

Quantitation Report (QT Reviewed)

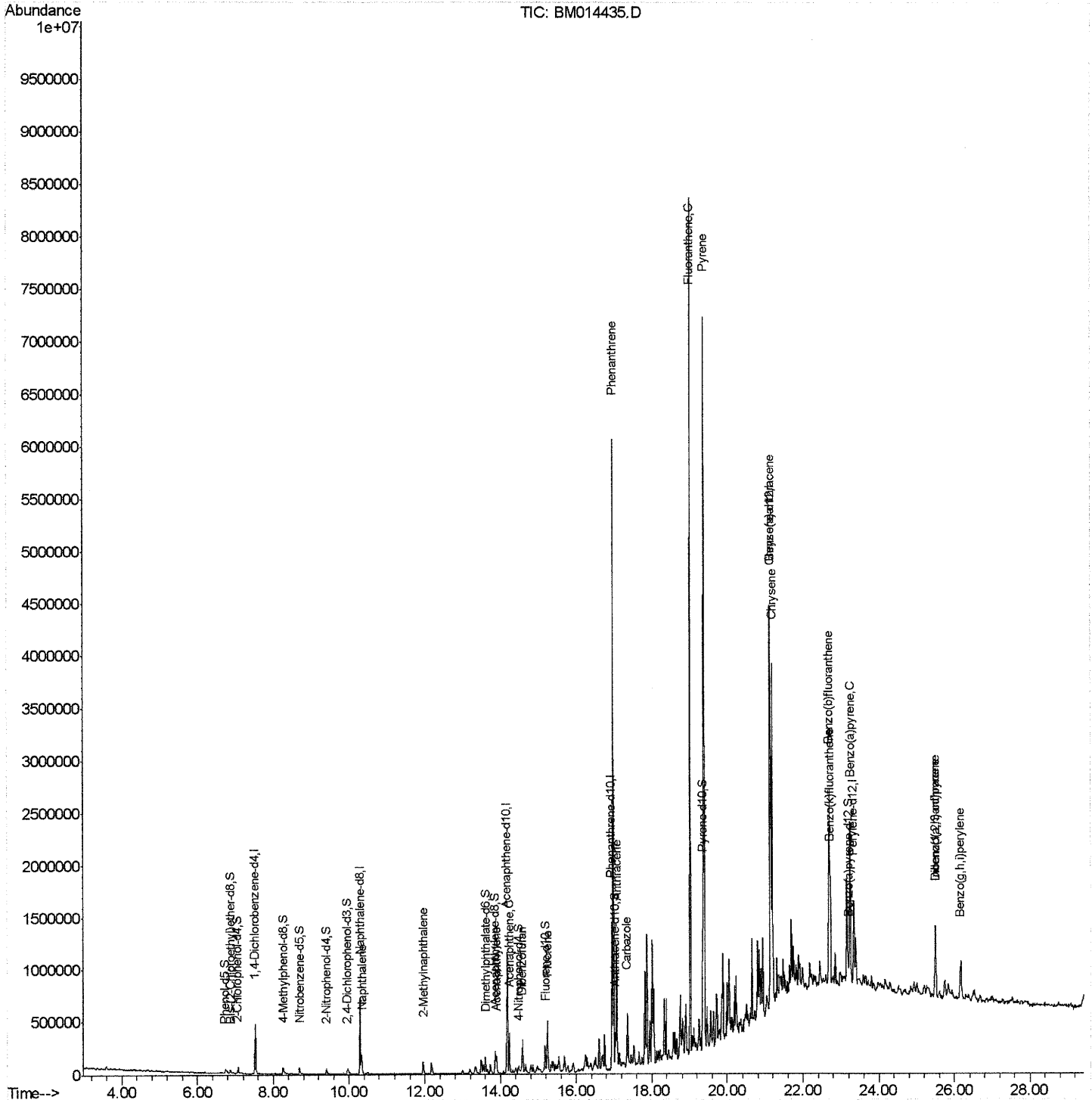
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014435.D
 Acq On : 01 Mar 2018 11:44
 Operator : SJ/JU
 Sample : J1678-10 10X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sample ID :
 BE5W0

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:16:11 PM

Quant Time: Mar 01 13:49:05 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 01 03:03:26 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

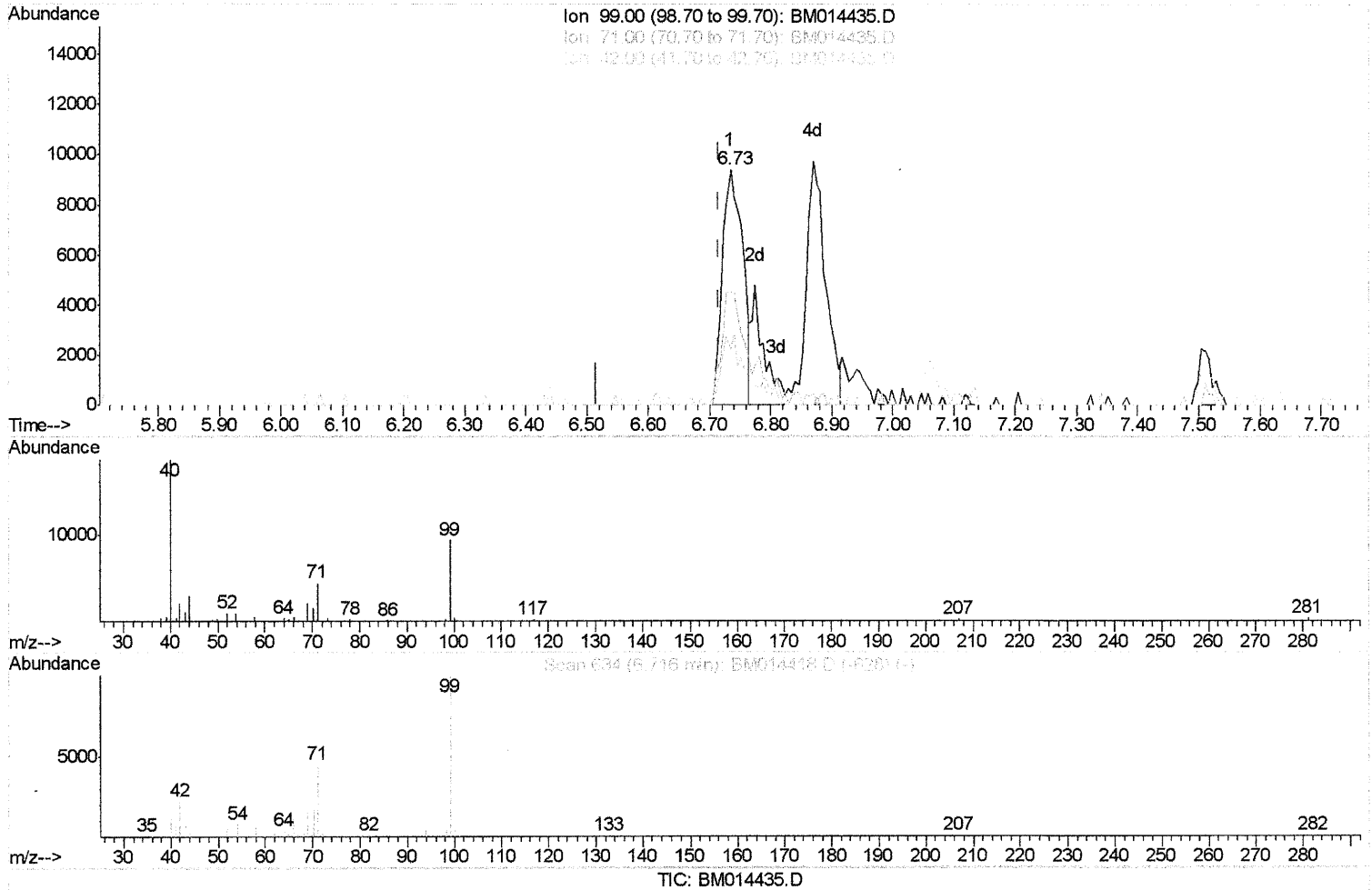
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
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 Acq On : 01 Mar 2018 11:44
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Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:16:11 PM

Quant Time: Mar 01 13:33:46 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 01 03:03:26 2018
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(5) Phenol-d5 (S)

6.734min (+0.018) 2.23ng/ul

response 21737

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	48.59
42.00	24.20	24.05
0.00	0.00	0.00

Quantitation Report (Qedit)

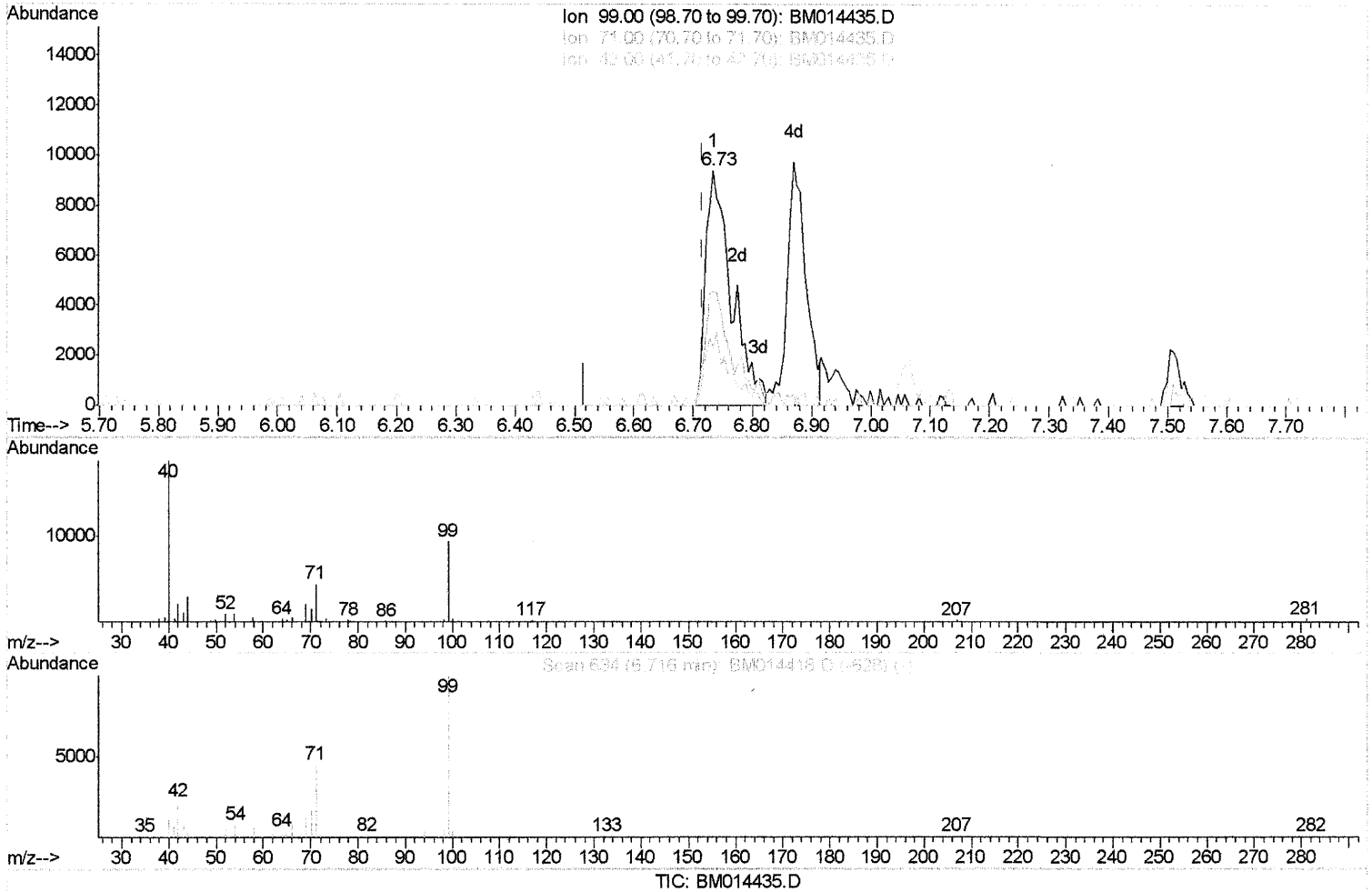
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(5) Phenol-d5 (S)

6.734min (+0.018) 2.93ng/ul m SJ 3/2/18

response 28576

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	48.59
42.00	24.20	24.05
0.00	0.00	0.00

Quantitation Report (Qedit)

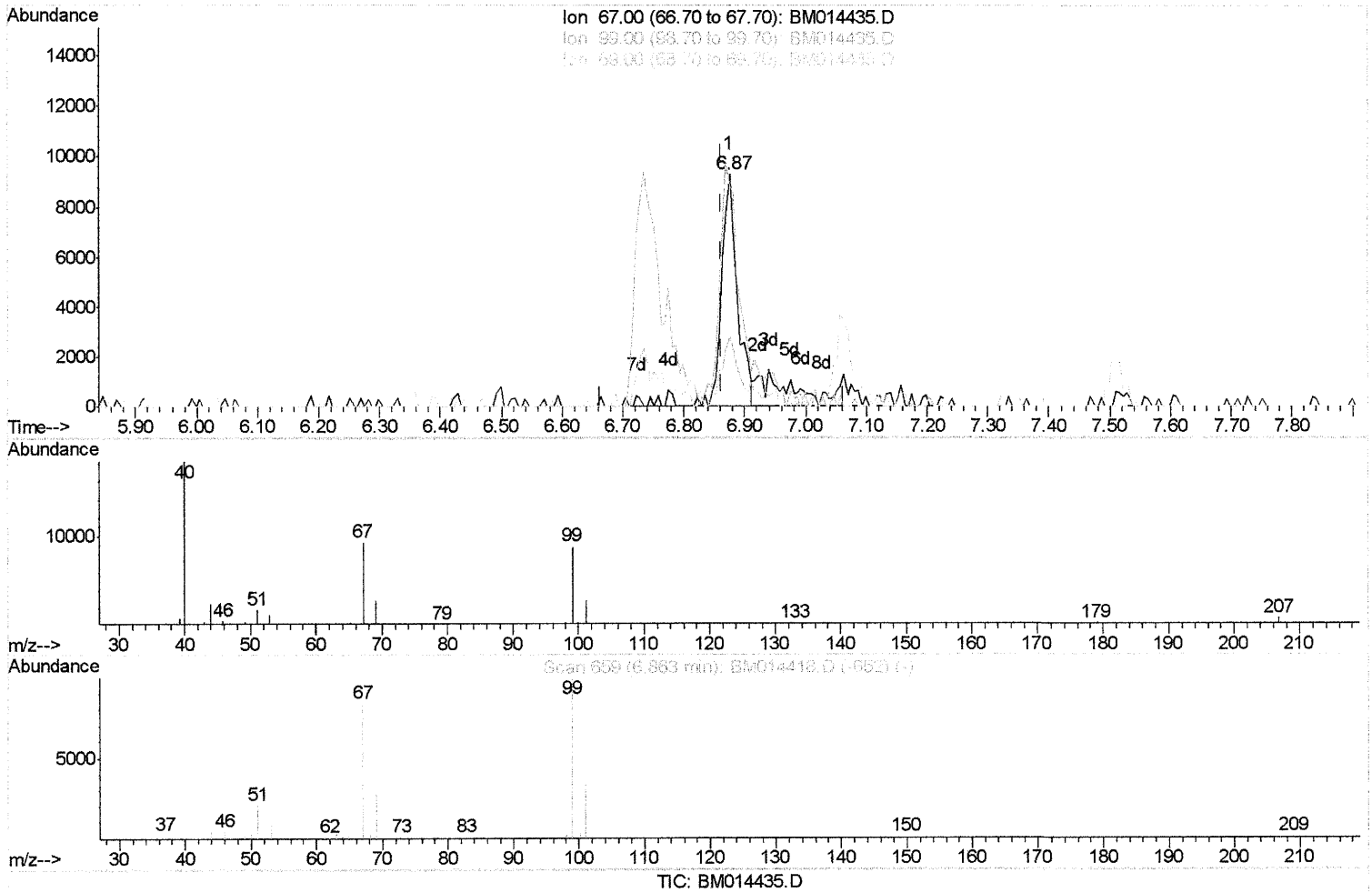
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(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.875min (+0.012) 2.83ng/ul

response 16714

Ion	Exp%	Act%
67.00	100	100
99.00	112.80	94.96
69.00	36.30	31.21
0.00	0.00	0.00

Quantitation Report (Qedit)

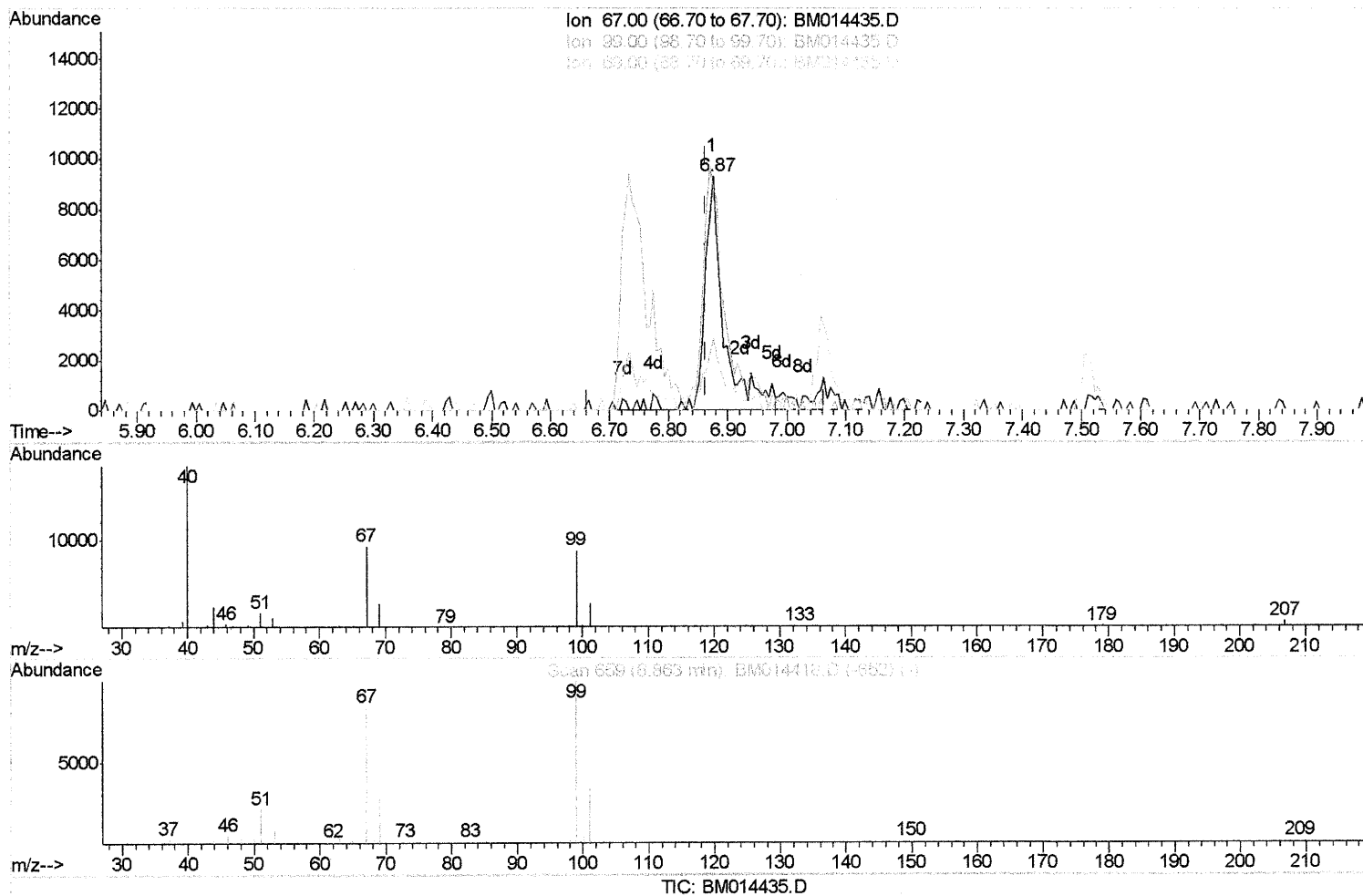
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(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.875min (+0.012) 3.45ng/ul m SJ 3/2/18

response 20389

Ion	Exp%	Act%
67.00	100	100
99.00	112.80	94.96
69.00	36.30	31.21
0.00	0.00	0.00

Quantitation Report (Qedit)

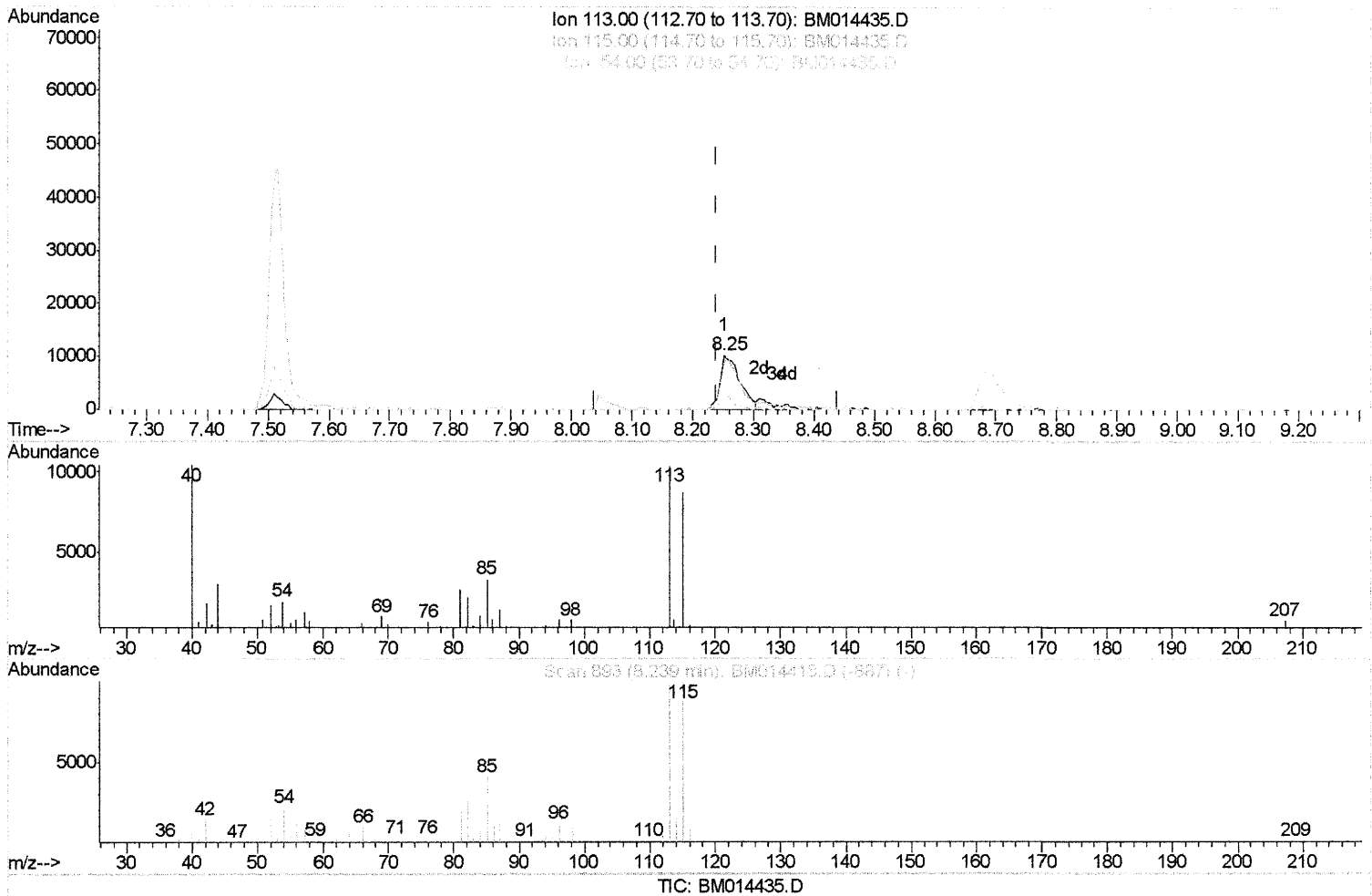
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(13) 4-Methylphenol-d8 (S)

8.251min (+0.012) 2.76ng/ul

response 23527

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	84.42
54.00	18.90	18.52
0.00	0.00	0.00

Quantitation Report (Qedit)

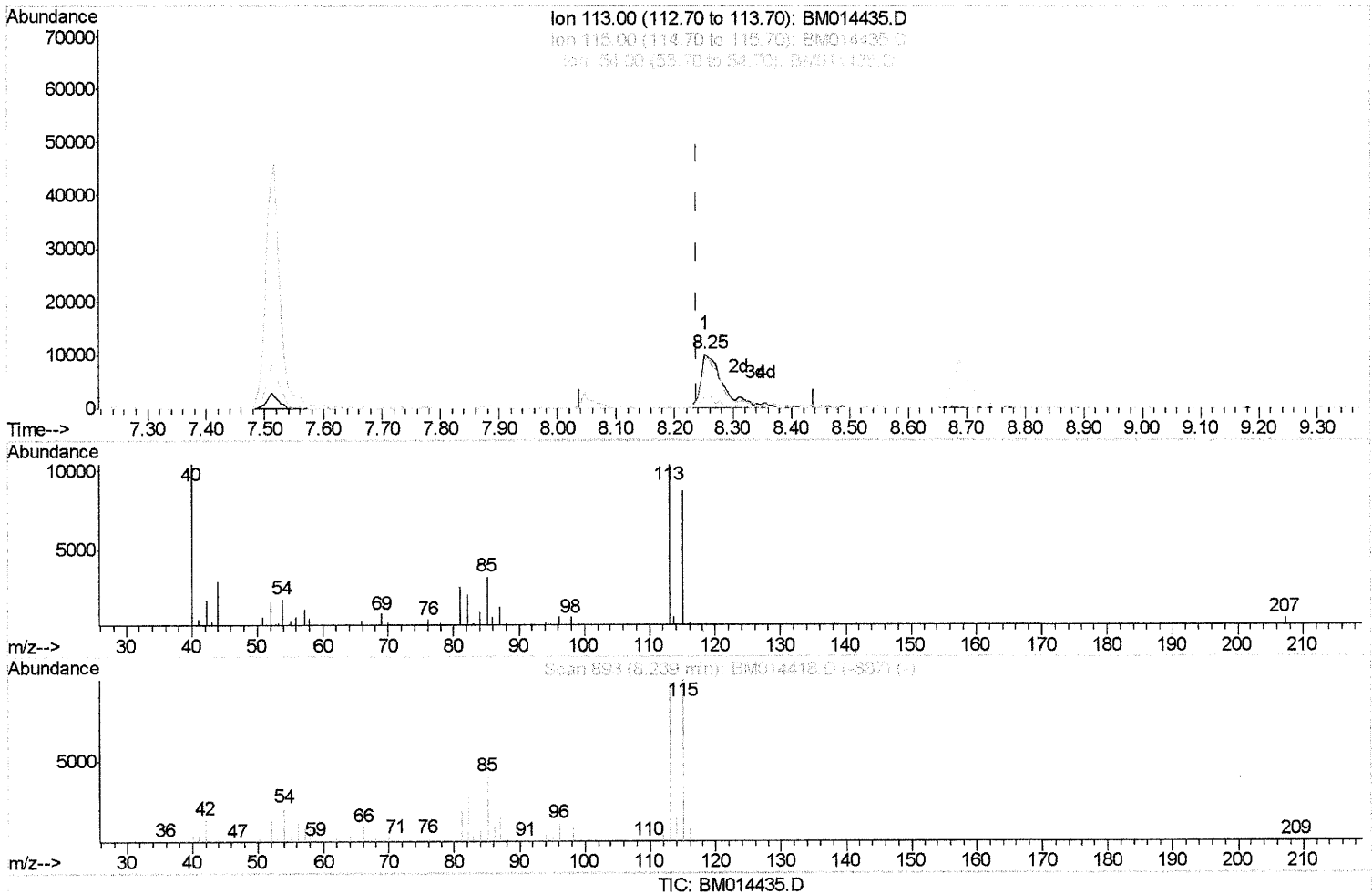
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(13) 4-Methylphenol-d8 (S)

8.251min (+0.012) 3.22ng/ul m

SJ 3/2/18

response 27455

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	84.42
54.00	18.90	18.52
0.00	0.00	0.00

Quantitation Report (Qedit)

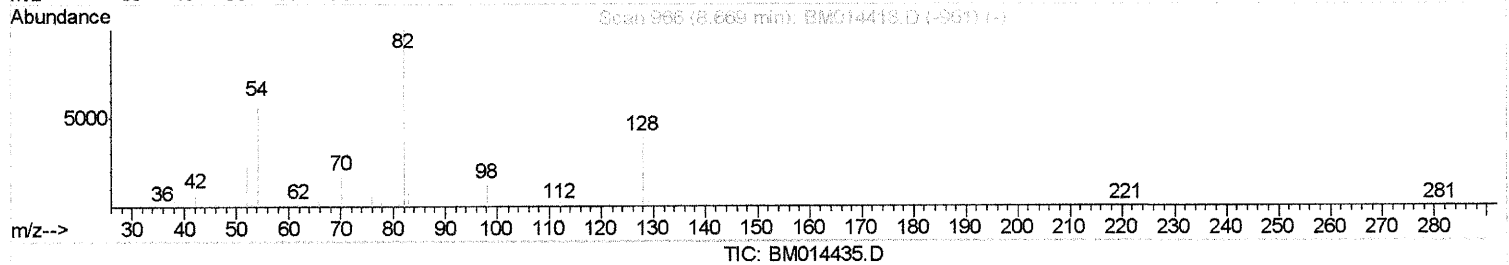
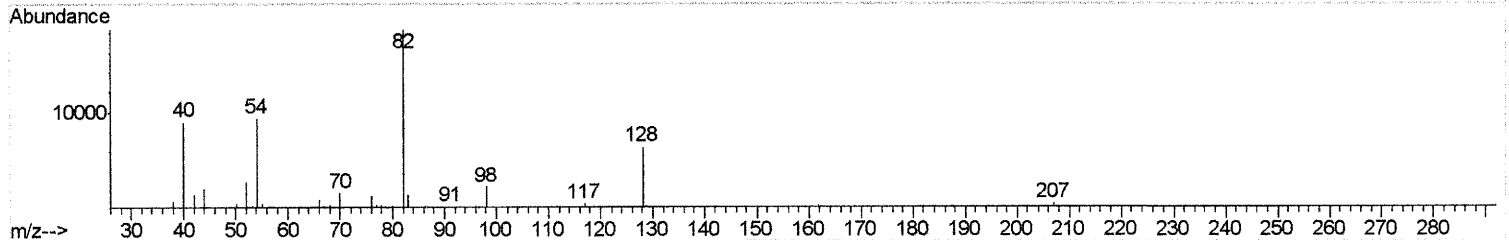
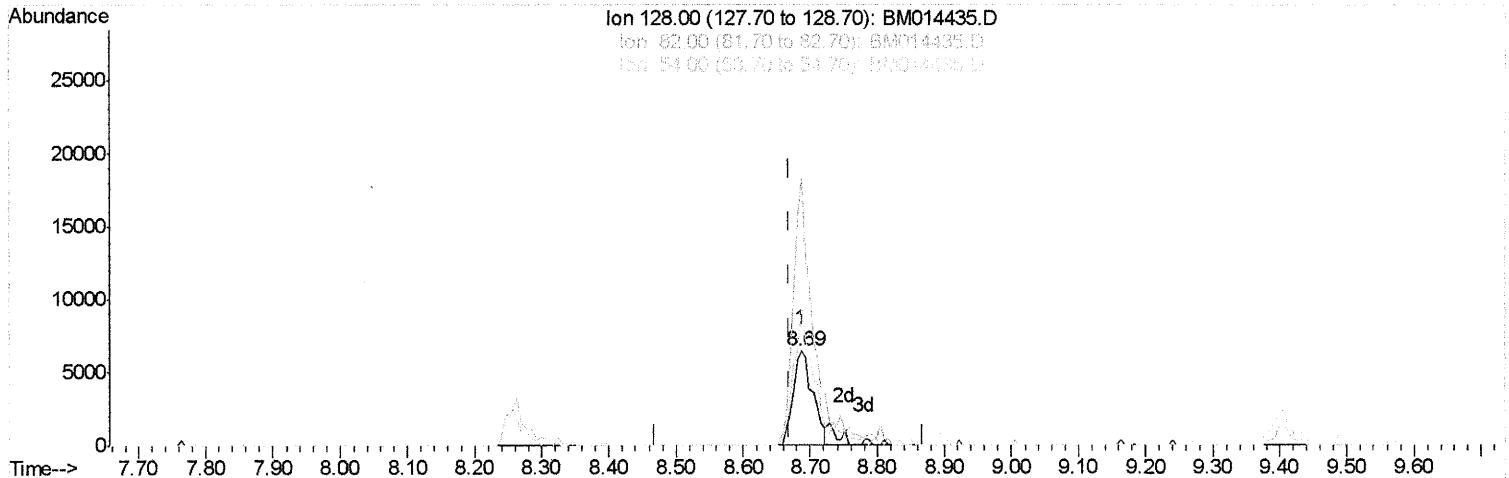
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(19) Nitrobenzene-d5 (S)

8.686min (+0.018) 3.32ng/ul

response 13222

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	285.94
54.00	142.70	146.21
0.00	0.00	0.00

Quantitation Report (Qedit)

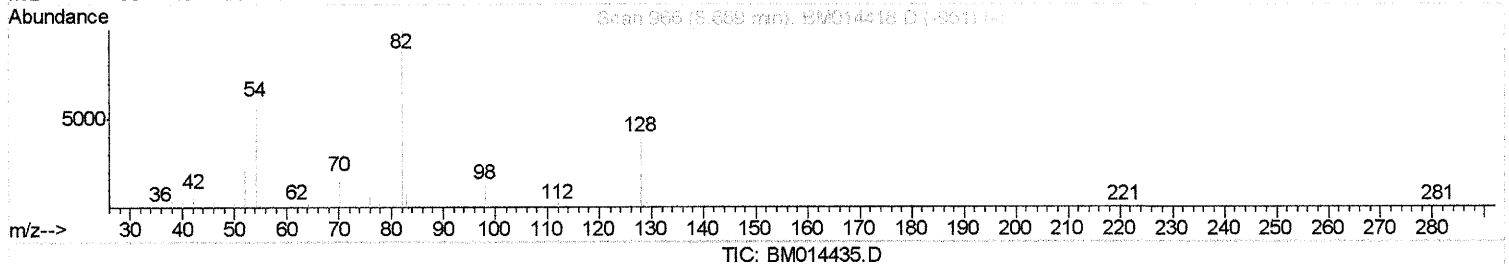
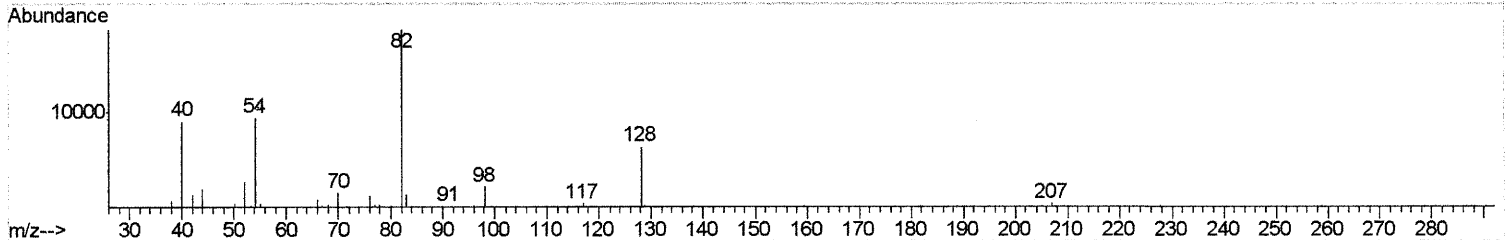
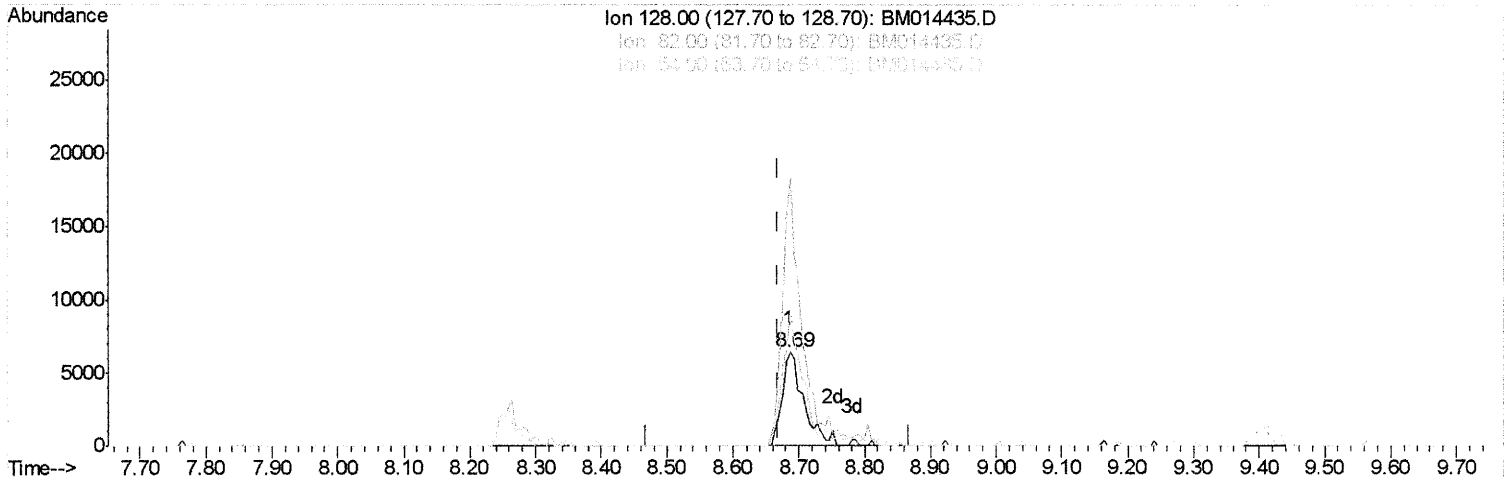
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(19) Nitrobenzene-d5 (S)

8.686min (+0.018) 3.70ng/ul m

SJ 3/2/18

response 14733

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	285.94
54.00	142.70	146.21
0.00	0.00	0.00

Quantitation Report (Qedit)

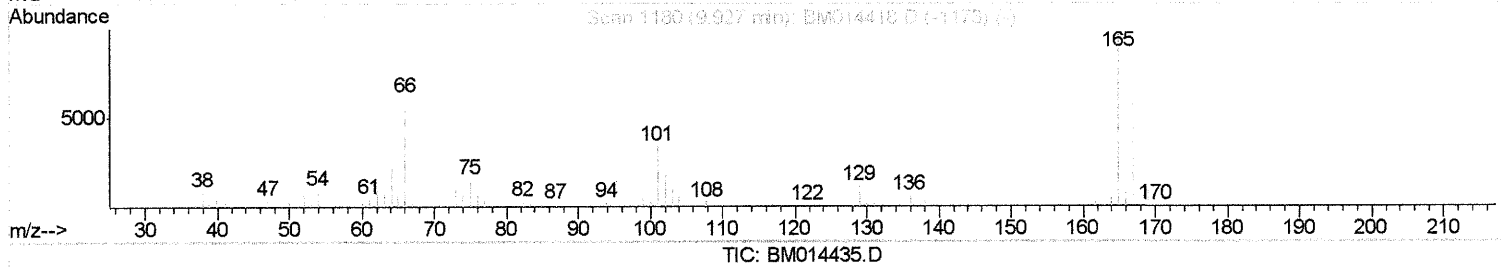
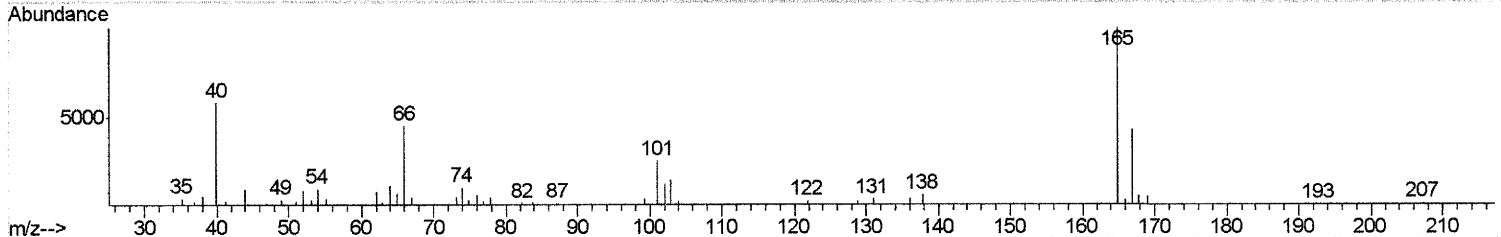
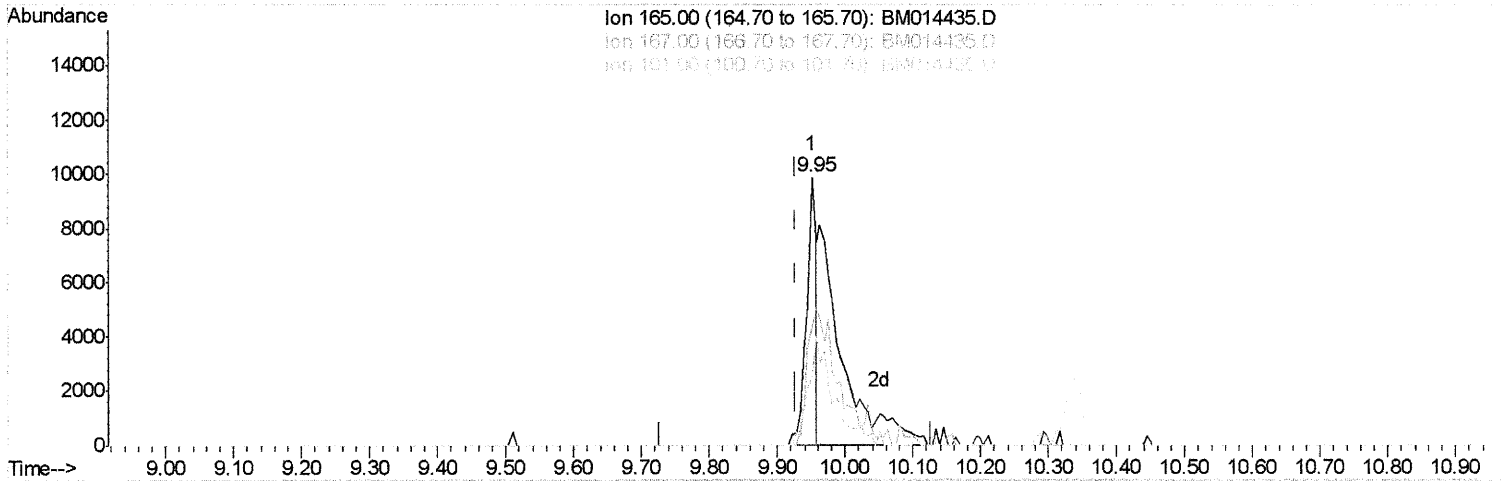
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(26) 2,4-Dichlorophenol-d3 (S)

9.951min (+0.024) 1.16ng/ul

response 9857

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	44.39#
101.00	29.30	27.00
0.00	0.00	0.00

Quantitation Report (Qedit)

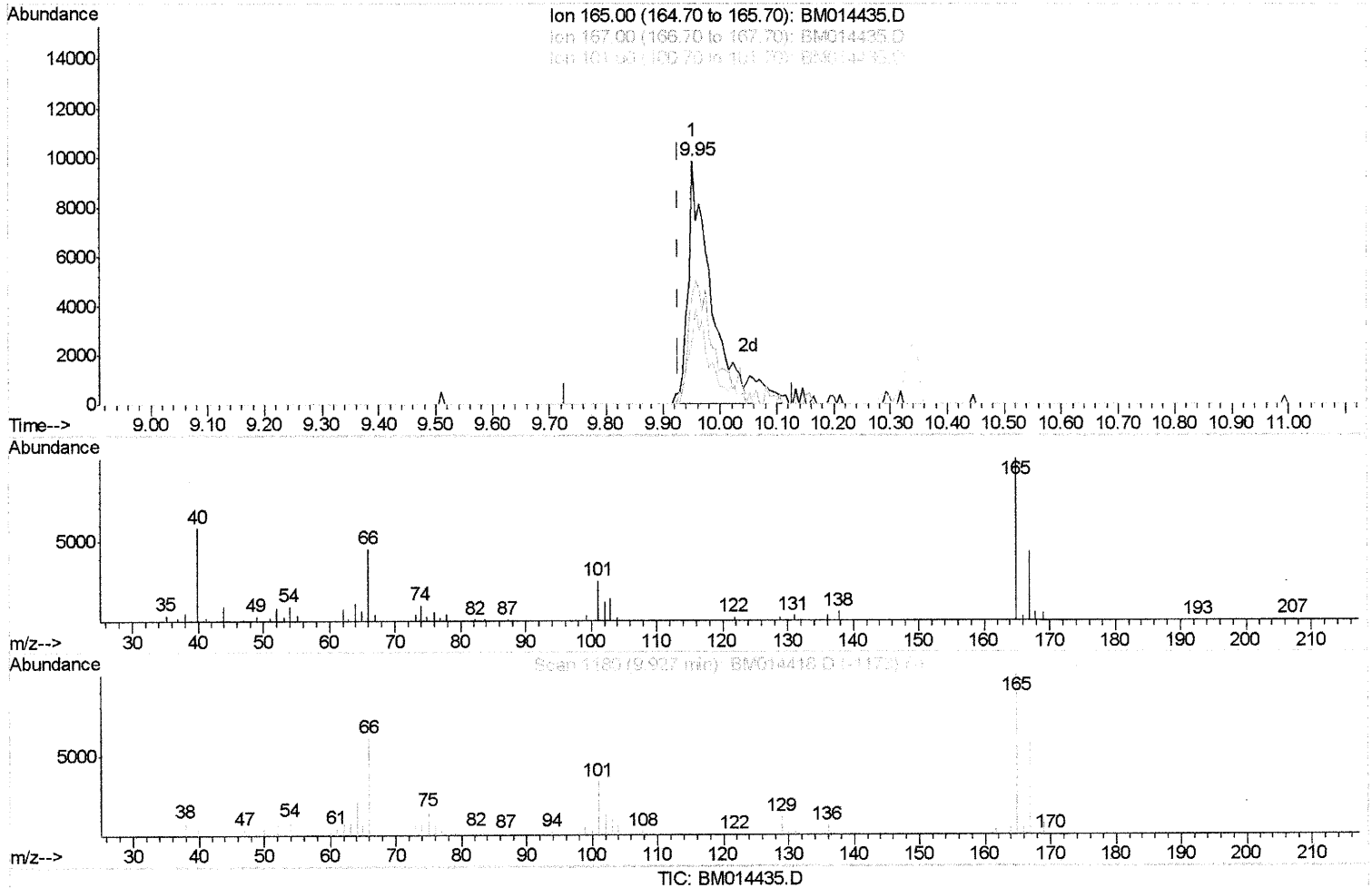
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 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5W0

Manual Integrations
 APPROVED

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

9.951min (+0.024) 3.51ng/ul m SJ 3/2/18

response 29904

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	44.39#
101.00	29.30	27.00
0.00	0.00	0.00

Quantitation Report (Qedit)

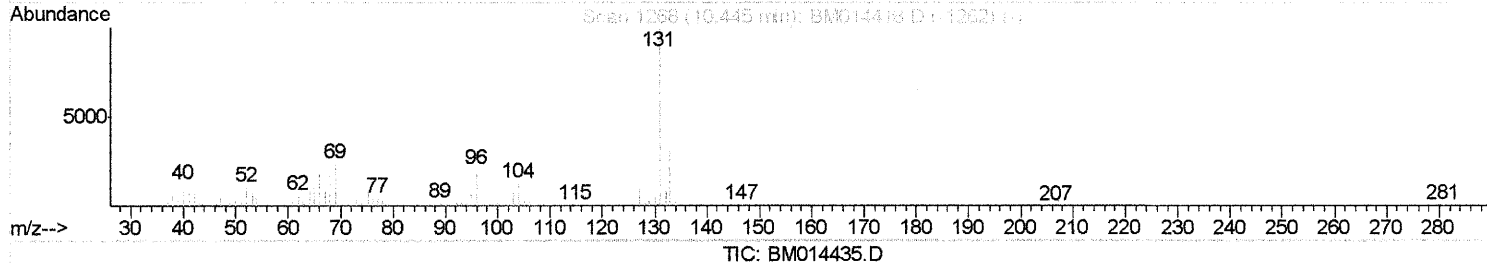
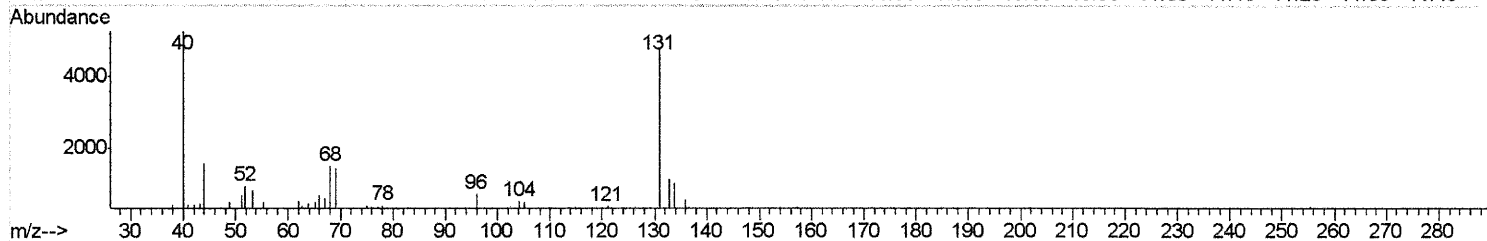
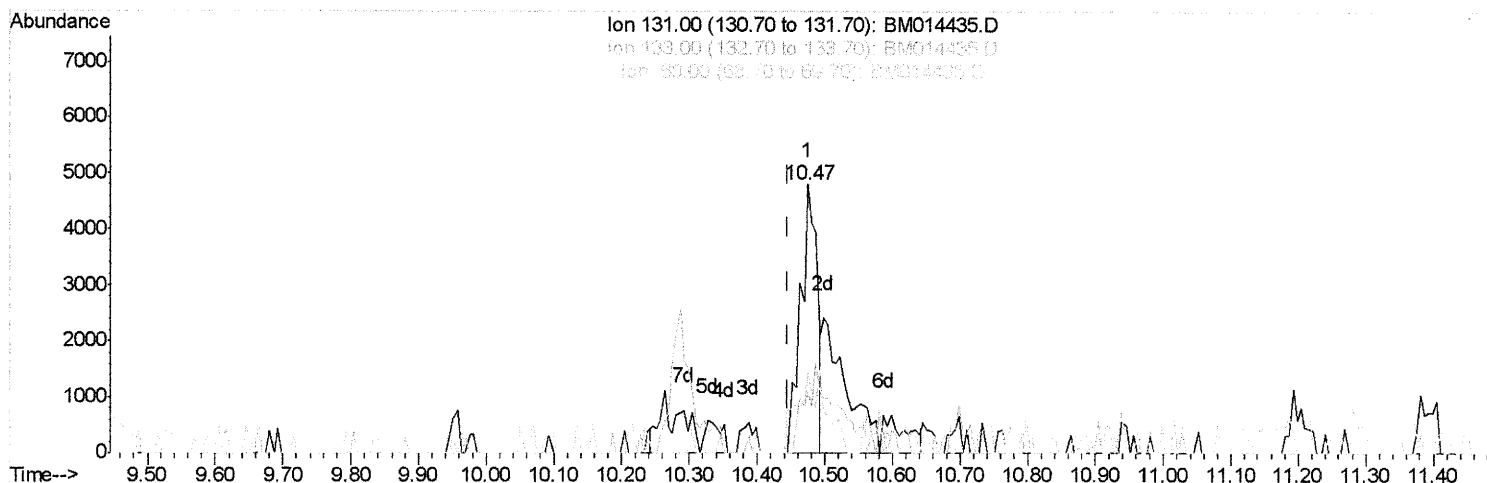
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(29) 4-Chloroaniline-d4 (S)

10.475min (+0.029) 0.97ng/ul

response 8190

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	23.17#
69.00	24.30	29.96#
0.00	0.00	0.00

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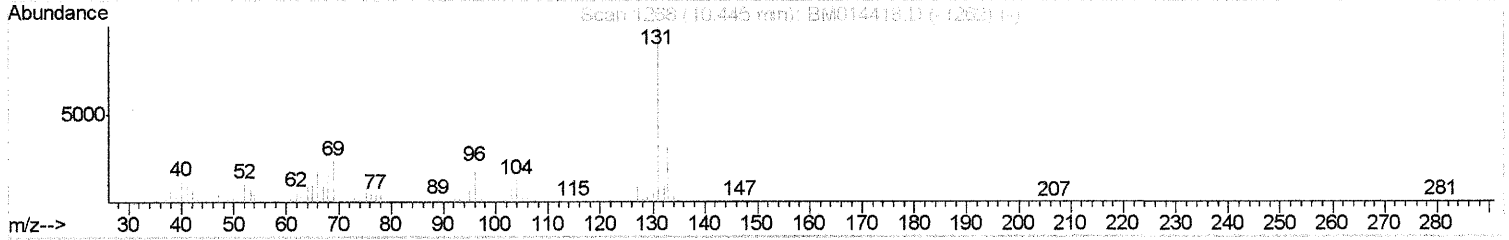
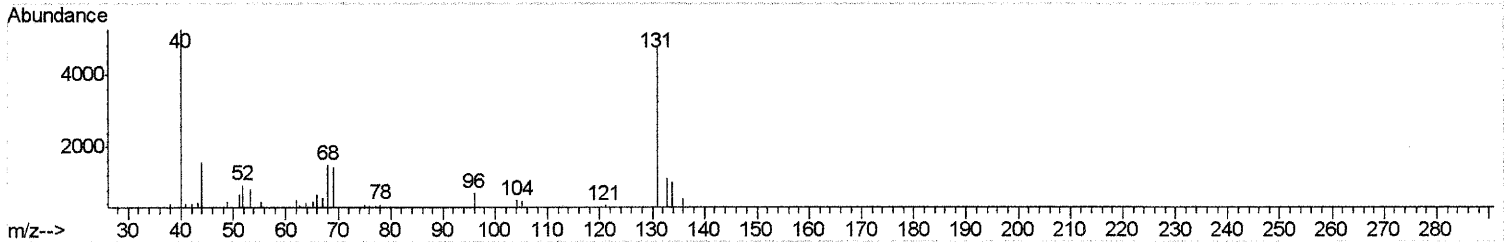
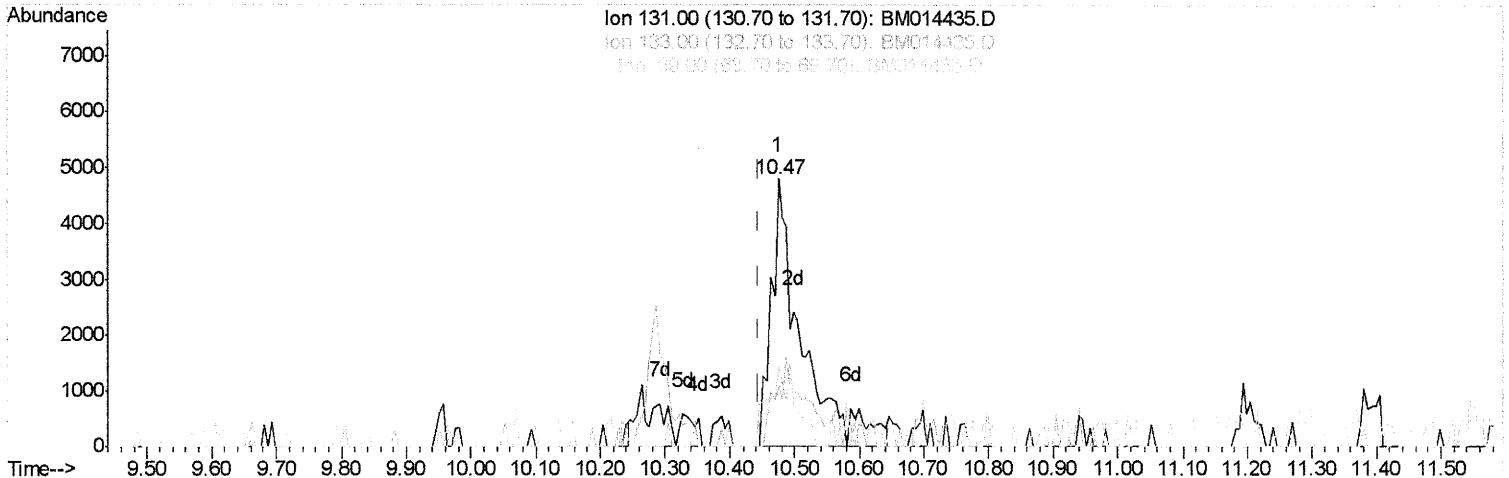
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TIC: BM014435.D

(29) 4-Chloroaniline-d4 (S)

10.475min (+0.029) 1.70ng/ul m

SJ 3/2/18

response 14281

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	23.17#
69.00	24.30	29.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

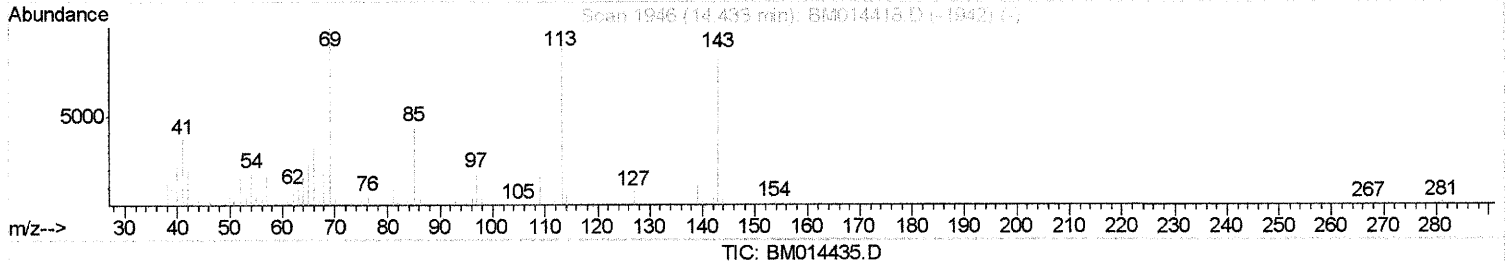
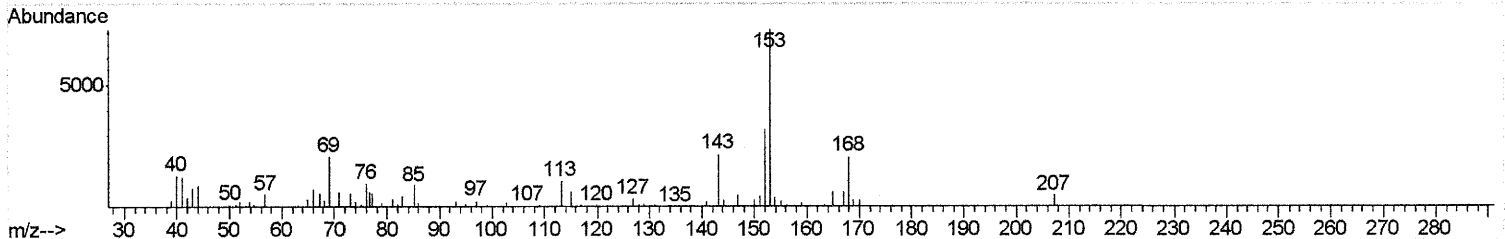
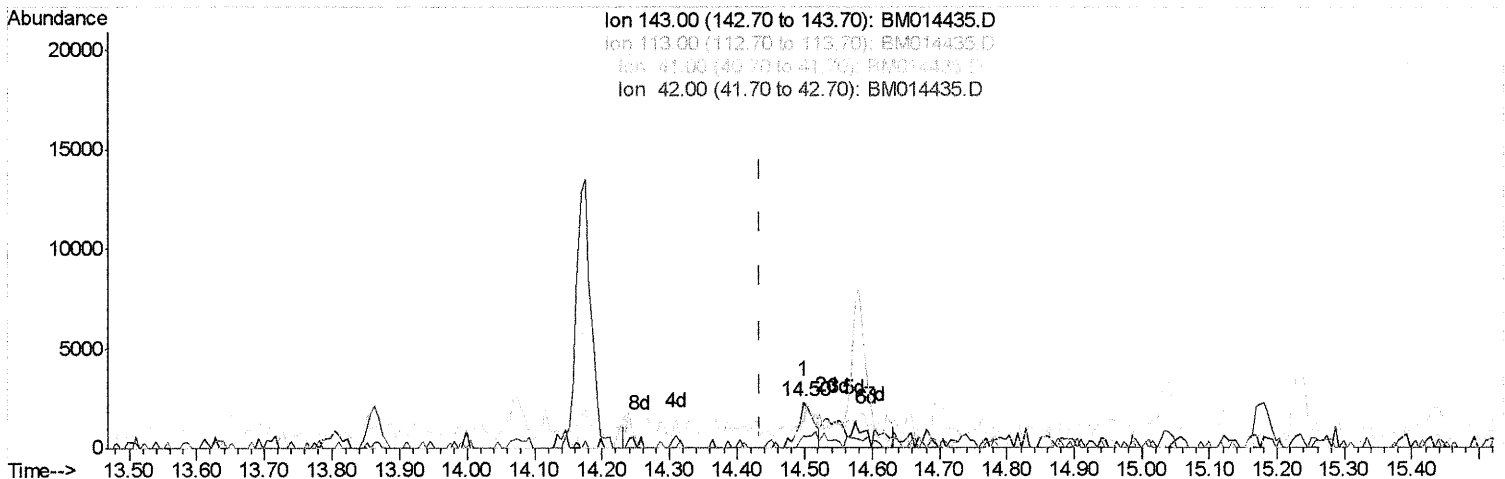
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TIC: BM014435.D

(51) 4-Nitrophenol-d4 (S)

14.498min (+0.065) 1.00ng/ul

response 3774

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	55.62#
41.00	34.80	63.49#
42.00	20.50	28.12#

Quantitation Report (Qedit)

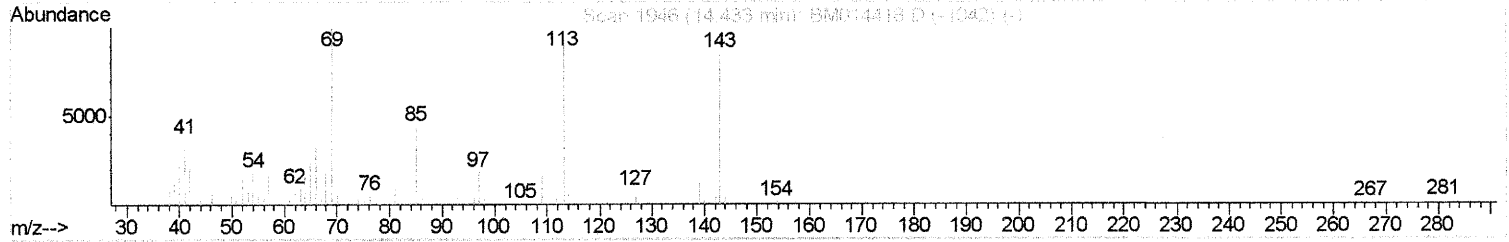
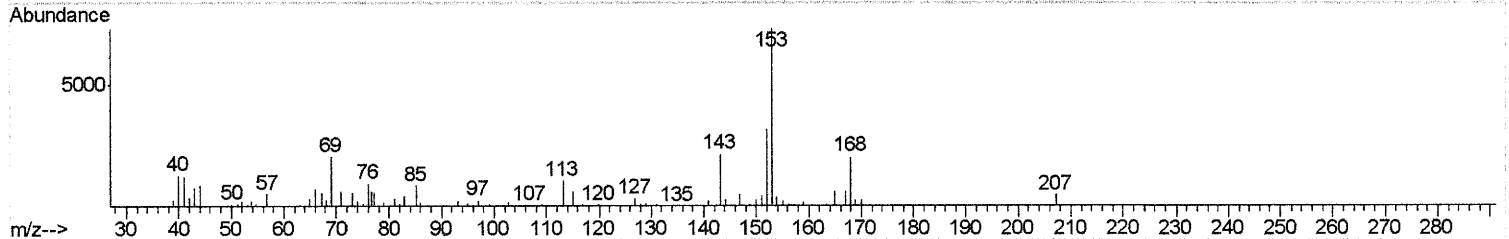
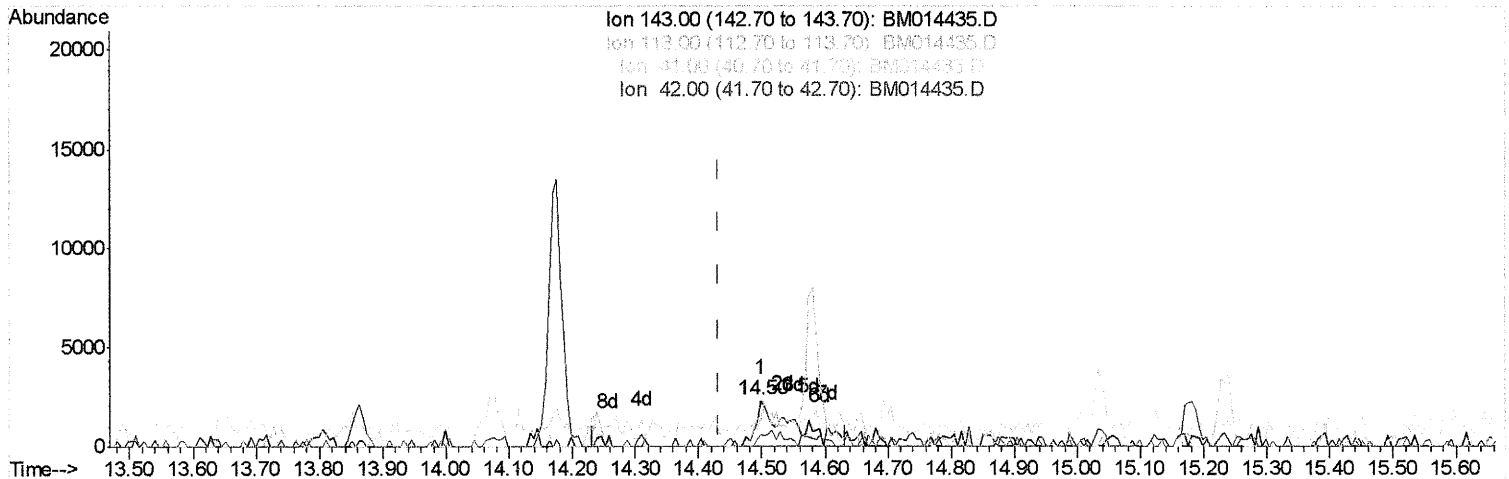
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TIC: BM014435.D

(51) 4-Nitrophenol-d4 (S)

14.498min (+0.065) 2.76ng/ul m

SJ 3/2/18

response 10370

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	55.62#
41.00	34.80	63.49#
42.00	20.50	28.12#

Quantitation Report (Qedit)

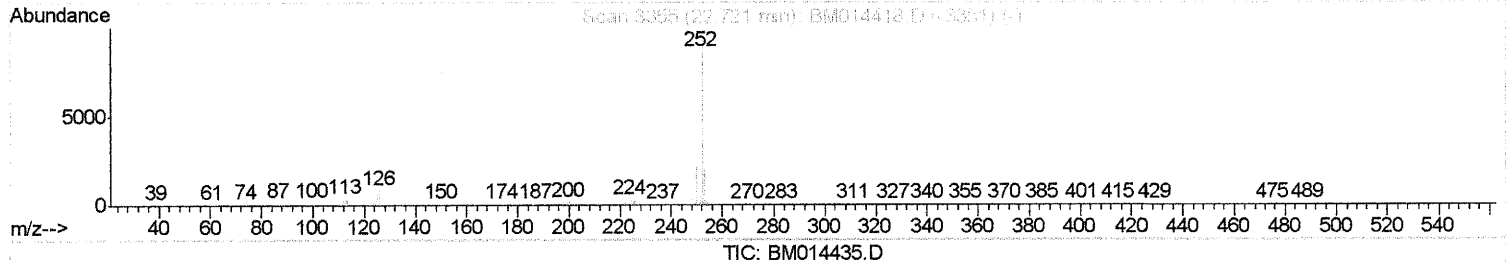
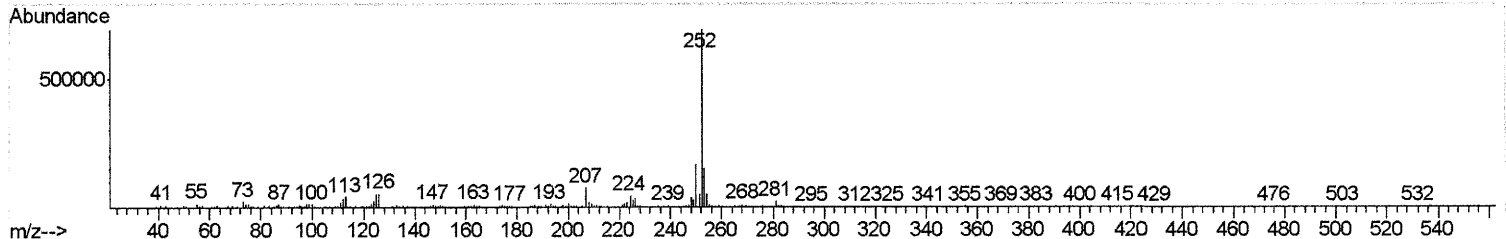
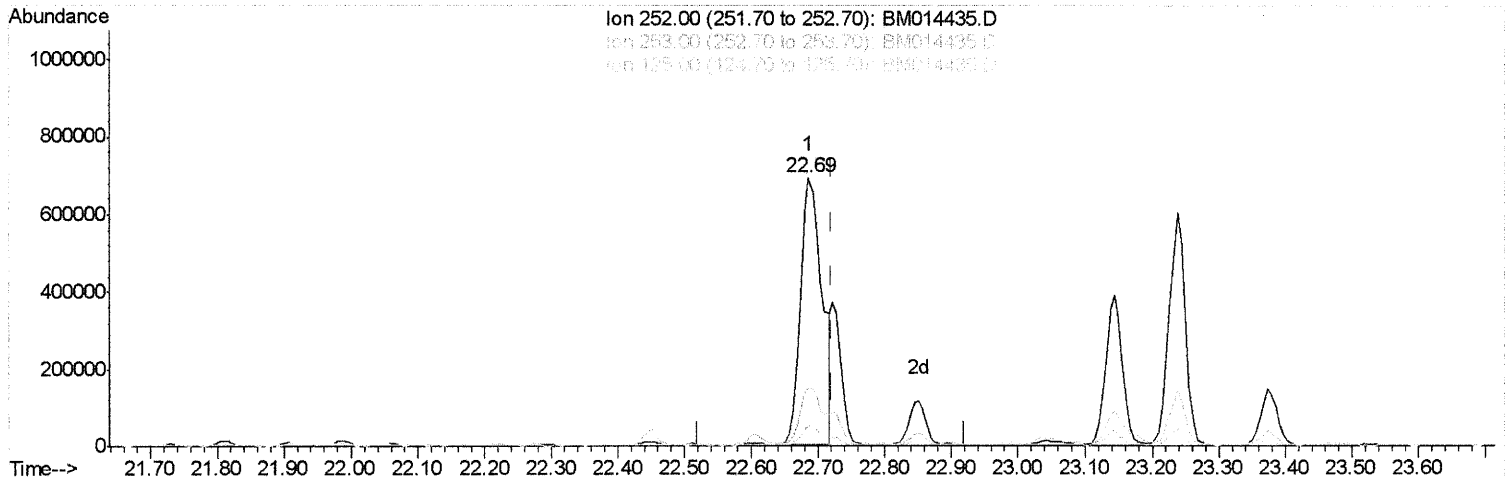
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(86) Benzo(k)fluoranthene

22.686min (-0.035) 44.95ng/ul

response 1534958

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.99
125.00	4.30	7.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

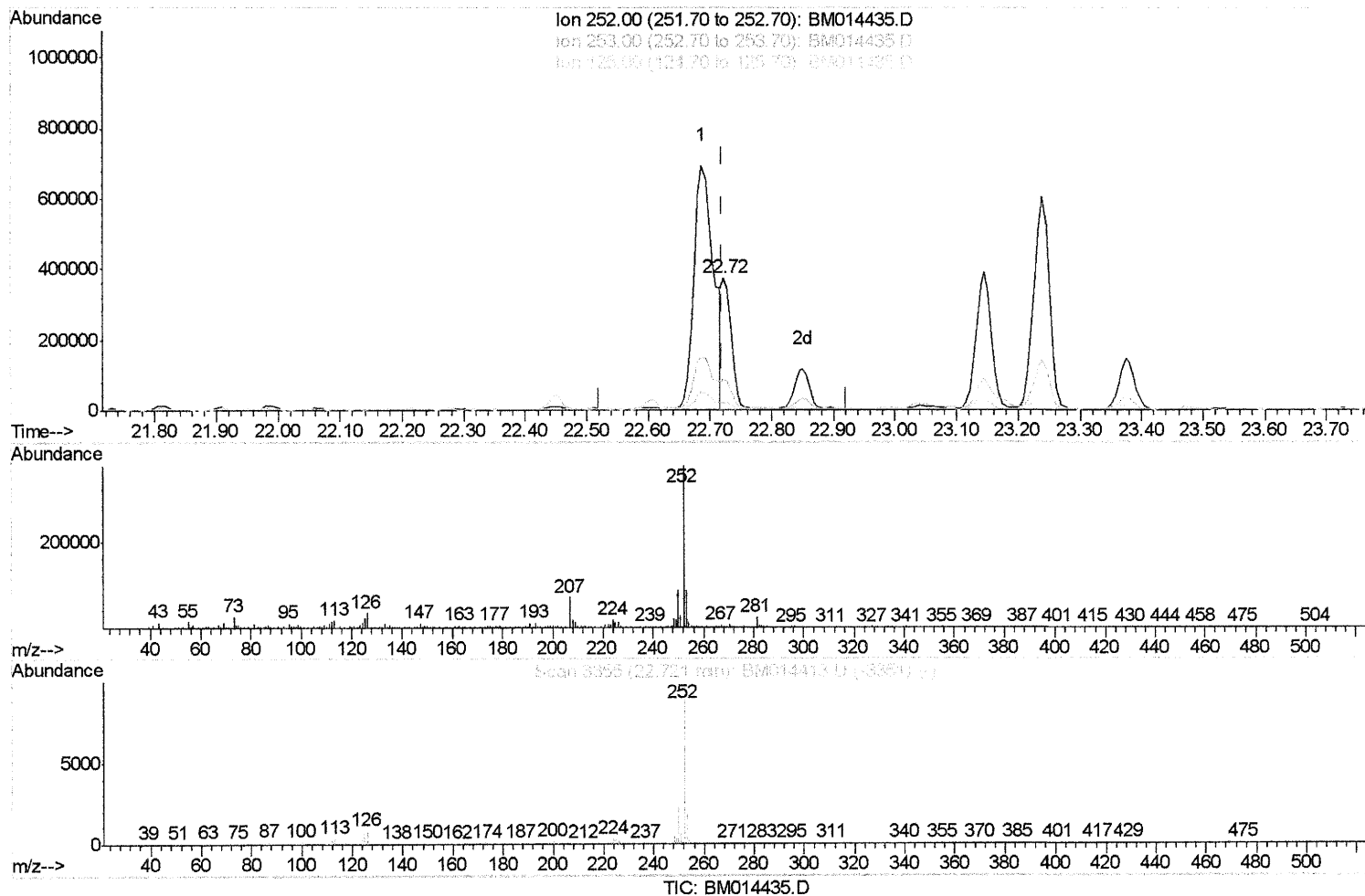
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 QLast Update : Thu Mar 01 03:03:26 2018
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.721min (+0.000) 11.77ng/ul m SJ 3/2/18

response 402109

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.52
125.00	4.30	6.32#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_M
ClientSampleId :
BE5W0

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014435.D
Acq On : 01 Mar 2018 11:44
Operator : SJ/JU
Sample : J1678-10 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Manual Integrations
APPROVED

Sohil
3/1/2018 5:16:11 PM

Quant Time: Mar 01 13:49:05 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	115441	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	538389	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	329494	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	738650	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	701164	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	536442	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	1731	0.64	ng/uL	0.00	
5) Phenol-d5	6.73	99	28576m	2.93	ng/ul	0.02	) SJ 3/2/18
7) Bis-(2-Chloroethyl)ether-d	6.87	67	20389m	3.45	ng/ul	0.01	) SJ 3/2/18
9) 2-Chlorophenol-d4	7.06	132	24078	3.22	ng/ul	0.00	
13) 4-Methylphenol-d8	8.25	113	27455m	3.22	ng/ul	0.01	) SJ 3/2/18
19) Nitrobenzene-d5	8.69	128	14733m	3.70	ng/ul	0.02	
22) 2-Nitrophenol-d4	9.40	143	12487	3.03	ng/ul	0.02	
26) 2,4-Dichlorophenol-d3	9.95	165	29904m	3.51	ng/ul	0.02	SJ 3/2/18
29) 4-Chloroaniline-d4	10.47	131	8190	0.97	ng/ul	0.03	
43) Dimethylphthalate-d6	13.60	166	96527	3.55	ng/ul	0.00	
46) Acenaphthylene-d8	13.86	160	121631	3.62	ng/ul	0.00	
51) 4-Nitrophenol-d4	14.50	143	10370m	2.76	ng/ul	0.06	SJ 3/2/18
57) Fluorene-d10	15.17	176	87891	3.61	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.36	200	370	0.08	ng/ul	0.02	
70) Anthracene-d10	17.03	188	135356	3.80	ng/ul	0.00	
76) Pyrene-d10	19.35	212	155083	4.29	ng/ul	0.00	
87) Benzo(a)pyrene-d12	23.19	264	94814	3.63	ng/ul	0.00	

Target Compounds

					Ovalue	
28) Naphthalene	10.33	128	134150	4.851	ng/ul	96
34) 2-Methylnaphthalene	11.96	142	51288	2.437	ng/ul	95
47) Acenaphthylene	13.89	152	77596	2.447	ng/ul#	95
49) Acenaphthene	14.24	153	133028	5.957	ng/ul	96
53) Dibenzofuran	14.58	168	133864	3.998	ng/ul	94
58) Fluorene	15.23	166	183842	6.360	ng/ul	97
69) Phenanthrene	16.98	178	3280887	77.092	ng/ul	99
71) Anthracene	17.07	178	655437	15.314	ng/ul	100
72) Carbazole	17.35	167	272965	7.585	ng/ul#	96
74) Fluoranthene	19.02	202	4268501	83.950	ng/ul#	92
77) Pyrene	19.38	202	3998460	85.809	ng/ul#	91
80) Benzo(a)anthracene	21.14	228	1782222	40.728	ng/ul	99
82) Chrysene	21.19	228	1545388	37.857	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	1534958	42.734	ng/ul#	98
86) Benzo(k)fluoranthene	22.72	252	402109m	11.775	ng/ul	SJ 3/2/18
88) Benzo(a)pyrene	23.24	252	1038031	32.340	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.50	276	565975	18.171	ng/ul	99
90) Dibenzo(a,h)anthracene	25.50	278	168562	6.513	ng/ul#	86
91) Benzo(g,h,i)perylene	26.16	276	429631	17.027	ng/ul#	96

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