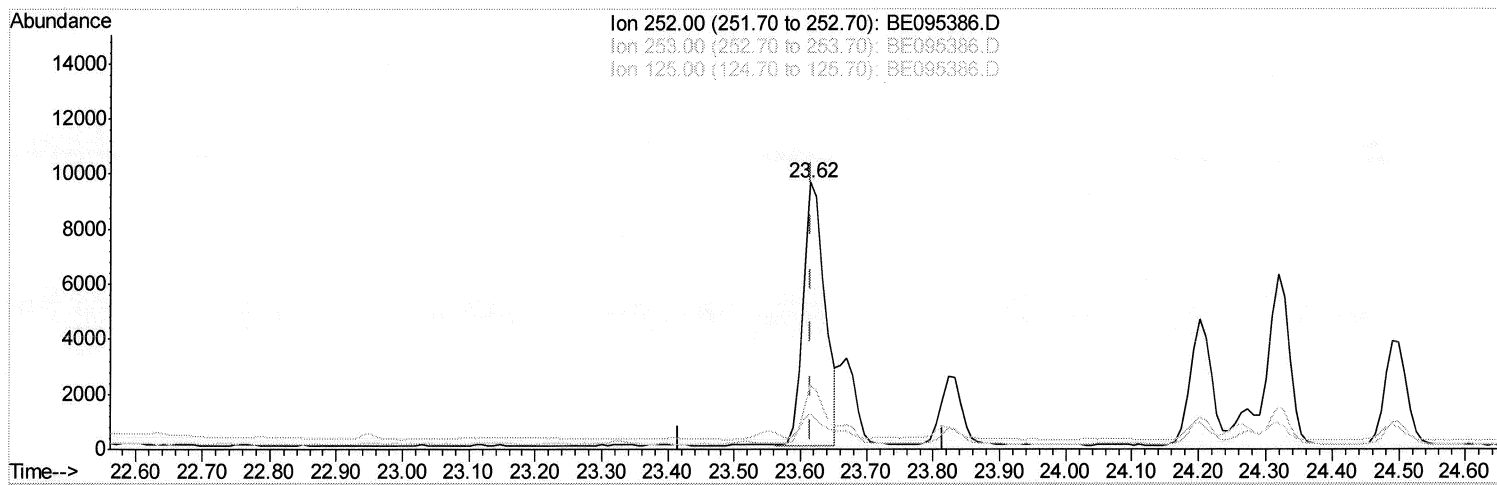
Instrument : BNA_E
 ClientSampled : F6C14

.M Fri Feb 02 13:18:34 2018

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svosrv\HPCHEM1\BNA_E\Data\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 13:22:20 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration



TIC: BE095386.D

(21) Benzo(b)fluoranthene

23.615min (-0.000) 0.86ng/ul m

response 22698

Ion	Exp%	Act%
252.00	100	100

2/2/2018 4:42:52 PM 3.89

Sohil

APPROVED 3.11

Manual Integrations 00

ClientSampled : F6C14

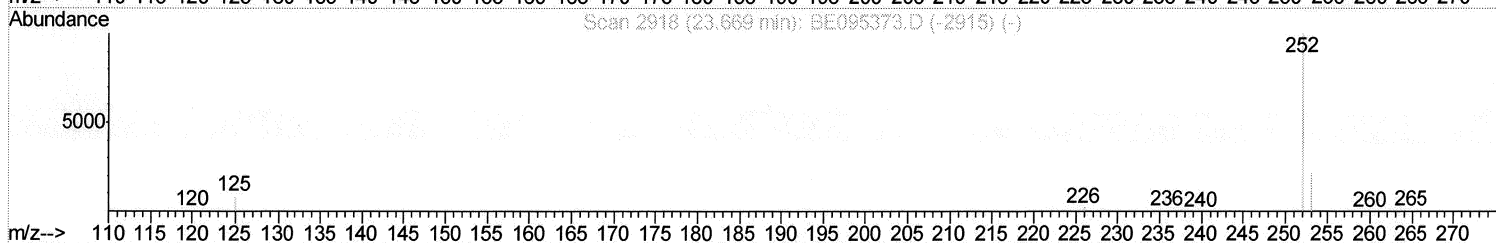
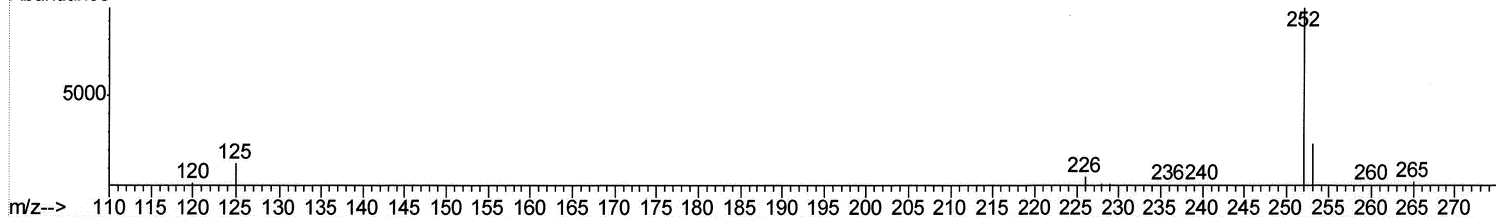
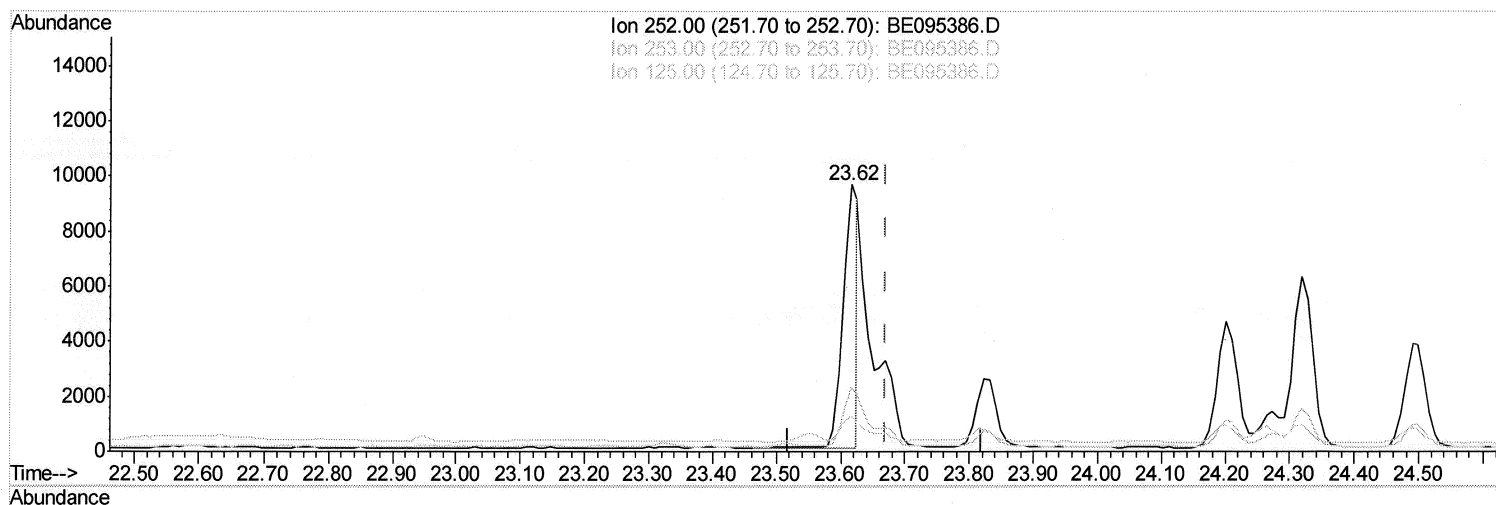
Instrument : BNA_E

.M Fri Feb 02 13:18:53 2018

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svosrv\HPCHEM1\BNA_E\Data\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 13:22:20 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration



TIC: BE095386.D

(22) Benzo(k)fluoranthene
 23.615min (-0.054) 0.65ng/ul
 response 15706

Ion	Exp%	Act%
252.00	100	100

2/2/2018 4:42:52 PM #3.88#

Sohil

APPROVED #3.11#

Manual Integrations 00

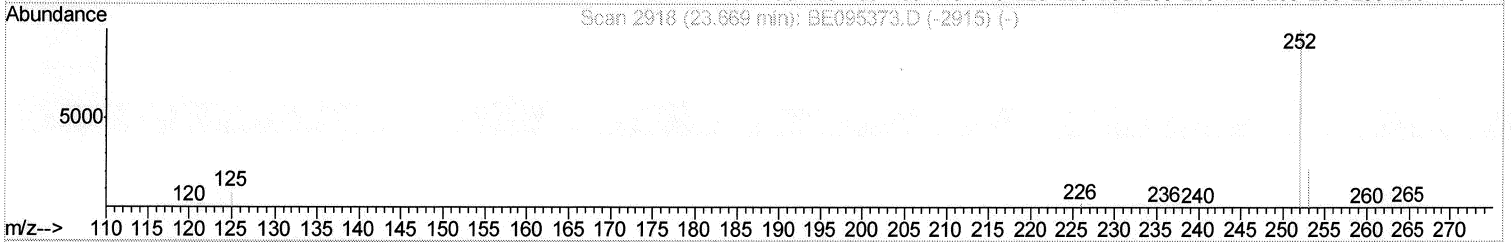
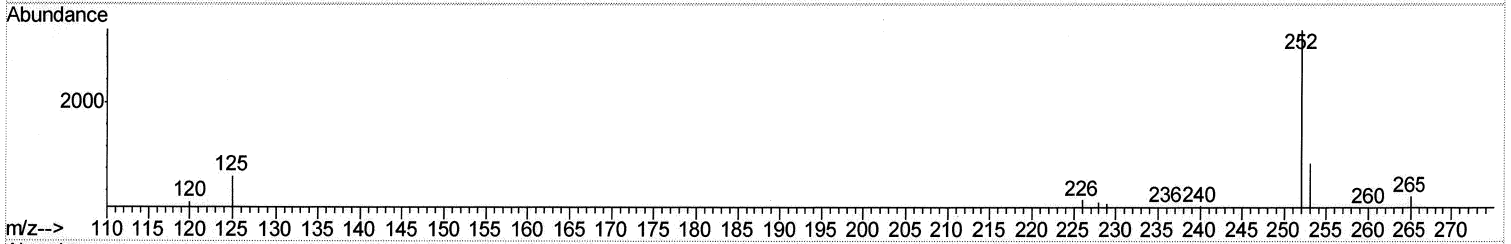
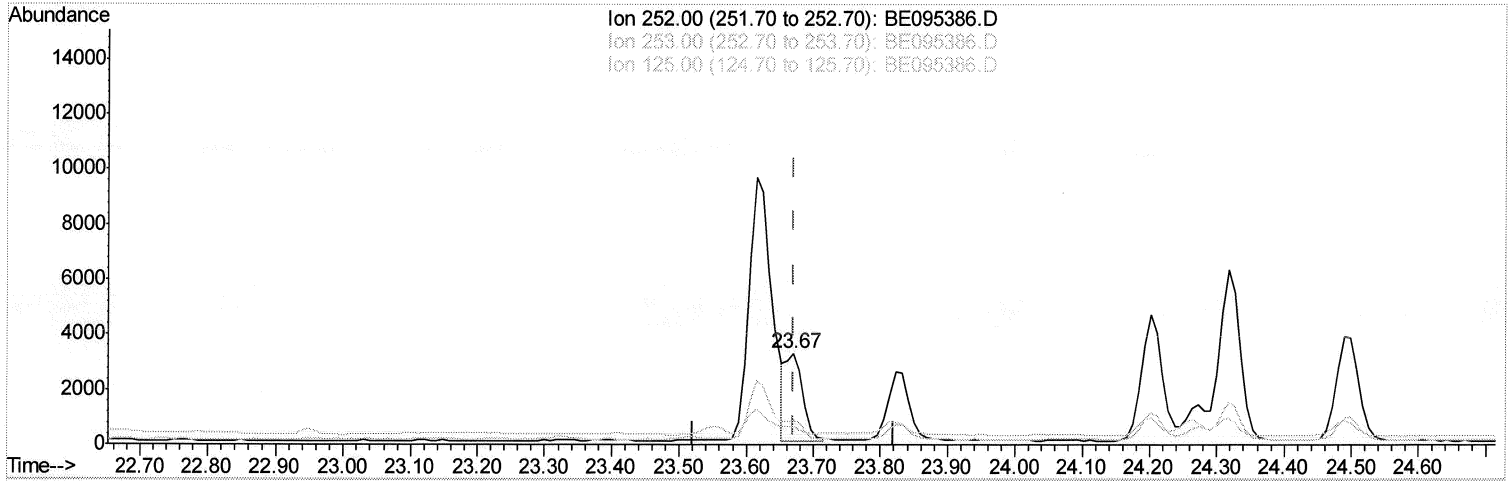
Instrument : BNA_E
 ClientSampled : F6C14

.M Fri Feb 02 13:18:59 2018

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 13:22:20 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.669min (-0.000) 0.24ng/ul m

response 5772

Ion Exp% Act%

252.00 100 100

2/2/2018 4:42:52 PM 6.83

Sohil

APPROVED

Manual Integrations 9.74

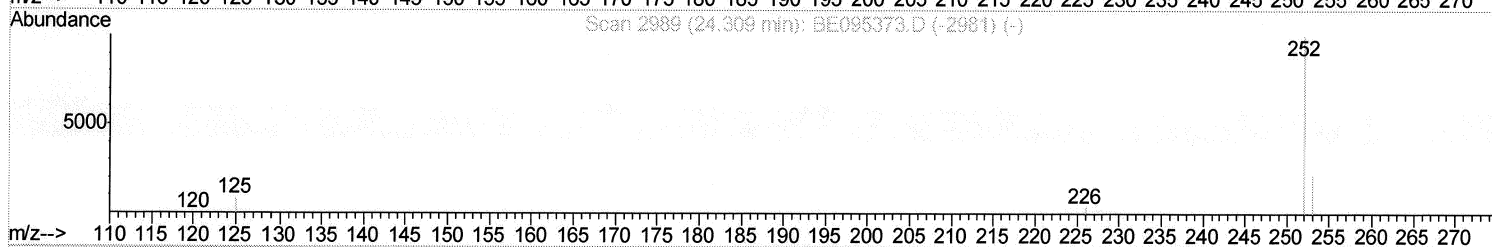
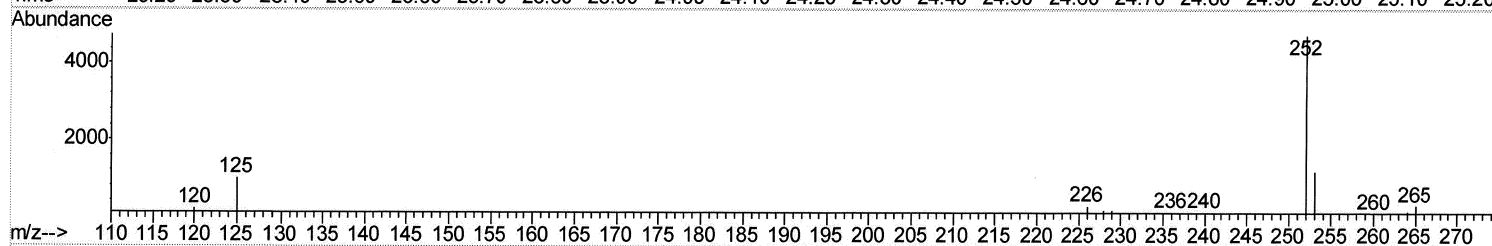
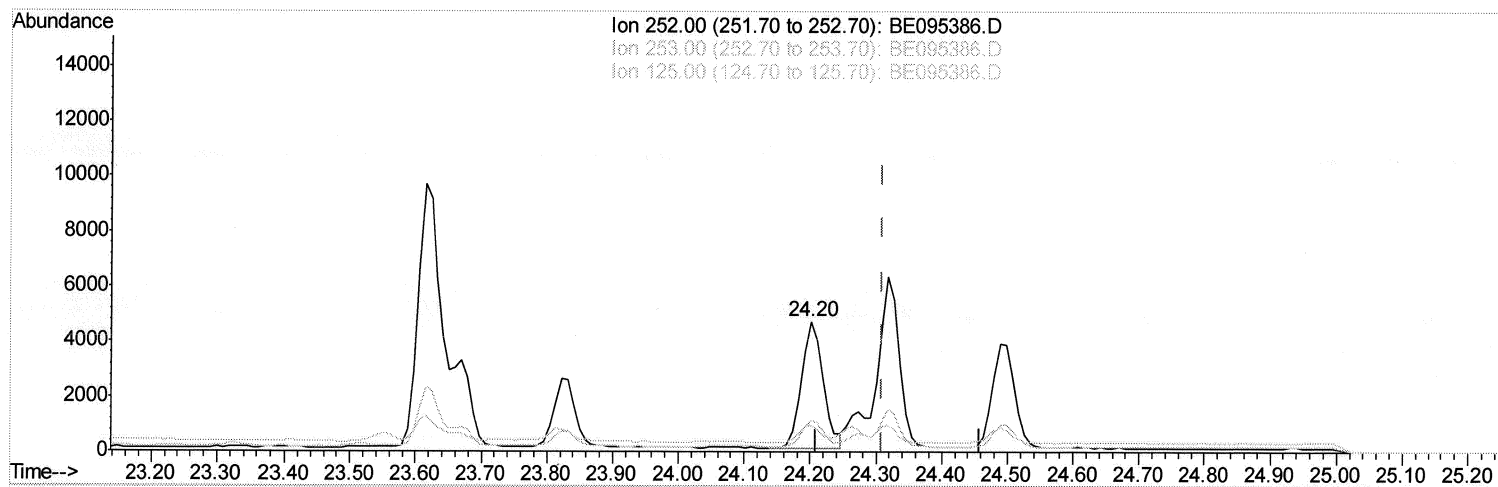
Client: Sampled

Instrument: BNA_E .M Fri Feb 02 13:19:11 2018

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE020118\
Data File : BE095386.D
Acq On : 2 Feb 2018 8:27
Operator : SJ/JU
Sample : J1295-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 13:22:20 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 02 04:53:51 2018
Response via : Initial Calibration



TIC: BE095386.D

(23) Benzo(a)pyrene (C)

24.201min (-0.108) 0.44ng/ul

response 10414

Ion	Exp%	Act%
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252.00	100	100
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2/2/2018 4:42:52 PM	4.60#
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Sohil

0.57

APPROVED

Manual Integrations

F6C14

ClientSampled :

BNA_E

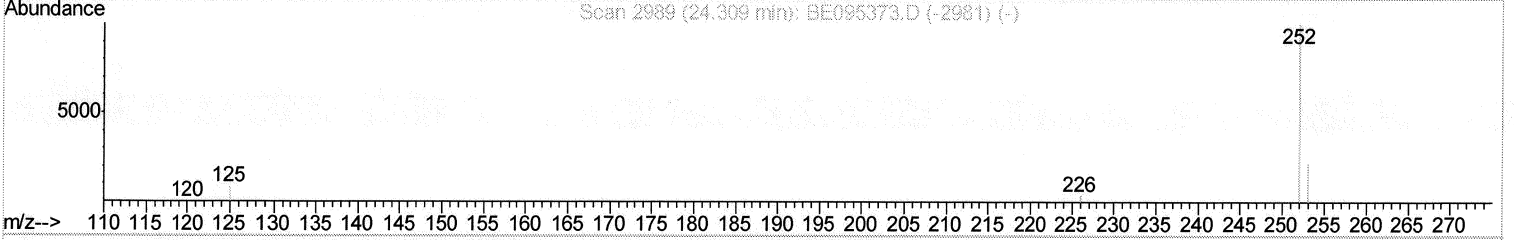
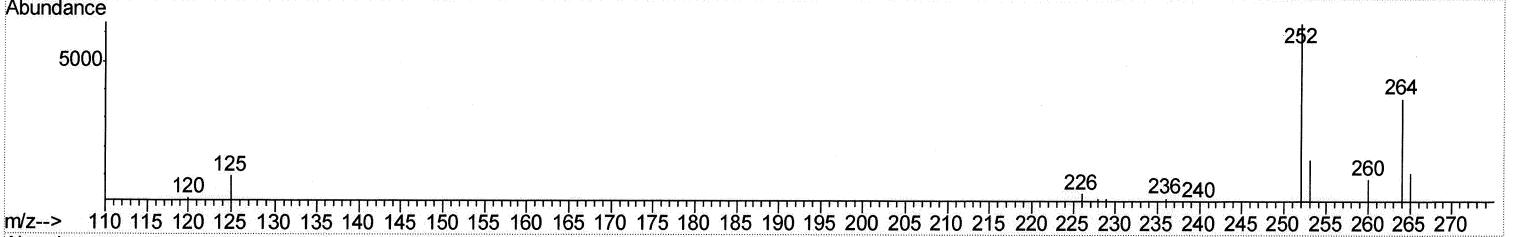
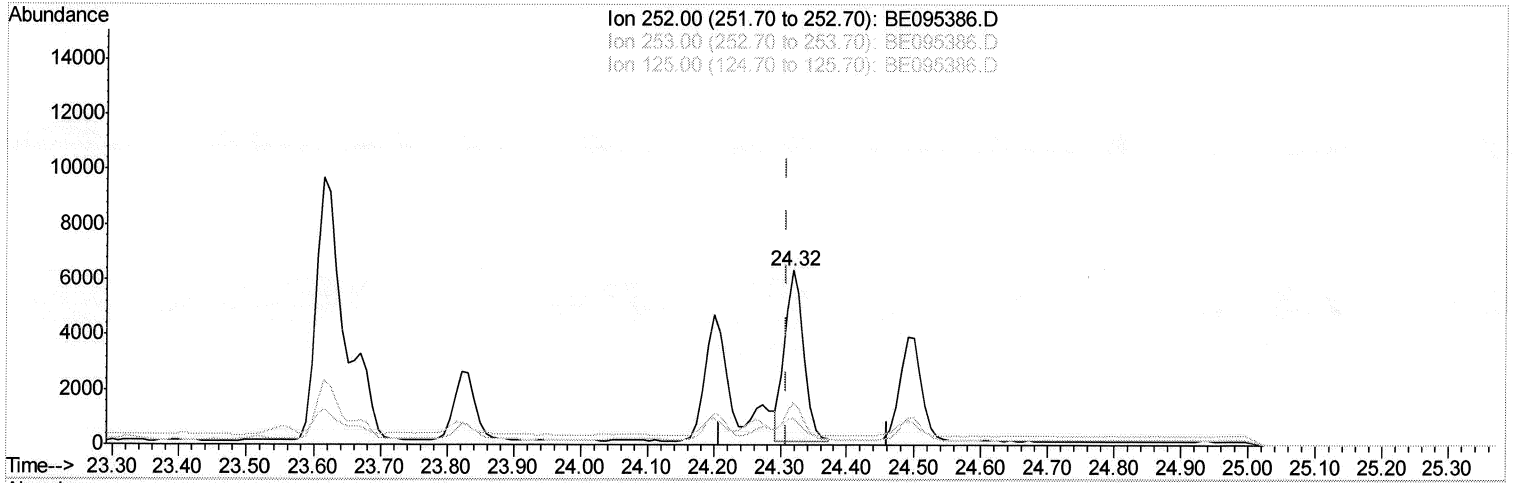
Instrument :

.M Fri Feb 02 13:19:18 2018

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 13:22:20 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration



TIC: BE095386.D

(23) Benzo(a)pyrene (C)

24.318min (+0.009) 0.55ng/ul m

response 12812

Ion	Exp%	Act%
252.00	100	100

2/2/2018 4:42:52 PM 4.32#

Sohil

APPROVED 5.15#

Manual Integrations 00

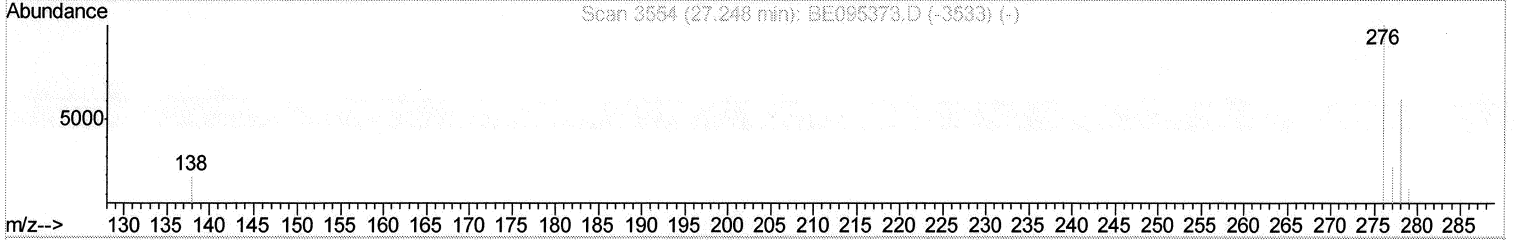
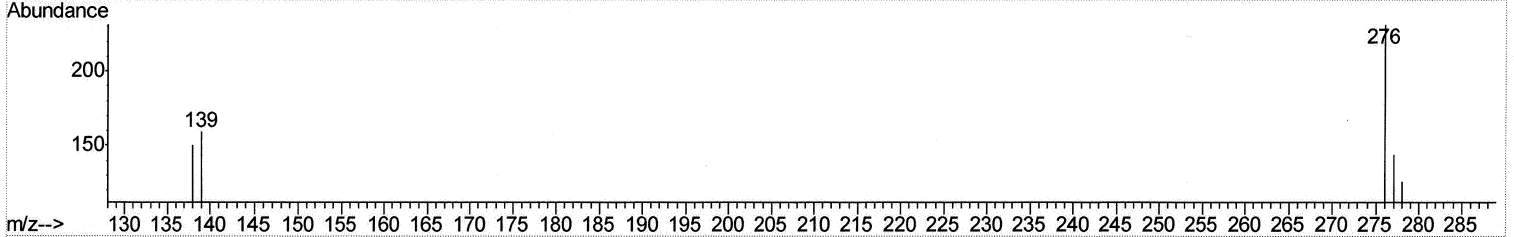
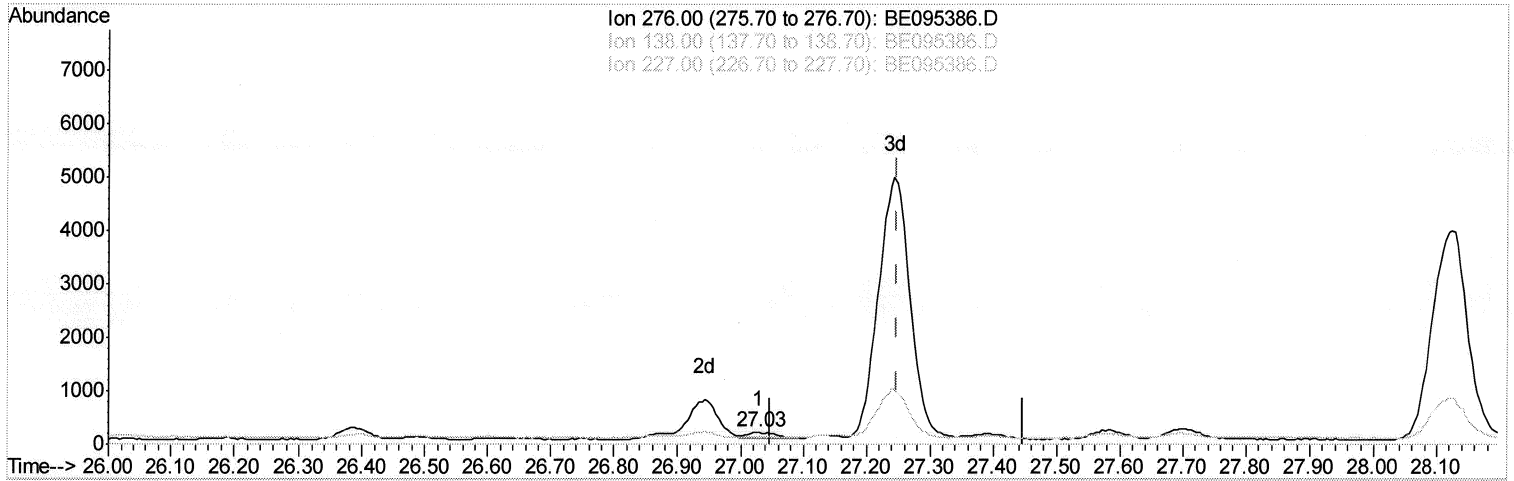
Instrument : BNA_E
 Client Sampled : F6C14

.M Fri Feb 02 13:19:35 2018

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 13:22:20 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration



TIC: BE095386.D

(24) Indeno(1,2,3-cd)pyrene

27.030min (-0.218) 0.01ng/ul

response 361

Ion	Exp%	Act%
276.00	100	100

2/2/2018 4:42:52 PM

Sohil

APPROVED

Manual Integrations

F6C14

ClientSampled :

BNA_E

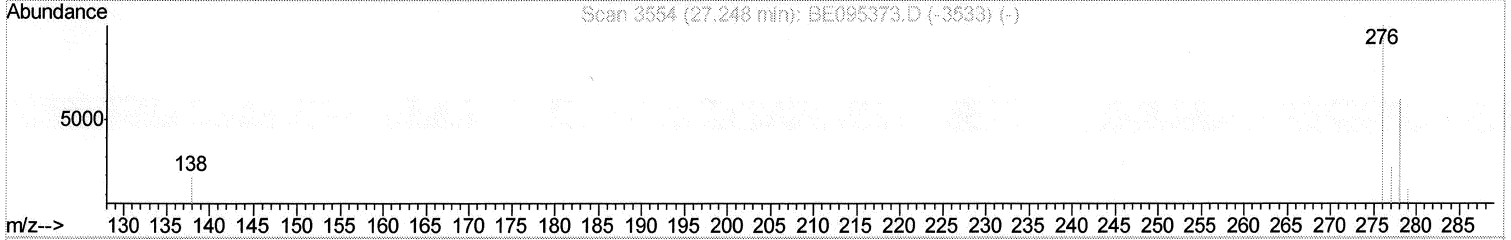
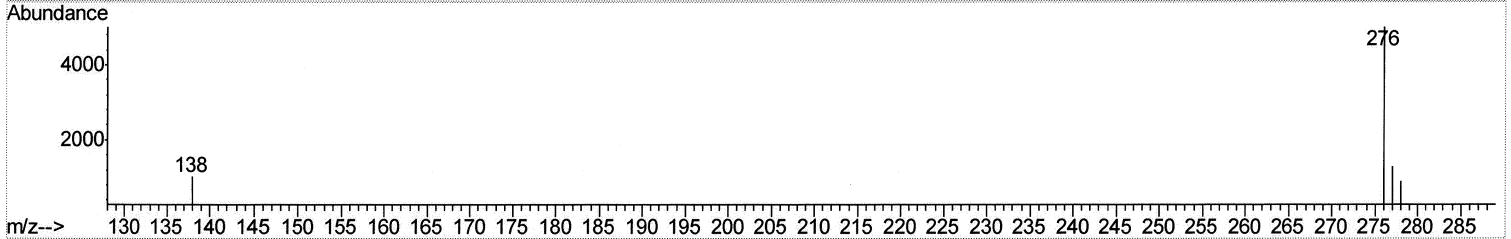
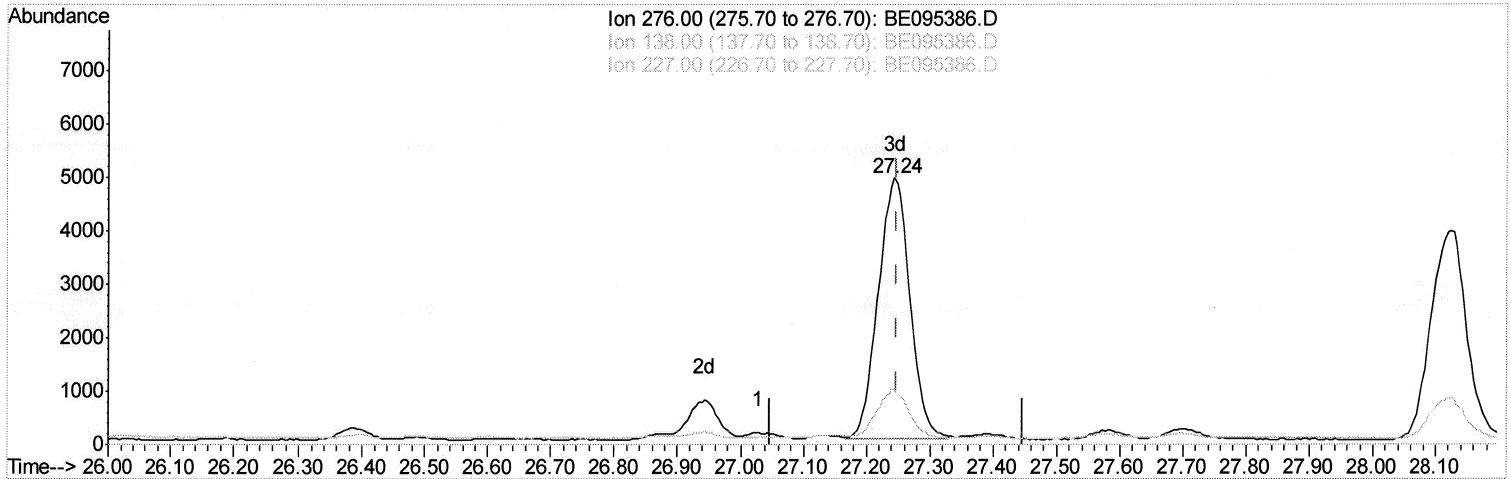
Instrument :

2018.M Fri Feb 02 13:19:41 2018

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 13:22:20 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration



TIC: BE095386.D

(24) Indeno(1,2,3-cd)pyrene

27.244min (-0.004) 0.66ng/ul m

response 17018

Ion	Exp%	Act%
276.00	100	100

2/2/2018 4:42:52 PM

Sohil

APPROVED

Manual Integrations

ClientSampled : F6C14

BNA_E

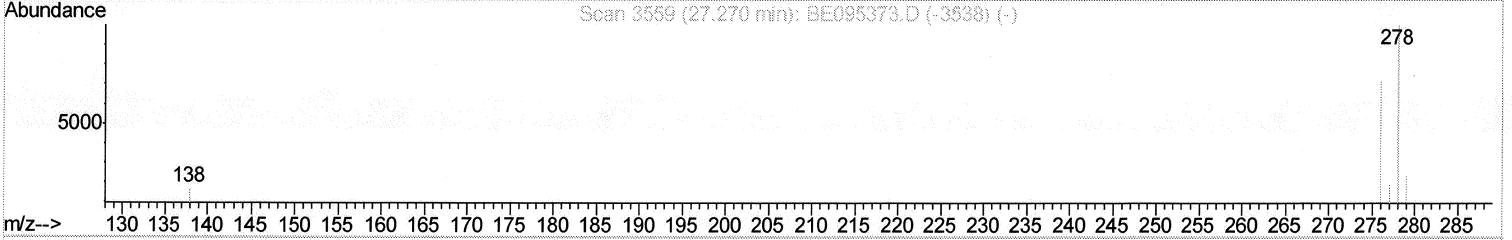
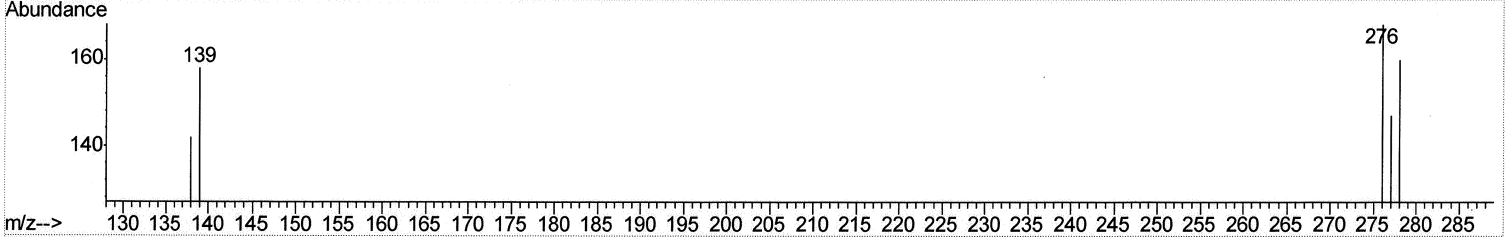
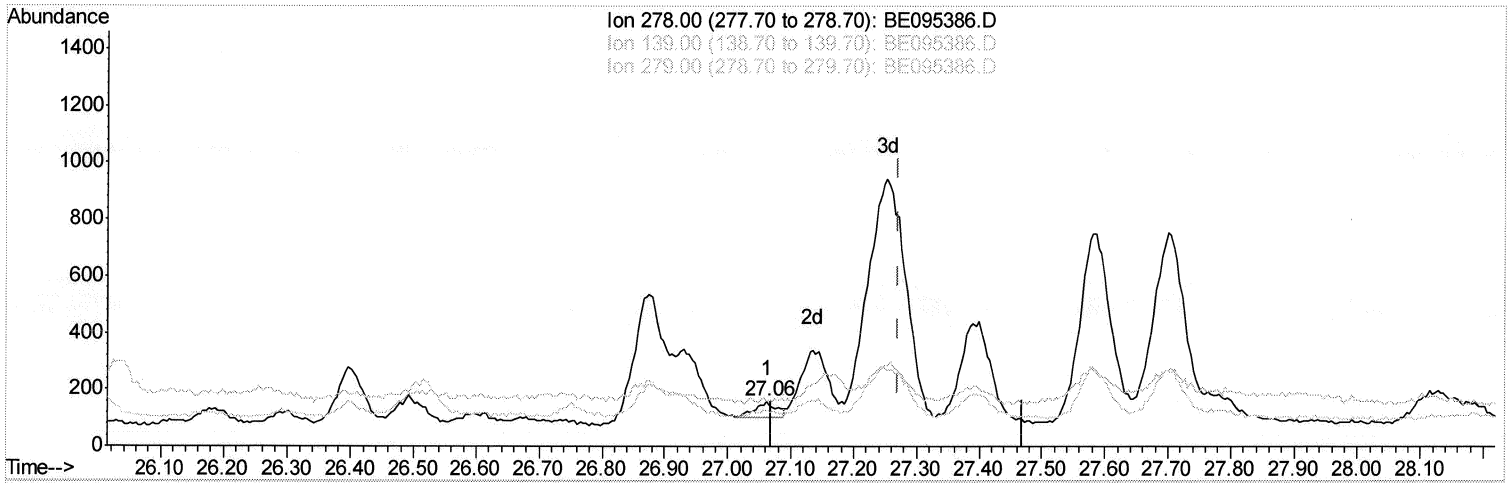
Instrument :

BE012618.M Fri Feb 02 13:19:54 2018

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 13:22:20 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration



TIC: BE095386.D

(25) Dibenzo(a,h)anthracene

27.062min (-0.209) 0.01ng/ul

response 134

Ion	Exp%	Act%
278.00	100	100

2/2/2018 4:42:52 PM 8.75#

Sohil

APPROVED 9.38#

Manual Integrations 00

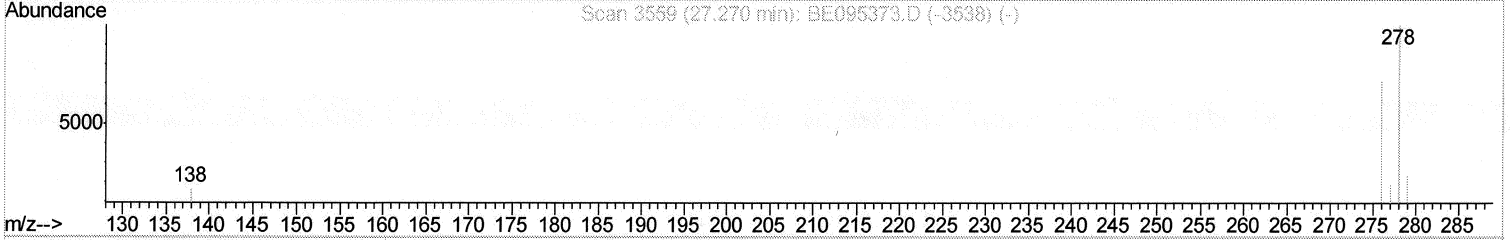
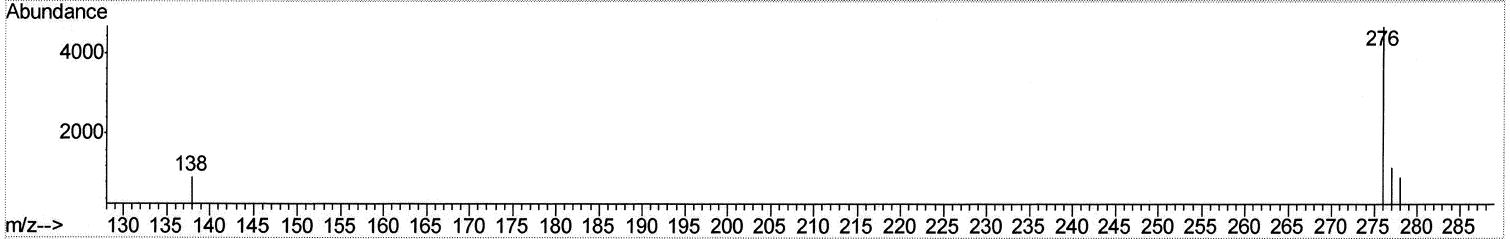
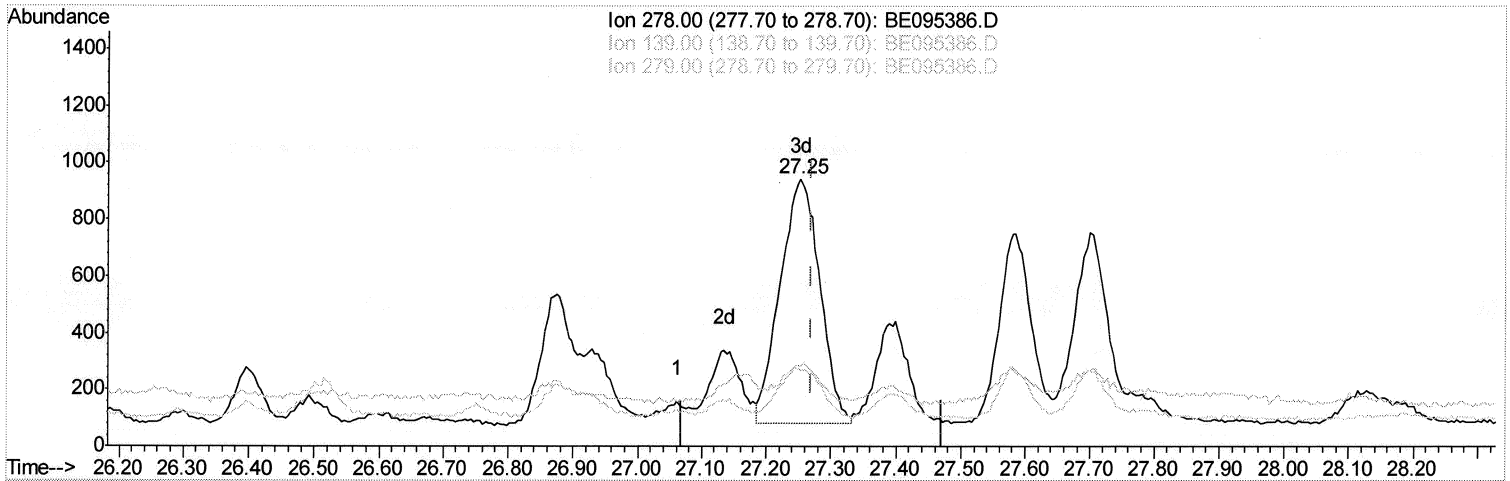
Instrument : BNA_E
 ClientSampled : F6C14

3.M Fri Feb 02 13:20:01 2018

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 13:22:20 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

27.253min (-0.017) 0.17ng/ul m

response 3683

Ion Exp% Act%

278.00 100 100

2/2/2018 4:42:52 PM 8.77#

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Manual Integrations 00

FC14

ClientSampled :

BNA_E

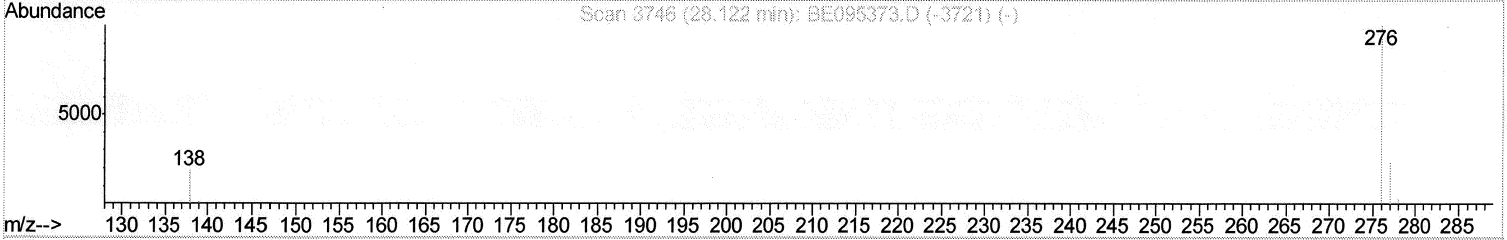
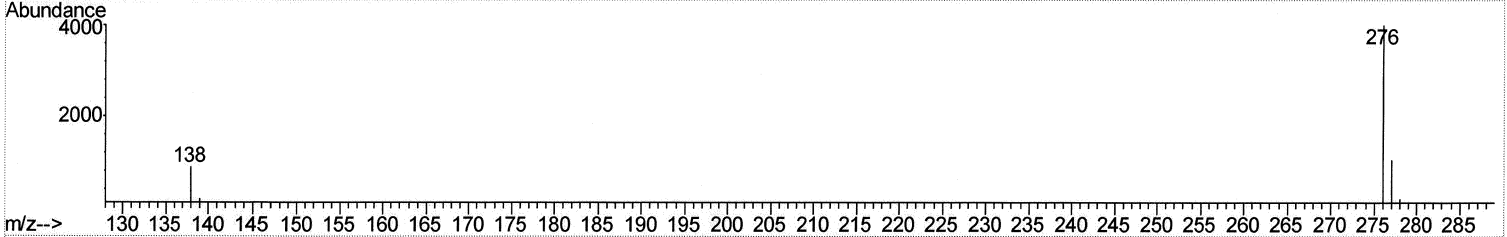
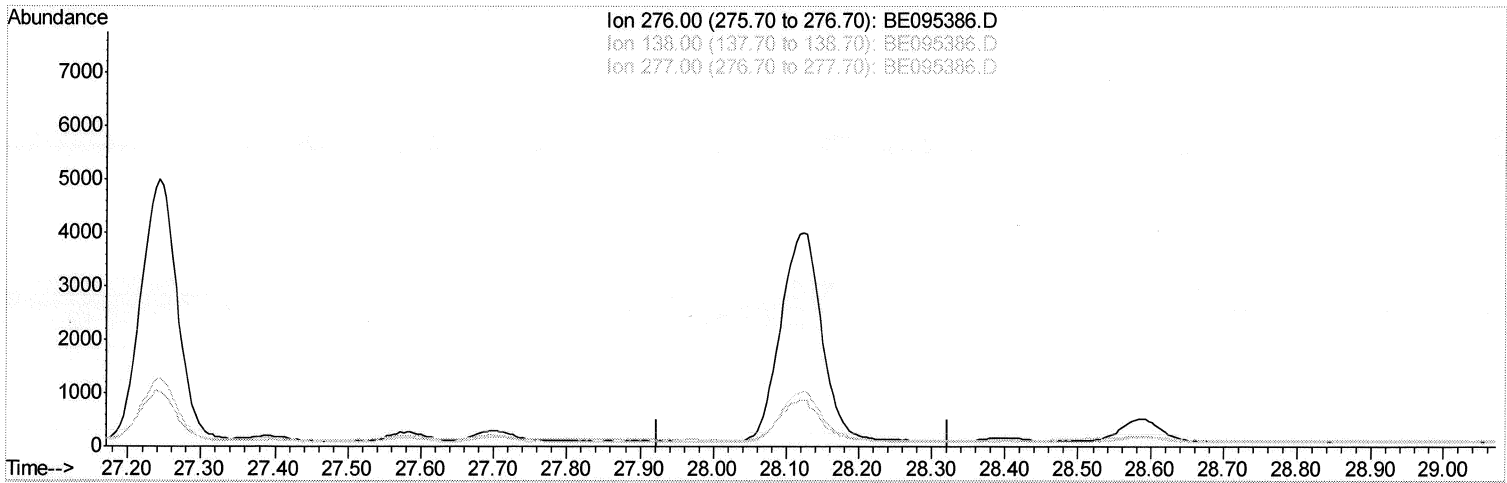
Instrument :

.M Fri Feb 02 13:20:14 2018

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 13:22:20 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene

28.122min (-28.122) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00

2/2/2018 4:42:52 PM

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Manual Integrations

F6C14

ClientSampled :

BNA_E

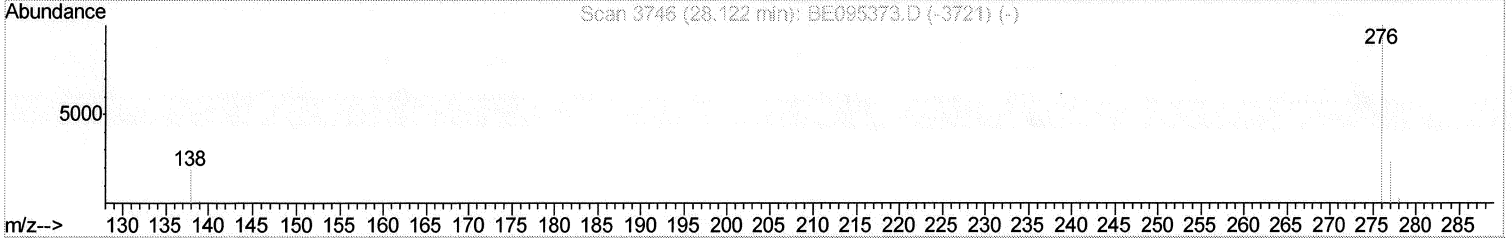
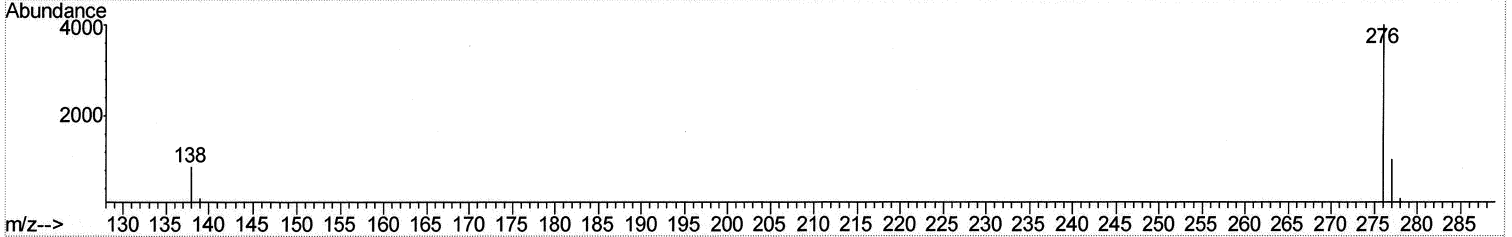
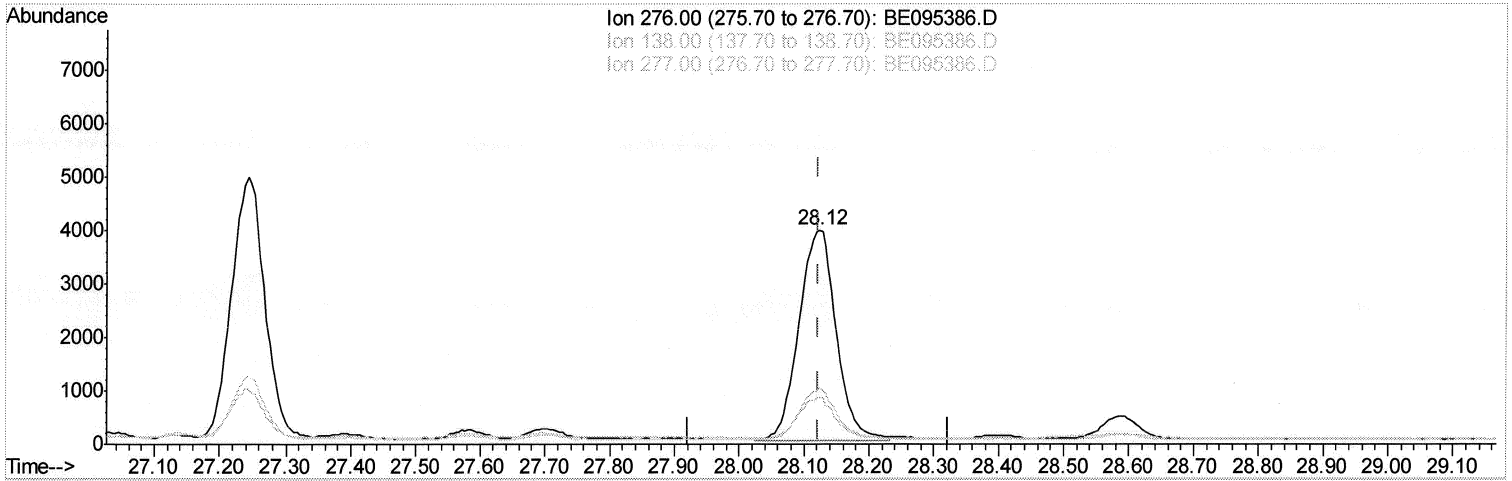
Instrument :

2018.M Fri Feb 02 13:20:20 2018

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 13:22:20 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration



TIC: BE095386.D

(26) Benzo(g,h,i)perylene

28.123min (+0.001) 0.71ng/ul m

response 15529

Ion	Exp%	Act%
276.00	100	100

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 1.72#

6.13
 00

Manual Integrations
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 Sohil
 Client Sampled :
 BNA_E
 Instrument :
 F6C14

BE012618.M Fri Feb 02 13:20:34 2018

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE020118\
 Data File : BE095386.D
 Acq On : 2 Feb 2018 8:27
 Operator : SJ/JU
 Sample : J1295-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 13:24:45 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2063	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	6482	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4333	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8761m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	8239	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	7458m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.81	152	4486	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11128	0.33	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.31	128	46986	2.589	ng/ul#	88
5) 2-Methylnaphthalene	12.88	142	12180	1.005	ng/ul	100
7) Acenaphthylene	14.75	152	3981	0.191	ng/ul	98
8) Acenaphthene	15.08	153	1649	0.102	ng/ul#	89
9) Fluorene	16.03	166	4383	0.263	ng/ul#	80
11) Pentachlorophenol	17.36	266	23537	13.871	ng/ul	97
12) Phenanthrene	17.75	178	115571	3.922	ng/ul#	89
13) Anthracene	17.85	178	3110	0.115	ng/ul	94
15) Fluoranthene	19.72	202	39178	1.027	ng/ul	83
17) Pyrene	20.08	202	31084	1.124	ng/ul#	77
18) Benzo(a)anthracene	21.79	228	9917	0.385	ng/ul#	86
19) Chrysene	21.84	228	29480	1.102	ng/ul	96
21) Benzo(b)fluoranthene	23.62	252	22698m	0.863	ng/ul	}
22) Benzo(k)fluoranthene	23.67	252	5772m	0.240	ng/ul	
23) Benzo(a)pyrene	24.32	252	12812m	0.545	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	17018m	0.660	ng/ul	
25) Dibenzo(a,h)anthracene	27.25	278	3683m	0.175	ng/ul	
26) Benzo(g,h,i)perylene	28.12	276	15529m	0.712	ng/ul	

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

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Manual Integrations

Instrument : BNA_E
 Client Sampled : F6C14

M Fri Feb 02 13:21:02 2018