

Quantitation Report (QT Reviewed)

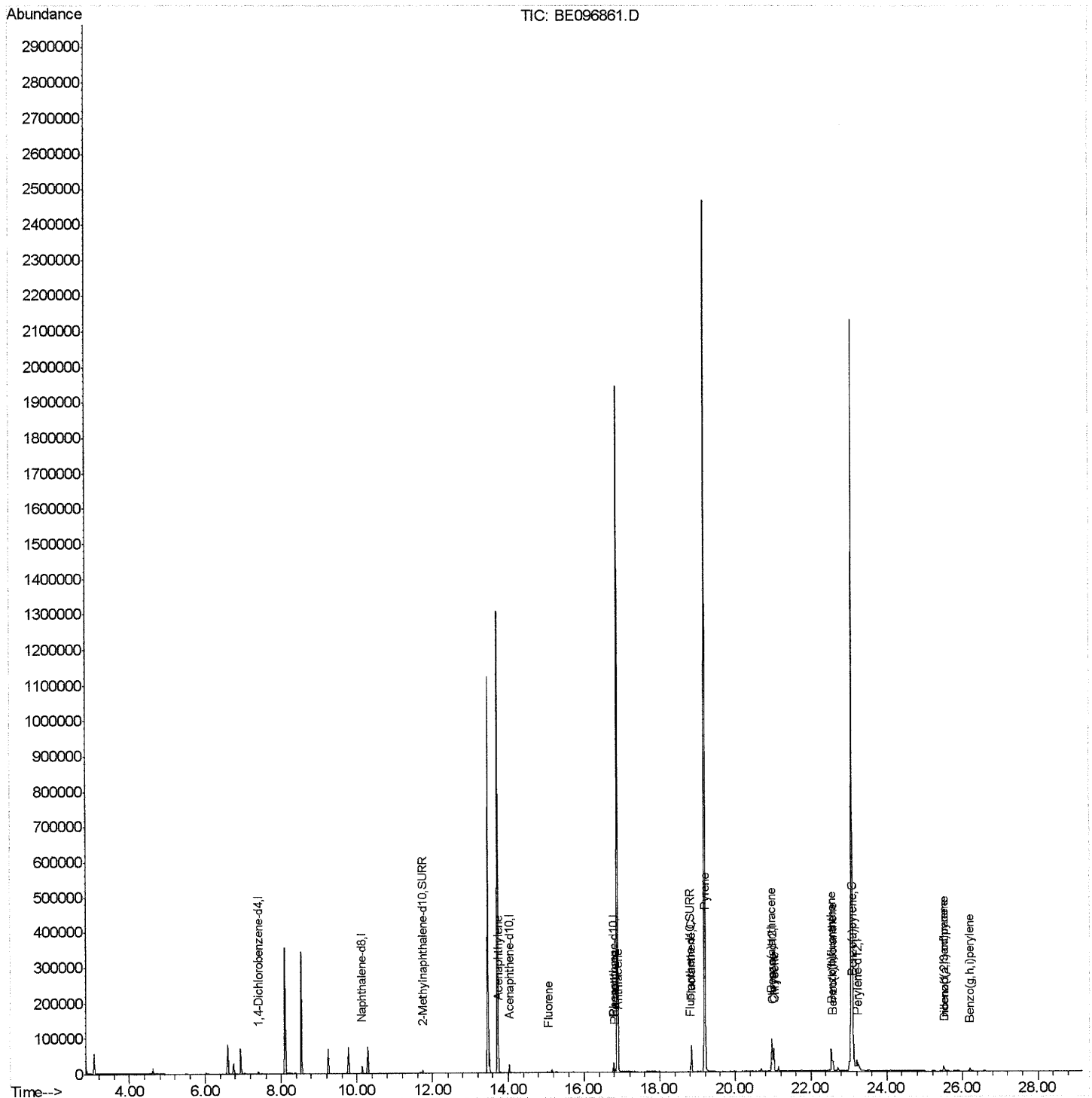
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE070618\
 Data File : BE096861.D
 Acq On : 6 Jul 2018 19:58
 Operator : SJ/JU
 Sample : J3721-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1H15

Manual Integrations
 APPROVED

Sohil
 7/9/2018 4:14:28 PM

Quant Time: Jul 09 13:02:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 07 07:26:18 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

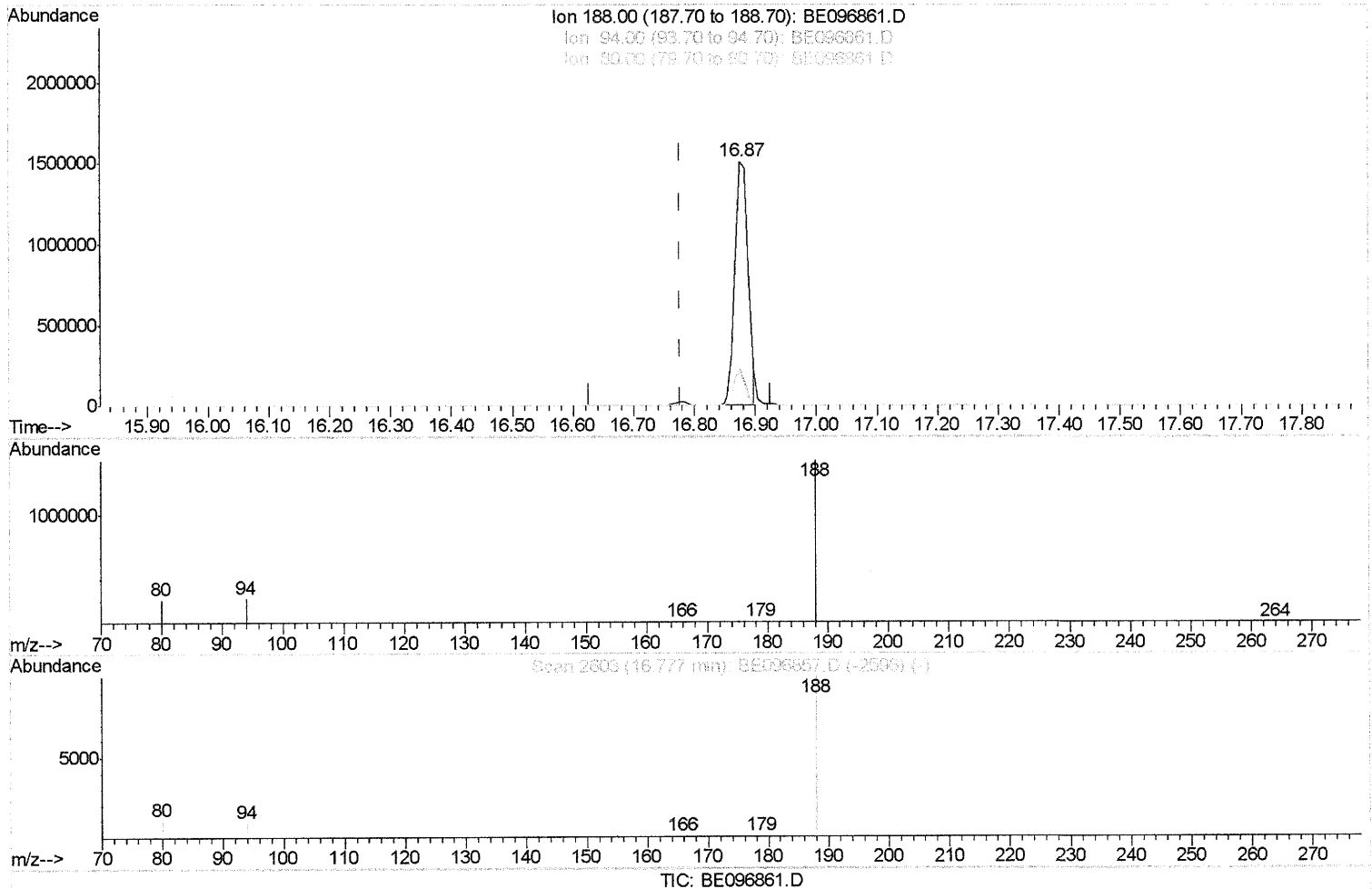
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE070618\
 Data File : BE096861.D
 Acq On : 6 Jul 2018 19:58
 Operator : SJ/JU
 Sample : J3721-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F1H15

Manual Integrations
 APPROVED

Sohil
 7/9/2018 4:14:28 PM

Quant Time: Jul 09 12:50:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(10) Phenanthrene-d10 (I)
 16.874min (+0.098) 0.40ng/ui
 response 2233771

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	14.81#
80.00	11.80	13.71
0.00	0.00	0.00

Quantitation Report (Qedit)

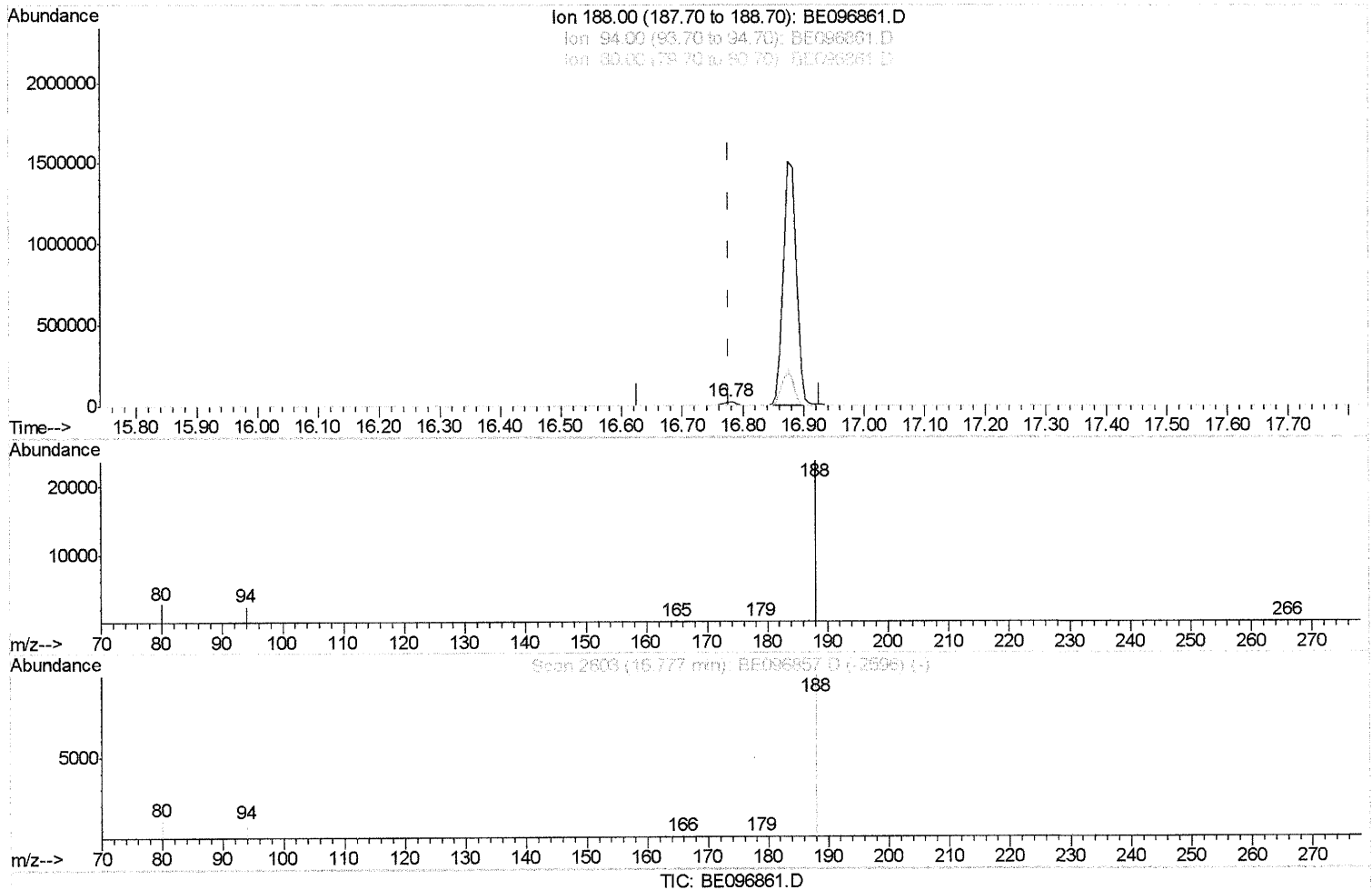
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE070618\
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Instrument :
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 ClientSampleId :
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Manual Integrations
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Sohil
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Quant Time: Jul 09 12:50:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.776min (-0.001) 0.40ng/ul m

response 32385

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.10
80.00	11.80	11.63
0.00	0.00	0.00

SJ 7/11/18

Quantitation Report (Qedit)

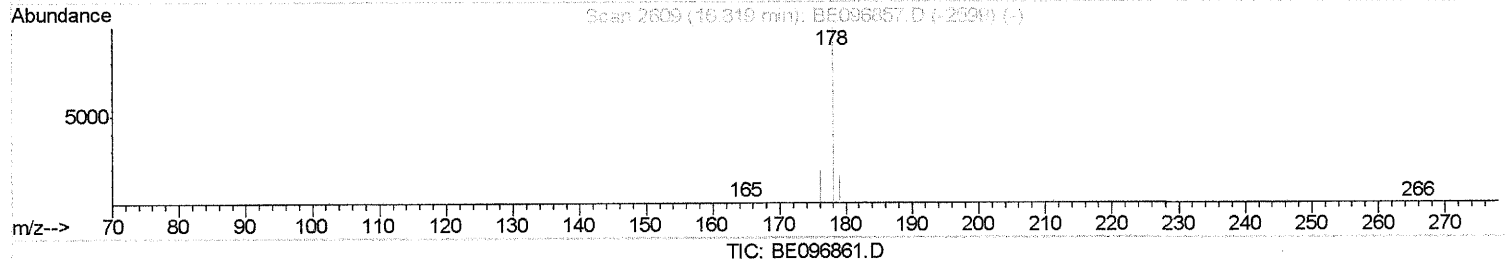
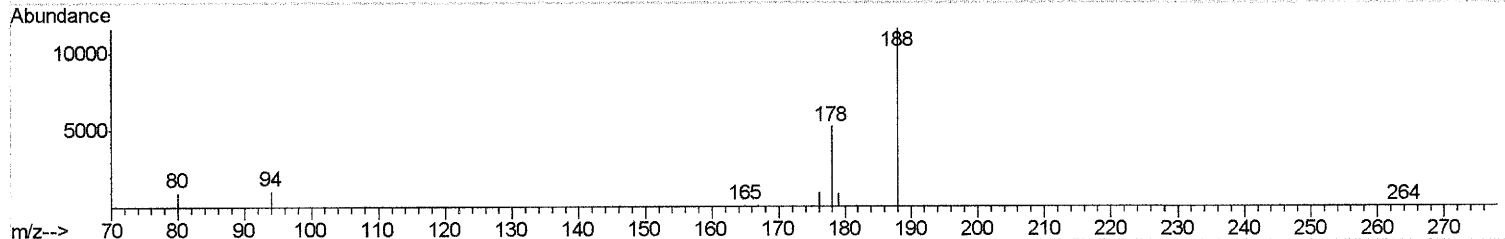
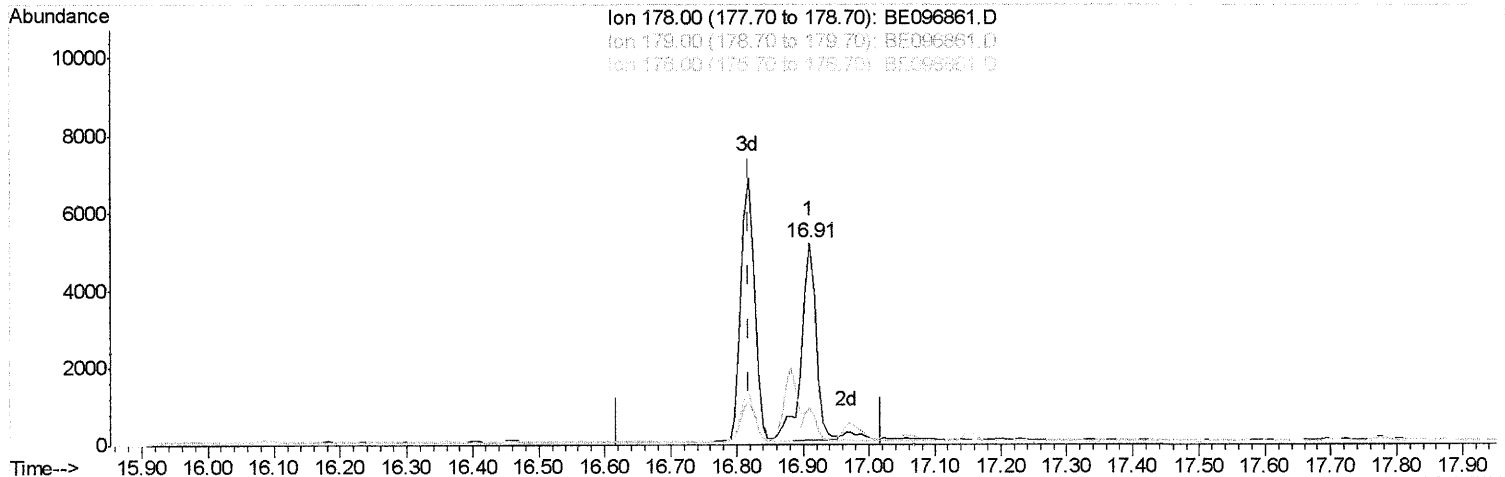
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE070618\
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Sohil
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(12) Phenanthrene

16.910min (+0.091) 0.10ng/ul

response 8074

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	18.07#
176.00	17.00	19.19
0.00	0.00	0.00

Quantitation Report (Qedit)

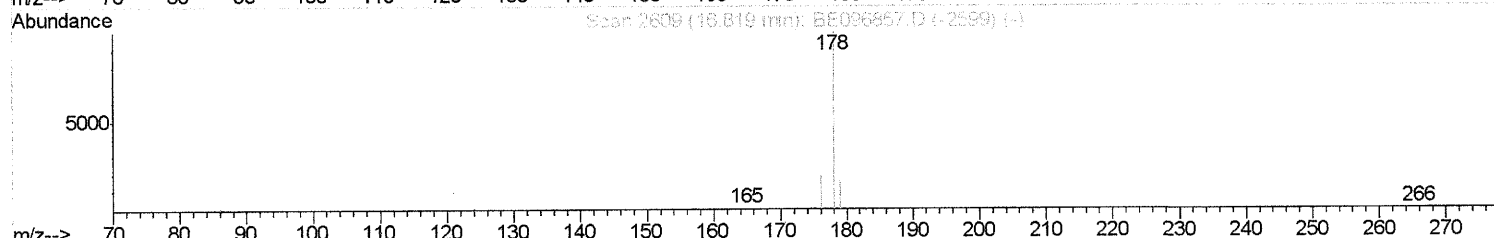
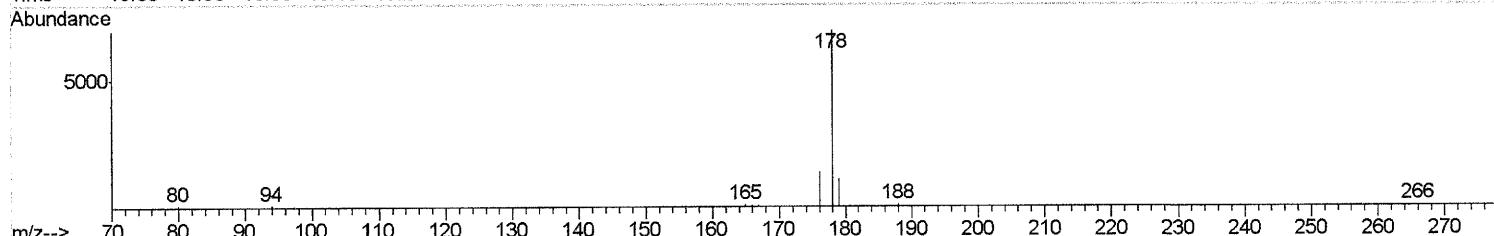
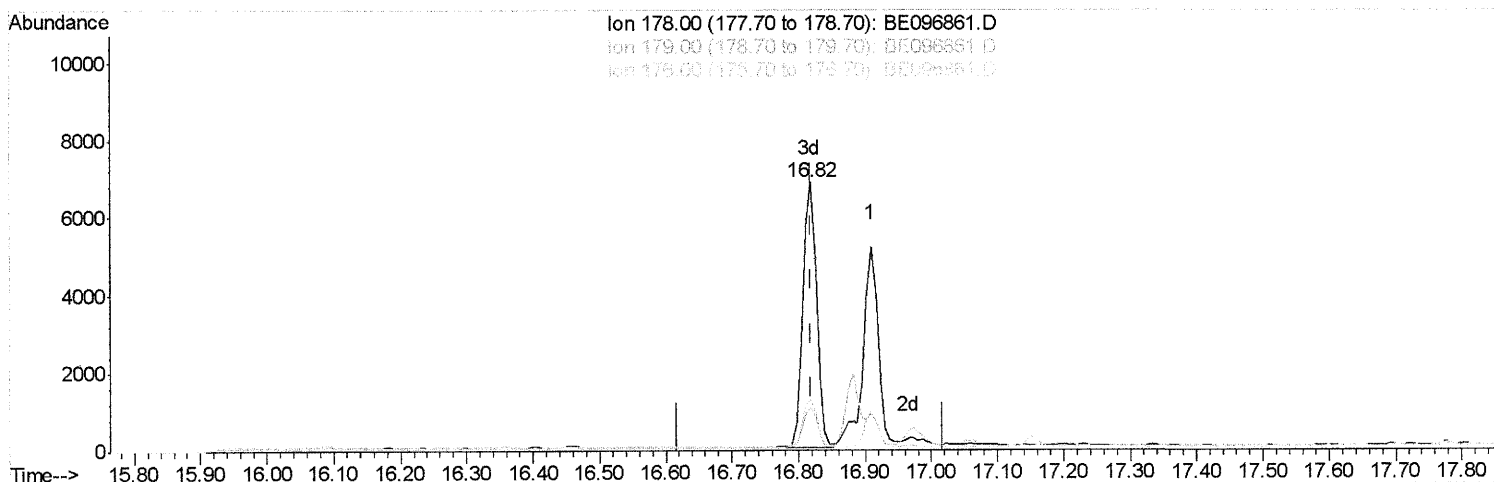
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TIC: BE096861.D

(12) Phenanthrene

16.818min (-0.001) 0.12ng/ul m

SJ 7/11/18

response 9748

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	16.43#
176.00	17.00	19.71
0.00	0.00	0.00

Quantitation Report (Qedit)

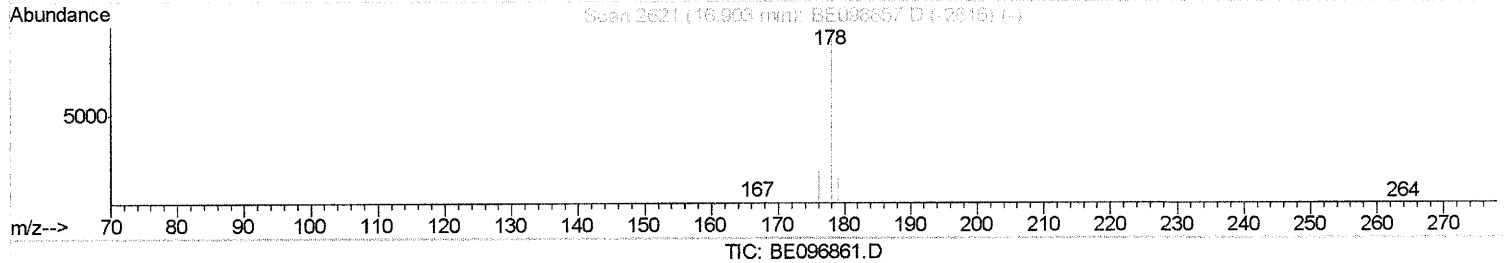
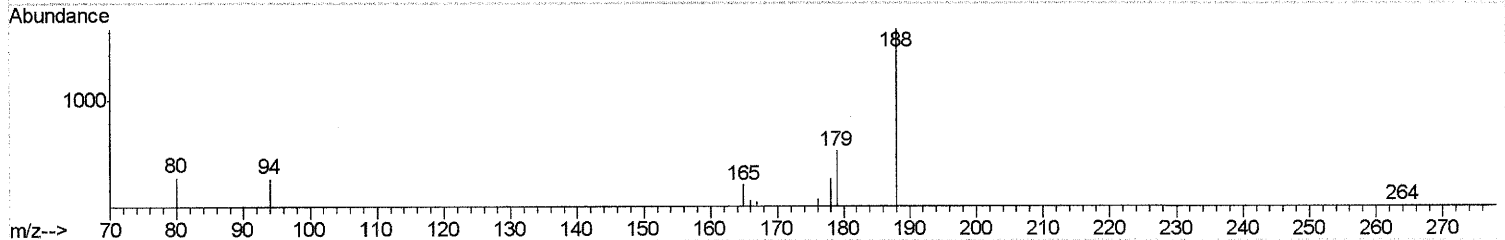
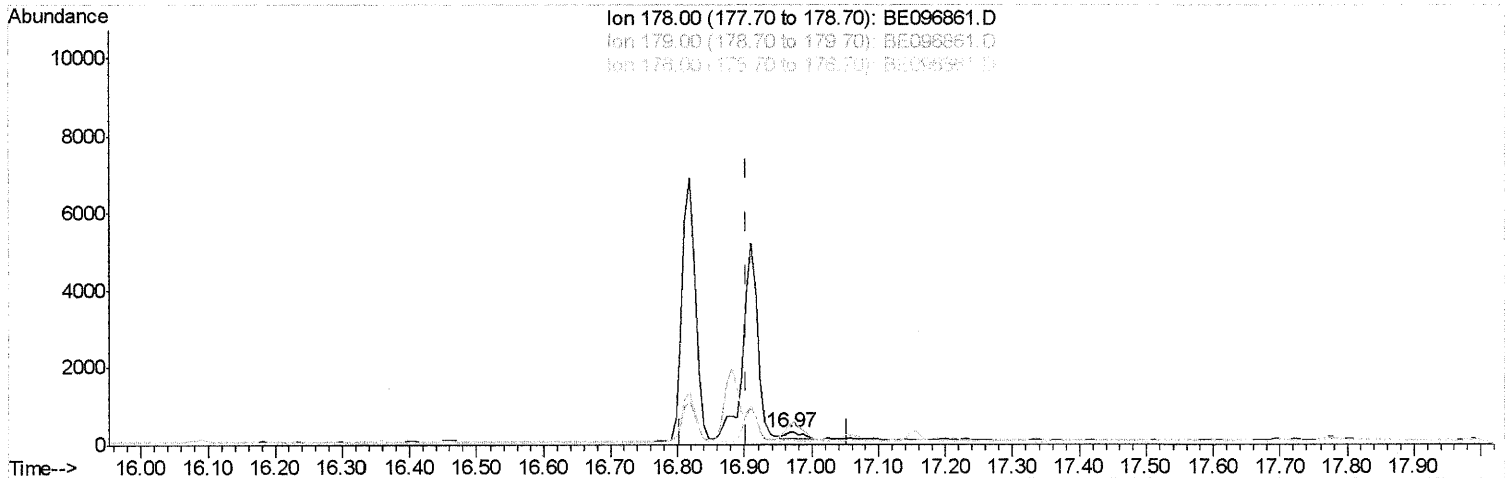
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(13) Anthracene

16.966min (+0.062) 0.00ng/ul

response 278

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	180.53#
176.00	18.40	39.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

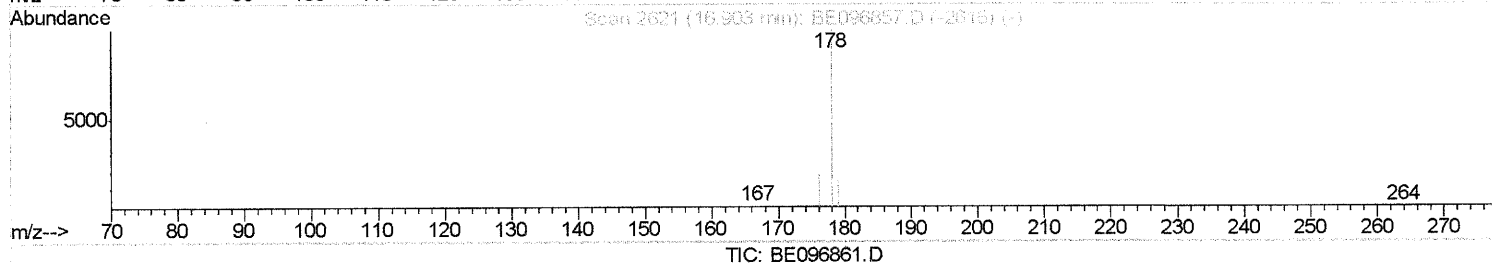
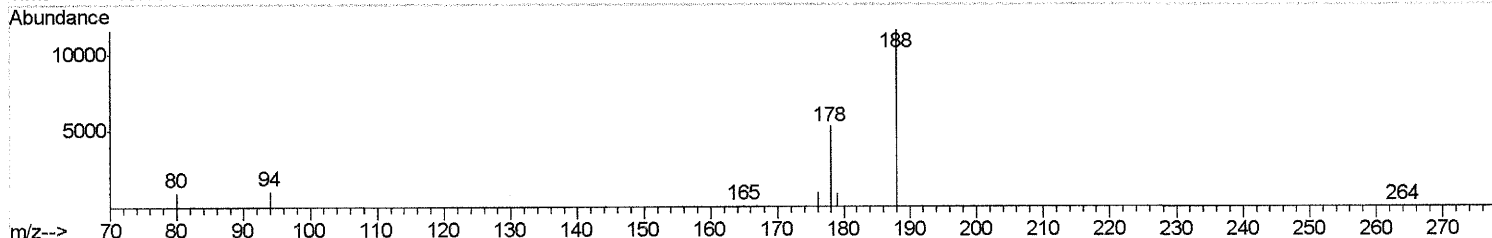
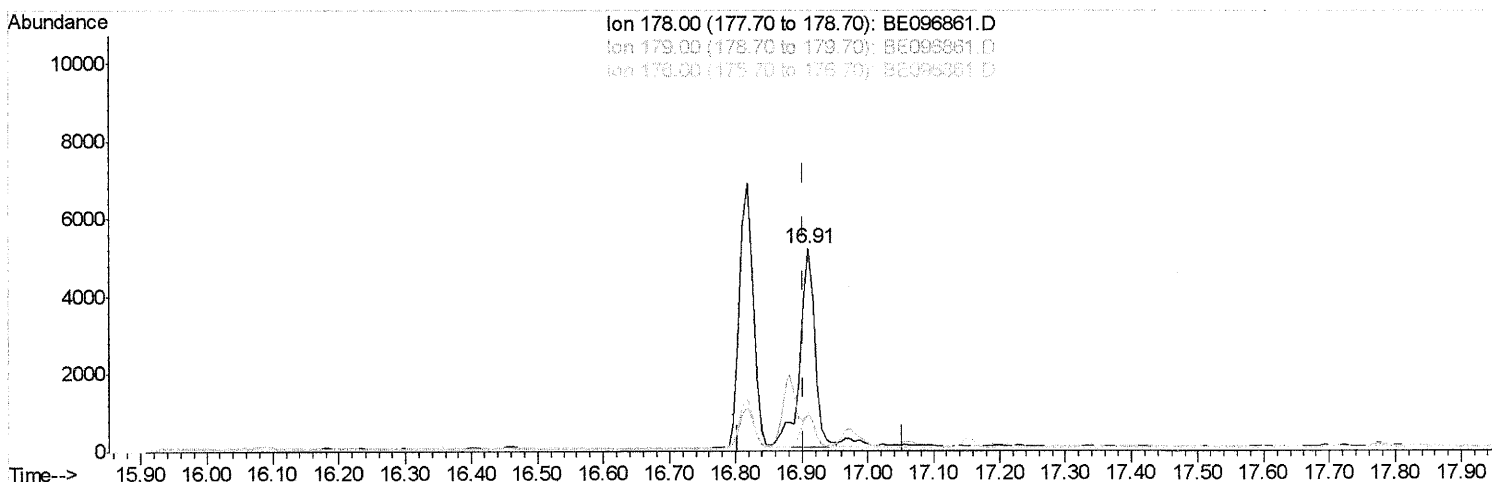
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(13) Anthracene

16.910min (+0.006) 0.12ng/ul m

SJ 7/11/18

response 8267

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	18.07#
176.00	18.40	19.19
0.00	0.00	0.00

Quantitation Report (Qedit)

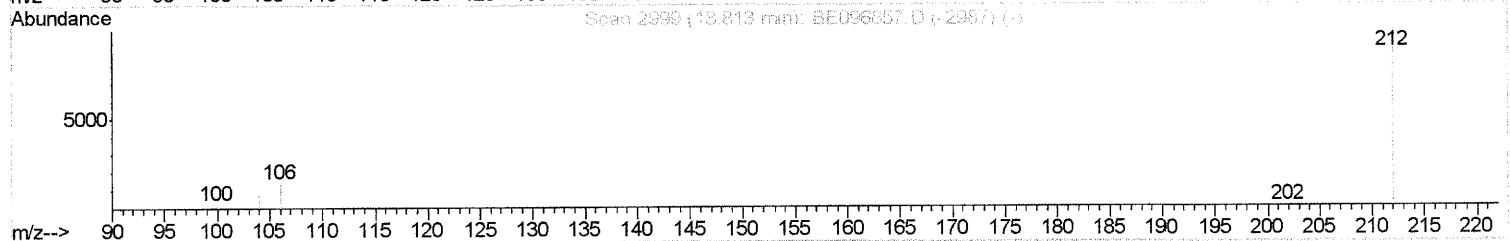
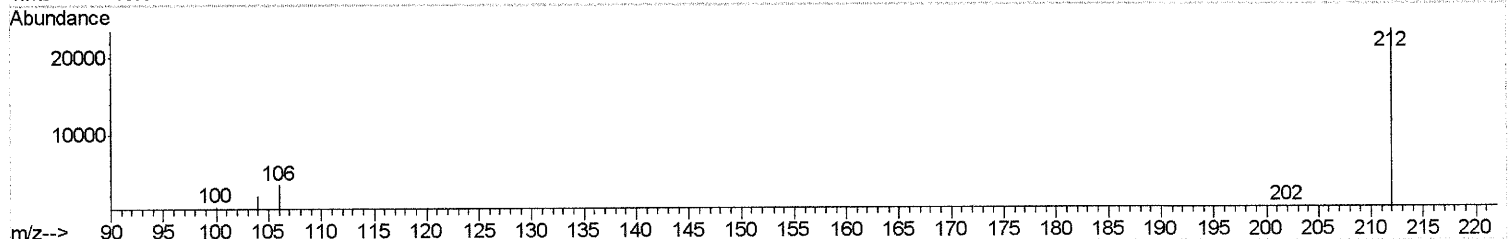
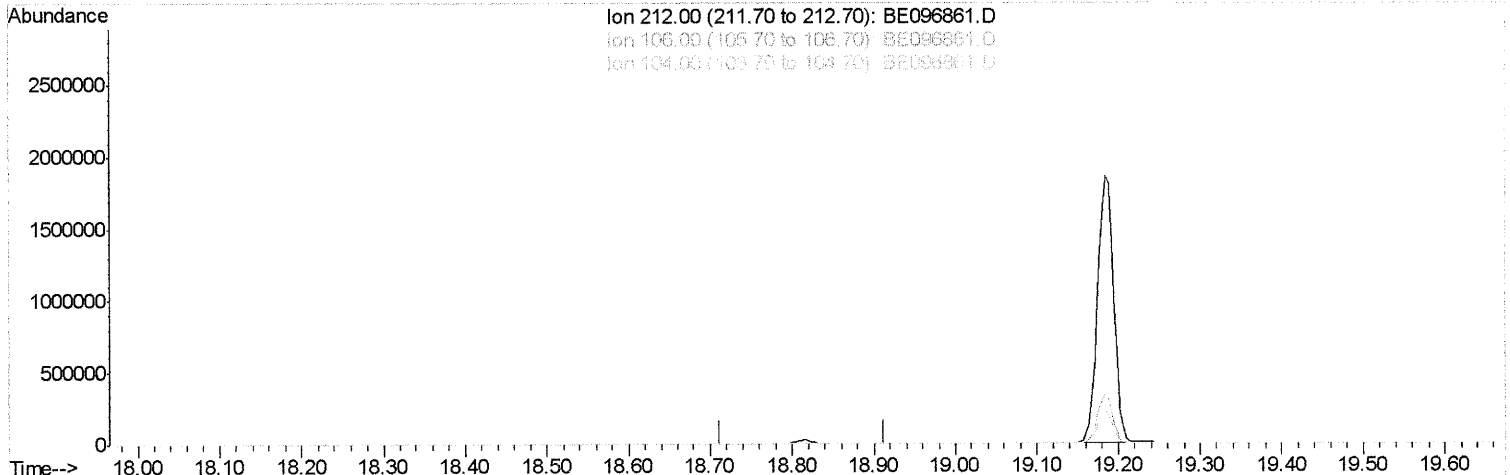
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Manual Integrations
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TIC: BE096861.D

(14) Fluoranthene-d10 (SURR)

18.813min (-18.813) 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)

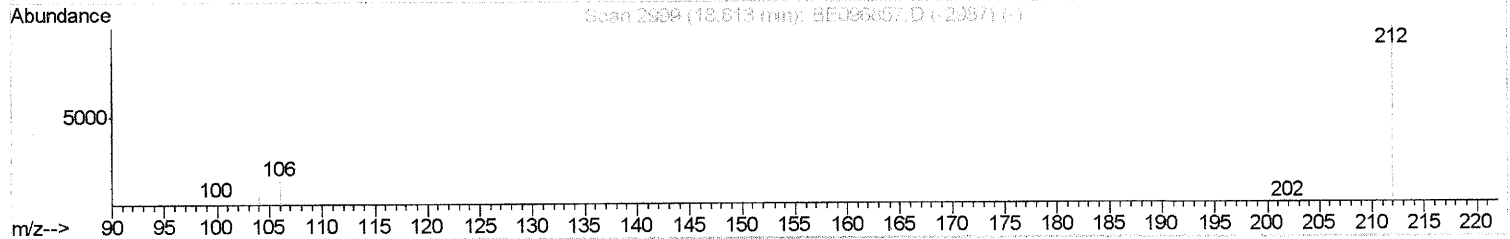
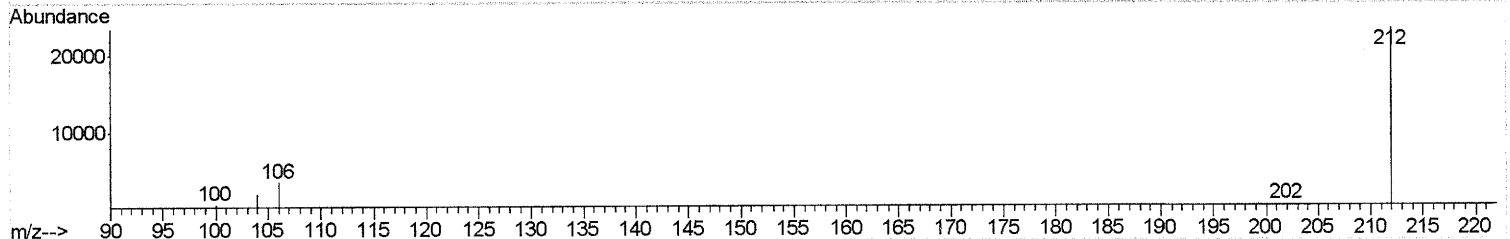
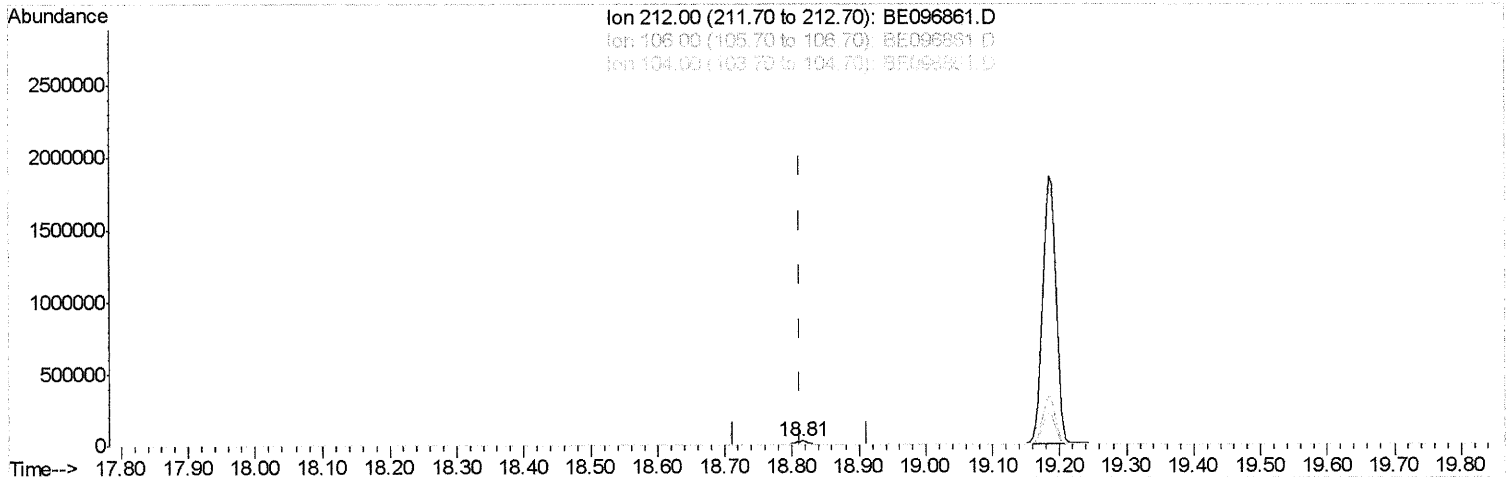
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 Misc :
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Instrument :
 BNA_E
 ClientSampleId :
 F1H15

Manual Integrations
 APPROVED

Sohil
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TIC: BE096861.D

(14) Fluoranthene-d10 (SURR)

18.813min (+0.000) 0.40ng/ul m

SJ 7/11/18

response 32212

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)

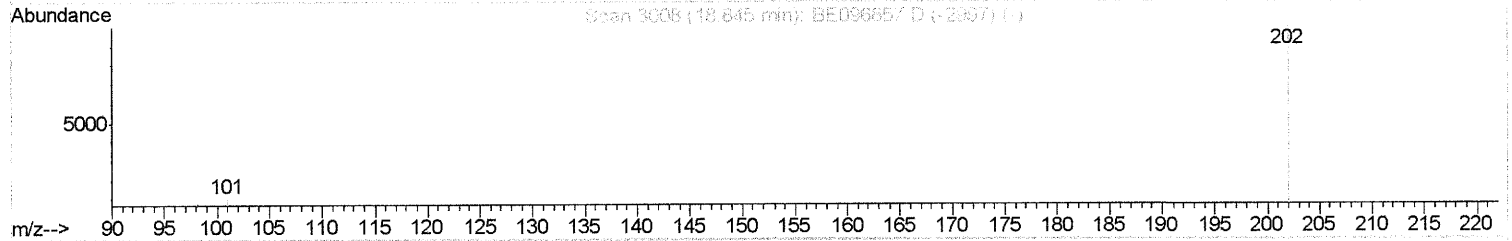
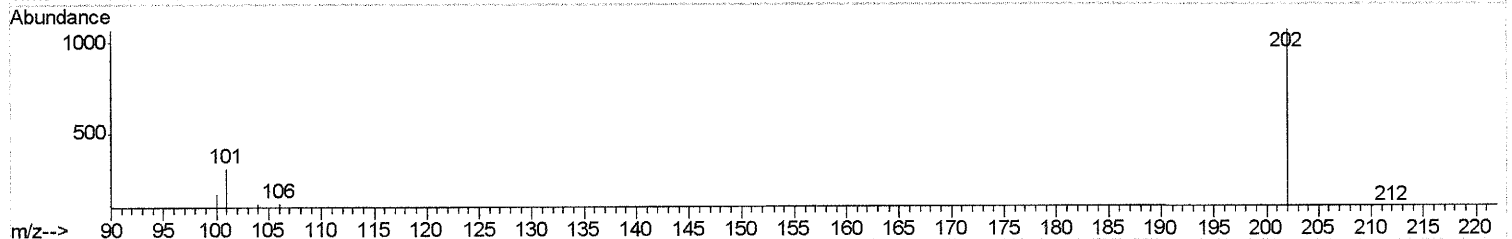
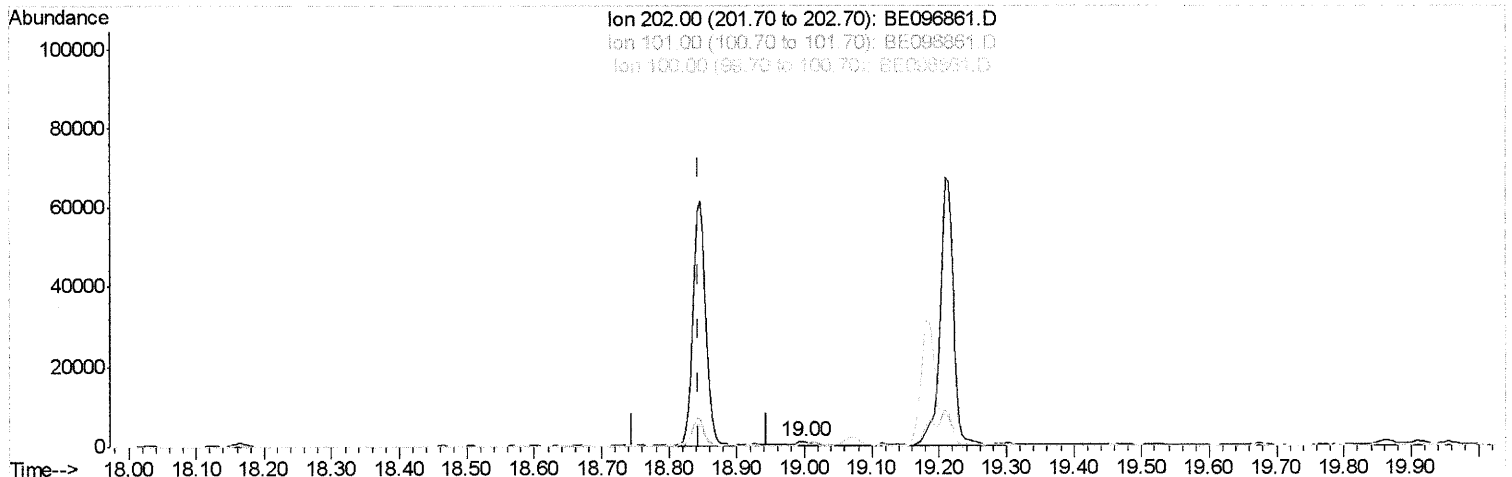
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE070618\
 Data File : BE096861.D
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 Operator : SJ/JU
 Sample : J3721-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F1H15

Manual Integrations
 APPROVED

Sohil
 7/9/2018 4:14:28 PM

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TIC: BE096861.D

(15) Fluoranthene (C)

18.999min (+0.154) 0.01ng/ul

response 1066

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	28.52
100.00	19.50	15.48
0.00	0.00	0.00

Quantitation Report (Qedit)

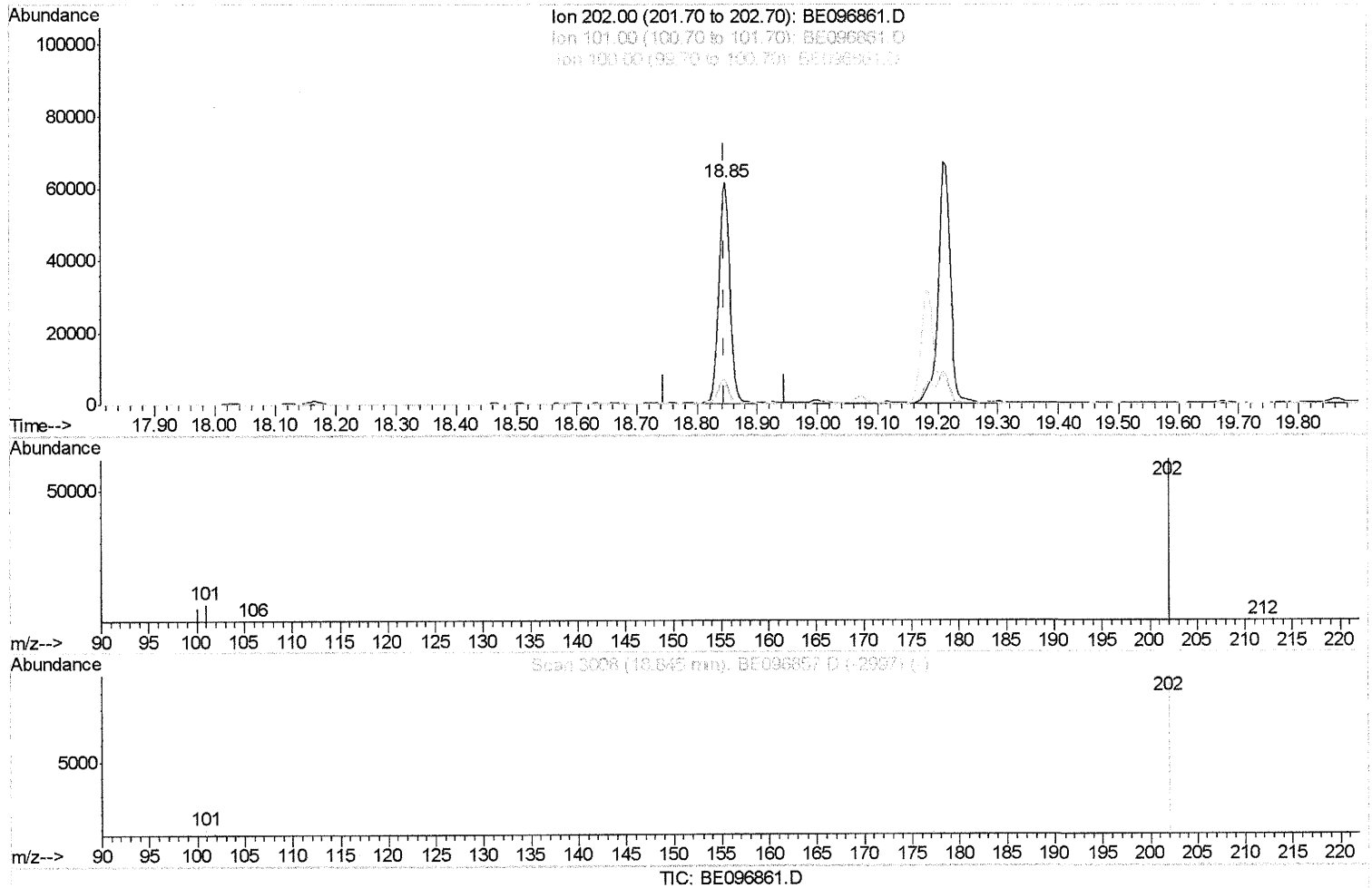
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Instrument :
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Manual Integrations
 APPROVED

Sohil
 7/9/2018 4:14:28 PM

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(15) Fluoranthene (C)

18.846min (+0.000) 0.90ng/ul m

response 80437

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	10.75
100.00	19.50	8.40
0.00	0.00	0.00

Quantitation Report (Qedit)

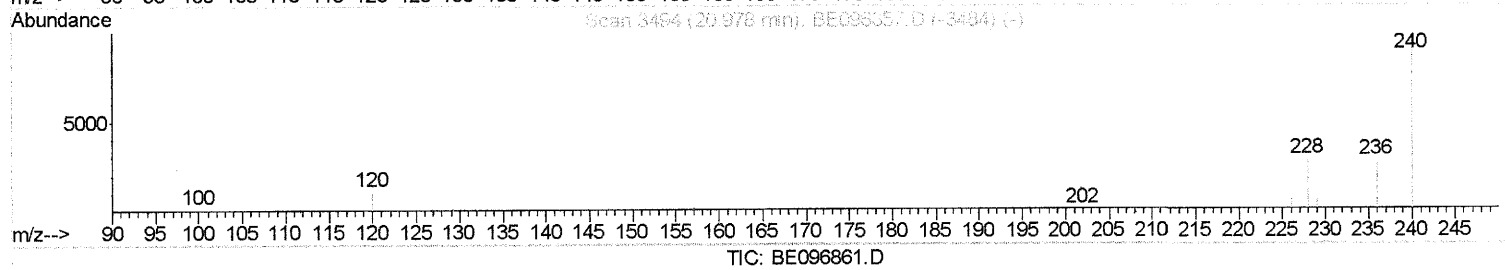
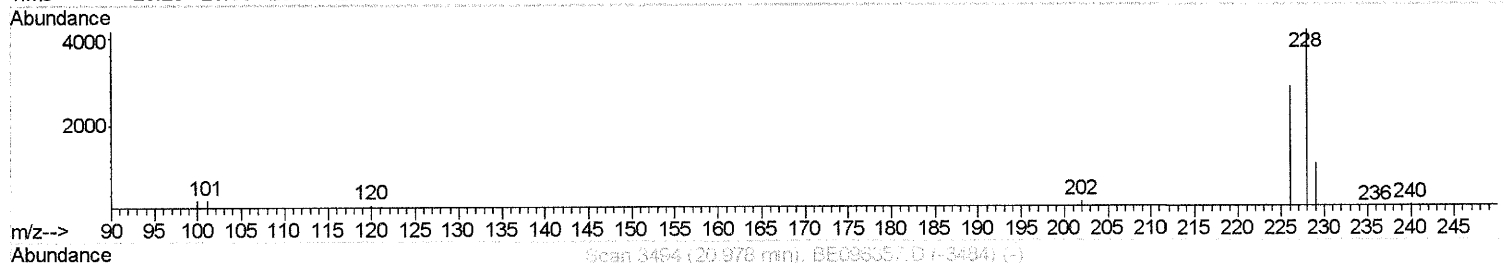
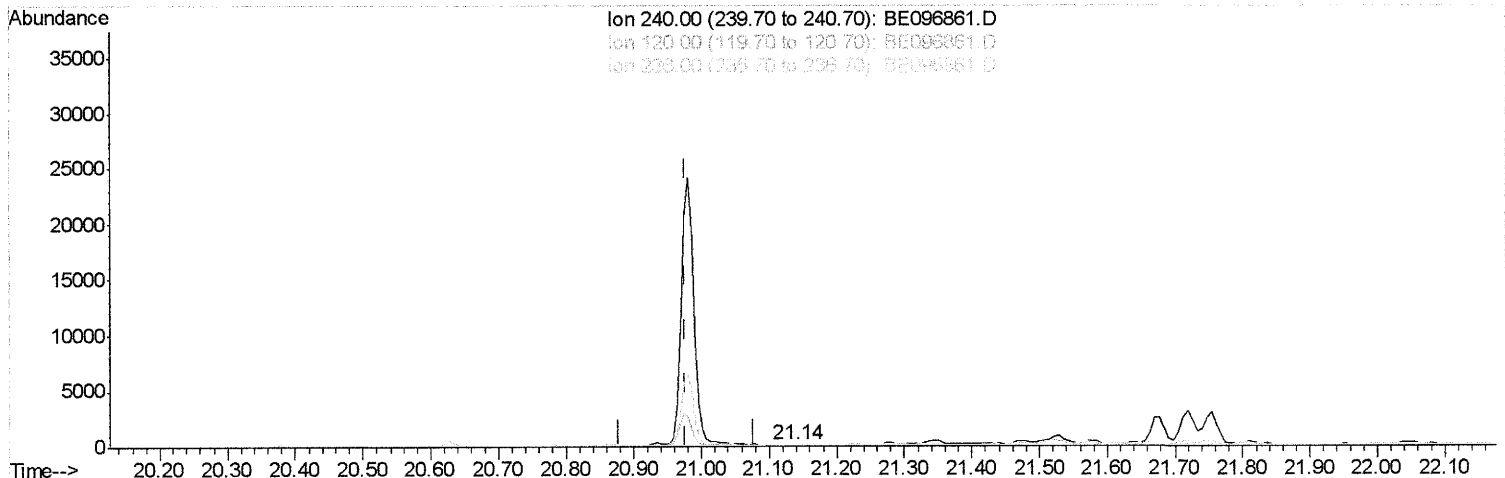
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Manual Integrations
 APPROVED

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(16) Chrysene-d12 (I)

21.139min (+0.161) 0.40ng/ul

response 40

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	111.33#
236.00	34.90	74.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

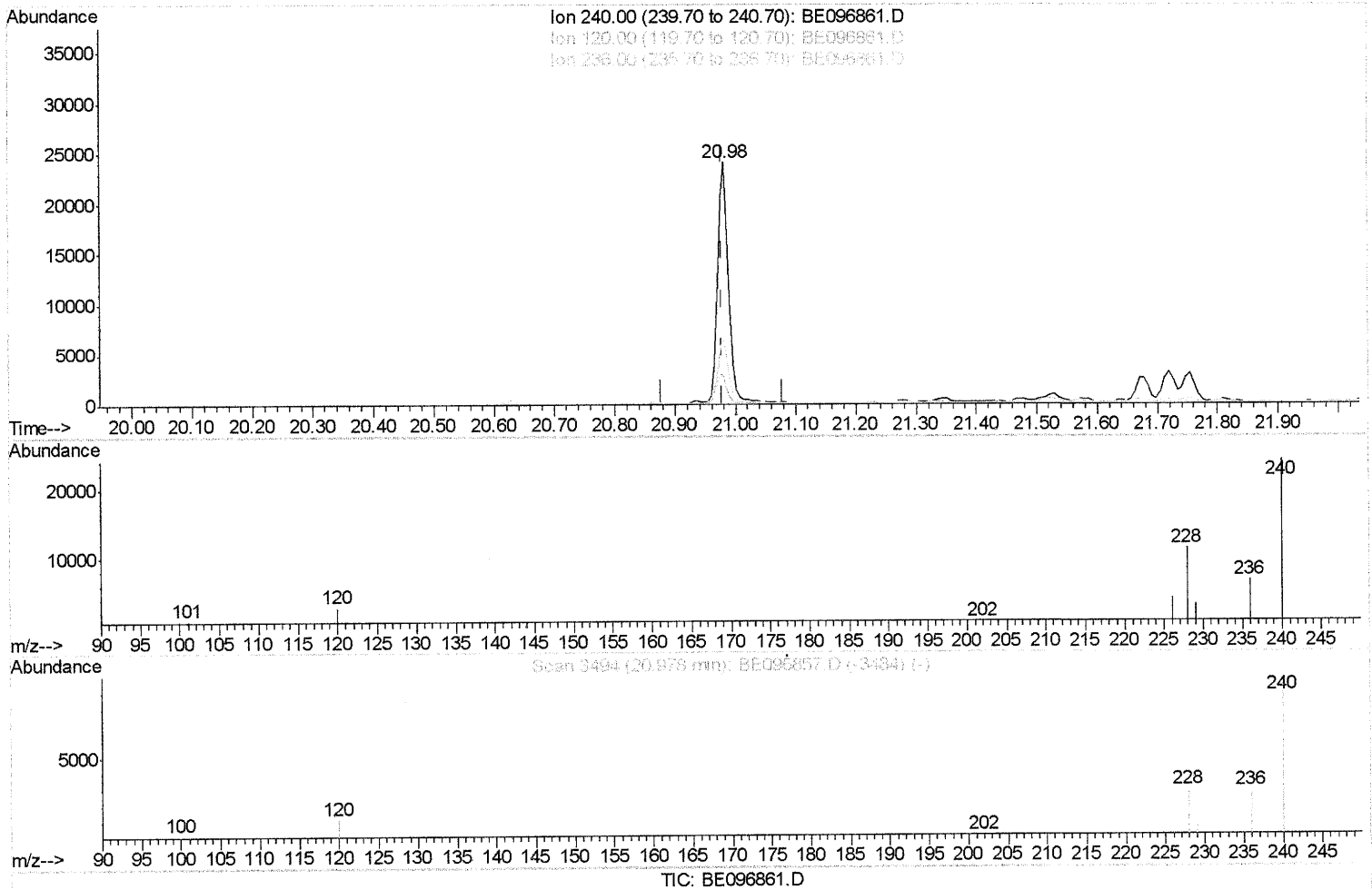
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(16) Chrysene-d12 (I)

20.980min (+0.002) 0.40ng/ul m

SJ 7/11/18

response 31124

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	11.45#
236.00	34.90	26.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

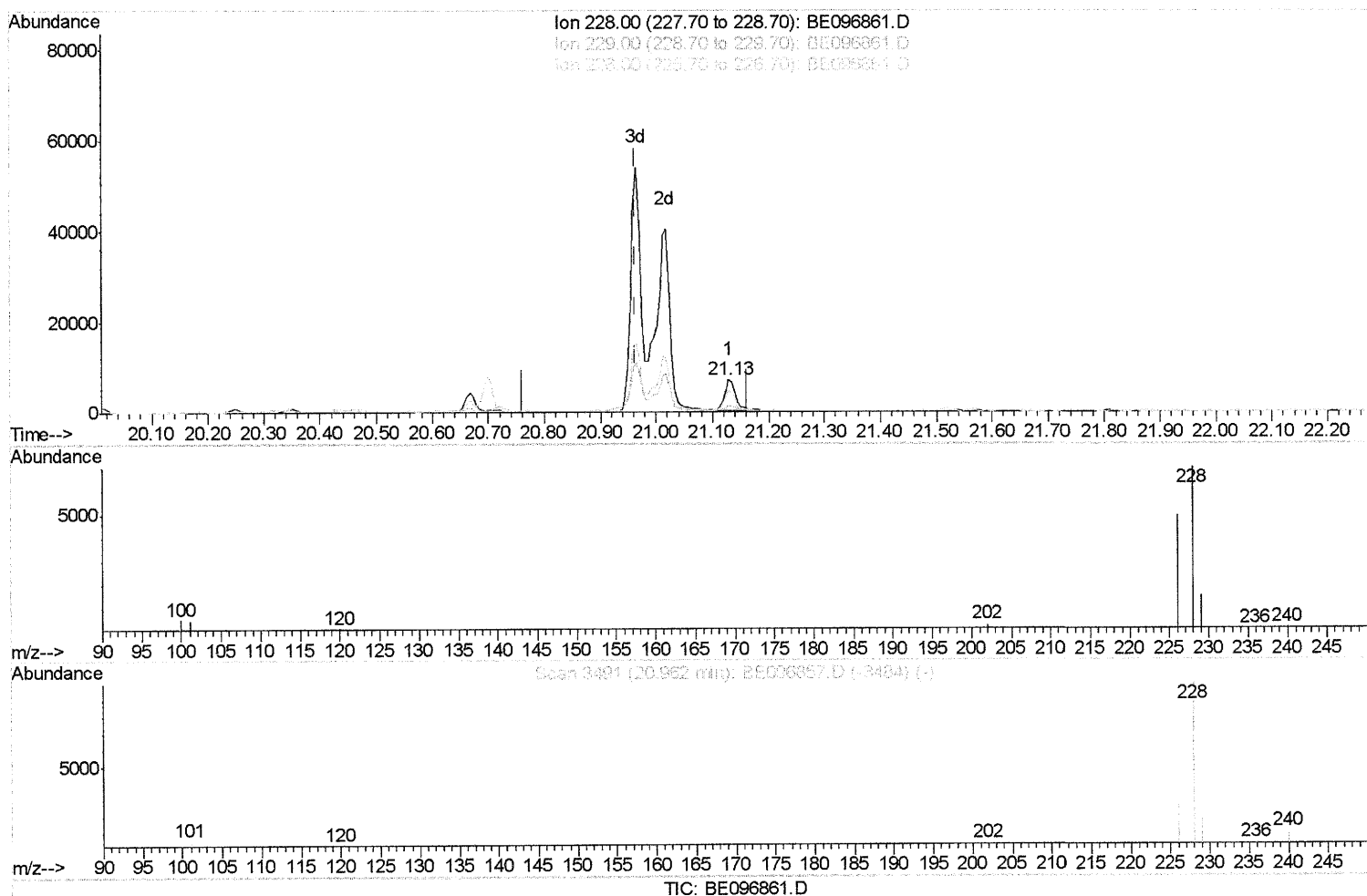
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(18) Benzo(a)anthracene
 21.128min (+0.166) 0.14ng/ul
 response 10049

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	20.76#
226.00	21.30	70.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

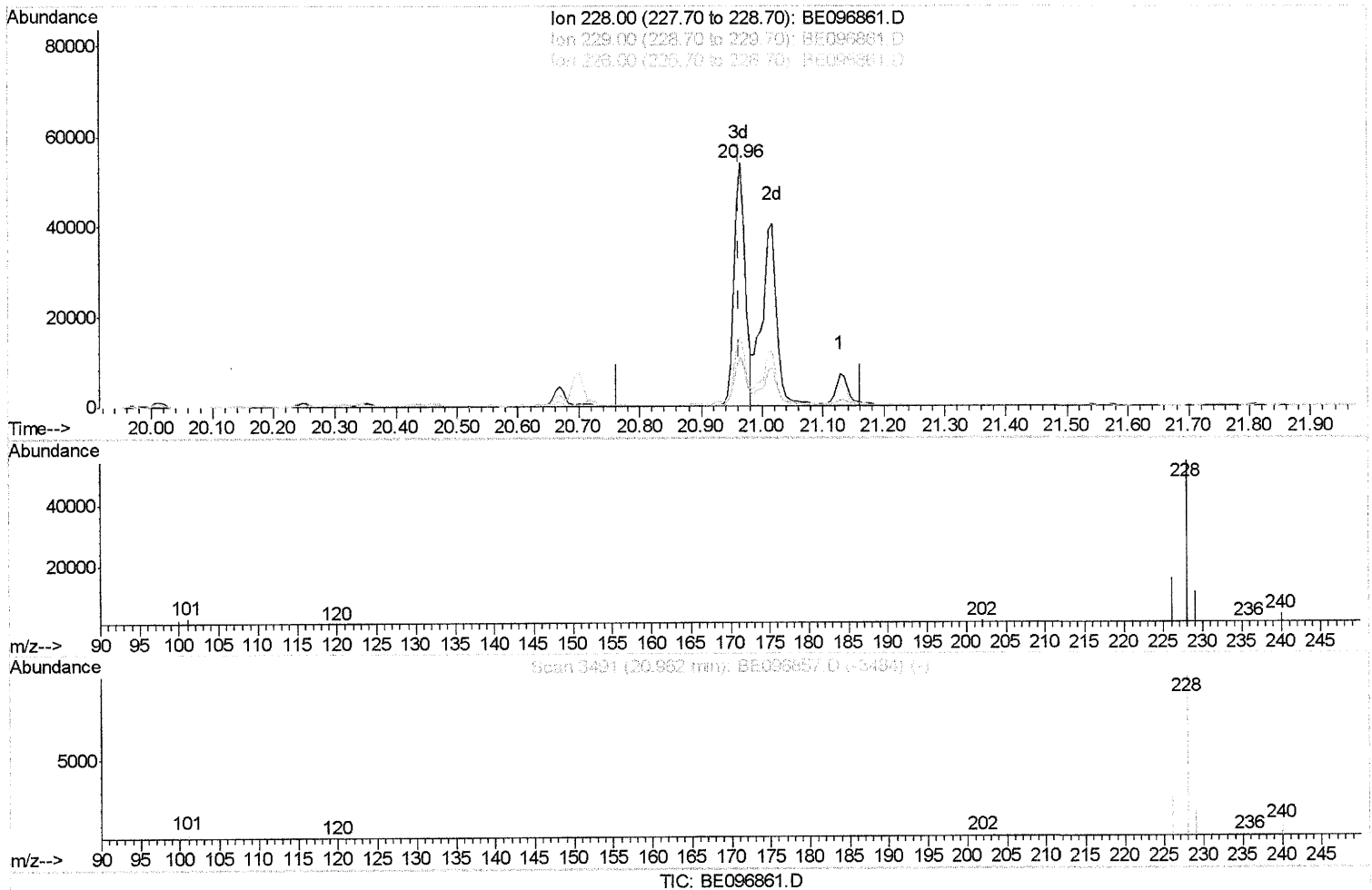
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(18) Benzo(a)anthracene
 20.964min (+0.002) 0.91ng/ul m
 response 66475

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	20.43#
226.00	21.30	28.64#
0.00	0.00	0.00

SJ 7/10/18

Quantitation Report (Qedit)

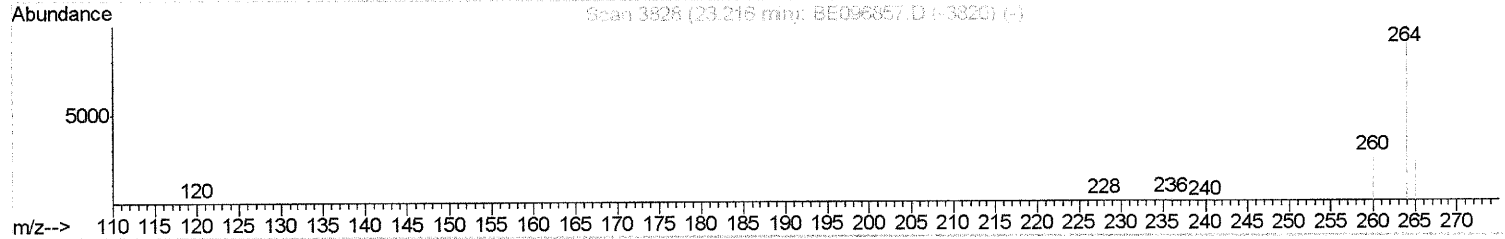
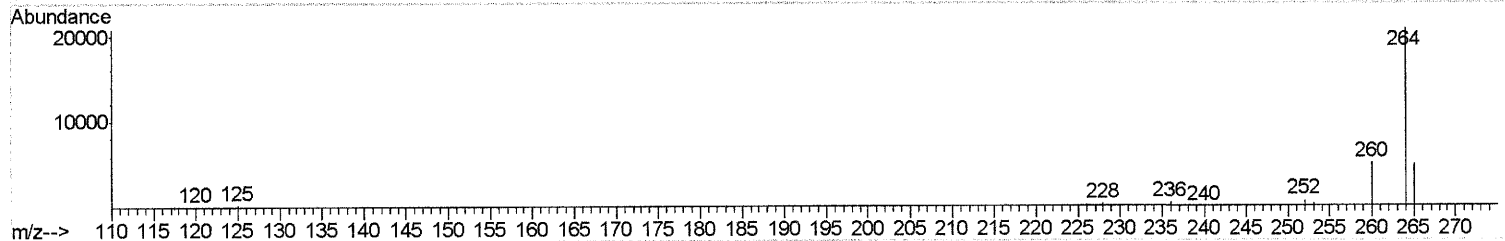
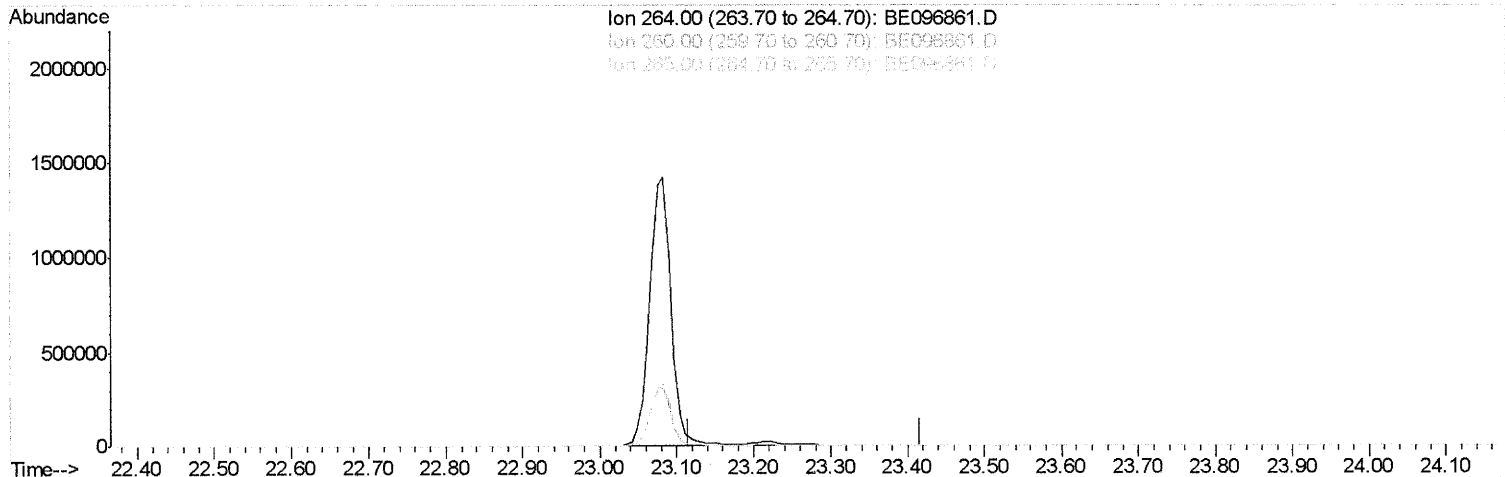
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 7/9/2018 4:14:28 PM

Quant Time: Jul 09 13:00:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 07 07:26:18 2018
 Response via : Initial Calibration



TIC: BE096861.D

(20) Perylene-d12 (I)
 23.216min (-23.216) 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)

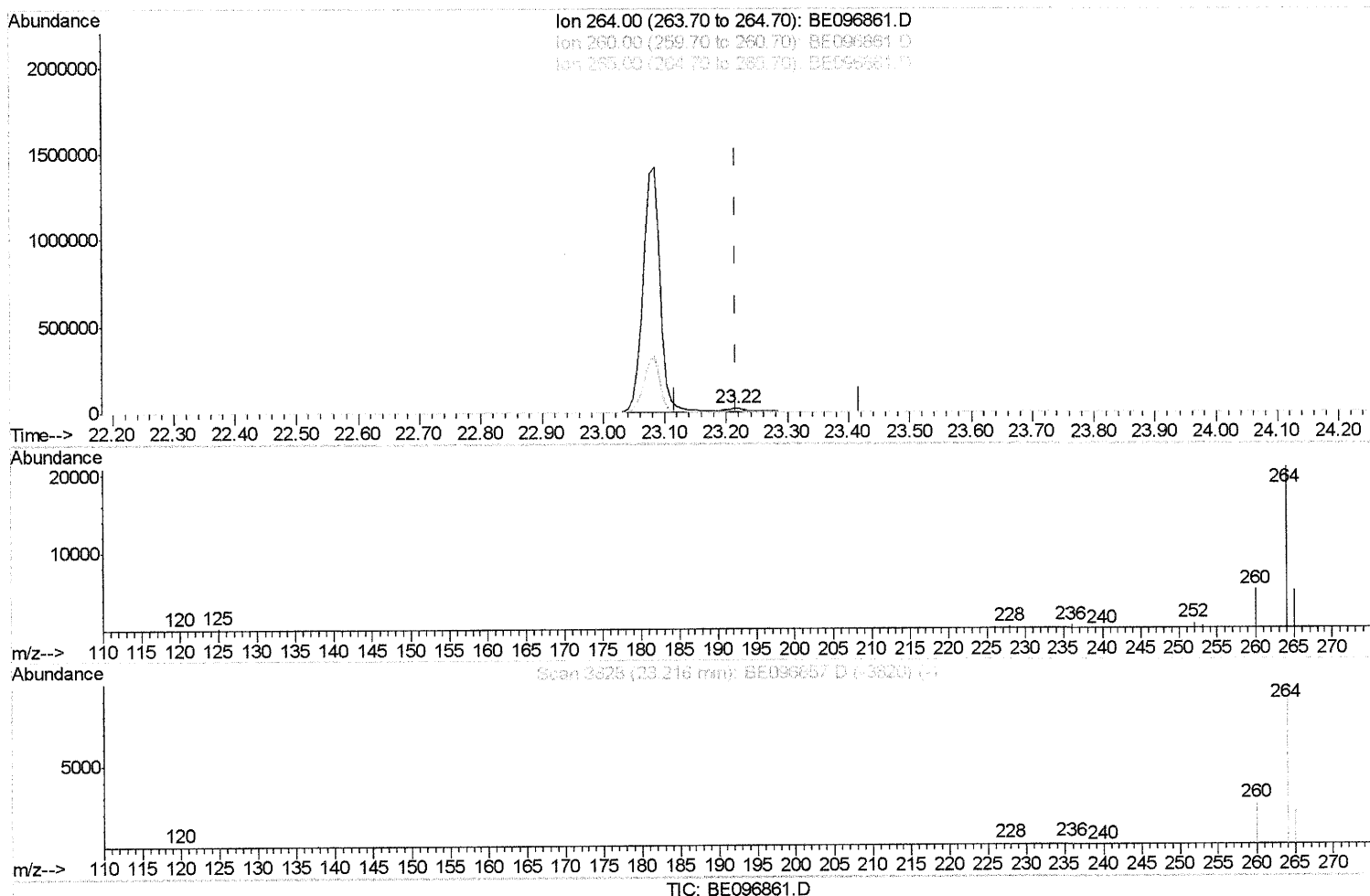
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE070618\
 Data File : BE096861.D
 Acq On : 6 Jul 2018 19:58
 Operator : SJ/JU
 Sample : J3721-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1H15

Manual Integrations
 APPROVED

Sohil
 7/9/2018 4:14:28 PM

Quant Time: Jul 09 13:00:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 07 07:26:18 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.216min (+0.000) 0.40ng/ul m

SJ 7/11/18

response 26012

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.18
265.00	103.50	23.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

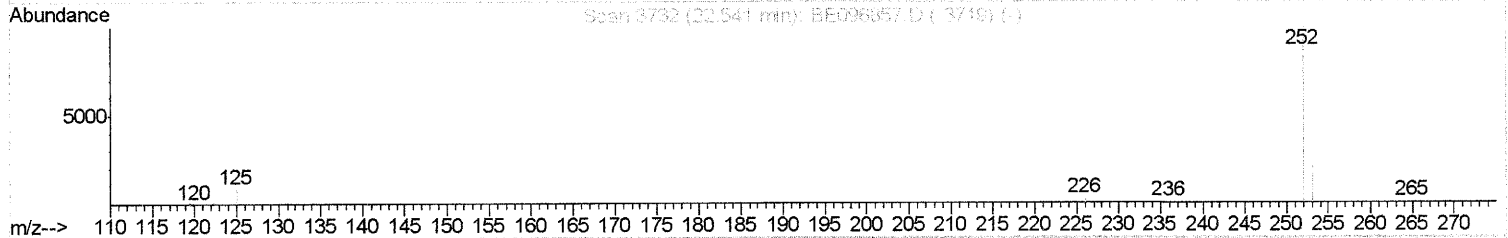
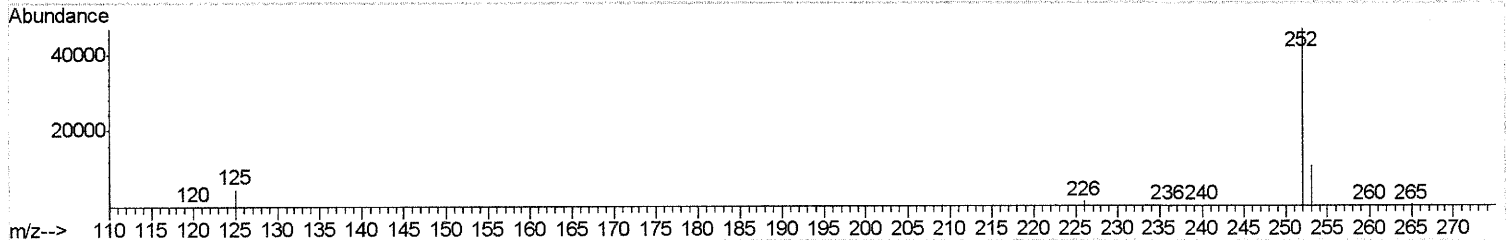
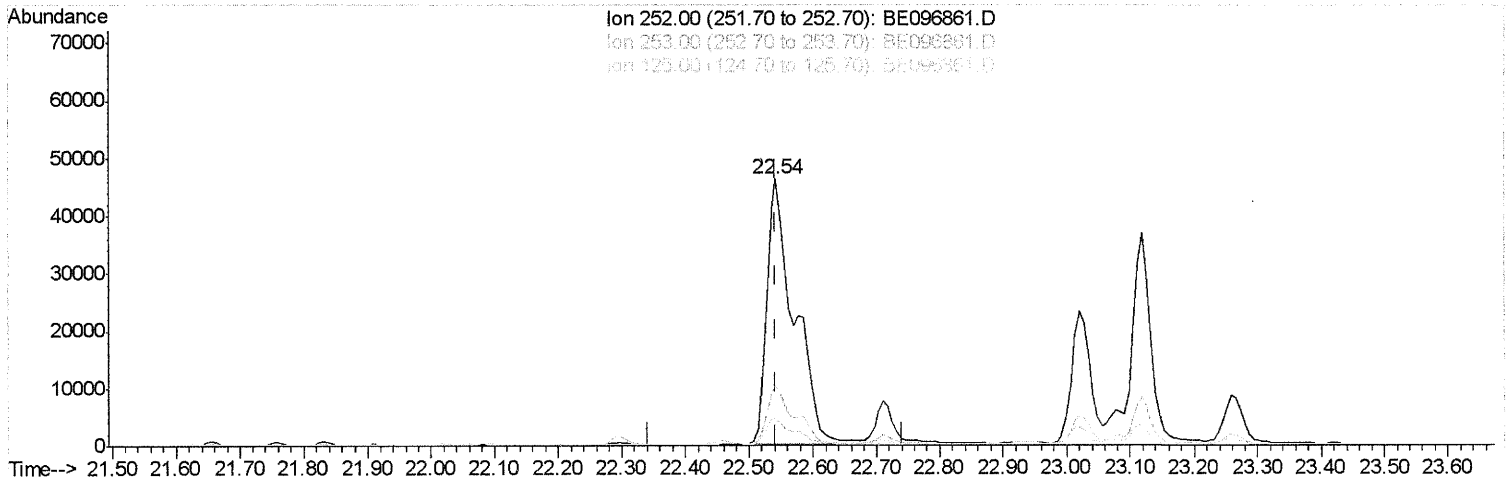
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE070618\
 Data File : BE096861.D
 Acq On : 6 Jul 2018 19:58
 Operator : SJ/JU
 Sample : J3721-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1H15

Manual Integrations
 APPROVED

Sohil
 7/9/2018 4:14:28 PM

Quant Time: Jul 09 13:01:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 07 07:26:18 2018
 Response via : Initial Calibration



TIC: BE096861.D

(21) Benzo(b)fluoranthene
 22.541min (+0.000) 1.95ng/ul
 response 138654

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.53
125.00	17.50	10.00
0.00	0.00	0.00

Quantitation Report (Qedit)

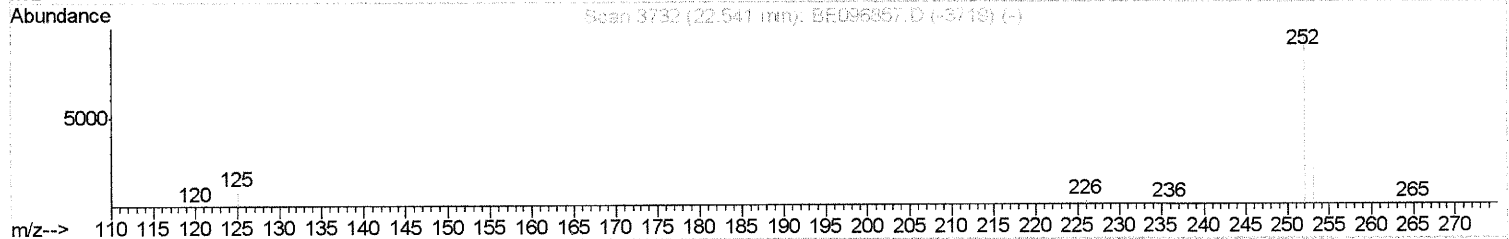
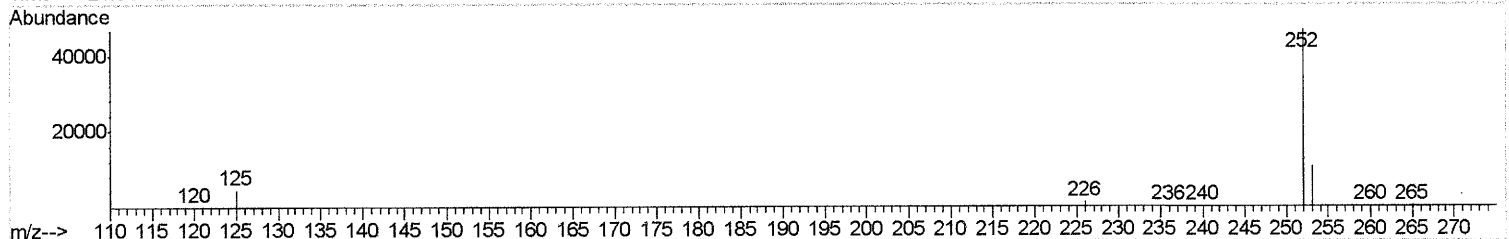
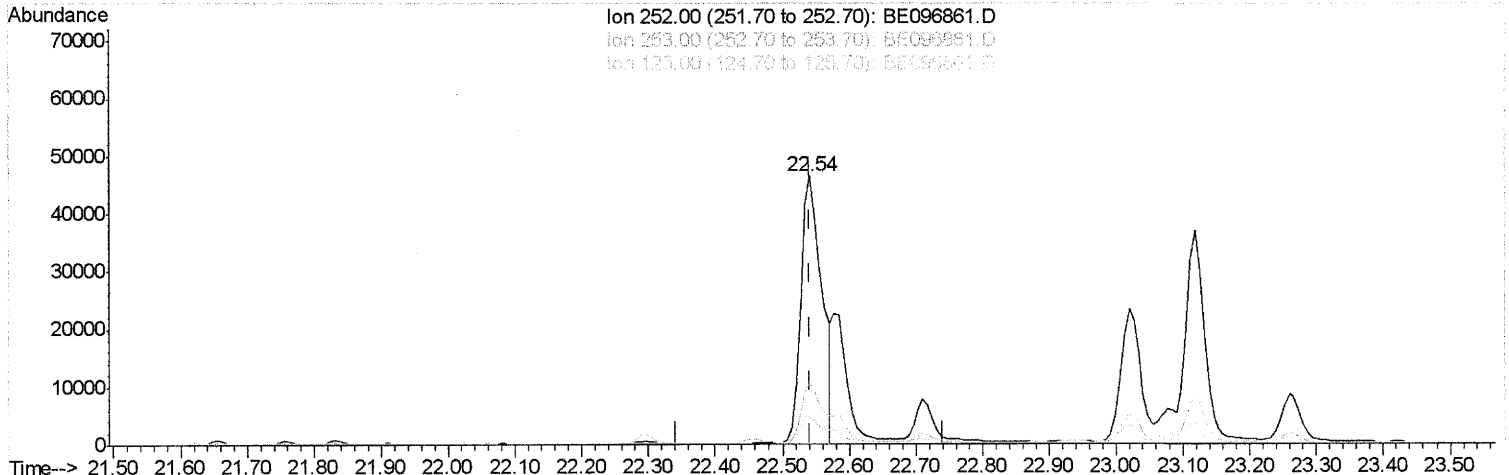
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE070618\
 Data File : BE096861.D
 Acq On : 6 Jul 2018 19:58
 Operator : SJ/JU
 Sample : J3721-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F1H15

Manual Integrations
 APPROVED

Sohil
 7/9/2018 4:14:28 PM

Quant Time: Jul 09 13:01:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 07 07:26:18 2018
 Response via : Initial Calibration



TIC: BE096861.D

(21) Benzo(b)fluoranthene

22.541min (+0.000) 1.44ng/ul m

SJ 7/11/18

response 102060

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.53
125.00	17.50	10.00
0.00	0.00	0.00

Quantitation Report (Qedit)

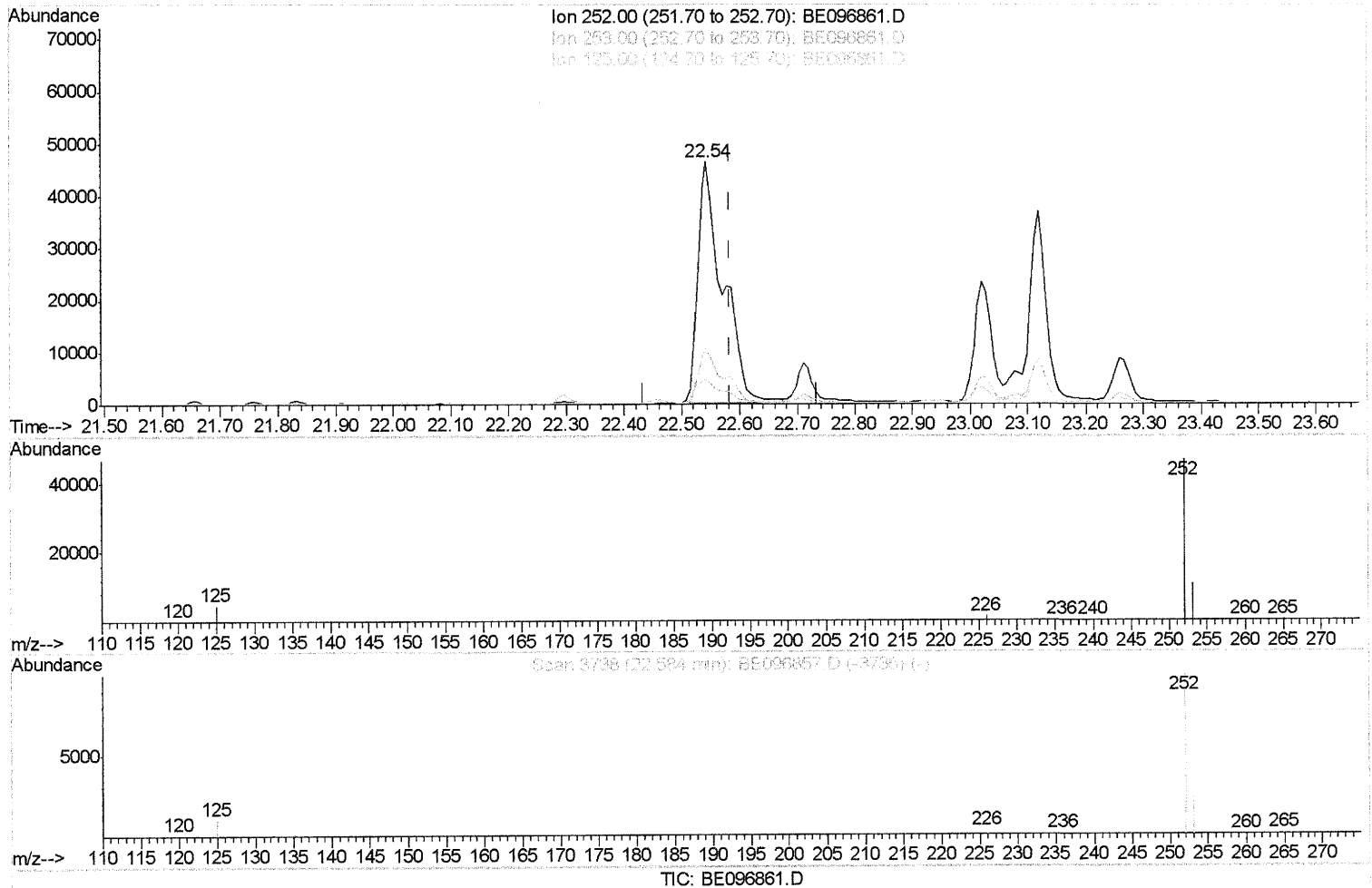
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE070618\
 Data File : BE096861.D
 Acq On : 6 Jul 2018 19:58
 Operator : SJ/JU
 Sample : J3721-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1H15

Manual Integrations
 APPROVED

Sohil
 7/9/2018 4:14:28 PM

Quant Time: Jul 09 13:01:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 07 07:26:18 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 22.541min (-0.042) 1.79ng/ul
 response 138654

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.53#
125.00	17.10	10.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

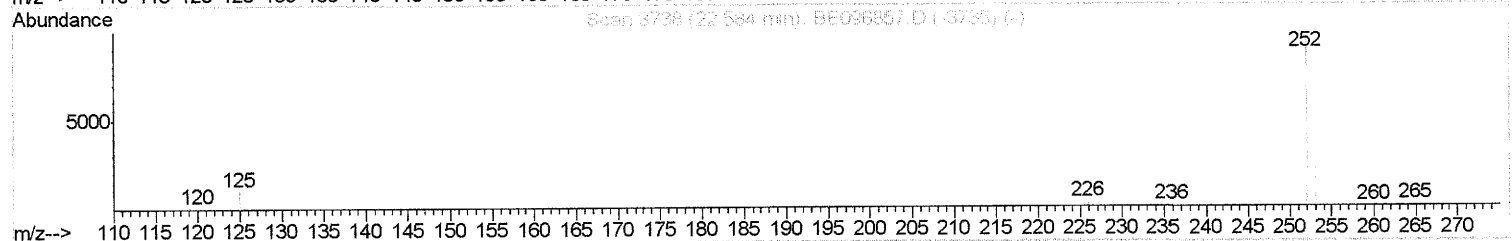
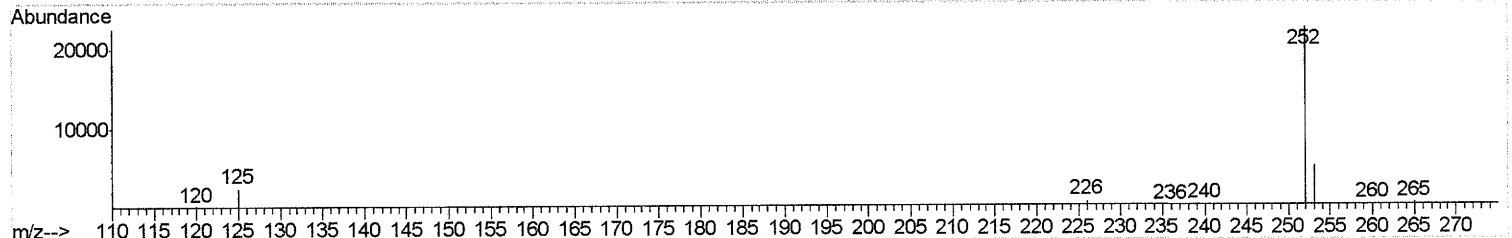
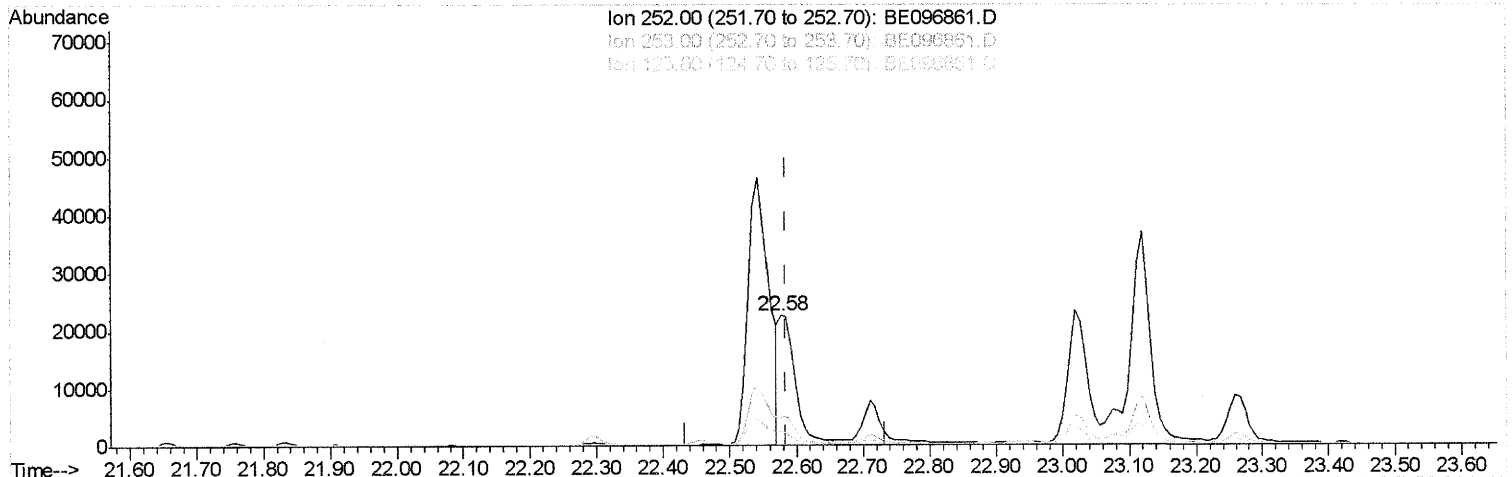
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE070618\
 Data File : BE096861.D
 Acq On : 6 Jul 2018 19:58
 Operator : SJ/JU
 Sample : J3721-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1H15

Manual Integrations
 APPROVED

Sohil
 7/9/2018 4:14:28 PM

Quant Time: Jul 09 13:01:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 07 07:26:18 2018
 Response via : Initial Calibration



TIC: BE096861.D

(22) Benzo(k)fluoranthene

22.577min (-0.007) 0.48ng/ul m

SJ 7/11/18

response 37500

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.50#
125.00	17.10	10.81#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
ClientSampleId :
F1H15

Manual Integrations
APPROVED

Sohil
7/9/2018 4:14:28 PM

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE070618\
Data File : BE096861.D
Acq On : 6 Jul 2018 19:58
Operator : SJ/JU
Sample : J3721-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 09 13:02:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 07 07:26:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3767	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	19577	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	12617	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	32385m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	31124m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	26012m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.74	152	11218	0.35	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	32212m	0.40	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	13.74	152	4636	0.090	ng/ul	99
9) Fluorene	15.08	166	919	0.021	ng/ul	90
12) Phenanthrene	16.82	178	9748m	0.117	ng/ul	
13) Anthracene	16.91	178	8267m	0.117	ng/ul	
15) Fluoranthene	18.85	202	80437m	0.904	ng/ul	
17) Pyrene	19.21	202	93286	0.913	ng/ul#	82
18) Benzo(a)anthracene	20.96	228	66475m	0.906	ng/ul	
19) Chrysene	21.02	228	64139	0.674	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	102060m	1.438	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	37500m	0.484	ng/ul	
23) Benzo(a)pyrene	23.12	252	76658	1.277	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.50	276	29106	0.467	ng/ul#	74
25) Dibenzo(a,h)anthracene	25.51	278	6850	0.138	ng/ul	93
26) Benzo(g,h,i)perylene	26.20	276	24423	0.404	ng/ul#	93

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