

(QT/LSC Reviewed)

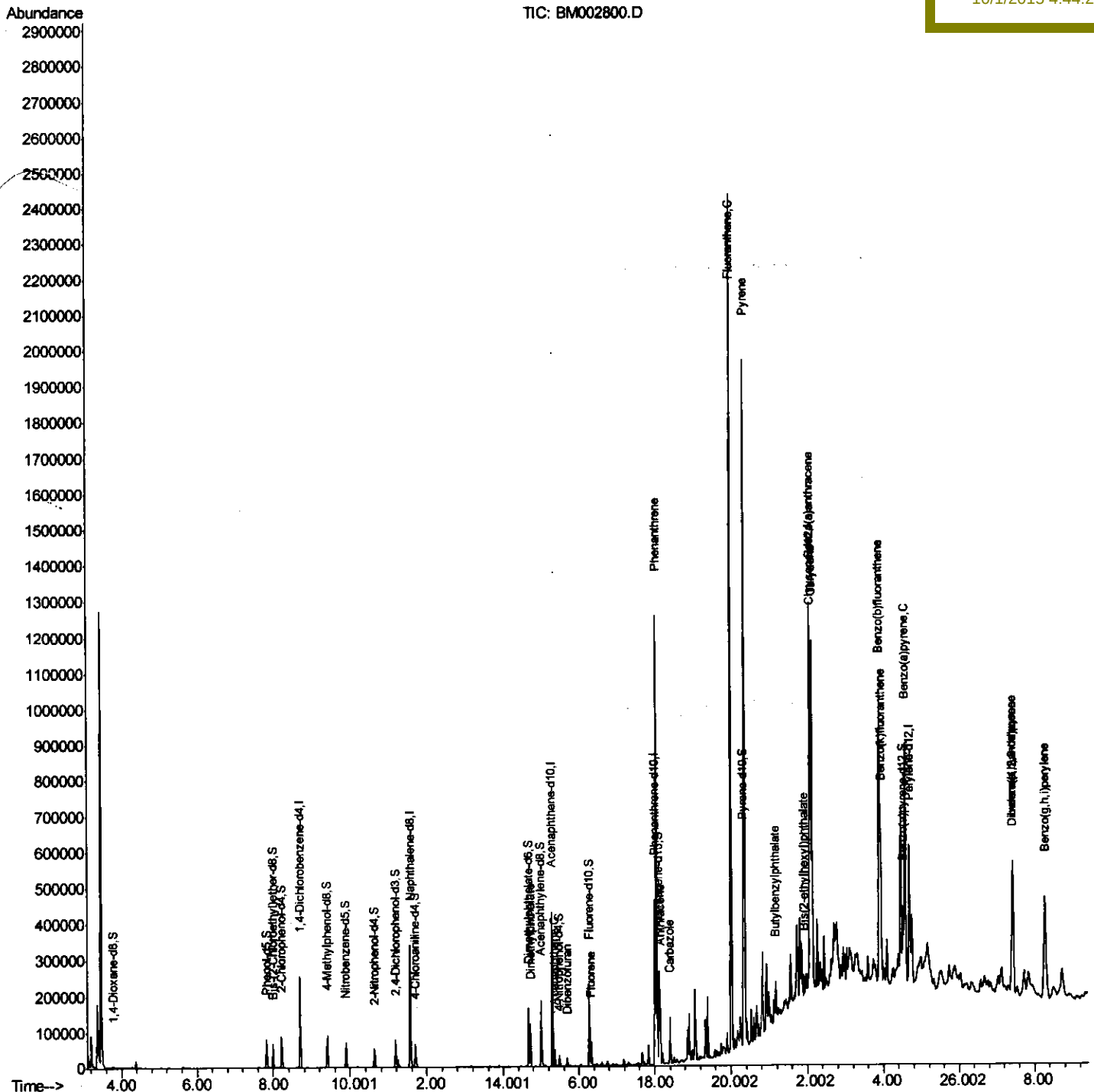
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
Data File : BM002800.D
Acq On : 01 Oct 2015 02:14
Operator : UM/IZ
Sample : G3798-24
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9G76

Quant Time: Oct 01 08:56:56 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 01 07:01:42 2015
Response via : Initial Calibration

Manual Integrations

MMDadoda
10/1/2015 4:44:26 PM



Quantitation Report (Qedit)

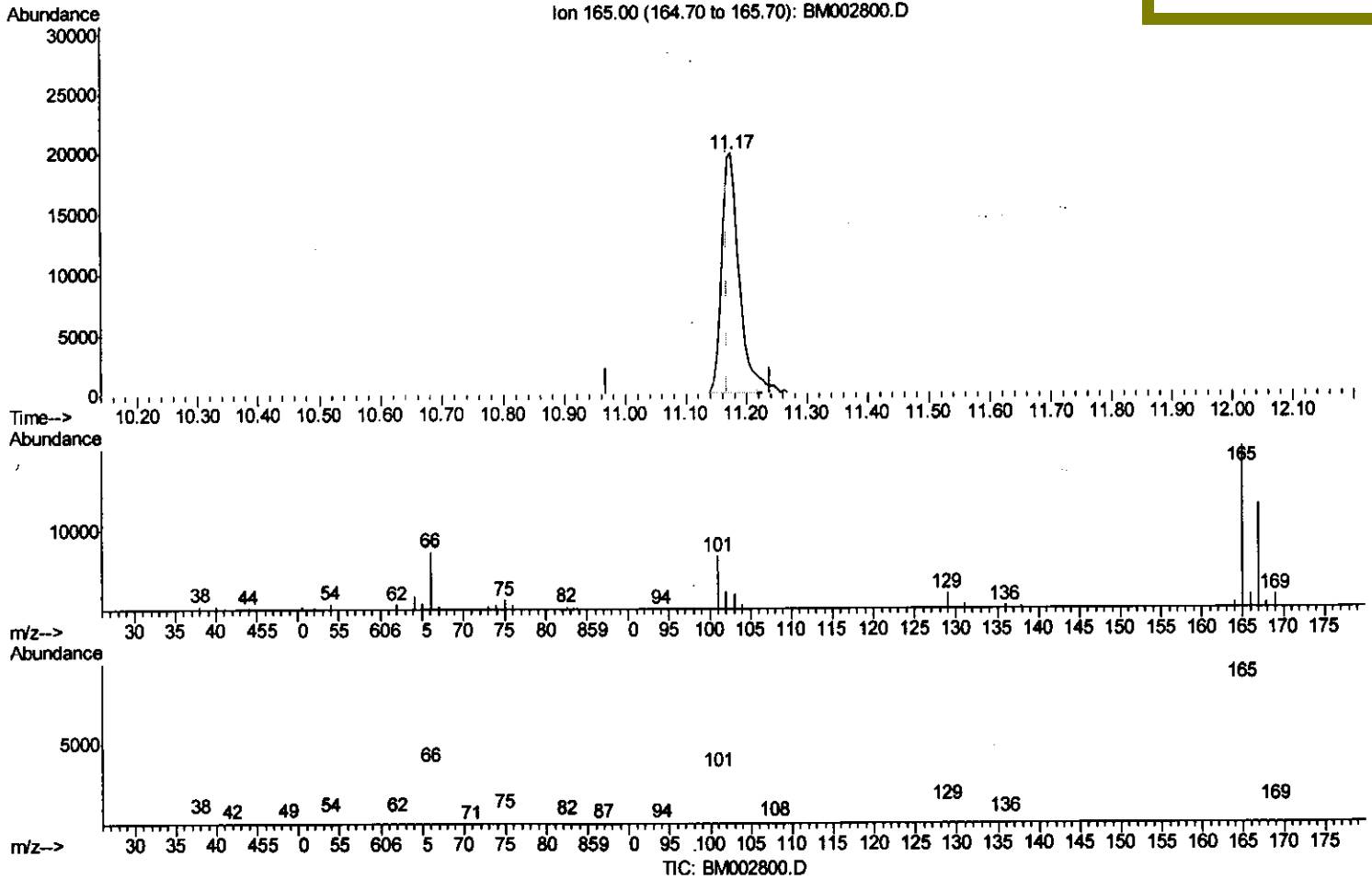
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Manual Integrations
 APPROVED

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(26) 2,4-Dichlorophenol-d3 (S)

11.175min (+0.006) 8.58ng/ui

response 38693

Ion	Exp%	Act%
165.00	100	100
167.00	61.90	64.24
101.00	32.10	33.82
0.00	0.00	0.00

Quantitation Report (Qedit)

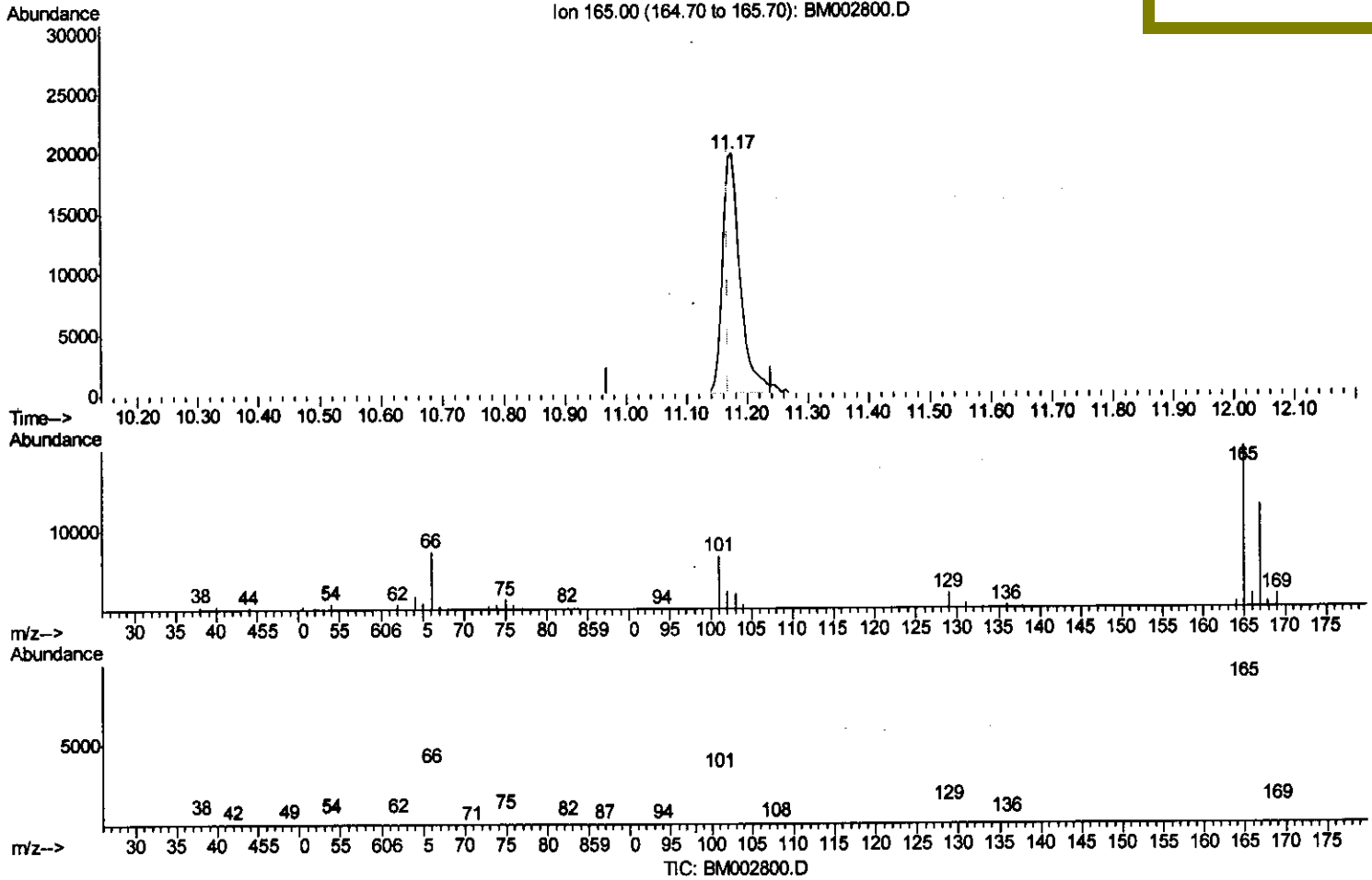
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 10/1/2015 4:44:26 PM



(26) 2,4-Dichlorophenol-d3 (S)

11.175min (+0.006) 8.94ng/ul m

response 40338

Ion	Exp%	Act%
165.00	100	100
167.00	61.90	64.24
101.00	32.10	33.82
0.00	0.00	0.00

U.M
 10/8/15

Quantitation Report (Qedit)

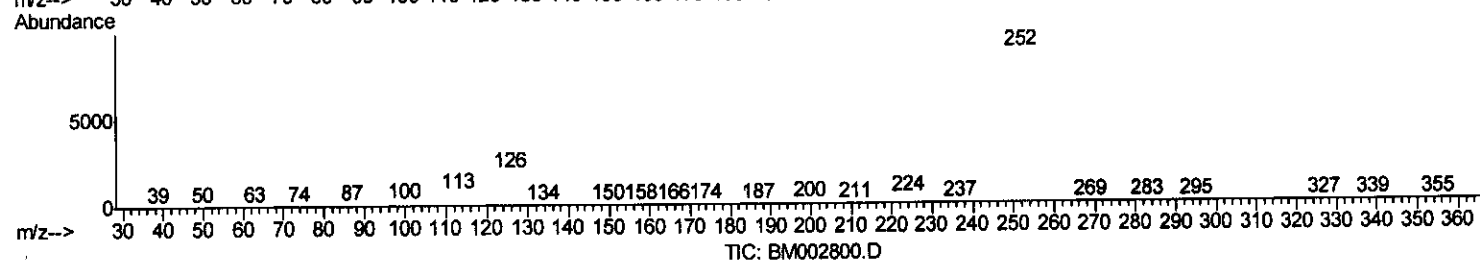
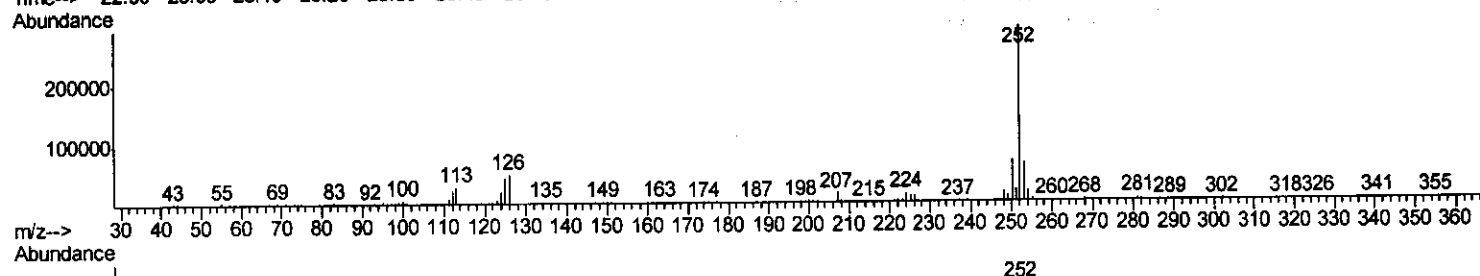
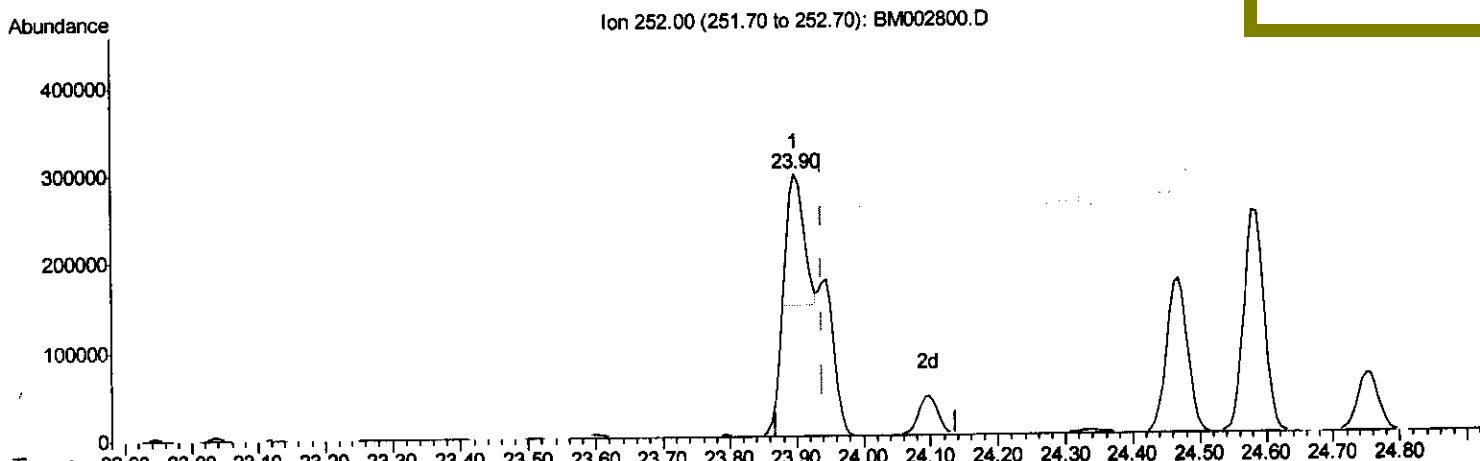
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Manual Integrations
 APPROVED

MMDadoda
 10/1/2015 4:44:26 PM



(89) Benzo(k)fluoranthene

23.897min (-0.041) 14.11ng/ul

response 245375

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.33
125.00	12.50	14.35
0.00	0.00	0.00

Quantitation Report (Qedit)

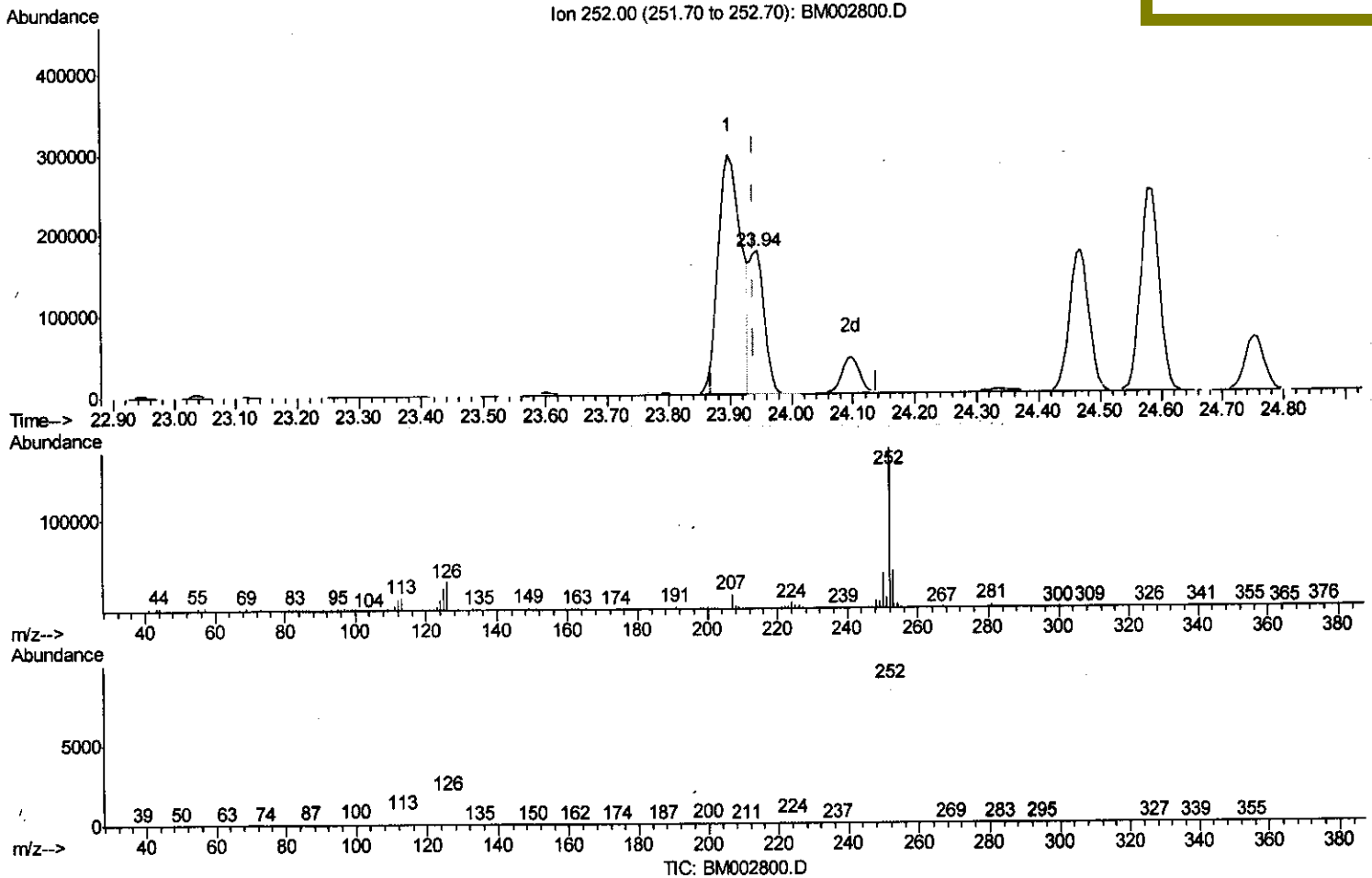
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 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

MMDadoda
 10/1/2015 4:44:26 PM



(89) Benzo(k)fluoranthene

23.944min (+0.006) 17.43ng/ul m *U.M*
10/8/15
 response 303283

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.31
125.00	12.50	13.55
0.00	0.00	0.00

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Manual Integrations
 APPROVED

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 10/1/2015 4:44:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	79890	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	320727	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.30	164	148434	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.01	188	281524	20.00	ng/ul	0.00
78) Chrysene-d12	22.10	240	285083	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	305876	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.78	96	2723	1.58	ng/uL	0.01
5) Phenol-d5	7.82	99	56230	9.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	31495	9.25	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	52441	9.31	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	43421	8.70	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	23327	9.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.63	143	23375	9.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.17	165	40338m	8.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.69	131	47090	8.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	117706	10.54	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	148425	9.96	ng/ul	0.00
52) 4-Nitrophenol-d4	15.48	143	12760	6.43	ng/ul	0.00
58) Fluorene-d10	16.27	176	99728	9.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.40	200	1363	0.99	ng/ul	0.00
71) Anthracene-d10	18.11	188	143250	10.66	ng/ul	0.00
79) Pyrene-d10	20.34	212	142432	10.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.53	264	168904	10.79	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.72	163	83430	7.35	ng/ul	100
50) Acenaphthene	15.36	153	22533	2.17	ng/ul	97
54) Dibenzofuran	15.69	168	18646	1.33	ng/ul	97
59) Fluorene	16.33	166	33831	2.93	ng/ul	93
70) Phenanthrene	18.06	178	802749	49.29	ng/ul	100
72) Anthracene	18.14	178	139496	8.42	ng/ul	99
75) Carbazole	18.40	167	80461	5.56	ng/ul	98
77) Fluoranthene	20.02	202	1495720	88.95	ng/ul	99
80) Pyrene	20.37	202	1143508	63.15	ng/ul	98
81) Butylbenzylphthalate	21.17	149	8932	1.10	ng/ul	95
83) Benzo(a)anthracene	22.08	228	529404	31.24	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.92	149	22712	1.86	ng/ul#	98
85) Chrysene	22.14	228	577186	36.11	ng/ul	97
88) Benzo(b)fluoranthene	23.90	252	767641	41.77	ng/ul	98
89) Benzo(k)fluoranthene	23.94	252	303283m	17.43	ng/ul	98
91) Benzo(a)pyrene	24.58	252	532294	30.16	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	27.43	276	410955	19.96	ng/ul#	91
93) Dibenzo(a,h)anthracene	27.41	278	97260	5.59	ng/ul#	76
94) Benzo(g,h,i)perylene	28.29	276	370837	21.39	ng/ul	98

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