

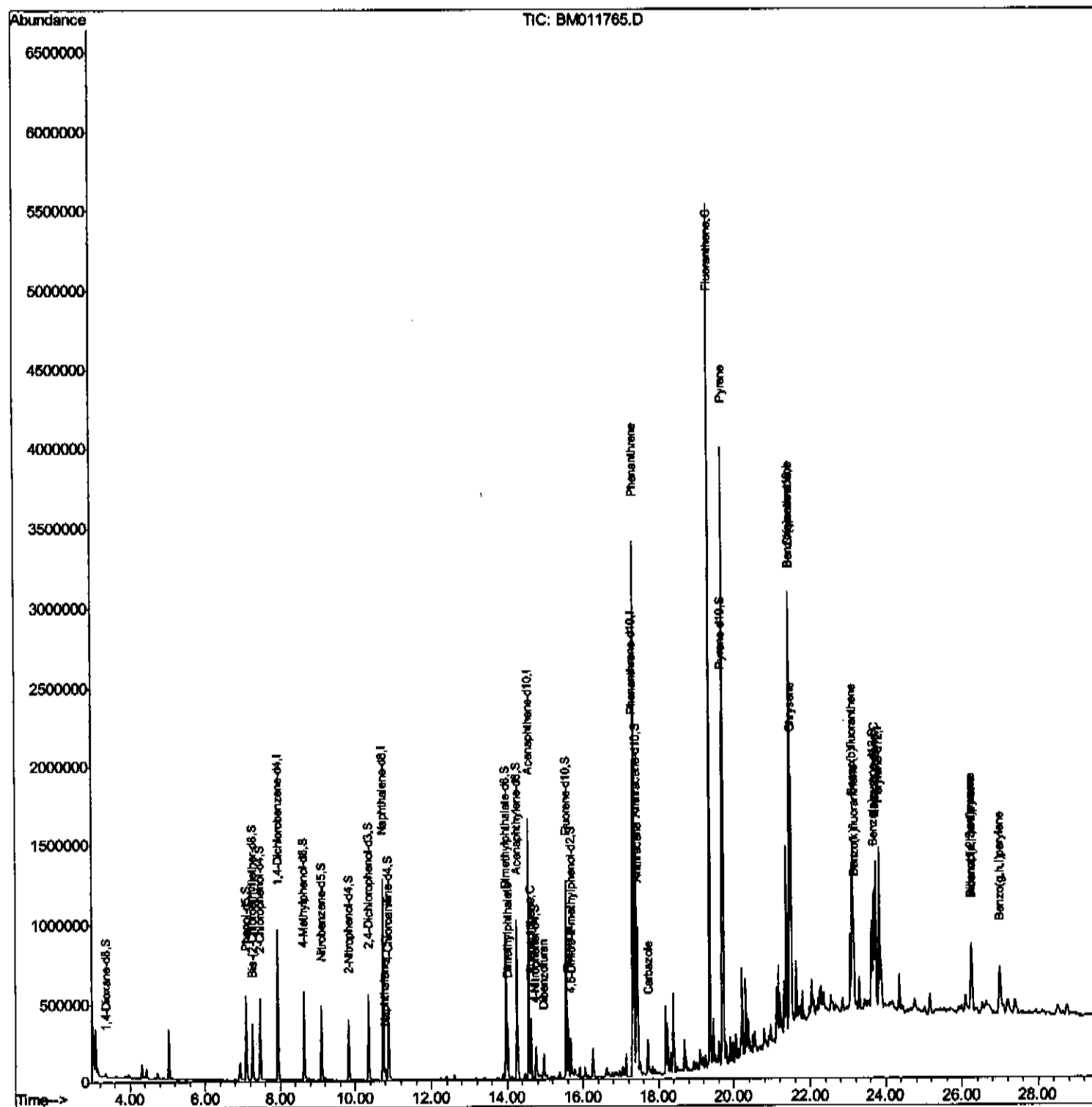
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
Data File : BM011765.D
Acq On : 29 Sep 2017 13:58
Operator : SJ/JU
Sample : I5505-02DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
B0AD5DL

Manual Integrations
APPROVED

Sohil
10/2/2017 5:40:57 PM

Quant Time: Sep 30 00:17:49 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



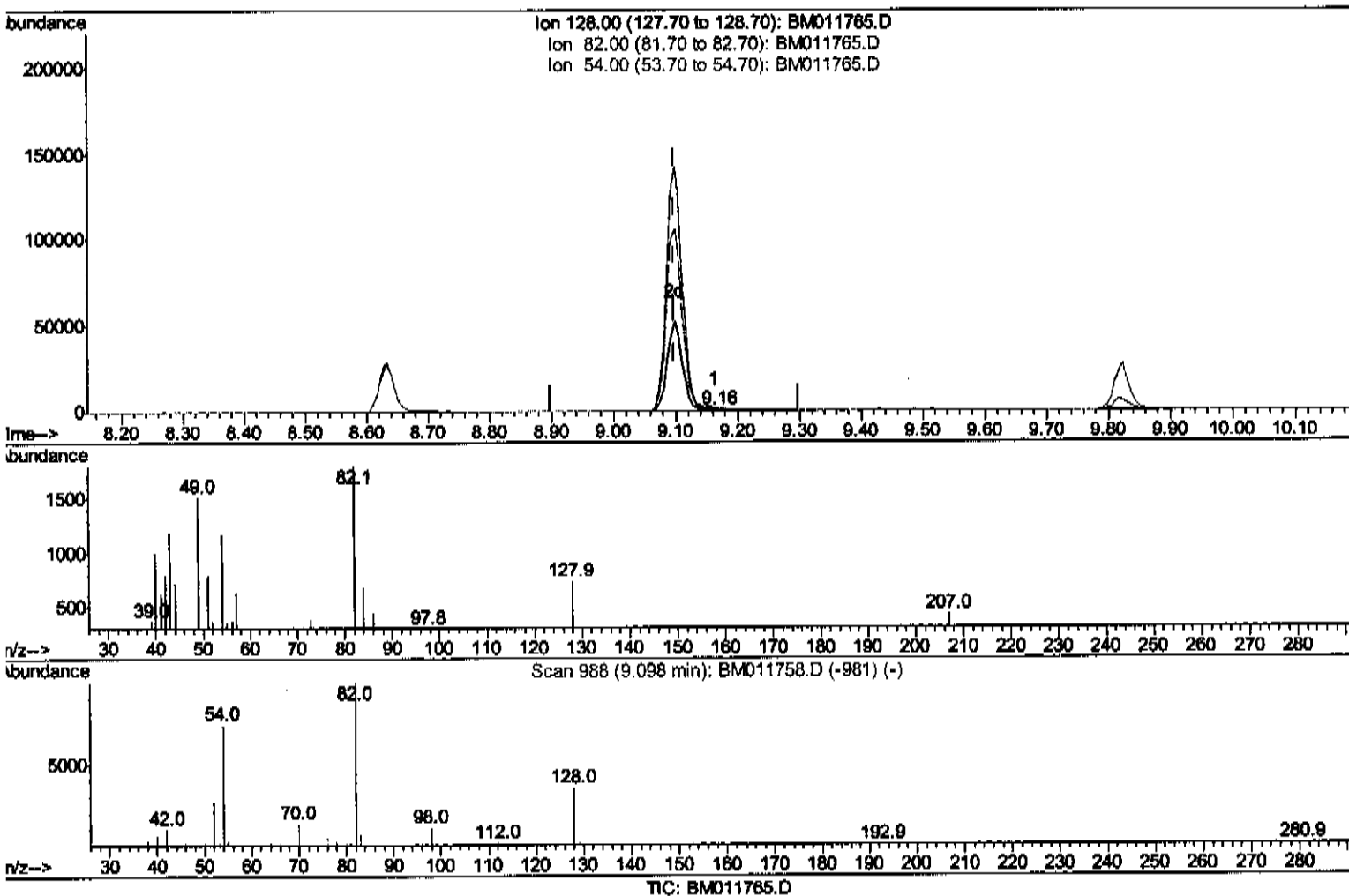
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(19) Nitrobenzene-d5 (S)

9.163min (+0.065) 0.17ng/ul

response 1263

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	243.24
54.00	142.70	158.82
0.00	0.00	0.00

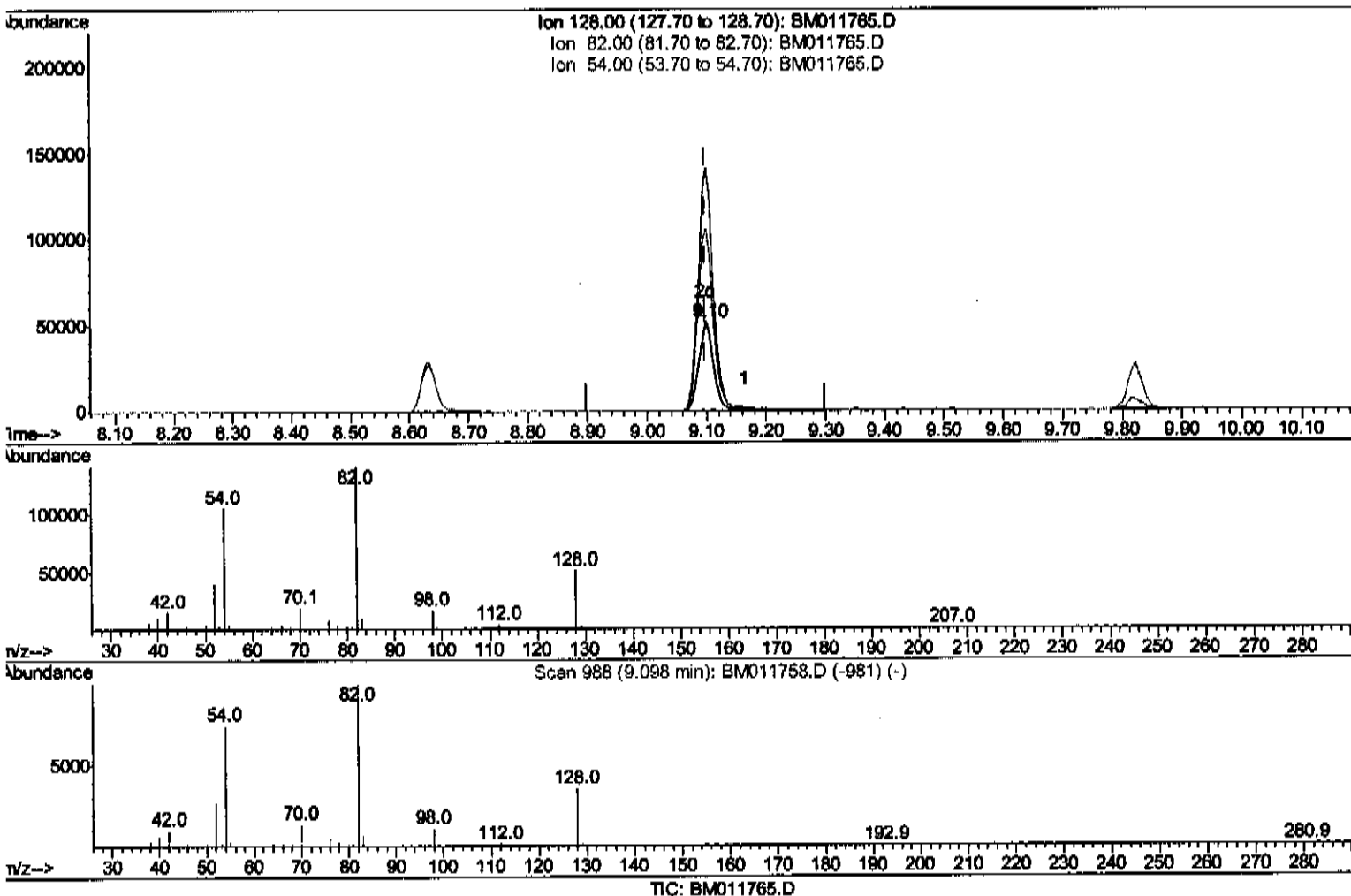
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(19) Nitrobenzene-d5 (S)

9.098min (+0.000) 11.99ng/ul m

response 88174

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	275.44
54.00	142.70	205.31#
0.00	0.00	0.00

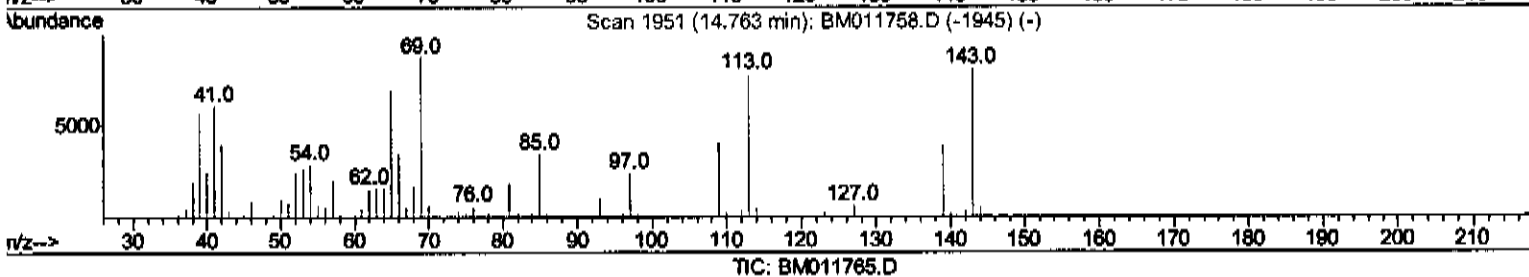
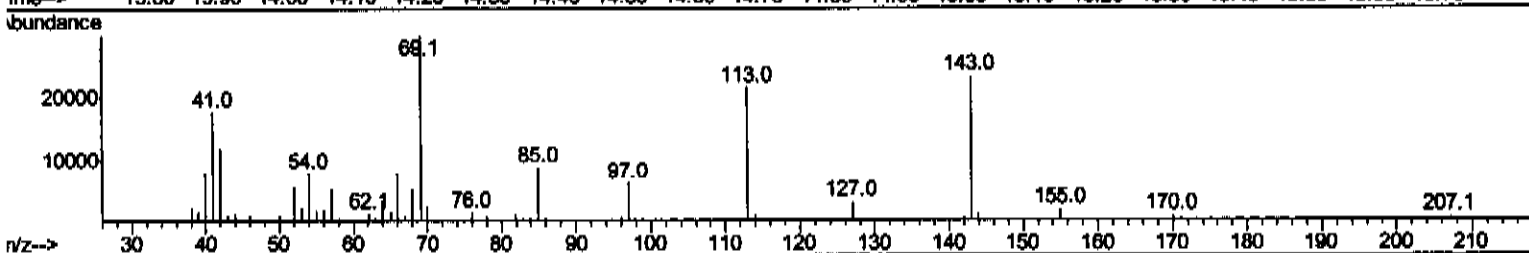
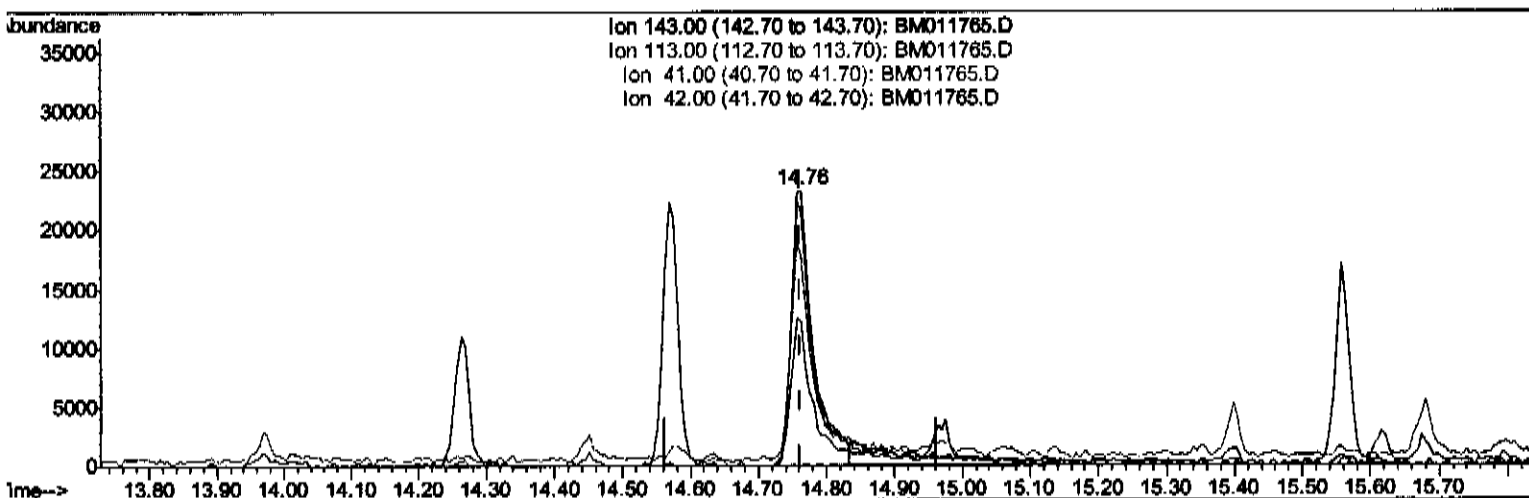
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(51) 4-Nitrophenol-d4 (S)

14.763min (+0.000) 6.76ng/ui

response 51651

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	92.36
41.00	34.80	75.83#
42.00	20.50	52.19#

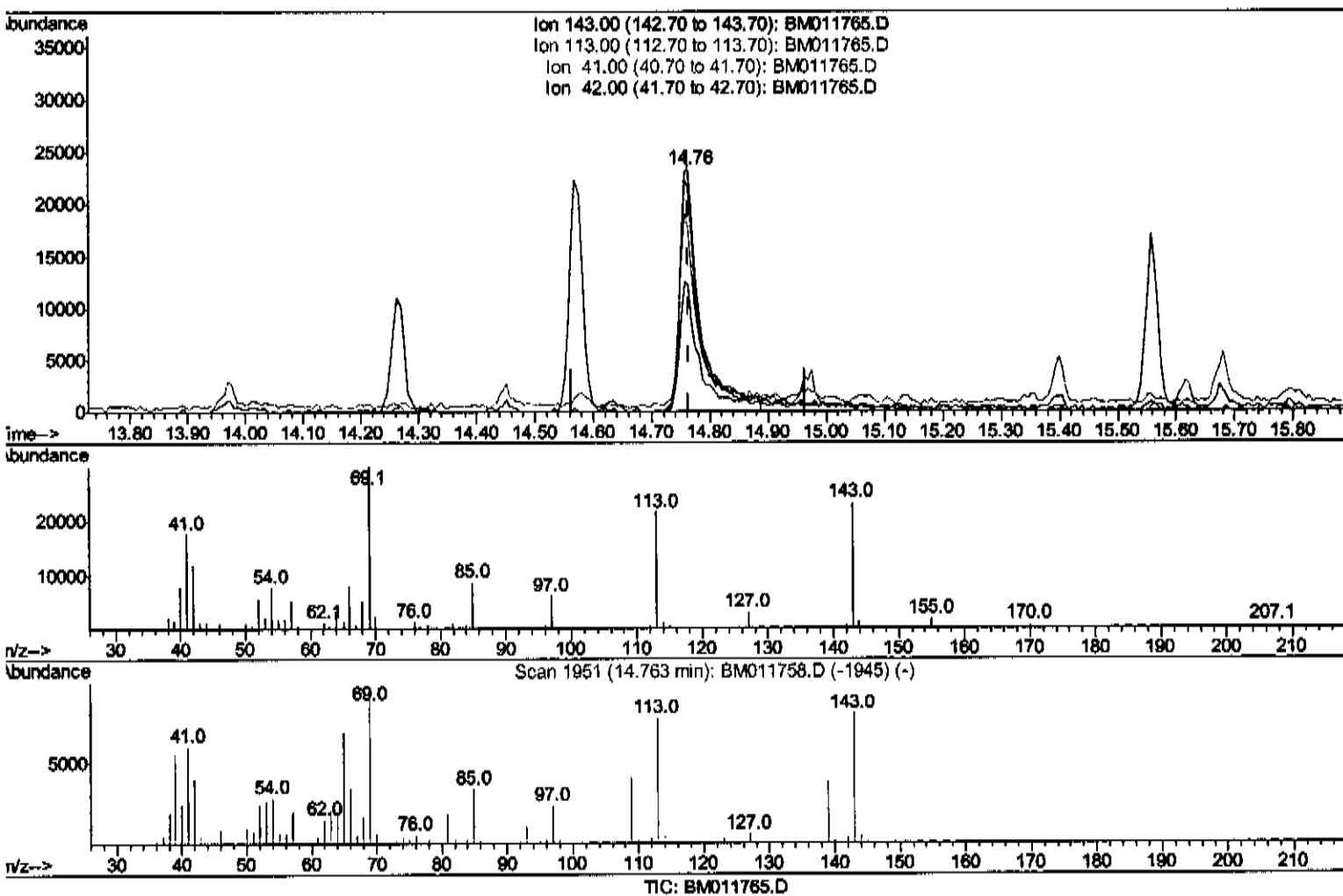
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(51) 4-Nitrophenol-d4 (S)

14.763min (+0.000) 7.36ng/ul m 5d 10/6/17

response 56213

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	92.36
41.00	34.80	75.83#
42.00	20.50	52.19#

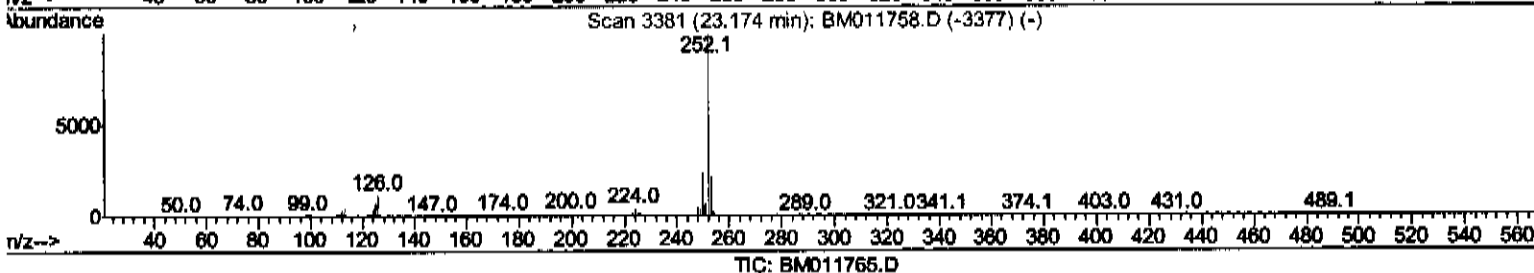
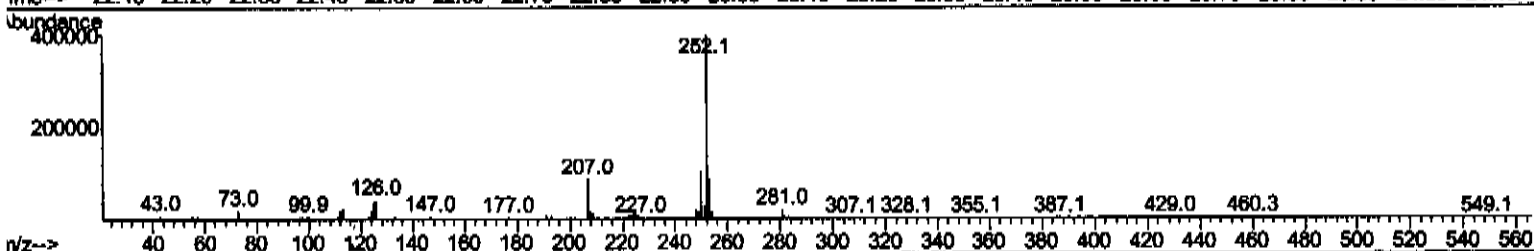
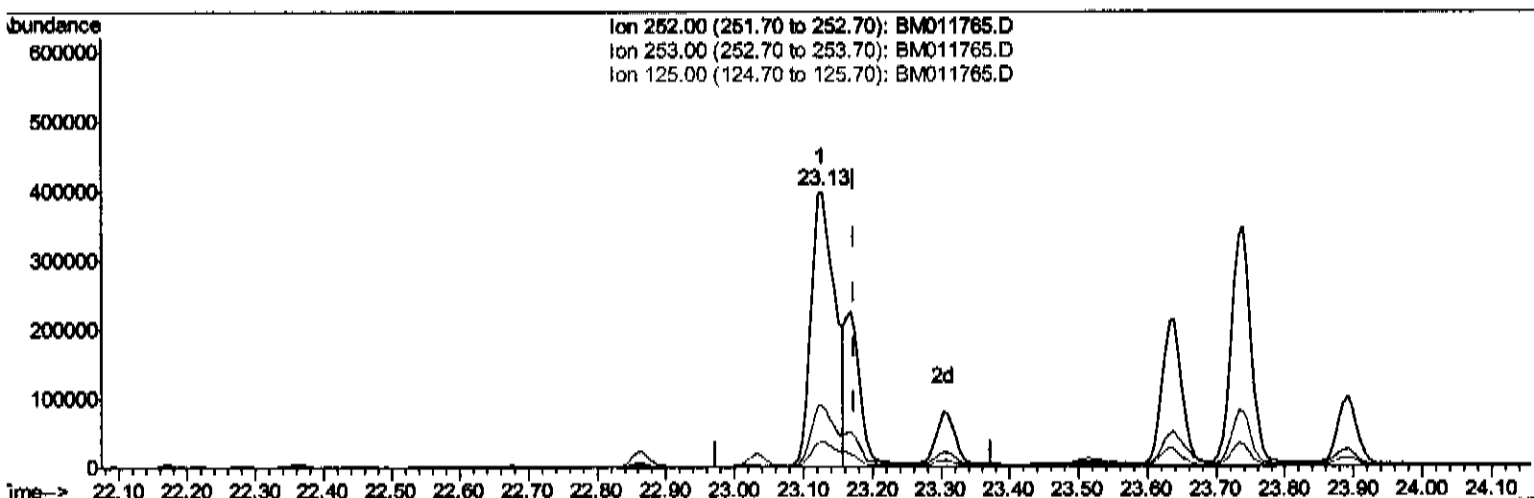
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(86) Benzo(k)fluoranthene

23.127min (-0.047) 21.17ng/ul

response 973065

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.71
125.00	4.30	9.62#
0.00	0.00	0.00

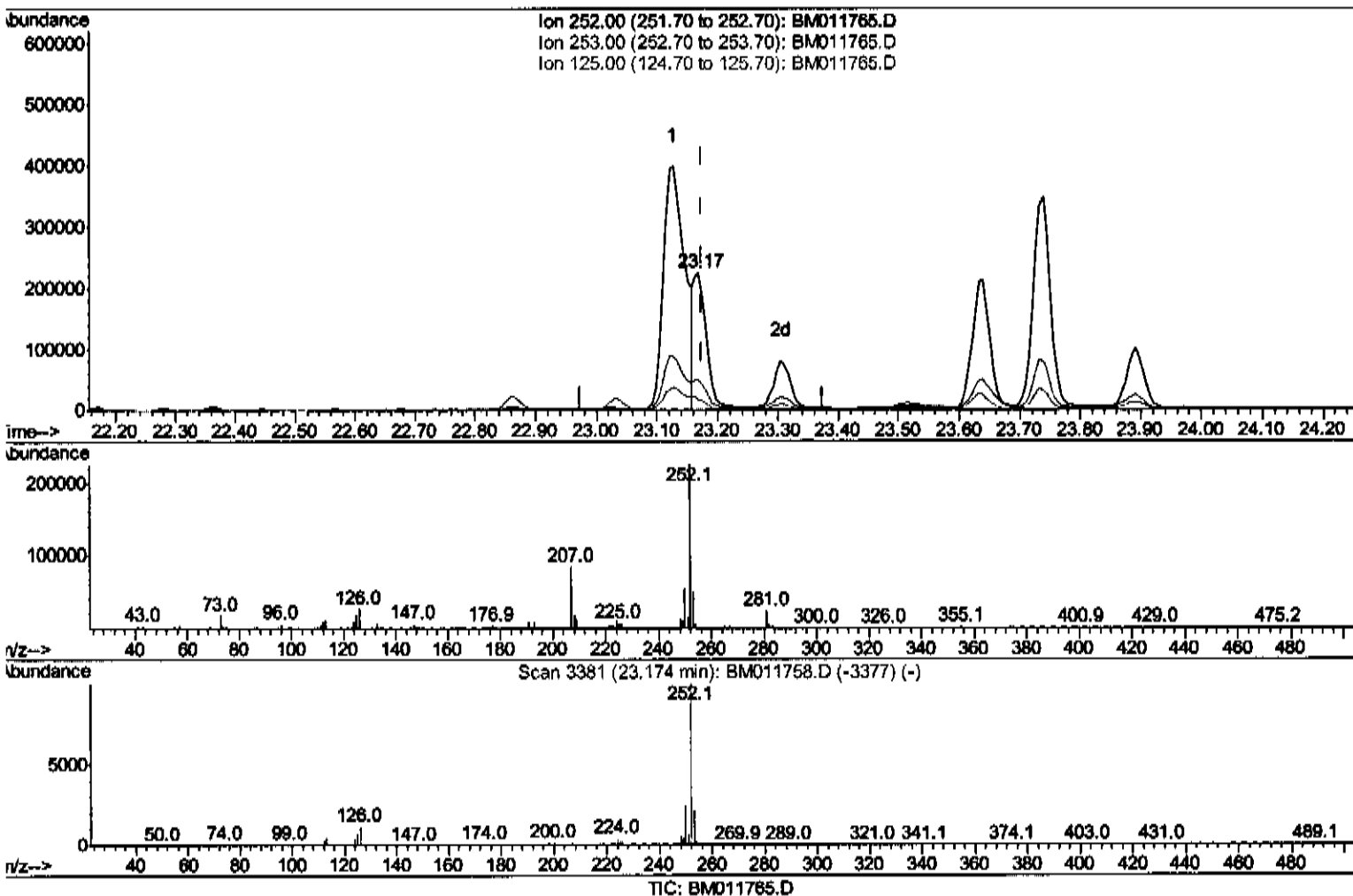
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Response via : Initial Calibration



(86) Benzo(k)fluoranthene

23.168min (-0.006) 7.30ng/ul m

response 335622

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.65
125.00	4.30	8.37#
0.00	0.00	0.00

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 Operator : SJ/JU
 Sample : I5505-02DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	213861	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	942881	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	520958	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1122787	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	932298	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	763668	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	9798	2.04	ng/uL	0.00
5) Phenol-d5	7.09	99	238536	11.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	176255	11.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	194540	12.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	188365	11.43	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	88174m	11.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	97218	12.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	179311	11.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	222204	13.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	560958	12.55	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	664465	12.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	56213m	7.36	ng/ul	0.00
57) Fluorene-d10	15.56	176	464043	12.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	41181	5.41	ng/ul	0.00
70) Anthracene-d10	17.41	188	721425	12.63	ng/ul	0.00
76) Pyrene-d10	19.70	212	758321	17.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	472386	12.92	ng/ul	0.00

Target Compounds

				Ovalue	
28) Naphthalene	10.79	128	52062	1.056	ng/ul 99
44) Dimethylphthalate	14.02	163	205921	4.819	ng/ul 98
49) Acenaphthene	14.63	153	149523	4.050	ng/ul 98
53) Dibenzofuran	14.97	168	85933	1.695	ng/ul 96
58) Fluorene	15.62	166	151481	3.528	ng/ul 94
69) Phenanthrene	17.36	178	1870968	29.773	ng/ul 98
71) Anthracene	17.44	178	519528	8.024	ng/ul 98
72) Carbazole	17.72	167	142710	2.516	ng/ul# 95
74) Fluoranthene	19.36	202	3060805	39.893	ng/ul# 90
77) Pyrene	19.73	202	2324823	41.845	ng/ul# 90
80) Benzo(a)anthracene	21.46	228	991383	19.007	ng/ul 97
82) Chrysene	21.52	228	853262	17.345	ng/ul 96
85) Benzo(b)fluoranthene	23.13	252	973065	21.596	ng/ul# 96
86) Benzo(k)fluoranthene	23.17	252	335622m	7.302	ng/ul 97
88) Benzo(a)pyrene	23.74	252	673174	15.469	ng/ul# 97
89) Indeno(1,2,3-cd)pyrene	26.26	276	426285	9.408	ng/ul# 94
90) Dibenzo(a,h)anthracene	26.26	278	98365	2.592	ng/ul# 89
91) Benzo(a,h,i)perylene	27.00	276	385986	10.263	ng/ul# 92

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