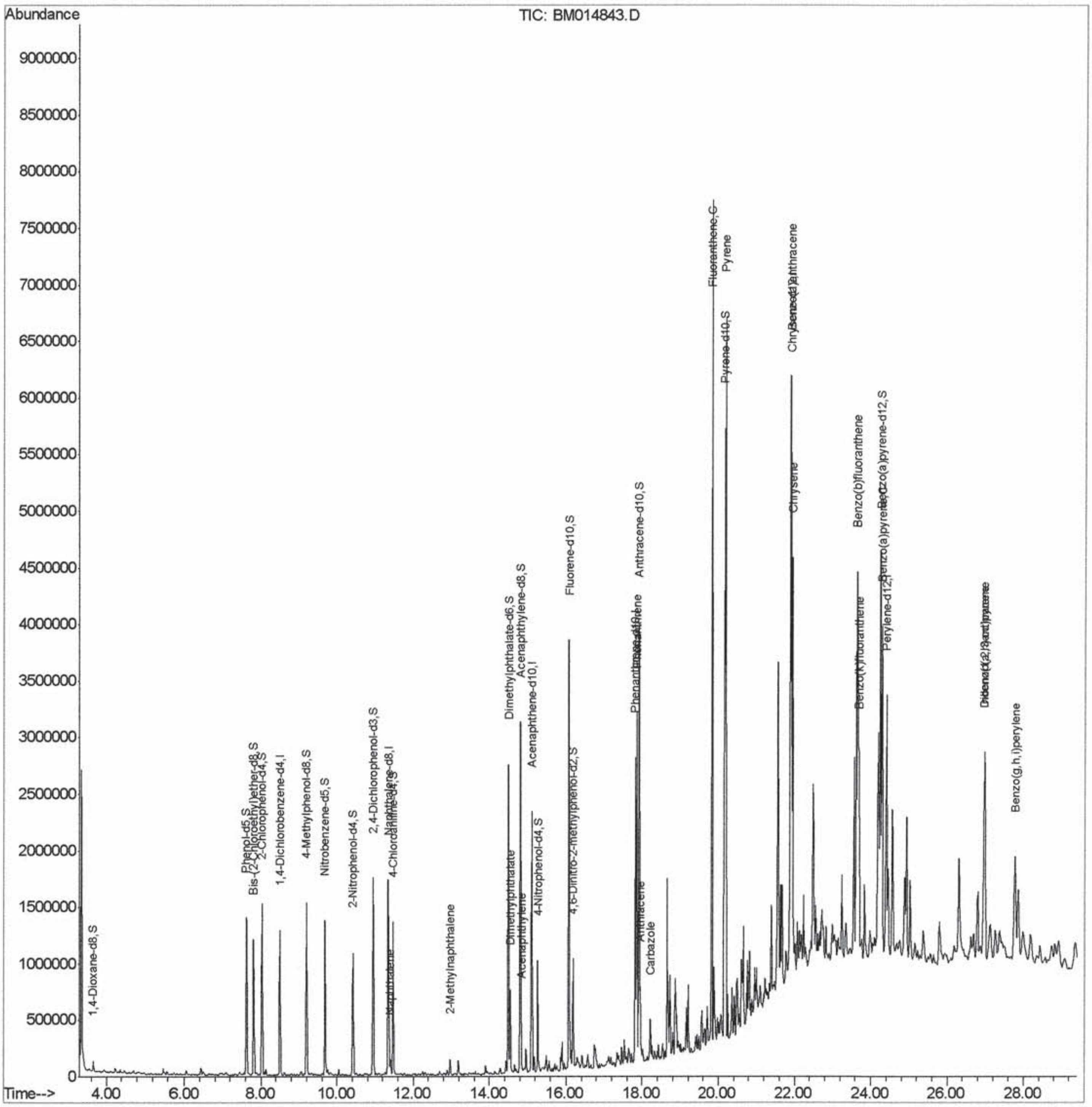
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014843.D
Acq On : 25 Apr 2018 20:46
Operator : SJ/JU
Sample : J2449-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE0

Manual Integrations APPROVED
Sohil
4/26/2018 6:21:14 PM

Quant Time: Apr 26 02:39:09 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 01:59:14 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

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BNA_M
ClientSampleId :
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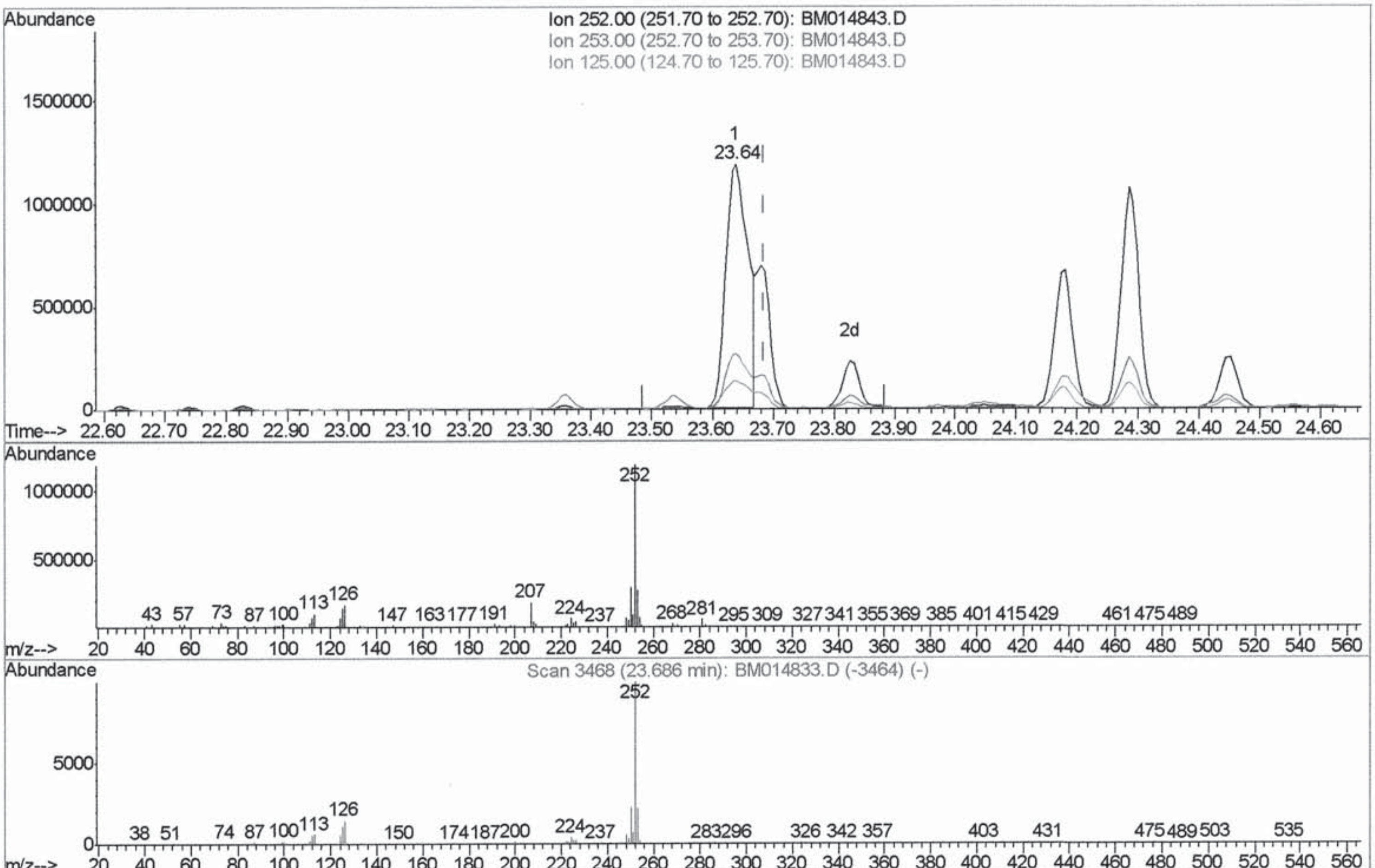

TIC: BM014843.D

(86) Benzo(k)fluoranthene

23.638min (-0.047) 30.06ng/ul

response 3050551

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.90
125.00	4.30	11.78#
0.00	0.00	0.00

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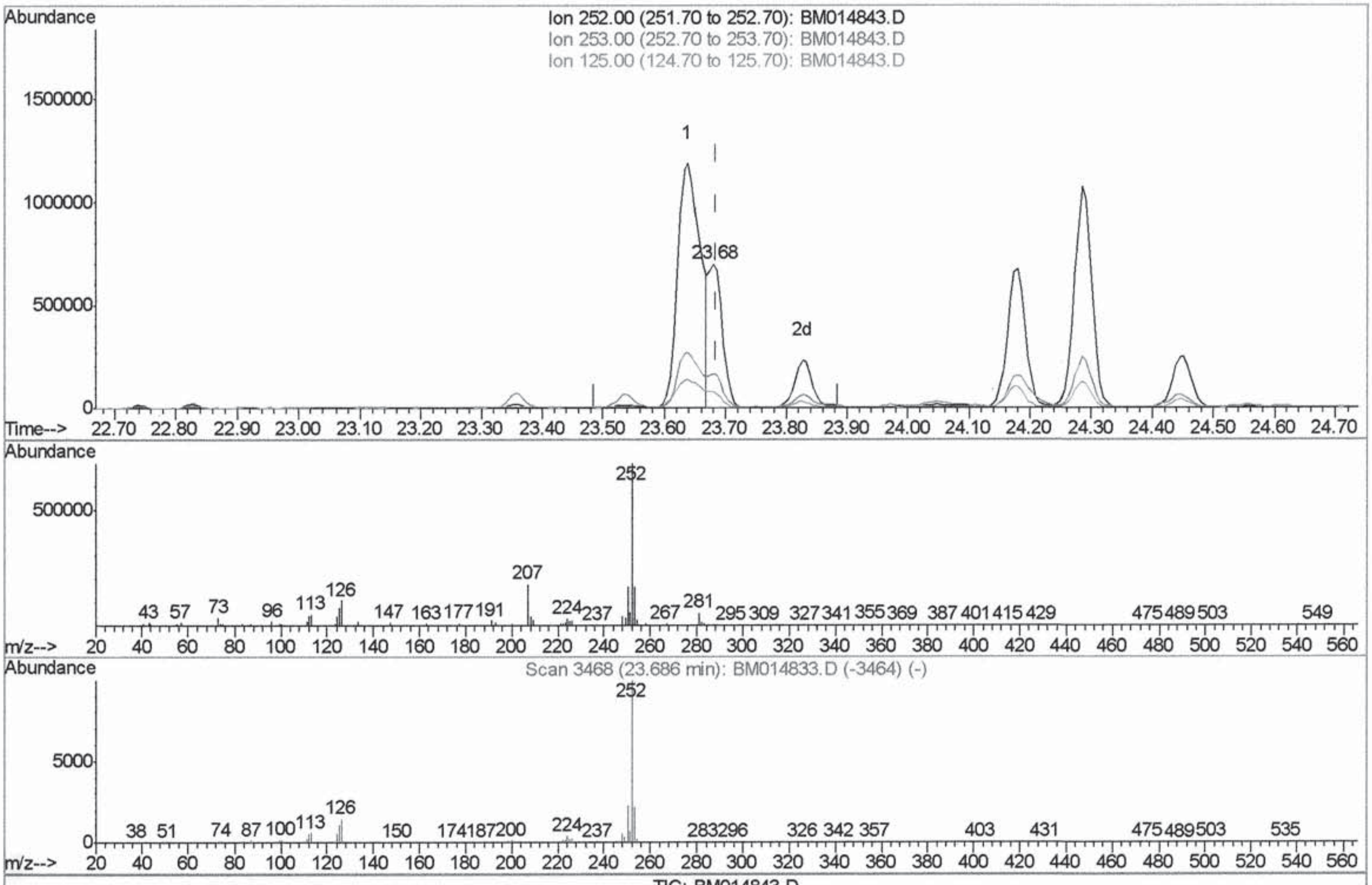
Manual Integrations APPROVED
Sohil
4/26/2018 6:21:14 PM



TIC: BM014843.D

(86) Benzo(k)fluoranthene

23.680min (-0.006) 10.72ng/ul m   SJ 4/27/18

response 1088230

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.32
125.00	4.30	11.33#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_M
ClientSampleId :
C0AE0

Manual Integrations
APPROVED
Sohil
4/26/2018 6:21:14 PM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	343317	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	1422896	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.11	164	731250	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1493160	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1615847	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1790112	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	44649	5.68	ng/uL	0.00
5) Phenol-d5	7.62	99	777664	29.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	547065	32.14	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	690430	31.10	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	557301	26.33	ng/ul	0.00
19) Nitrobenzene-d5	9.69	128	317731	30.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.42	143	338580	33.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	606308	29.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	687360	33.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.50	166	1703038	29.84	ng/ul	0.00
46) Acenaphthylene-d8	14.81	160	2079213	29.50	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	211643	19.98	ng/ul	0.00
57) Fluorene-d10	16.09	176	1466129	29.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	183283	22.68	ng/ul	0.00
70) Anthracene-d10	17.92	188	2153181	30.94	ng/ul	0.00
76) Pyrene-d10	20.16	212	2319458	30.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.24	264	2909747	33.08	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	11.40	128	98747	1.424	ng/ul	99
34) 2-Methylnaphthalene	12.97	142	61894	1.285	ng/ul	95
44) Dimethylphthalate	14.54	163	431152	7.813	ng/ul	99
47) Acenaphthylene	14.84	152	229121	3.355	ng/ul	100
69) Phenanthrene	17.86	178	1789549	22.317	ng/ul	99
71) Anthracene	17.95	178	383618	4.714	ng/ul	98
72) Carbazole	18.21	167	208637	3.005	ng/ul	97
74) Fluoranthene	19.83	202	4297778	49.158	ng/ul#	84
77) Pyrene	20.19	202	3543535	37.533	ng/ul#	79
80) Benzo(a)anthracene	21.89	228	2110354	22.334	ng/ul	98
82) Chrysene	21.95	228	2063370	23.326	ng/ul	97
85) Benzo(b)fluoranthene	23.64	252	3050551	28.908	ng/ul#	95
86) Benzo(k)fluoranthene	23.68	252	1088230m	10.724	ng/ul	
88) Benzo(a)pyrene	24.29	252	2124878	21.228	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.96	276	1508069	12.454	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.97	278	399476	3.918	ng/ul#	90
91) Benzo(g,h,i)perylene	27.76	276	1188181	11.927	ng/ul#	88

SJ 4/27/18

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