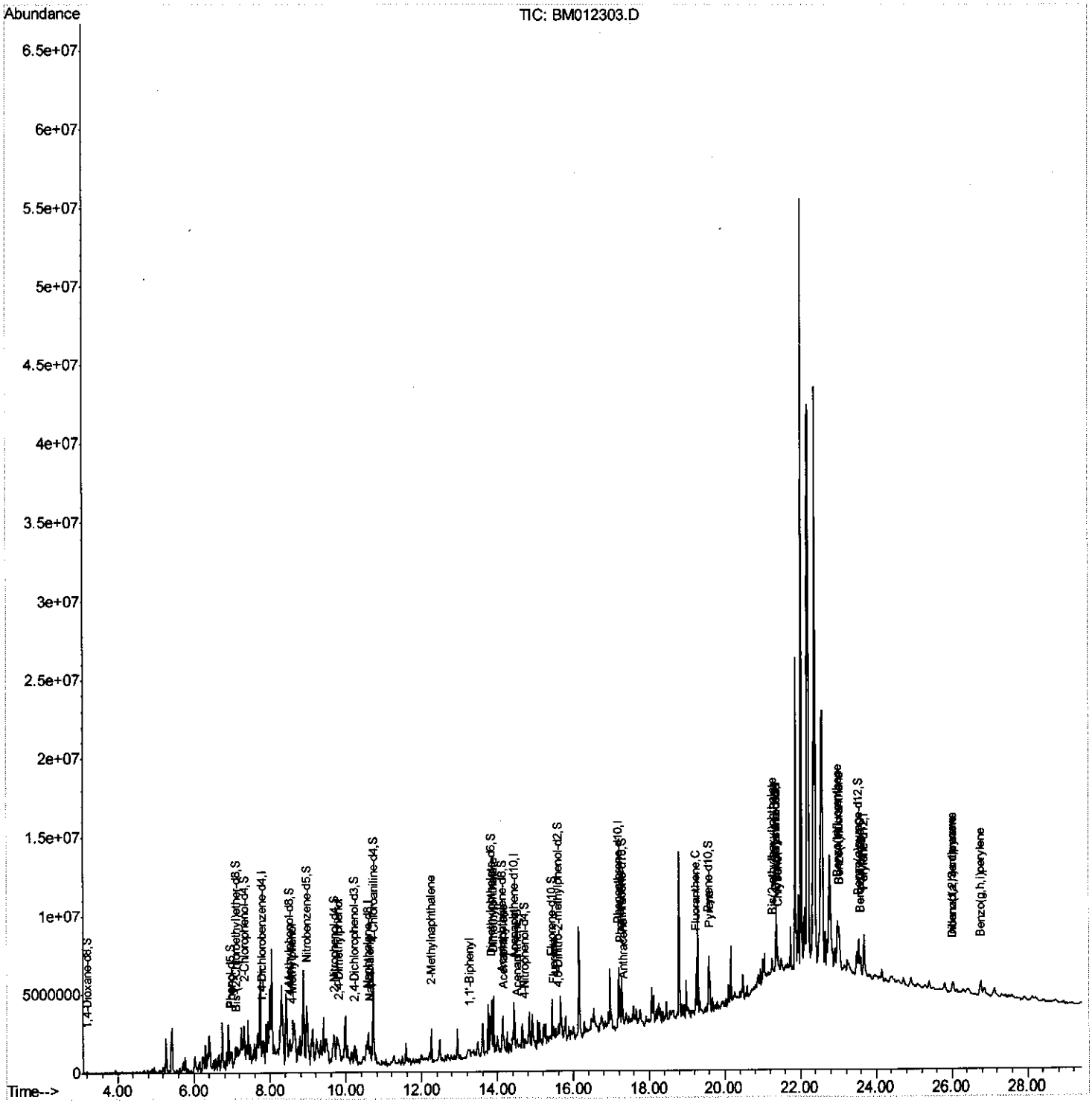
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 19 15:27:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-34(0-1)-100617

Manual Integrations APPROVED
Sohil
10/23/2017 3:49:57 PM



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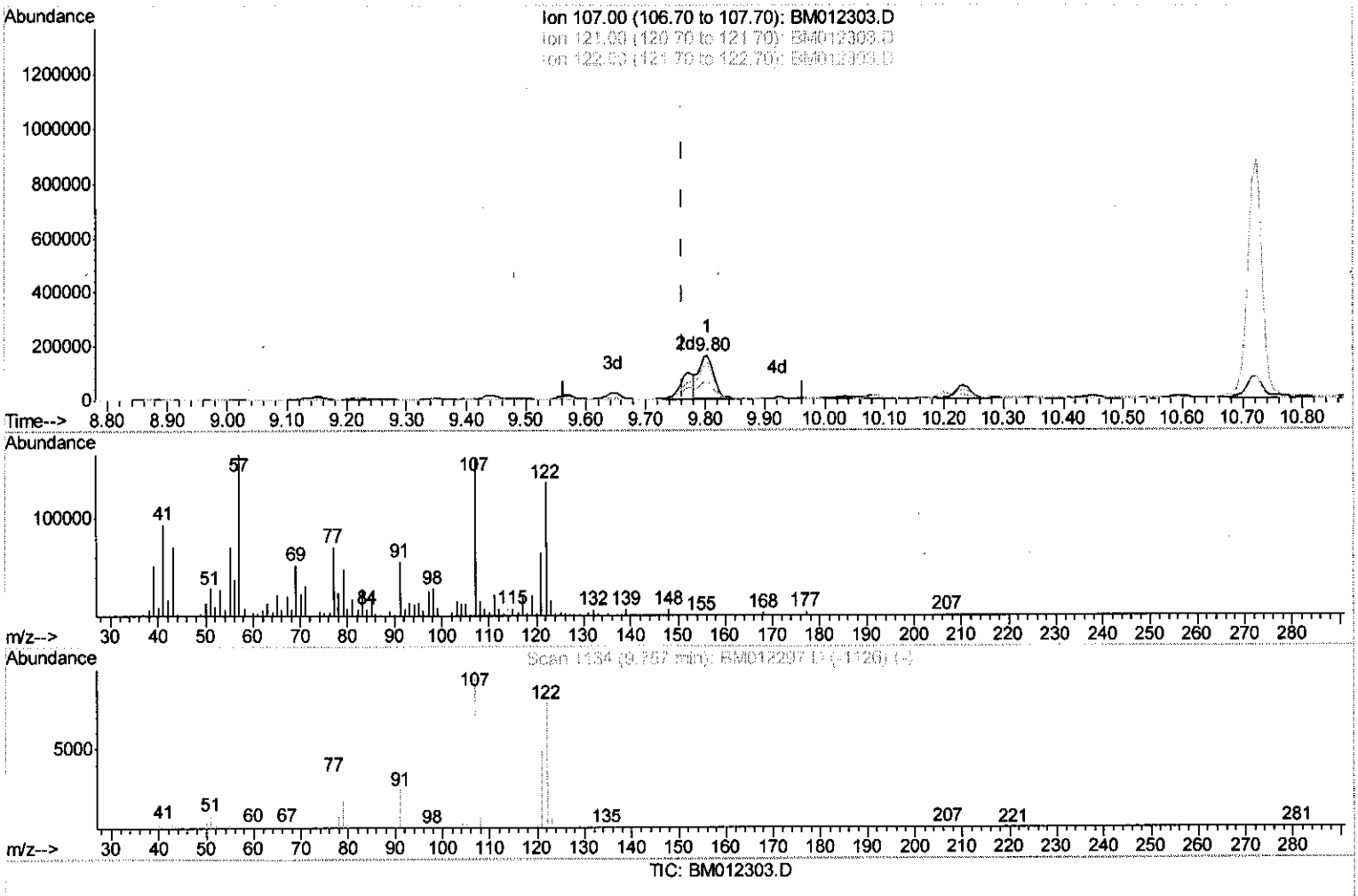

TIC: BM012303.D

(24) 2,4-Dimethylphenol

9.804min (+0.041) 10.18ng/ul

response 277234

Ion	Exp%	Act%
107.00	100	100
121.00	49.80	40.29
122.00	80.50	84.09
0.00	0.00	0.00

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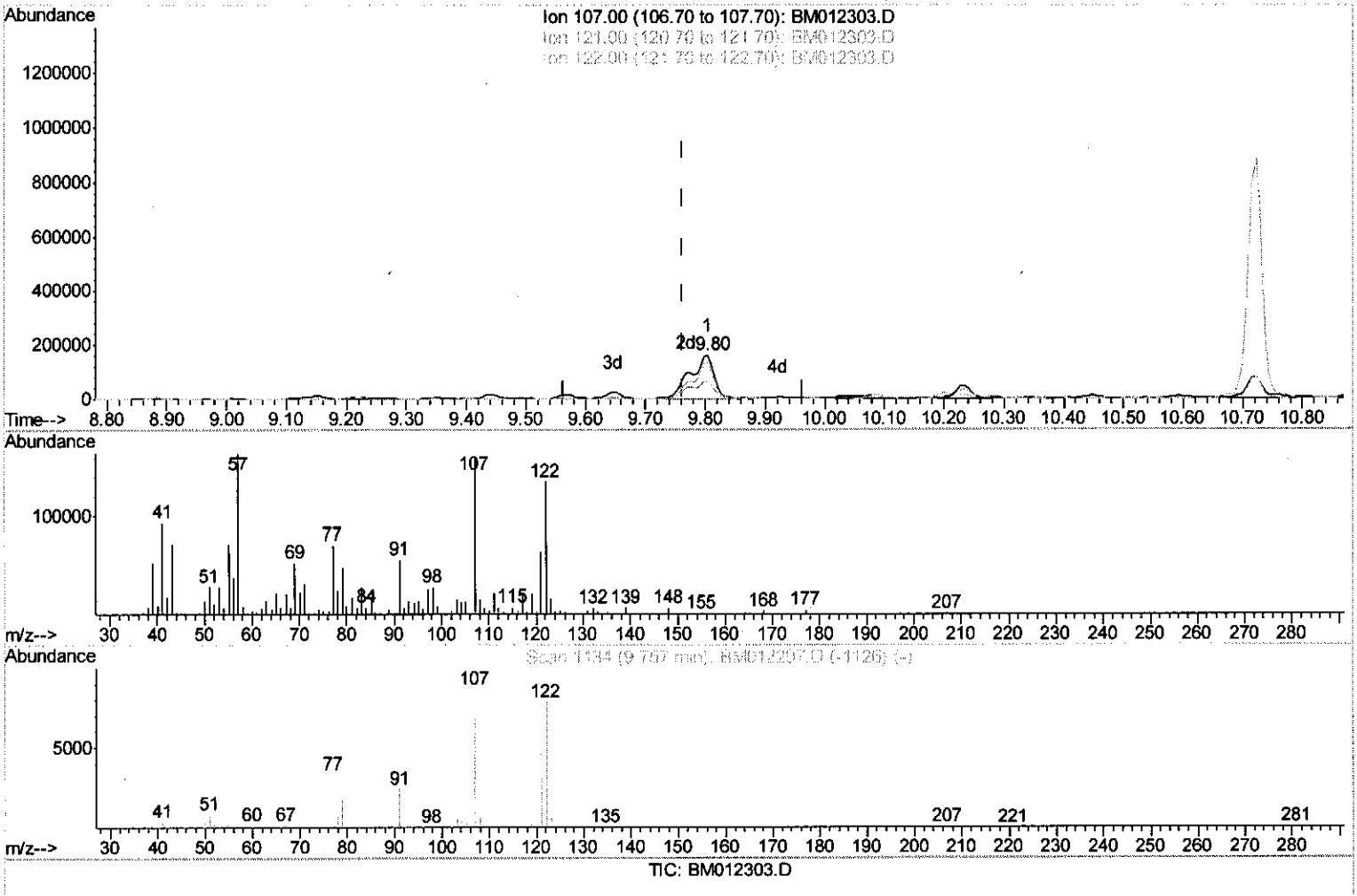

TIC: BM012303.D

(24) 2,4-Dimethylphenol

9.804min (+0.041) 16.55ng/ul m JU 10/24/17

response 450718

Ion	Exp%	Act%
107.00	100	100
121.00	49.80	40.29
122.00	80.50	84.09
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
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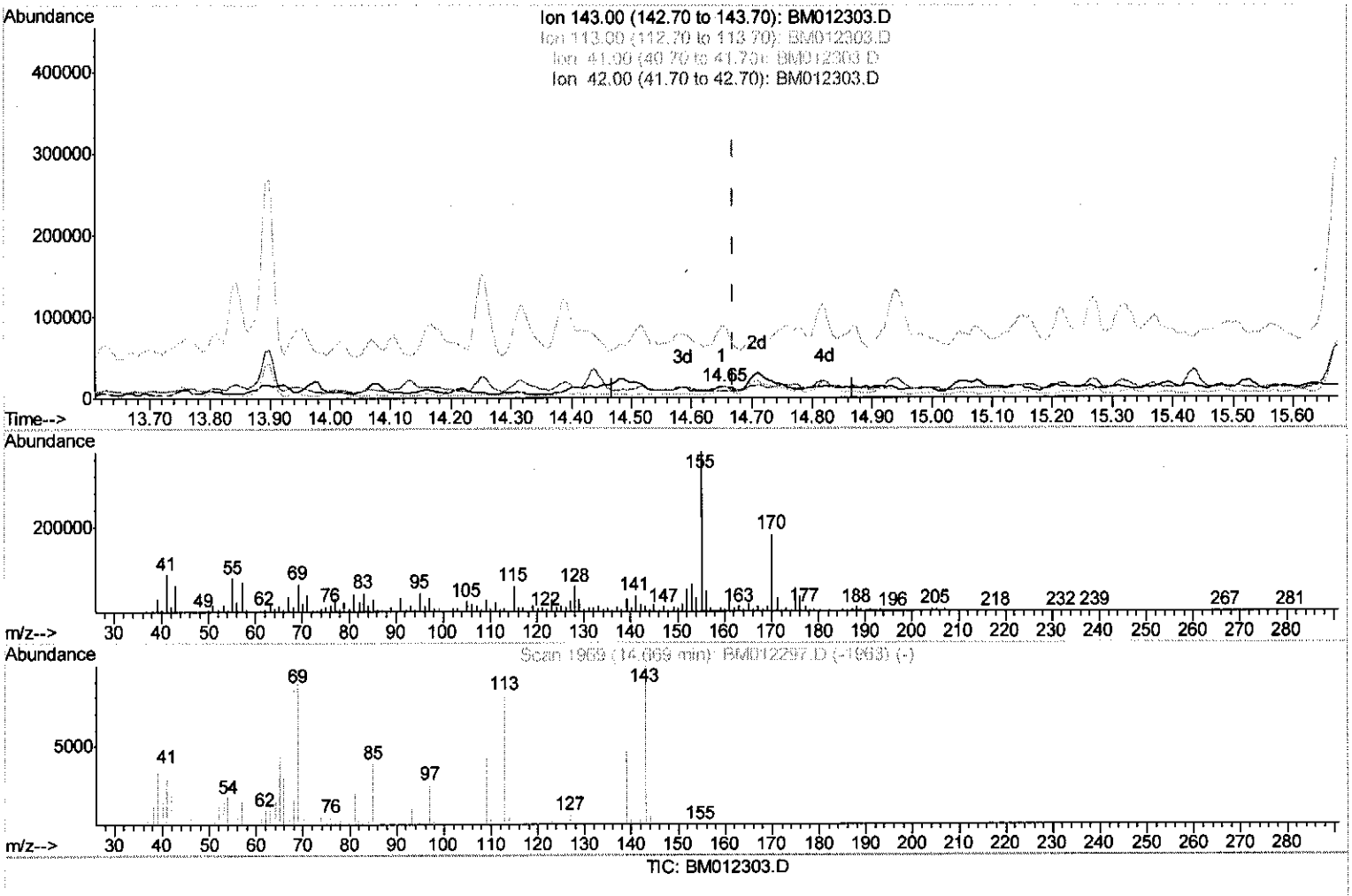

TIC: BM012303.D

(51) 4-Nitrophenol-d4 (S)

14.651min (-0.018) 1.06ng/ul

response 12625

Ion	Exp%	Act%
143.00	100	100
113.00	81.80	62.85#
41.00	40.00	629.09#
42.00	25.70	95.05#

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Sohil
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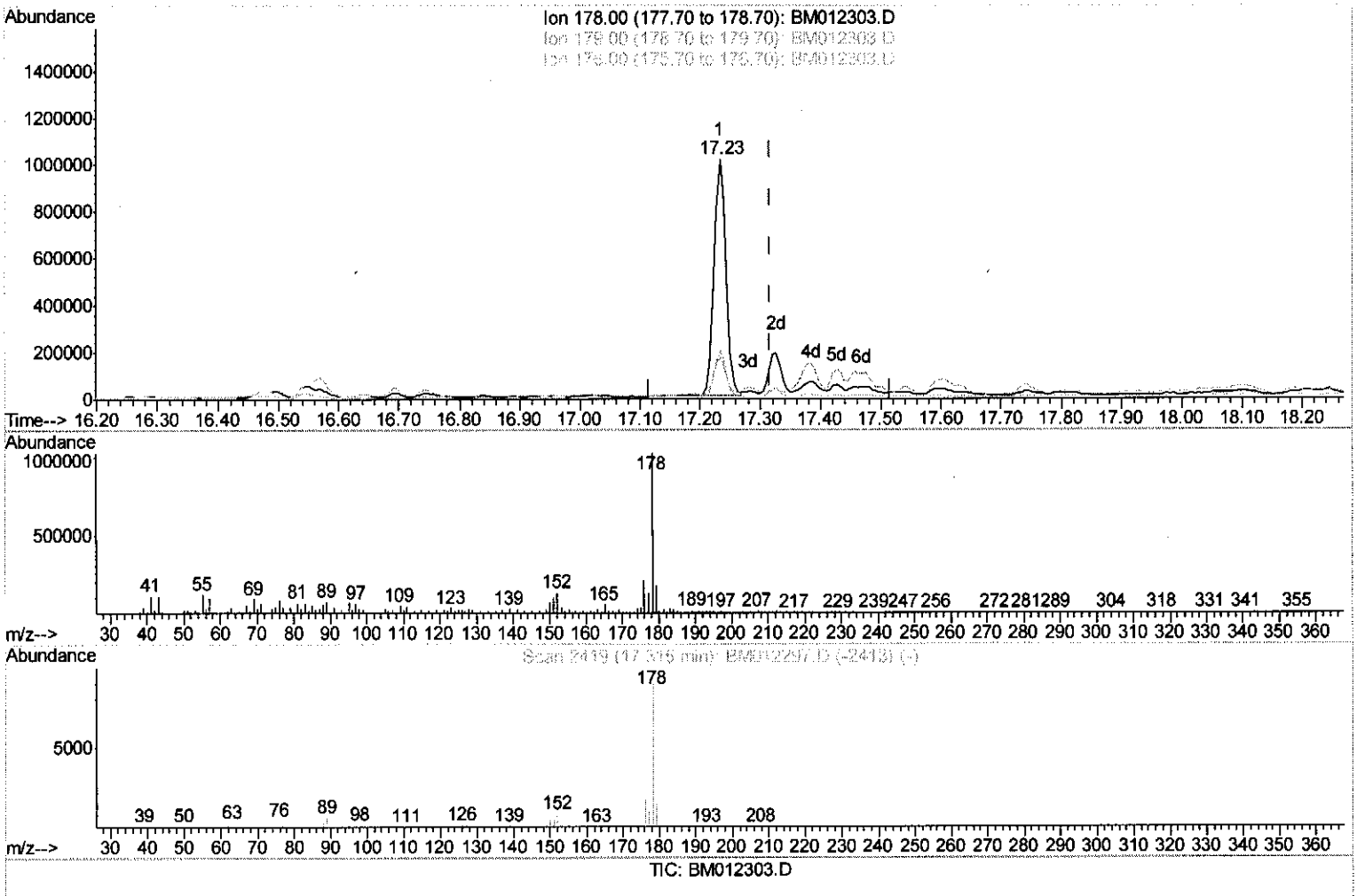

TIC: BM012303.D

(71) Anthracene

17.233min (-0.082) 11.91ng/ul

response 1395461

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	17.26
176.00	18.40	19.83
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
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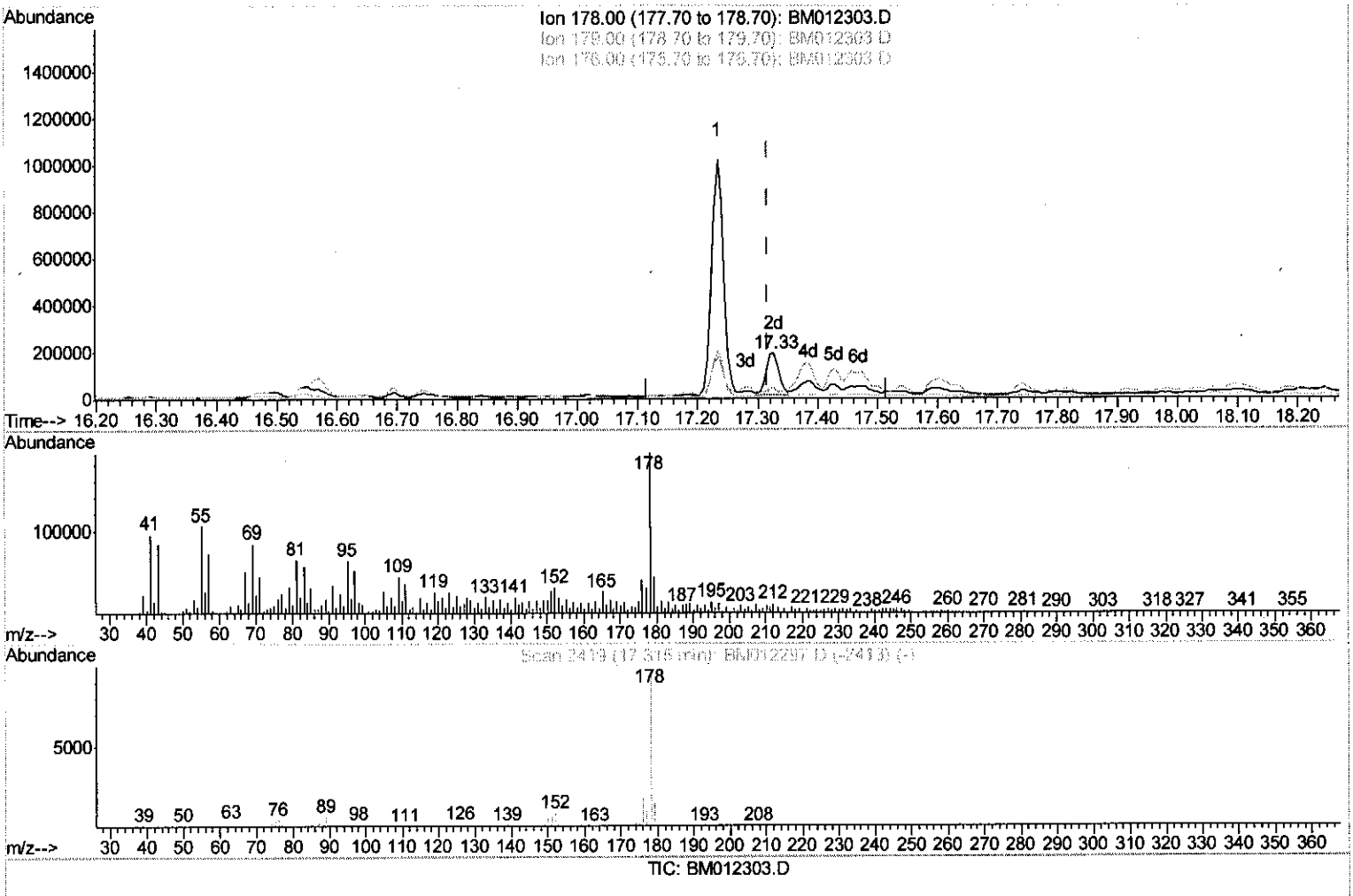

TIC: BM012303.D

(71) Anthracene

17.327min (+0.012) 2.26ng/ul m JU 10/24/17

response 264465

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	22.92#
176.00	18.40	20.70
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 22 Sample Multiplier: 1

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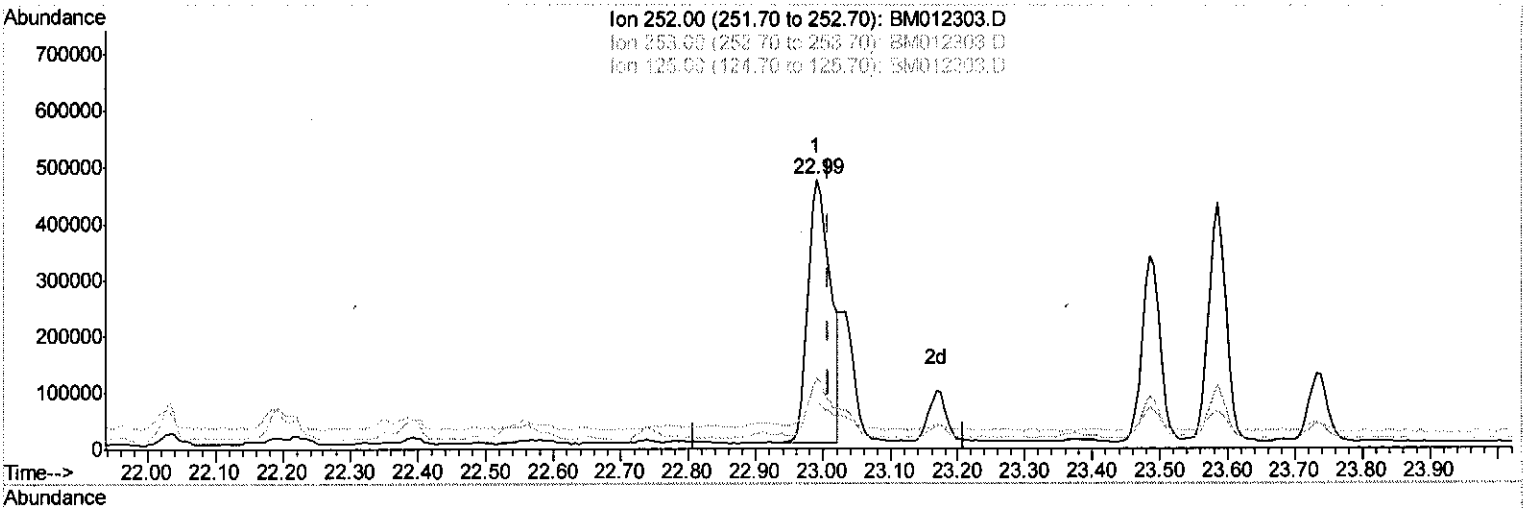
Instrument :
BNA_M
ClientSampleId :
B-34(0-1)-100617

Manual Integrations APPROVED
Sohil
10/23/2017 3:49:57 PM



(86) Benzo(k)fluoranthene

22.991min (-0.018) 9.50ng/ul

response 1085250

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	26.28
125.00	6.10	17.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
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Manual Integrations APPROVED
Sohil
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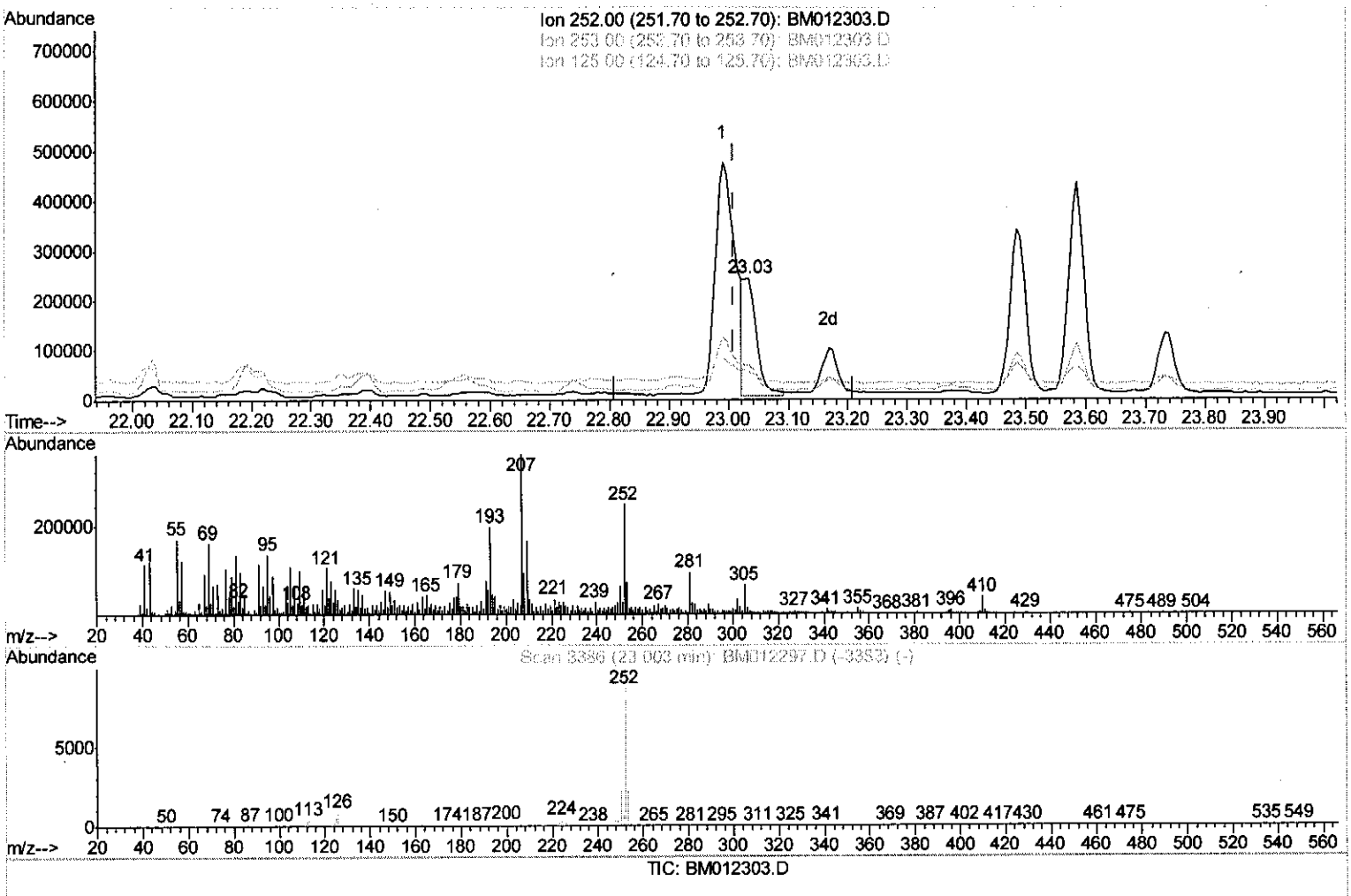

TIC: BM012303.D

(86) Benzo(k)fluoranthene

23.033min (+0.023) 3.18ng/ul m JU 10/24/17

response 363616

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	28.78#
125.00	6.10	23.39#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_M
ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.78	152	325413	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.59	136	1413551	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.44	164	895287	20.00	ng/ul	0.00	
61) Phenanthrene-d10	17.19	188	1989201	20.00	ng/ul	0.01	
75) Chrysene-d12	21.37	240	1717214	20.00	ng/ul	0.01	
83) Perylene-d12	23.69	264	1816248	20.00	ng/ul	0.02	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.20	96	15887	2.32	ng/uL	0.00	
5) Phenol-d5	6.96	99	374580	14.19	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.12	67	296916	18.75	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.32	132	352251	15.73	ng/ul	0.00	
13) 4-Methylphenol-d8	8.51	113	342479	15.07	ng/ul	0.01	
19) Nitrobenzene-d5	8.96	128	190977	17.70	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.67	143	194901	15.46	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.22	165	361821	15.04	ng/ul	0.00	
29) 4-Chloroaniline-d4	10.73	131	346609	15.39	ng/ul	0.00	
43) Dimethylphthalate-d6	13.84	166	1223948	15.47	ng/ul	0.00	
46) Acenaphthylene-d8	14.13	160	1572865	16.42	ng/ul	0.00	
51) 4-Nitrophenol-d4	14.71	143	69151m	→ 5.81	ng/ul	0.04	→ JU 10/24/17
57) Fluorene-d10	15.43	176	1097366	16.90	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.59	200	27438	2.01	ng/ul	0.02	
70) Anthracene-d10	17.29	188	1657728	16.85	ng/ul	0.01	
76) Pyrene-d10	19.59	212	1577203	18.09	ng/ul	0.00	
87) Benzo(a)pyrene-d12	23.54	264	1448611	16.54	ng/ul	0.03	
Target Compounds						Qvalue	
6) Phenol	6.99	94	93461	3.424	ng/ul#	75	
16) 4-Methylphenol	8.57	108	117910	5.212	ng/ul	90	
24) 2,4-Dimethylphenol	9.80	107	450718m	→16.546	ng/ul		→ JU 10/24/17
28) Naphthalene	10.63	128	504077	6.893	ng/ul#	95	
34) 2-Methylnaphthalene	12.25	142	1032702	18.712	ng/ul	100	
40) 1,1'-Biphenyl	13.27	154	115993	1.535	ng/ul	97	
44) Dimethylphthalate	13.89	163	625505	7.890	ng/ul	99	
47) Acenaphthylene	14.16	152	102075	1.085	ng/ul#	46	
49) Acenaphthene	14.50	153	131236	2.071	ng/ul	91	
58) Fluorene	15.49	166	202050	2.667	ng/ul#	95	
69) Phenanthrene	17.23	178	1395461	12.332	ng/ul	96	
71) Anthracene	17.33	178	264465m	→ 2.257	ng/ul		→ JU 10/24/17
74) Fluoranthene	19.25	202	1367270	10.012	ng/ul#	94	
77) Pyrene	19.62	202	1388838	12.246	ng/ul#	92	
80) Benzo(a)anthracene	21.36	228	693251	6.204	ng/ul#	91	
81) Bis(2-ethylhexyl)phthalate	21.26	149	228568	3.017	ng/ul	98	
82) Chrysene	21.41	228	714954	6.815	ng/ul#	91	
85) Benzo(b)fluoranthene	22.99	252	1085250	9.156	ng/ul#	85	
86) Benzo(k)fluoranthene	23.03	252	363616m	→ 3.183	ng/ul		→ JU 10/24/17
88) Benzo(a)pyrene	23.59	252	754133	6.751	ng/ul#	87	
89) Indeno(1,2,3-cd)pyrene	26.03	276	669280	5.642	ng/ul#	95	
90) Dibenzo(a,h)anthracene	26.03	278	174334	1.748	ng/ul#	63	
91) Benzo(g,h,i)perylene	26.76	276	679163	6.990	ng/ul#	92	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
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Manual Integrations APPROVED
Sohil
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