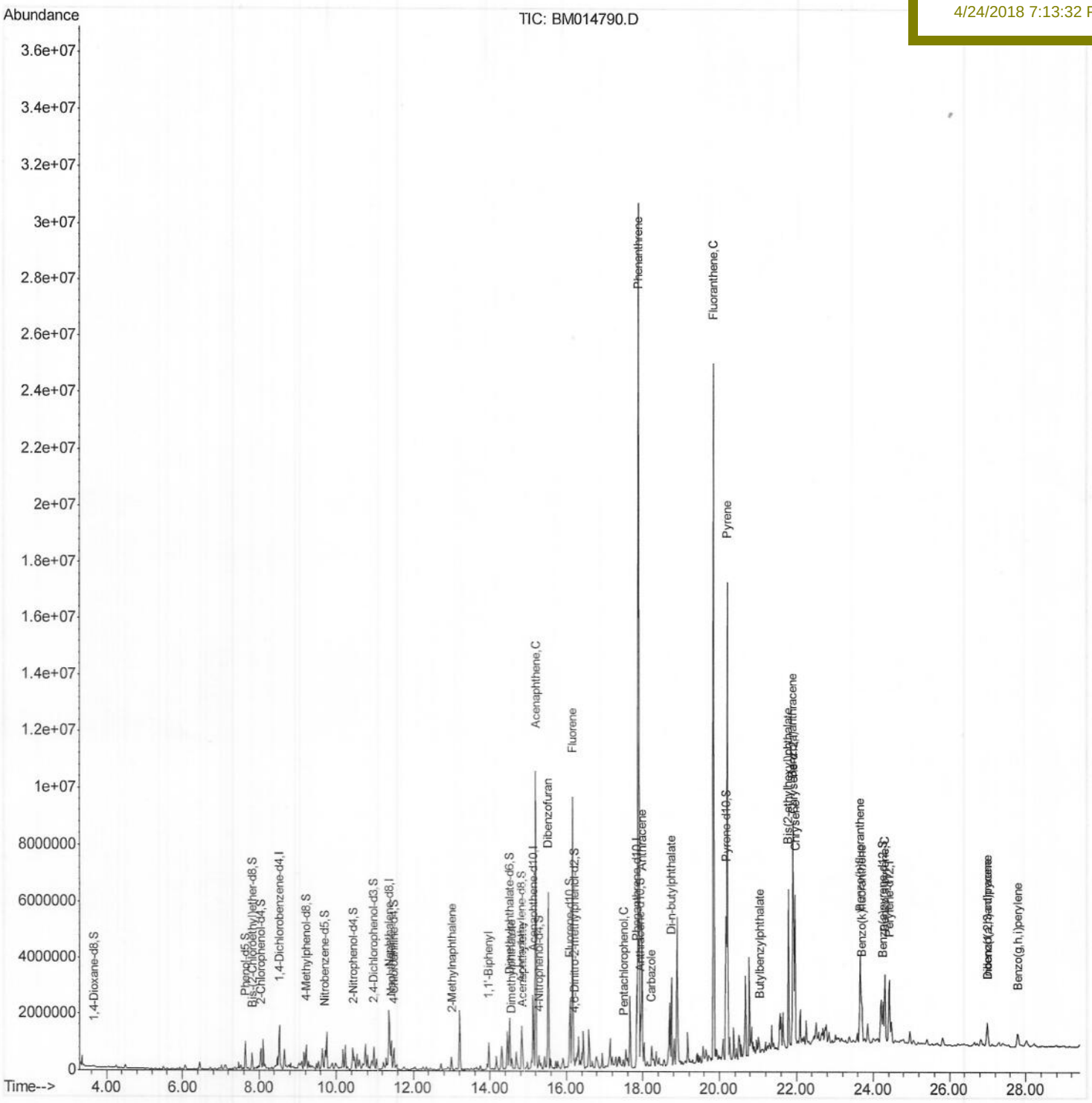
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014790.D
Acq On : 23 Apr 2018 23:40
Operator : SJ/JU
Sample : J2431-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 24 18:25:24 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DASN8

Manual Integrations APPROVED
Sohil
4/24/2018 7:13:32 PM



Quantitation Report (Qedit)

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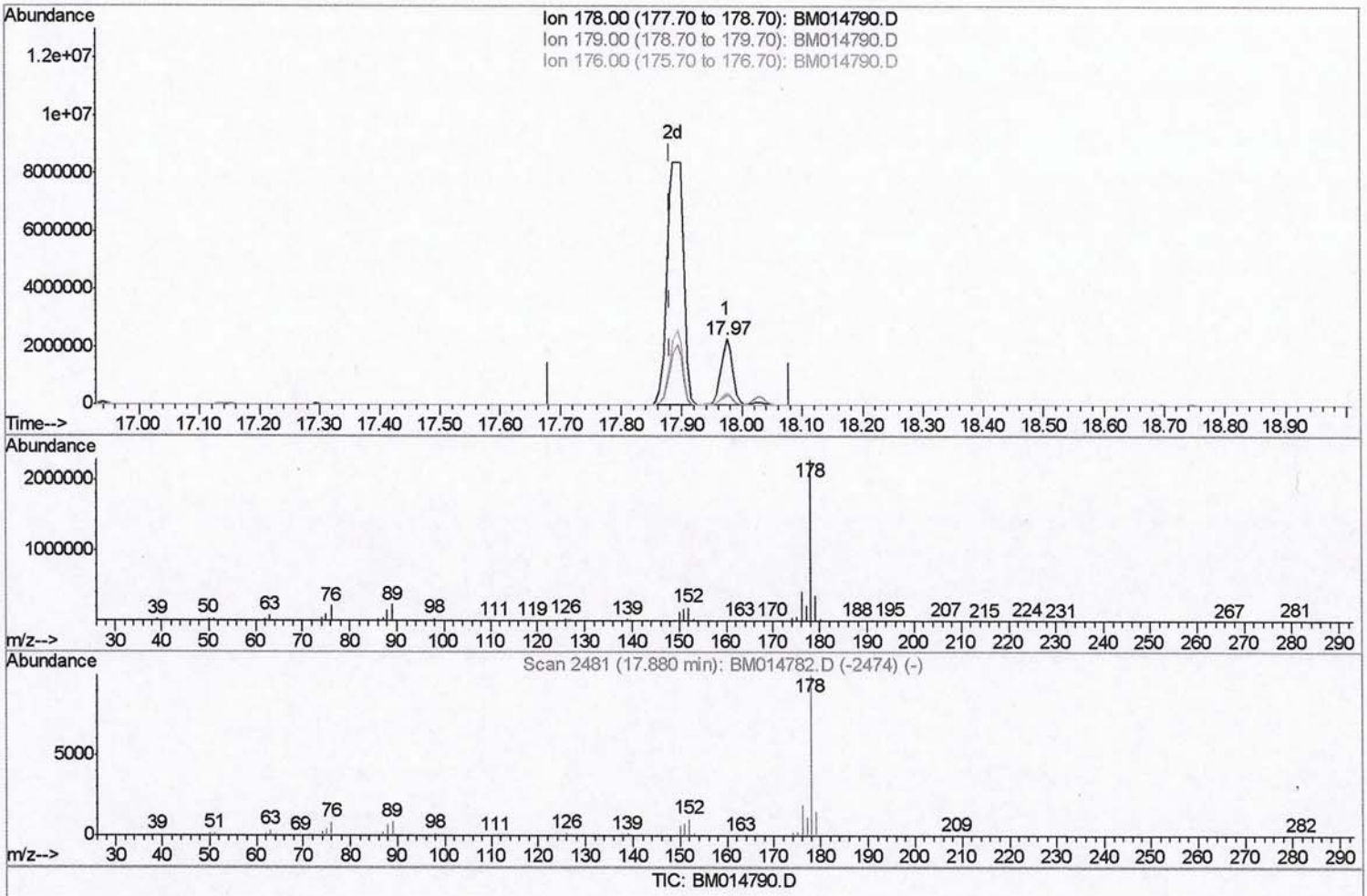

TIC: BM014790.D

(69) Phenanthrene

17.974min (+0.094) 33.78ng/ul

response 3096137

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	15.66
176.00	18.60	18.76
0.00	0.00	0.00

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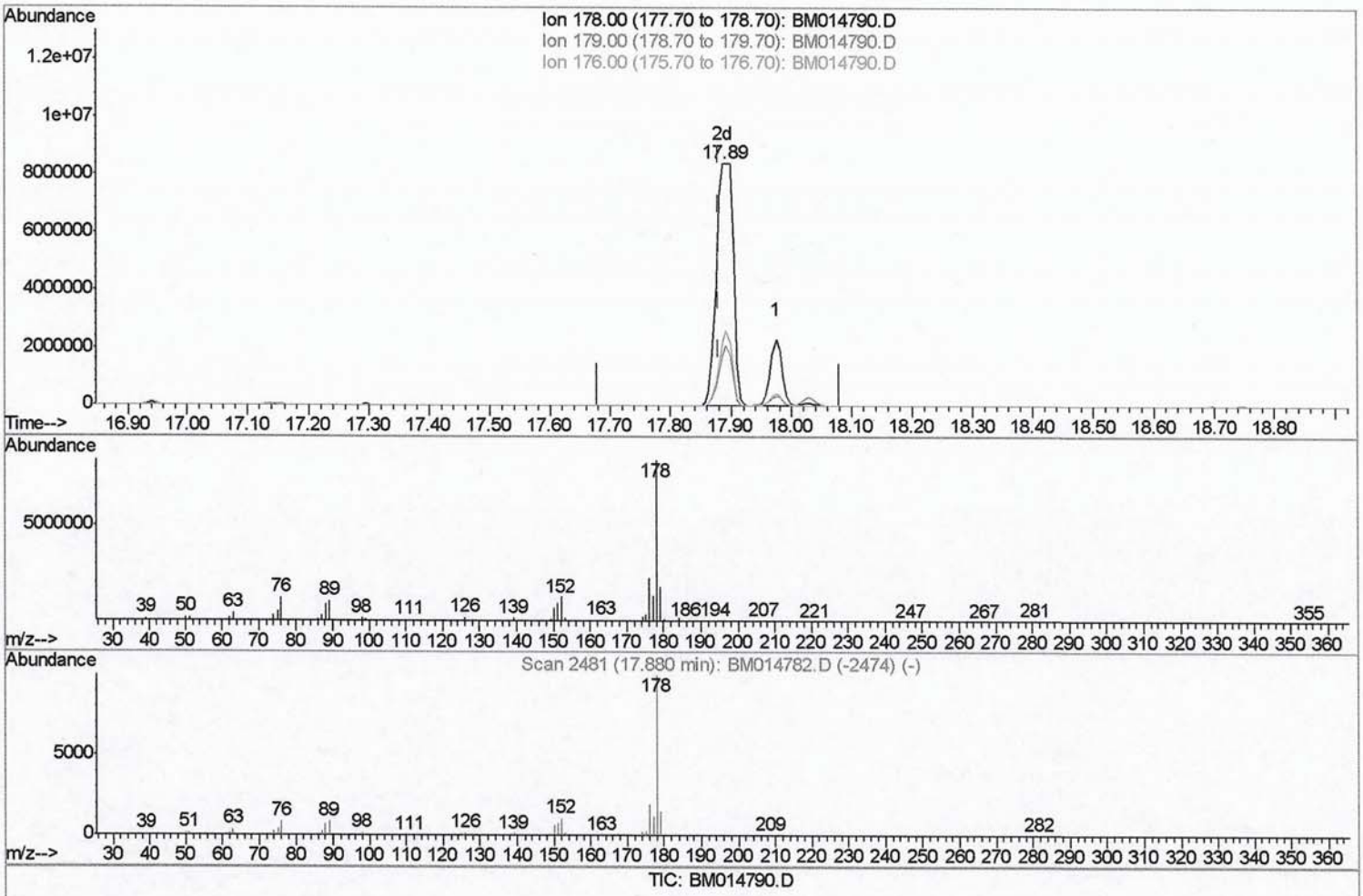

TIC: BM014790.D

(69) Phenanthrene

17.886min (+0.006) 176.57ng/ul m SJ 4/24/18

response 16181715

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	21.57#
176.00	18.60	26.71#
0.00	0.00	0.00

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Sohil
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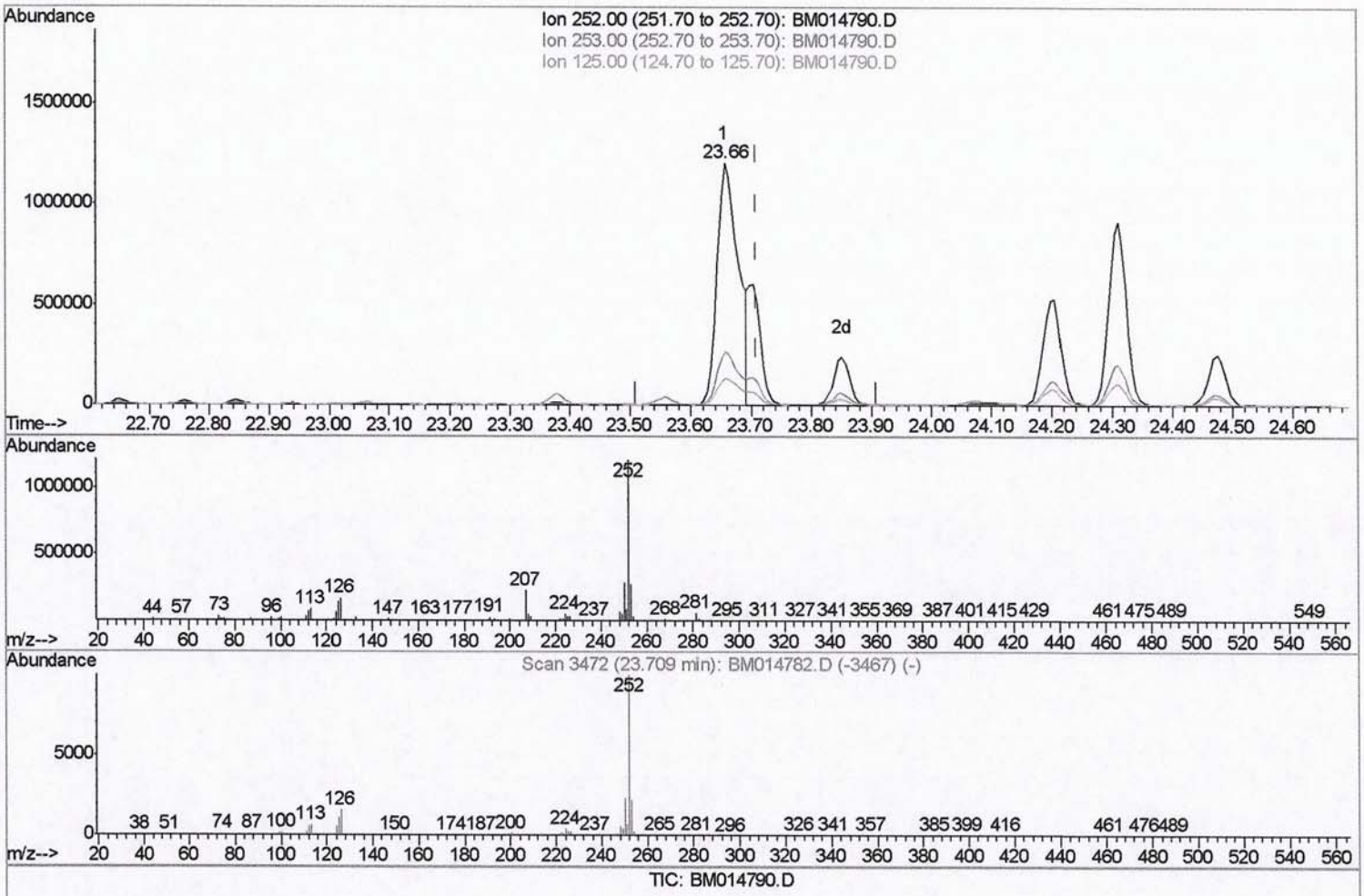

TIC: BM014790.D

(86) Benzo(k)fluoranthene

23.656min (-0.053) 29.32ng/ul

response 2958994

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.32
125.00	4.30	11.45#
0.00	0.00	0.00

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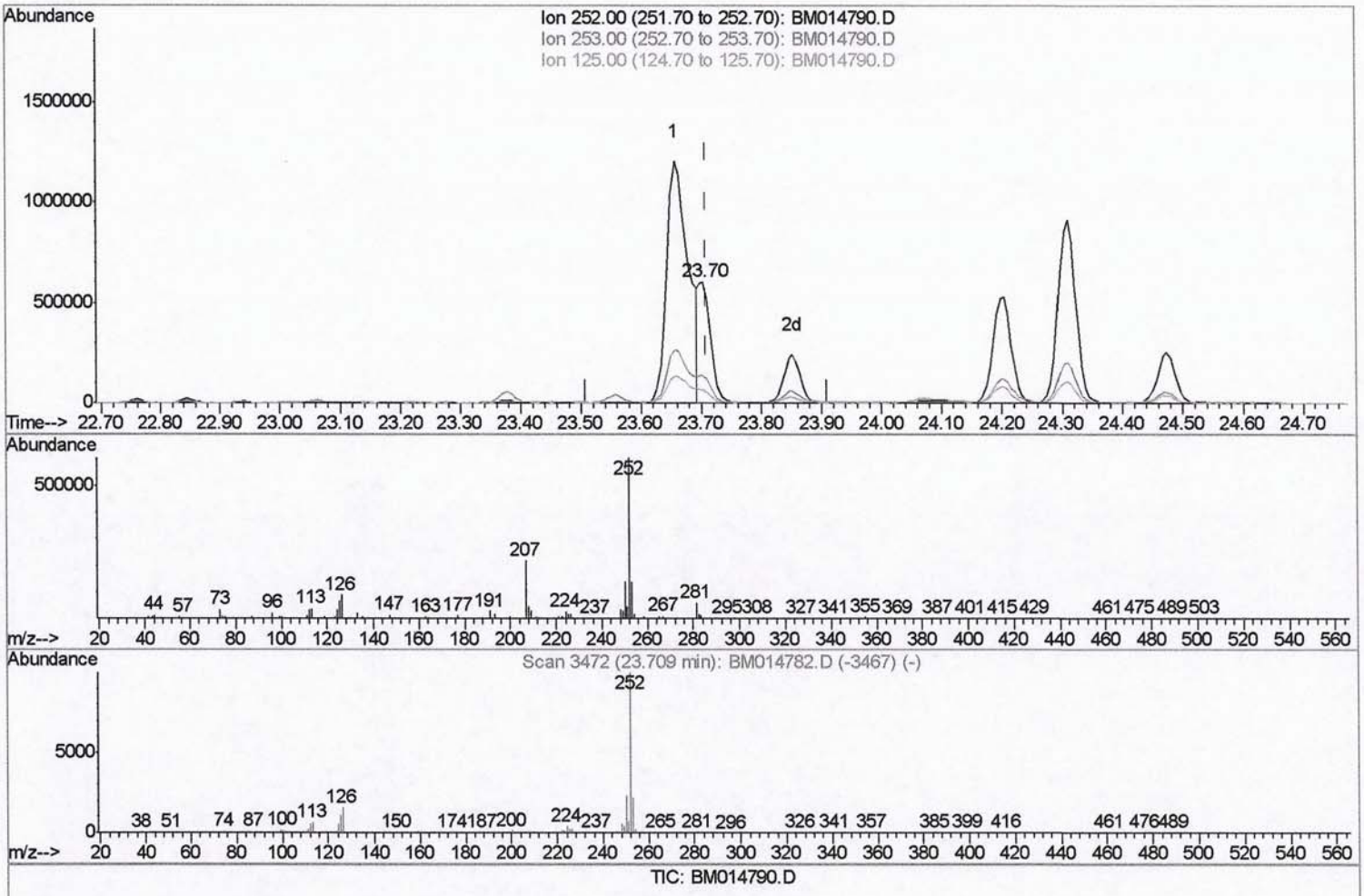

TIC: BM014790.D

(86) Benzo(k)fluoranthene

23.703min (-0.006) 8.26ng/ul m SJ 4/24/18

response 833781

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.43
125.00	4.30	10.87#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	405506	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1664290	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	840594	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1706471	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1706467	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1780156	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	20742	2.23	ng/uL	0.00
5) Phenol-d5	7.65	99	375296	11.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	252986	12.58	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	309715	11.81	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	290506	11.62	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	144641	12.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	143091	11.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	269656	11.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	361566	15.05	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	798977	12.18	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	935203	11.54	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	93374	7.67	ng/ul	0.00
57) Fluorene-d10	16.10	176	689292	12.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	65882	7.13	ng/ul	0.00
70) Anthracene-d10	17.94	188	969912	12.20	ng/ul	0.00
76) Pyrene-d10	20.17	212	1061446	13.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	1145638	13.10	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.42	128	640344	7.896	ng/ul	99
34) 2-Methylnaphthalene	12.99	142	204527	3.632	ng/ul	97
40) 1,1'-Biphenyl	13.97	154	480045	7.102	ng/ul#	98
44) Dimethylphthalate	14.56	163	167498	2.641	ng/ul	99
47) Acenaphthylene	14.86	152	230407	2.935	ng/ul#	94
49) Acenaphthene	15.19	153	4022010	72.095	ng/ul	100
53) Dibenzofuran	15.52	168	3908504	50.452	ng/ul	99
58) Fluorene	16.16	166	4211857	67.332	ng/ul	99
68) Pentachlorophenol	17.49	266	14505	1.218	ng/ul	98
69) Phenanthrene	17.89	178	16181715m	176.570	ng/ul	
71) Anthracene	17.97	178	3104283	33.377	ng/ul	98
72) Carbazole	18.23	167	388334	4.894	ng/ul	97
73) Di-n-butylphthalate	18.75	149	146564	1.519	ng/ul#	78
74) Fluoranthene	19.85	202	13426406	134.376	ng/ul#	70
77) Pyrene	20.21	202	10458002	104.889	ng/ul#	80
78) Butylbenzylphthalate	21.04	149	61989	1.524	ng/ul	95
80) Benzo(a)anthracene	21.91	228	3579356	35.869	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.79	149	1765206	29.565	ng/ul#	96
82) Chrysene	21.97	228	2974722	31.843	ng/ul	97
85) Benzo(b)fluoranthene	23.66	252	2958994	28.197	ng/ul#	96
86) Benzo(k)fluoranthene	23.70	252	833781m	8.263	ng/ul	
88) Benzo(a)pyrene	24.31	252	1838241	18.467	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.00	276	789954	6.560	ng/ul#	90

SJ 4/27/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	27.00	278	219447	2.164	ng/ul#	90
91) Benzo(g,h,i)perylene	27.79	276	577811	5.832	ng/ul#	90

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

Instrument :
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ClientSampleId :
DASN8

Manual Integrations APPROVED
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