

Quantitation Report (QT Reviewed)

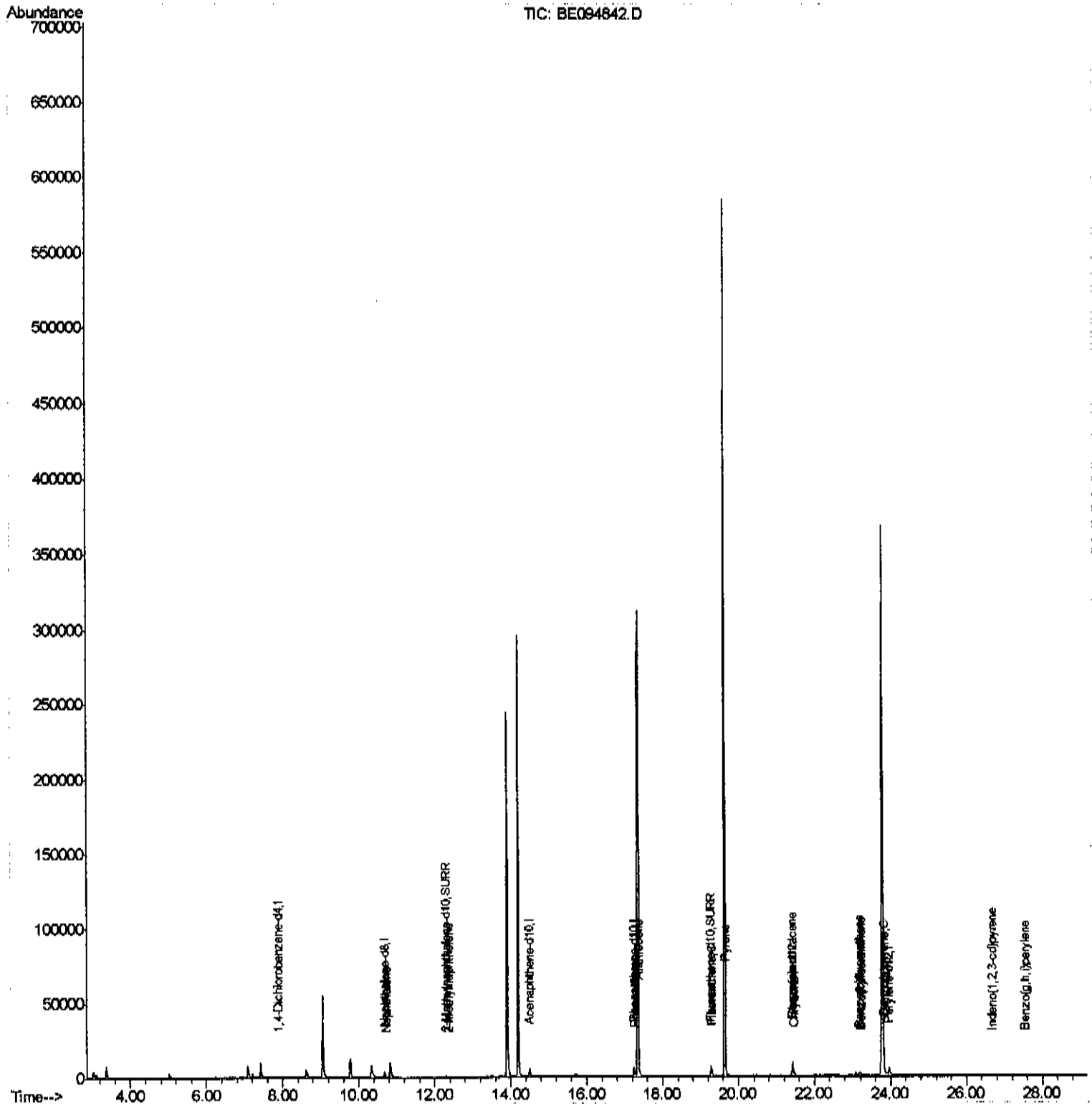
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094842.D
 Acq On : 22 Nov 2017 21:17
 Operator : SJ/JU
 Sample : I6496-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AA1

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:25:41 PM

Quant Time: Nov 23 03:05:02 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 23 02:50:08 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

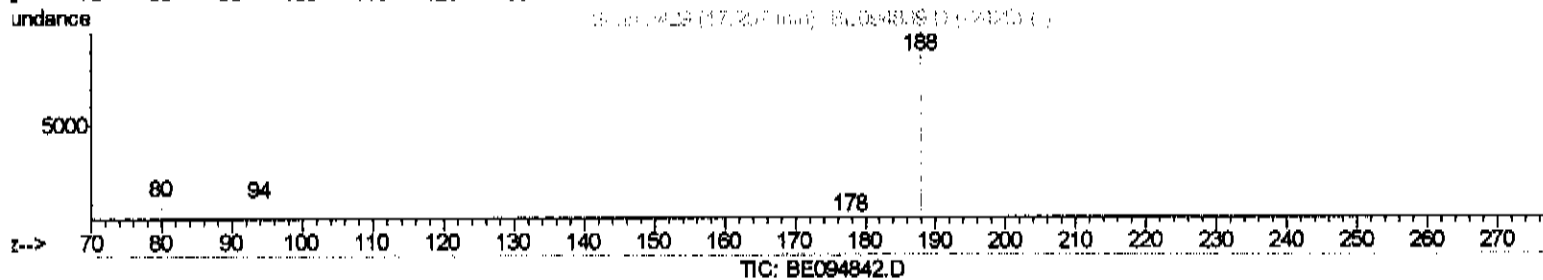
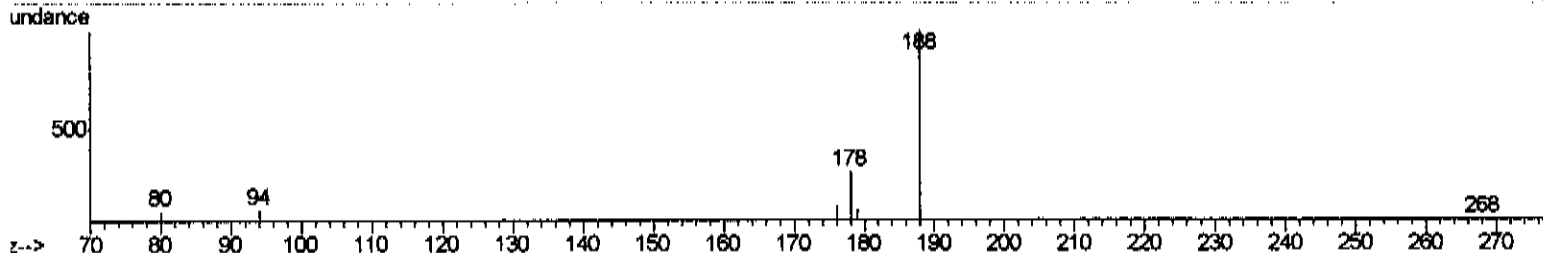
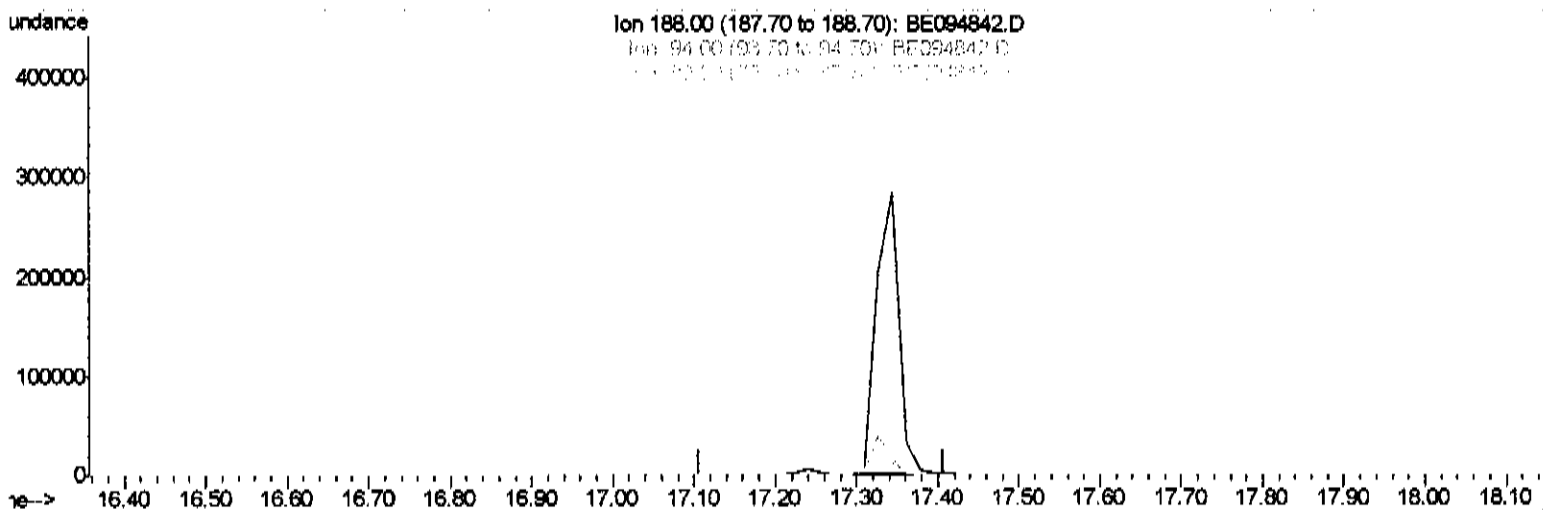
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Sohil
 11/27/2017 3:25:41 PM

Quant Time: Nov 23 02:51:34 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 OLast Update : Thu Nov 23 02:50:08 2017
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(10) Phenanthrene-d10 (I)

17.257min (-17.257) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

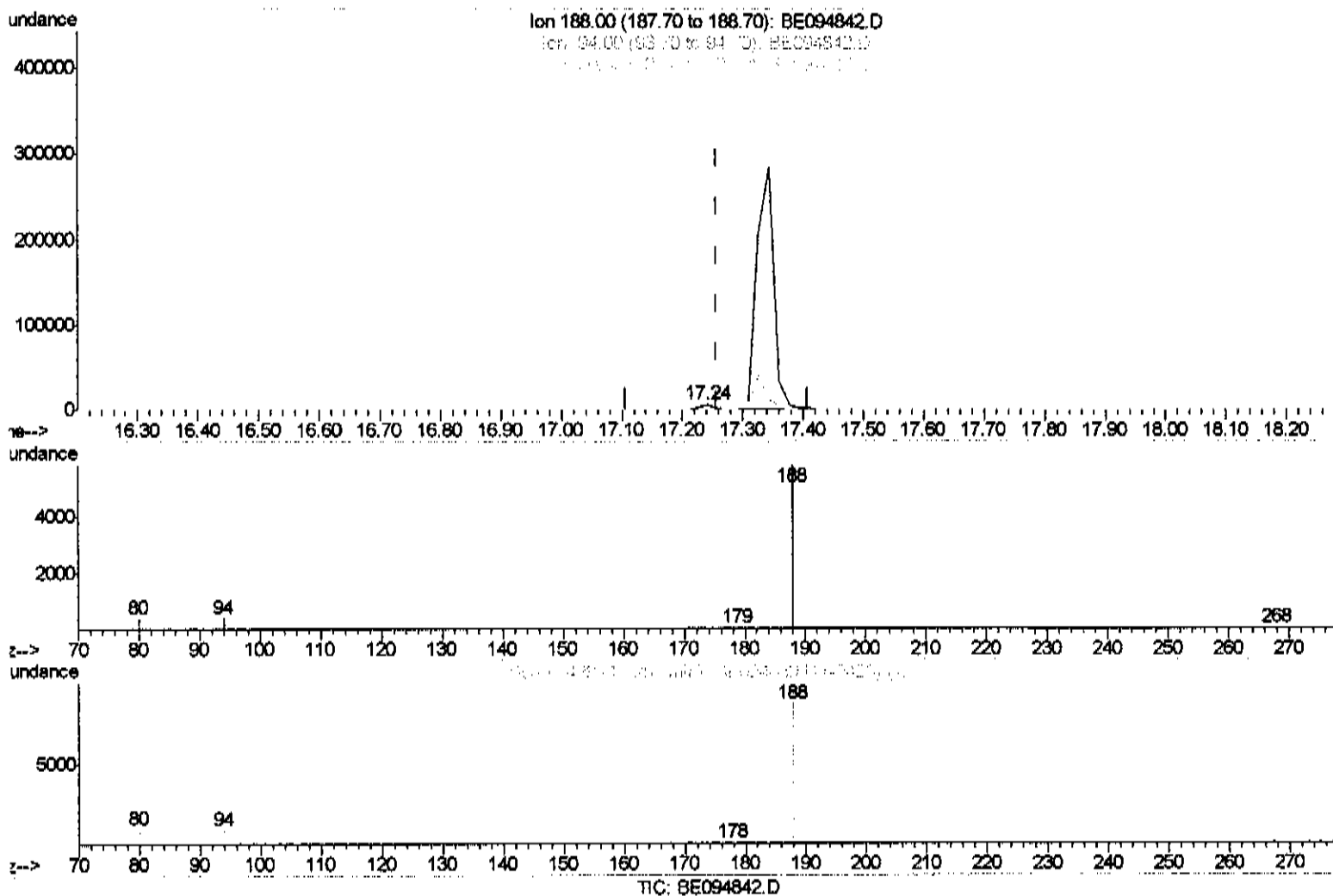
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
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(10) Phenanthrene-d10 (I)

17.239min (-0.018) 0.40ng/ul m

SJ 11/27/17

response 8284

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	7.62#
80.00	11.80	7.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

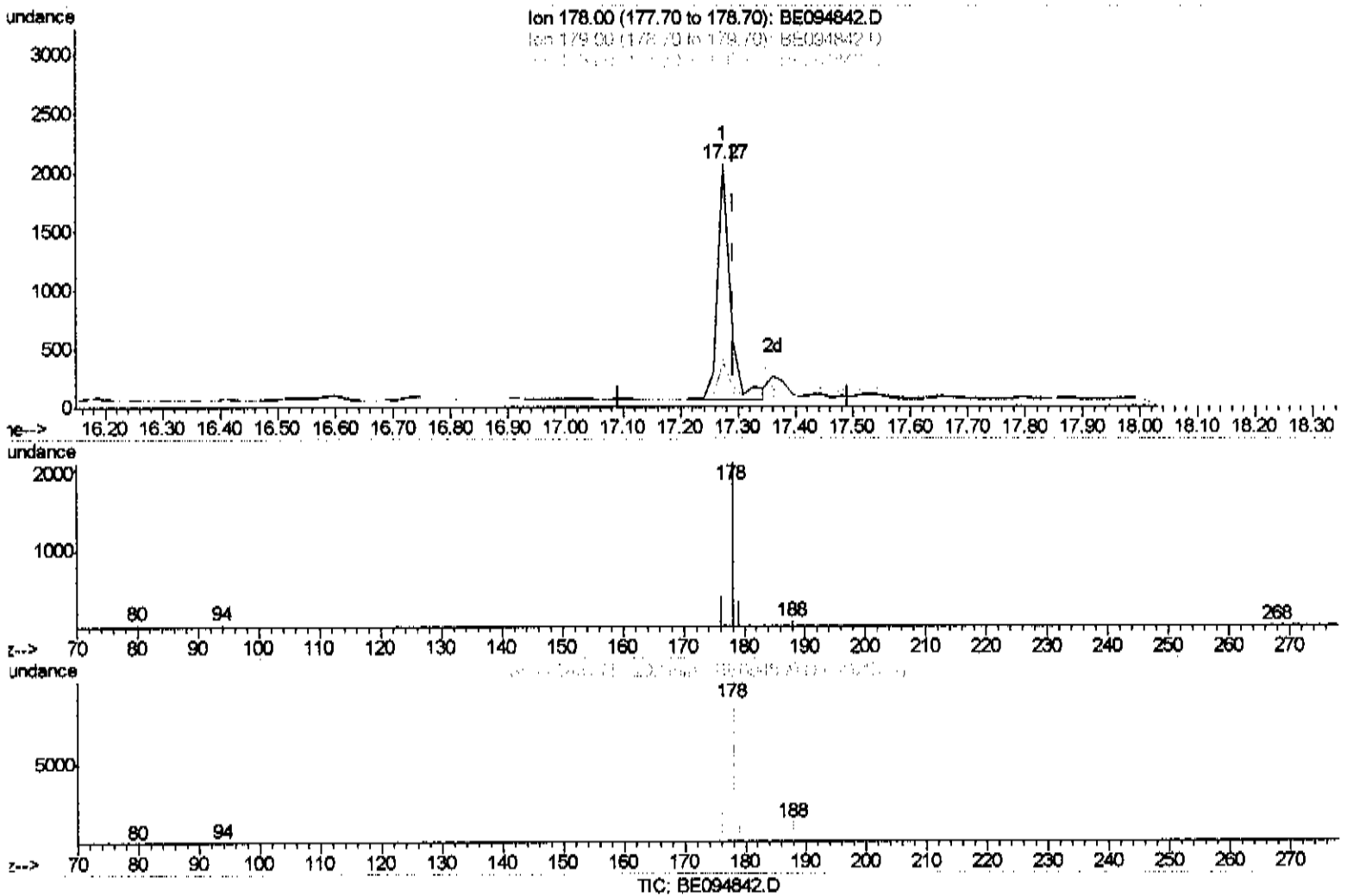
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094842.D
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 Sample : I6496-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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Manual Integrations
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Sohil
 11/27/2017 3:25:41 PM

Quant Time: Nov 23 03:03:08 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 23 02:50:08 2017
 Response via : Initial Calibration



(12) Phenanthrene

17.274min (-0.018) 0.14ng/ui

response 3156

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	18.05#
176.00	17.00	20.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

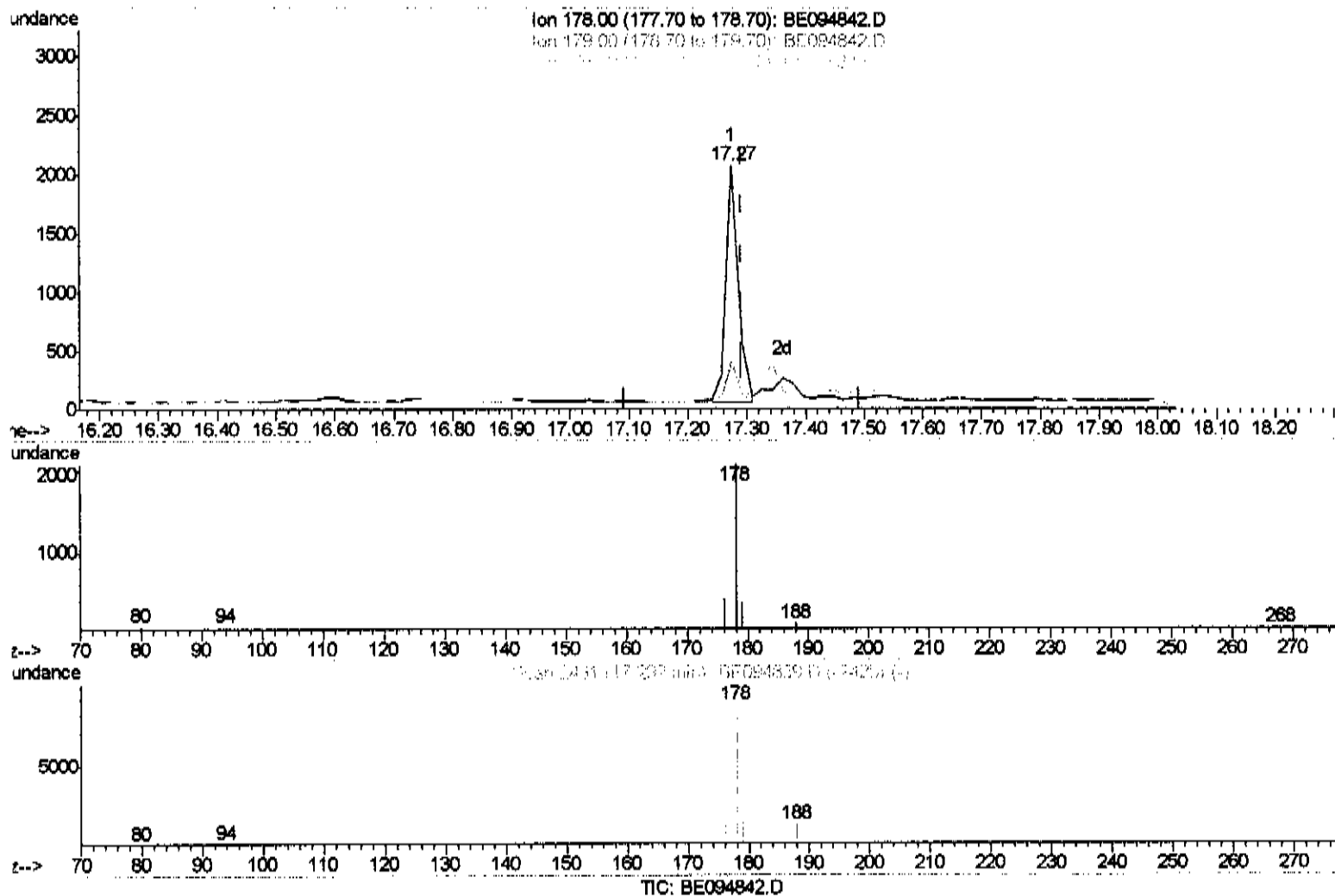
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112217\
 Data File : BE094842.D
 Acq On : 22 Nov 2017 21:17
 Operator : SJ/JU
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 ALS Vial : 18 Sample Multiplier: 1

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(12) Phenanthrene

17.274min (-0.018) 0.13ng/ul m

JU 11/27/17

response 2946

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	18.05#
176.00	17.00	20.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

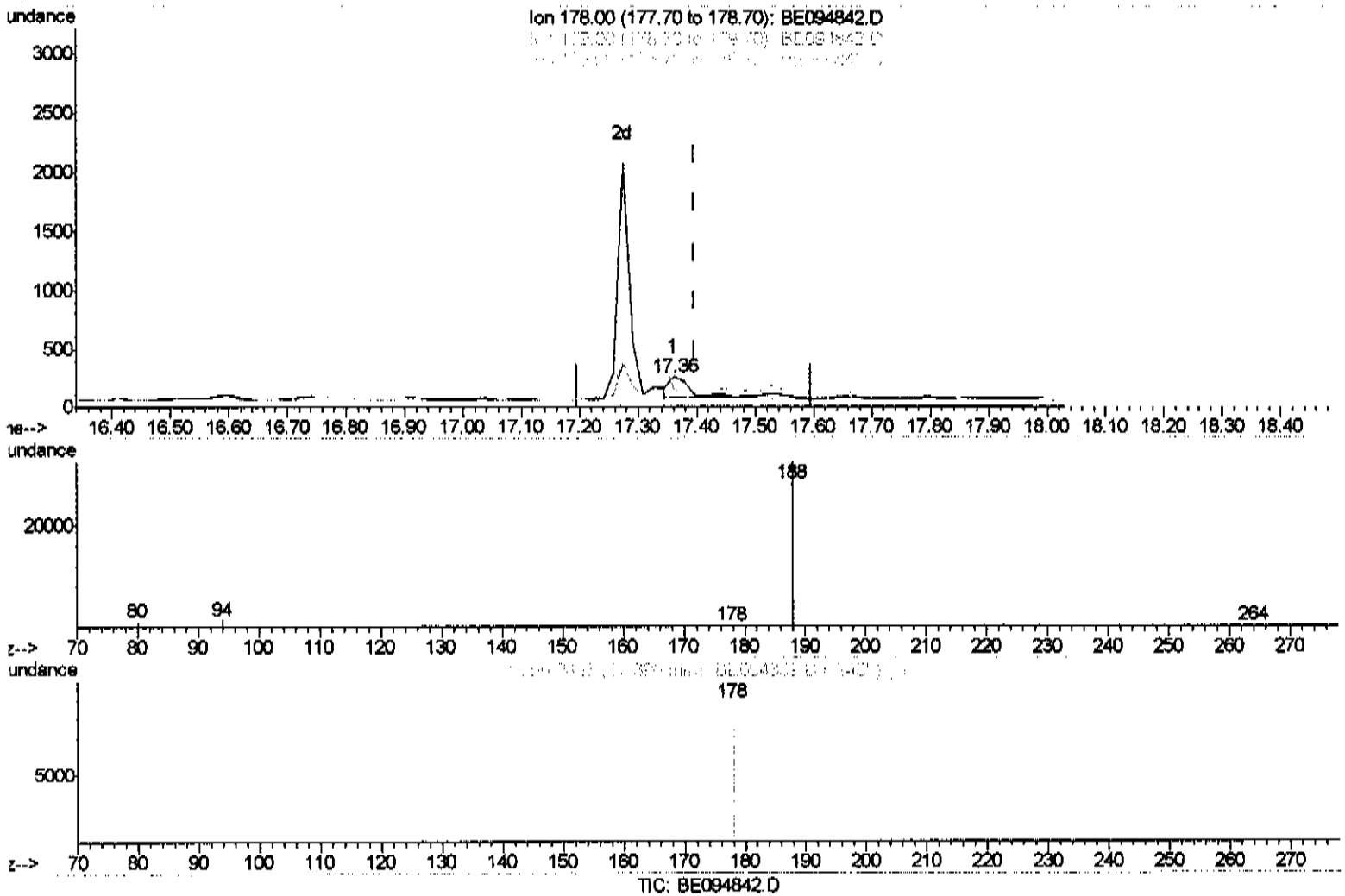
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094842.D
 Acq On : 22 Nov 2017 21:17
 Operator : SJ/JU
 Sample : I6496-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AA1

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(13) Anthracene

17.360min (-0.035) 0.02ng/ul

response 444

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	56.92#
176.00	18.40	36.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

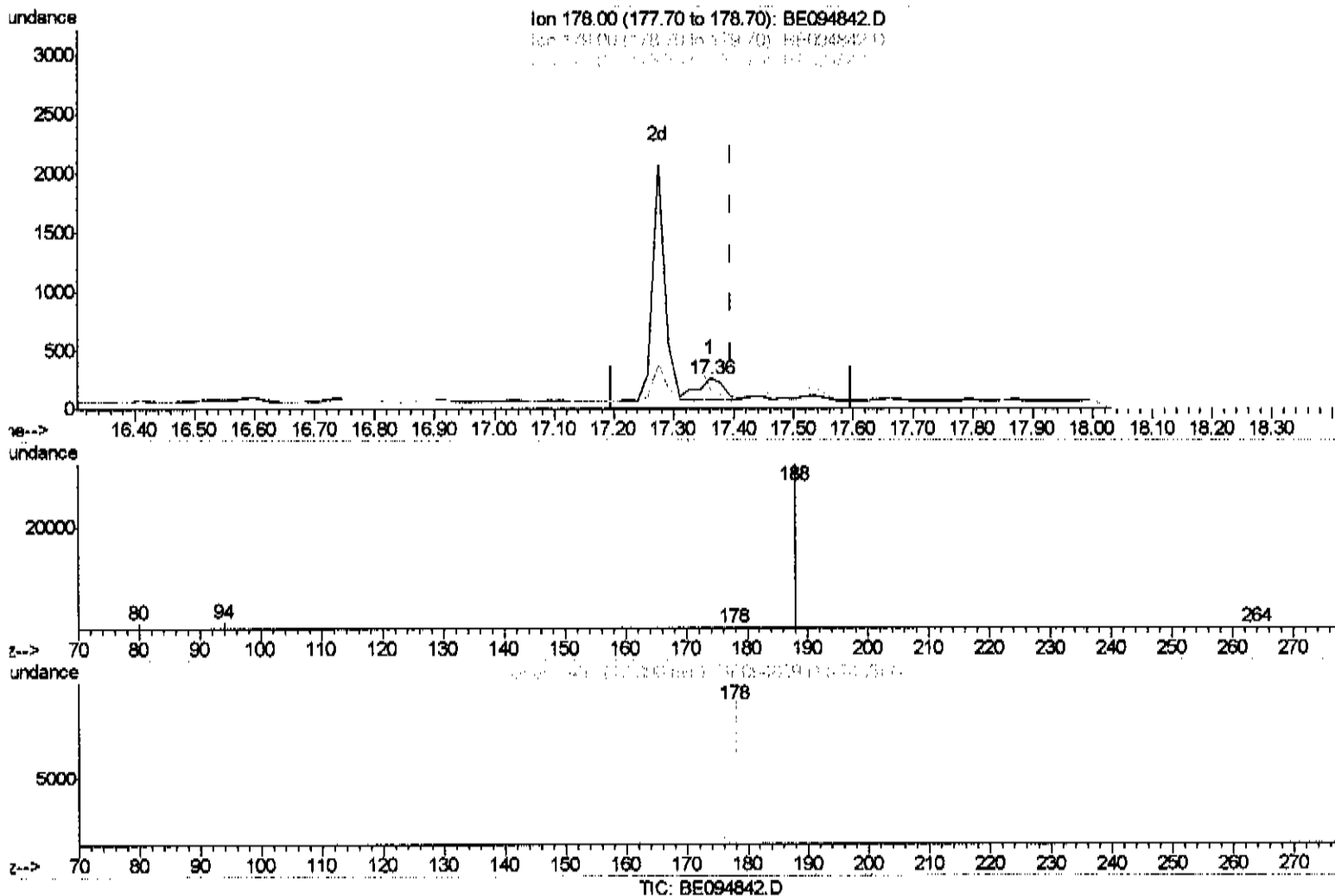
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094842.D
 Acq On : 22 Nov 2017 21:17
 Operator : SJ/JU
 Sample : I6496-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AA1

Manual Integrations
 APPROVED

Sohil
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Quant Time: Nov 23 03:03:08 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
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(13) Anthracene

17.360min (-0.035) 0.03ng/ul m

SJ 11/27/17

response 585

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	56.92#
176.00	18.40	36.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

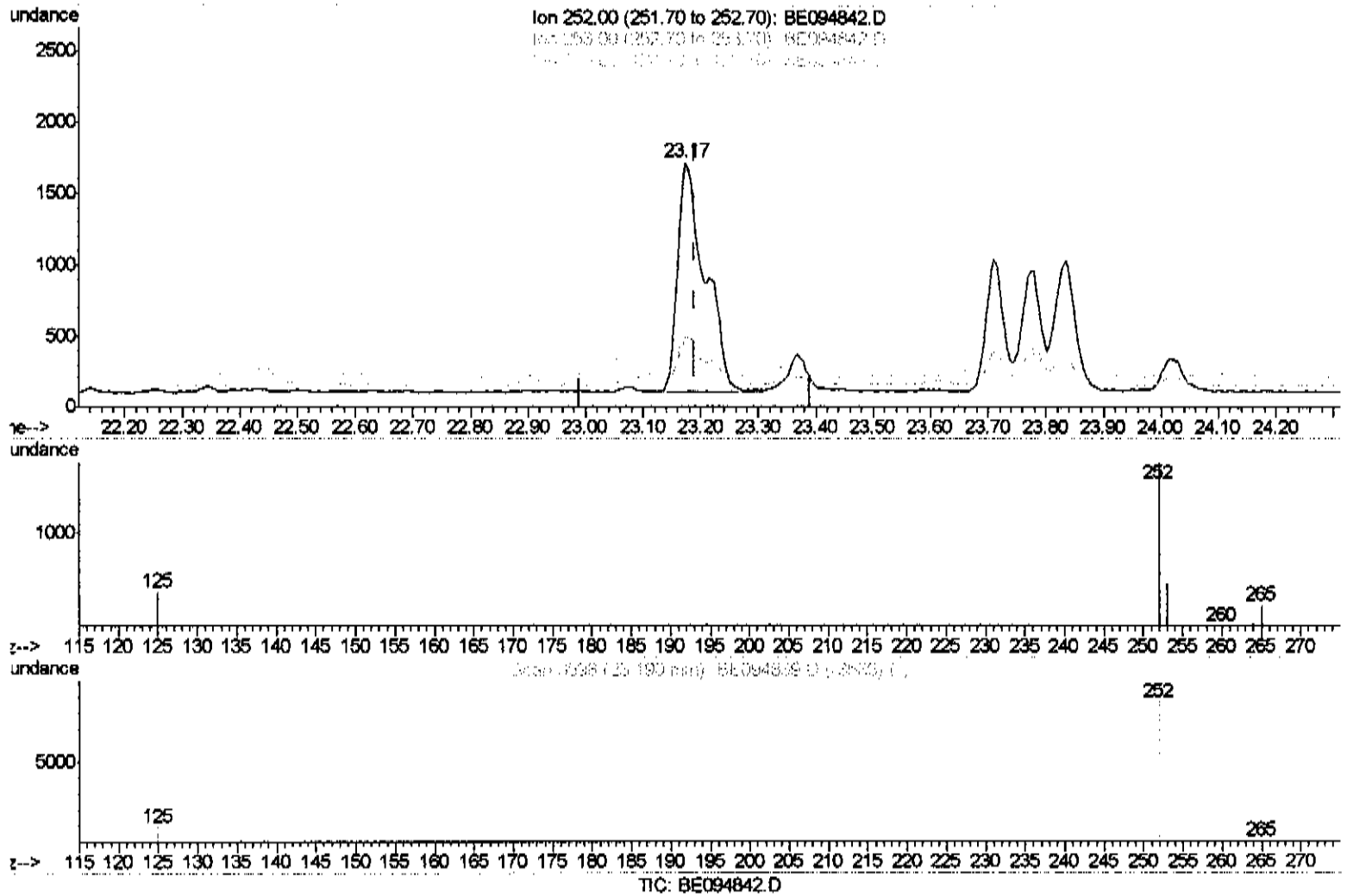
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094842.D
 Acq On : 22 Nov 2017 21:17
 Operator : SJ/JU
 Sample : I6496-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA1

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:25:41 PM

Quant Time: Nov 23 03:03:08 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
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(21) Benzo(b)fluoranthene

23.173min (-0.017) 0.19ng/ul

response 5328

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	29.00
125.00	17.50	23.94
0.00	0.00	0.00

Quantitation Report (Qedit)

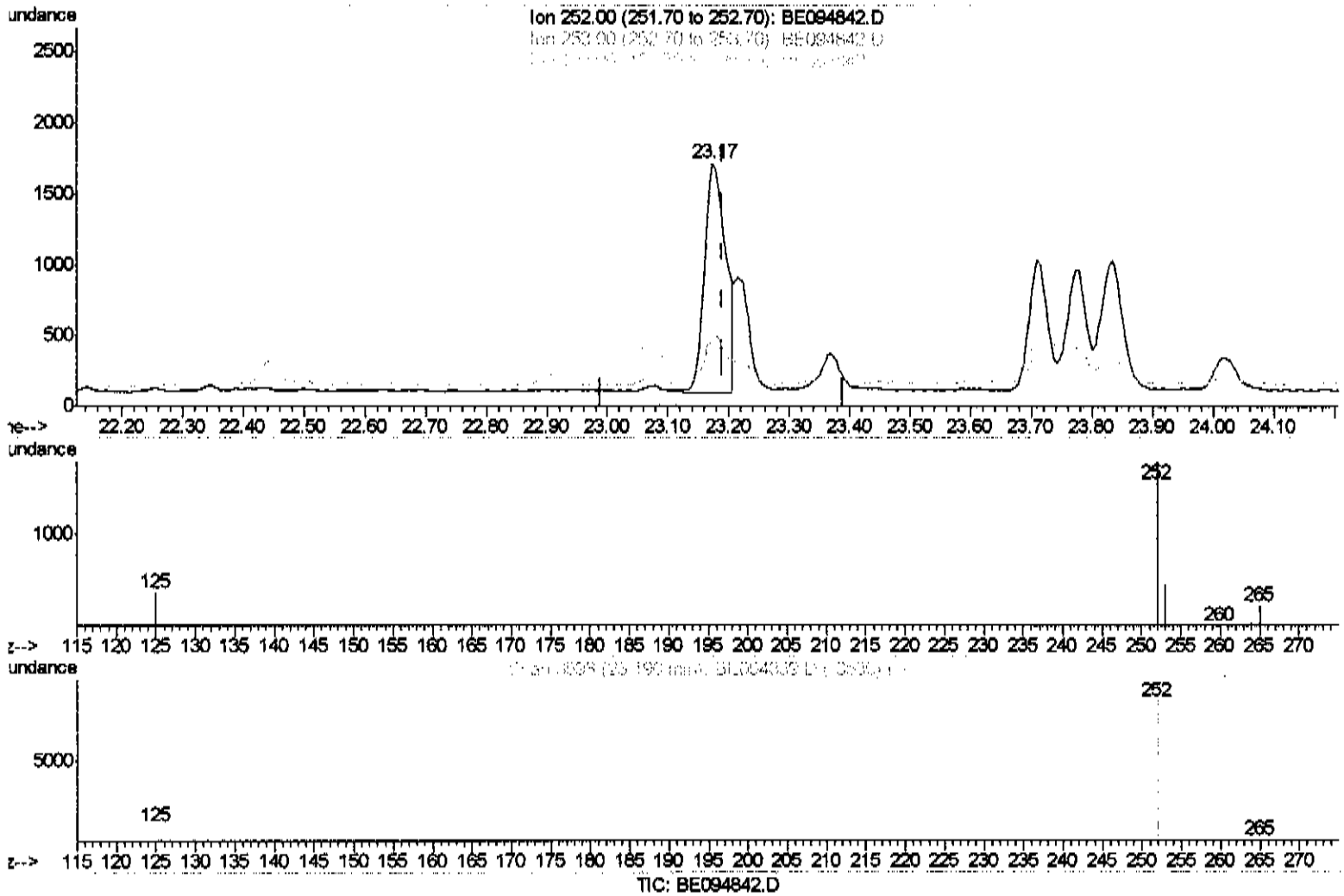
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094842.D
 Acq On : 22 Nov 2017 21:17
 Operator : SJ/JU
 Sample : I6496-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AA1

Manual Integrations
 APPROVED

Sohil
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(21) Benzo(b)fluoranthene

23.173min (-0.017) 0.14ng/ul m

SJ 11/27/17

response 3948

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	29.00
125.00	17.50	23.94
0.00	0.00	0.00

Quantitation Report (Qedit)

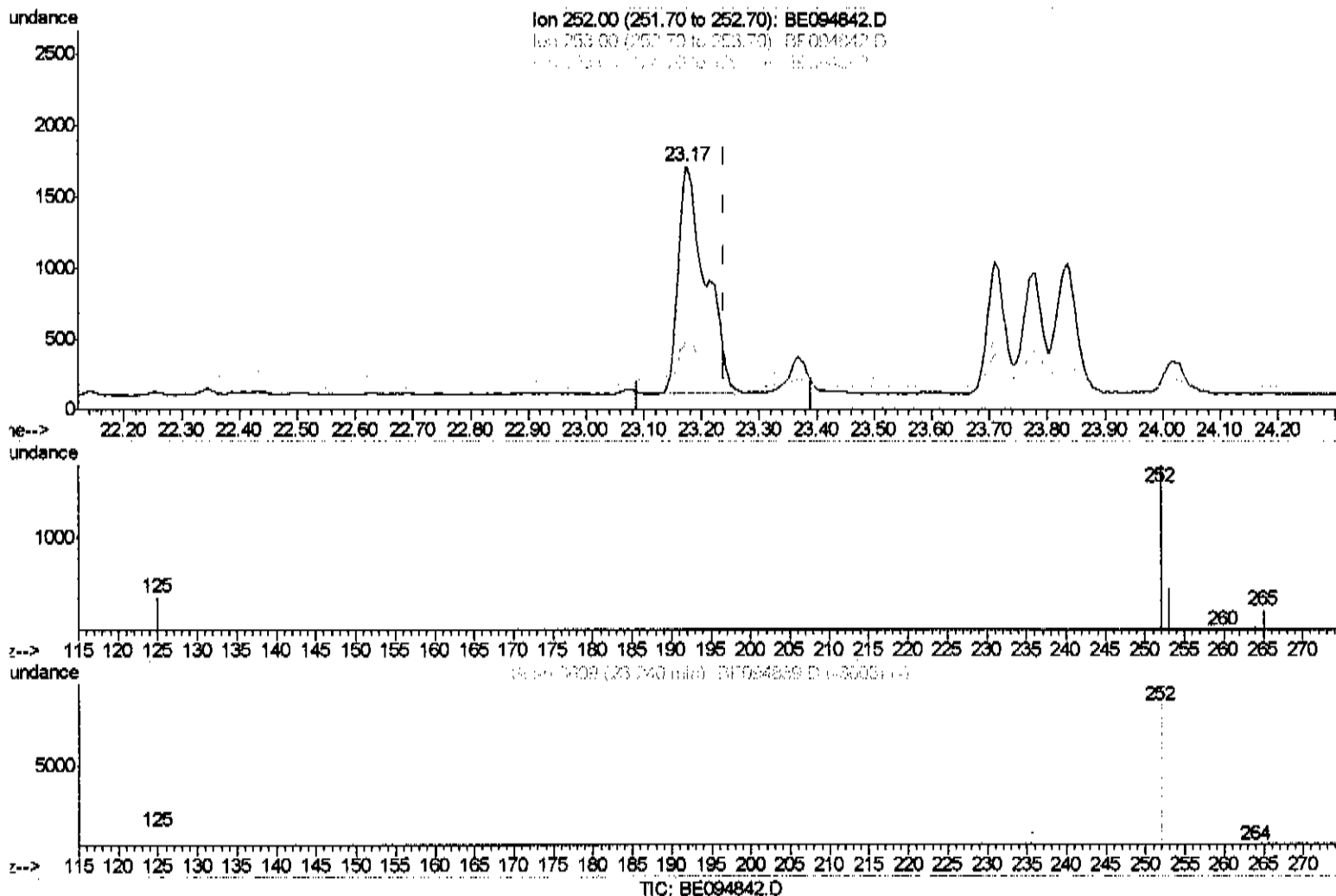
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094842.D
 Acq On : 22 Nov 2017 21:17
 Operator : SJ/JU
 Sample : I6496-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
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(22) Benzo(k)fluoranthene

23.173min (-0.067) 0.18ng/ui

response 5328

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	29.00
125.00	17.10	23.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

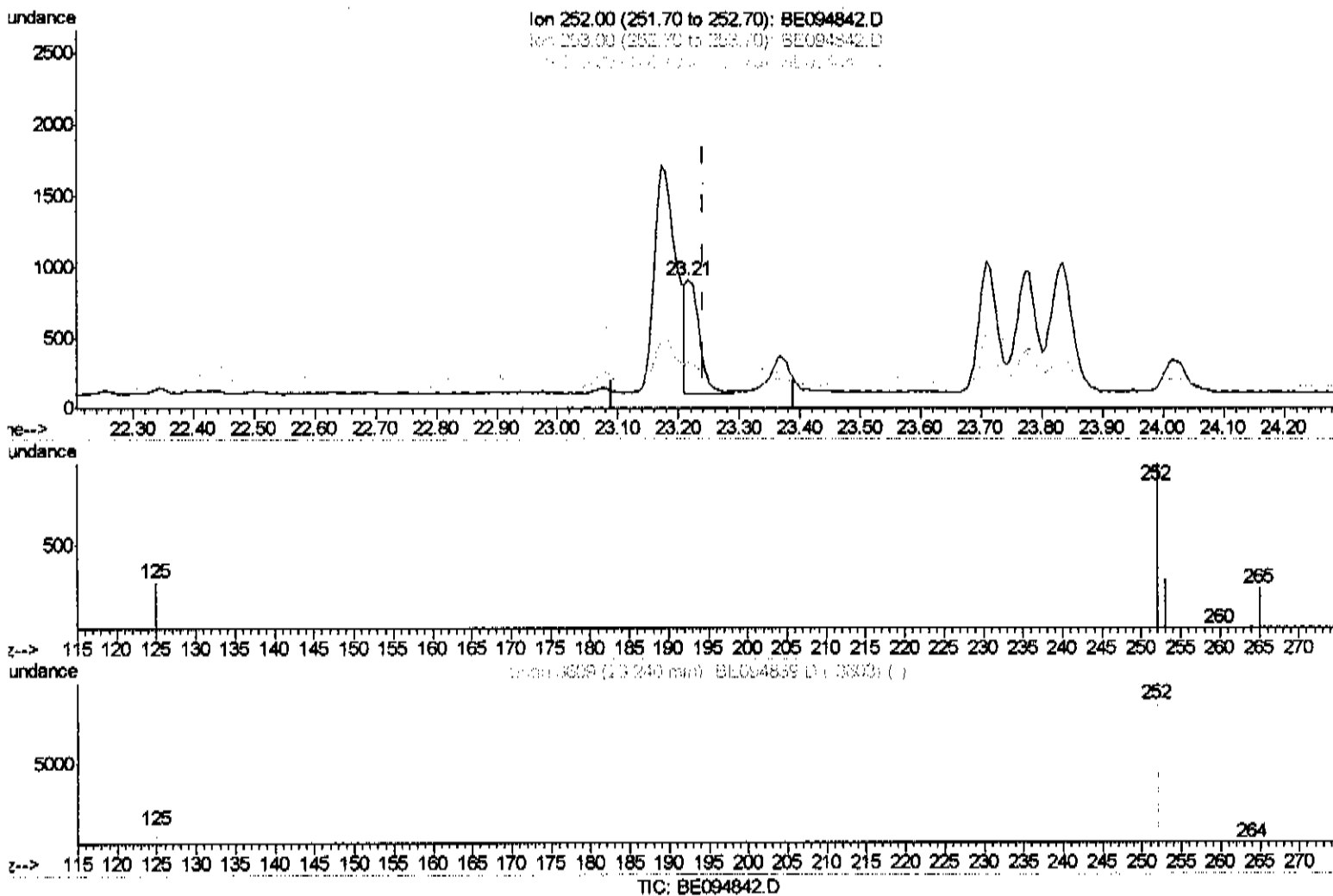
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094842.D
 Acq On : 22 Nov 2017 21:17
 Operator : SJ/JU
 Sample : I6496-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Manual Integrations
 APPROVED

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 QLast Update : Thu Nov 23 02:50:08 2017
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(22) Benzo(k)fluoranthene

23.214min (-0.026) 0.04ng/ul m

30 11/27/17

response 1247

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	35.75
125.00	17.10	34.43#
0.00	0.00	0.00

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 Disc :
 ALS Vial : 18 Sample Multiplier: 1

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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	691	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.67	136	4662	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.50	164	3365	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	8284m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	8449	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	9439	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	2197	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	7478	0.26	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.72	128	449	0.04	ng/ul#	64
5) 2-Methylnaphthalene	12.37	142	587	0.08	ng/ul	97
12) Phenanthrene	17.27	178	2946m	0.13	ng/ul	>
13) Anthracene	17.36	178	585m	0.03	ng/ul	>
15) Fluoranthene	19.30	202	5035	0.17	ng/ul	84
17) Pyrene	19.66	202	5495	0.21	ng/ul#	85
18) Benzo(a)anthracene	21.41	228	2431	0.09	ng/ul#	90
19) Chrysene	21.46	228	3411	0.13	ng/ul#	91
21) Benzo(b)fluoranthene	23.17	252	3948m	0.14	ng/ul	>
22) Benzo(k)fluoranthene	23.21	252	1247m	0.04	ng/ul	>
23) Benzo(a)pyrene	23.83	252	2259	0.08	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	26.68	276	1663	0.05	ng/ul#	77
26) Benzo(a,h,i)perylene	27.53	276	1420	0.06	ng/ul#	71

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