

(QT/LSC Reviewed)

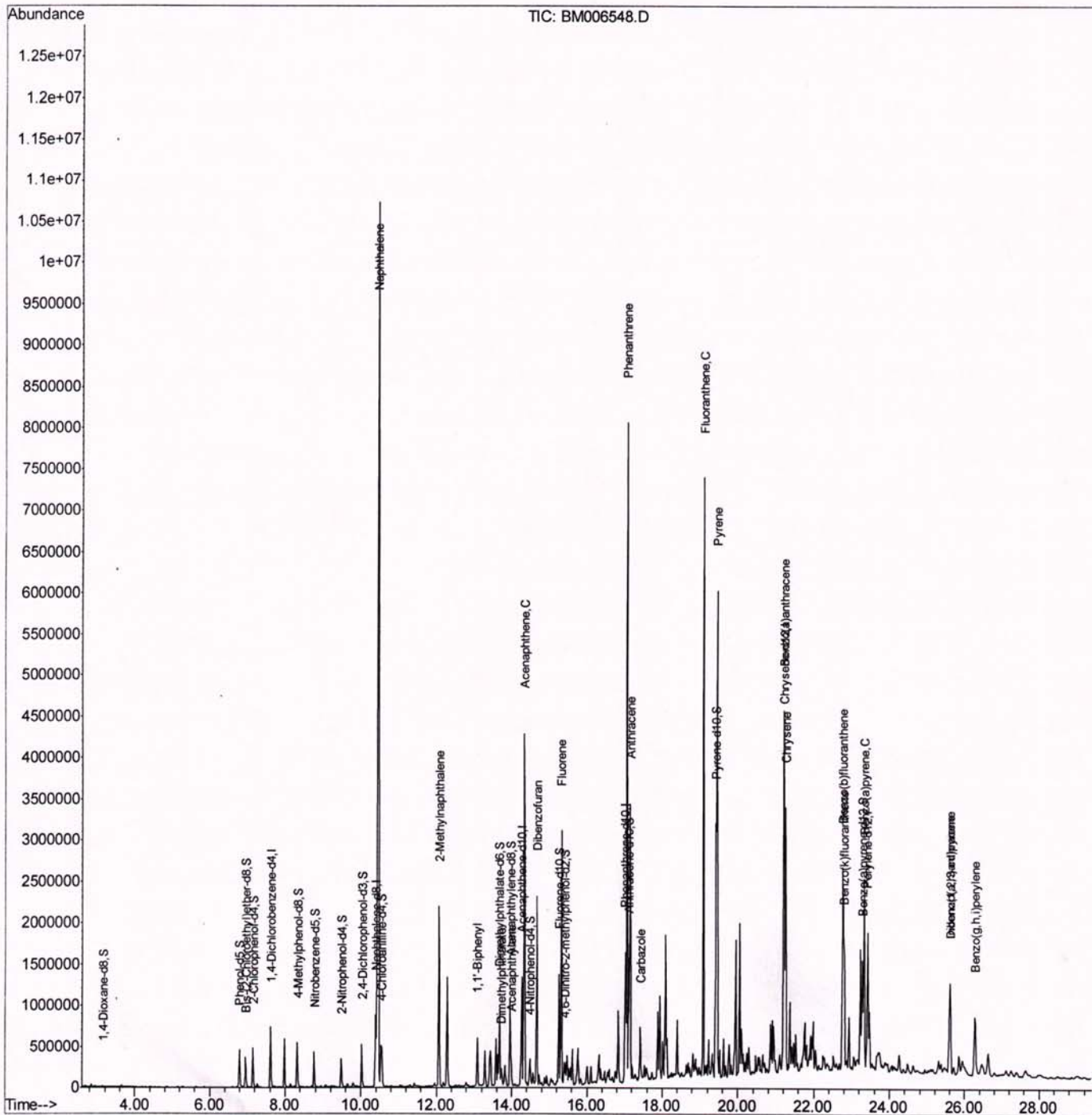
```
Data Path: Z:\HPCHEM1\BNA_M\Data\BM071916\  
Data File: BM006548.D  
Acq On: 20 Jul 2016 09:30  
Operator: UM/SJ  
Sample: H3959-03  
Misc:  
ALS Vial: 27 Sample Multiplier: 1
```

Instrument :
BNA_M
ClientSampleId :
BDJ22

Manual Integrations

sohil
7/20/2016 7:48:09 PM

Quant Time: Jul 20 13:57:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 04:22:37 2016
Response via : Initial Calibration



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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	190962	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	793804	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	433393	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	962699	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1033034	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1190290	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	6509	1.44	ng/uL	0.00
5) Phenol-d5	6.79	99	254118	16.24	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.95	67	170031	17.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	203427	16.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	203087	16.33	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	96587	16.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	104166	15.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	188105	14.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	265090	19.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	572960	16.15	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	728899	16.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	61201	9.93	ng/ul	0.00
57) Fluorene-d10	15.26	176	519834	16.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	41197	7.40	ng/ul	0.00
70) Anthracene-d10	17.12	188	767875	16.87	ng/ul	0.00
76) Pyrene-d10	19.42	212	829654	17.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	924266	16.98	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.46	128	10204413	253.27 ng/ul	99
34) 2-Methylnaphthalene	12.06	142	1114462	36.71 ng/ul	98
40) 1,1'-Biphenyl	13.09	154	323395	9.05 ng/ul	100
44) Dimethylphthalate	13.72	163	113447	3.15 ng/ul	99
47) Acenaphthylene	13.98	152	158471	3.47 ng/ul#	96
49) Acenaphthene	14.33	153	1870371	63.65 ng/ul	98
53) Dibenzofuran	14.67	168	1432418	33.48 ng/ul	100
58) Fluorene	15.32	166	1428134	41.74 ng/ul	100
69) Phenanthrene	17.06	178	5500055	103.90 ng/ul	98
71) Anthracene	17.15	178	2114792	38.84 ng/ul	99
72) Carbazole	17.42	167	367102	7.97 ng/ul	98
74) Fluoranthene	19.09	202	5030406	81.77 ng/ul	96
77) Pyrene	19.45	202	4140348	67.13 ng/ul	96
80) Benzo(a)anthracene	21.20	228	2059388	32.66 ng/ul	97
82) Chrysene	21.25	228	1781389	30.01 ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	2392820	33.64 ng/ul	98
86) Benzo(k)fluoranthene	22.79	252	689623m	10.31 ng/ul	
88) Benzo(a)pyrene	23.31	252	1700471	24.96 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.60	276	1062090	13.40 ng/ul	96
90) Dibenzo(a,h)anthracene	25.60	278	282769	4.29 ng/ul#	83
91) Benzo(g,h,i)perylene	26.27	276	861455	12.29 ng/ul	99

U.A.
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Quantitation Report (Qedit)

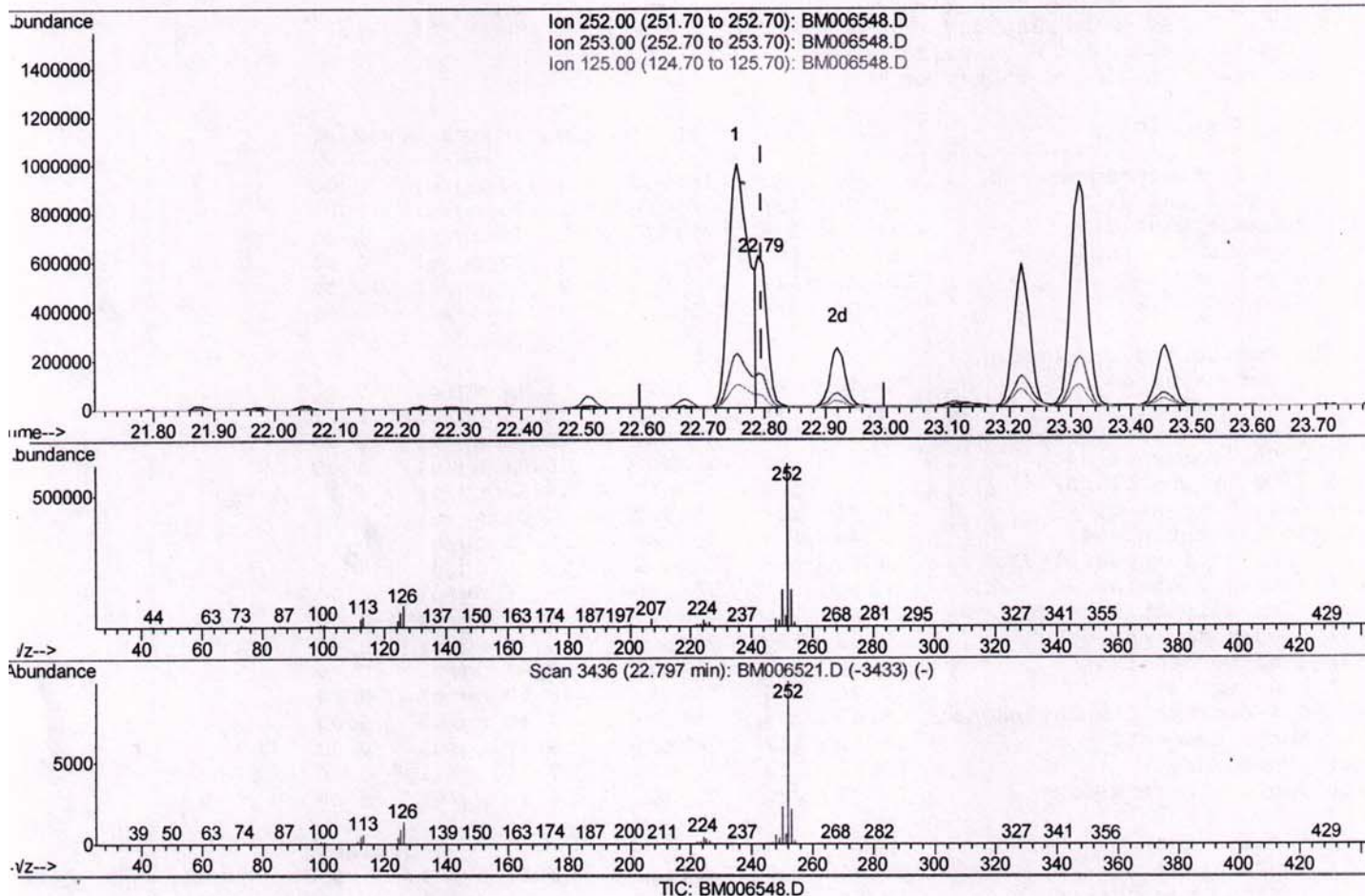
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(86) Benzo(k)fluoranthene
 22.791min (-0.006) 10.31ng/ul m
 response 689623

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.78
125.00	8.70	8.98
0.00	0.00	0.00

U.M.
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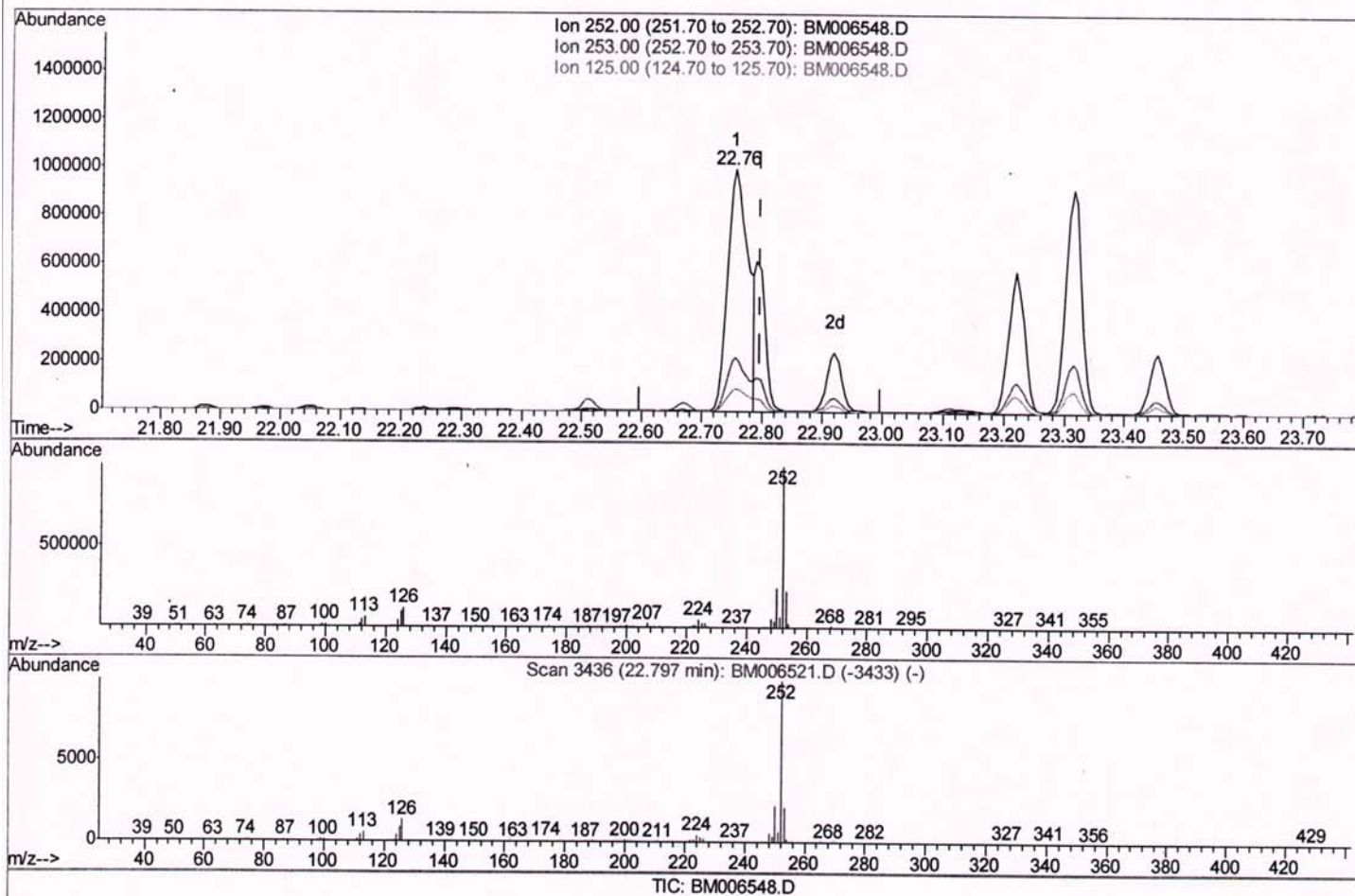
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(86) Benzo(k)fluoranthene

22.756min (-0.041) 35.76ng/ul

response 2392820

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.40
125.00	8.70	9.61
0.00	0.00	0.00