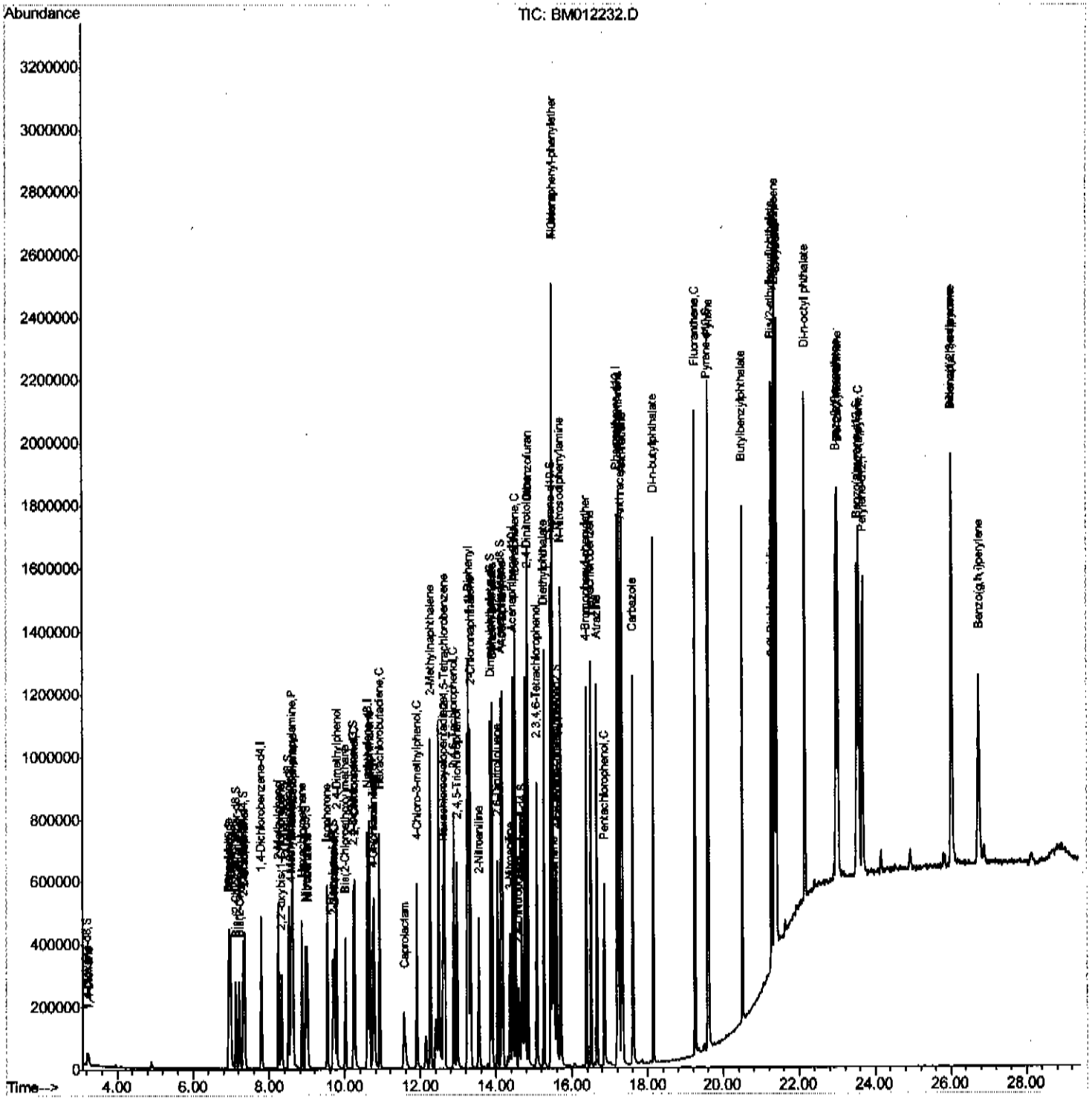
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101617\
Data File : BM012232.D
Acq On : 17 Oct 2017 01:06
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 17 02:46:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 23:37:16 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02012

Manual Integrations APPROVED
Sohil
10/17/2017 5:13:51 PM



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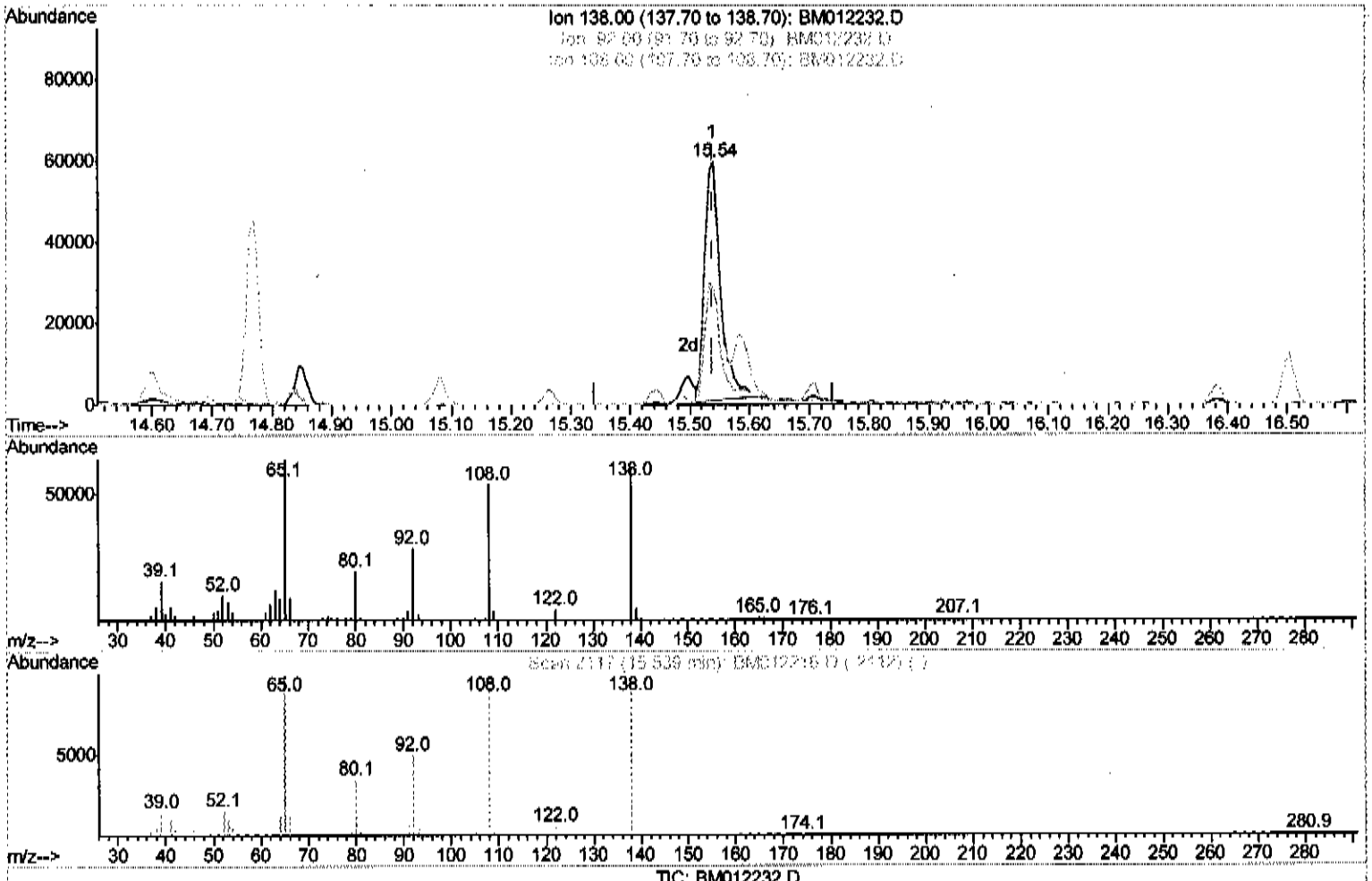

TIC: BM012232.D

(60) 4-Nitroaniline

15.539min (-0.000) 15.09ng/ul

response 107552

Ion	Exp%	Act%
138.00	100	100
92.00	50.20	47.78
108.00	92.90	90.27
0.00	0.00	0.00

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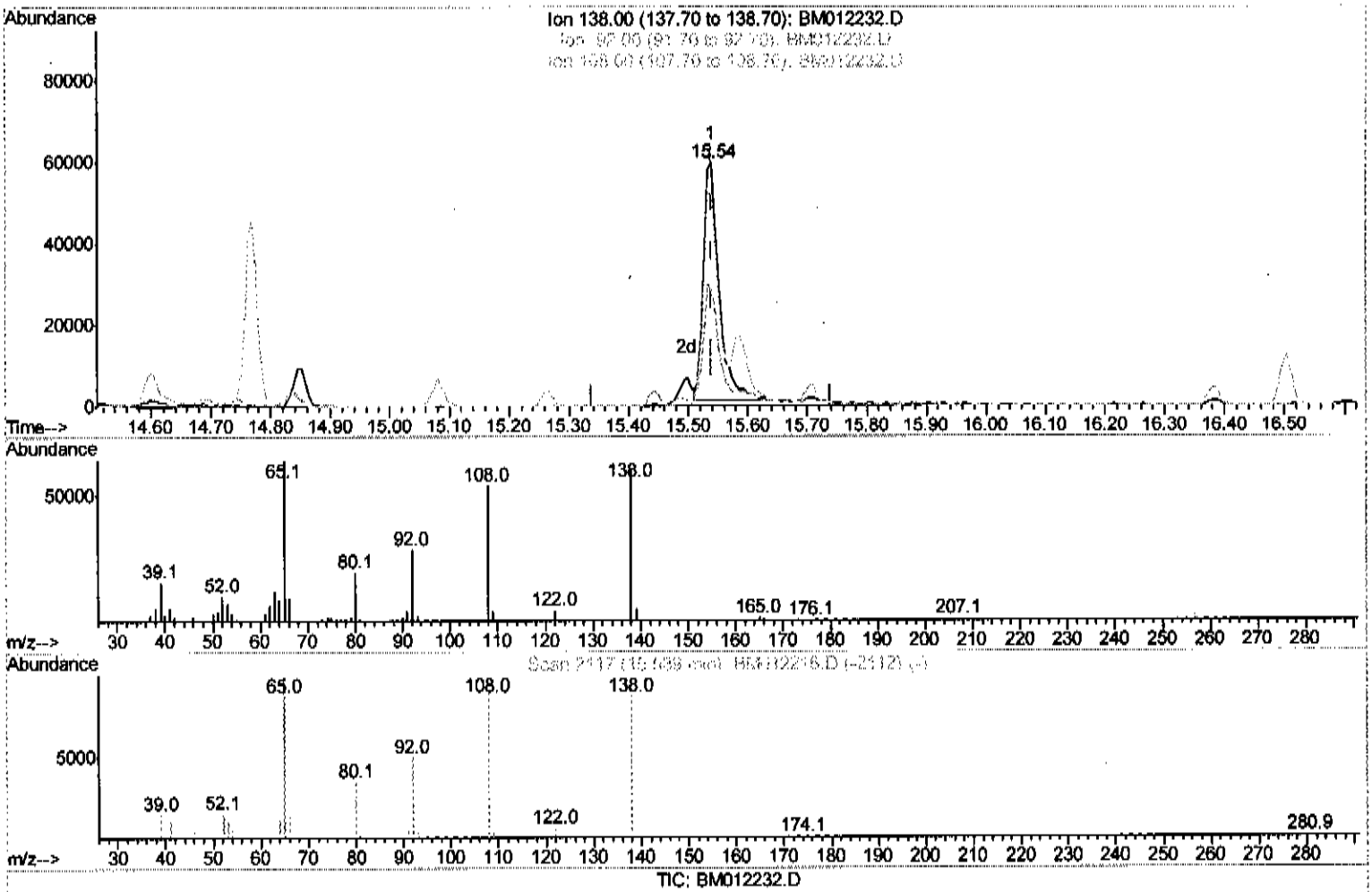

TIC: BM012232.D

(60) 4-Nitroaniline

15.539min (-0.000) 14.94ng/ul m SJ U 10/17/17

response 106466

Ion	Exp%	Act%
138.00	100	100
92.00	50.20	47.78
108.00	92.90	90.27
0.00	0.00	0.00

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Instrument :
BNA_M
LabSampleId :
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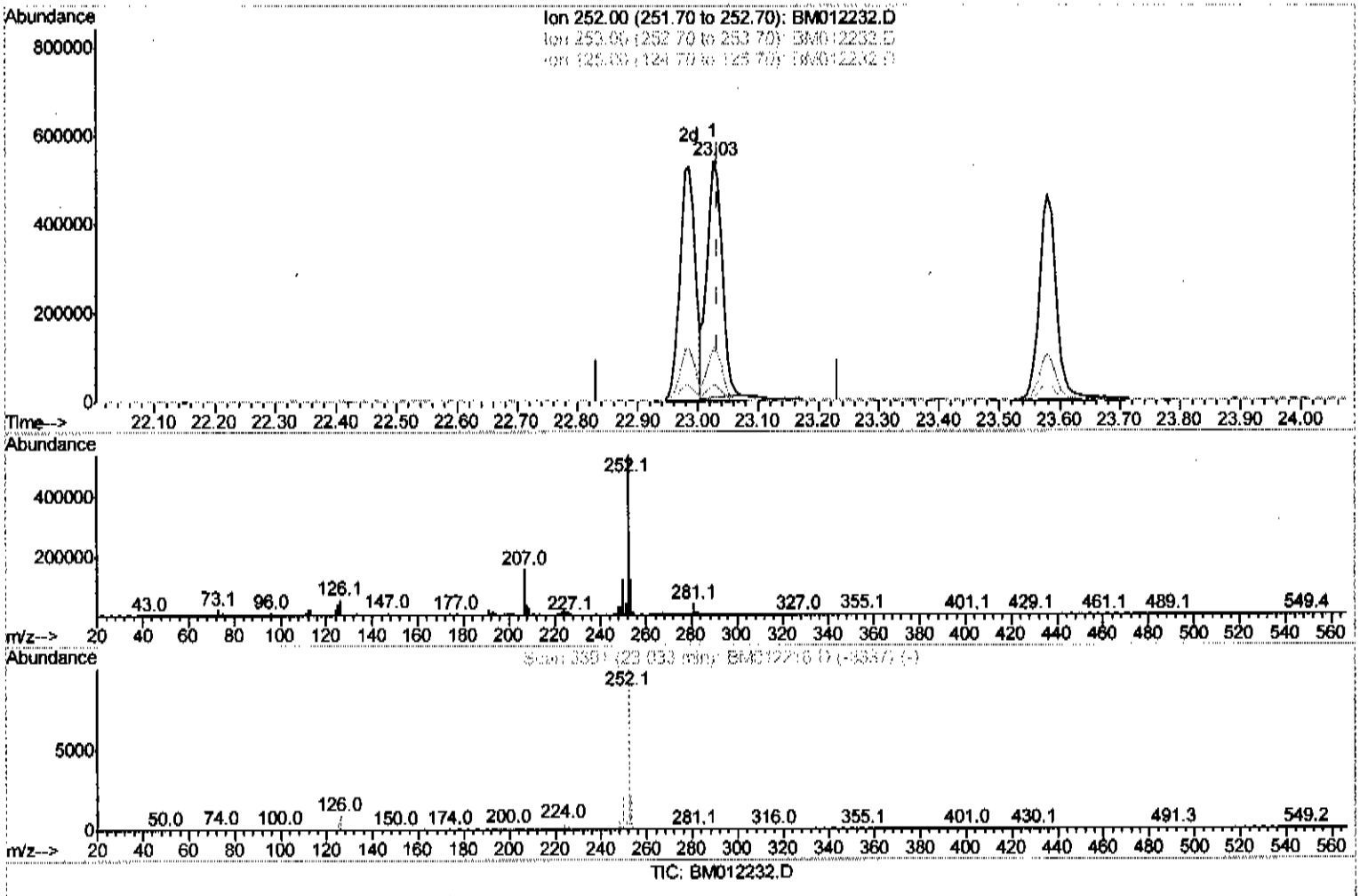
Manual Integrations APPROVED
Sohil
10/17/2017 5:13:51 PM



(86) Benzo(k)fluoranthene

23.027min (-0.006) 19.47ng/ul

response 924246

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	22.11
125.00	6.10	6.90
0.00	0.00	0.00

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Sohil
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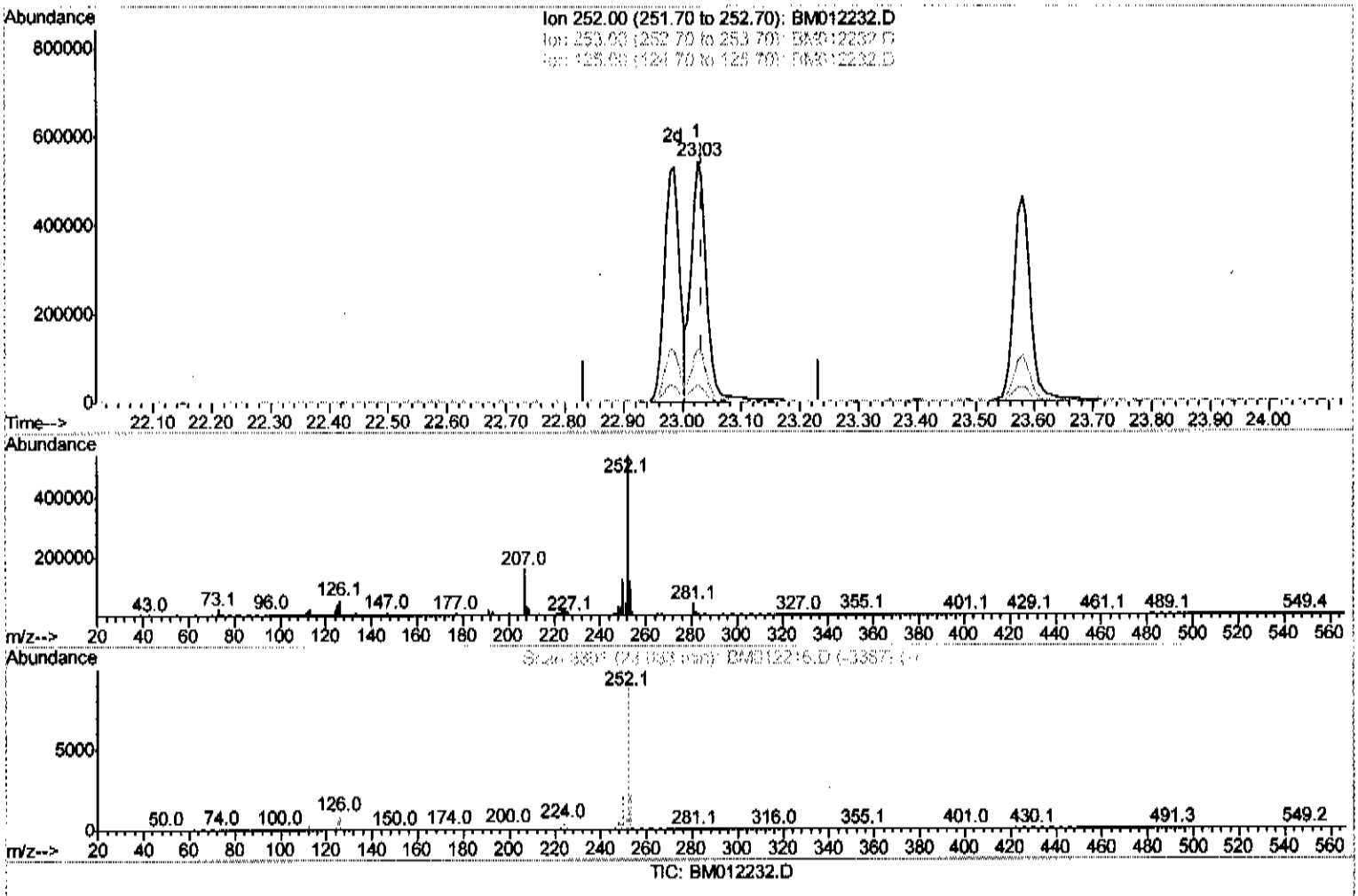

(86) Benzo(k)fluoranthene

23.027min (-0.006) 20.81ng/ul m JU 10/17/17

response 987909

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	22.11
125.00	6.10	6.90
0.00	0.00	0.00

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Instrument :
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	146853	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	639838	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	422083	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	996187	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	909539	20.00	ng/ul	0.00
83) Perylene-d12	23.68	264	754894	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	20436	6.61	ng/uL	0.00
5) Phenol-d5	6.96	99	214917	18.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	118079	16.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	191138	18.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	195846	19.09	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	93174	19.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	112155	19.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	225017	20.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	251857	24.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	730316	19.58	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	883574	19.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	81456	14.52	ng/ul	0.00
57) Fluorene-d10	15.44	176	610211	19.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	113307	16.57	ng/ul	0.00
70) Anthracene-d10	17.30	188	975112	19.80	ng/ul	0.00
76) Pyrene-d10	19.59	212	1036734	22.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	718073	19.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	21695	6.880	ng/uL	96
4) Benzaldehyde	6.94	77	140030	17.587	ng/ul	98
6) Phenol	6.99	94	218591	17.747	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.22	93	165382	17.619	ng/ul	98
10) 2-Chlorophenol	7.36	128	193740	18.782	ng/ul	98
11) 2-Methylphenol	8.25	108	173866	18.768	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.33	45	175777	14.748	ng/ul	98
14) Acetophenone	8.63	105	302917	19.429	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.60	70	151540	18.136	ng/ul	99
16) 4-Methylphenol	8.57	108	192253	18.832	ng/ul	99
17) Hexachloroethane	8.86	117	80067	18.395	ng/ul	96
20) Nitrobenzene	9.00	77	214739	17.701	ng/ul	98
21) Isophorone	9.53	82	418645	18.471	ng/ul	98
23) 2-Nitrophenol	9.72	139	121383	19.839	ng/ul	98
24) 2,4-Dimethylphenol	9.77	107	240391	19.496	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.00	93	250470	18.847	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	220251	20.526	ng/ul	94
28) Naphthalene	10.65	128	641644	19.383	ng/ul	98
30) 4-Chloroaniline	10.77	127	251506	25.088	ng/ul	97
31) Hexachlorobutadiene	10.92	225	168590	21.199	ng/ul	98
32) Caprolactam	11.56	113	66788	19.716	ng/ul	91
33) 4-Chloro-3-methylphenol	11.90	107	224788	19.995	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	508680	20.363	ng/ul	97

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10/17/2017 5:13:51 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	319987	20.884 ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	163107	23.885 ng/ul	97
38) 2,4,6-Trichlorophenol	12.88	196	209872	20.659 ng/ul	98
39) 2,4,5-Trichlorophenol	12.97	196	218825	20.931 ng/ul	98
40) 1,1'-Biphenyl	13.28	154	686545	19.273 ng/ul	100
41) 2-Chloronaphthalene	13.32	162	541491	19.373 ng/ul	99
42) 2-Nitroaniline	13.54	65	135699	17.449 ng/ul	98
44) Dimethylphthalate	13.90	163	730381	19.542 ng/ul	100
45) 2,6-Dinitrotoluene	14.04	165	148269	19.986 ng/ul	95
47) Acenaphthylene	14.17	152	856101	19.306 ng/ul	99
48) 3-Nitroaniline	14.37	138	120487	20.875 ng/ul	96
49) Acenaphthene	14.51	153	576737	19.309 ng/ul	100
50) 2,4-Dinitrophenol	14.60	184	75782	17.989 ng/ul	100
52) 4-Nitrophenol	14.69	109	75786	15.036 ng/ul	96
53) Dibenzofuran	14.85	168	845451	19.658 ng/ul	99
54) 2,4-Dinitrotoluene	14.83	165	217672	20.245 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.08	232	200119	20.916 ng/ul	97
56) Diethylphthalate	15.26	149	729712	18.062 ng/ul	98
58) Fluorene	15.50	166	710103	19.881 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	396638	21.139 ng/ul	99 → JO 10/17/17
60) 4-Nitroaniline	15.54	138	106466m	14.939 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.60	198	122259	16.939 ng/ul	99
64) N-Nitrosodiphenylamine	15.70	169	610928	19.593 ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	251248	21.069 ng/ul	98
66) Hexachlorobenzene	16.50	284	270262	20.006 ng/ul	98
67) Atrazine	16.66	200	251301	19.275 ng/ul	99
68) Pentachlorophenol	16.86	266	119916	15.916 ng/ul	97
69) Phenanthrene	17.24	178	1100722	19.423 ng/ul	100
71) Anthracene	17.33	178	1137868	19.395 ng/ul	99
72) Carbazole	17.60	167	896313	18.052 ng/ul	99
73) Di-n-butylphthalate	18.15	149	1194627	17.330 ng/ul	100
74) Fluoranthene	19.26	202	1295857	18.948 ng/ul	98
77) Pyrene	19.62	202	1342959	22.358 ng/ul	98
78) Butylbenzylphthalate	20.50	149	491213	18.371 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.30	252	303246	16.753 ng/ul	99
80) Benzo(a)anthracene	21.36	228	1141078	19.280 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	668571	16.663 ng/ul	99
82) Chrysene	21.41	228	1045004	18.807 ng/ul	99
84) Di-n-octyl phthalate	22.16	149	1016216	18.413 ng/ul	99
85) Benzo(b)fluoranthene	22.99	252	942733	19.137 ng/ul	100 → JO 10/17/17
86) Benzo(k)fluoranthene	23.03	252	987909m	20.809 ng/ul	
88) Benzo(a)pyrene	23.58	252	904967	19.490 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	1022209	20.731 ng/ul	98
90) Dibenzo(a,h)anthracene	26.04	278	857890	20.697 ng/ul	98
91) Benzo(g,h,i)perylene	26.76	276	864785	21.414 ng/ul	97

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