

Quantitation Report (QT Reviewed)

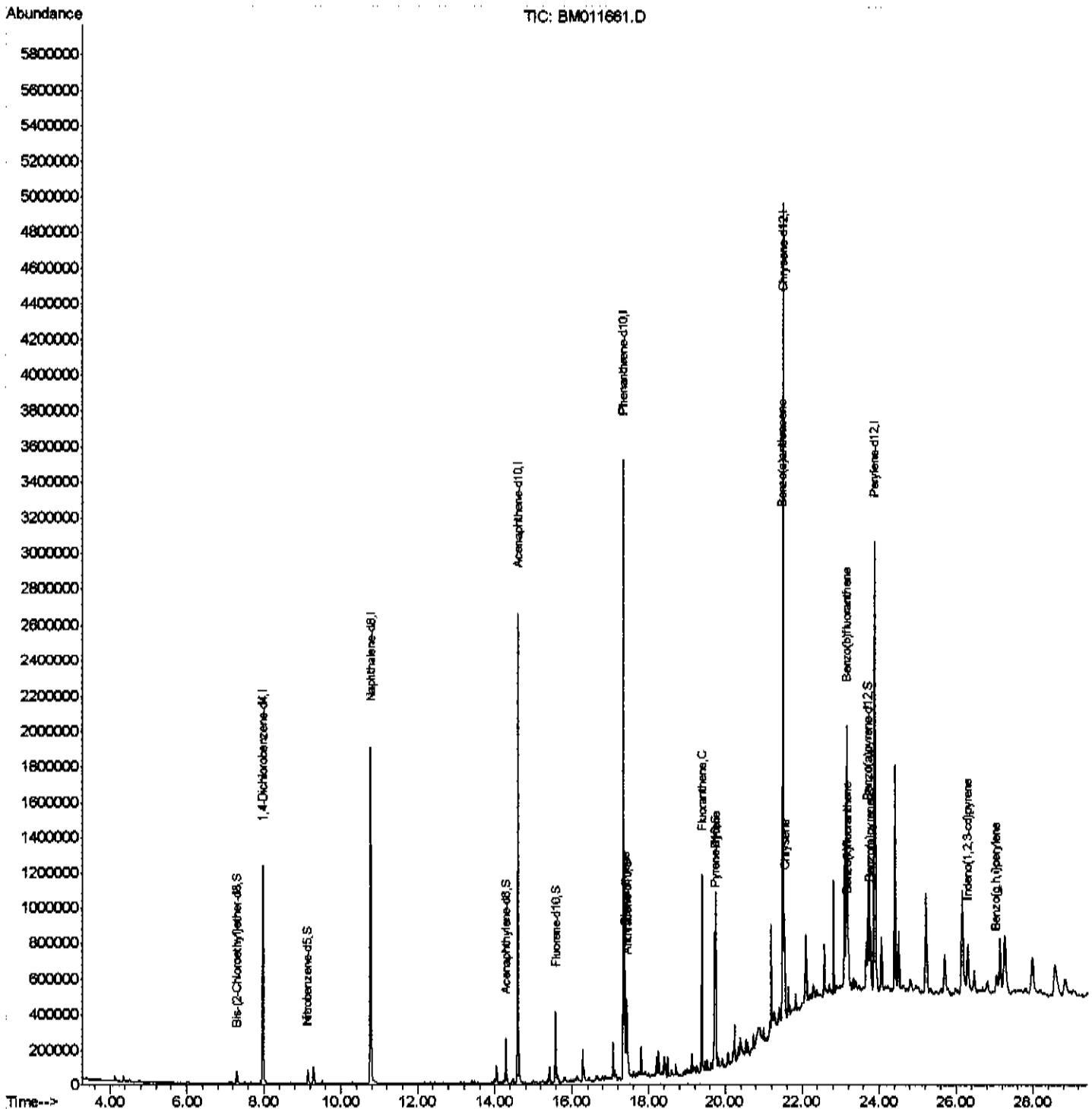
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011661.D
 Acq On : 21 Sep 2017 19:38
 Operator : SJ/JU
 Sample : I5283-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 CB3A9

Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:06:10 PM

Quant Time: Sep 22 07:56:58 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 03:47:29 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

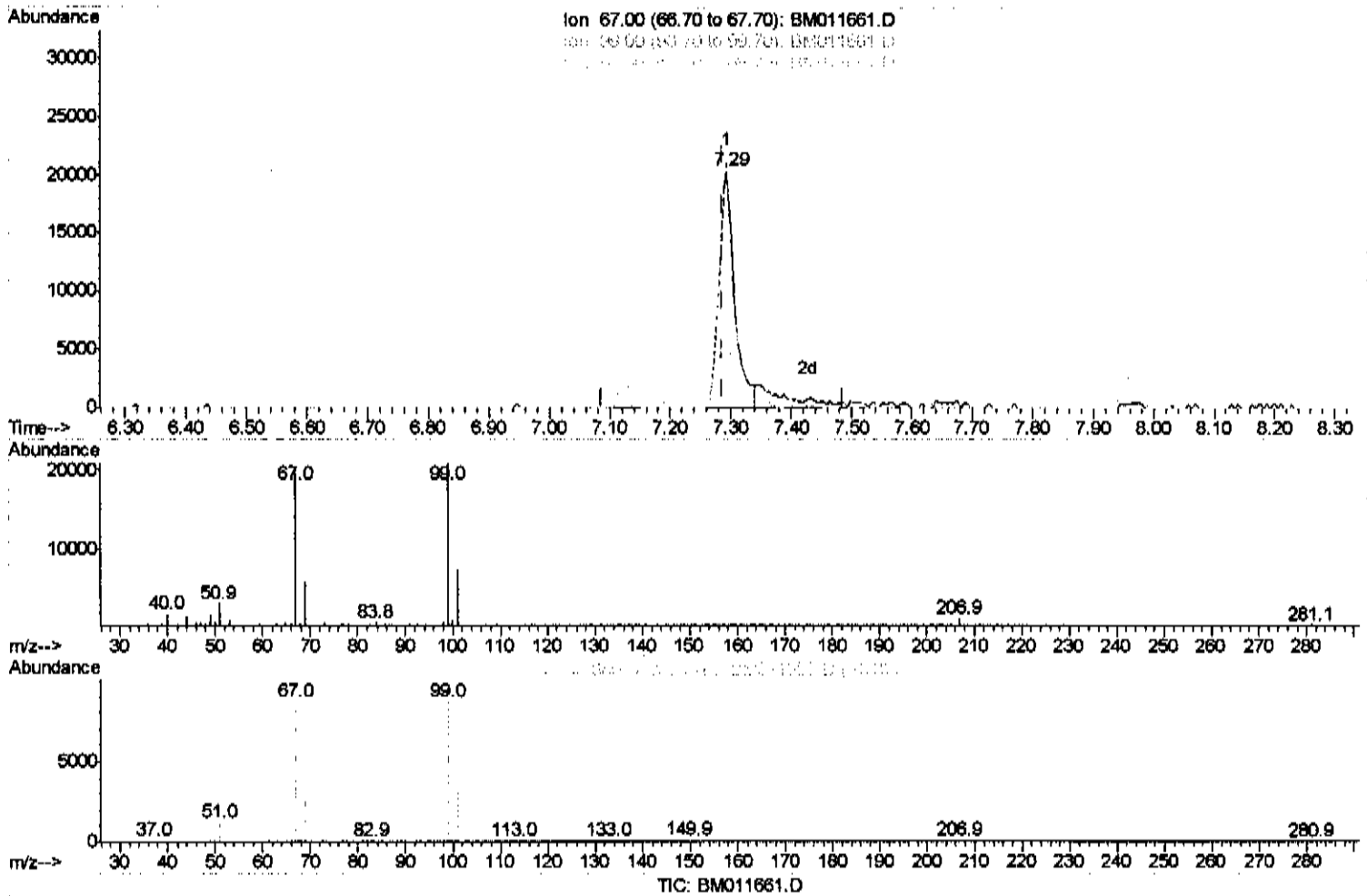
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(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.293min (+0.006) 1.76ng/ul

response 36645

Ion	Exp%	Act%
67.00	100	100
99.00	117.60	102.43
69.00	33.70	29.27
0.00	0.00	0.00

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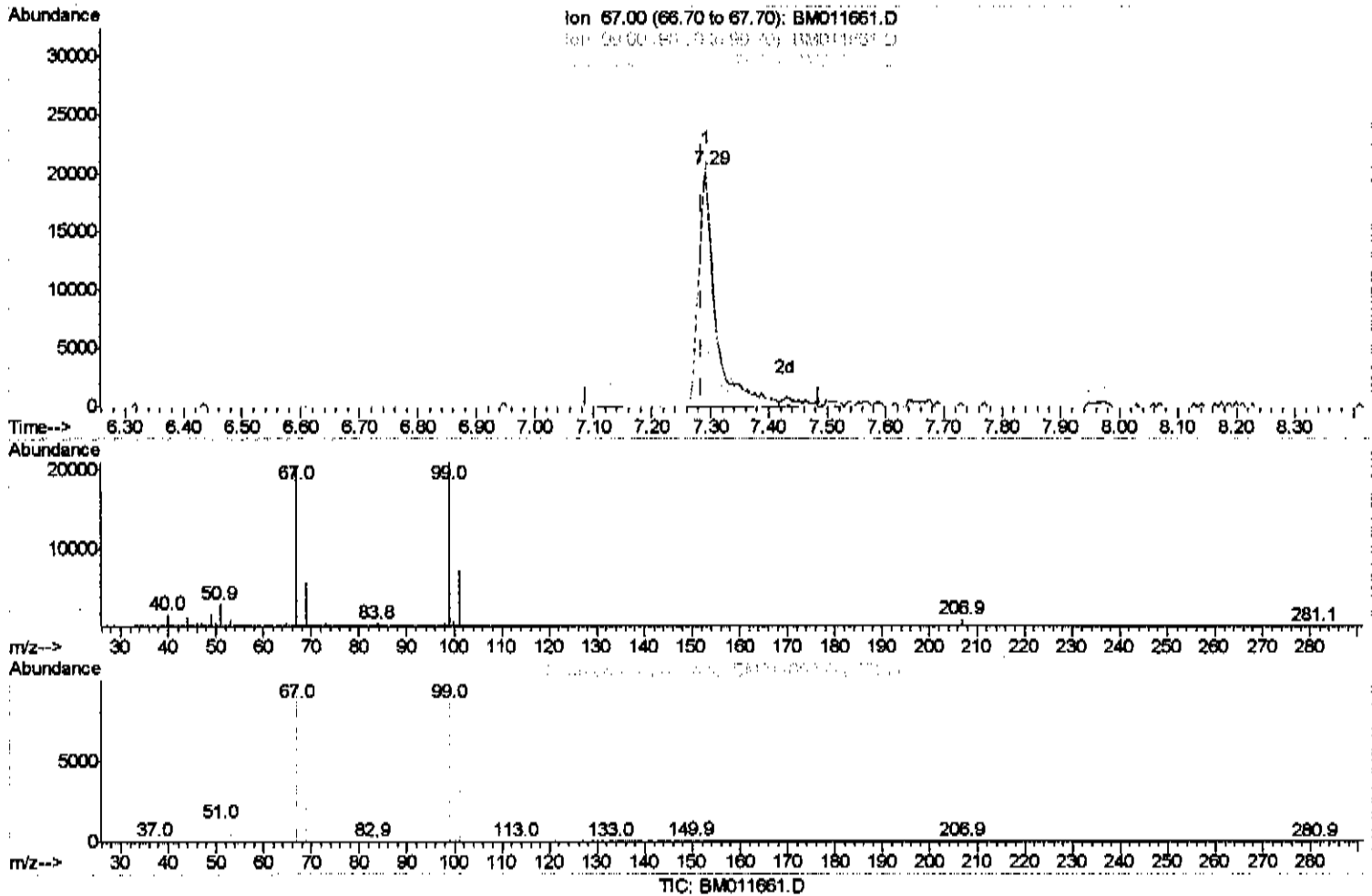
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(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.293min (+0.006) 1.99ng/ul m

response 41372

Ion	Exp%	Act%
67.00	100	100
99.00	117.60	102.43
69.00	33.70	29.27
0.00	0.00	0.00

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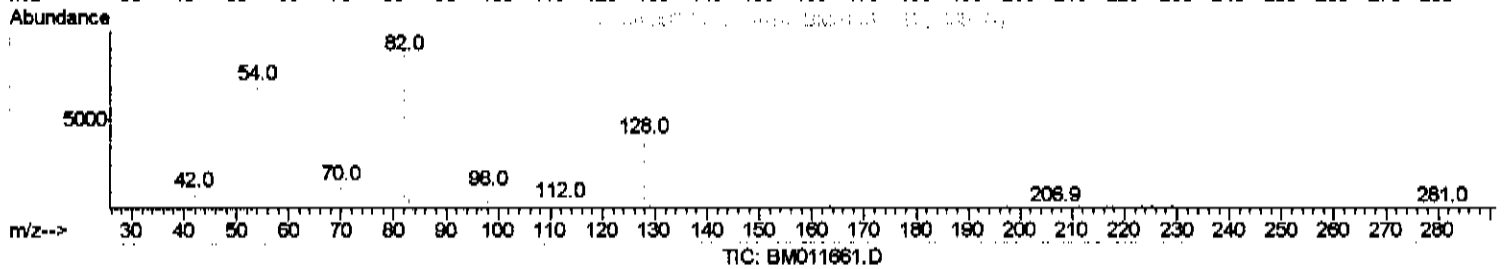
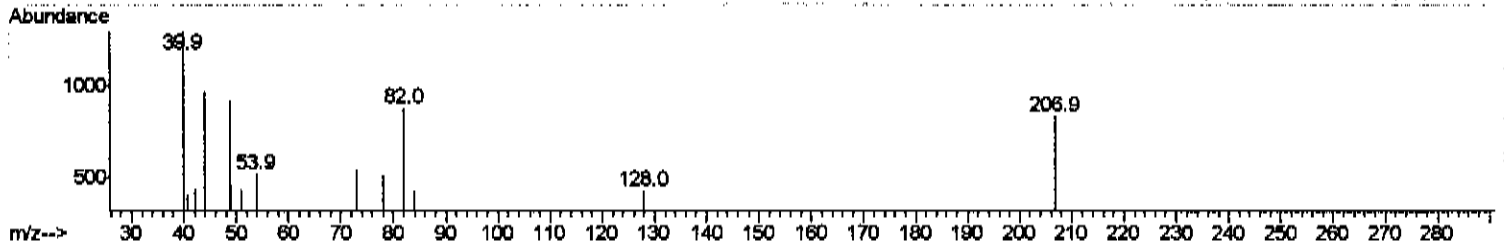
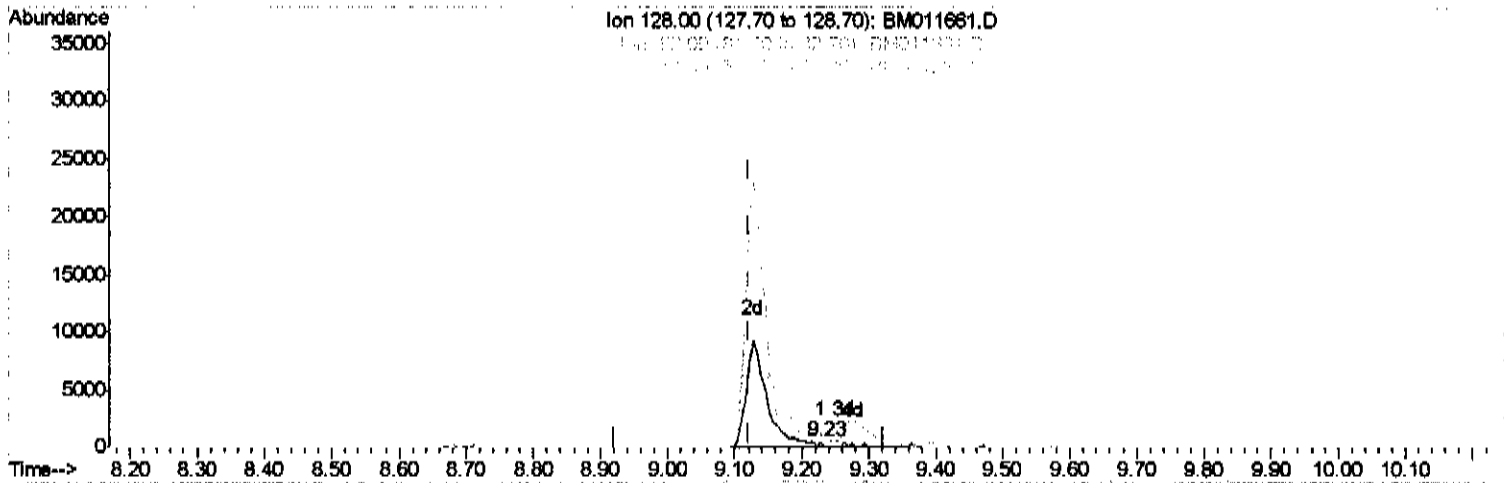
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(19) Nitrobenzene-d5 (S)
 9.228min (+0.106) 0.01ng/ul
 response 150

Ion	Exp%	Act%
128.00	100	100
82.00	244.60	205.90
54.00	108.20	121.70
0.00	0.00	0.00

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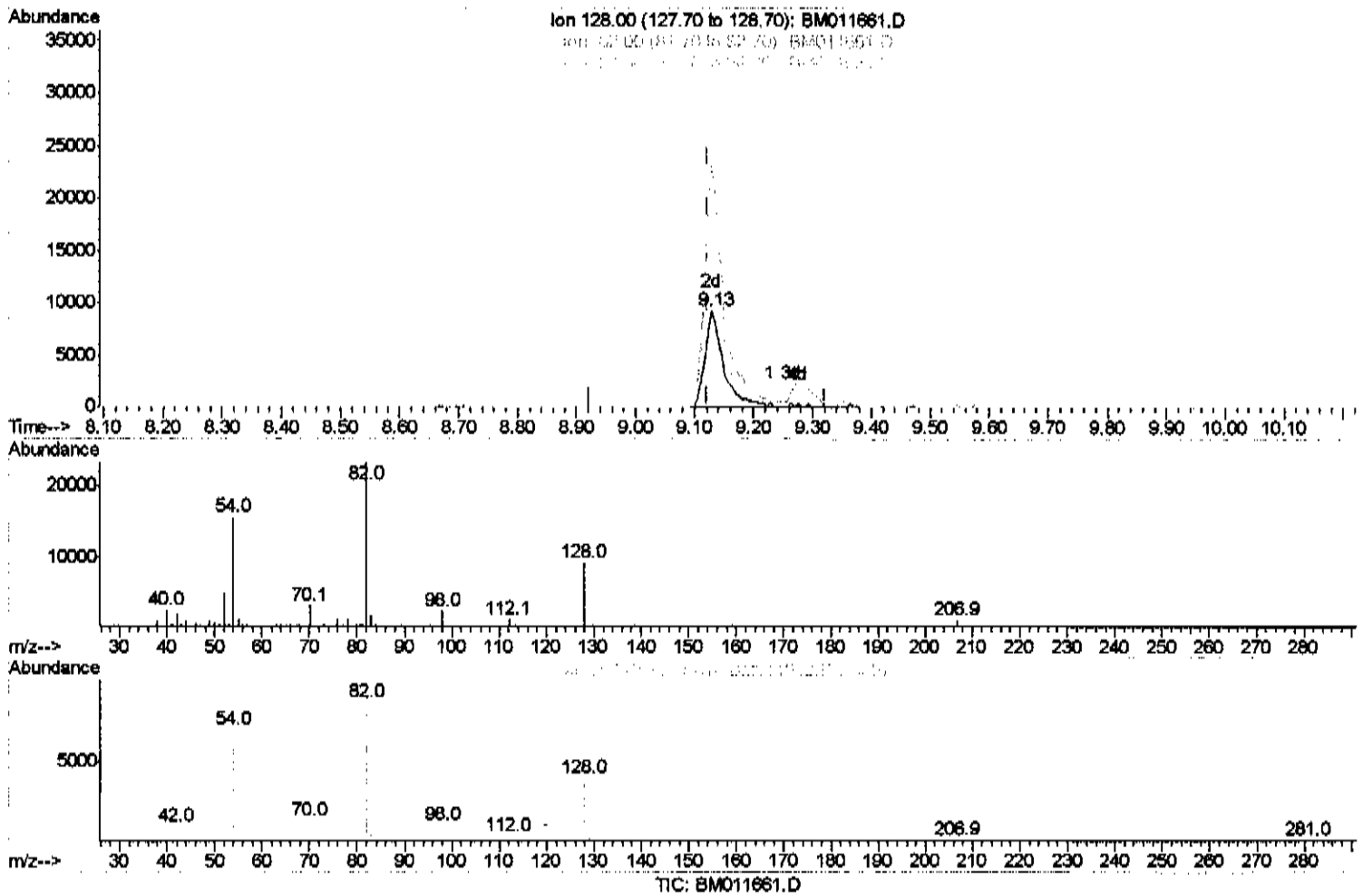
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(19) Nitrobenzene-d5 (S)

9.128min (+0.006) 1.72ng/ul m

response 19981

Ion	Exp%	Act%
128.00	100	100
82.00	244.60	249.88
54.00	108.20	169.50#
0.00	0.00	0.00

Jul 29/17

Quantitation Report (Qedit)

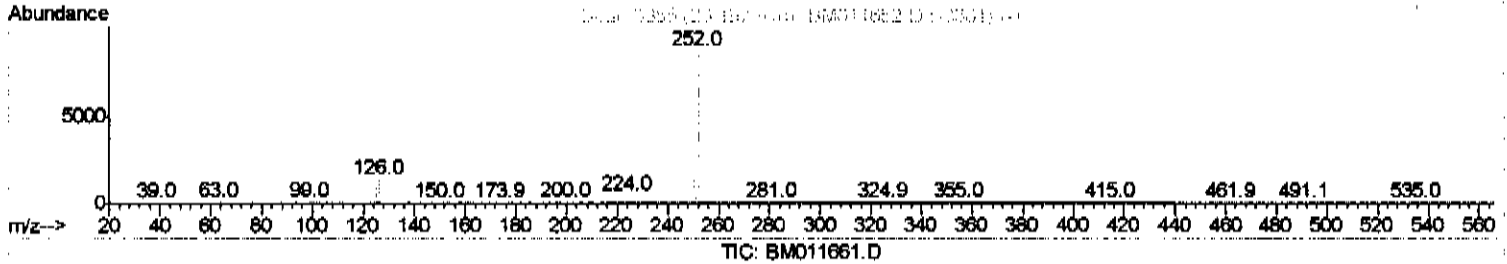
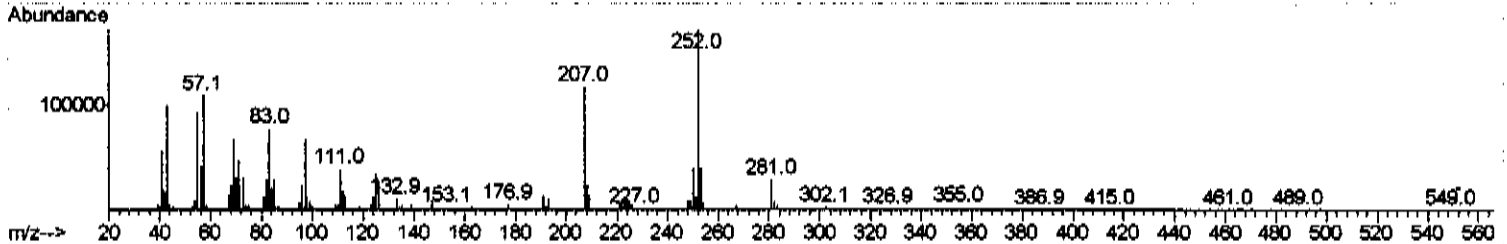
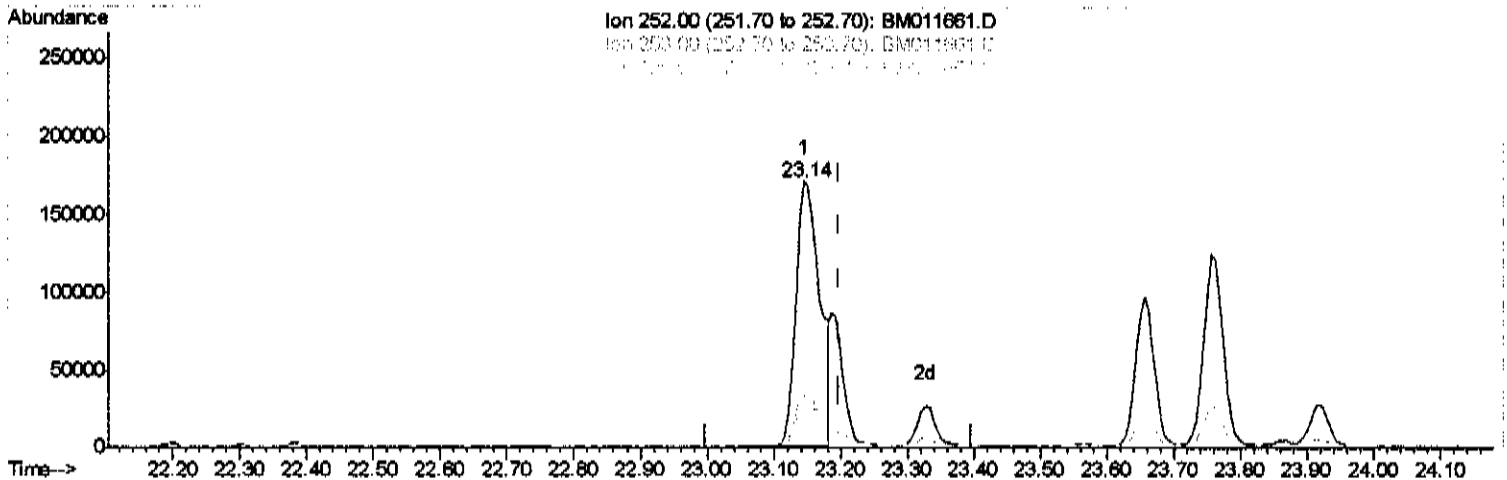
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(89) Benzo(k)fluoranthene

23.145min (-0.053) 3.82ng/ui

response 419139

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.18
125.00	6.70	20.22#
0.00	0.00	0.00

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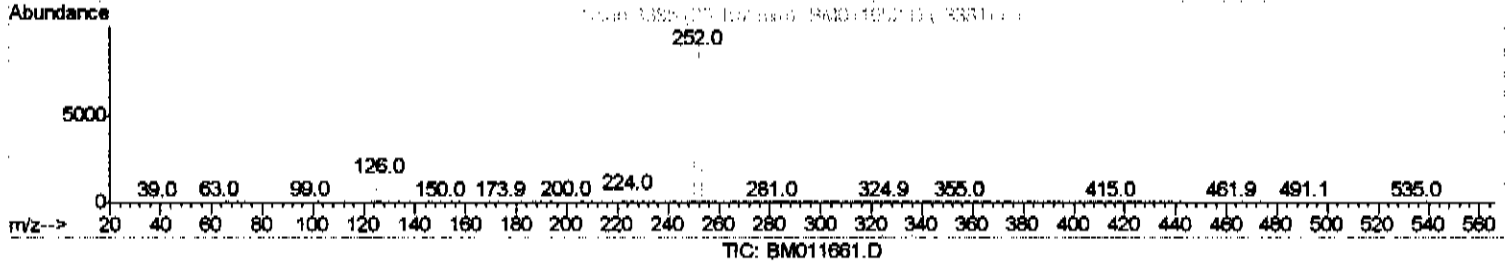
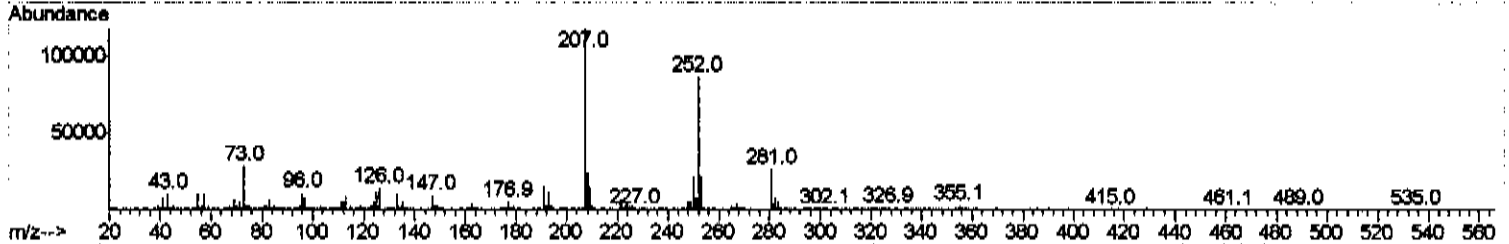
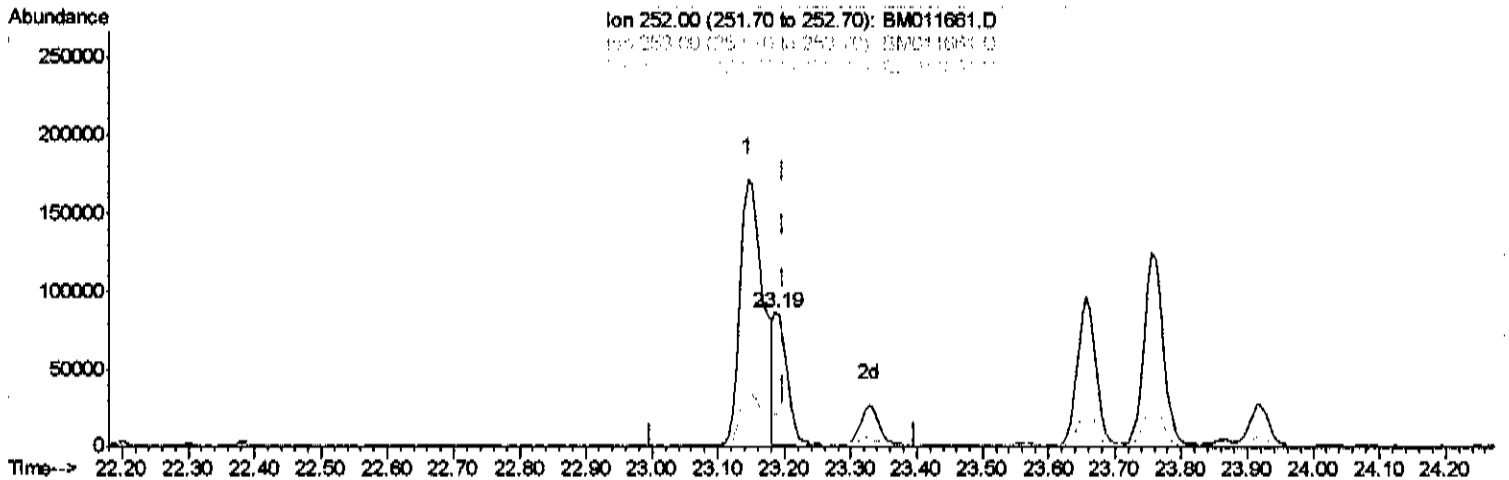
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(89) Benzo(k)fluoranthene

23.186min (-0.012) 1.08ng/ul m

response 118348

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.17
125.00	6.70	13.16#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	320997	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	1530836	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	871482	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1932117	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2053952	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1897320	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	994	0.14	ng/uL	0.01
5) Phenol-d5	7.13	99	3613	0.12	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.29	67	41372m	1.99	ng/ul	>0.00
9) 2-Chlorophenol-d4	7.50	132	5232	0.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	2234	0.09	ng/ul	0.02
19) Nitrobenzene-d5	9.13	128	19981m	1.72	ng/ul	>0.00
22) 2-Nitrophenol-d4	9.87	143	242	0.02	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.41	165	109	0.00	ng/ul	0.03
29) 4-Chloroaniline-d4	10.78	131	703	0.03	ng/ul	-0.12
44) Dimethylphthalate-d6	13.99	166	16850	0.23	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	176166	1.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	235	0.02	ng/ul	-0.13
58) Fluorene-d10	15.58	176	153307	2.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.43	188	256985	2.70	ng/ul	0.00
79) Pyrene-d10	19.72	212	301786	3.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	217858	2.41	ng/ul	0.00

Target Compounds

					Ovalue
70) Phenanthrene	17.37	178	331778	3.081	ng/ul 99
77) Fluoranthene	19.38	202	637210	5.753	ng/ul# 91
80) Pyrene	19.74	202	577581	4.820	ng/ul# 87
83) Benzo(a)anthracene	21.48	228	334555	2.958	ng/ul 99
85) Chrysene	21.53	228	321348	3.134	ng/ul 98
88) Benzo(b)fluoranthene	23.14	252	419139	3.672	ng/ul# 88
89) Benzo(k)fluoranthene	23.19	252	118348m	1.080	ng/ul > 88
91) Benzo(a)pyrene	23.76	252	247544	2.298	ng/ul# 95
92) Indeno(1,2,3-cd)pyrene	26.29	276	145633	1.229	ng/ul# 91
94) Benzo(g,h,i)perylene	27.04	276	141109	1.470	ng/ul# 93

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