

Quantitation Report (QT Reviewed)

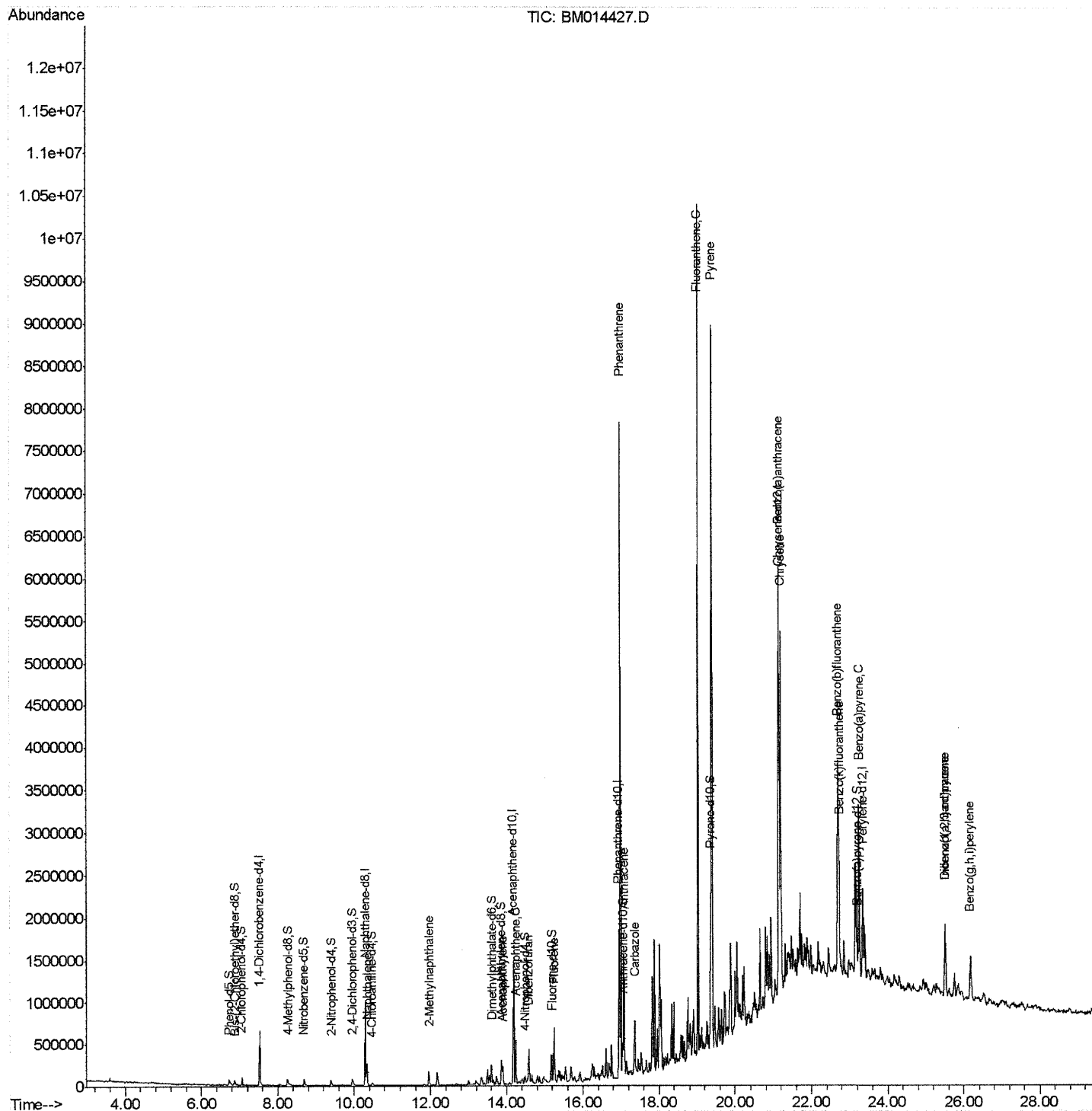
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014427.D
 Acq On : 01 Mar 2018 06:56
 Operator : SJ/JU
 Sample : J1678-10 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5W0

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:15:48 PM

Quant Time: Mar 01 07:52:43 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)

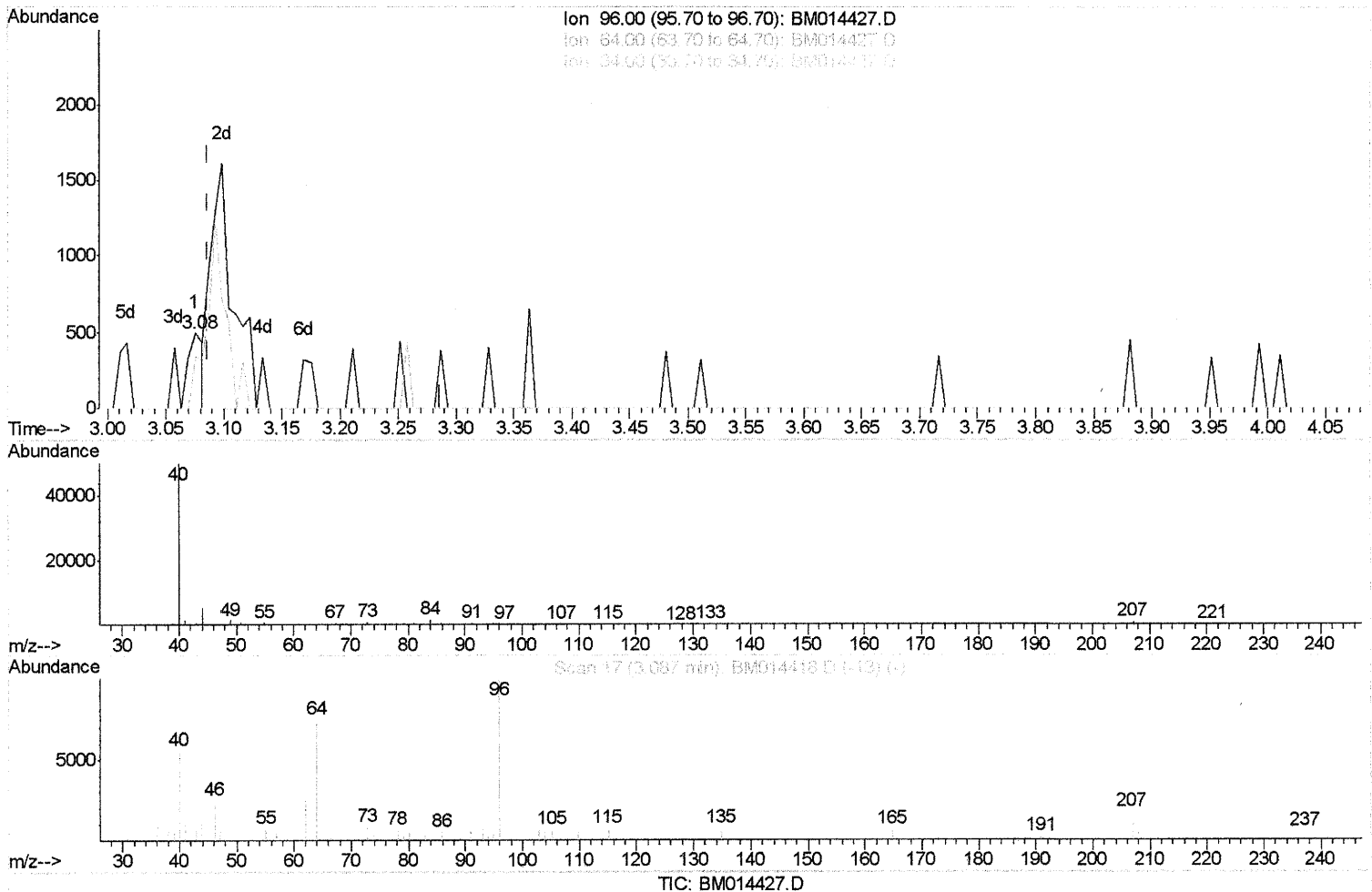
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
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Sohil
3/1/2018 5:15:48 PM

Quant Time: Mar 01 07:45:54 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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(3) 1,4-Dioxane-d8 (S)

3.075min (-0.012) 0.12ng/uL

response 447

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

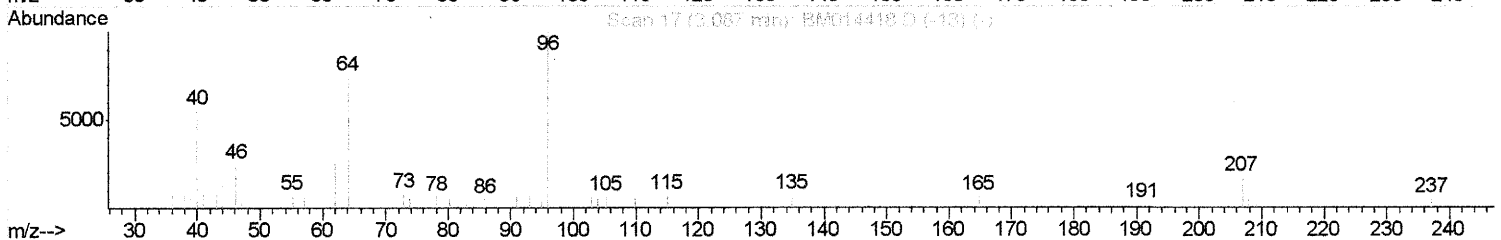
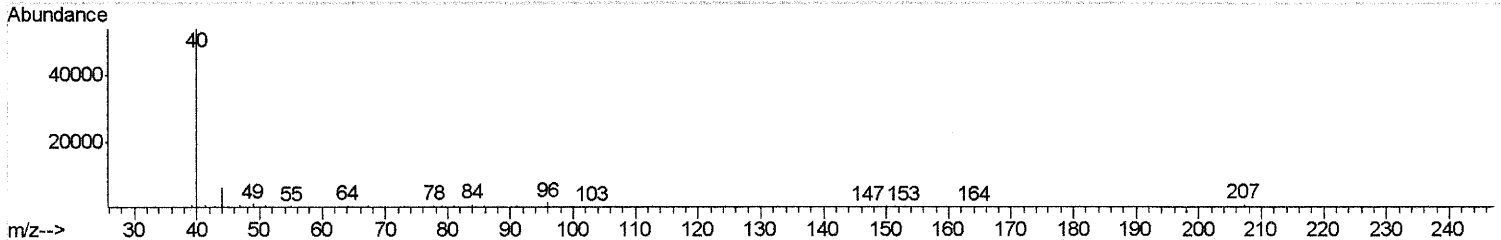
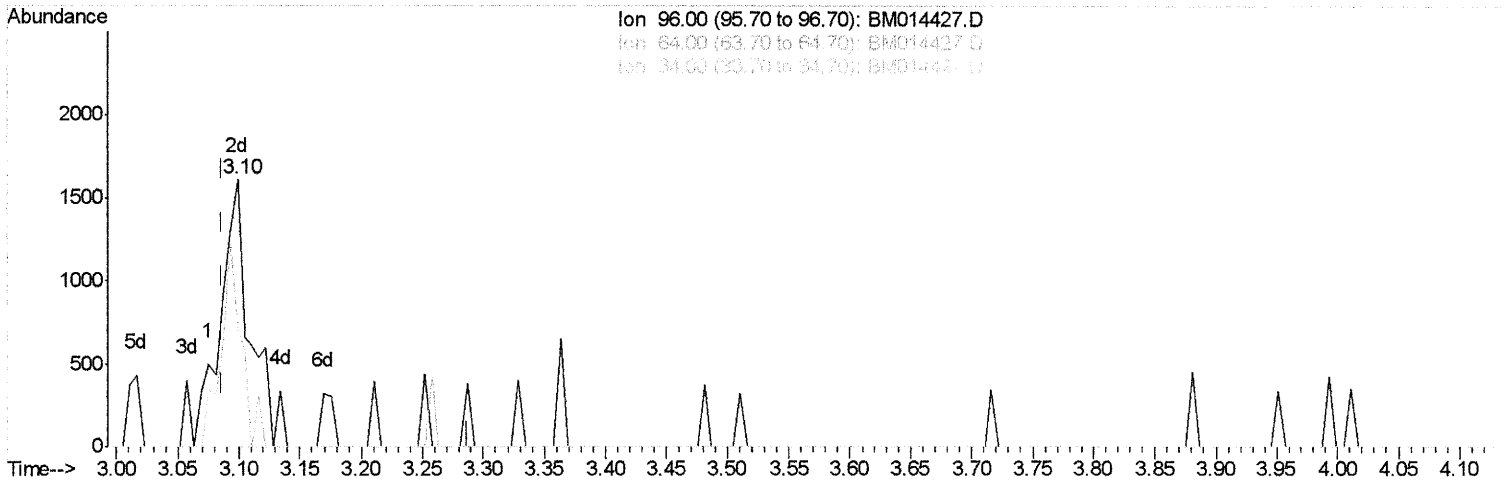
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TIC: BM014427.D

(3) 1,4-Dioxane-d8 (S)

3.099min (+0.012) 0.71ng/uL m

SJ 3/2/18

response 2654

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

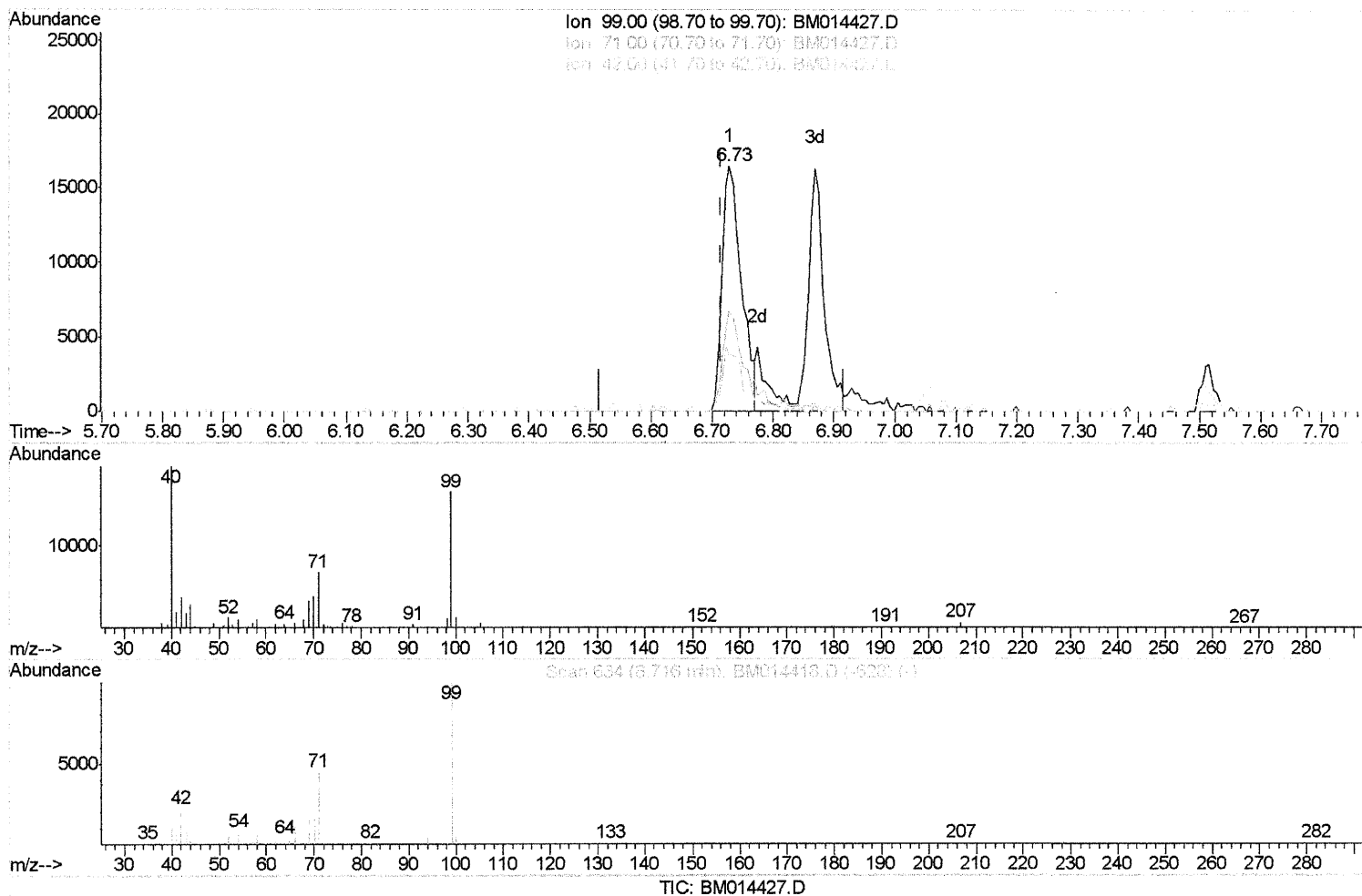
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(5) Phenol-d5 (S)

6.728min (+0.012) 2.73ng/ul

response 36724

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	41.50#
42.00	24.20	23.19
0.00	0.00	0.00

Quantitation Report (Qedit)

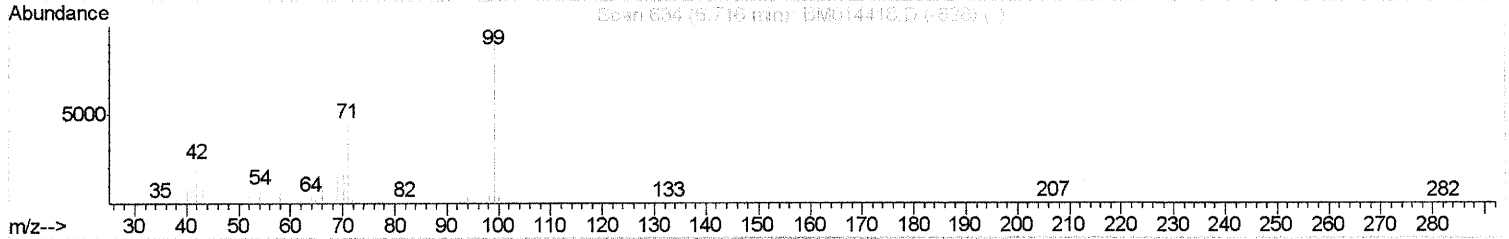
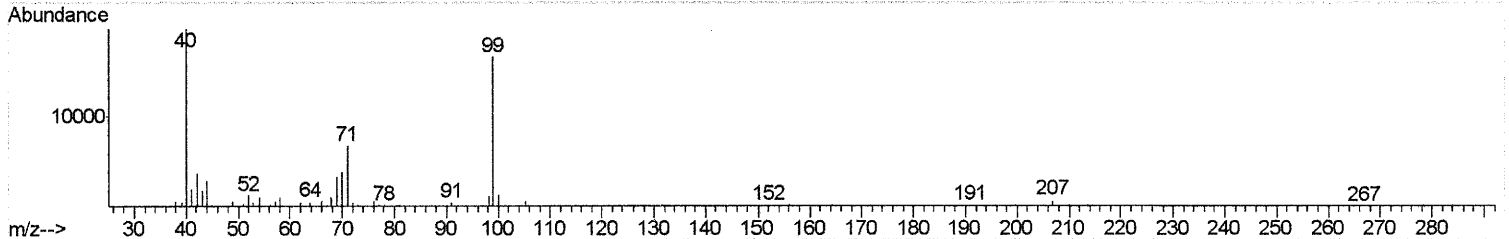
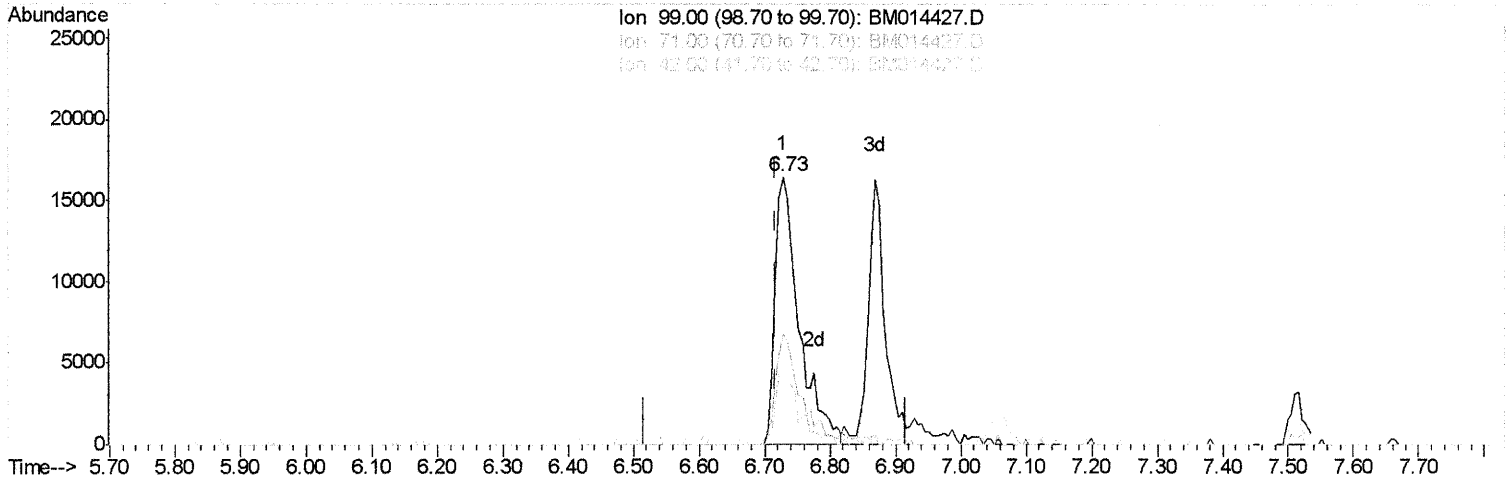
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TIC: BM014427.D

(5) Phenol-d5 (S)

6.728min (+0.012) 3.10ng/ul m

SJ 3/2/18

response 41805

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	41.50#
42.00	24.20	23.19
0.00	0.00	0.00

Quantitation Report (Qedit)

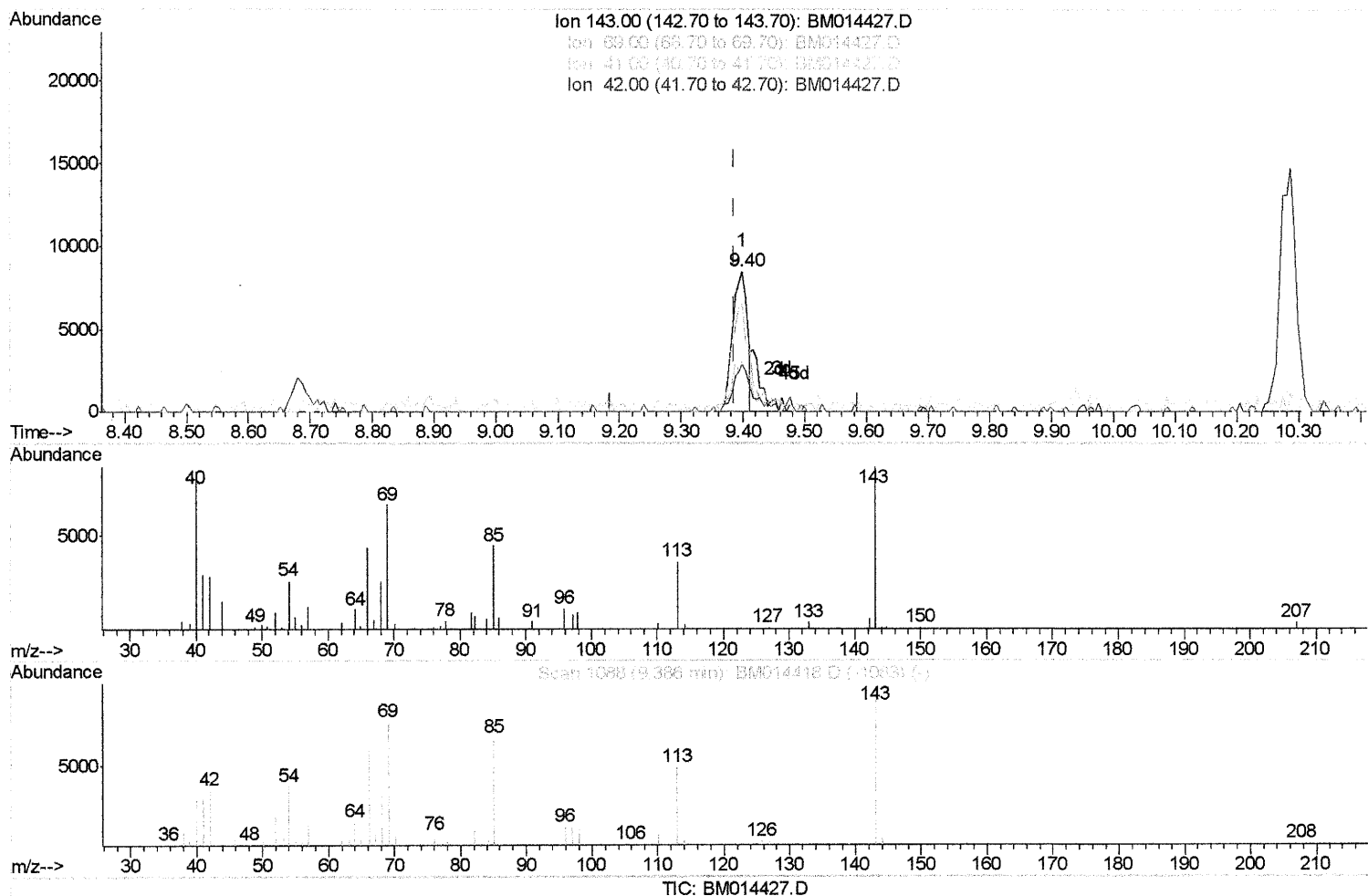
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 BE5W0

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 3/1/2018 5:15:48 PM

Quant Time: Mar 01 07:47:04 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
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(22) 2-Nitrophenol-d4 (S)
 9.398min (+0.012) 2.51ng/ul
 response 14329

Ion	Exp%	Act%
143.00	100	100
69.00	62.50	77.51#
41.00	23.80	36.22#
42.00	24.30	34.32#

Quantitation Report (Qedit)

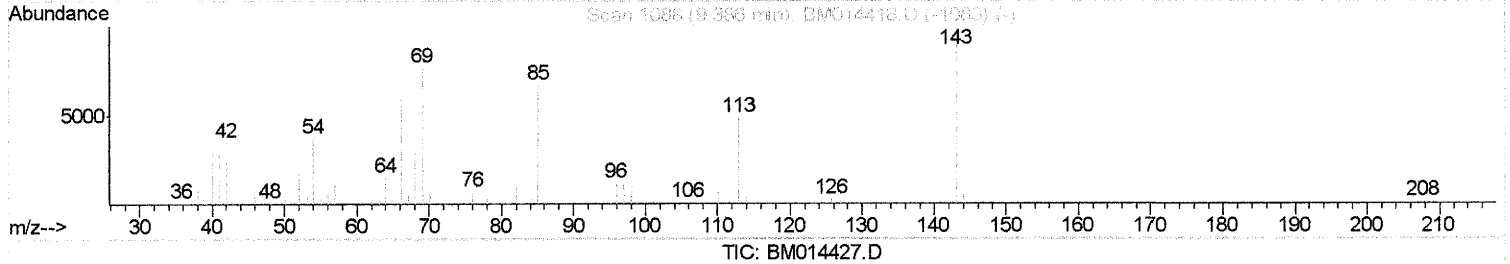
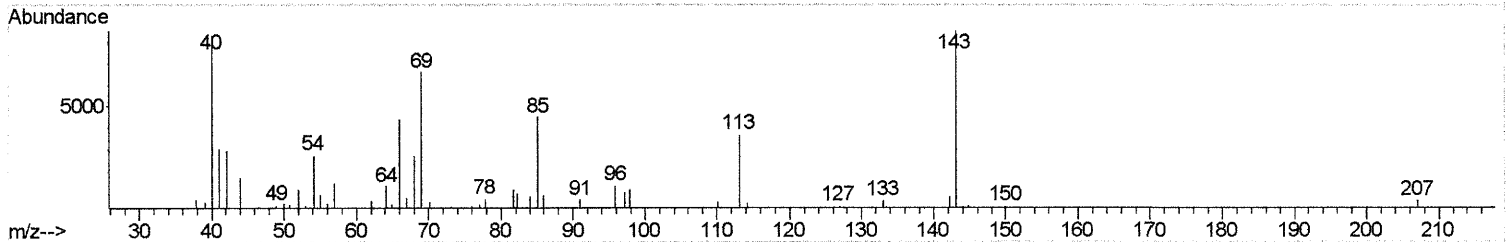
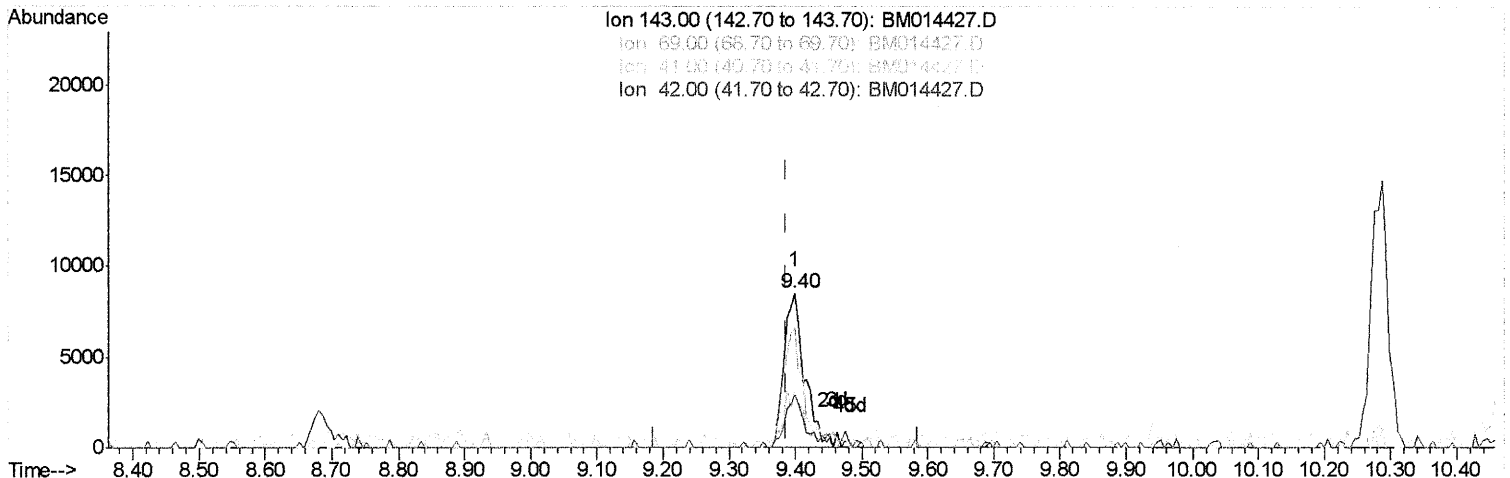
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 Operator : SJ/JU
 Sample : J1678-10 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5W0

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:15:48 PM

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(22) 2-Nitrophenol-d4 (S)

9.398min (+0.012) 3.22ng/ul m SJ 3/2/18

response 18396

Ion	Exp%	Act%
143.00	100	100
69.00	62.50	77.51#
41.00	23.80	36.22#
42.00	24.30	34.32#

Quantitation Report (Qedit)

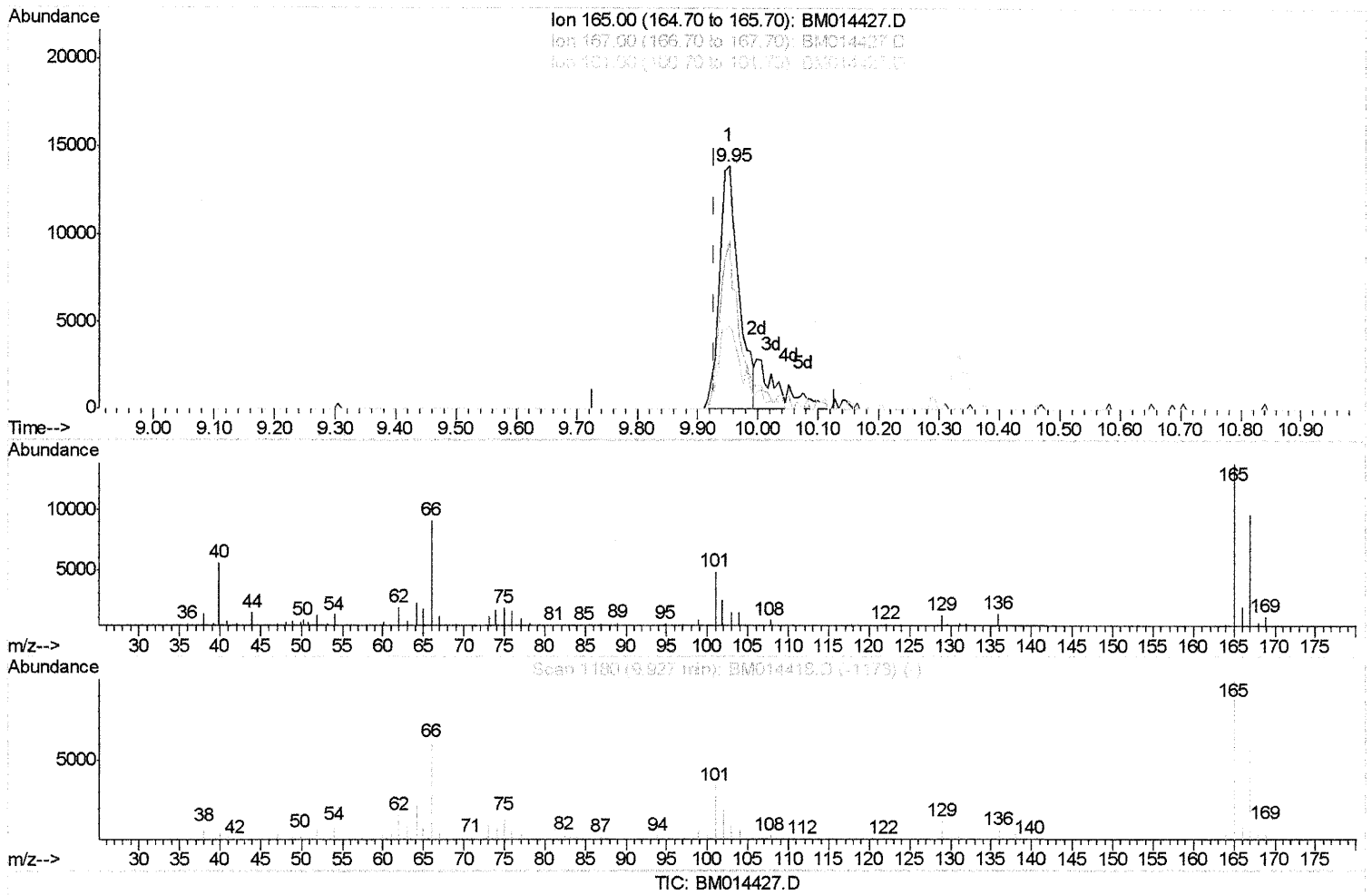
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014427.D
 Acq On : 01 Mar 2018 06:56
 Operator : SJ/JU
 Sample : J1678-10 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5W0

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

9.951min (+0.024) 2.68ng/ul

response 31765

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	69.52
101.00	29.30	34.61
0.00	0.00	0.00

Quantitation Report (Qedit)

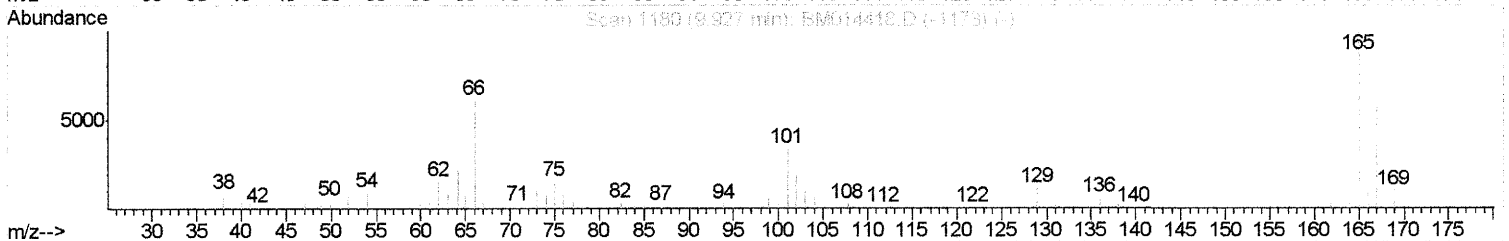
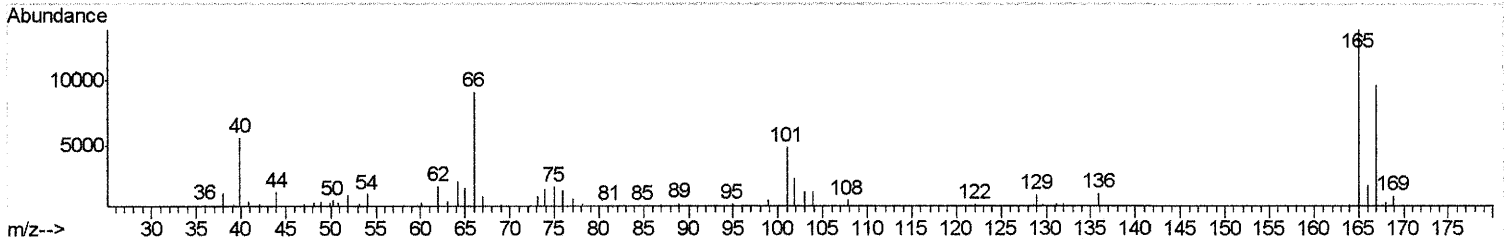
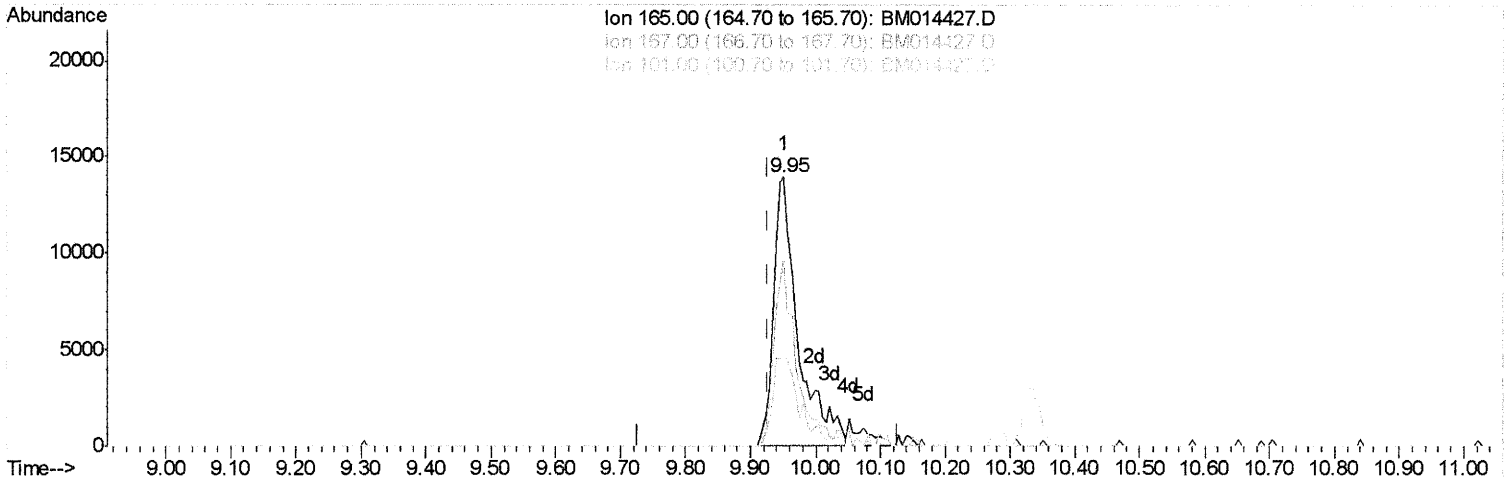
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014427.D
 Acq On : 01 Mar 2018 06:56
 Operator : SJ/JU
 Sample : J1678-10 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5W0

Manual Integrations
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Sohil
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TIC: BM014427.D

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

9.951min (+0.024) 3.12ng/ul m

SJ 3/2/18

response 36959

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	69.52
101.00	29.30	34.61
0.00	0.00	0.00

Quantitation Report (Qedit)

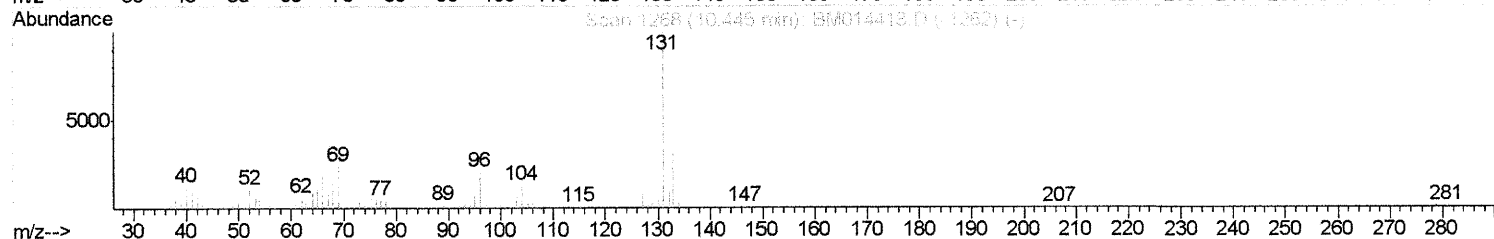
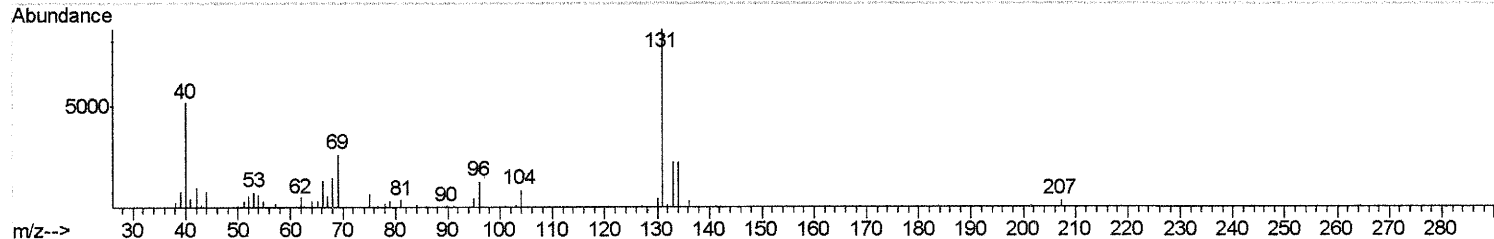
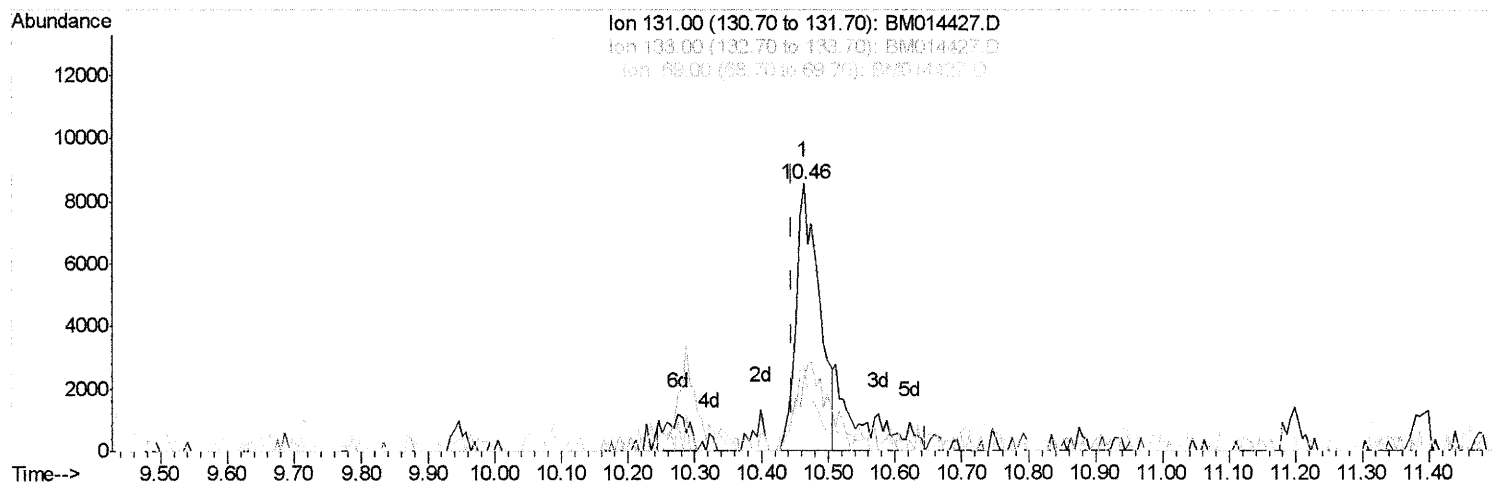
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 Acq On : 01 Mar 2018 06:56
 Operator : SJ/JU
 Sample : J1678-10 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5W0

Manual Integrations
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TIC: BM014427.D

(29) 4-Chloroaniline-d4 (S)

10.463min (+0.018) 1.75ng/ul

response 20426

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	28.09
69.00	24.30	32.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

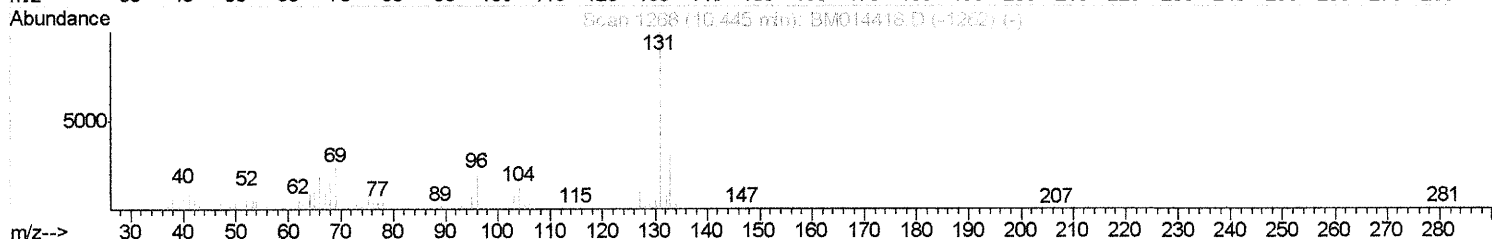
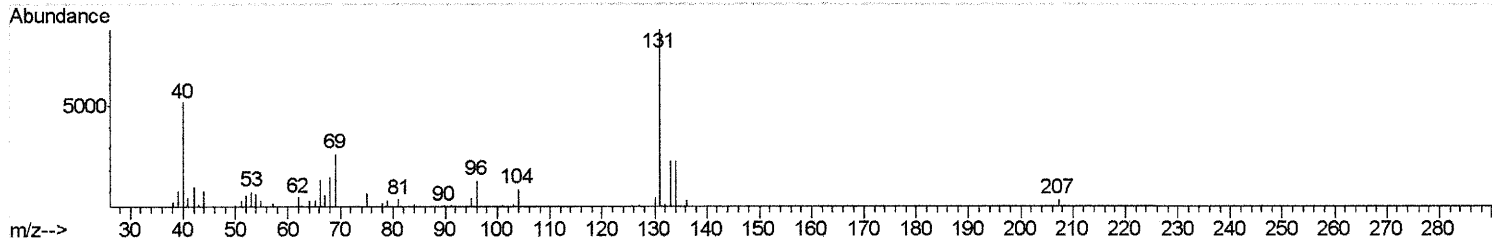
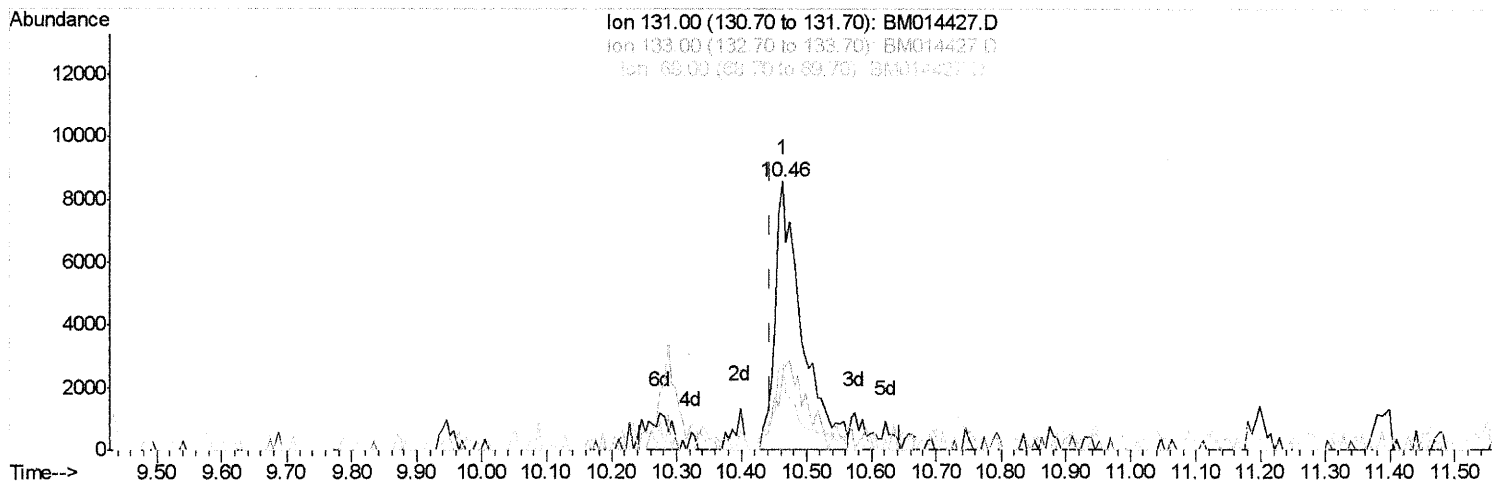
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014427.D
 Acq On : 01 Mar 2018 06:56
 Operator : SJ/JU
 Sample : J1678-10 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5W0

Manual Integrations
 APPROVED

Sohil
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TIC: BM014427.D

(29) 4-Chloroaniline-d4 (S)

10.463min (+0.018) 2.12ng/ul m

SJ 3/2/18

response 24675

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	28.09
69.00	24.30	32.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

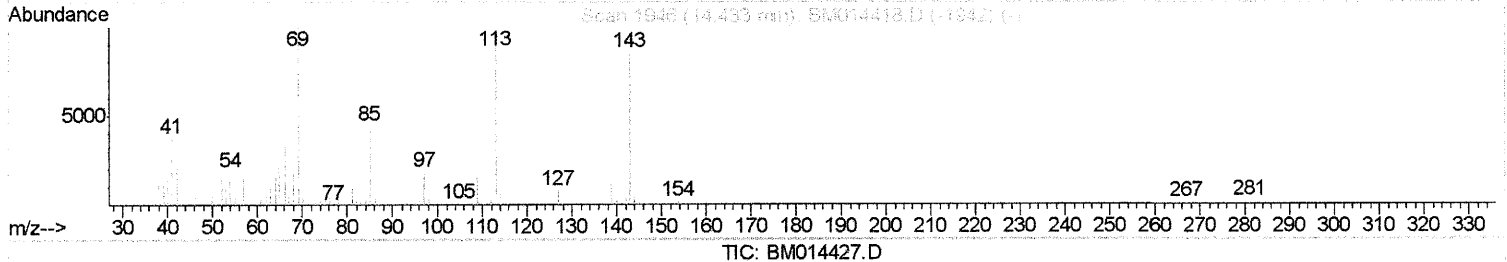
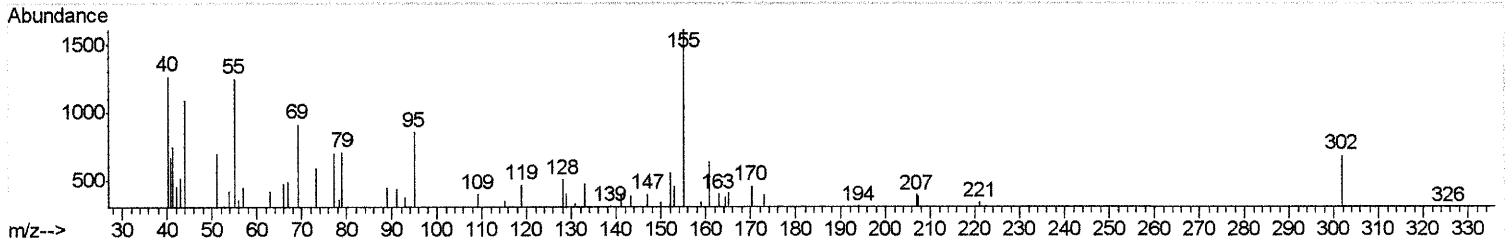
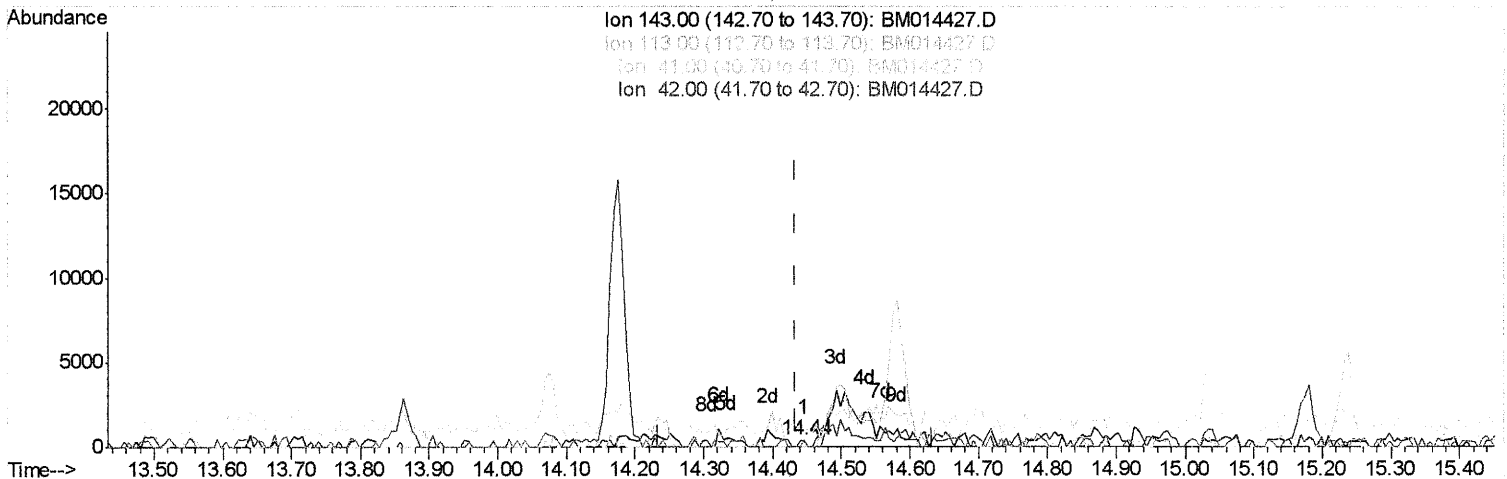
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Manual Integrations
 APPROVED

Sohil
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Quant Time: Mar 01 07:49:07 2018
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(51) 4-Nitrophenol-d4 (S)

14.445min (+0.012) 0.05ng/ul

response 256

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	0.00#
41.00	34.80	374.28#
42.00	20.50	119.95#

Quantitation Report (Qedit)

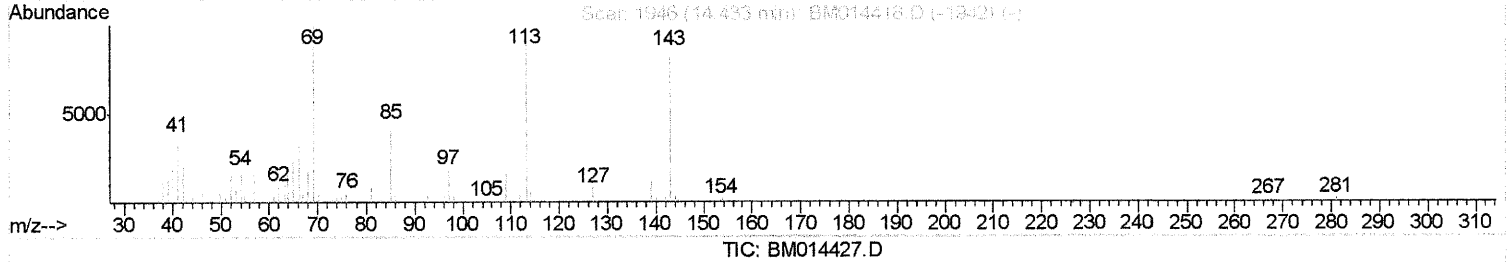
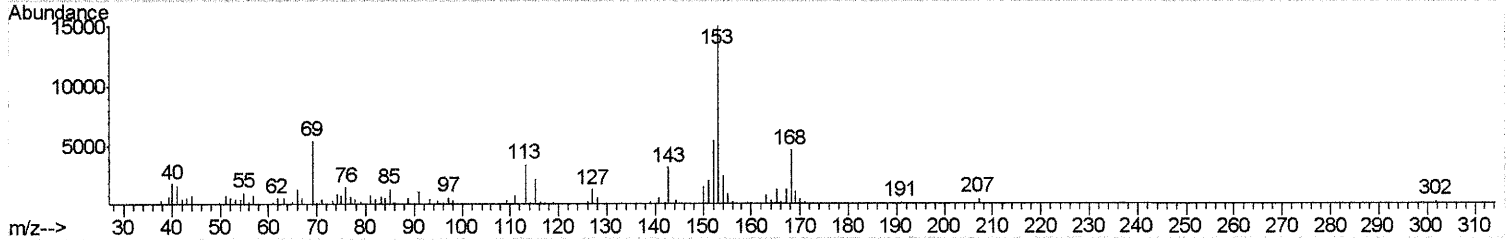
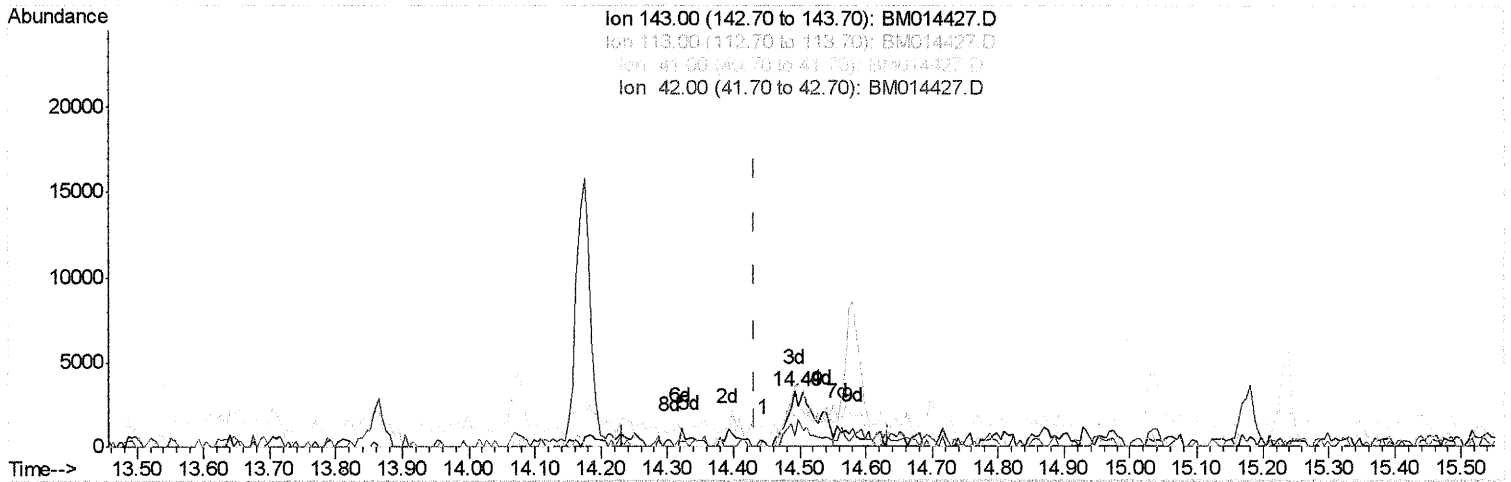
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(51) 4-Nitrophenol-d4 (S)

14.492min (+0.059) 2.01ng/ul m SJ 3/2/18

response 10106

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	108.97
41.00	34.80	56.04#
42.00	20.50	20.63

Quantitation Report (Qedit)

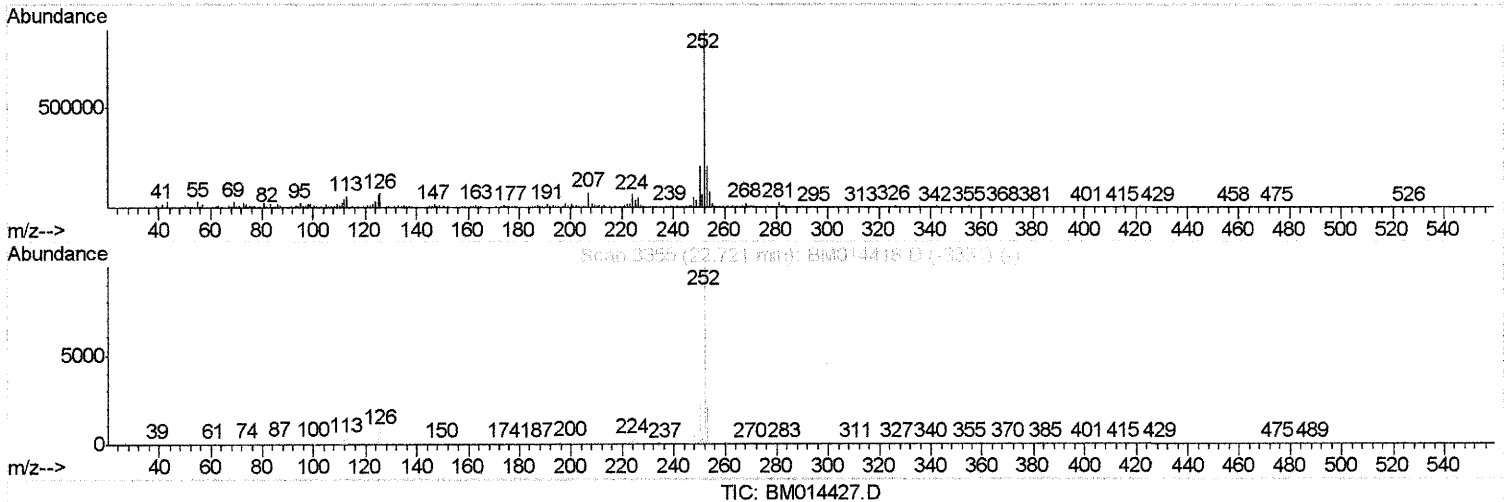
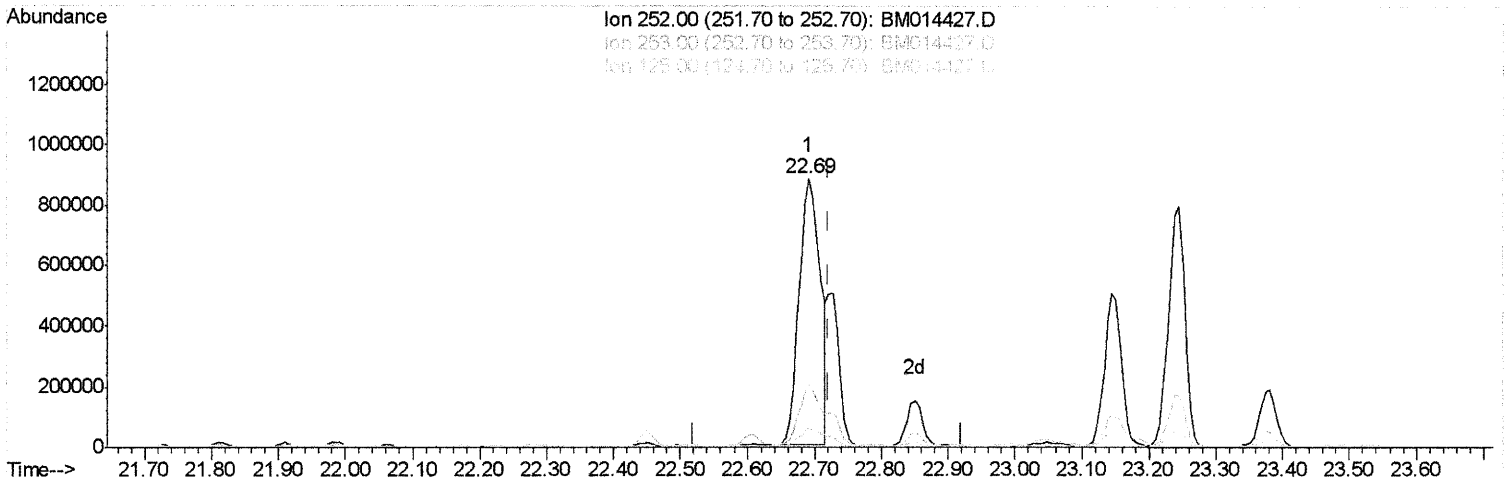
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(86) Benzo(k)fluoranthene

22.691min (-0.029) 43.54ng/ui

response 1951078

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.54
125.00	4.30	7.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

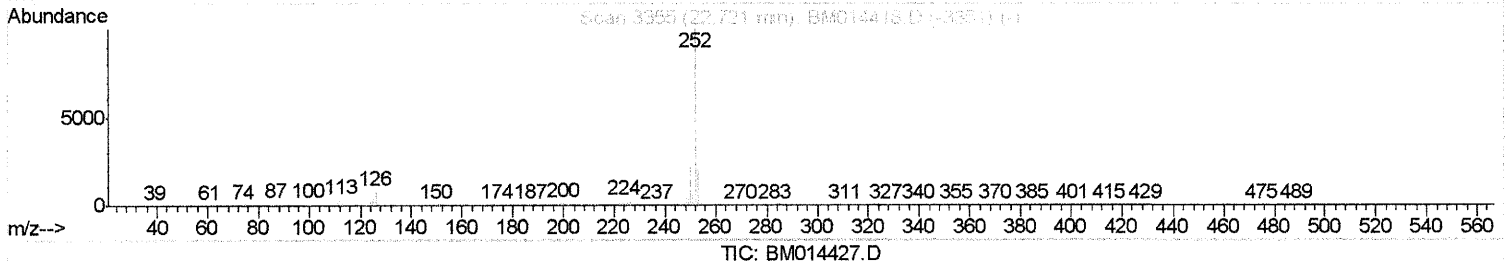
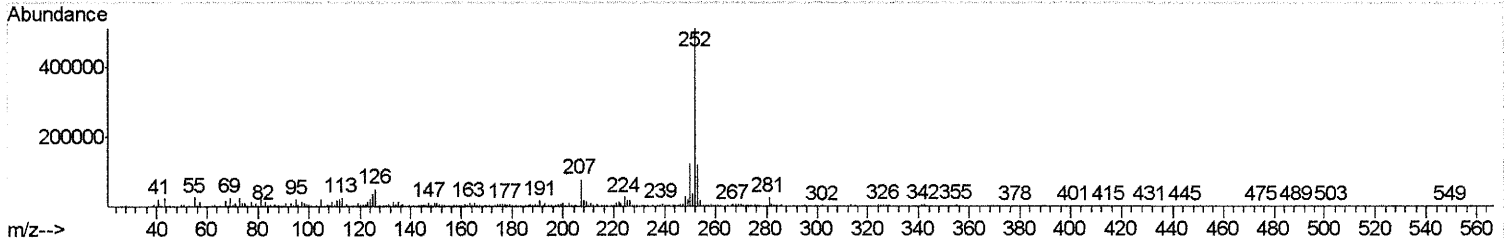
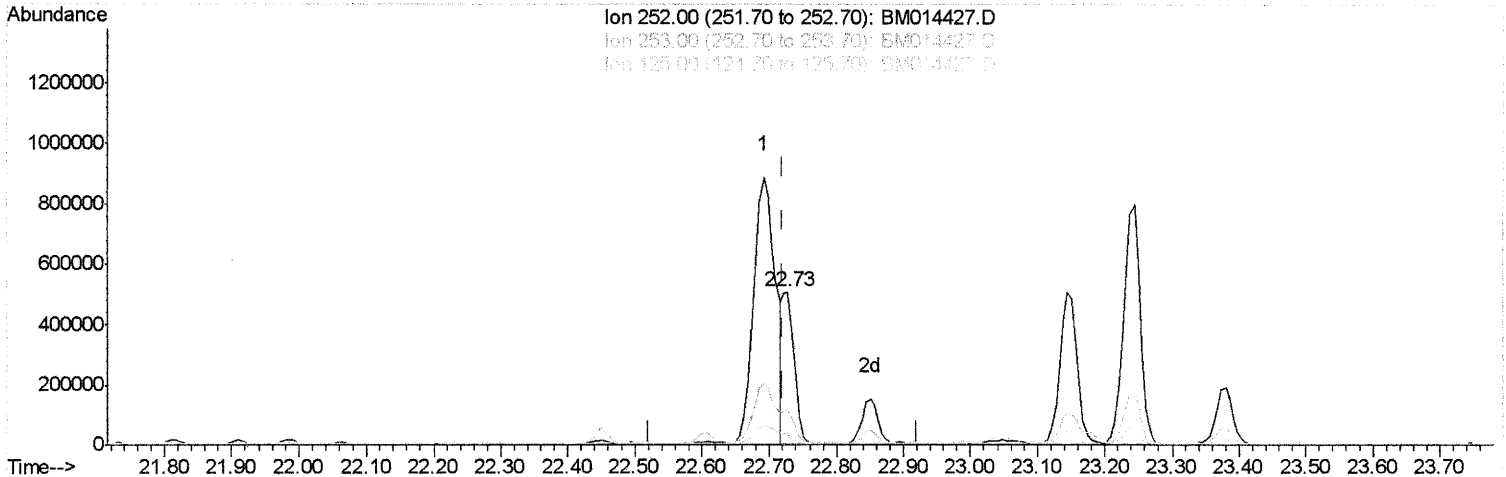
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(86) Benzo(k)fluoranthene

22.727min (+0.006) 13.97ng/ul m SJ 3/2/18

response 626218

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.19
125.00	4.30	6.91#
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	7.51	152	159429	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	747260	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	441612	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	941598	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	940367	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	703881	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	2654m)	0.71	ng/uL	0.01	S 3/2/18
5) Phenol-d5	6.73	99	41805m)	3.10	ng/ul	0.01	
7) Bis-(2-Chloroethyl)ether-d	6.87	67	22629	2.77	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.06	132	32702	3.17	ng/ul	0.00	S 3/2/18
13) 4-Methylphenol-d8	8.26	113	31806	2.70	ng/ul	0.02	
19) Nitrobenzene-d5	8.69	128	17800	3.22	ng/ul	0.02	
22) 2-Nitrophenol-d4	9.40	143	18396m}	3.22	ng/ul	0.01	S 3/2/18
26) 2,4-Dichlorophenol-d3	9.95	165	36959m}	3.12	ng/ul	0.02	
29) 4-Chloroaniline-d4	10.46	131	24675m}	2.12	ng/ul	0.02	
43) Dimethylphthalate-d6	13.60	166	128374	3.52	ng/ul	0.00	S 3/2/18
46) Acenaphthylene-d8	13.86	160	161100	3.58	ng/ul	0.00	
51) 4-Nitrophenol-d4	14.49	143	10106m -	2.01	ng/ul	0.06	
57) Fluorene-d10	15.18	176	110830	3.39	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.34	200	340	0.06	ng/ul	0.00	
70) Anthracene-d10	17.04	188	172304	3.79	ng/ul	0.00	
76) Pyrene-d10	19.35	212	190238	3.92	ng/ul	0.00	
87) Benzo(a)pyrene-d12	23.20	264	130135	3.80	ng/ul	0.01	

Target Compounds

Target Compounds					Ovalue	
28) Naphthalene	10.33	128	179742	4.683	ng/ul#	95
34) 2-Methylnaphthalene	11.96	142	73272	2.508	ng/ul	91
47) Acenaphthylene	13.89	152	105821	2.490	ng/ul#	97
49) Acenaphthene	14.24	153	185972	6.214	ng/ul	99
53) Dibenzofuran	14.58	168	178933	3.987	ng/ul	92
58) Fluorene	15.23	166	238130	6.146	ng/ul	98
69) Phenanthrene	16.99	178	4253840	78.410	ng/ul	99
71) Anthracene	17.07	178	827122	15.160	ng/ul	100
72) Carbazole	17.36	167	350744	7.645	ng/ul	98
74) Fluoranthene	19.02	202	5464000	84.301	ng/ul#	92
77) Pyrene	19.39	202	5121005	81.944	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	2317664	39.491	ng/ul	99
82) Chrysene	21.19	228	2049827	37.441	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	1951078	41.397	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	626218m	13.975	ng/ul	
88) Benzo(a)pyrene	23.24	252	1364187	32.391	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	753649	18.441	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.50	278	227225	6.691	ng/ul#	92
91) Benzo(g,h,i)perylene	26.16	276	569417	17.199	ng/ul#	95

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