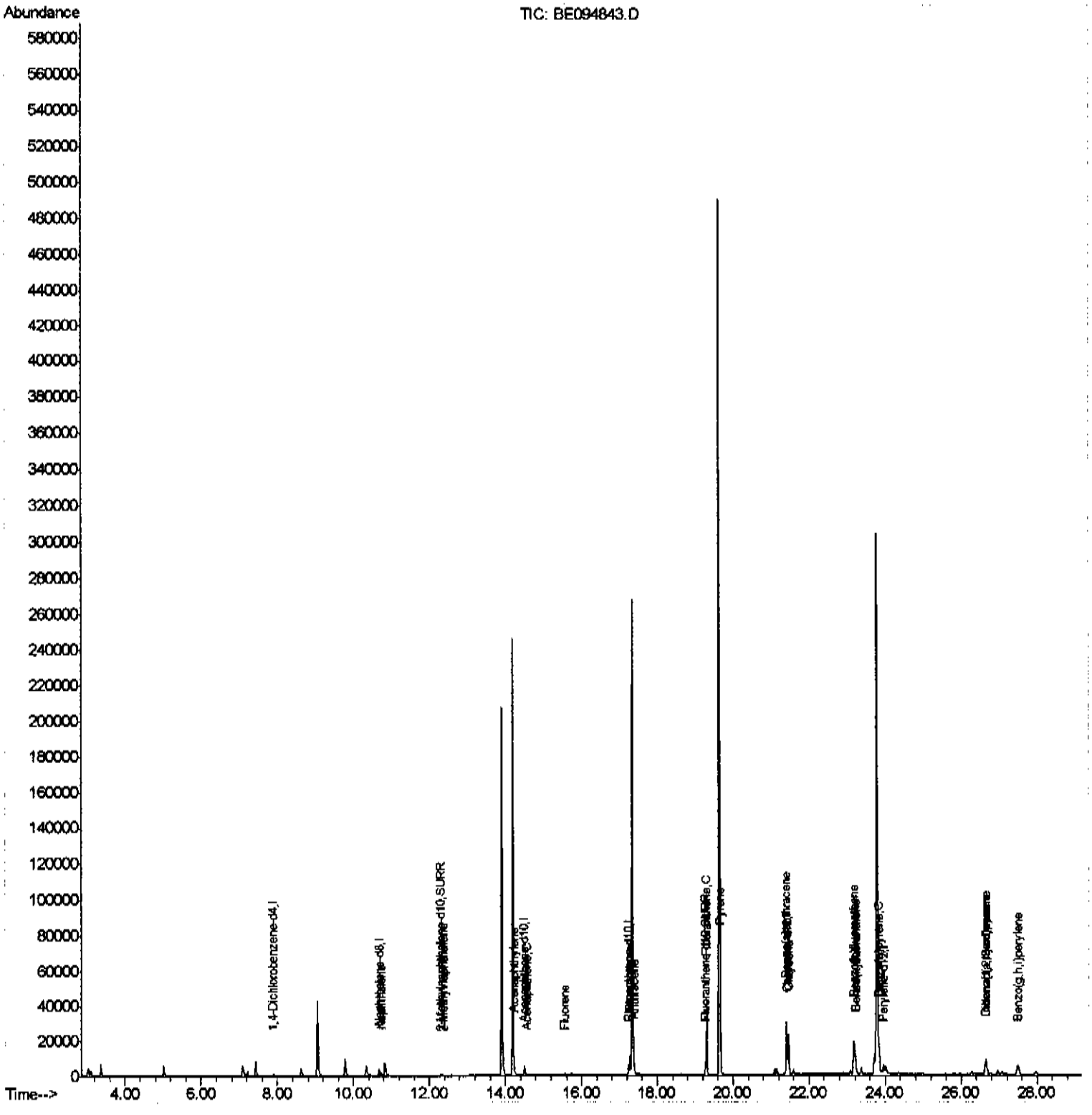
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094843.D
Acq On : 22 Nov 2017 21:53
Operator : SJ/JU
Sample : I6496-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 23 03:07:30 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

Instrument :
BNA_E
ClientSampleId :
C0AA2

Manual Integrations APPROVED
Sohil
11/27/2017 3:25:43 PM



Quantitation Report (Qedit)

Instrument :
BNA_E
ClientSampleId :
C0AA2

Manual Integrations APPROVED
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Misc :
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Quant Time: Nov 23 02:51:44 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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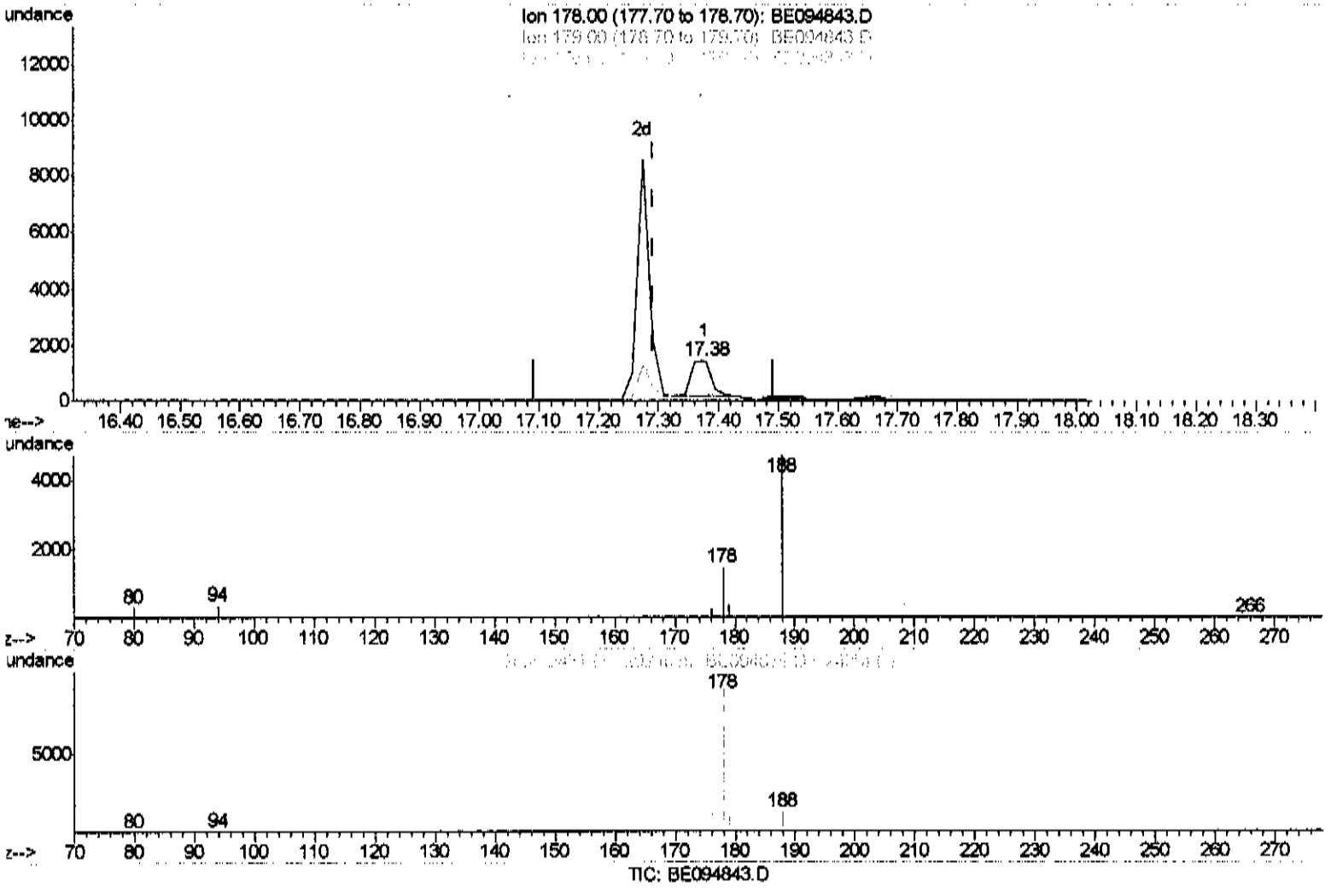

(12) Phenanthrene

17.377min (+0.085) 0.15ng/ul

response 2955

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	27.12
176.00	17.00	18.44
0.00	0.00	0.00

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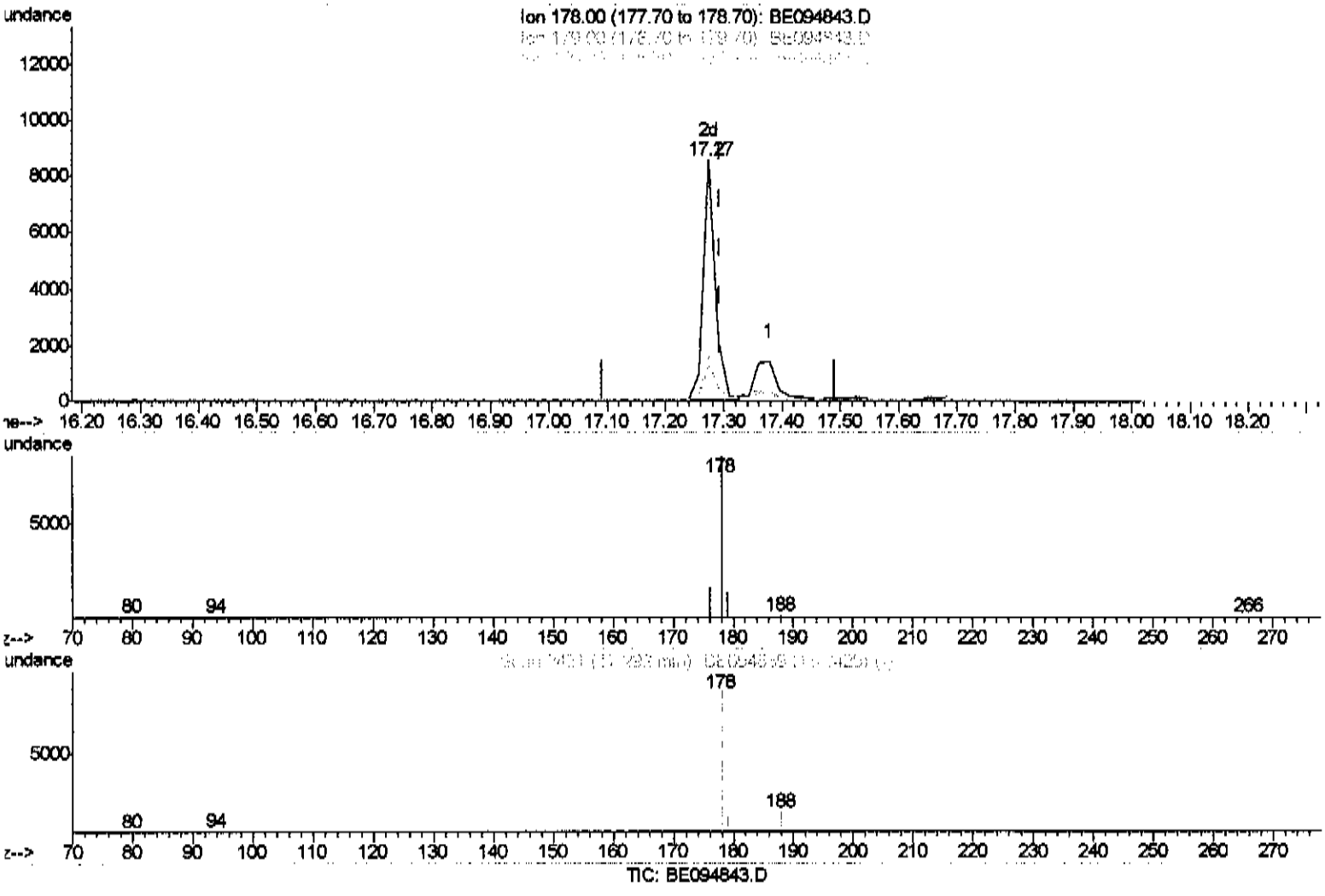

(12) Phenanthrene

17.273min (-0.018) 0.64ng/ul m SJ 11/27/17

response 12422

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	15.22#
176.00	17.00	19.05
0.00	0.00	0.00

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BNA_E
ClientSampleId :
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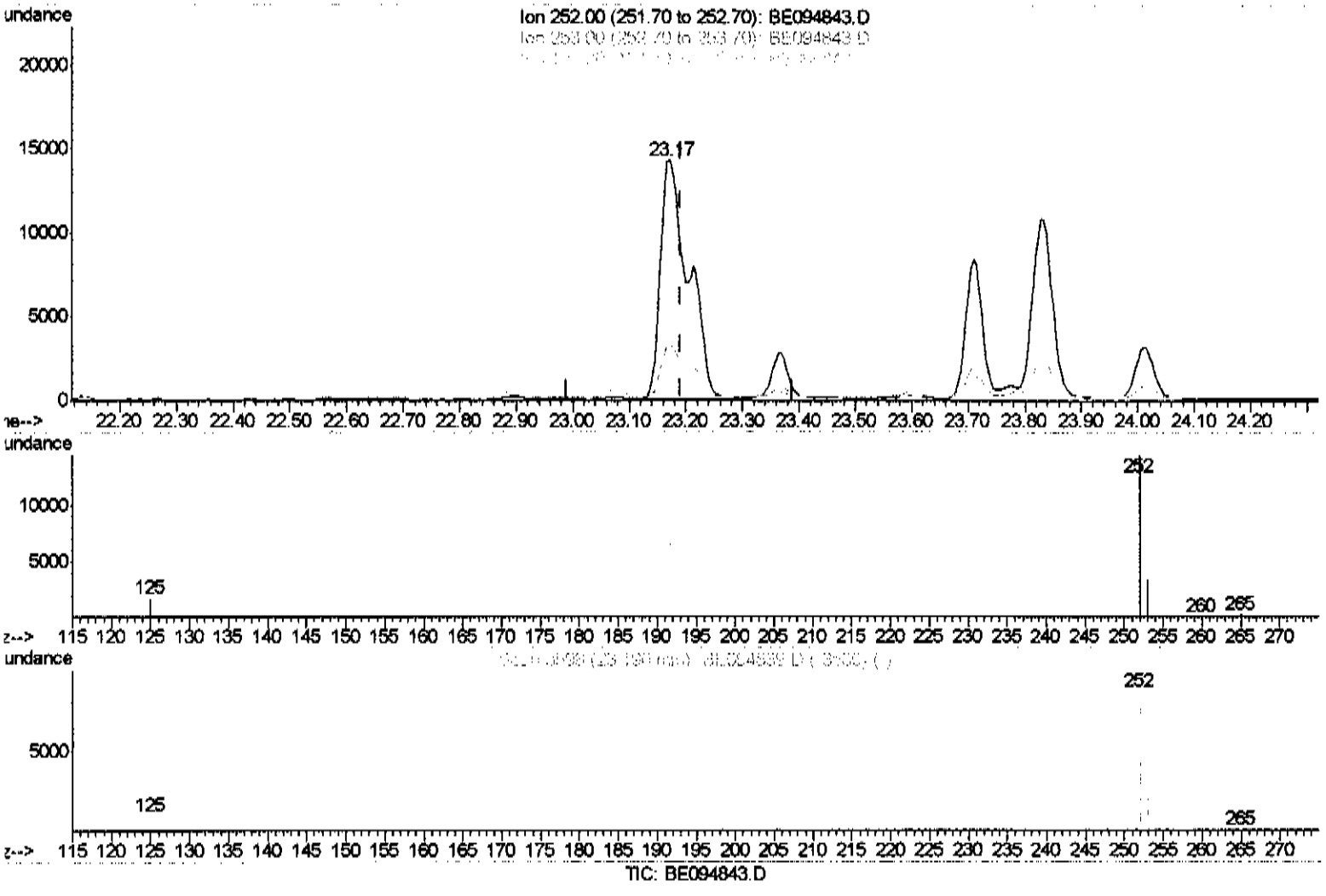
Manual Integrations APPROVED
Sohil
11/27/2017 3:25:43 PM



(21) Benzo(b)fluoranthene

23.172min (-0.018) 1.89ng/ul

response 48398

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.64
125.00	17.50	11.74
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument :
BNA_E
ClientSampleId :
C0AA2

Manual Integrations APPROVED
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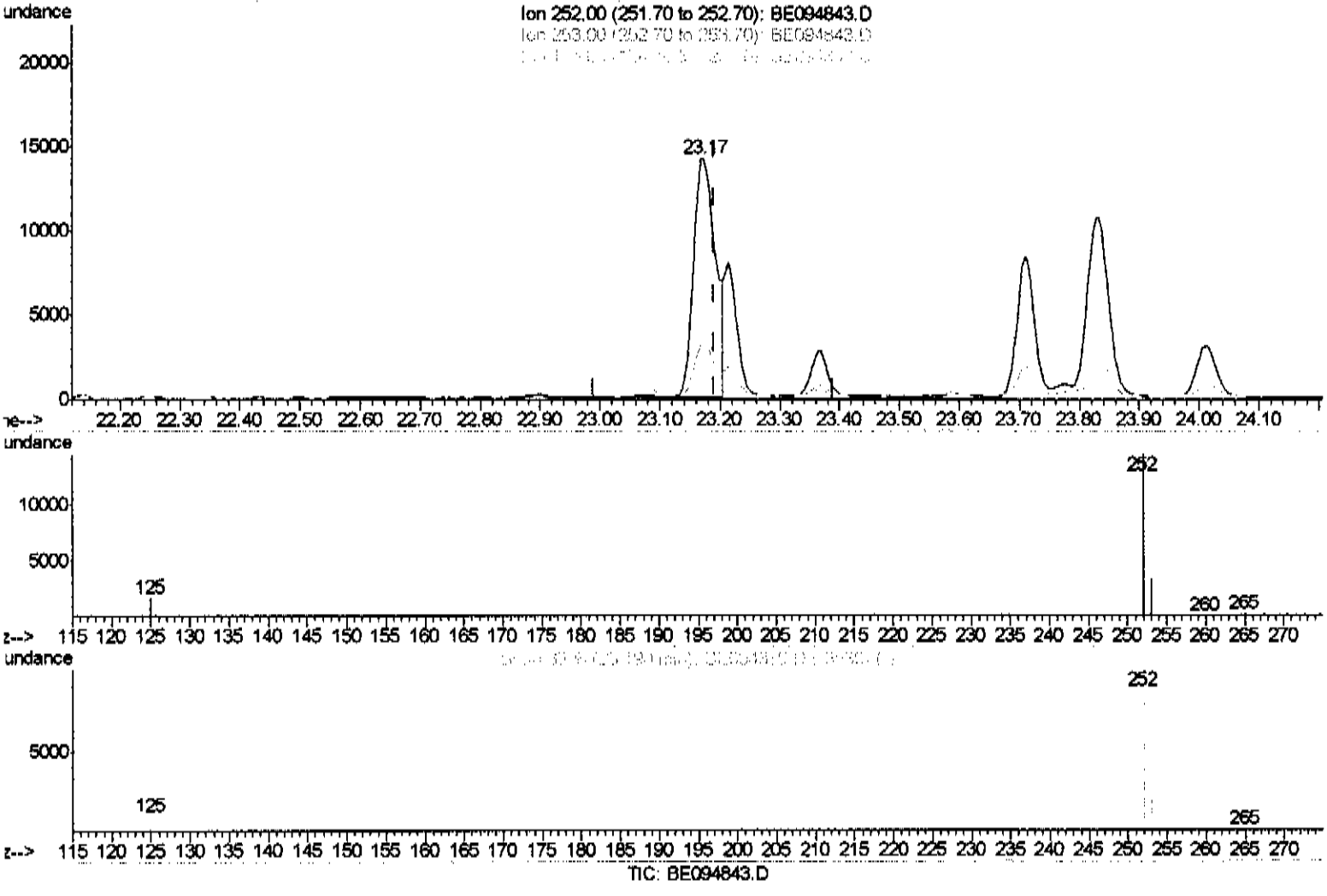

(21) Benzo(b)fluoranthene

23.172min (-0.018) 1.44ng/ul m JU 11/27/17

response 36692

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.64
125.00	17.50	11.74
0.00	0.00	0.00

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BNA_E
ClientSampleId :
C0AA2

Manual Integrations APPROVED
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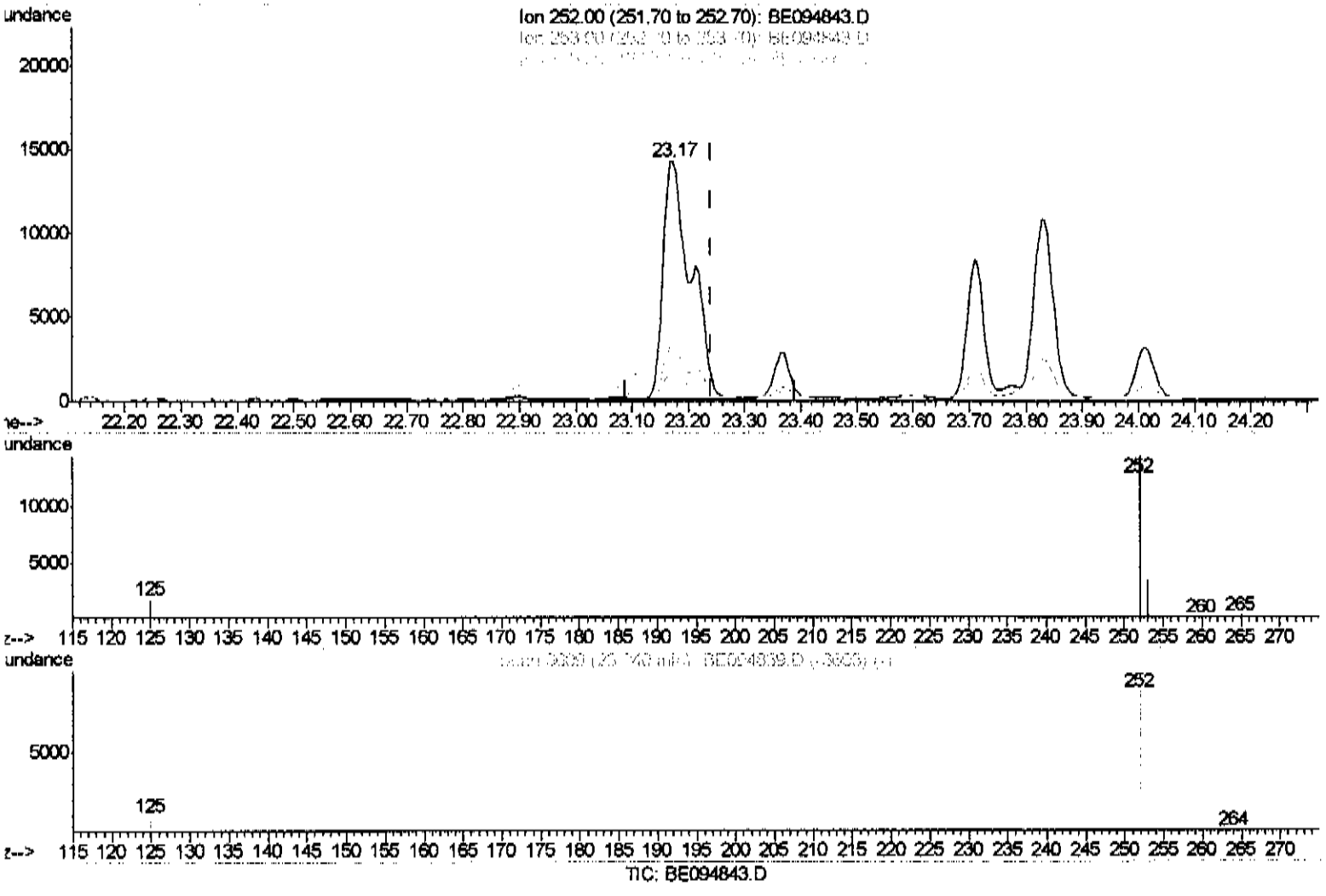
11/27/2017 3:25:43 PM



(22) Benzo(k)fluoranthene

23.172min (-0.068) 1.78ng/ul

response 48384

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.64#
125.00	17.10	11.74#
0.00	0.00	0.00

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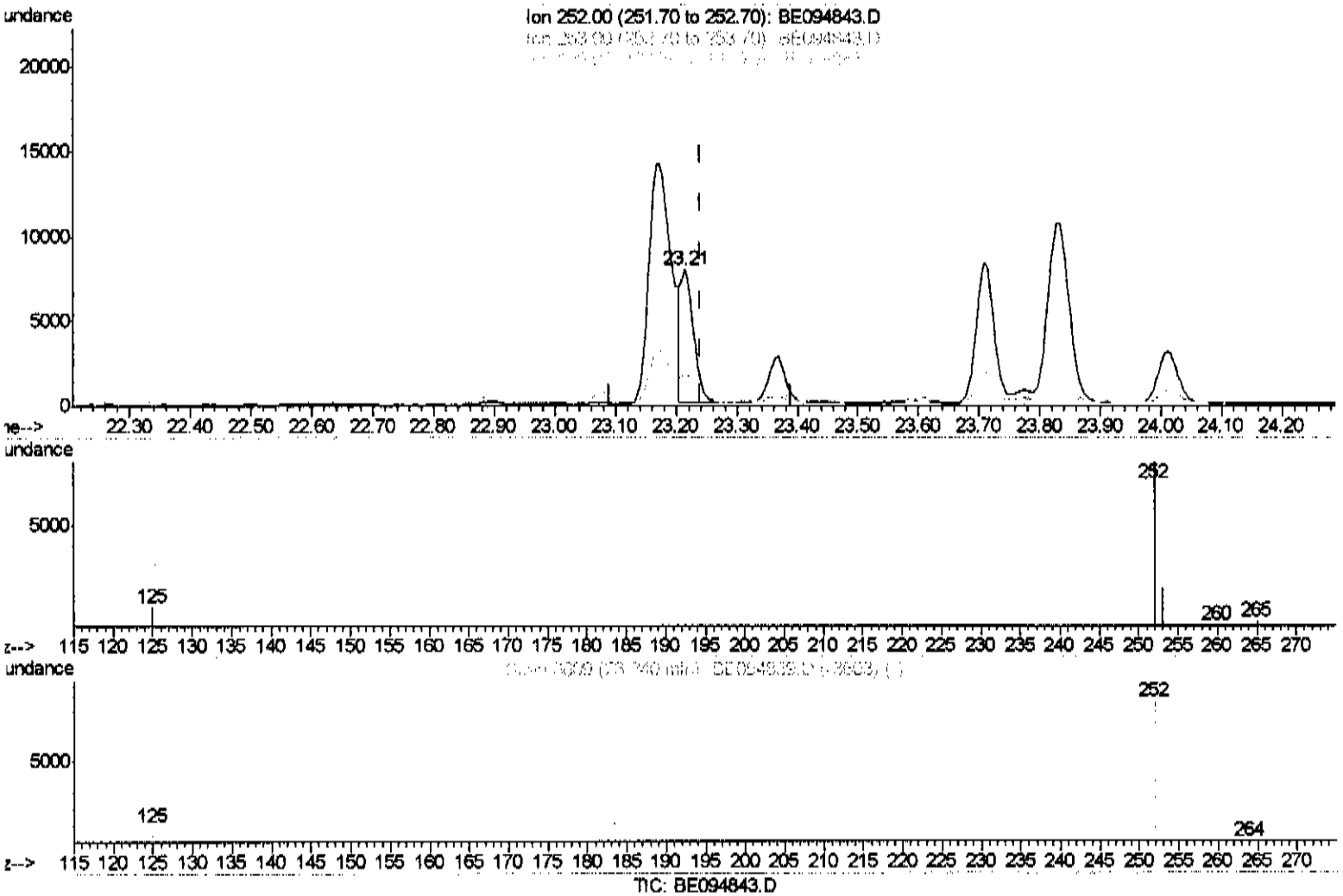
BNA_E
ClientSampleId :
C0AA2

Manual Integrations APPROVED
Sohil
11/27/2017 3:25:43 PM



(22) Benzo(k)fluoranthene

23.213min (-0.027) 0.42ng/ul m JV 11/27/17

response 11446

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.98#
125.00	17.10	12.37#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument : BNA_E
ClientSampleId : C0AA2

Manual Integrations APPROVED
Sohil
11/27/2017 3:25:43 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	633	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.68	136	4285	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.50	164	3086	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	7200	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	7706	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	8583	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	1775	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	6225	0.25	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.72	128	2223	0.22	ng/ul#	95
5) 2-Methylnaphthalene	12.37	142	274	0.04	ng/ul	98
7) Acenaphthylene	14.23	152	1396	0.10	ng/ul#	89
8) Acenaphthene	14.56	153	376	0.04	ng/ul#	88
9) Fluorene	15.55	166	682	0.06	ng/ul#	84
12) Phenanthrene	17.27	178	12422m	0.64	ng/ul	
13) Anthracene	17.38	178	3461	0.18	ng/ul	95
15) Fluoranthene	19.30	202	48359	1.91	ng/ul	84
17) Pyrene	19.66	202	45963	1.91	ng/ul#	79
18) Benzo(a)anthracene	21.40	228	28211	1.20	ng/ul#	89
19) Chrysene	21.45	228	25039	1.07	ng/ul	98
21) Benzo(b)fluoranthene	23.17	252	36692m	1.44	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	11446m	0.42	ng/ul	
23) Benzo(a)pyrene	23.83	252	26548	1.04	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.65	276	17408	0.63	ng/ul#	72
25) Dibenzo(a,h)anthracene	26.64	278	4290	0.18	ng/ul	96
26) Benzo(g,h,i)perylene	27.49	276	14462	0.62	ng/ul	95

JU 11/27/17

JU 11/27/17

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