

Quantitation Report (QT Reviewed)

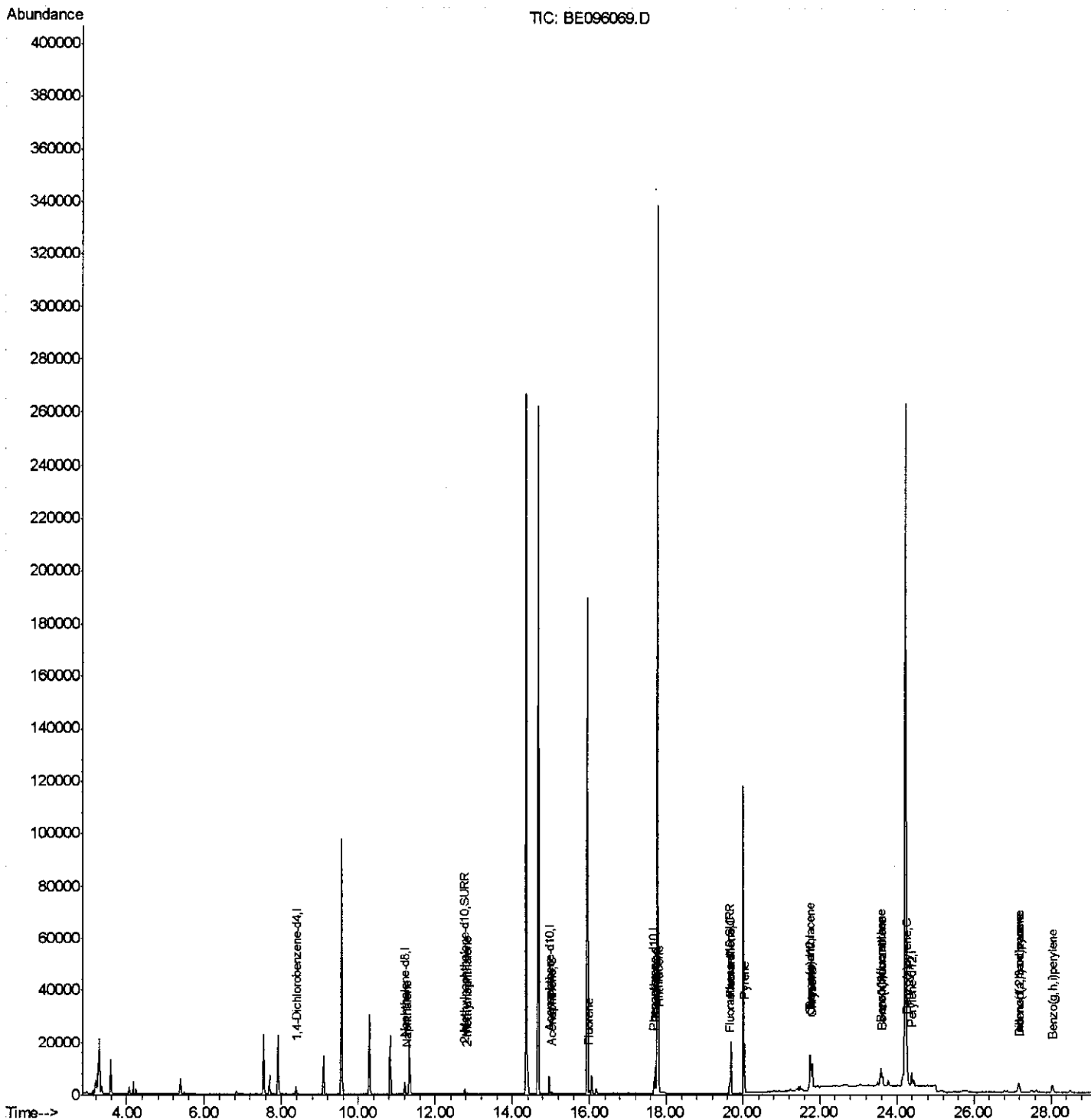
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096069.D
 Acq On : 21 Apr 2018 8:22
 Operator : SJ/JU
 Sample : J2434-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB9

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:29 PM

Quant Time: Apr 23 03:46:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

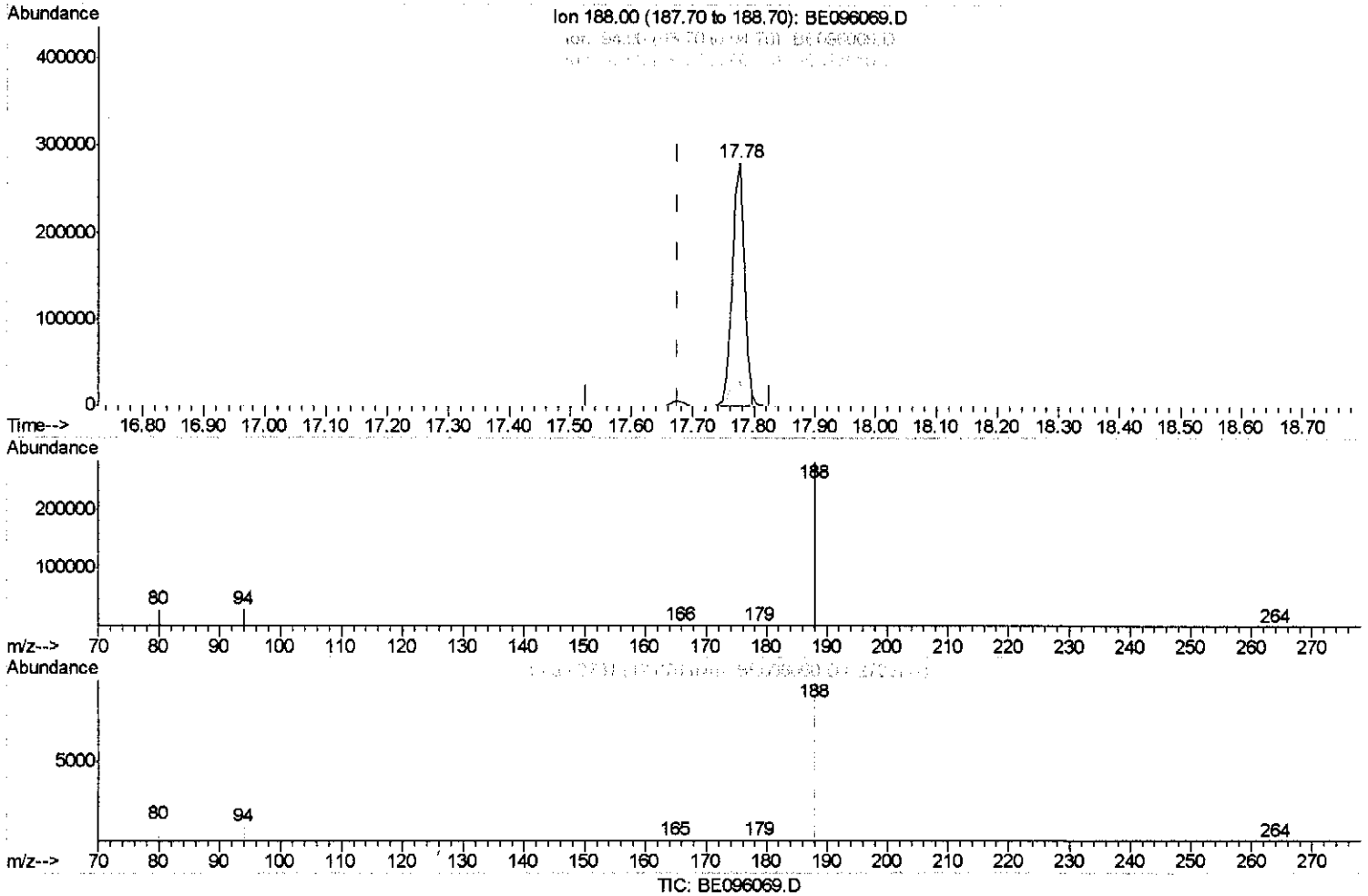
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096069.D
 Acq On : 21 Apr 2018 8:22
 Operator : SJ/JU
 Sample : J2434-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB9

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:29 PM

Quant Time: Apr 23 01:09:56 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.776min (+0.100) 0.40ng/ul

response 401051

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.21
80.00	11.80	9.75
0.00	0.00	0.00

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Data File : BE096069.D
Acq On : 21 Apr 2018 8:22
Operator : SJ/JU
Sample : J2434-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 23 01:09:56 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 01:07:45 2018
Response via : Initial Calibration

Instrument :

BNA_E

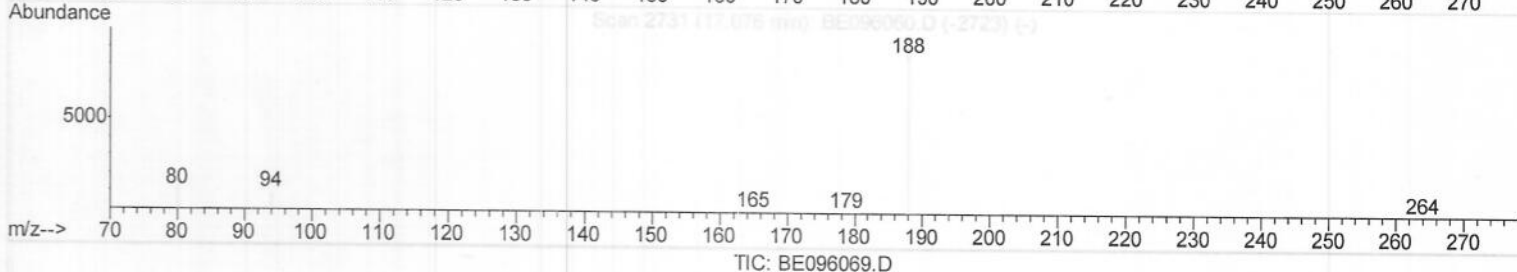
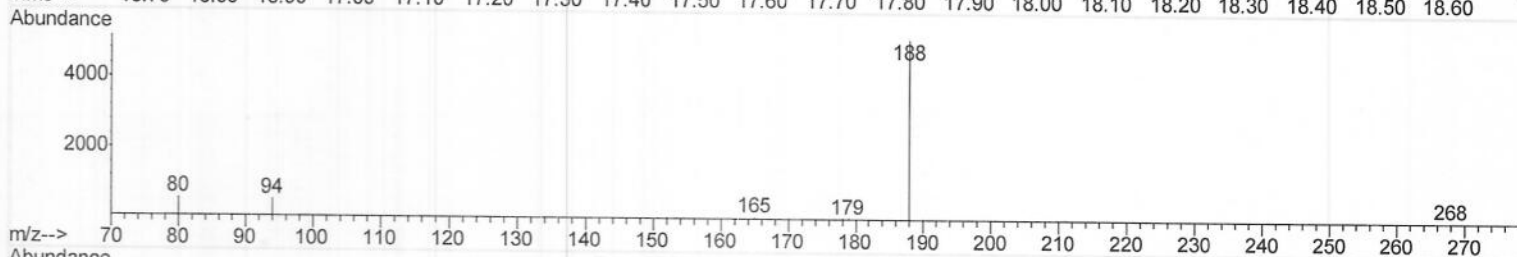
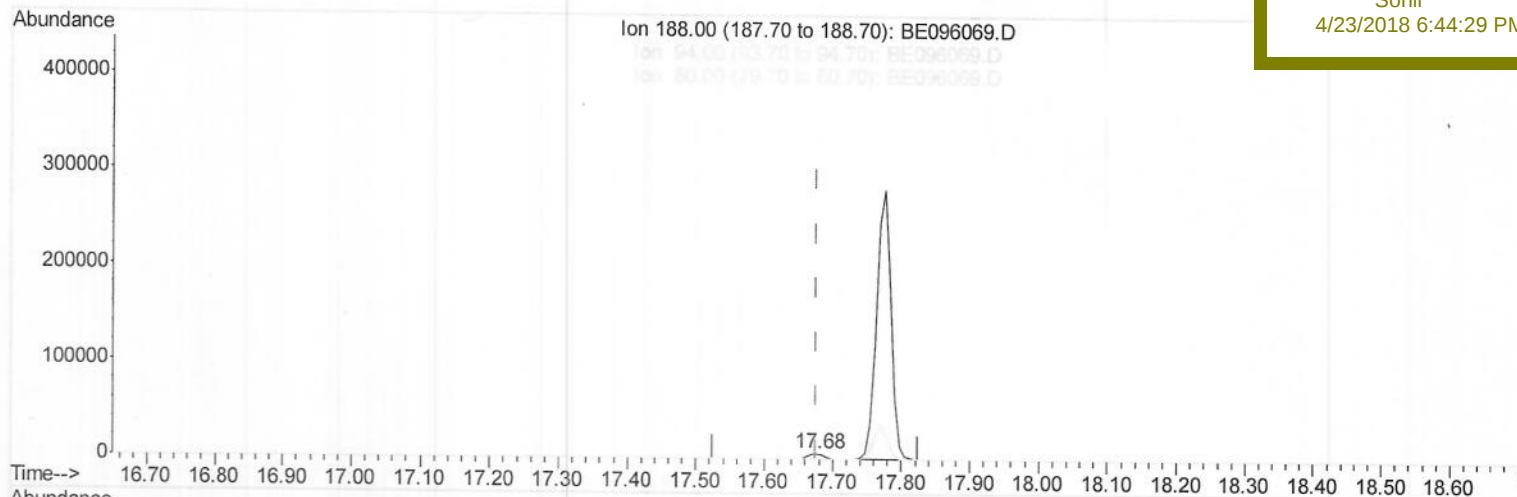
ClientSampleId :

C0AB9

Manual Integrations
APPROVED

Sohil

4/23/2018 6:44:29 PM



(10) Phenanthrene-d10 (I)

17.677min (+0.001) 0.40ng/ul m> SJ 4/24/18

response 7533

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.21
80.00	11.80	10.91
0.00	0.00	0.00

Quantitation Report (Qedit)

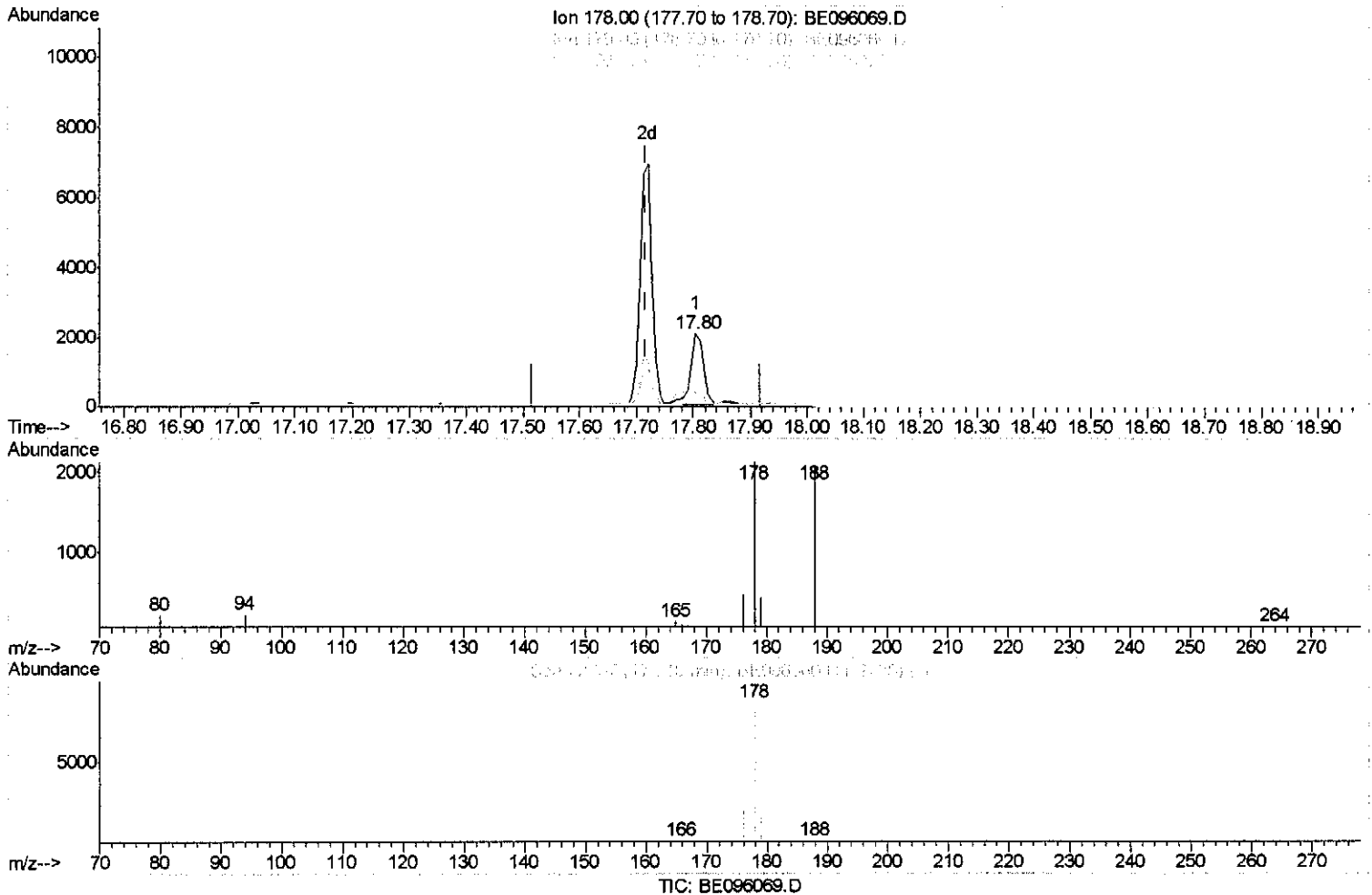
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
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 Acq On : 21 Apr 2018 8:22
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 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB9

Manual Integrations
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Sohil
 4/23/2018 6:44:29 PM

Quant Time: Apr 23 03:06:33 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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 QLast Update : Mon Apr 23 01:07:45 2018
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(12) Phenanthrene

17.804min (+0.086) 0.14ng/ul

response 3218

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	19.61
176.00	17.00	21.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

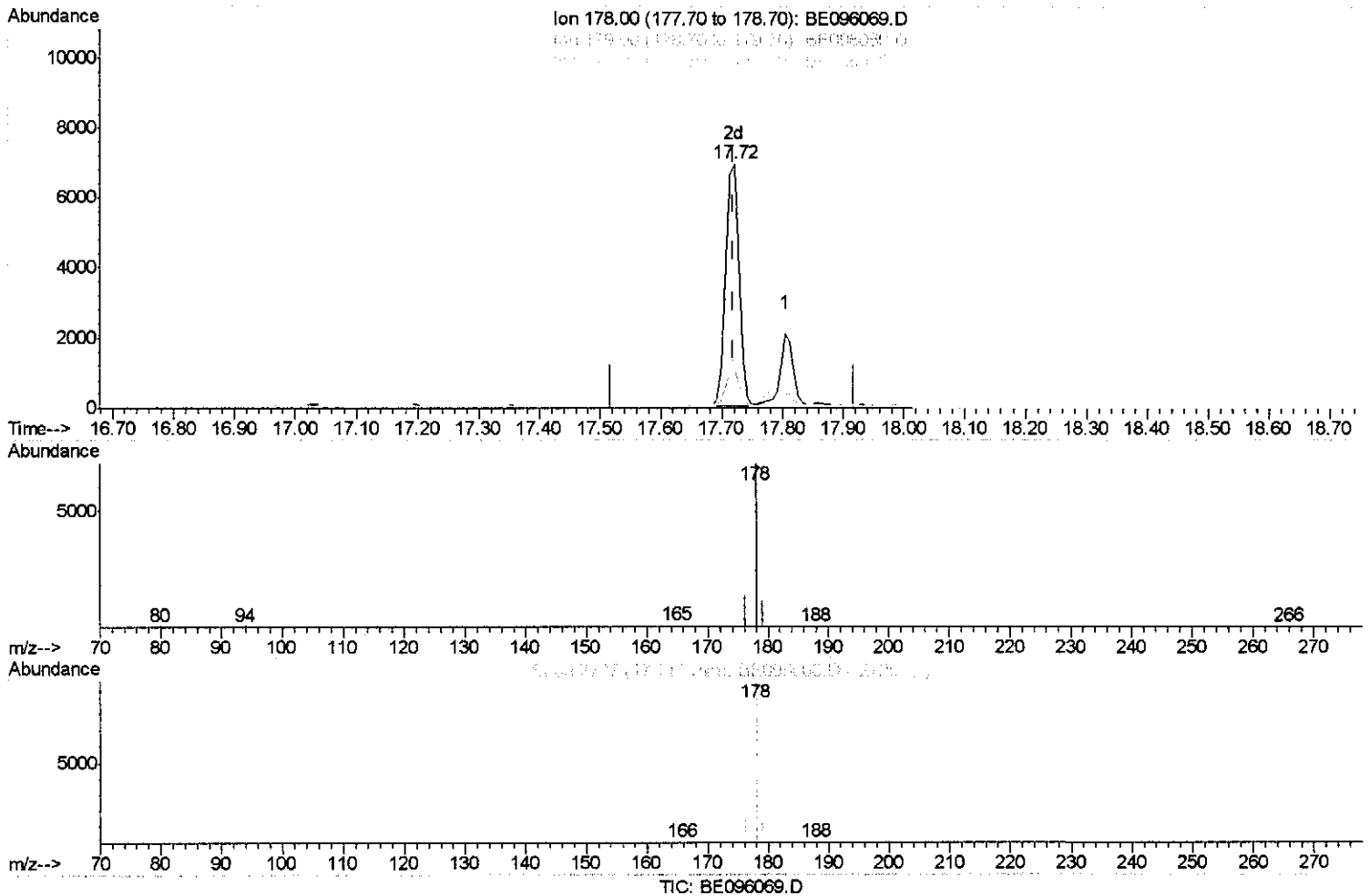
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(12) Phenanthrene

17.720min (+0.001) 0.46ng/ul m> SJ 4/24/18

response 10322

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	16.13#
176.00	17.00	19.52
0.00	0.00	0.00

Quantitation Report (Qedit)

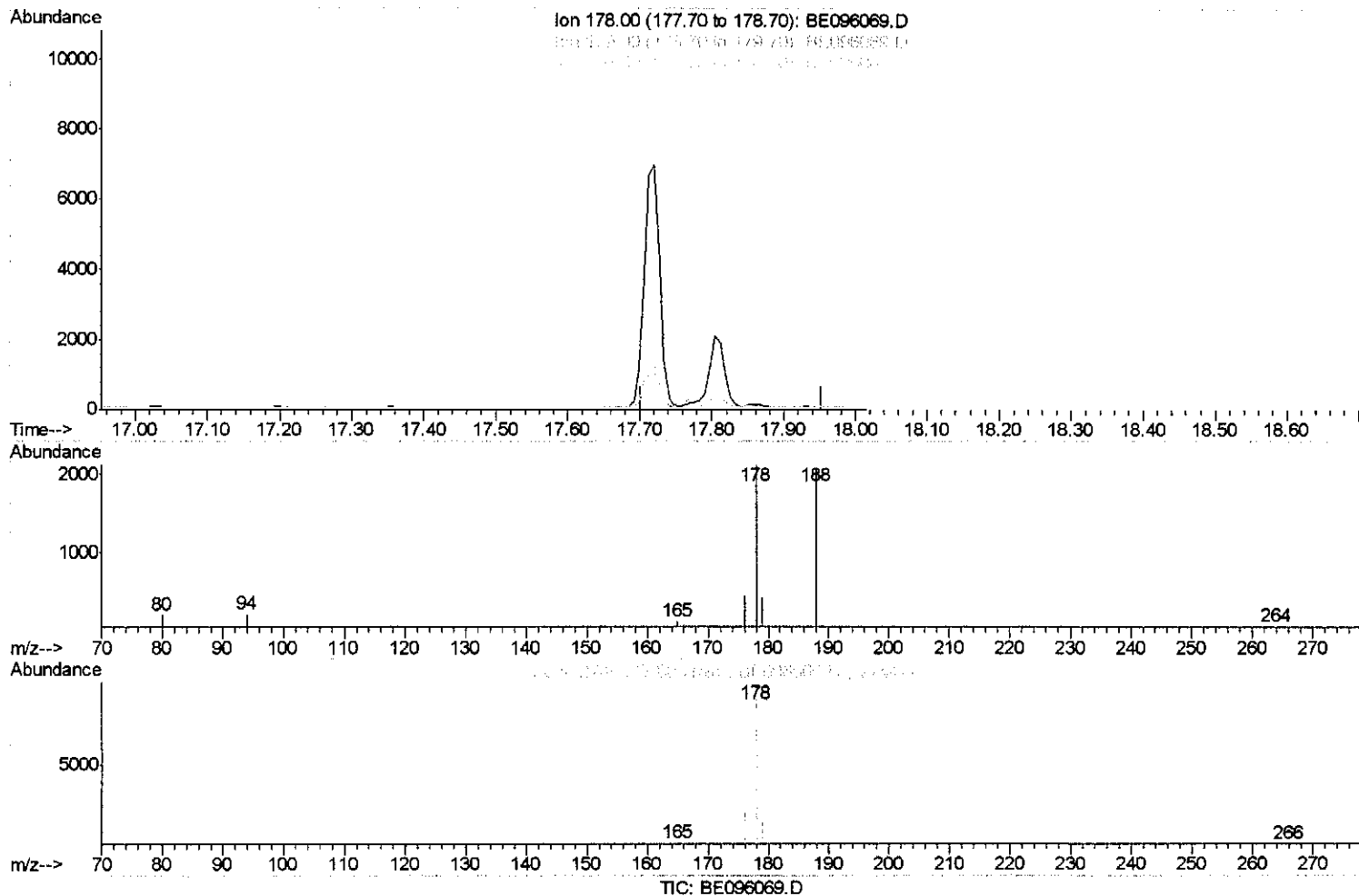
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
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(13) Anthracene

17.803min (-17.803) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

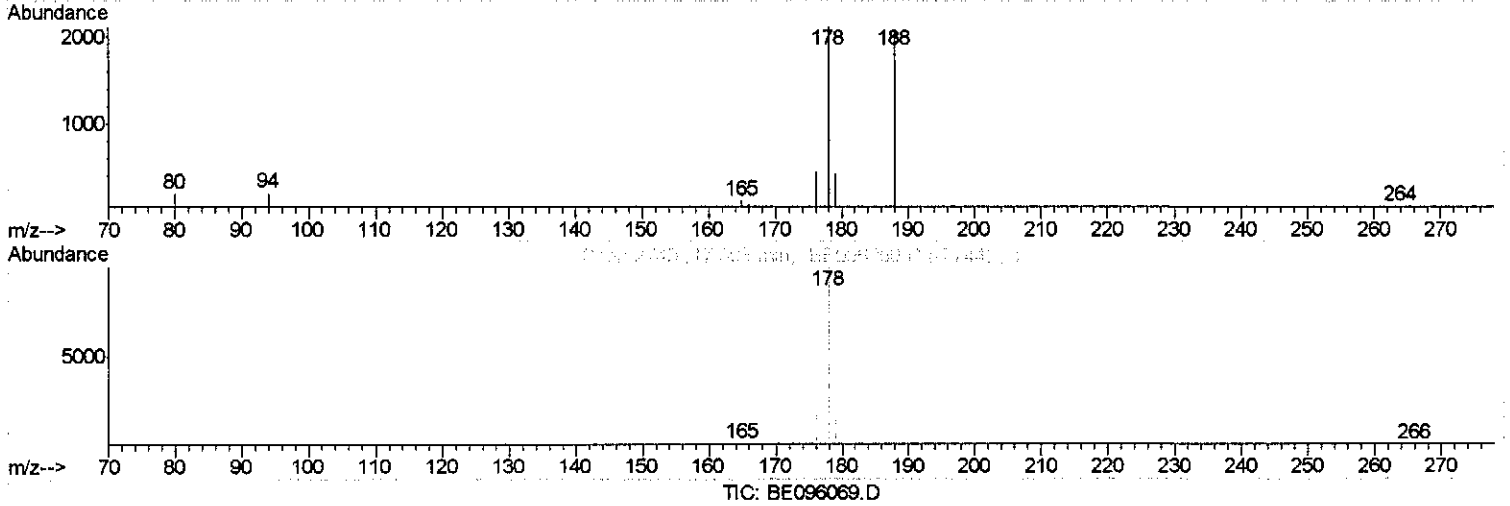
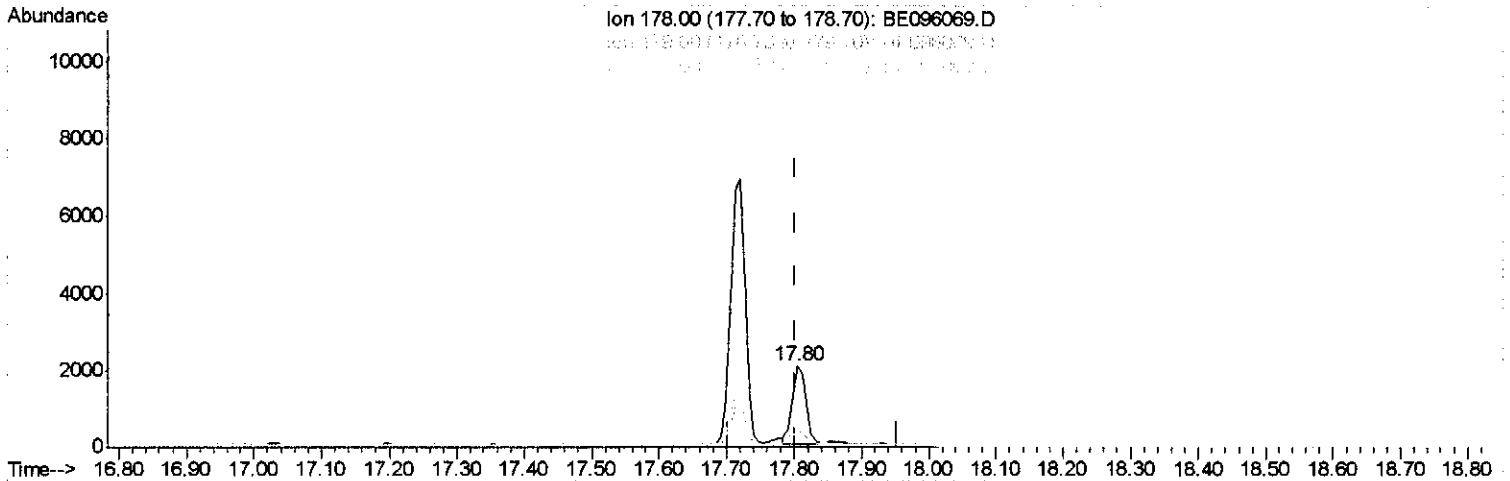
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(13) Anthracene

17.804min (+0.001) 0.13ng/ul m > SJ 4/24/18

response 2947

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	19.61
176.00	18.40	21.41
0.00	0.00	0.00

Quantitation Report (Qedit)

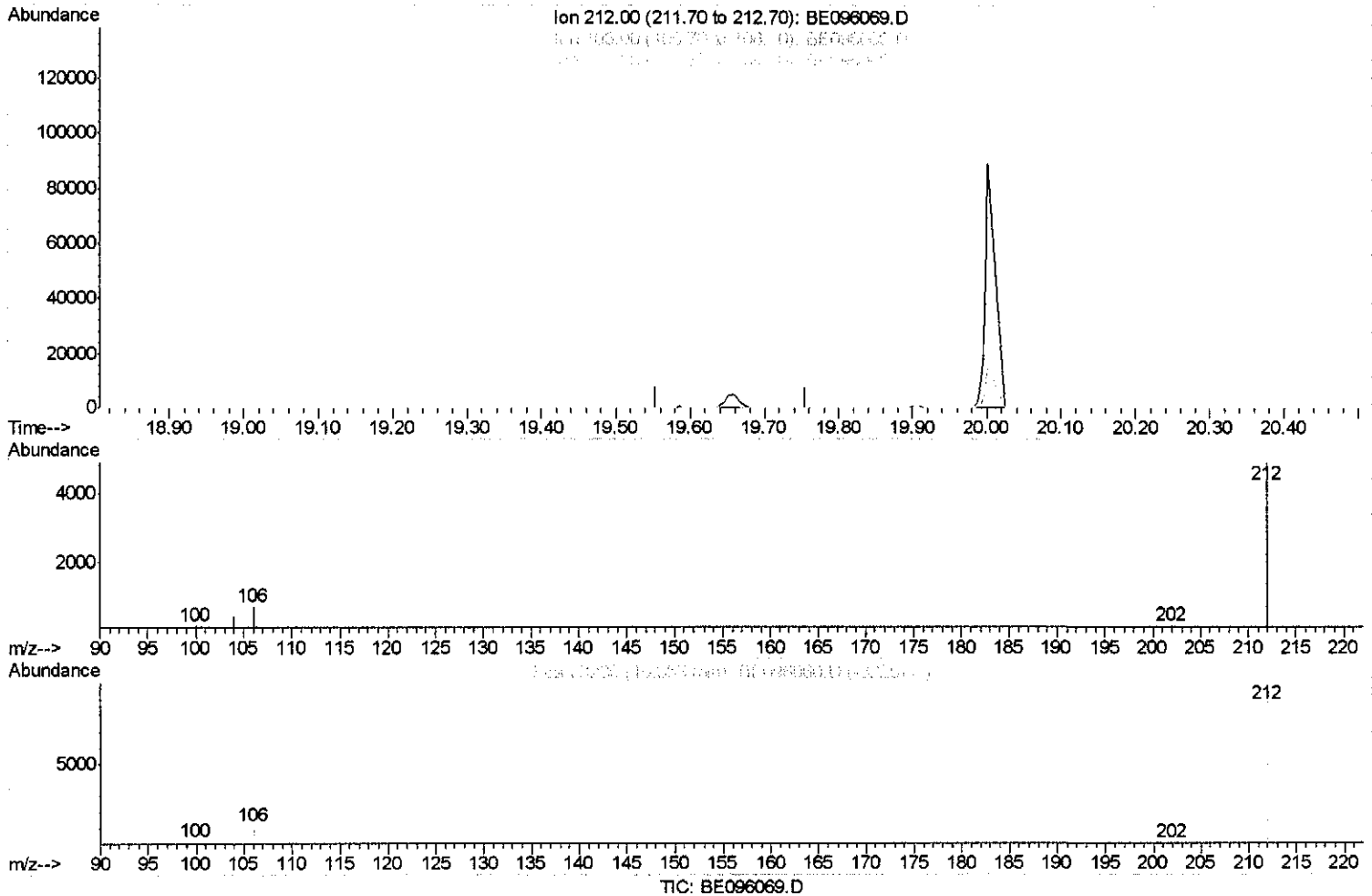
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 Acq On : 21 Apr 2018 8:22
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 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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(14) Fluoranthene-d10 (SURR)

19.656min (-19.656) 0.00ng/ui

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)

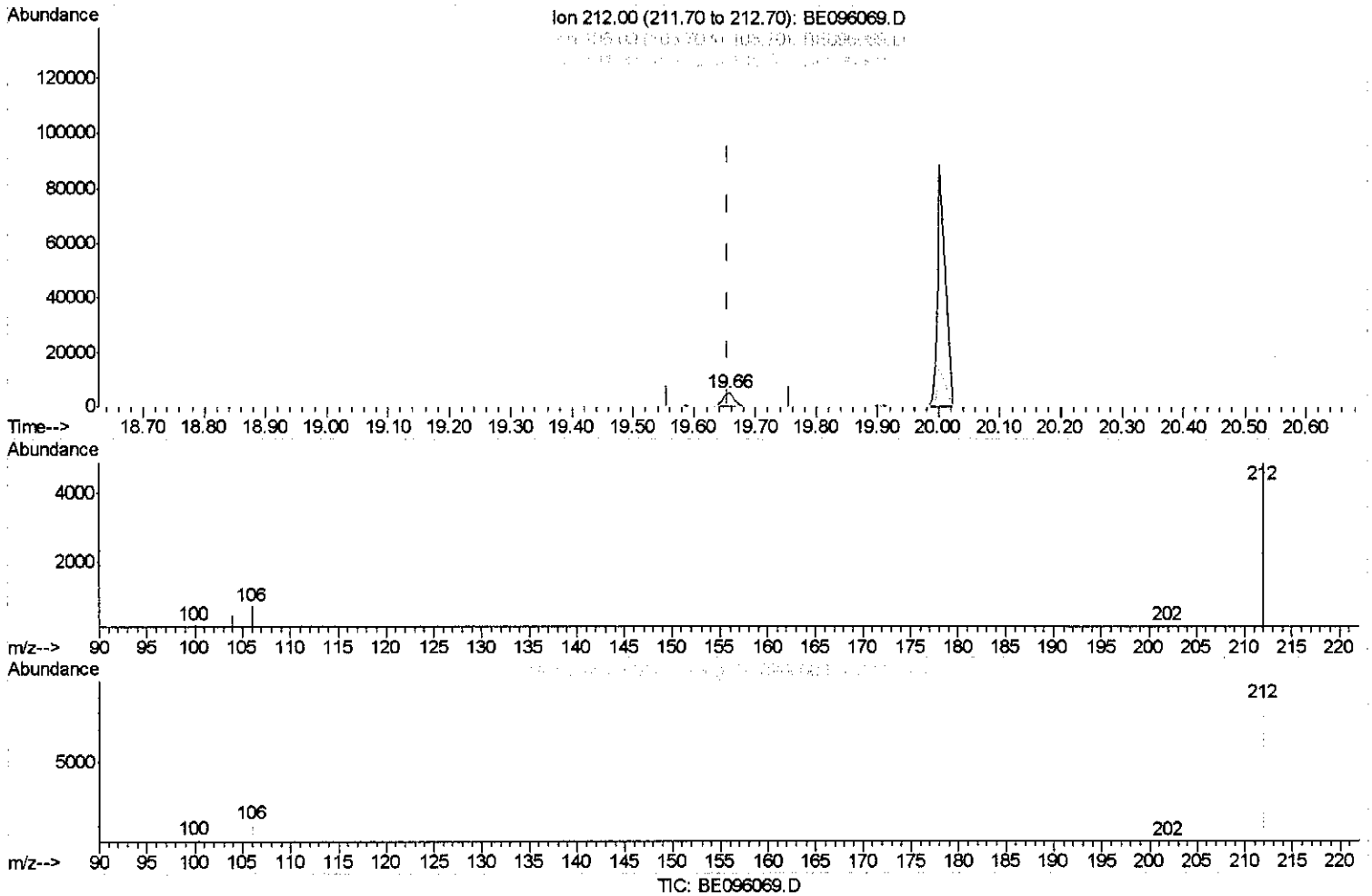
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096069.D
 Acq On : 21 Apr 2018 8:22
 Operator : SJ/JU
 Sample : J2434-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:29 PM

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(14) Fluoranthene-d10 (SURR)

19.655min (-0.001) 0.21ng/ul m

response 6407

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)

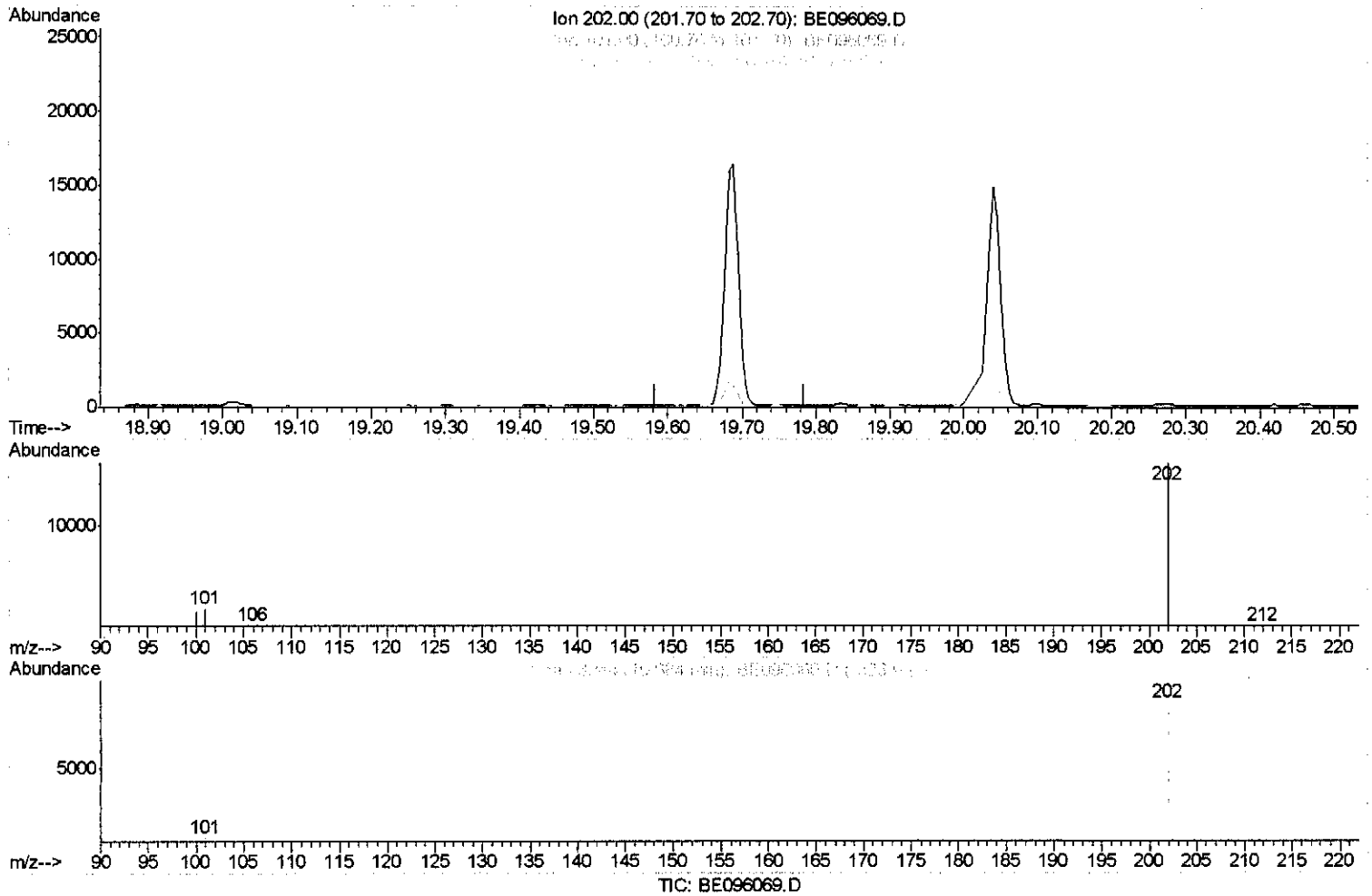
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
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 Operator : SJ/JU
 Sample : J2434-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Sohil
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(15) Fluoranthene (C)

19.684min (-19.684) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

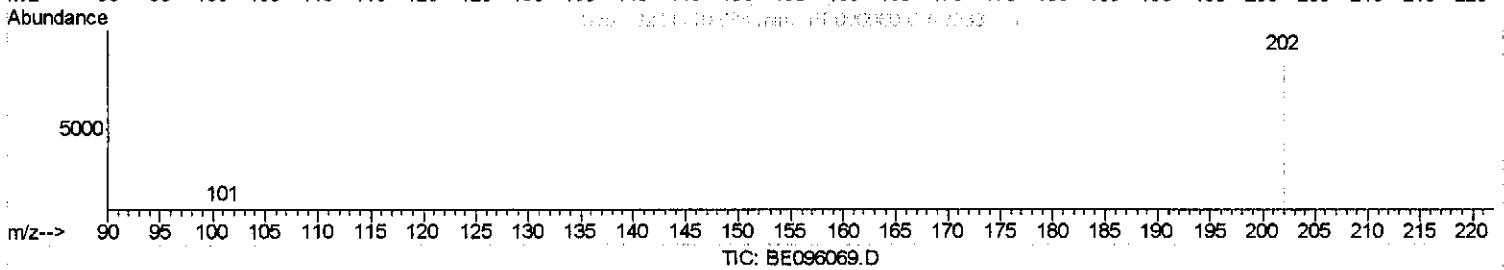
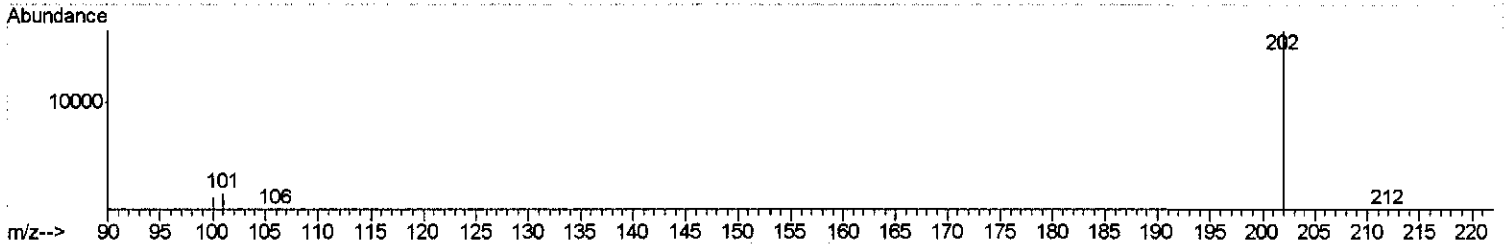
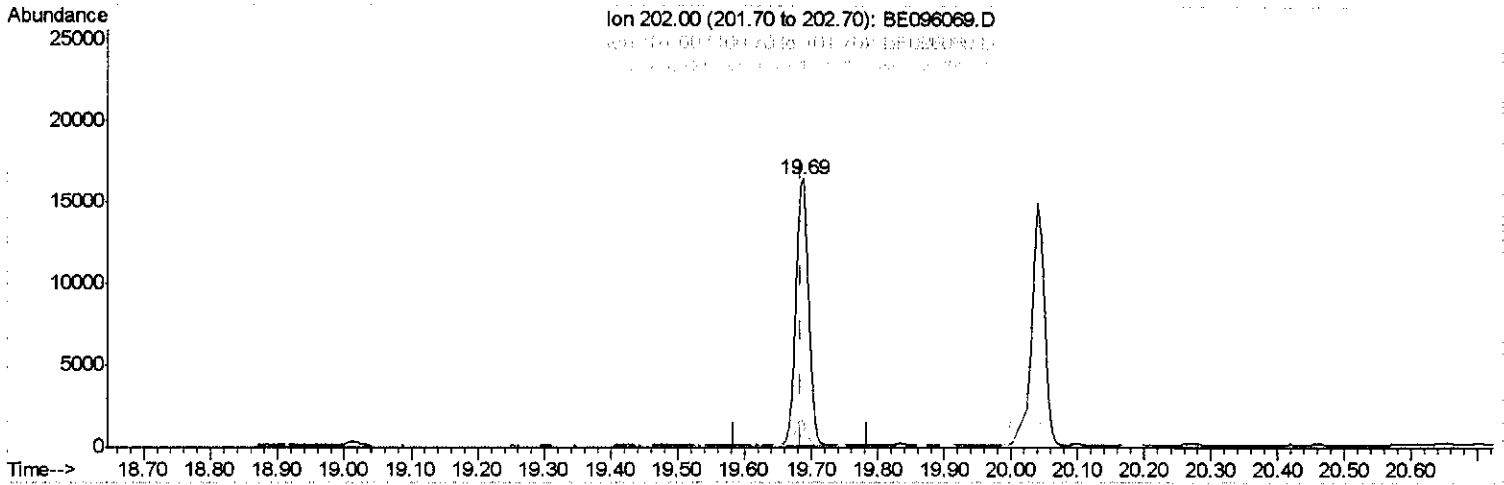
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096069.D
 Acq On : 21 Apr 2018 8:22
 Operator : SJ/JU
 Sample : J2434-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB9

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:29 PM

Quant Time: Apr 23 03:07:43 2018
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 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.687min (+0.003) 0.71ng/ul m > SJ 4/24/18

response 21362

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	9.75
100.00	19.50	7.72
0.00	0.00	0.00

Quantitation Report (Qedit)

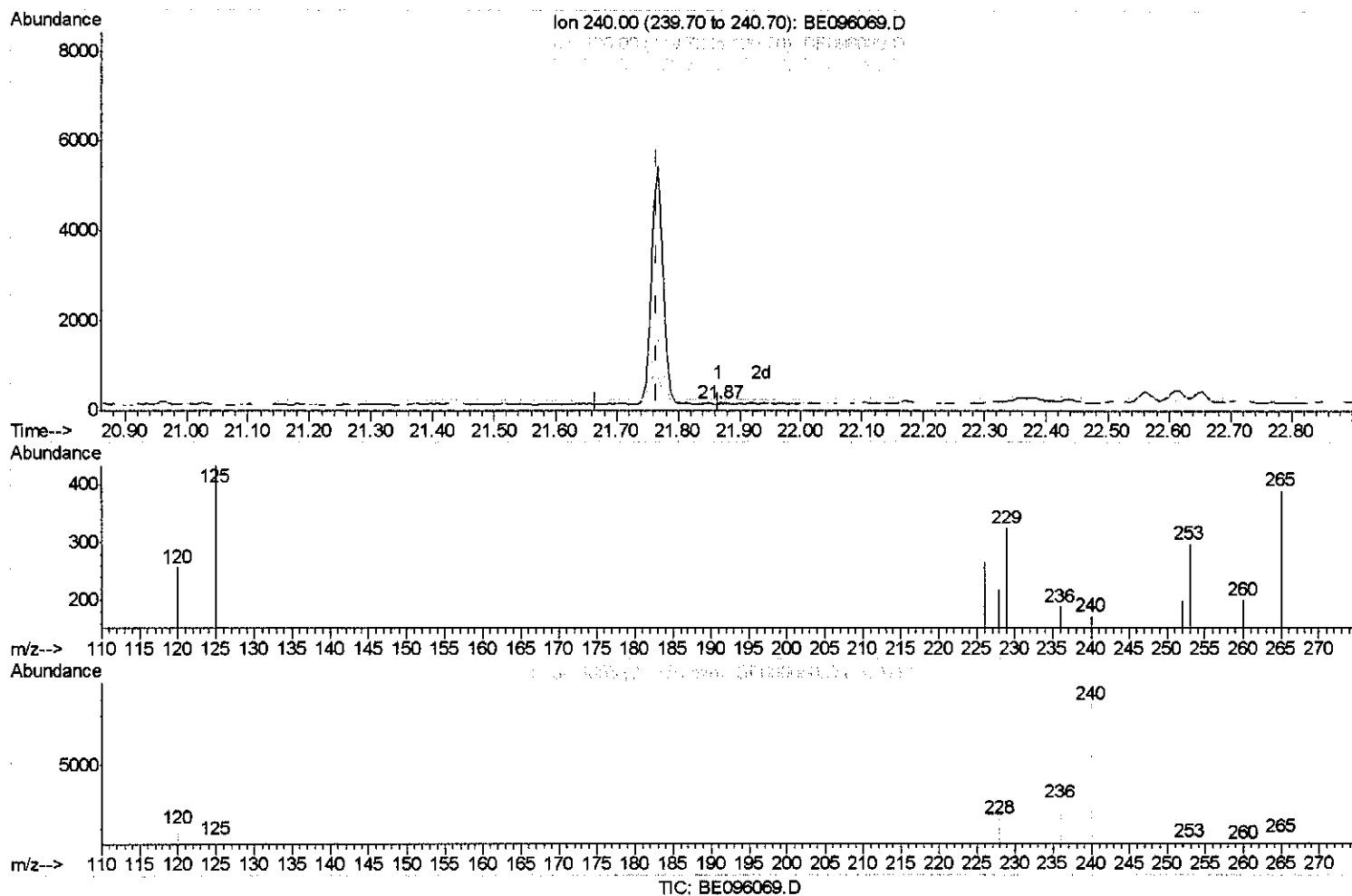
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096069.D
 Acq On : 21 Apr 2018 8:22
 Operator : SJ/JU
 Sample : J2434-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB9

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:29 PM

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(16) Chrysene-d12 (I)

21.866min (+0.100) 0.40ng/ul

response 35

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	148.55#
236.00	34.90	108.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

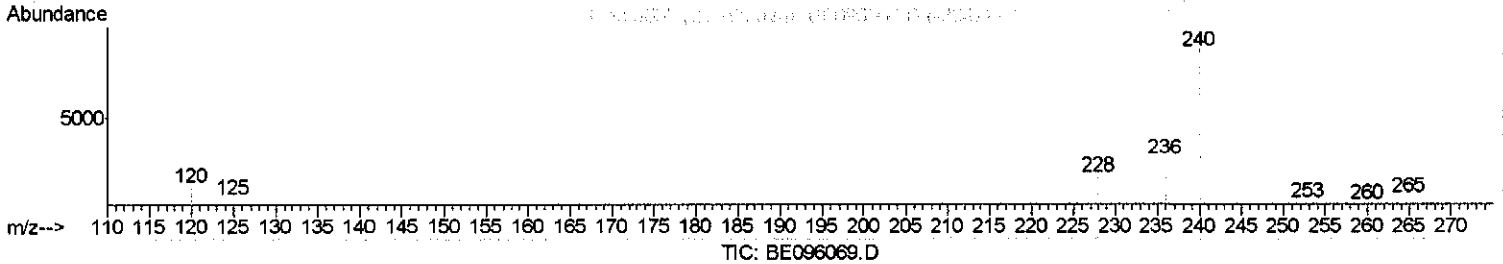
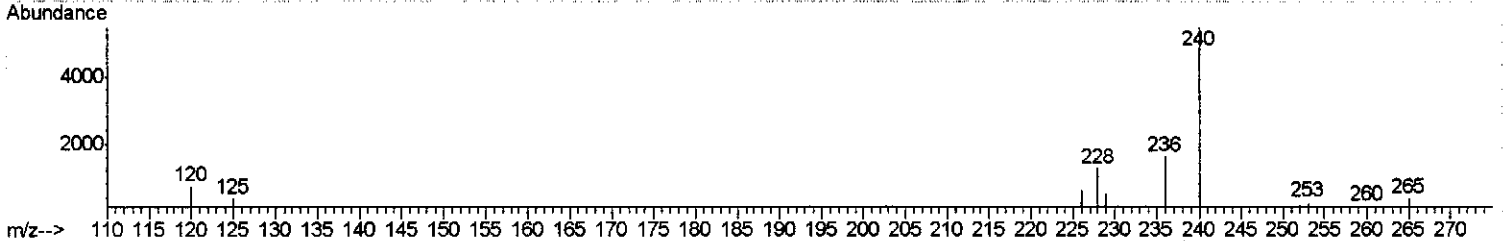
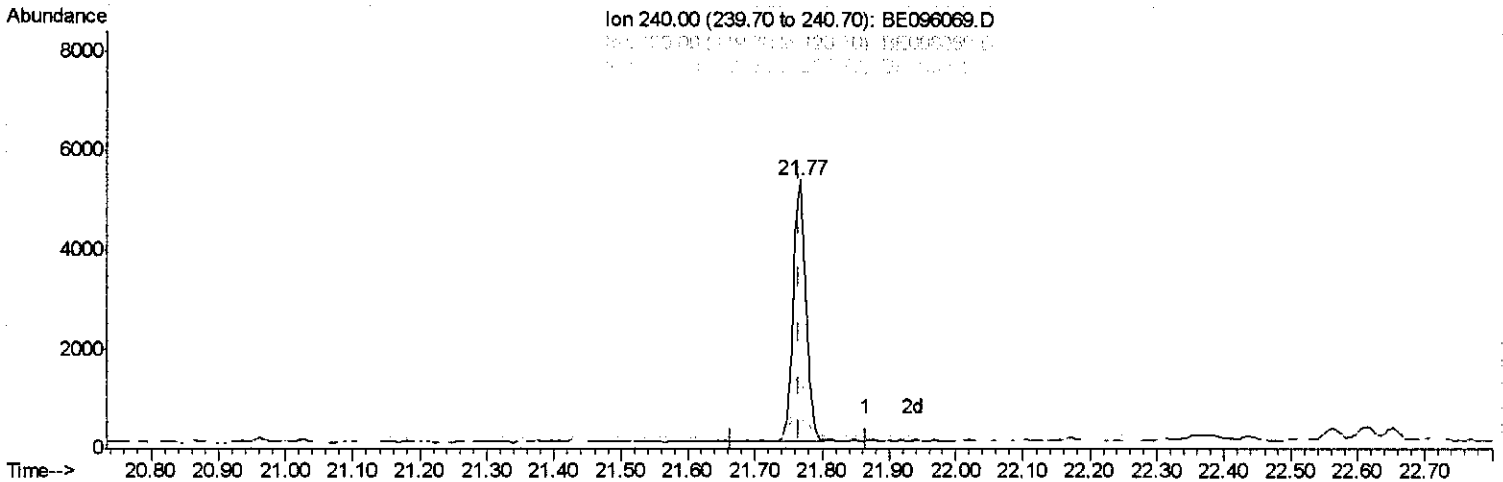
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096069.D
 Acq On : 21 Apr 2018 8:22
 Operator : SJ/JU
 Sample : J2434-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB9

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:29 PM

Quant Time: Apr 23 03:07:43 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.767min (+0.002) 0.40ng/ul m > SJ 4/24/18

response 7182

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	13.88#
236.00	34.90	30.10
0.00	0.00	0.00

Quantitation Report (Qedit)

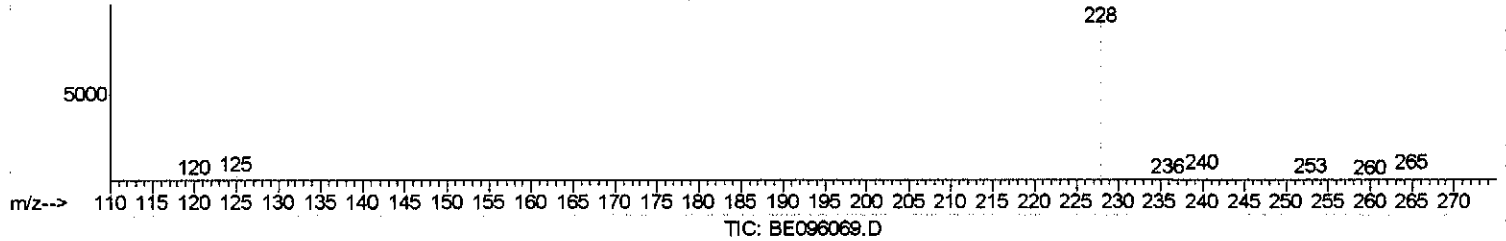
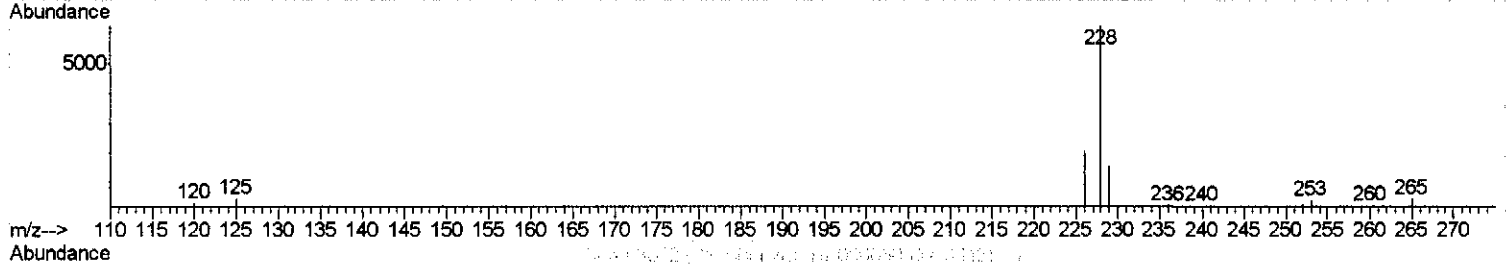
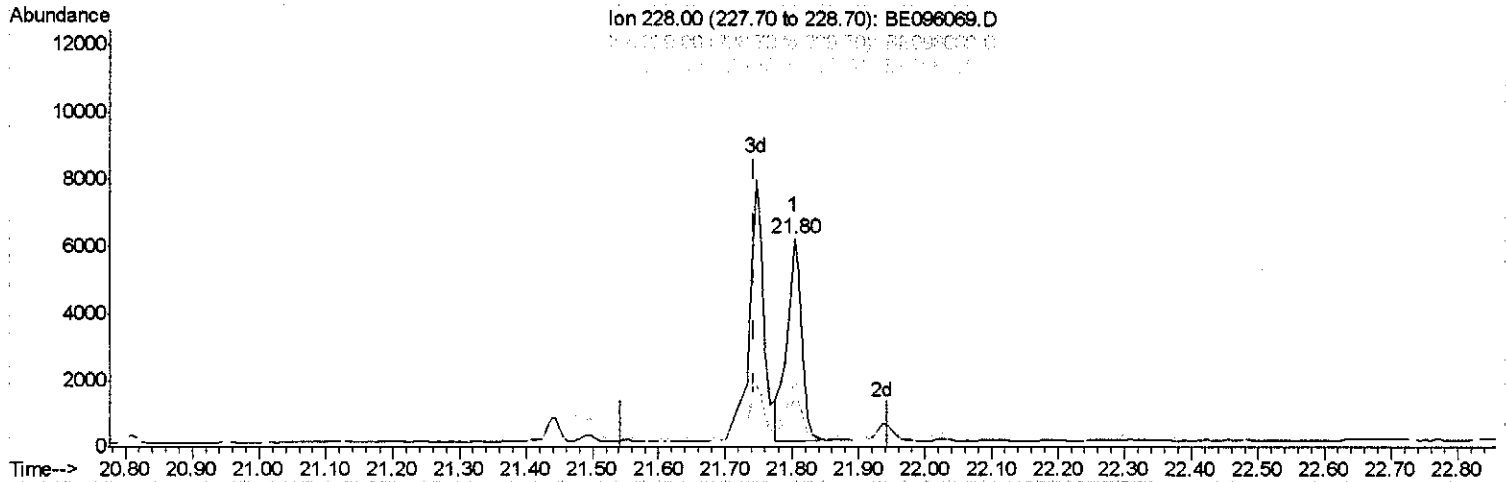
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(18) Benzo(a)anthracene
 21.802min (+0.058) 0.33ng/ul
 response 9536

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	24.68
226.00	21.30	32.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

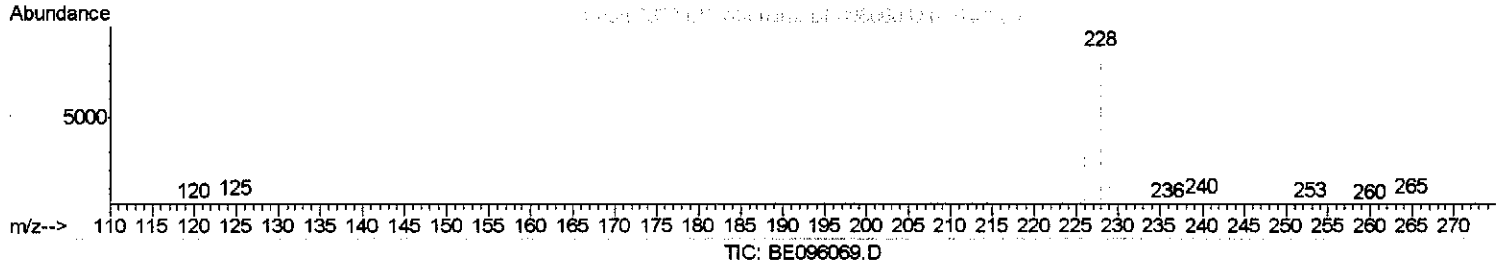
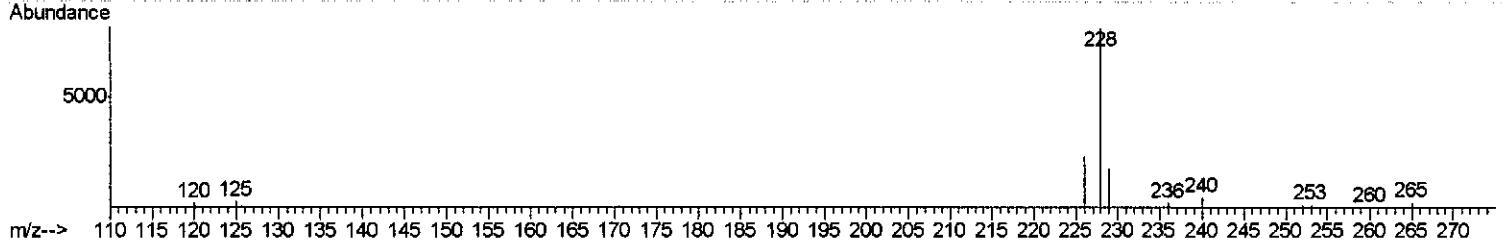
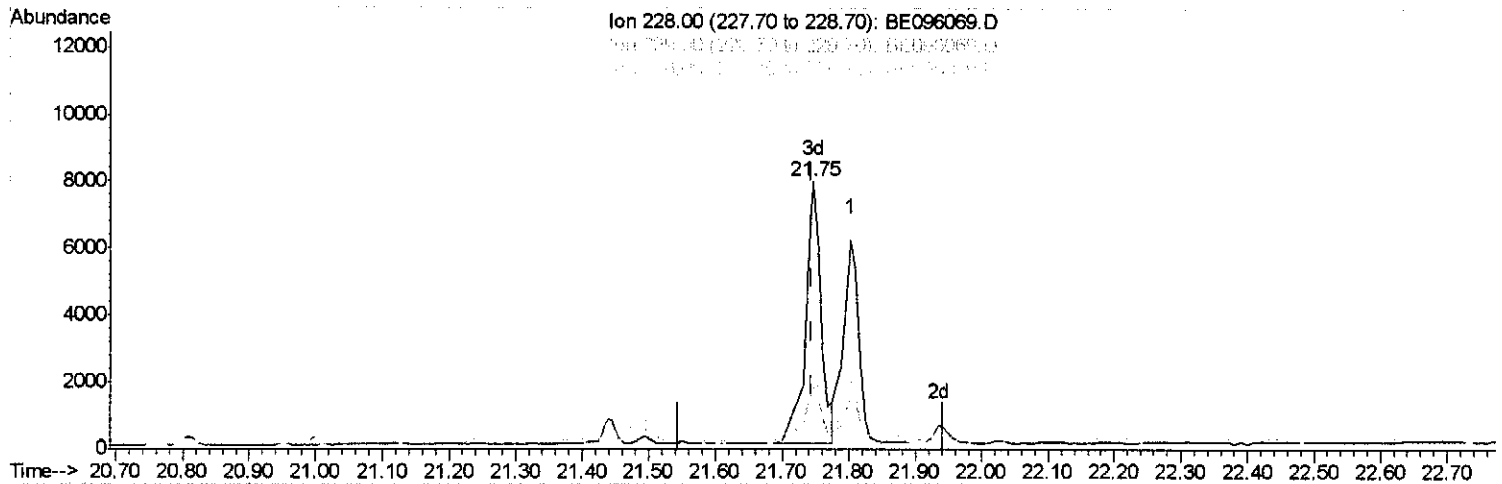
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(18) Benzo(a)anthracene

21.746min (+0.002) 0.51ng/ui m> SJ 4/24/18

response 14869

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	23.52
226.00	21.30	30.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

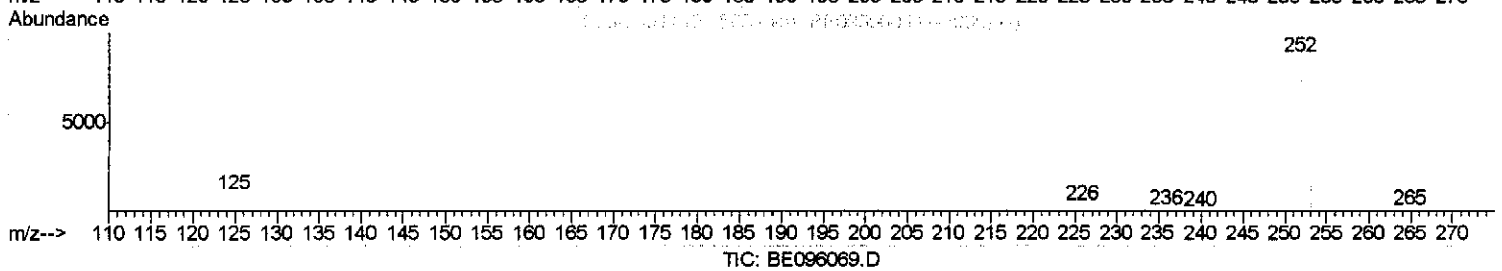
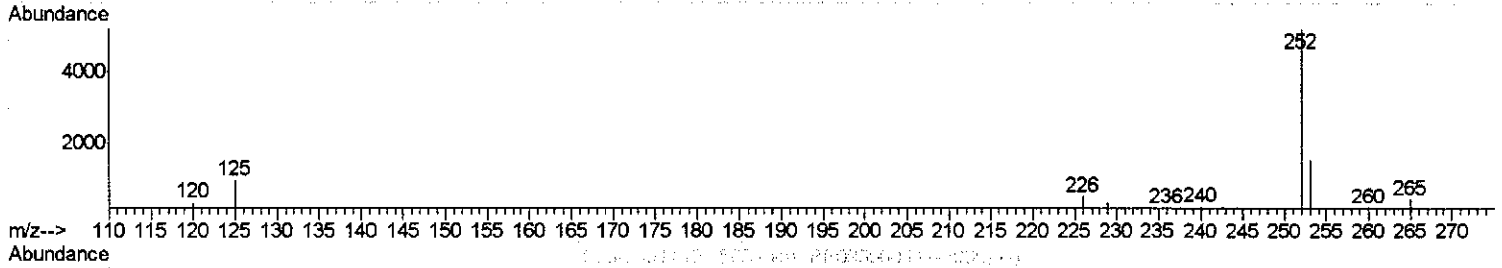
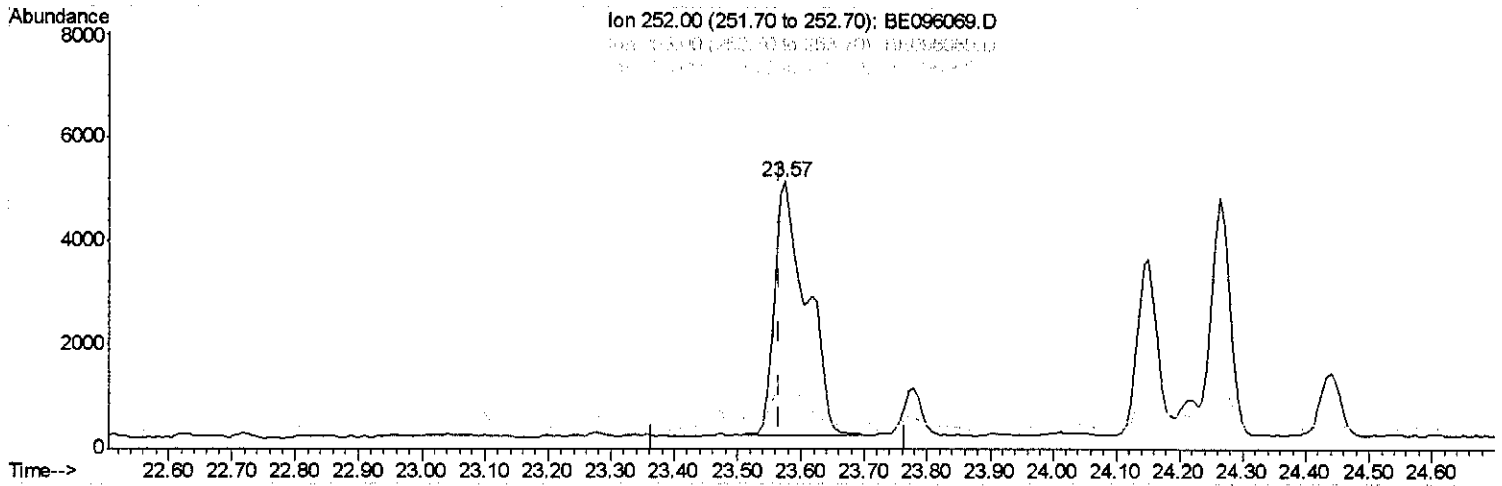
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(21) Benzo(b)fluoranthene

23.574min (+0.009) 0.62ng/ul

response 17281

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	29.84
125.00	17.50	18.21
0.00	0.00	0.00

Quantitation Report (Qedit)

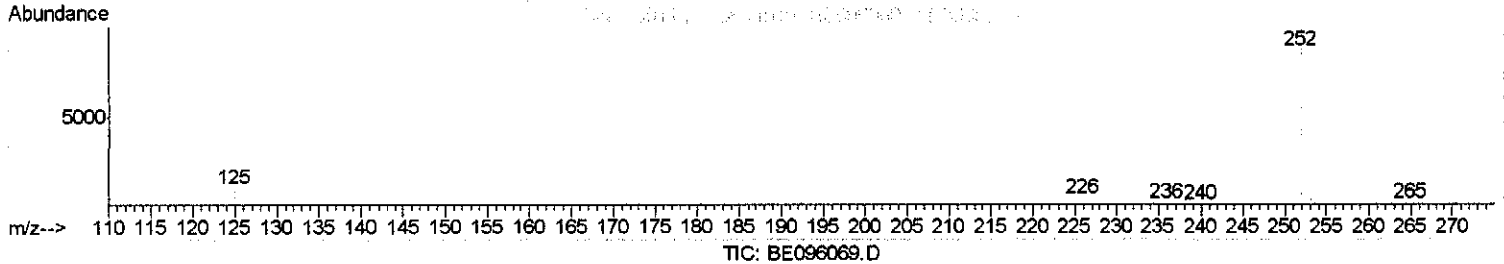
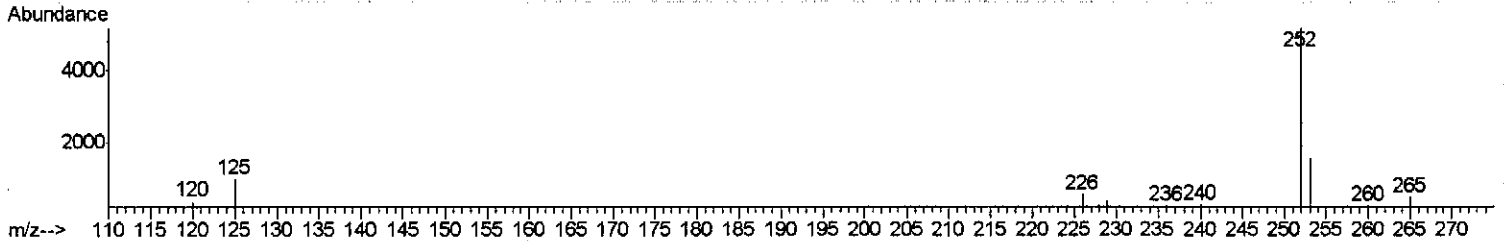
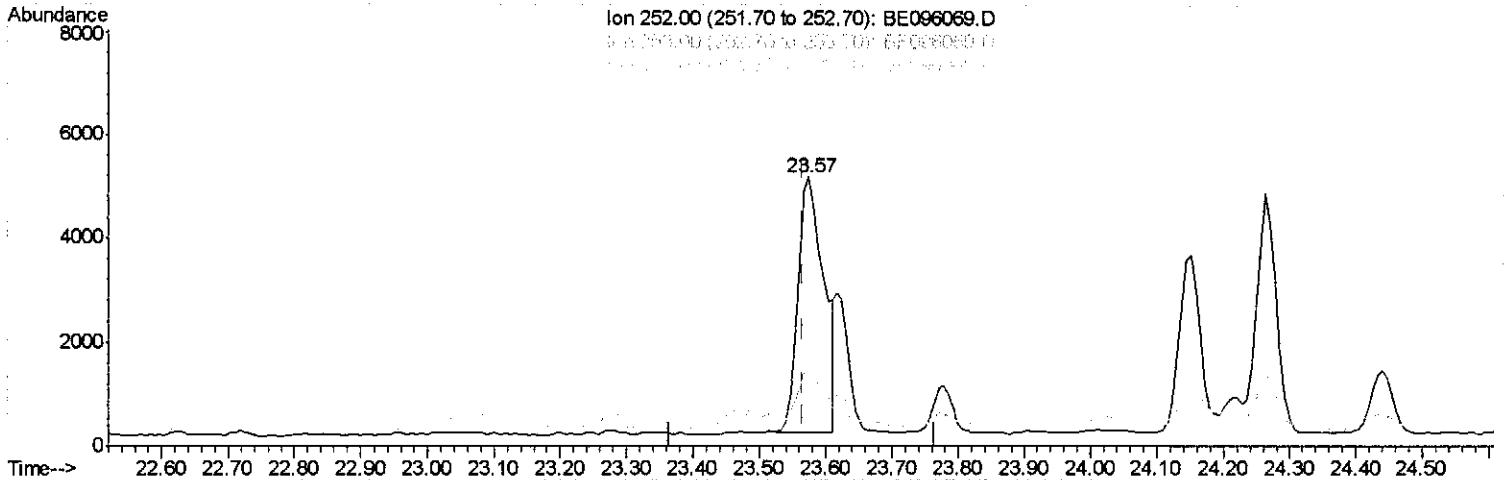
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(21) Benzo(b)fluoranthene

23.574min (+0.009) 0.48ng/ul m) SJ 4/24/18

response 13422

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	29.84
125.00	17.50	18.21
0.00	0.00	0.00

Quantitation Report (Qedit)

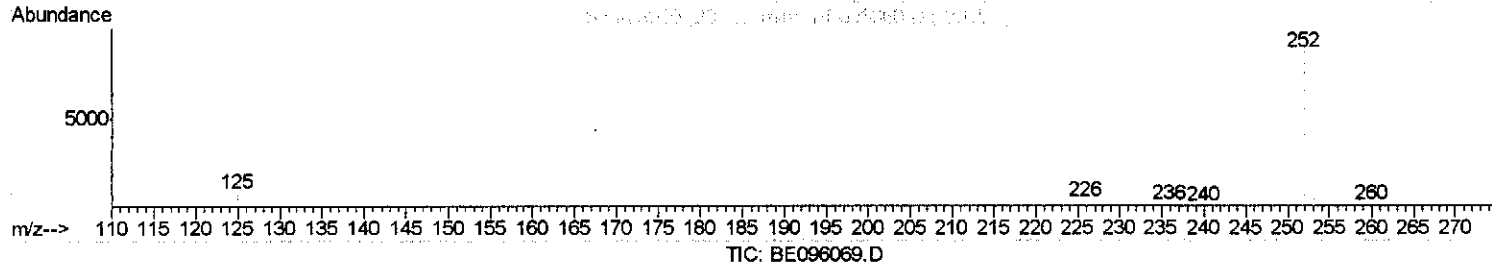
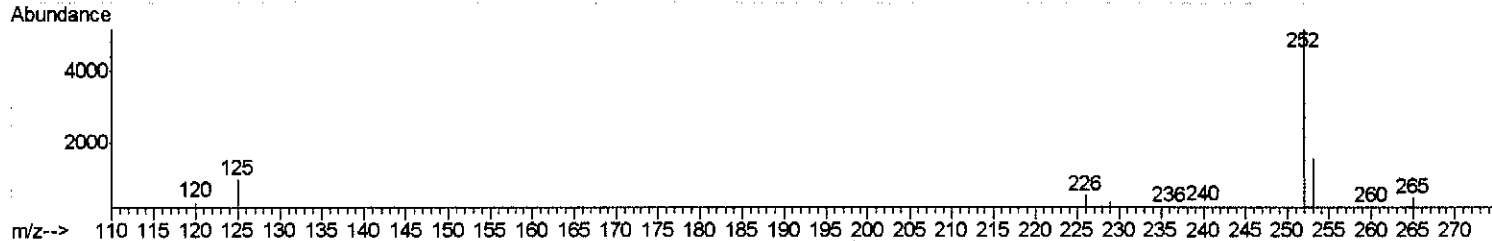
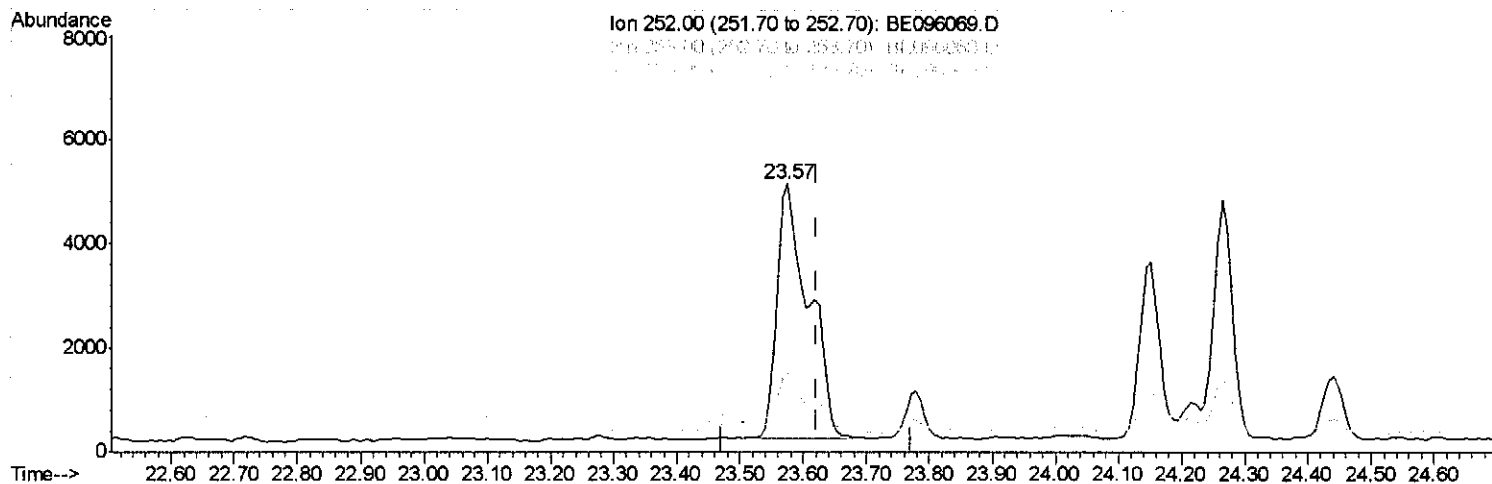
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096069.D
 Acq On : 21 Apr 2018 8:22
 Operator : SJ/JU
 Sample : J2434-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB9

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:29 PM

Quant Time: Apr 23 03:07:43 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.574min (-0.047) 0.62ng/ul

response 17281

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	29.84
125.00	17.10	18.21
0.00	0.00	0.00

Quantitation Report (Qedit)

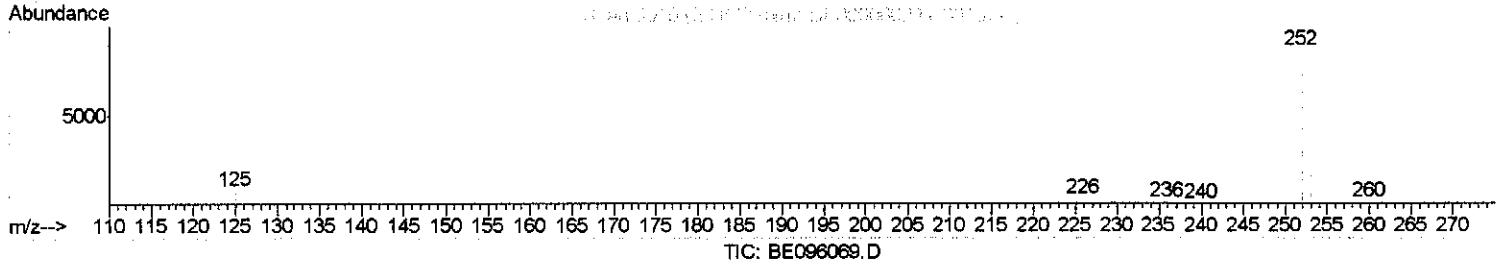
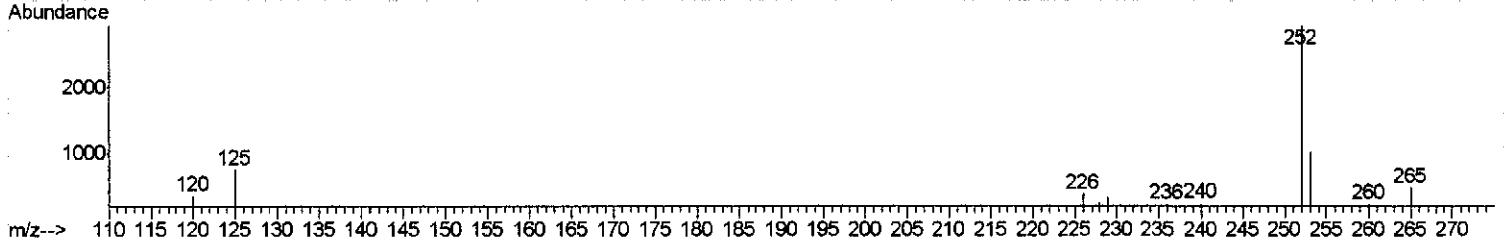
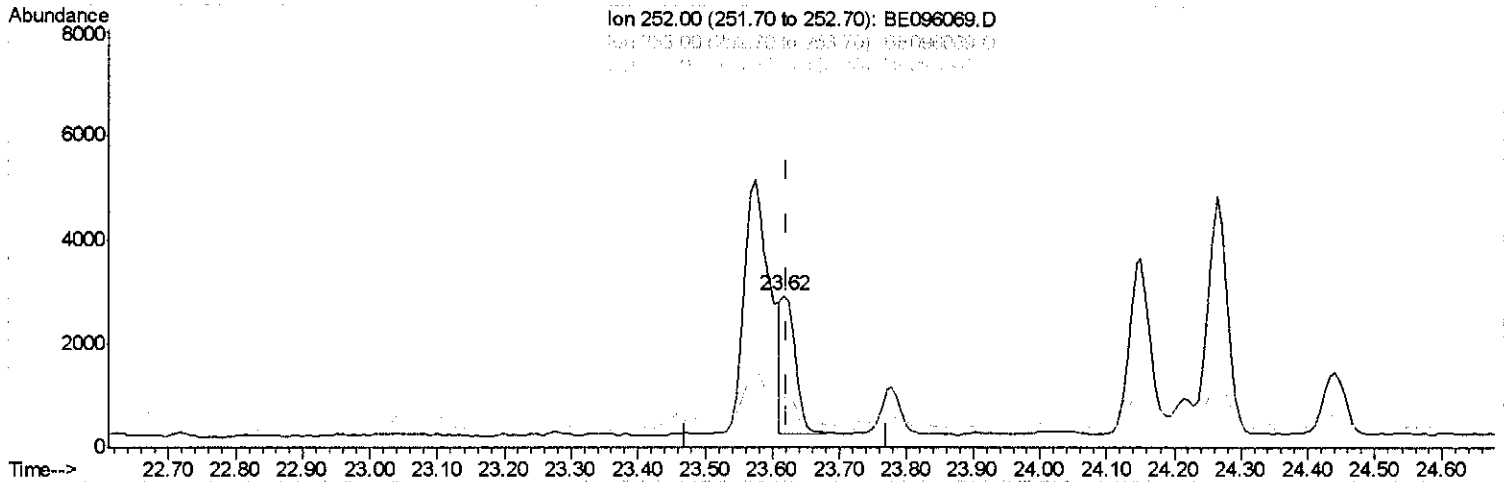
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096069.D
 Acq On : 21 Apr 2018 8:22
 Operator : SJ/JU
 Sample : J2434-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB9

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:29 PM

Quant Time: Apr 23 03:07:43 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.617min (-0.005) 0.14ng/ul m

SJ 4/24/18

response 3782

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	34.57
125.00	17.10	25.17#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
ClientSampleId :
C0AB9

Manual Integrations
APPROVED

Sohil
4/23/2018 6:44:29 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
Data File : BE096069.D
Acq On : 21 Apr 2018 8:22
Operator : SJ/JU
Sample : J2434-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 23 03:46:42 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 01:07:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2151	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5907	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3490	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7533m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7182m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	8634	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2457	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	6407m	0.21	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.25	128	633	0.038	ng/ul#	71
5) 2-Methylnaphthalene	12.83	142	363	0.032	ng/ul	97
8) Acenaphthene	15.03	153	506	0.039	ng/ul#	92
9) Fluorene	16.00	166	584	0.040	ng/ul#	82
12) Phenanthrene	17.72	178	10322m	0.465	ng/ul	
13) Anthracene	17.80	178	2947m	0.133	ng/ul	
15) Fluoranthene	19.69	202	21362m	0.707	ng/ul	
17) Pyrene	20.04	202	19276	0.790	ng/ul#	79
18) Benzo(a)anthracene	21.75	228	14869m	0.512	ng/ul	
19) Chrysene	21.80	228	9508	0.455	ng/ul	94
21) Benzo(b)fluoranthene	23.57	252	13422m	0.480	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	3782m	0.136	ng/ul	
23) Benzo(a)pyrene	24.26	252	9664	0.358	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	27.17	276	6446	0.215	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.17	278	1884	0.078	ng/ul#	52
26) Benzo(a,h,i)perylene	28.04	276	7415	0.296	ng/ul#	93

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