

Quantitation Report (QT Reviewed)

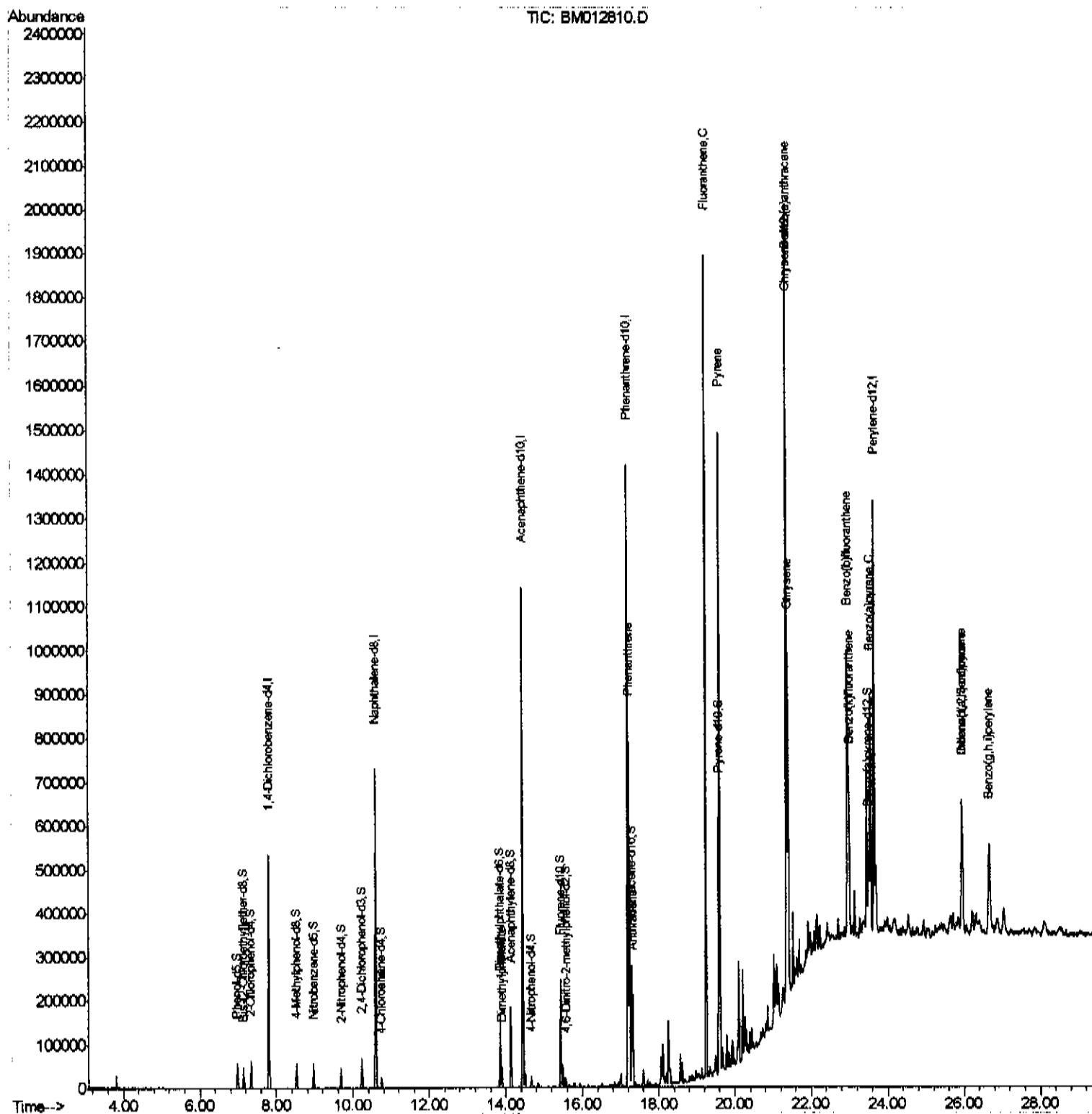
Data Path : Z:\HPCHEM1\BNA_M\Data\BM110717\
 Data File : BM012810.D
 Acq On : 07 Nov 2017 23:51
 Operator : SJ/JU
 Sample : I6164-01DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 ET0D1DL

Manual Integrations
 APPROVED

Sohil
 11/8/2017 5:38:35 PM

Quant Time: Nov 08 11:36:36 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 01:41:22 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

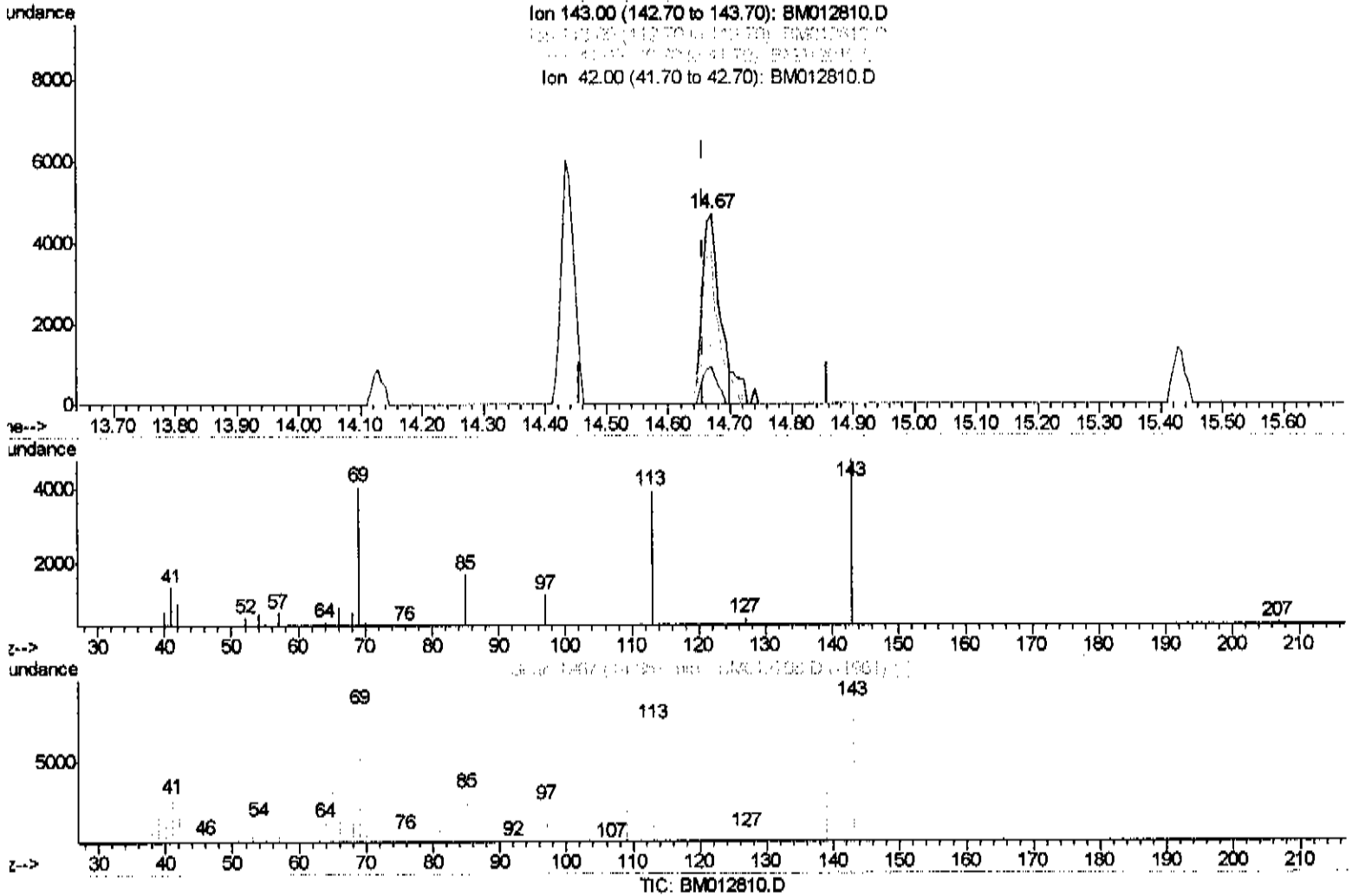
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Sohil
 11/8/2017 5:38:35 PM

Quant Time: Nov 08 11:30:08 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
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(51) 4-Nitrophenol-d4 (S)

14.669min (+0.012) 1.75ng/ul

response 8969

Ion	Exp%	Act%
143.00	100	100
113.00	75.10	82.71
41.00	28.80	28.62
42.00	19.10	19.18

Quantitation Report (Qedit)

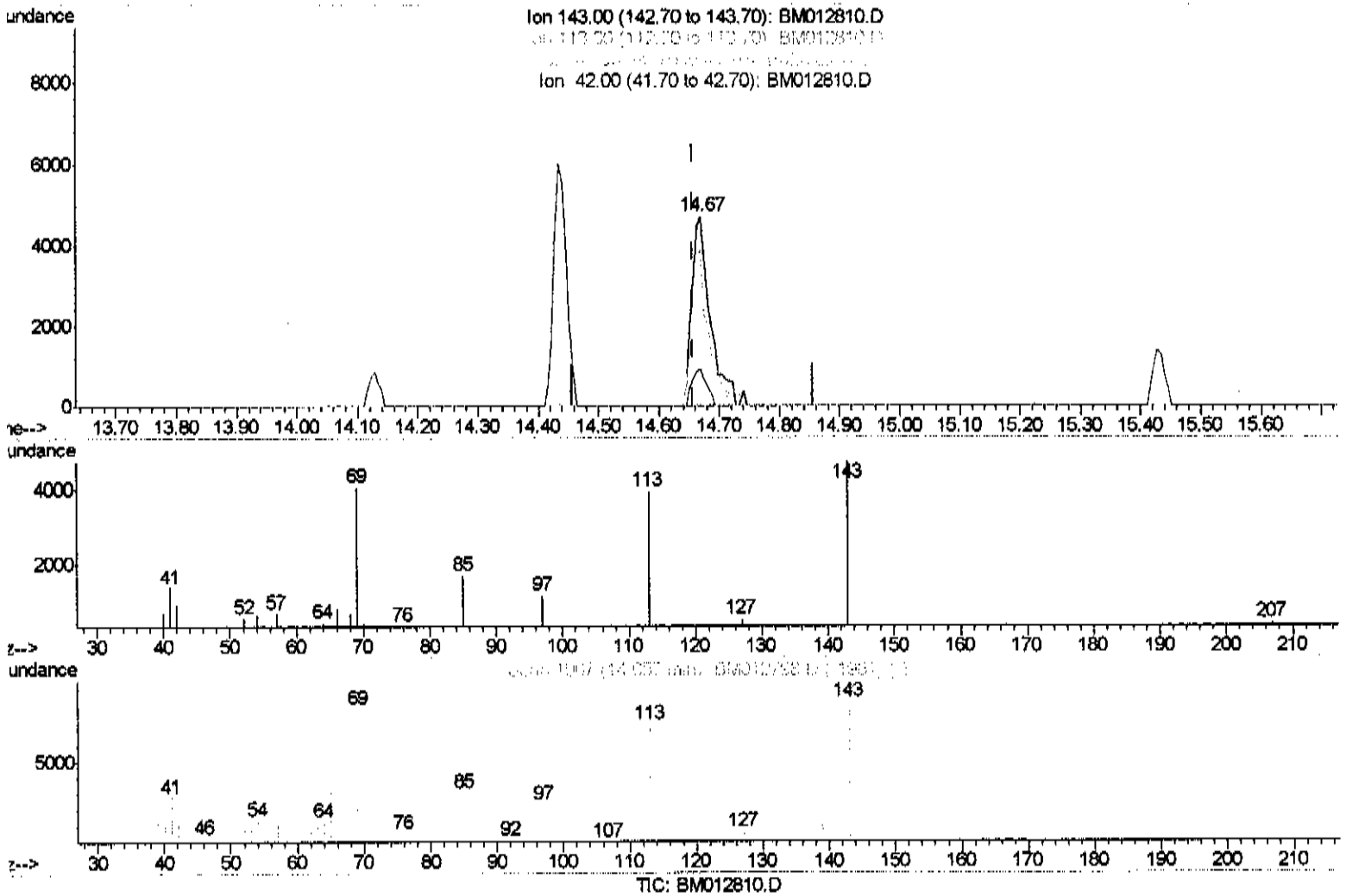
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(51) 4-Nitrophenol-d4 (S)

14.669min (+0.012) 1.93ng/ul m

SJ 11/08/17

response 9926

Ion	Exp%	Act%
143.00	100	100
113.00	75.10	82.71
41.00	28.80	28.62
42.00	19.10	19.18

Quantitation Report (Qedit)

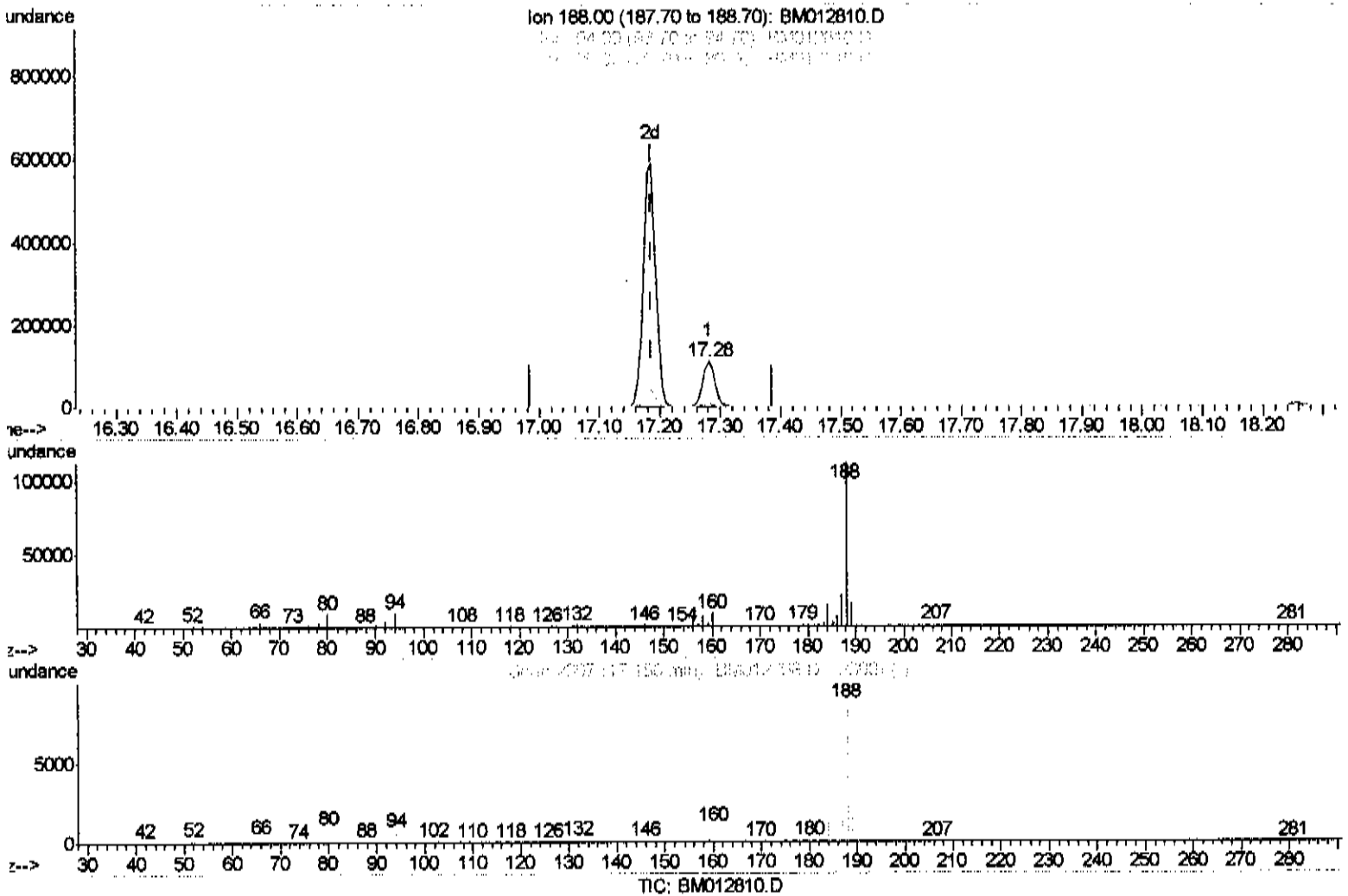
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(61) Phenanthrene-d10 (I)

17.280min (+0.094) 20.00ng/ul

response 151093

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	8.65
80.00	9.70	8.30
0.00	0.00	0.00

Quantitation Report (Qedit)

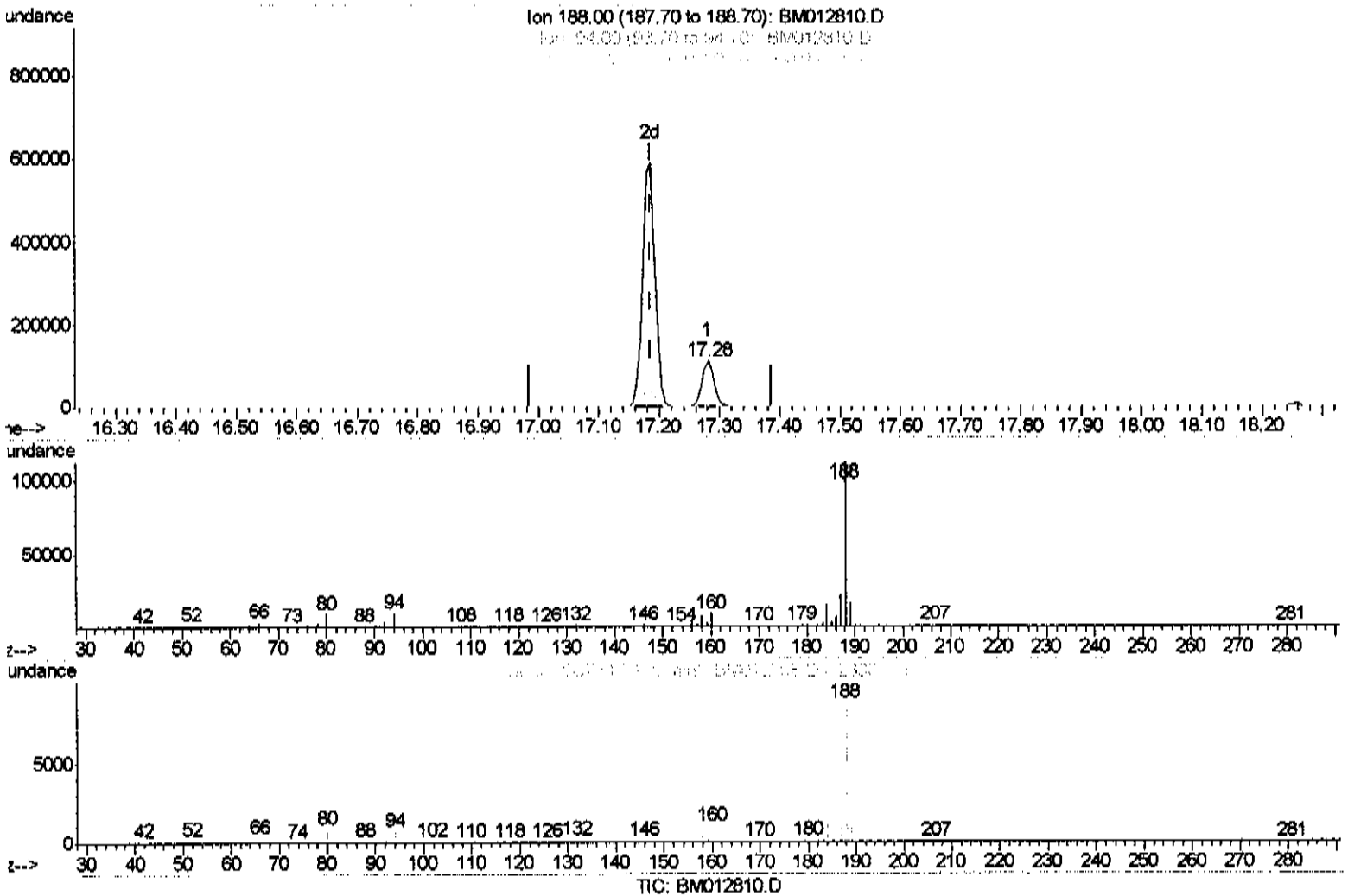
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80.00	9.70	8.30
0.00	0.00	0.00

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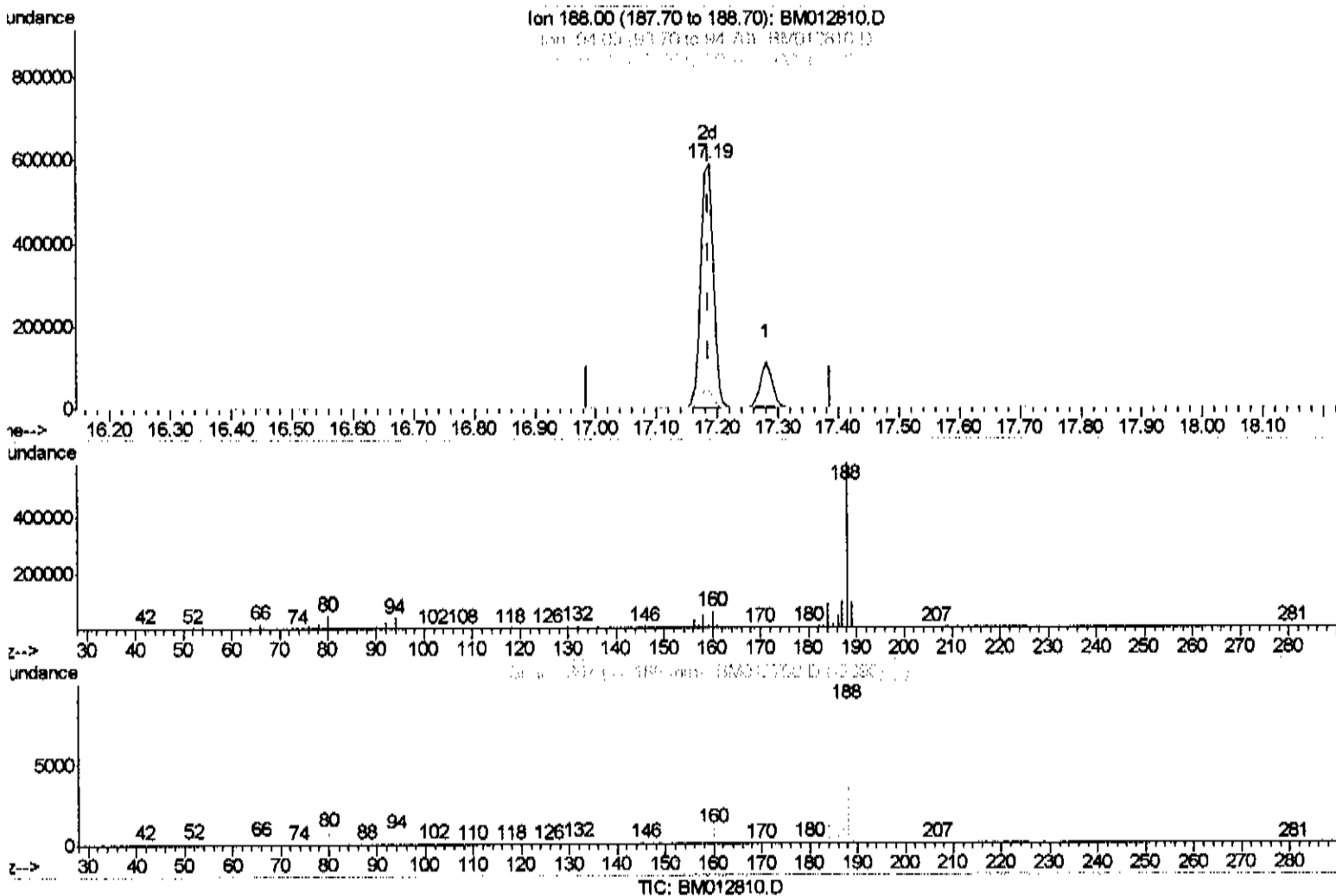
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(61) Phenanthrene-d10 (I)

17.186min (-0.000) 20.00ng/ul m

SJ 11/08/17

response 850567

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	6.82#
80.00	9.70	8.13
0.00	0.00	0.00

Quantitation Report (Qedit)

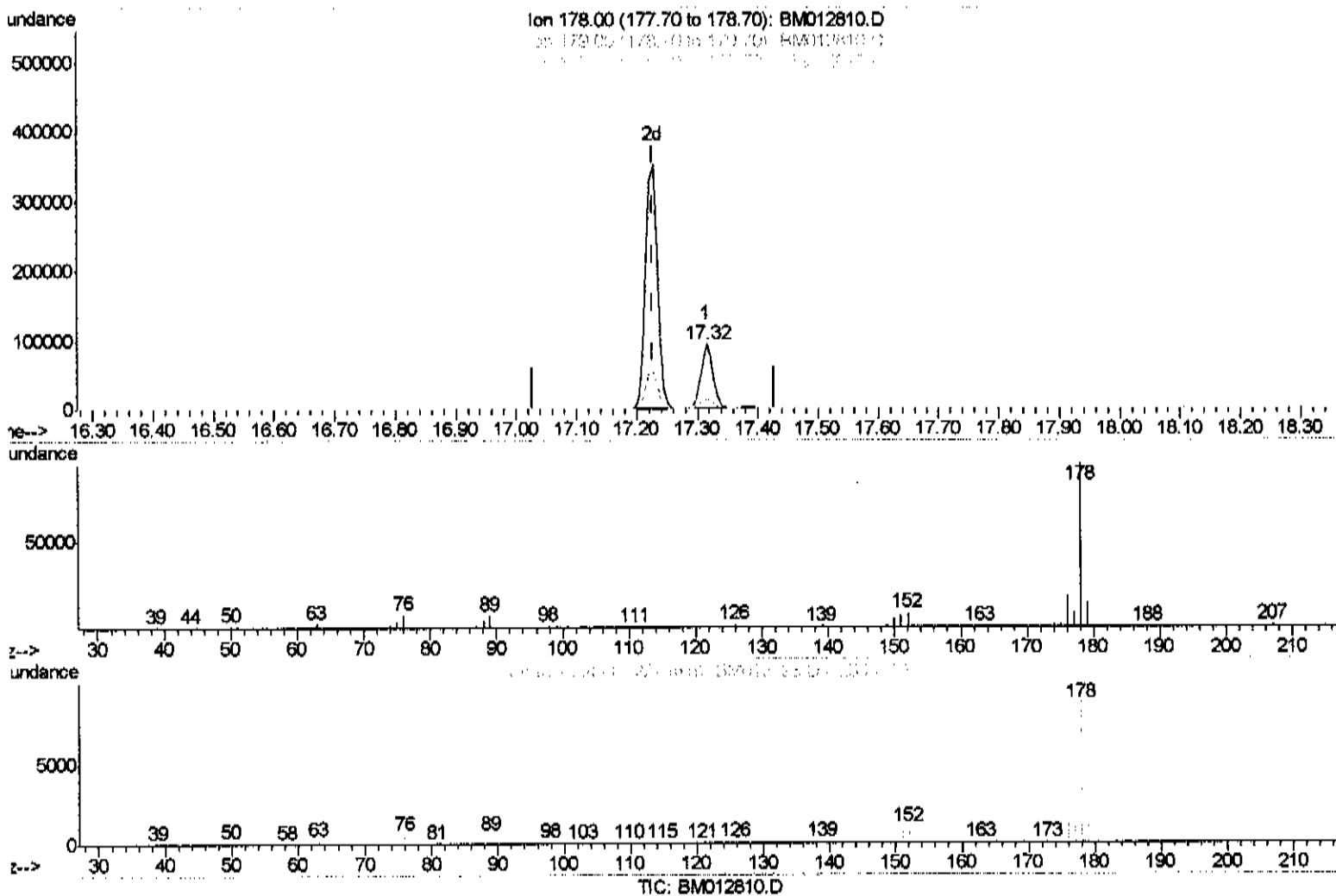
Data Path : Z:\HPCHEM1\BNA_M\Data\BM110717\
Data File : BM012810.D
Acq On : 07 Nov 2017 23:51
Operator : SJ/JU
Sample : I6164-01DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampled :
ET0D1DL

Manual Integrations
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Quant Time: Nov 08 11:34:58 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
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(69) Phenanthrene

17.315min (+0.088) 2.73ng/ui

response 126767

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.59
176.00	19.50	18.77
0.00	0.00	0.00

Quantitation Report (Qedit)

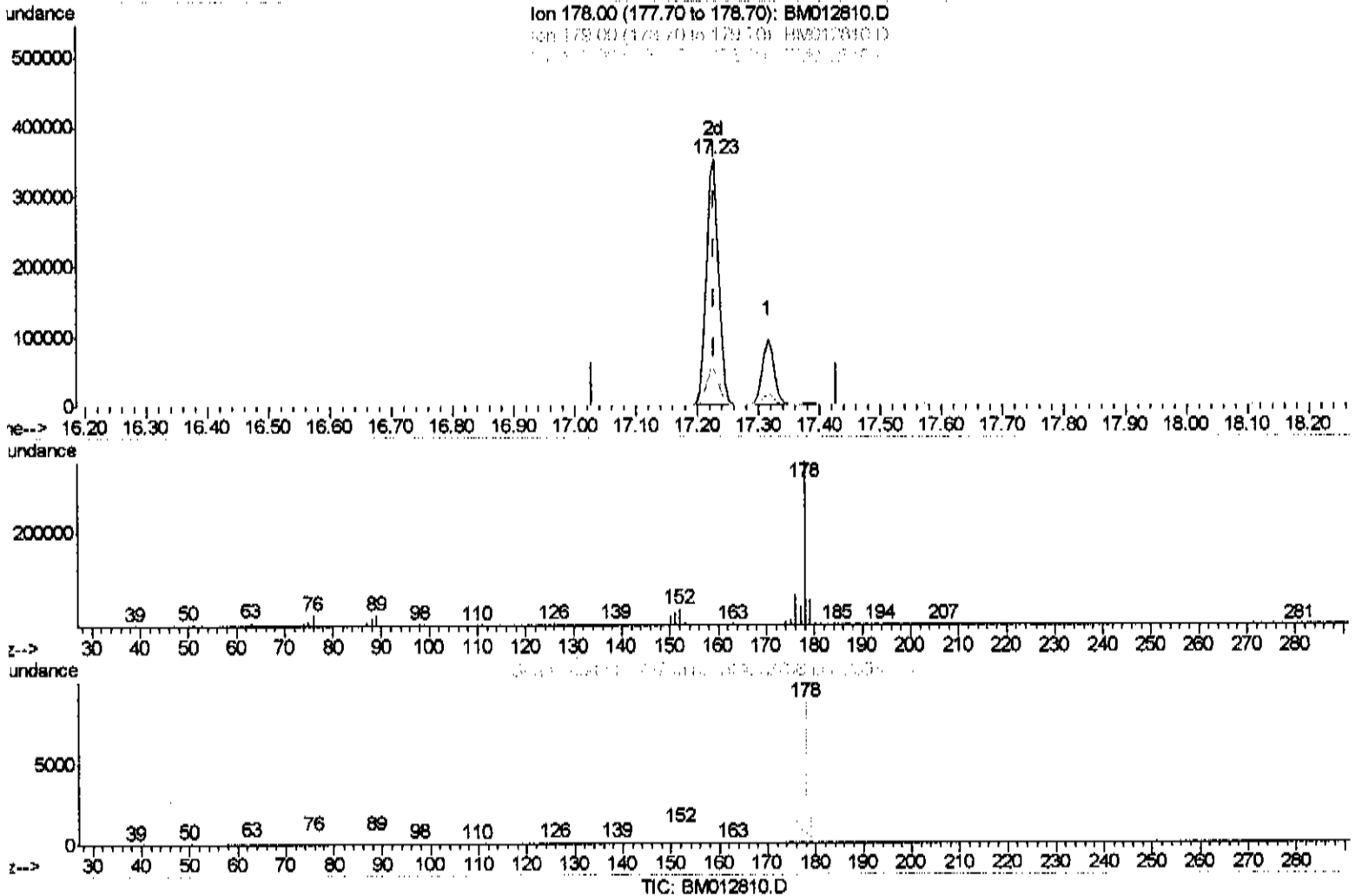
Data Path : Z:\HPCHEM1\BNA_M\Data\BM110717\
 Data File : BM012810.D
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 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

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(69) Phenanthrene

17.227min (-0.000) 10.48ng/ul m

SJ 11/08/17

response 487180

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.14
176.00	19.50	18.29
0.00	0.00	0.00

Quantitation Report (Qedit)

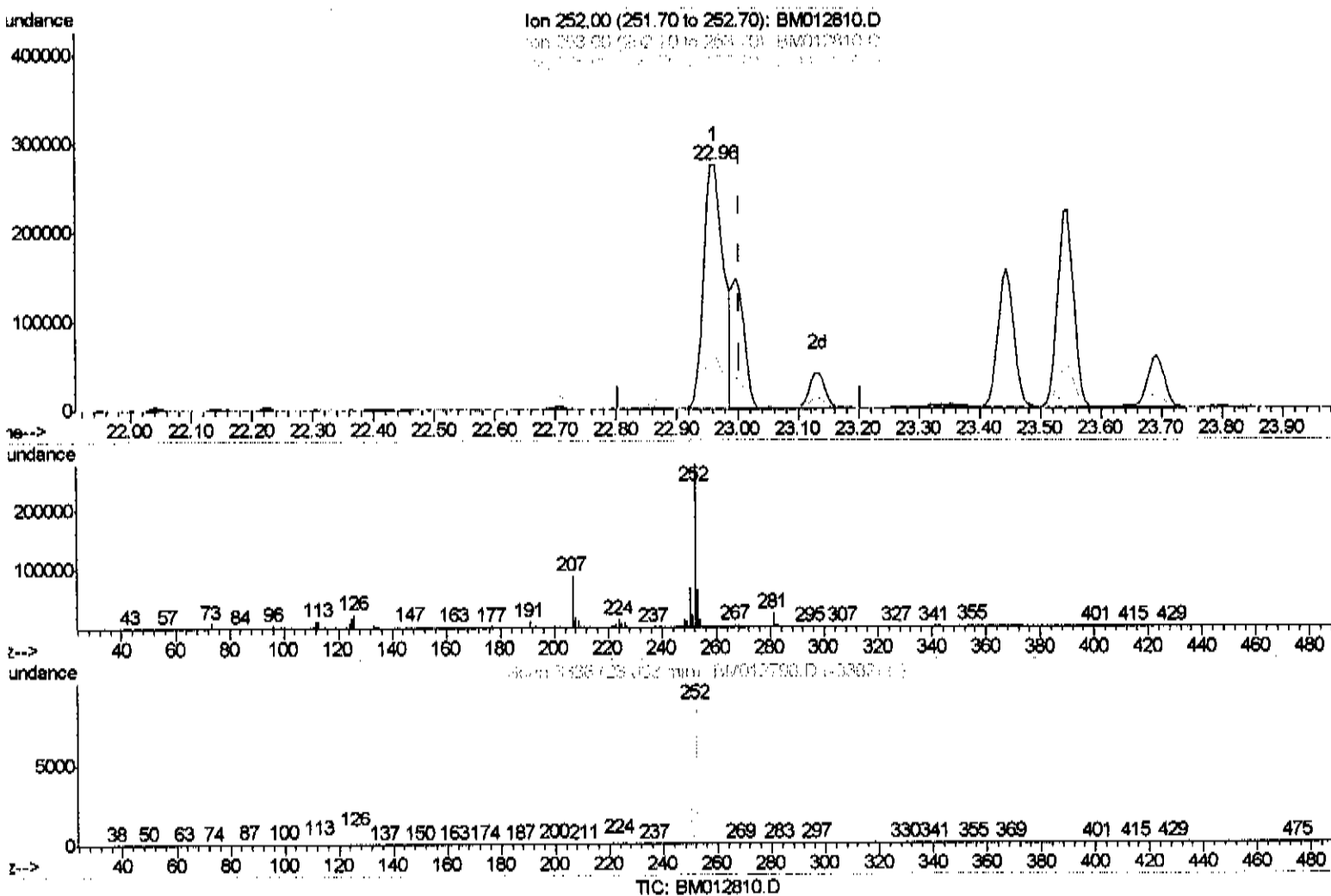
Data Path : Z:\HPCHEM1\BNA_M\Data\BM110717\
Data File : BM012810.D
Acq On : 07 Nov 2017 23:51
Operator : SJ/JU
Sample : I6164-01DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ET0D1DL

Manual Integrations
APPROVED

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(88) Benzo(k)fluoranthene

22.962min (-0.041) 14.17ng/ul

response 622240

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.88
125.00	10.20	6.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

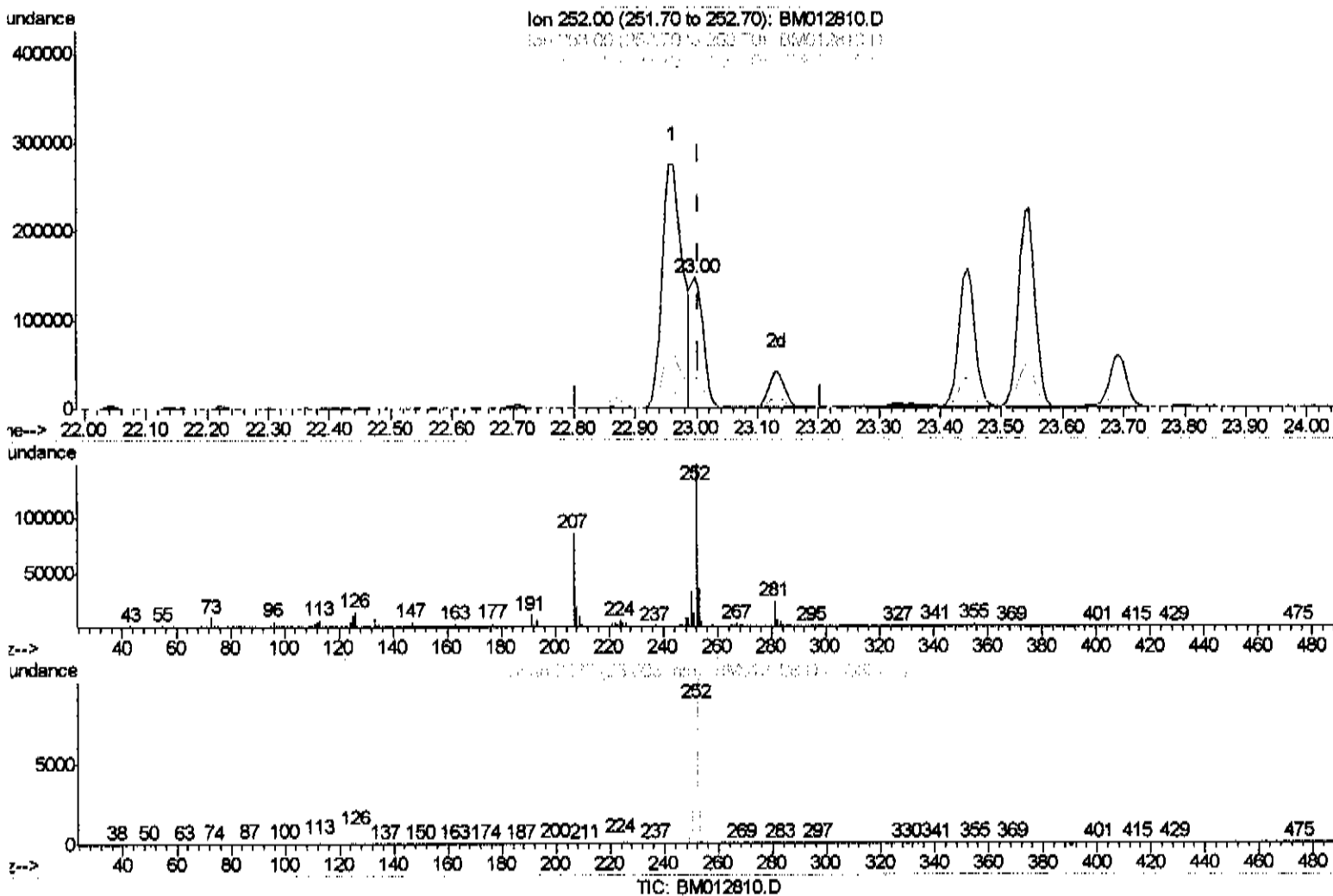
Data Path : Z:\HPCHEM1\BNA_M\Data\BM110717\
Data File : BM012810.D
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Operator : SJ/JU
Sample : I6164-01DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
ET0D1DL

Manual Integrations
APPROVED

Sohil
11/8/2017 5:38:35 PM

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(88) Benzo(k)fluoranthene

22.997min (-0.006) 4.91ng/ul m

SJ 11/08/17

response 215616

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	24.30
125.00	10.20	7.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

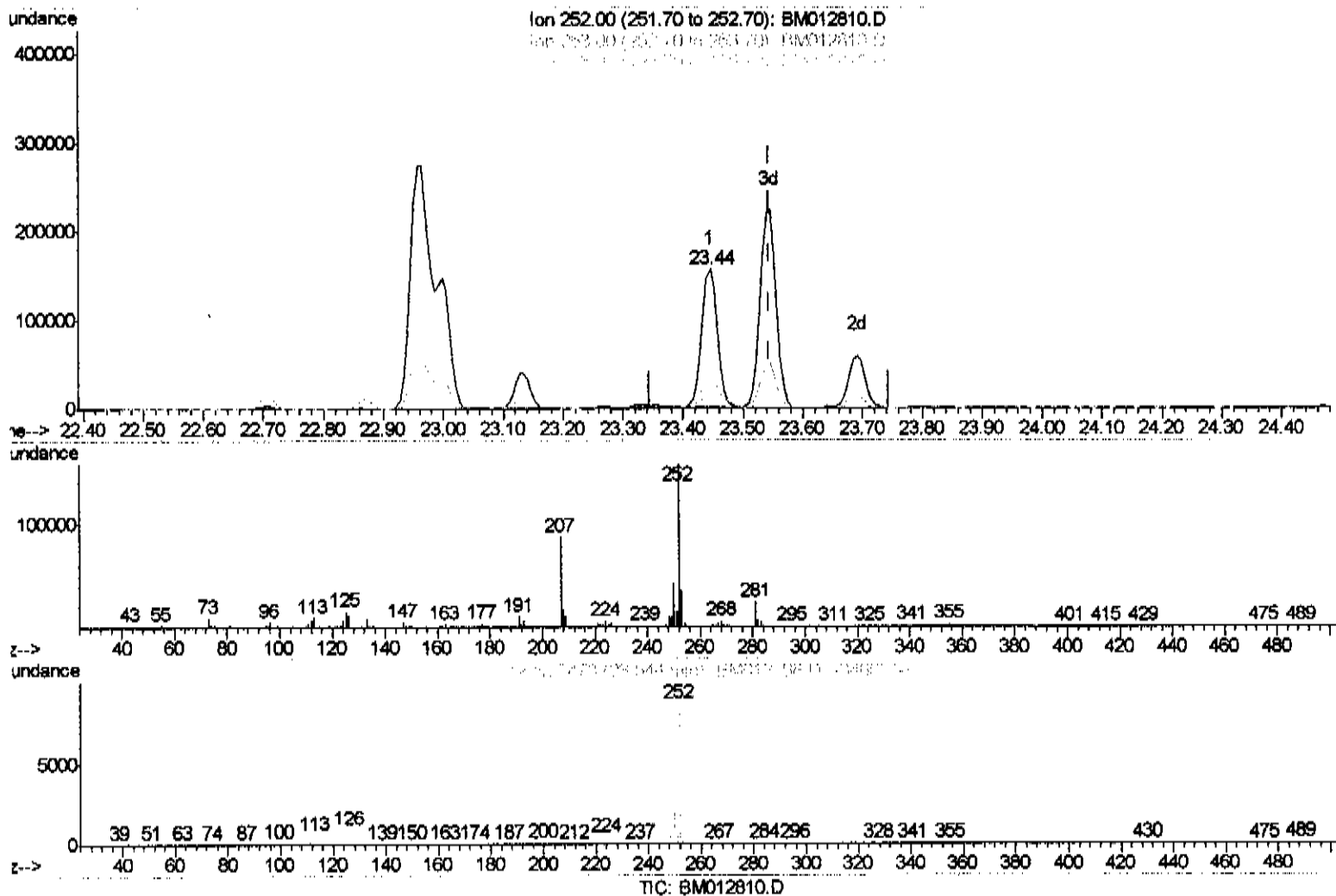
Data Path : Z:\HPCHEM1\BNA_M\Data\BM110717\
 Data File : BM012810.D
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 Operator : SJ/JU
 Sample : I6164-01DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
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(90) Benzo(a)pyrene (C)

23.444min (-0.100) 6.49ng/ui

response 285268

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.54
125.00	11.30	9.87
0.00	0.00	0.00

Quantitation Report (Qedit)

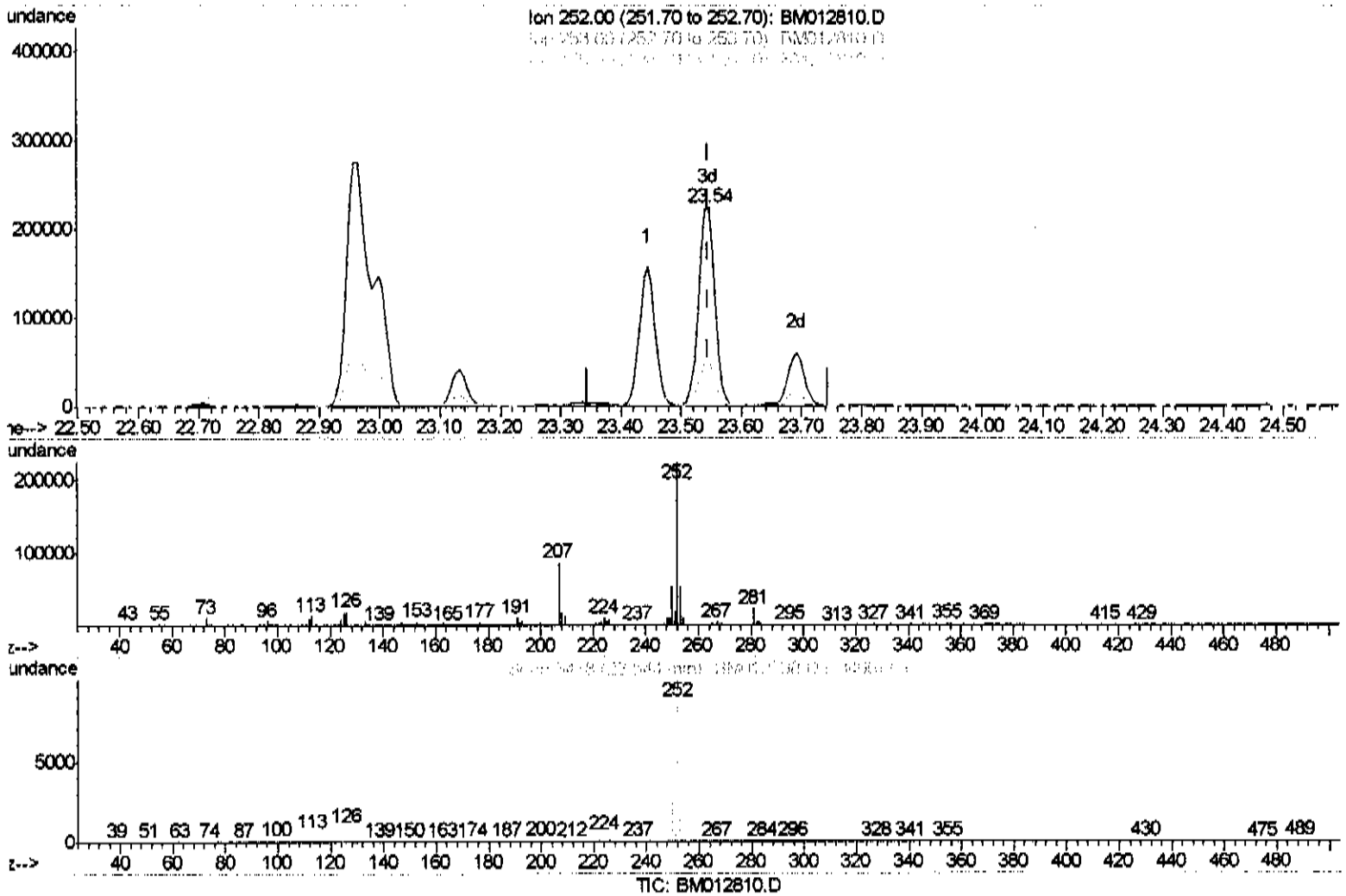
Data Path : Z:\HPCHEM1\BNA_M\Data\BM110717\
 Data File : BM012810.D
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 Operator : SJ/JU
 Sample : I6164-01DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
 APPROVED

Sohil
 11/8/2017 5:38:35 PM

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(90) Benzo(a)pyrene (C)

23.544min (-0.000) 9.52ng/ul m

SJ 11/08/17

response 418632

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.23
125.00	11.30	7.61#
0.00	0.00	0.00

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ClientSampleId :
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Disc :
ALS Vial : 25 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	148879	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	628483	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	386969	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	850567m	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	738491	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	756062	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	1788	0.65	ng/uL	0.00
5) Phenol-d5	6.97	99	35582	3.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	21452	3.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	32583	3.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	25616	2.68	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	15471	3.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	17709	3.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	34003	3.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	18638	1.77	ng/ul	0.01
43) Dimethylphthalate-d6	13.85	166	115588	3.61	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	135424	3.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	9926m	1.93	ng/ul	0.01
57) Fluorene-d10	15.43	176	101018	3.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	7250	1.29	ng/ul	0.00
70) Anthracene-d10	17.28	188	150912	3.67	ng/ul	0.00
78) Pyrene-d10	19.57	212	146286	4.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	130896	3.66	ng/ul	0.00

Target Compounds

					Qvalue	
44) Dimethylphthalate	13.89	163	33959	1.069	ng/ul#	98
69) Phenanthrene	17.23	178	487180m	10.479	ng/ul	~
71) Anthracene	17.32	178	126600	2.626	ng/ul	99
76) Fluoranthene	19.24	202	1169185	20.928	ng/ul	95
79) Pyrene	19.60	202	898975	20.403	ng/ul#	93
82) Benzo(a)anthracene	21.35	228	451345	10.100	ng/ul	99
84) Chrysene	21.40	228	448655	11.078	ng/ul	97
87) Benzo(b)fluoranthene	22.96	252	622240	13.467	ng/ul#	95
88) Benzo(k)fluoranthene	23.00	252	215616m	4.910	ng/ul	95
90) Benzo(a)pyrene	23.54	252	418632m	9.522	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.94	276	324204	6.119	ng/ul#	85
92) Dibenzo(a,h)anthracene	25.95	278	76849	1.713	ng/ul#	80
93) Benzo(g,h,i)perylene	26.66	276	277928	6.365	ng/ul#	90

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