

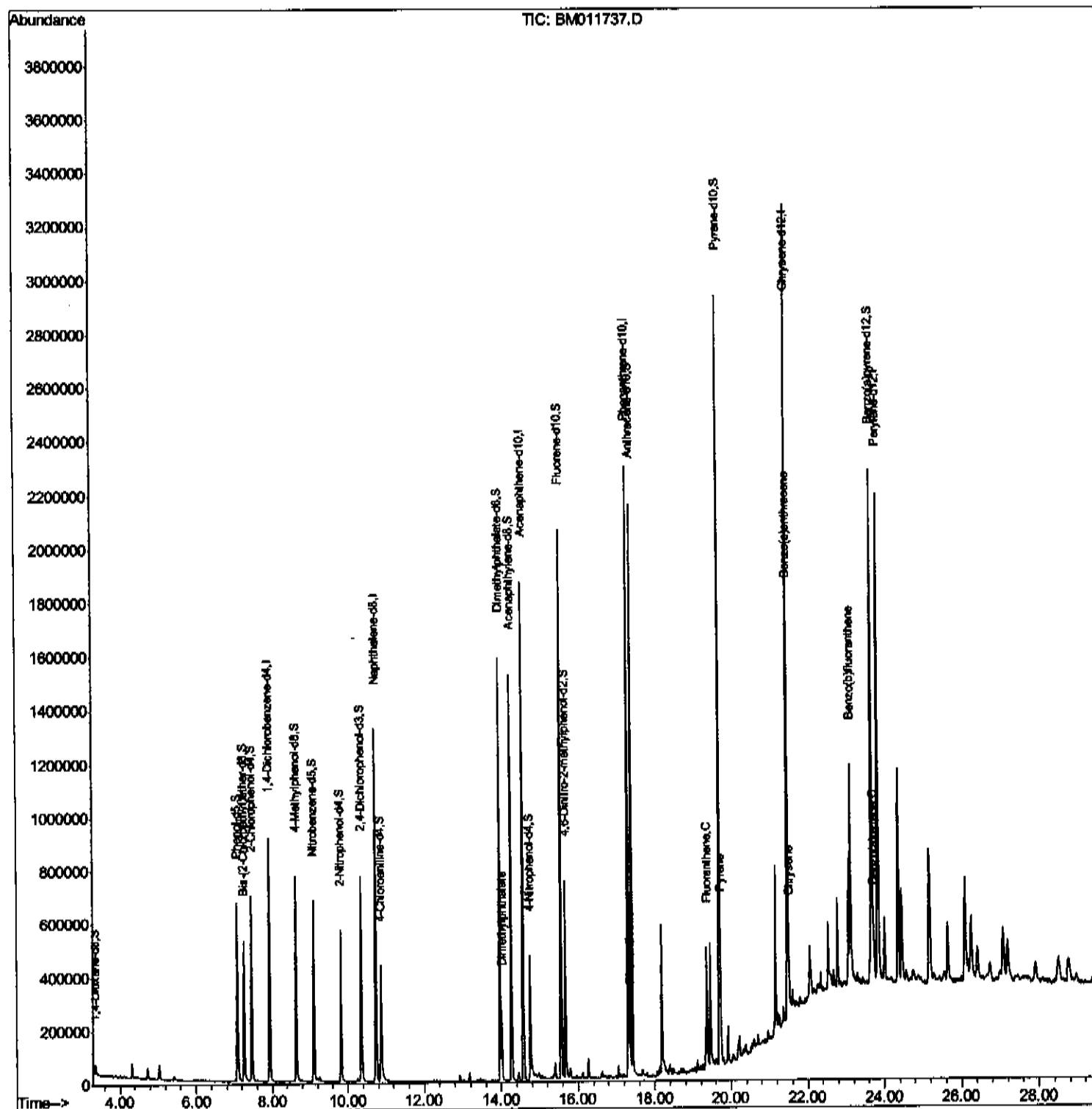
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011737.D
Acq On : 27 Sep 2017 23:33
Operator : SJ/JU
Sample : I5377-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
CB3D7

Manual Integrations
APPROVED

Sohil
9/29/2017 2:22:50 PM

Quant Time: Sep 28 04:44:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:06:20 2017
Response via : Initial Calibration



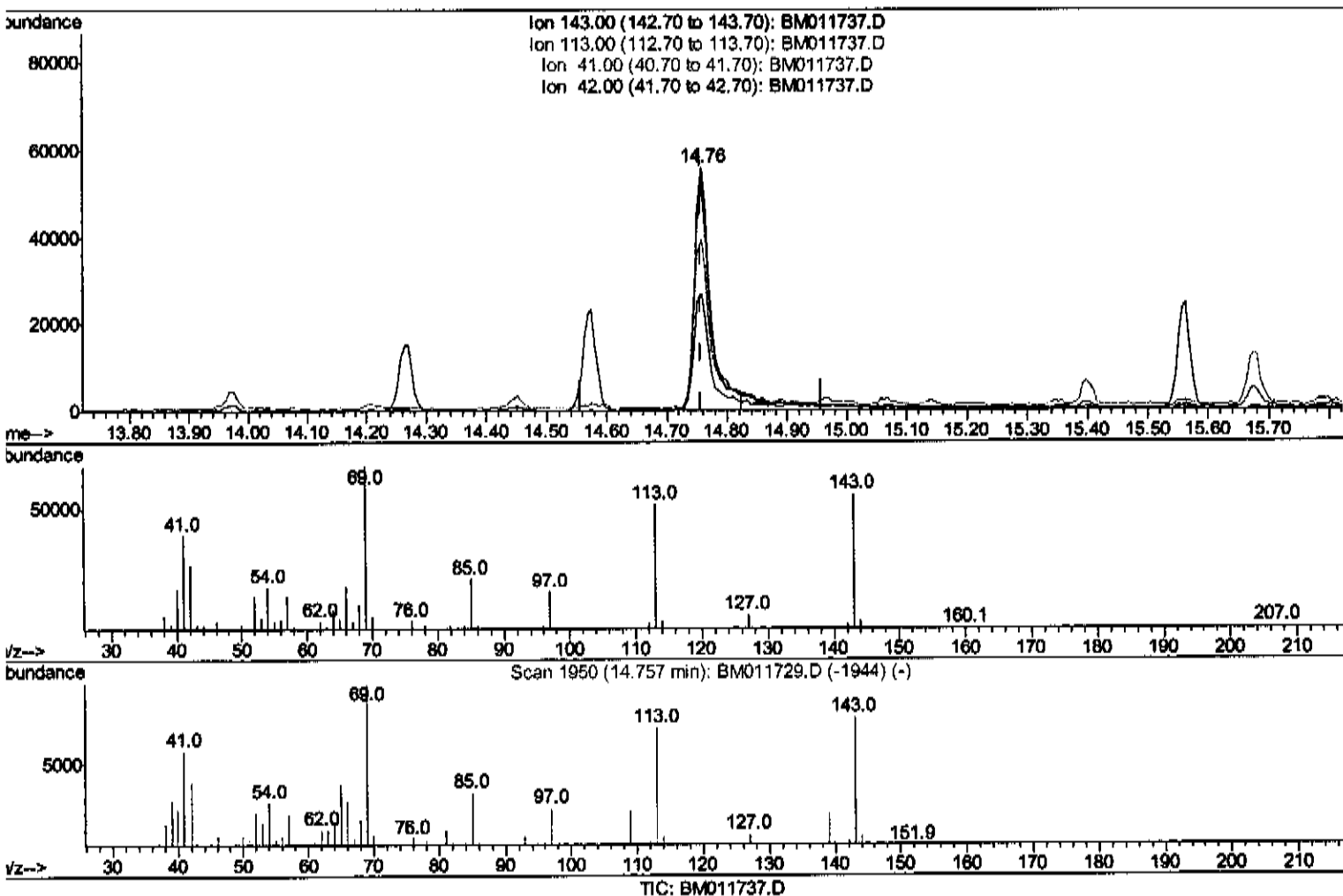
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(51) 4-Nitrophenol-d4 (S)

14.757min (+0.000) 12.34ng/ul

response 101970

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	92.94
41.00	34.80	70.59#
42.00	20.50	48.39#

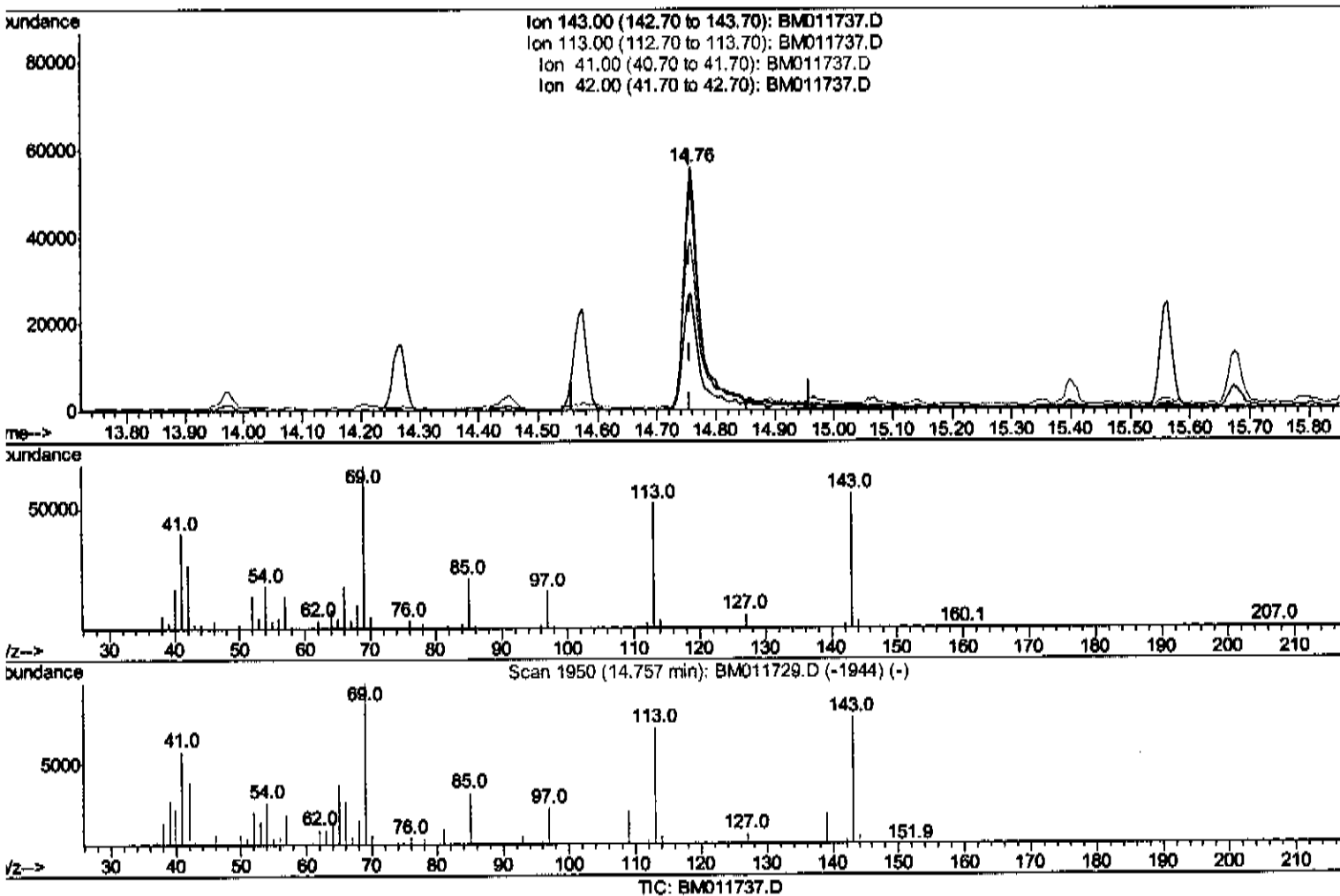
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(51) 4-Nitrophenol-d4 (S)

14.757min (+0.000) 12.98ng/ul m

response 107237

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	92.94
41.00	34.80	70.59#
42.00	20.50	48.39#

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Manual Integrations
 APPROVED

Sohil
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Quant Time: Sep 28 04:44:44 2017
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:06:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	213989	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	989757	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	563800	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.31	188	1280850	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1413699	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1345816	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	15247	3.18	ng/uL	0.00
5) Phenol-d5	7.09	99	323948	15.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	266162	17.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	265745	16.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	262212	15.91	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	130955	16.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	141638	17.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	254356	16.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	234664	13.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	917127	18.97	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1047201	17.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	107237m	12.98	ng/ul	>0.00
57) Fluorene-d10	15.56	176	767916	18.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	115773	13.34	ng/ul	0.00
70) Anthracene-d10	17.41	188	1177130	18.06	ng/ul	0.00
76) Pyrene-d10	19.70	212	1411737	20.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	1213934	18.84	ng/ul	0.00

Target Compounds				Ovalue	
44) Dimethylphthalate	14.02	163	146782	3.174	ng/ul 98
69) Phenanthrene	17.36	178	92060	1.284	ng/ul 96
74) Fluoranthene	19.36	202	231239	2.642	ng/ul# 90
77) Pvrene	19.73	202	217534	2.582	ng/ul# 91
80) Benzo(a)anthracene	21.46	228	127194	1.608	ng/ul 97
82) Chrysene	21.52	228	136331	1.828	ng/ul 98
85) Benzo(b)fluoranthene	23.13	252	171920	2.165	ng/ul# 88
88) Benzo(a)pyrene	23.74	252	100419	1.309	ng/ul# 94

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