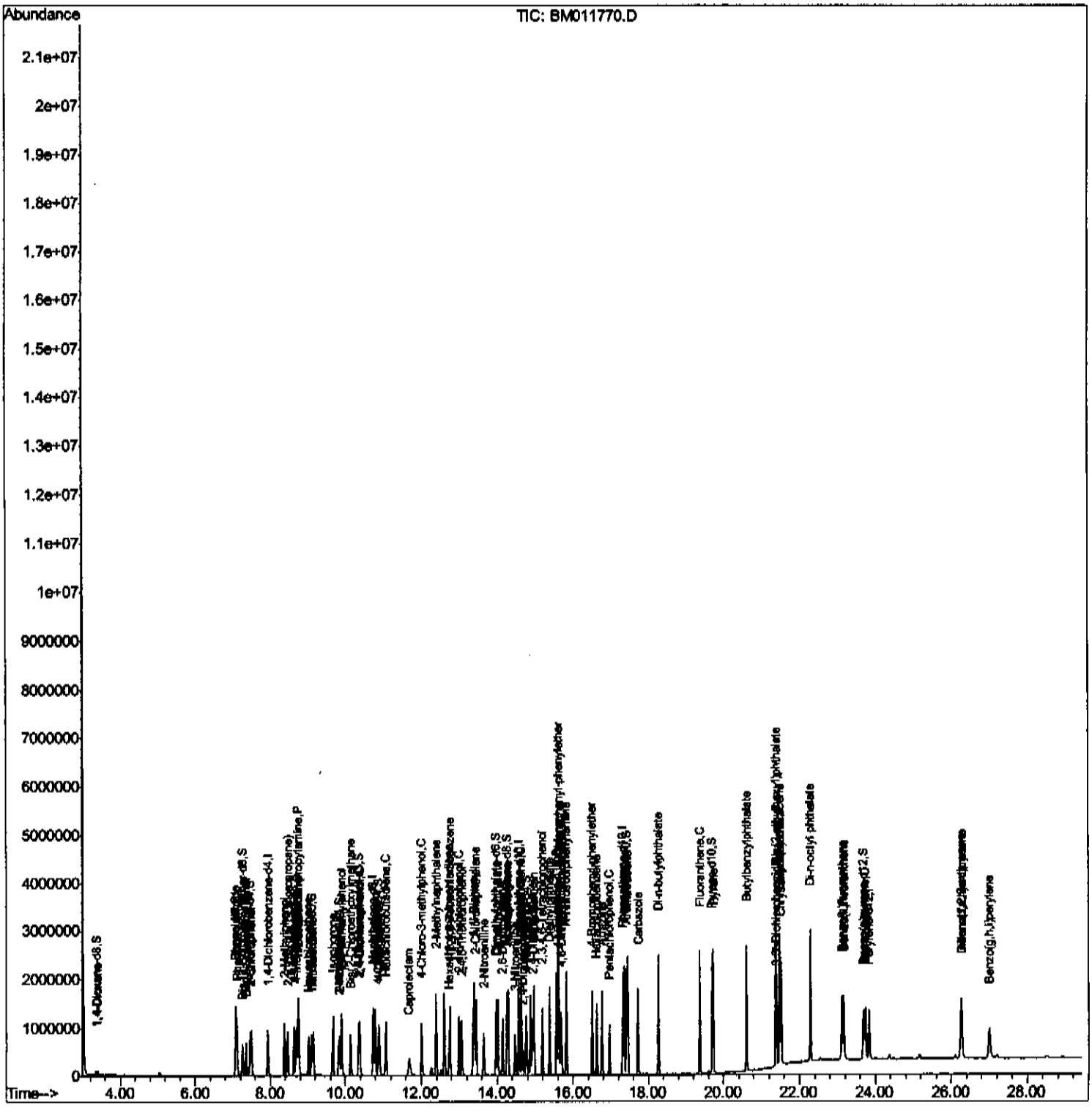
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
Data File : BM011770.D
Acq On : 29 Sep 2017 16:59
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 30 00:43:41 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 29 23:43:48 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02098

Manual Integrations APPROVED
Sohil
10/2/2017 5:41:05 PM



Quantitation Report (Qedit)

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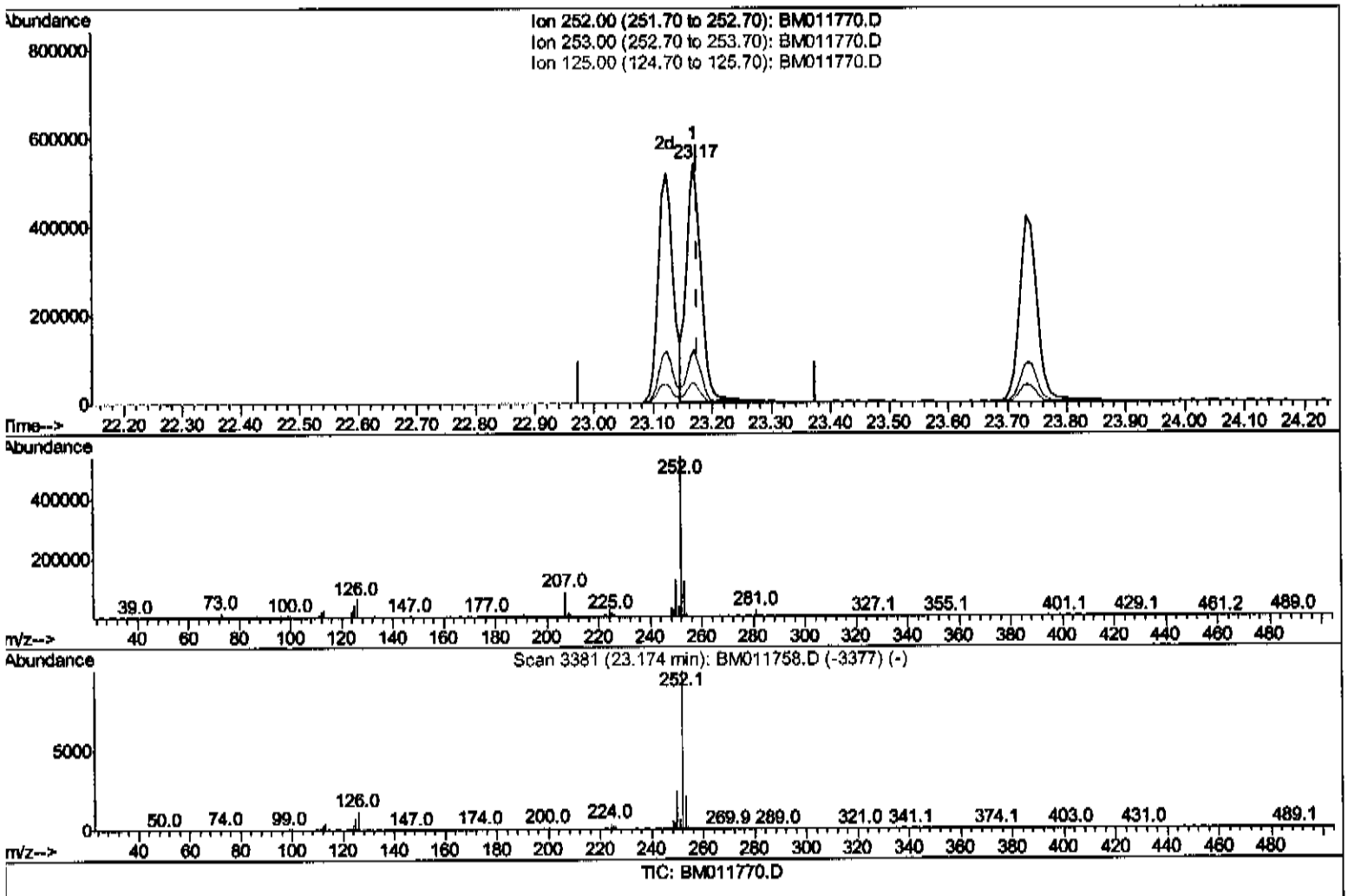

TIC: BM011770.D

(86) Benzo(k)fluoranthene

23.168min (-0.006) 19.59ng/ul

response 907322

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.38
125.00	4.30	8.47#
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
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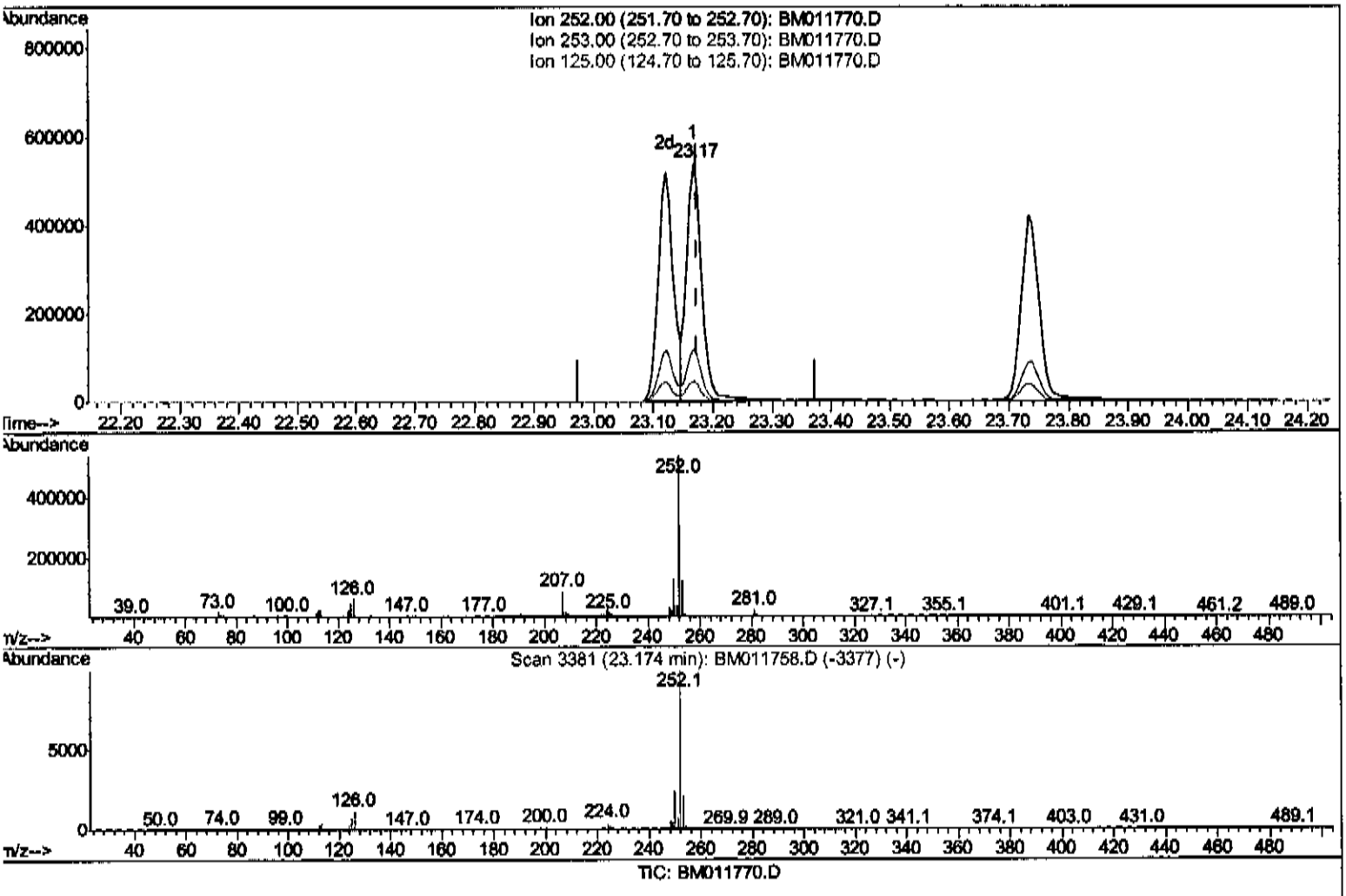

TIC: BM011770.D

(86) Benzo(k)fluoranthene

23.168min (-0.006) 20.00ng/ul m JU 10/6/17

response 926394

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.38
125.00	4.30	8.47#
0.00	0.00	0.00

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BNA_M
LabSampleId :
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Manual Integrations APPROVED
Sohil
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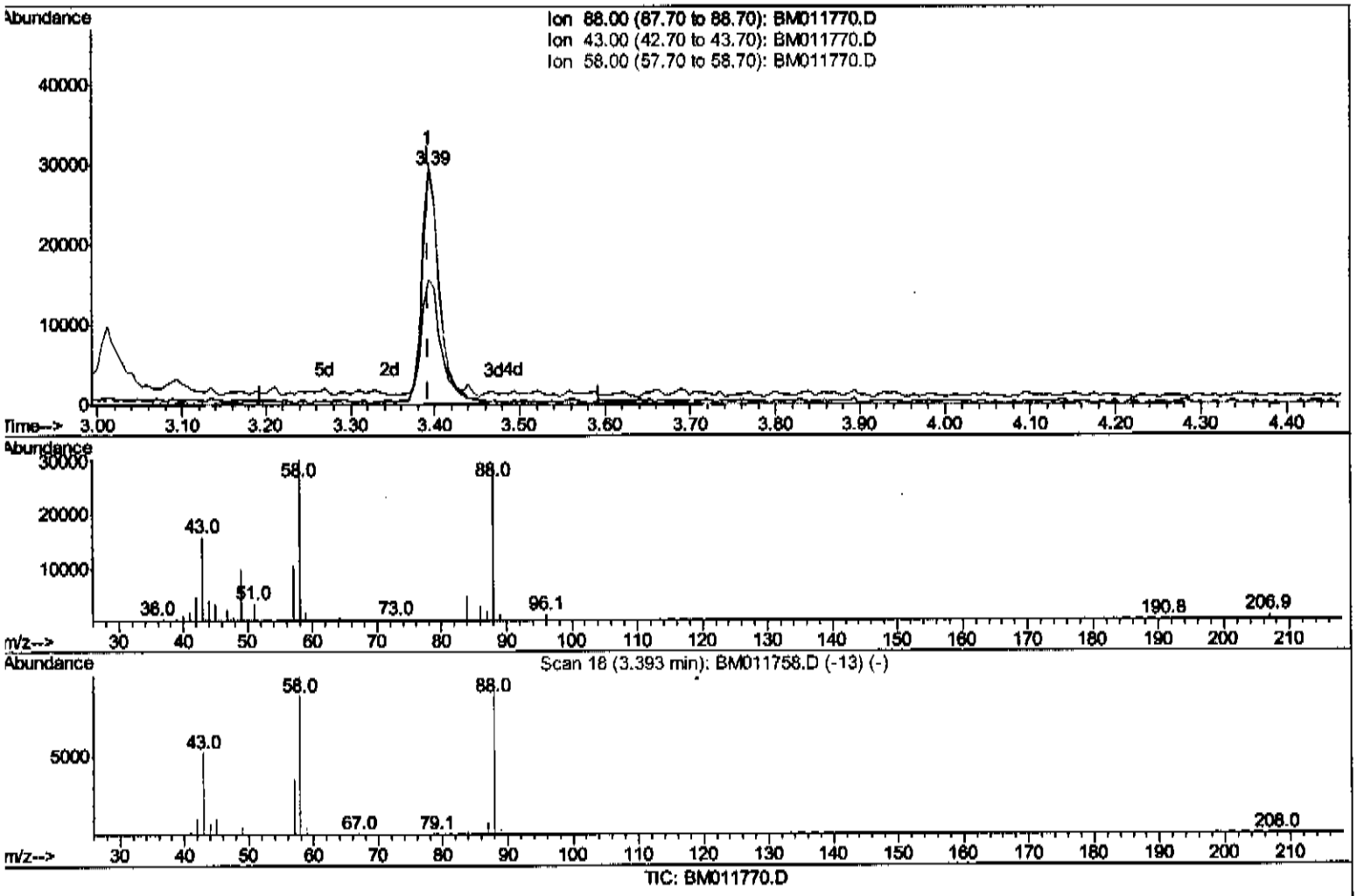

TIC: BM011770.D

(2) 1,4-Dioxane

3.393min (+0.000) 7.79ng/uL

response 42865

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	49.58
58.00	100.00	102.52
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTDCCC020
Misc :
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BNA_M
LabSampleId :
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Manual Integrations APPROVED
Sohil
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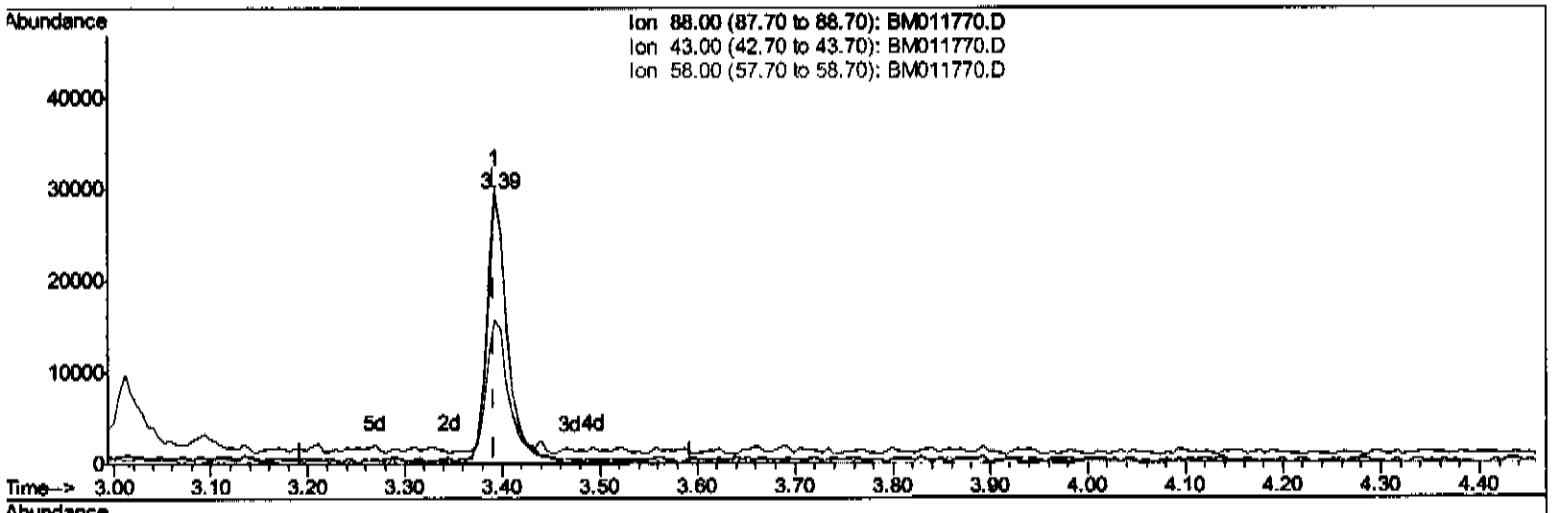

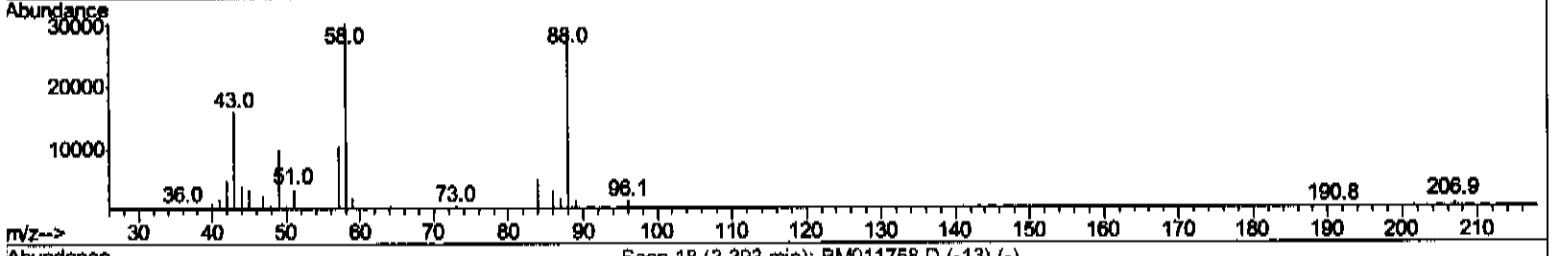

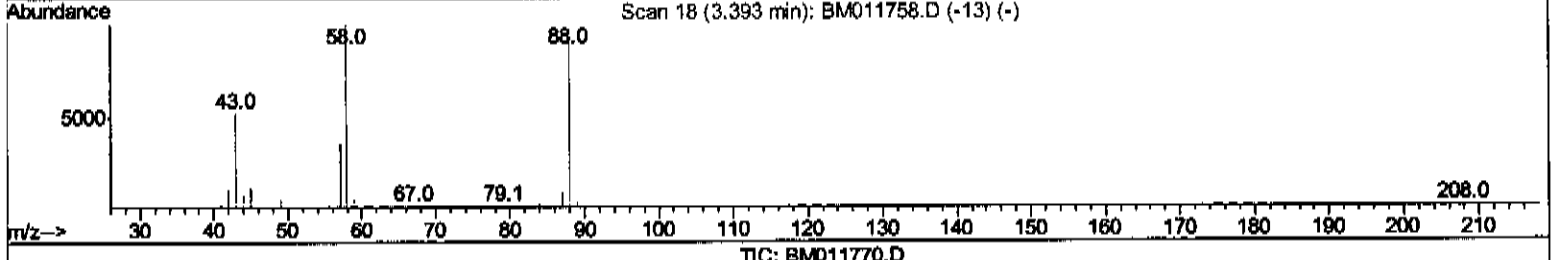

TIC: BM011770.D

(2) 1,4-Dioxane

3.393min (+0.000) 7.85ng/uL m jge 10/6/17

response 43186

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	49.21
58.00	100.00	101.76
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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10/2/2017 5:41:05 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	220392	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	984488	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	547009	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1172529	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	985616	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	769591	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	38155	7.72	ng/uL	0.00
5) Phenol-d5	7.09	99	405910	18.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	309529	19.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	326094	20.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	319544	18.82	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	157765	20.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	172754	21.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	316608	20.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	390513	22.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	904041	19.27	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1139223	20.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	141598	17.66	ng/ul	0.00
57) Fluorene-d10	15.56	176	782713	19.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	129817	16.34	ng/ul	0.00
70) Anthracene-d10	17.41	188	1163305	19.50	ng/ul	0.00
76) Pyrene-d10	19.70	212	1208950	25.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	736800	20.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	43186m	7.850	ng/uL	> JP 10/6/17
4) Benzaldehyde	7.08	77	253165	23.816	ng/ul	97
6) Phenol	7.12	94	406734	18.553	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.35	93	323486	19.193	ng/ul#	74
10) 2-Chlorophenol	7.50	128	313026	19.893	ng/ul#	85
11) 2-Methylphenol	8.37	108	299367	18.595	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.46	45	743401	20.592	ng/ul#	96
14) Acetophenone	8.76	105	520615	19.082	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.74	70	303215	19.690	ng/ul	97
16) 4-Methylphenol	8.70	108	333333	18.835	ng/ul	94
17) Hexachloroethane	9.02	117	144263	20.791	ng/ul#	68
20) Nitrobenzene	9.14	77	439466	20.792	ng/ul	97
21) Isophorone	9.66	82	776368	19.582	ng/ul#	97
23) 2-Nitrophenol	9.85	139	169967	19.931	ng/ul#	83
24) 2,4-Dimethylphenol	9.90	107	392269	20.206	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.15	93	447651	19.500	ng/ul	95
27) 2,4-Dichlorophenol	10.38	162	301038	20.249	ng/ul#	90
28) Naphthalene	10.79	128	1010597	19.640	ng/ul	99
30) 4-Chloroaniline	10.90	127	375750	22.480	ng/ul	93
31) Hexachlorobutadiene	11.07	225	214438	20.489	ng/ul	93
32) Caprolactam	11.67	113	83765	17.390	ng/ul	90
33) 4-Chloro-3-methylphenol	12.02	107	332025	19.727	ng/ul	98
34) 2-Methylnaphthalene	12.40	142	709301	19.445	ng/ul	97

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Manual Integrations APPROVED
Sohil
10/2/2017 5:41:05 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.76	216	384219	20.778 ng/ul#	94
37) Hexachlorocyclopentadiene	12.74	237	184873	15.555 ng/ul	98
38) 2,4,6-Trichlorophenol	13.00	196	246423	20.752 ng/ul	97
39) 2,4,5-Trichlorophenol	13.07	196	249494	20.295 ng/ul	98
40) 1,1'-Biphenyl	13.40	154	896233	19.893 ng/ul#	98
41) 2-Chloronaphthalene	13.45	162	702018	20.335 ng/ul	97
42) 2-Nitroaniline	13.65	65	271372	21.376 ng/ul#	79
44) Dimethylphthalate	14.02	163	860788	19.183 ng/ul	99
45) 2,6-Dinitrotoluene	14.15	165	166197	20.113 ng/ul#	87
47) Acenaphthylene	14.29	152	1123590	19.742 ng/ul	100
48) 3-Nitroaniline	14.47	138	159401	18.863 ng/ul#	97
49) Acenaphthene	14.63	153	761585	19.648 ng/ul	99
50) 2,4-Dinitrophenol	14.69	184	80717	14.881 ng/ul#	63
52) 4-Nitrophenol	14.77	109	147435	18.797 ng/ul	96
53) Dibenzofuran	14.97	168	1038604	19.509 ng/ul	95
54) 2,4-Dinitrotoluene	14.93	165	231395	19.625 ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.19	232	223509	19.710 ng/ul#	80
56) Diethylphthalate	15.38	149	896052	18.990 ng/ul	93
58) Fluorene	15.62	166	874041	19.389 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.60	204	449041	19.810 ng/ul	95
60) 4-Nitroaniline	15.63	138	175683	18.946 ng/ul#	88
63) 4,6-Dinitro-2-methylphenol	15.69	198	132503	16.430 ng/ul	92
64) N-Nitrosodiphenylamine	15.82	169	699097	20.171 ng/ul	98
65) 4-Bromophenyl-phenylether	16.50	248	258953	20.079 ng/ul#	91
66) Hexachlorobenzene	16.62	284	288469	20.130 ng/ul#	84
67) Atrazine	16.76	200	259577	19.317 ng/ul	96
68) Pentachlorophenol	16.96	266	167896	17.797 ng/ul	99
69) Phenanthrene	17.36	178	1270697	19.363 ng/ul	98
71) Anthracene	17.45	178	1330195	19.673 ng/ul	98
72) Carbazole	17.72	167	1072954	18.114 ng/ul	97
73) Di-n-butylphthalate	18.26	149	1499752	19.659 ng/ul	99
74) Fluoranthene	19.36	202	1404303	17.527 ng/ul#	90
77) Pyrene	19.73	202	1503139	25.592 ng/ul#	90
78) Butylbenzylphthalate	20.60	149	638903	26.025 ng/ul#	93
79) 3,3'-Dichlorobenzidine	21.39	252	305806	16.318 ng/ul#	92
80) Benzo(a)anthracene	21.46	228	1166777	21.160 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.37	149	924490	25.229 ng/ul#	94
82) Chrysene	21.52	228	1072659	20.625 ng/ul	98
84) Di-n-octyl phthalate	22.28	149	1455999	24.479 ng/ul#	81
85) Benzo(b)fluoranthene	23.12	252	920910	20.281 ng/ul#	97
86) Benzo(k)fluoranthene	23.17	252	926394m	19.999 ng/ul	95
88) Benzo(a)pyrene	23.73	252	871991	19.883 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.26	276	962701	21.083 ng/ul#	92
90) Dibenzo(a,h)anthracene	26.27	278	806950	21.101 ng/ul#	94
91) Benzo(g,h,i)perylene	27.00	276	818697	21.601 ng/ul#	93

> > JU 10/6/17

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