

Quantitation Report (QT Reviewed)

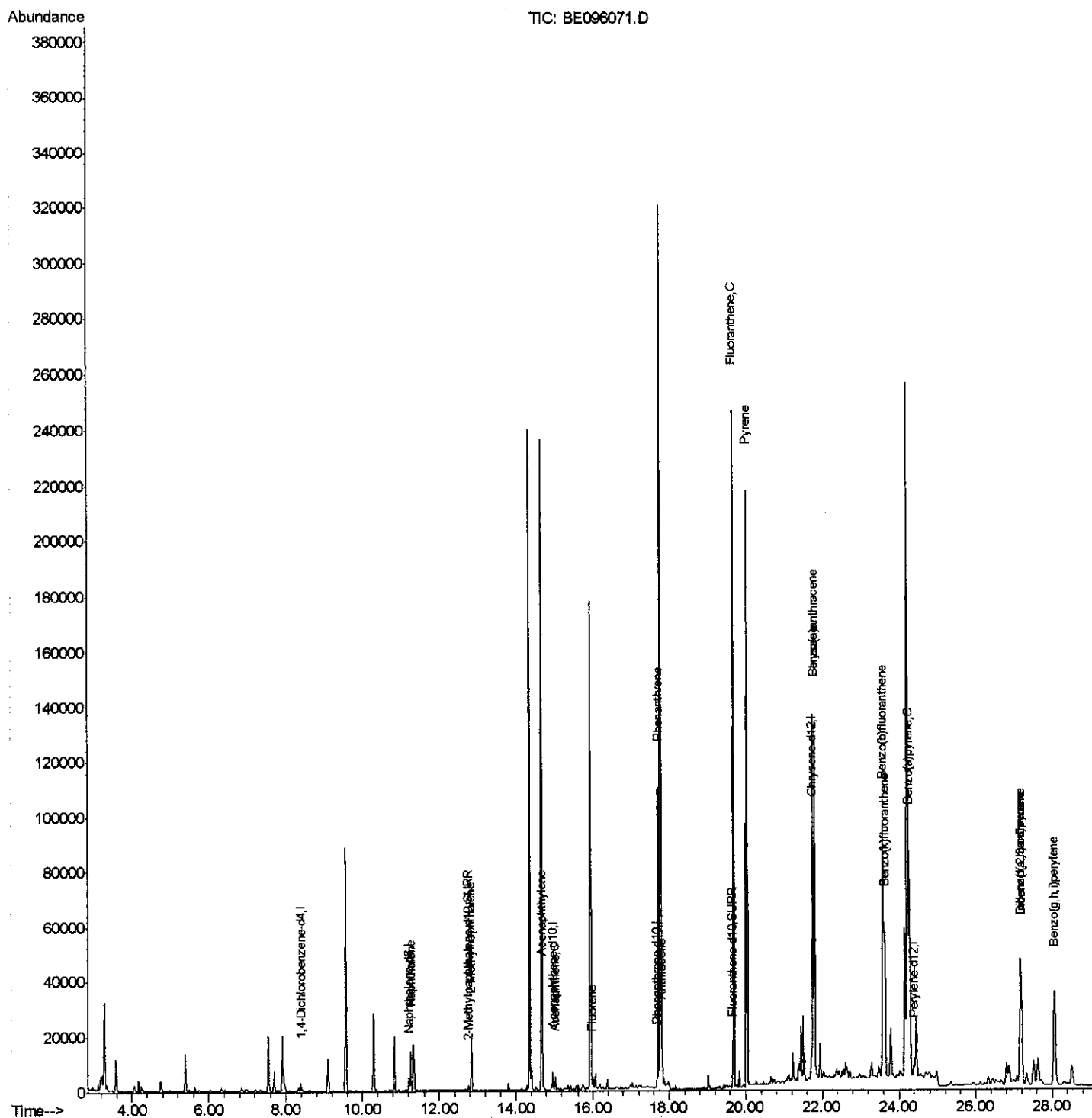
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042018\
 Data File : BE096071.D
 Acq On : 21 Apr 2018 9:33
 Operator : SJ/JU
 Sample : J2434-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC2

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:33 PM

Quant Time: Apr 23 18:08:21 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)

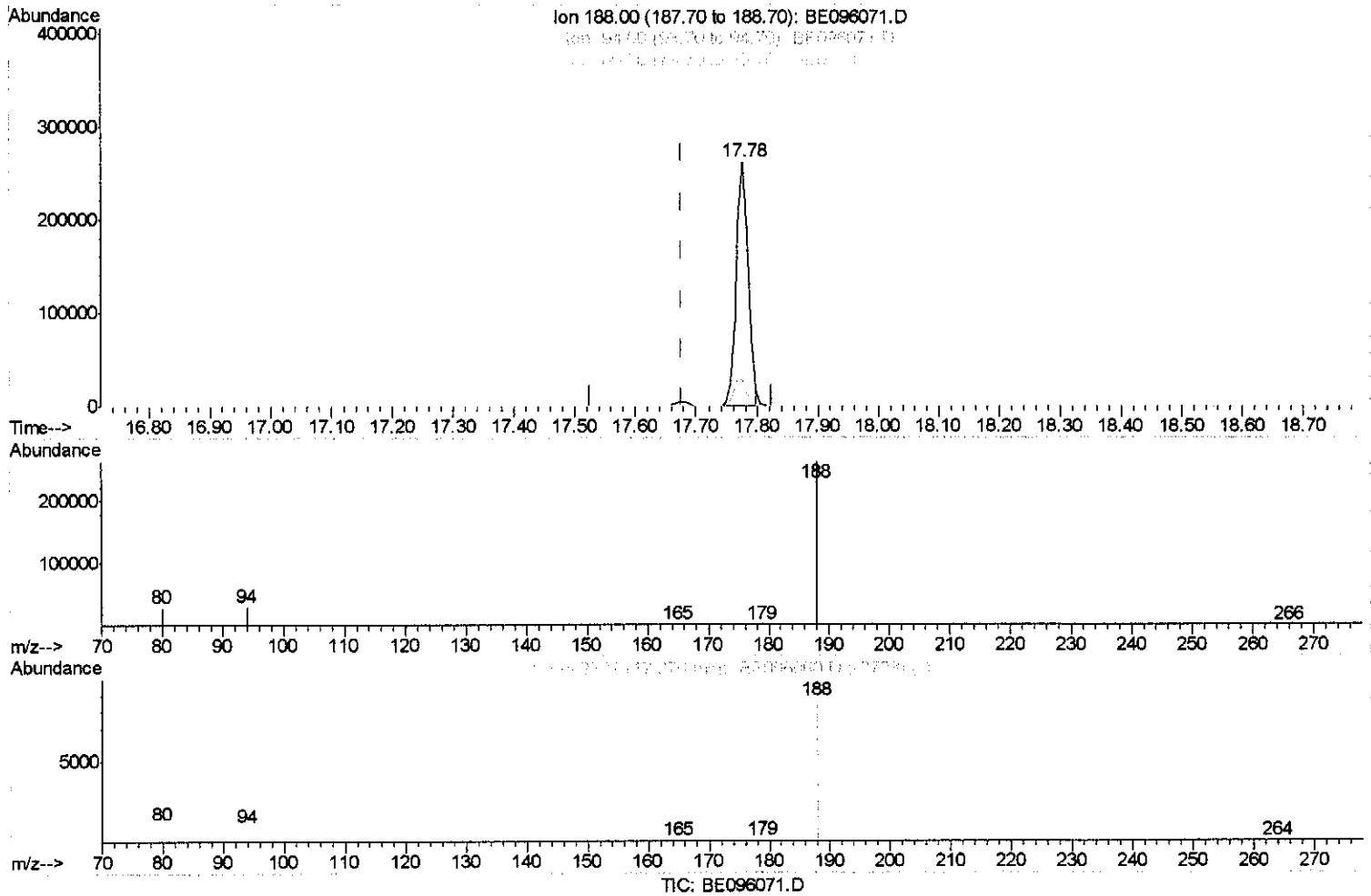
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042018\
 Data File : BE096071.D
 Acq On : 21 Apr 2018 9:33
 Operator : SJ/JU
 Sample : J2434-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC2

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:33 PM

Quant Time: Apr 23 18:03:04 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
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(10) Phenanthrene-d10 (I)

17.776min (+0.100) 0.40ng/ul

response 363698

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.09
80.00	11.80	10.51
0.00	0.00	0.00

Quantitation Report (Qedit)

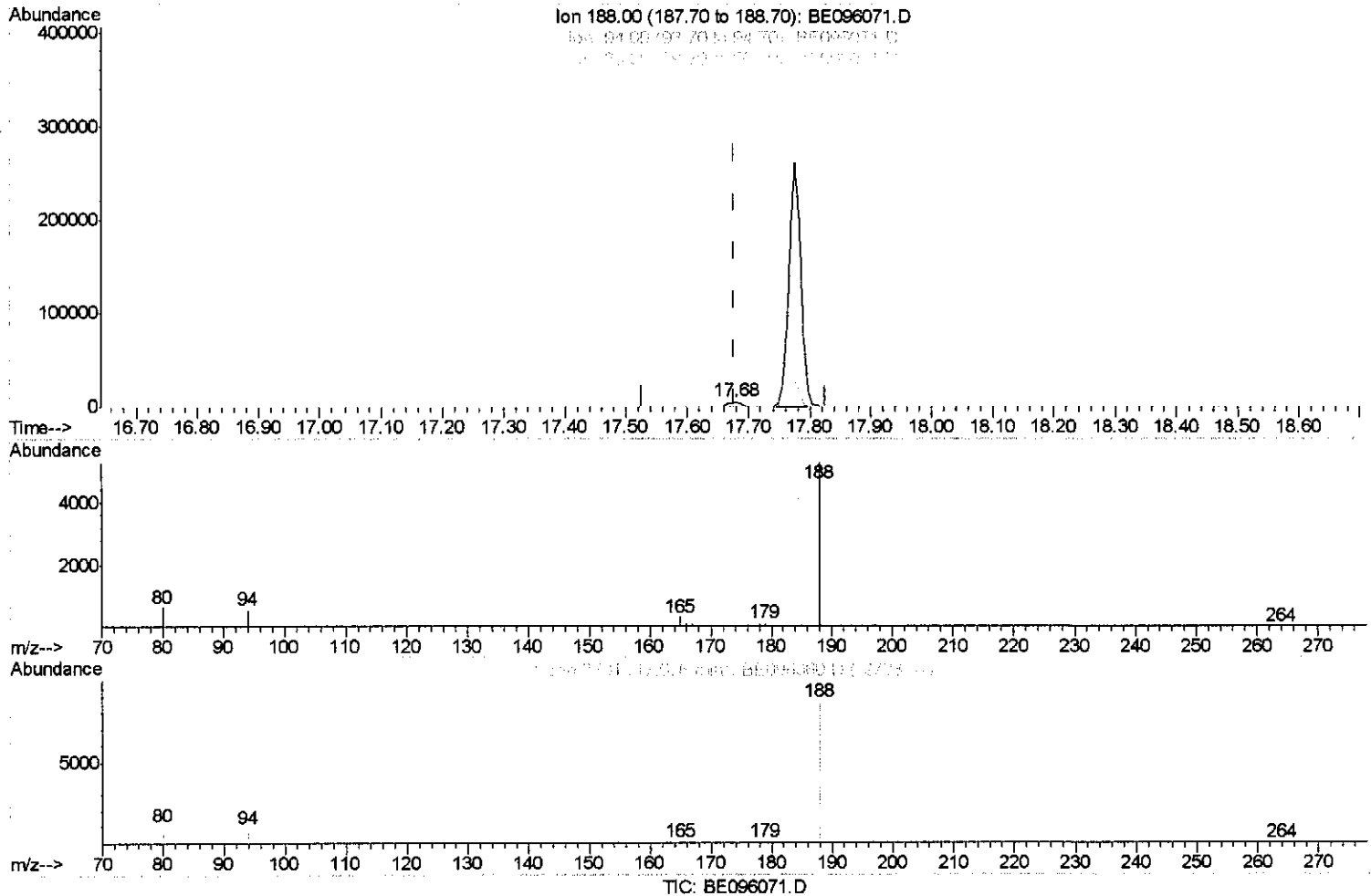
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042018\
 Data File : BE096071.D
 Acq On : 21 Apr 2018 9:33
 Operator : SJ/JU
 Sample : J2434-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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Sohil
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(10) Phenanthrene-d10 (I)

17.678min (+0.002) 0.40ng/ul m > SJ 4/24/18

response 7615

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.89
80.00	11.80	12.31
0.00	0.00	0.00

Quantitation Report (Qedit)

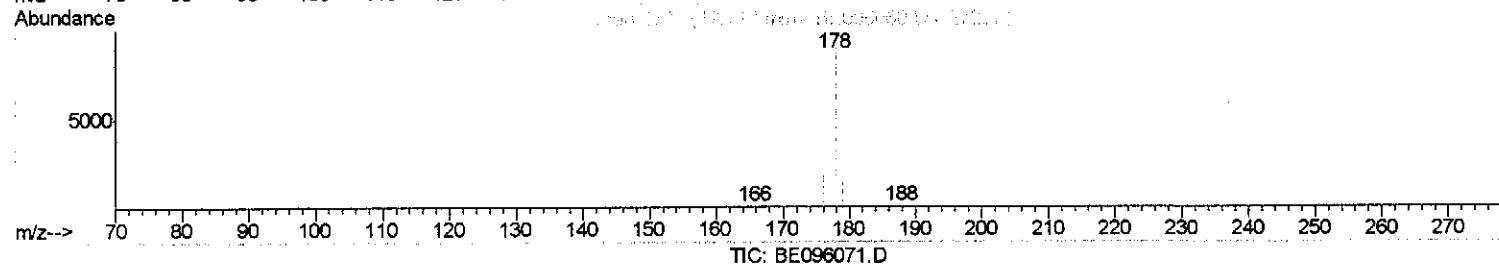
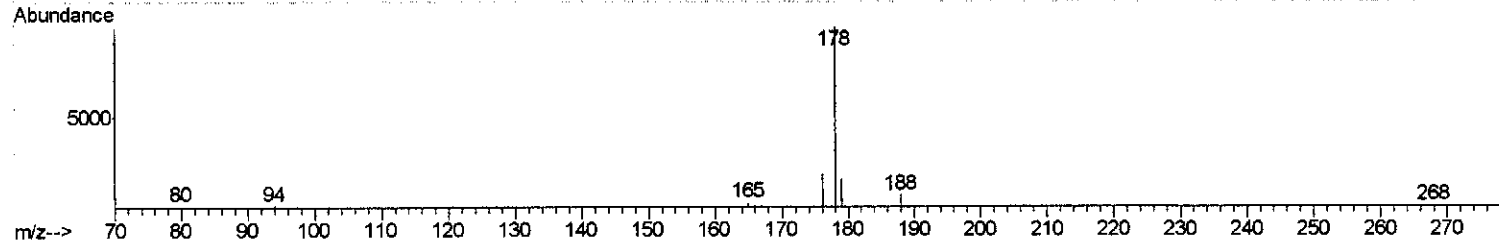
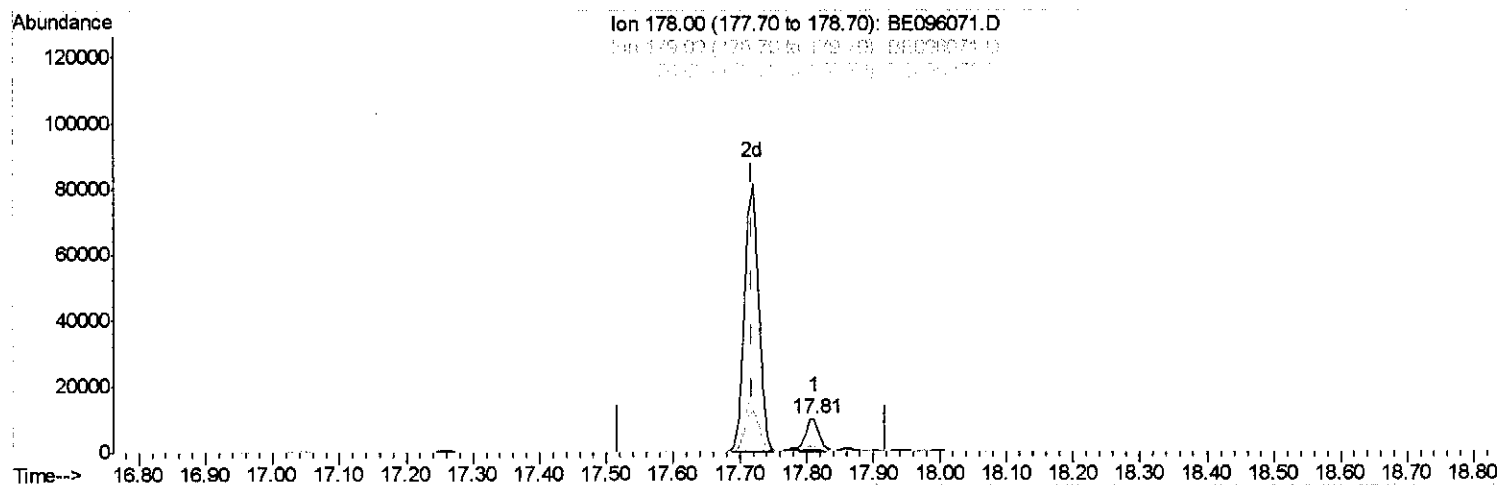
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042018\
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Operator : SJ/JU
Sample : J2434-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

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Sohil
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Quant Time: Apr 23 18:04:42 2018
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(12) Phenanthrene

17.811min (+0.093) 0.62ng/ul

response 13962

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	16.34#
176.00	17.00	18.95
0.00	0.00	0.00

Quantitation Report (Qedit)

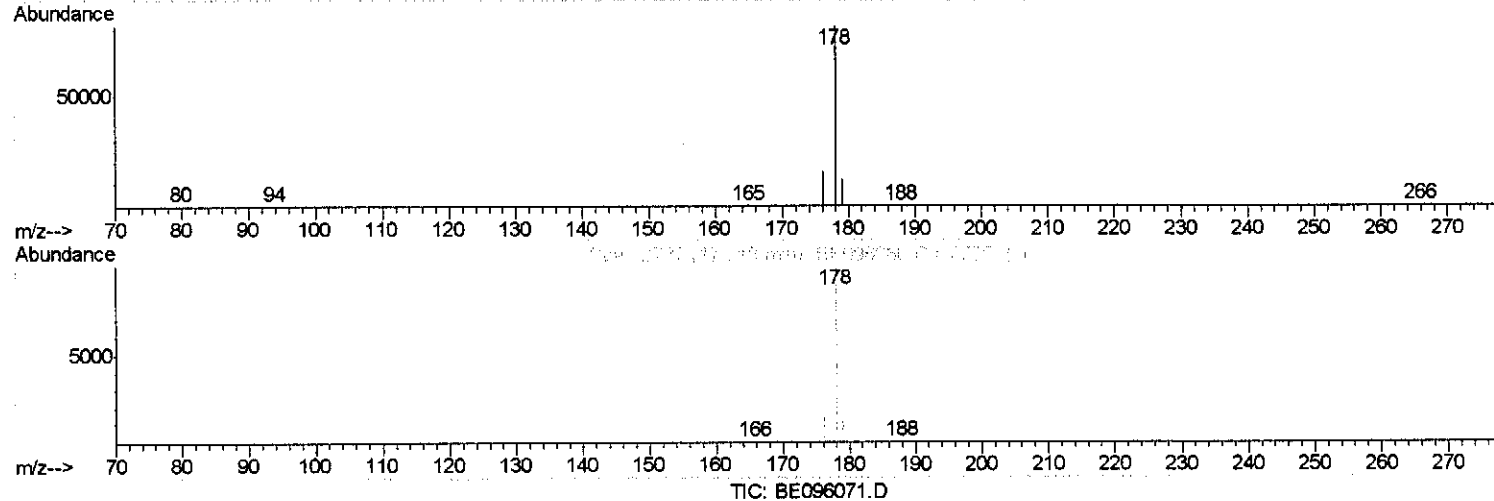
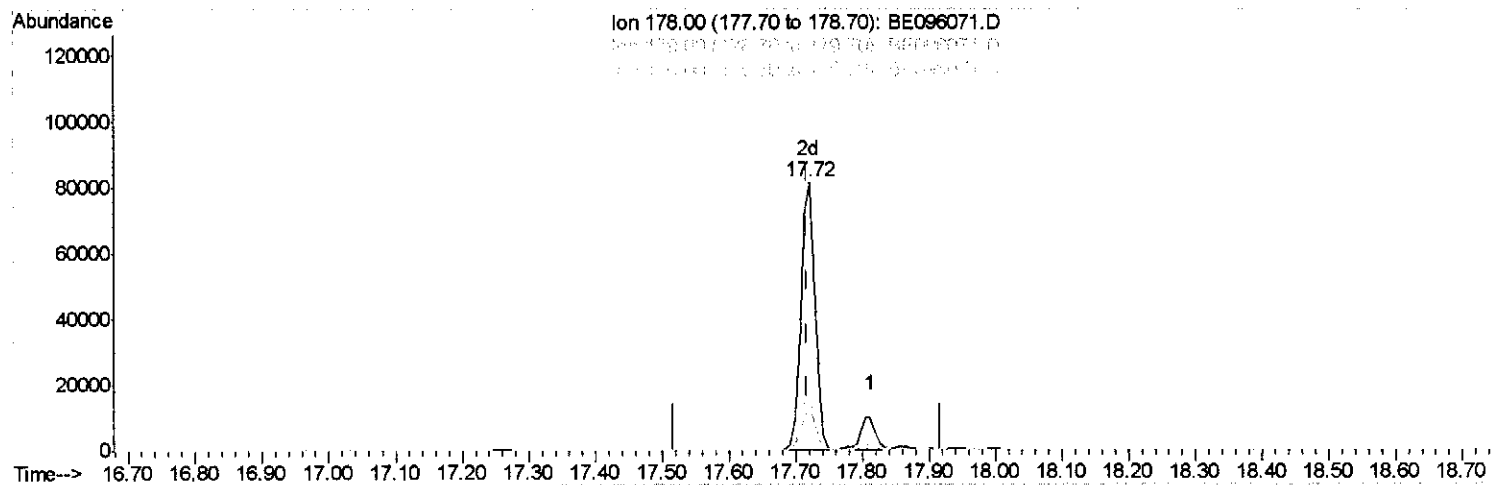
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(12) Phenanthrene

17.720min (+0.002) 5.17ng/ul m > SJ 4/24/18

response 116007

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	15.41#
176.00	17.00	19.33
0.00	0.00	0.00

Quantitation Report (Qedit)

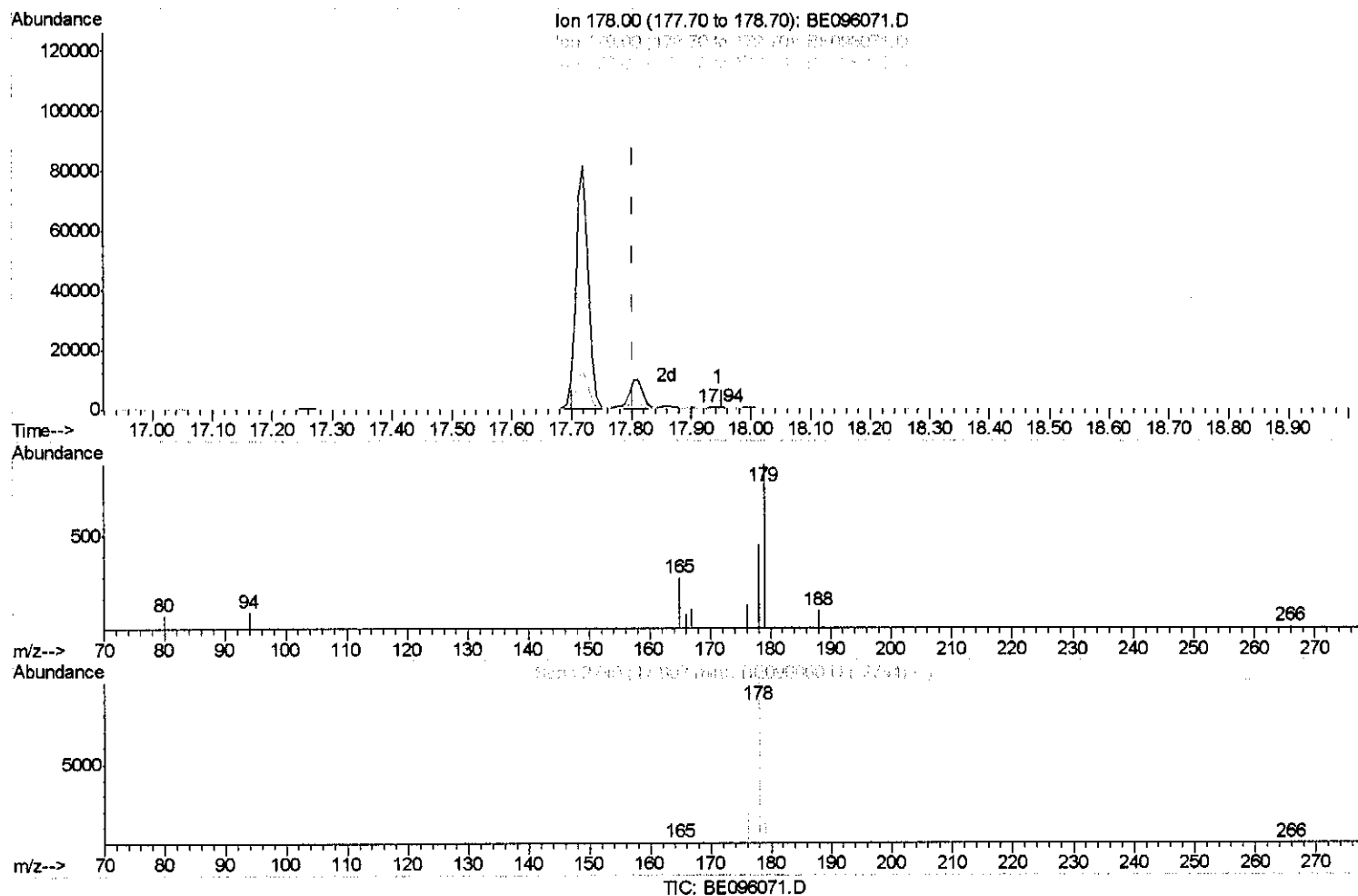
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042018\
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(13) Anthracene

17.945min (+0.142) 0.08ng/ul

response 1848

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	182.93#
176.00	18.40	37.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

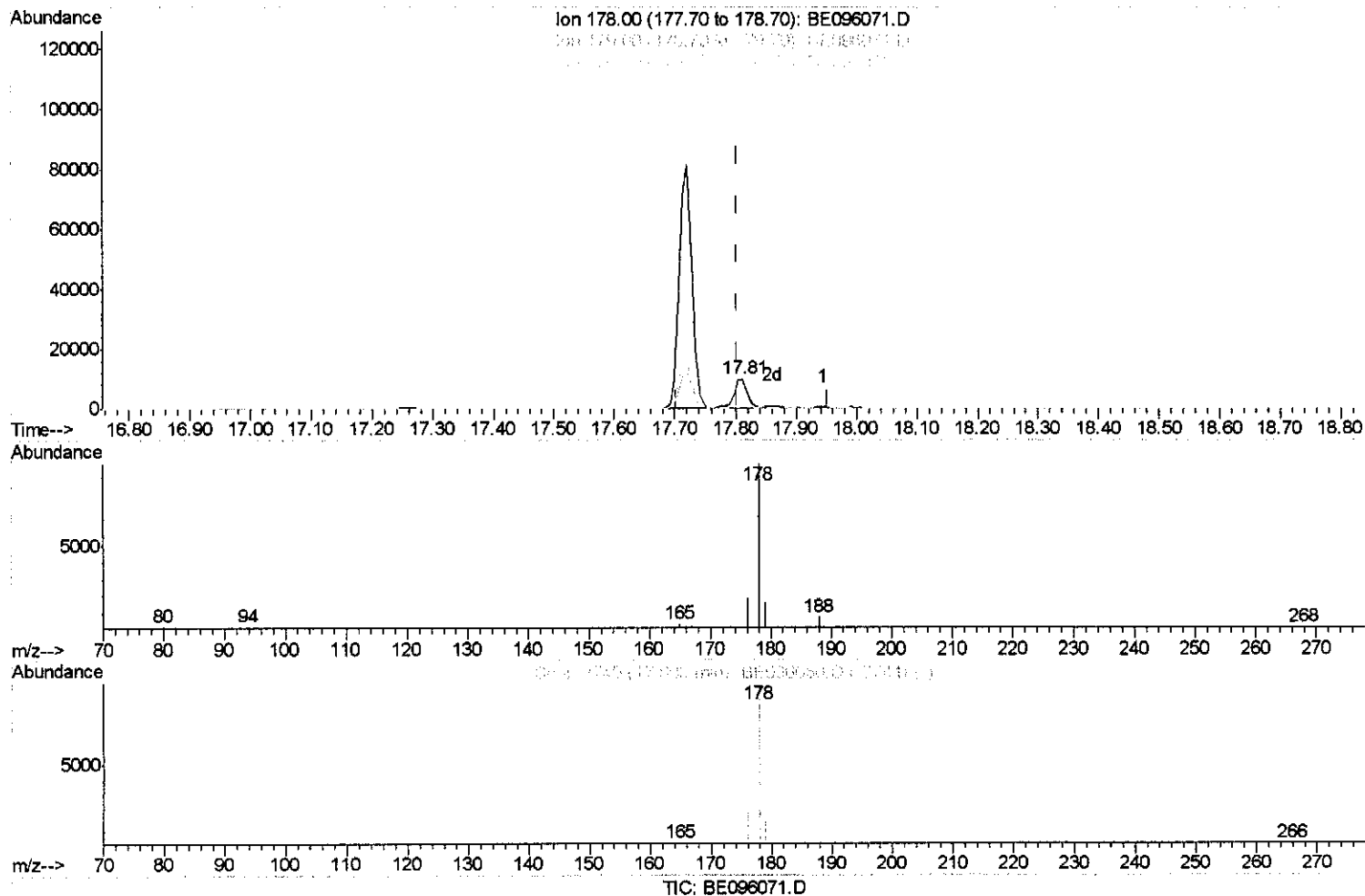
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042018\
 Data File : BE096071.D
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(13) Anthracene

17.811min (+0.009) 0.71ng/ul m > SJ 4/24/18

response 15811

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	16.34#
176.00	18.40	18.95
0.00	0.00	0.00

Quantitation Report (Qedit)

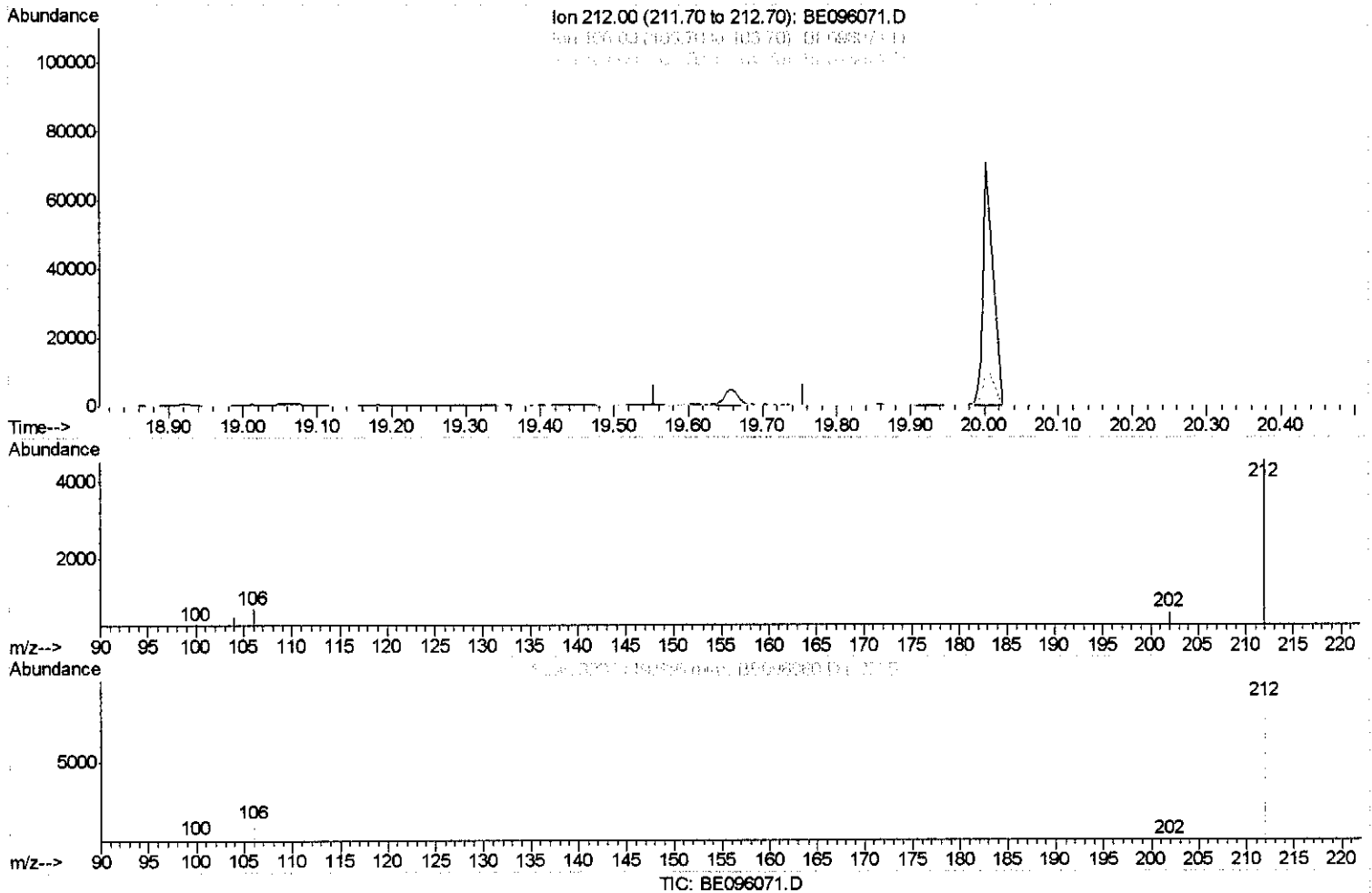
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042018\
 Data File : BE096071.D
 Acq On : 21 Apr 2018 9:33
 Operator : SJ/JU
 Sample : J2434-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(14) Fluoranthene-d10 (SURR)

19.656min (-19.656) 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)

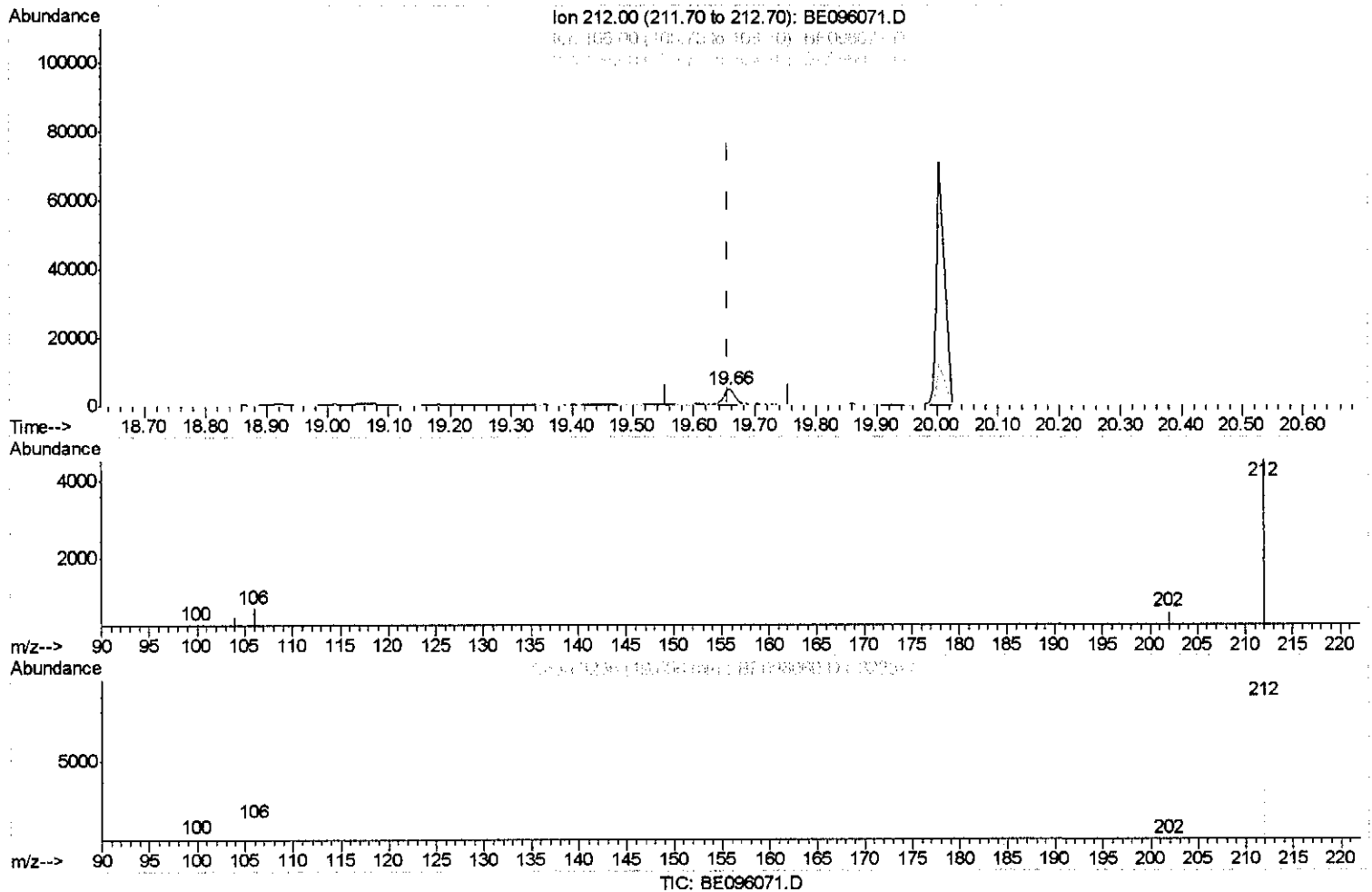
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042018\
 Data File : BE096071.D
 Acq On : 21 Apr 2018 9:33
 Operator : SJ/JU
 Sample : J2434-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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(14) Fluoranthene-d10 (SURR)

19.655min (-0.000) 0.20ng/ul m) SJ 4/24/18

response 6172

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)

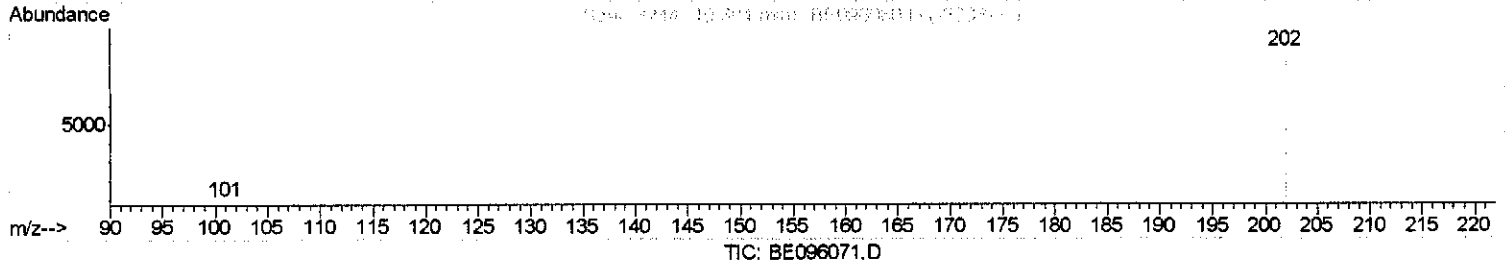
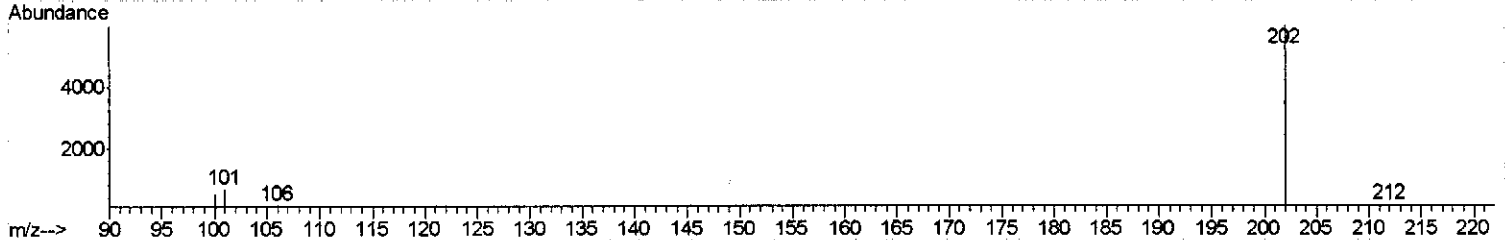
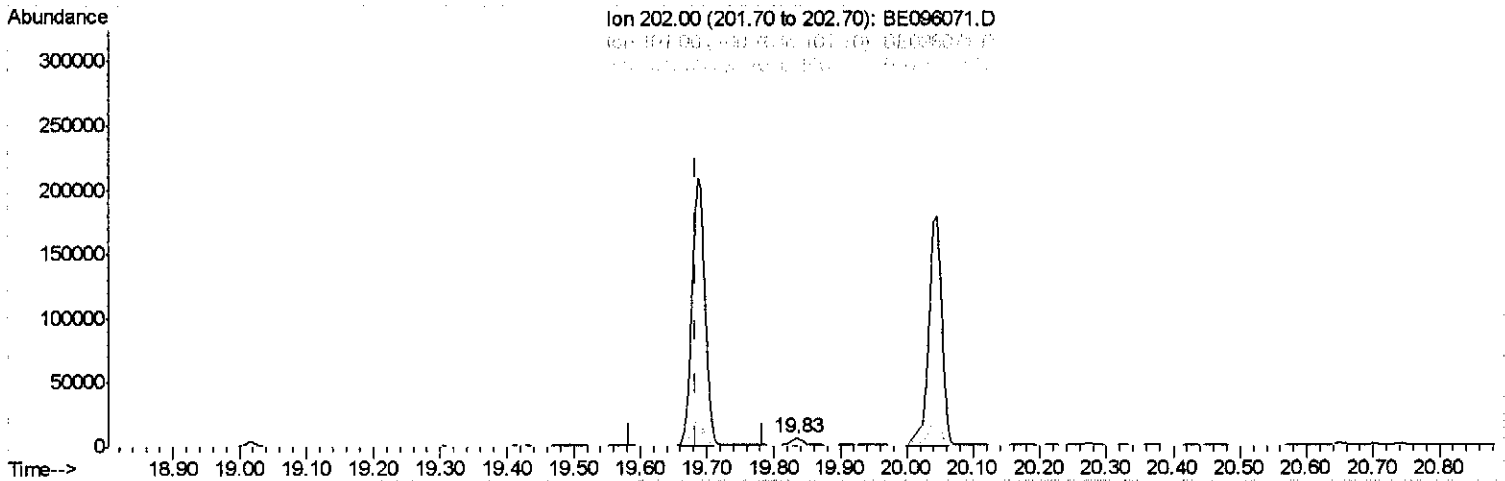
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042018\
 Data File : BE096071.D
 Acq On : 21 Apr 2018 9:33
 Operator : SJ/JU
 Sample : J2434-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC2

Manual Integrations
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(15) Fluoranthene (C)

19.834min (+0.150) 0.26ng/ul

response 8031

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	11.23
100.00	19.50	8.75
0.00	0.00	0.00

Quantitation Report (Qedit)

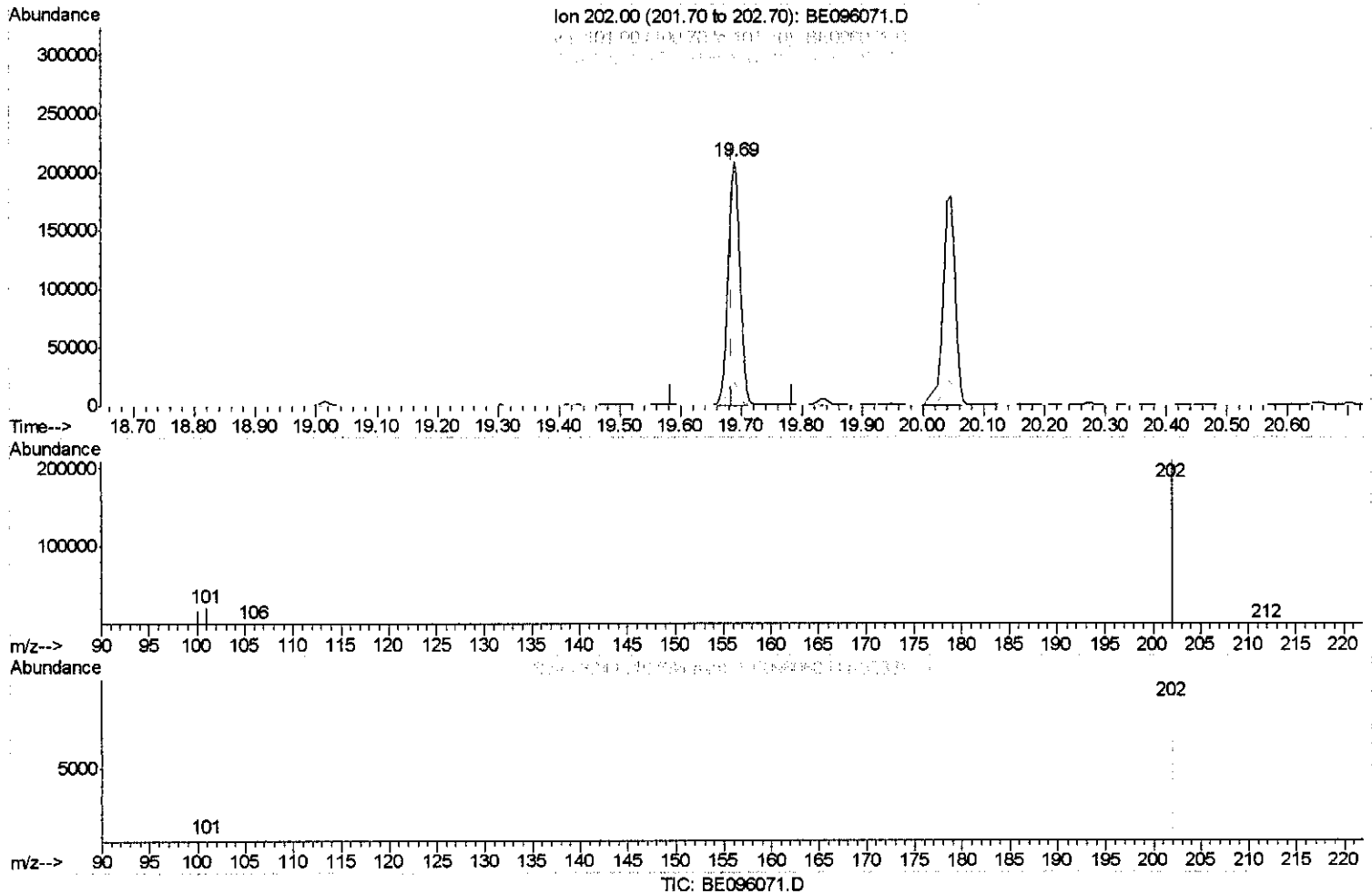
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042018\
 Data File : BE096071.D
 Acq On : 21 Apr 2018 9:33
 Operator : SJ/JU
 Sample : J2434-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 C0AC2

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:33 PM

Quant Time: Apr 23 18:04:42 2018
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(15) Fluoranthene (C)

19.688min (+0.003) 9.11ng/ul m > 52 4/24/18

response 278230

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	9.77
100.00	19.50	8.11
0.00	0.00	0.00

Quantitation Report (Qedit)

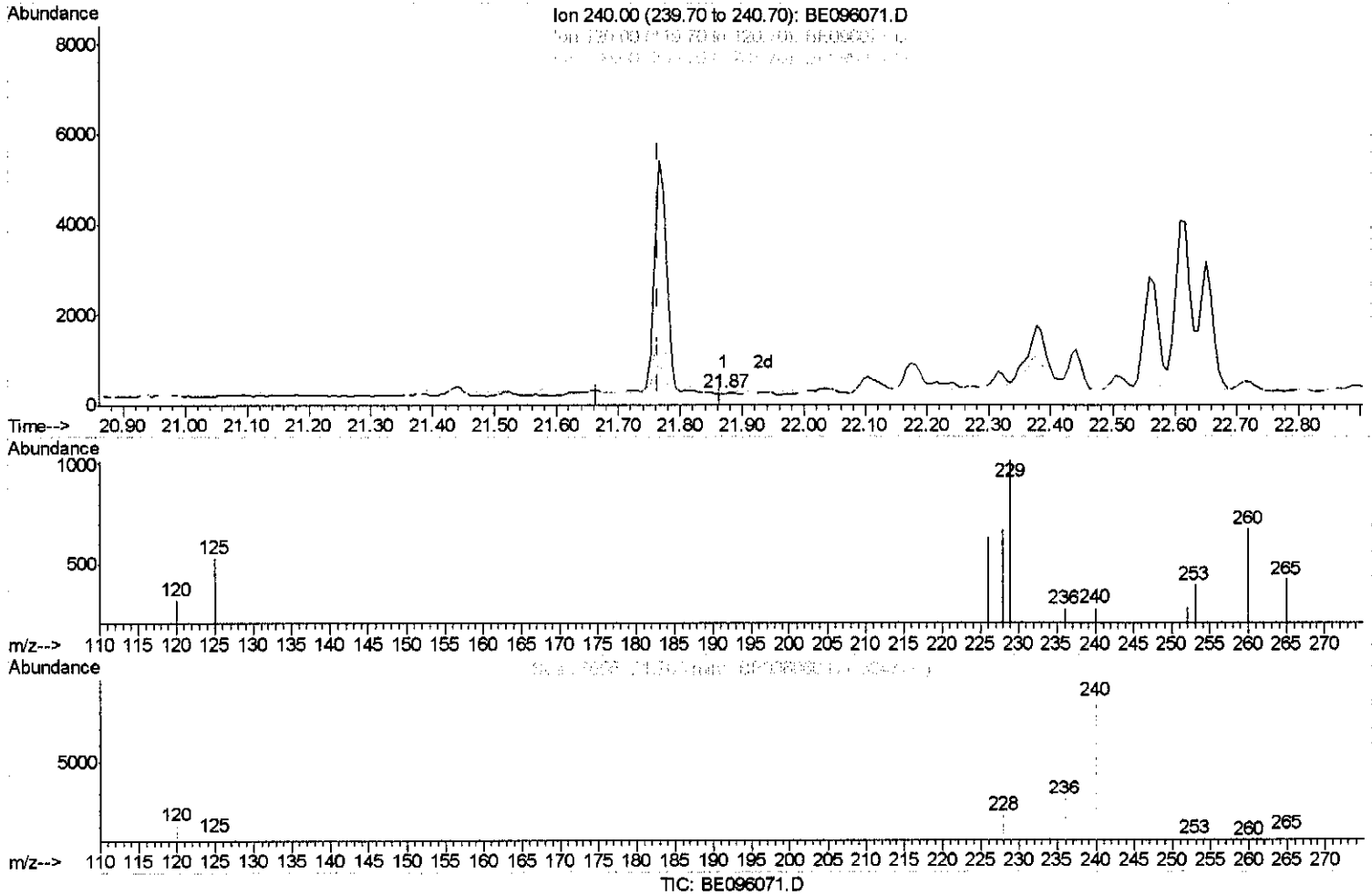
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042018\
 Data File : BE096071.D
 Acq On : 21 Apr 2018 9:33
 Operator : SJ/JU
 Sample : J2434-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC2

Manual Integrations
 APPROVED

Sohil
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(16) Chrysene-d12 (I)

21.871min (+0.106) 0.40ng/ul

response 48

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	115.16#
236.00	34.90	98.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

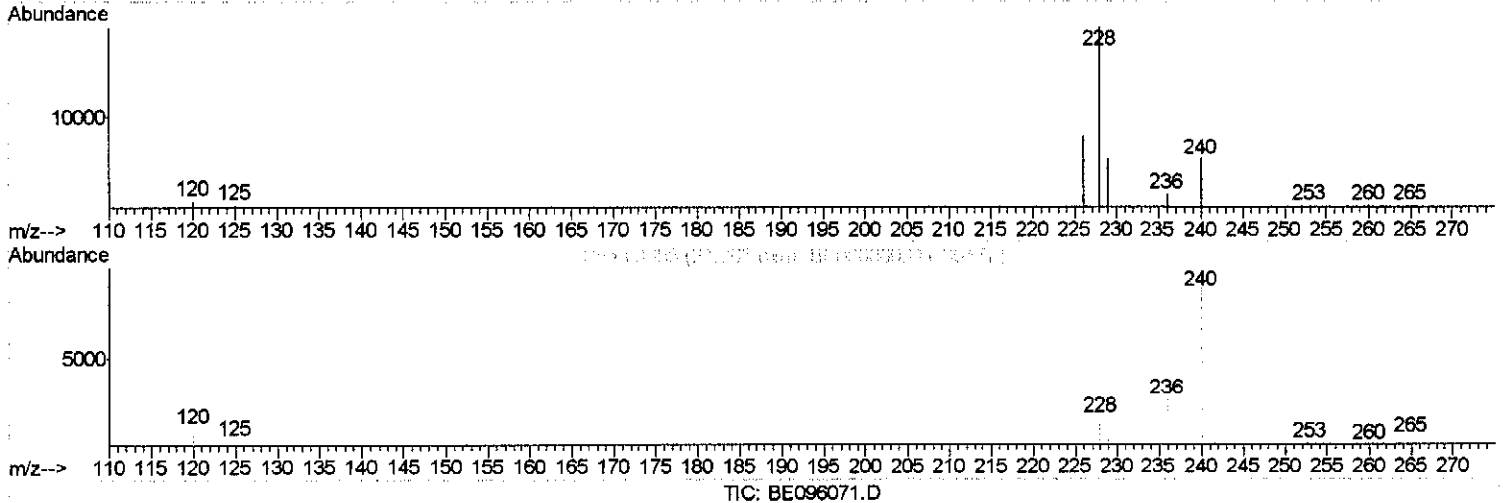
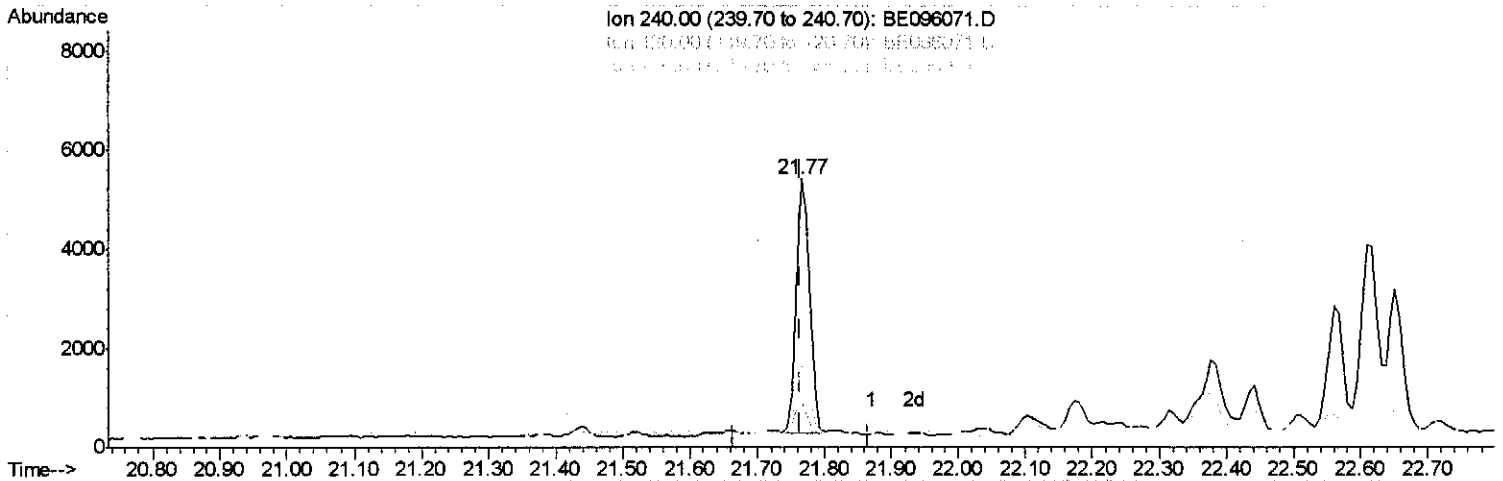
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042018\
 Data File : BE096071.D
 Acq On : 21 Apr 2018 9:33
 Operator : SJ/JU
 Sample : J2434-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:33 PM

Quant Time: Apr 23 18:04:42 2018
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(16) Chrysene-d12 (I)

21.765min (+0.000) 0.40ng/ul m > SJ 4/24/18

response 7085

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	16.72
236.00	34.90	30.74
0.00	0.00	0.00

Quantitation Report (Qedit)

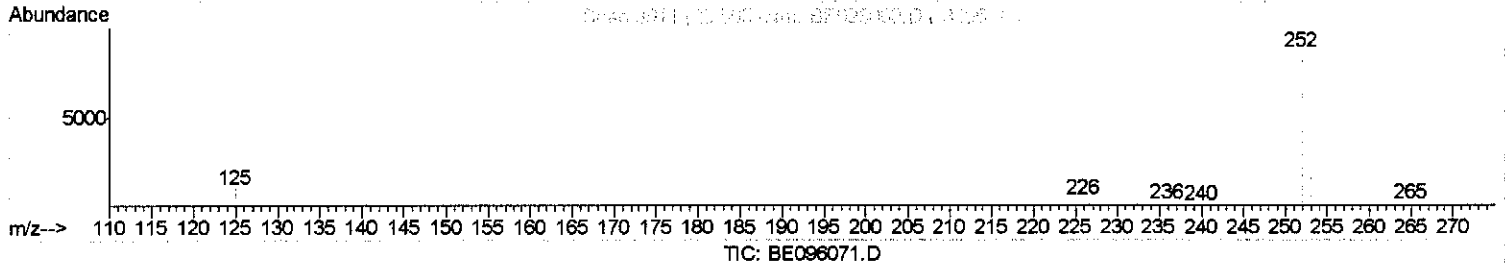
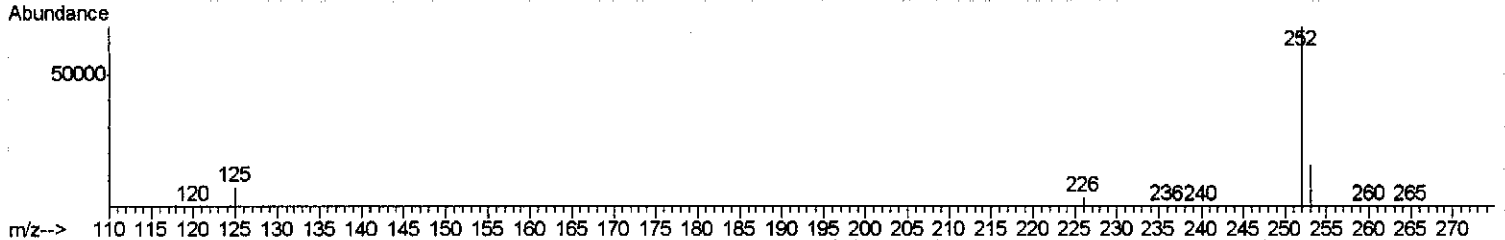
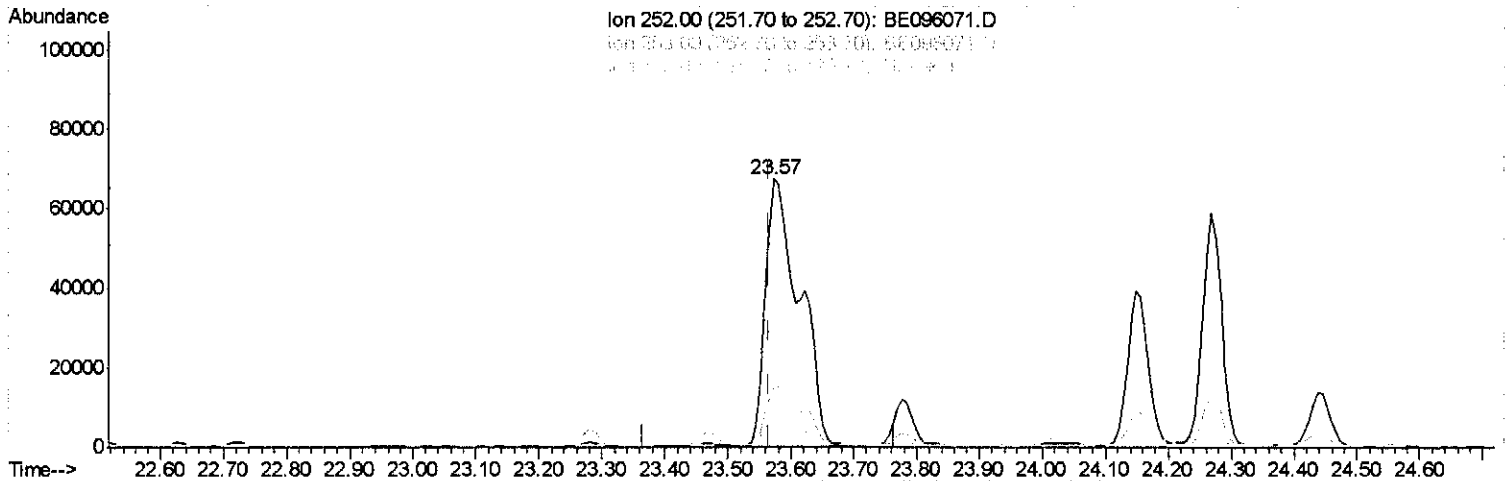
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042018\
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Manual Integrations
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Sohil
 4/23/2018 6:44:33 PM

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(21) Benzo(b)fluoranthene

23.572min (+0.007) 11.58ng/ul

response 248475

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.97
125.00	17.50	10.85
0.00	0.00	0.00

Quantitation Report (Qedit)

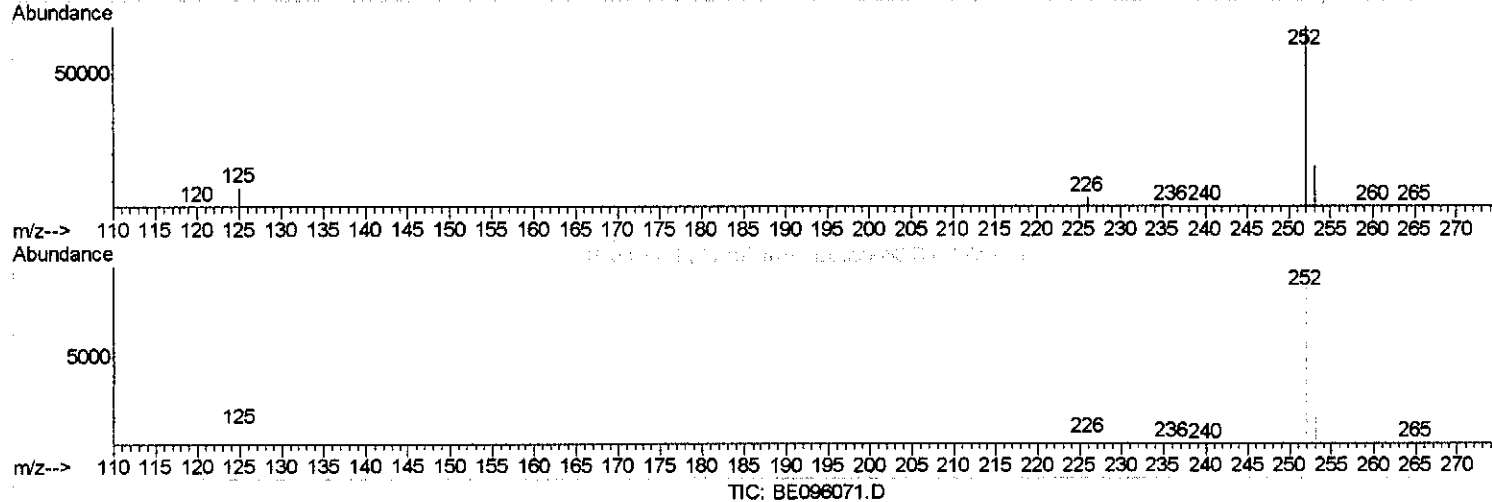
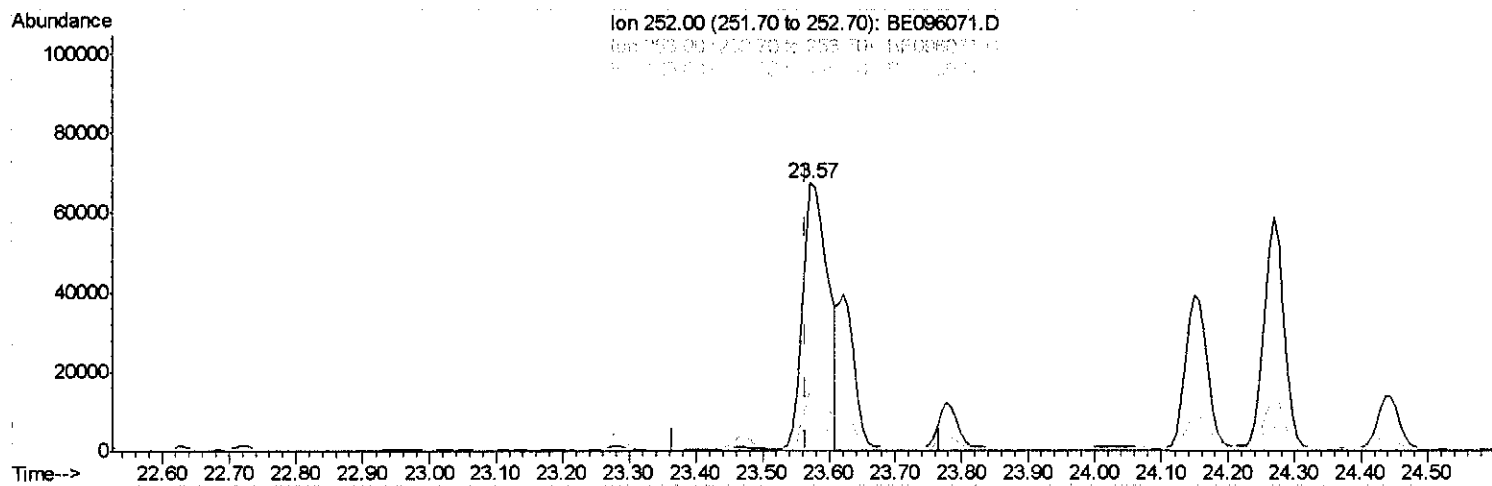
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(21) Benzo(b)fluoranthene

23.572min (+0.007) 8.51ng/ul m > SJ 4/24/18

response 182556

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.97
125.00	17.50	10.85
0.00	0.00	0.00

Quantitation Report (Qedit)

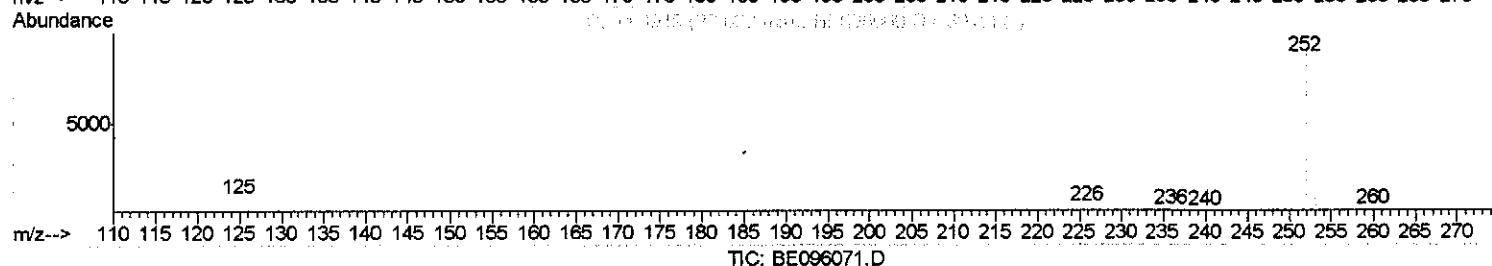
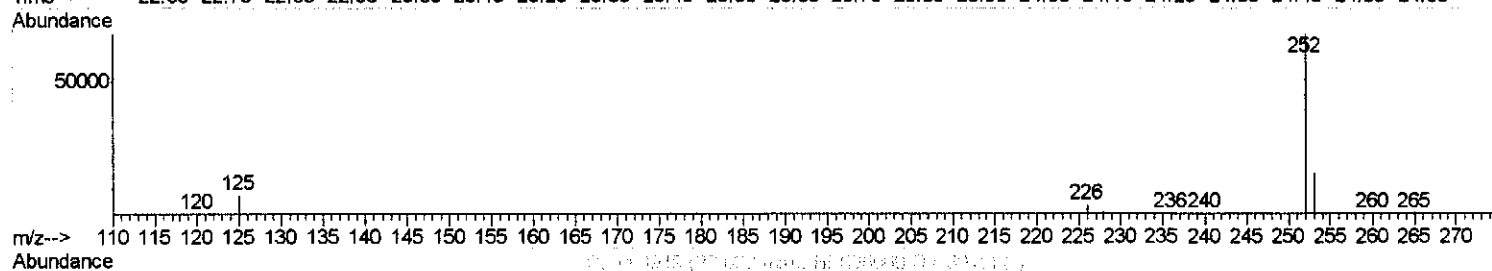
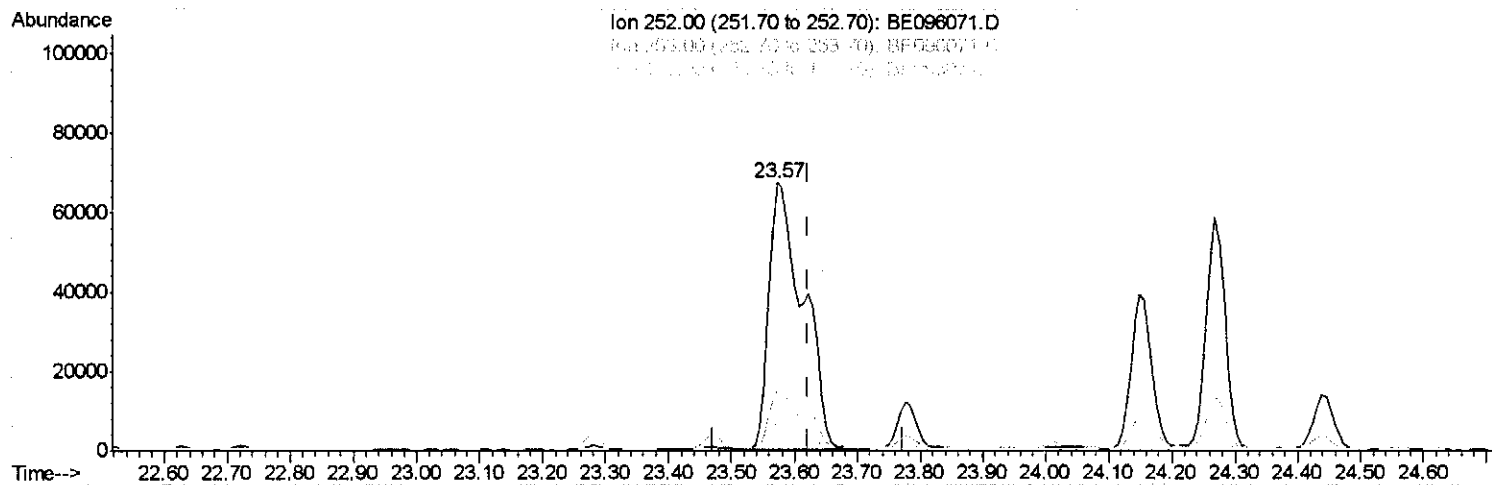
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(22) Benzo(k)fluoranthene

23.572min (-0.049) 11.63ng/ul

response 248475

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.97#
125.00	17.10	10.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

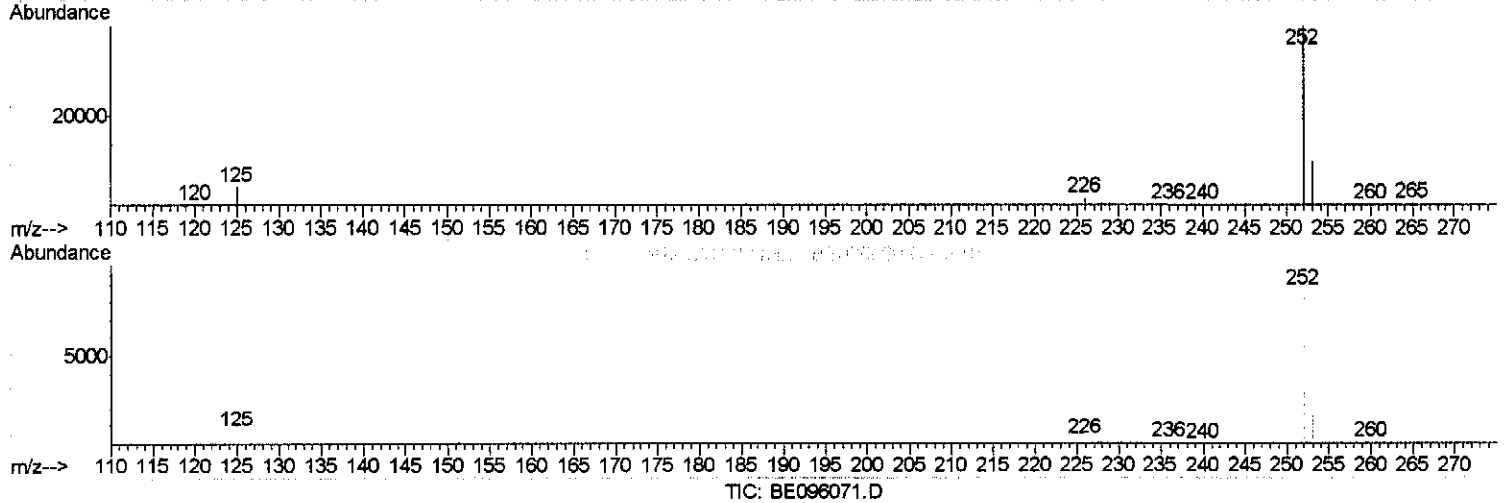
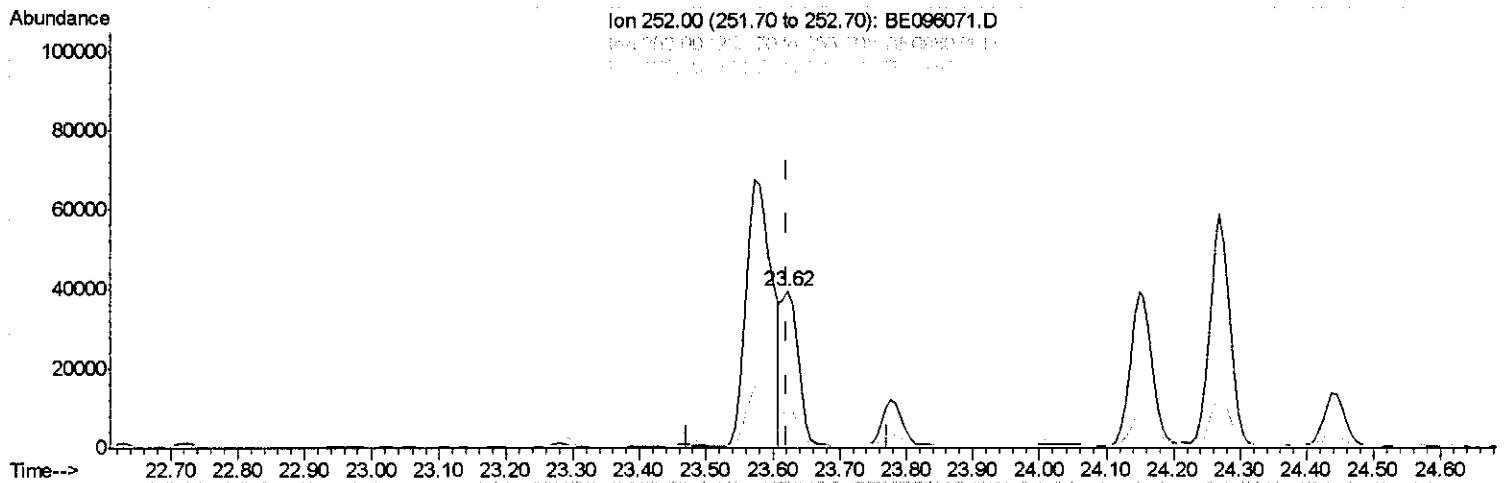
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(22) Benzo(k)fluoranthene

23.622min (+0.000) 3.26ng/ul m > SJ 4/24/18

response 69640

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.31#
125.00	17.10	10.65#
0.00	0.00	0.00

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Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:33 PM

Quant Time: Apr 23 18:08:21 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	2067	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5826	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3481	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7615m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7085m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	6630	0.40	ng/ul	0.00

SJ 4/24/18

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.76	152	2225	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	6172m	0.20	ng/ul	0.00

SJ 4/24/18

Target Compounds

					Qvalue	
3) Naphthalene	11.25	128	19071	1.172	ng/ul#	88
5) 2-Methylnaphthalene	12.83	142	15031	1.363	ng/ul	100
7) Acenaphthylene	14.70	152	8719	0.483	ng/ul	99
8) Acenaphthene	15.03	153	2625	0.203	ng/ul	89
9) Fluorene	16.00	166	3117	0.213	ng/ul	88
12) Phenanthrene	17.72	178	116007m	5.169	ng/ul	
13) Anthracene	17.81	178	15811m	0.708	ng/ul	
15) Fluoranthene	19.69	202	278230m	9.111	ng/ul	
17) Pyrene	20.05	202	267252	11.101	ng/ul#	77
18) Benzo(a)anthracene	21.81	228	134755	4.708	ng/ul#	85
19) Chrysene	21.81	228	134755	6.541	ng/ul	97
21) Benzo(b)fluoranthene	23.57	252	182556m	8.509	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	69640m	3.258	ng/ul	
23) Benzo(a)pyrene	24.27	252	124276	6.003	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.18	276	87044	3.783	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.18	278	22943	1.238	ng/ul	95
26) Benzo(g,h,i)perylene	28.05	276	83446	4.342	ng/ul#	92

SJ 4/24/18

SJ 4/24/18

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