

Quantitation Report (QT Reviewed)

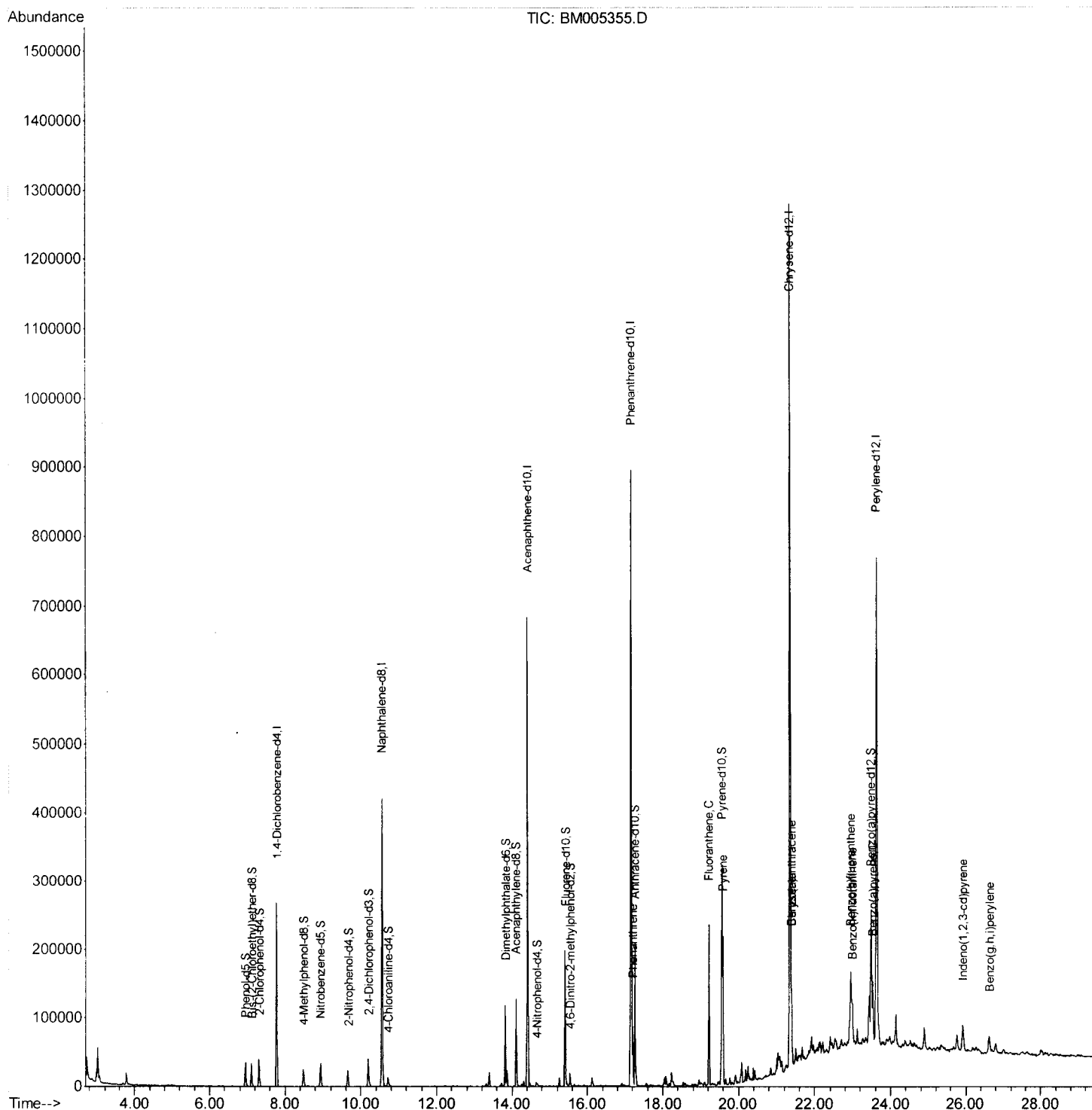
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050916\
 Data File : BM005355.D
 Acq On : 09 May 2016 11:58
 Operator : UM/SJ
 Sample : H2888-05 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WW2

Manual Integrations
 APPROVED

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Quant Time: May 10 04:46:20 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 04:23:52 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

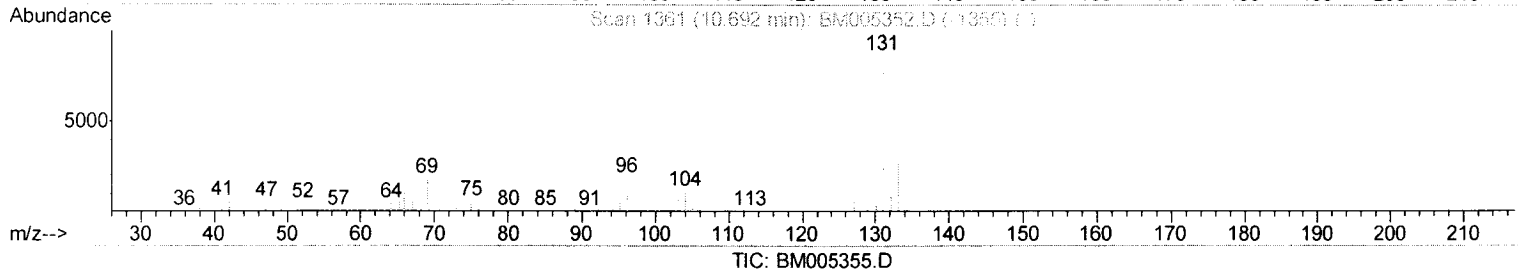
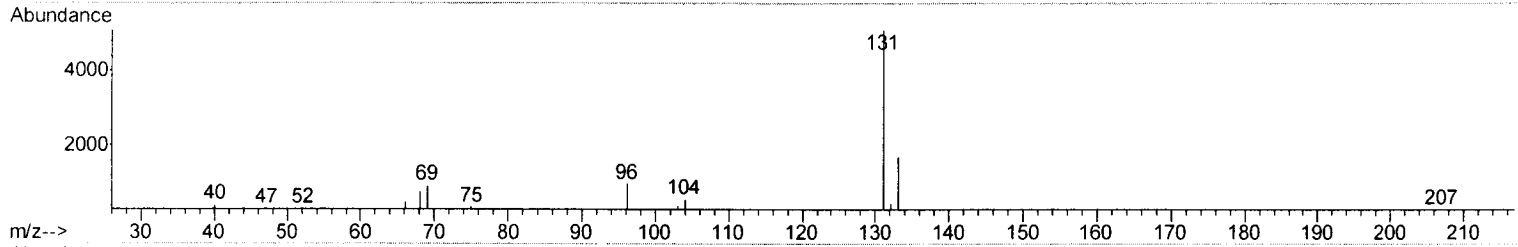
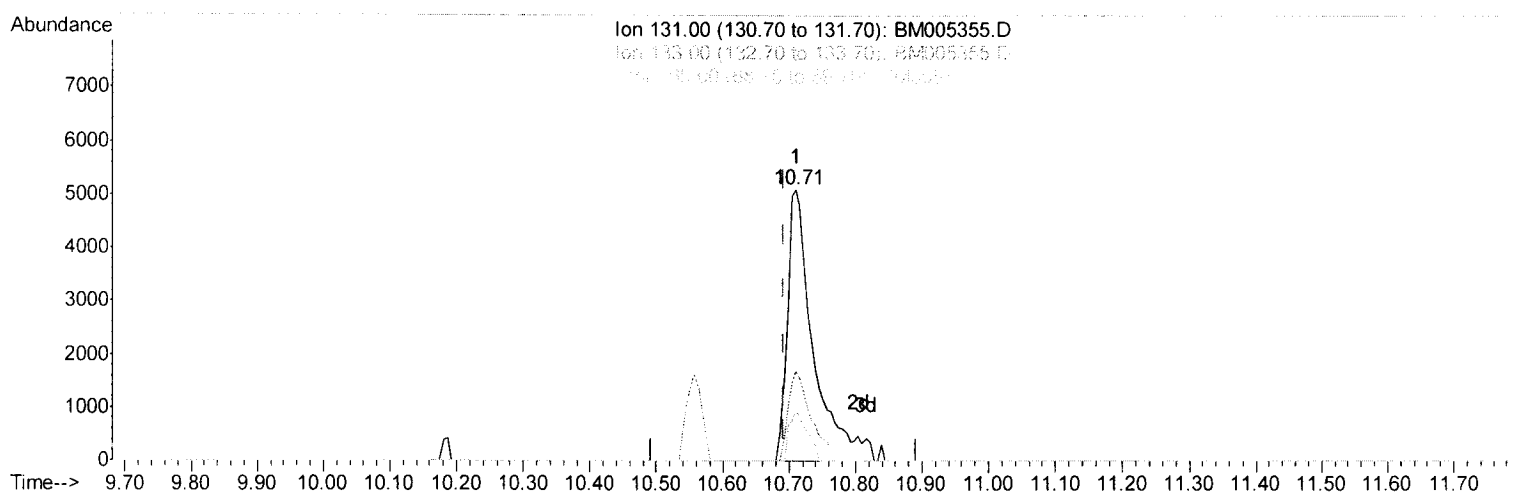
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(29) 4-Chloroaniline-d4 (S)

10.710min (+0.018) 2.13ng/ul m U.M

response 14020

05/11/2016

Ion	Exp%	Act%
131.00	100	100
133.00	32.30	33.59
69.00	19.20	18.63
0.00	0.00	0.00

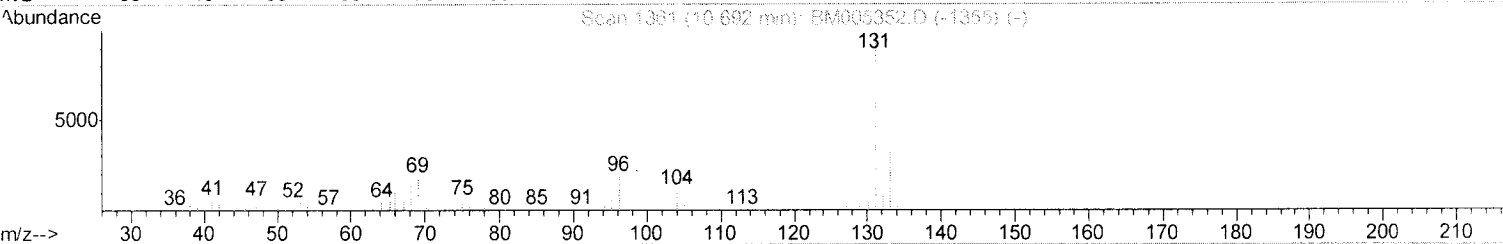
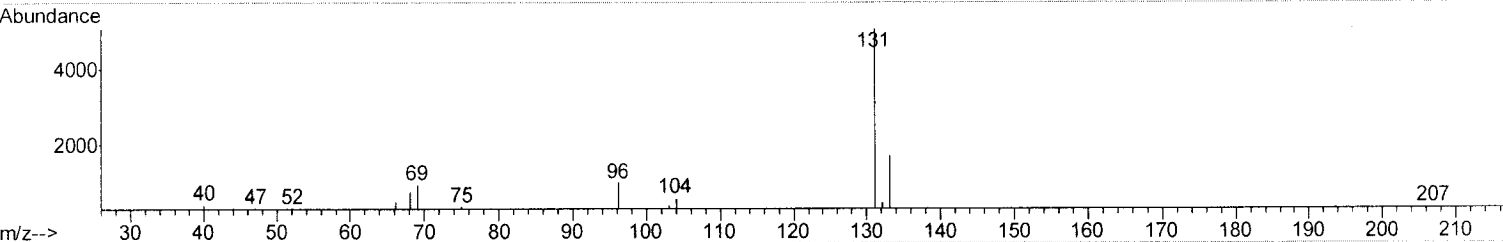
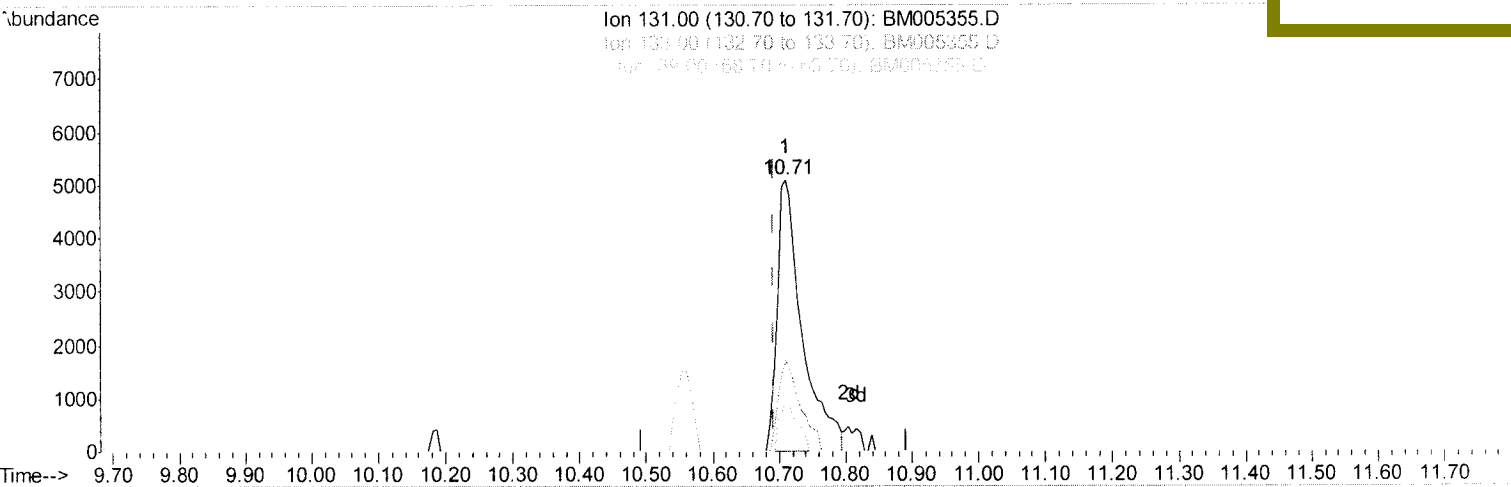
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TIC: BM005355.D

(29) 4-Chloroaniline-d4 (S)

10.710min (+0.018) 2.01ng/ul

response 13229

Ion	Exp%	Act%
131.00	100	100
133.00	32.30	33.59
69.00	19.20	18.63
0.00	0.00	0.00

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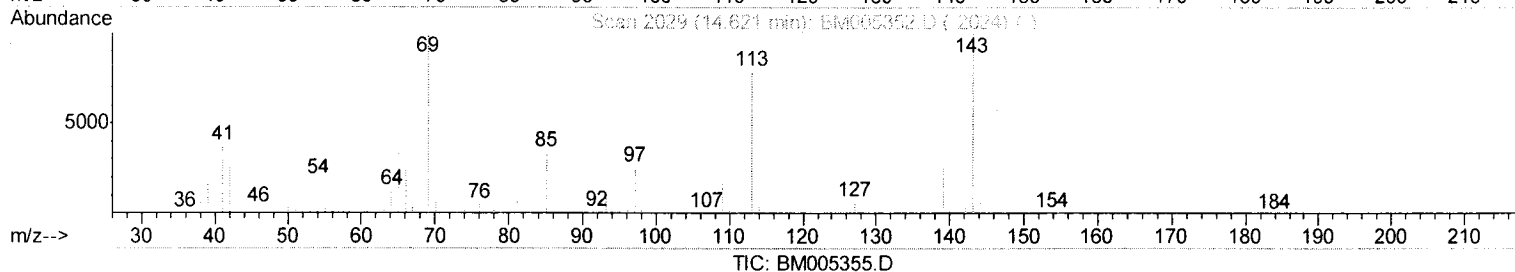
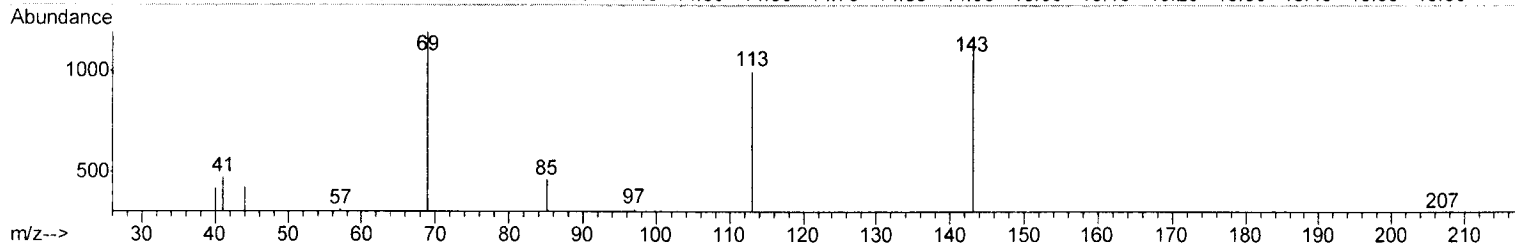
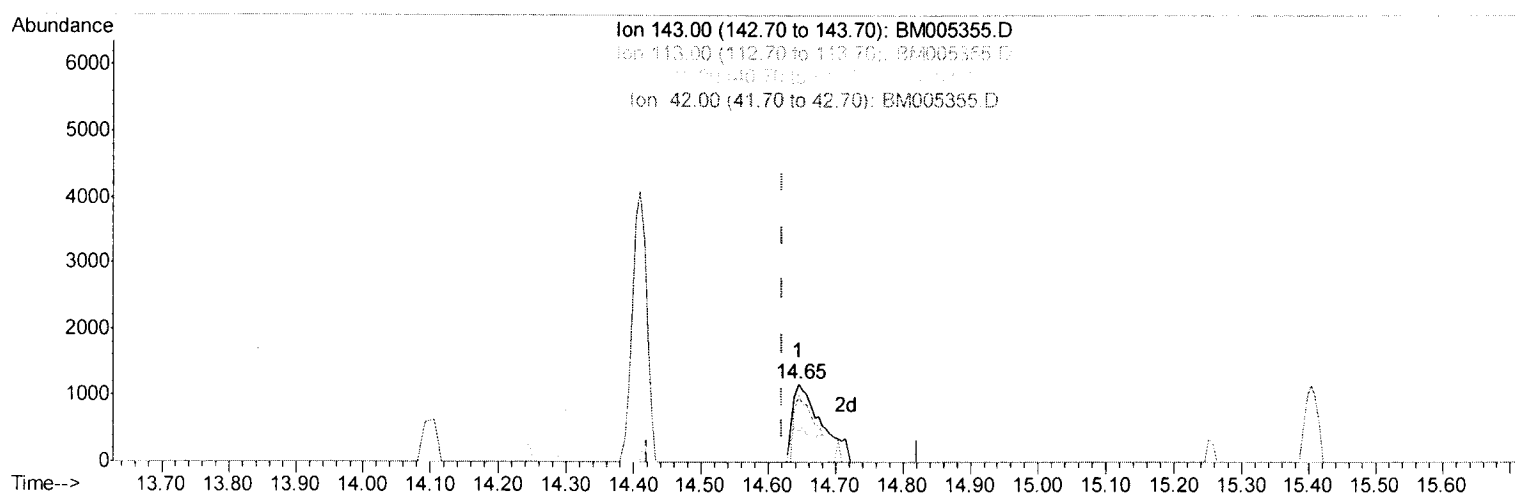
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(51) 4-Nitrophenol-d4 (S)

14.645min (+0.024) 1.05ng/ul m U, M

response 3492

05/11/2016

Ion	Exp%	Act%
143.00	100	100
113.00	75.60	85.20
41.00	38.10	40.48
42.00	26.00	0.00#

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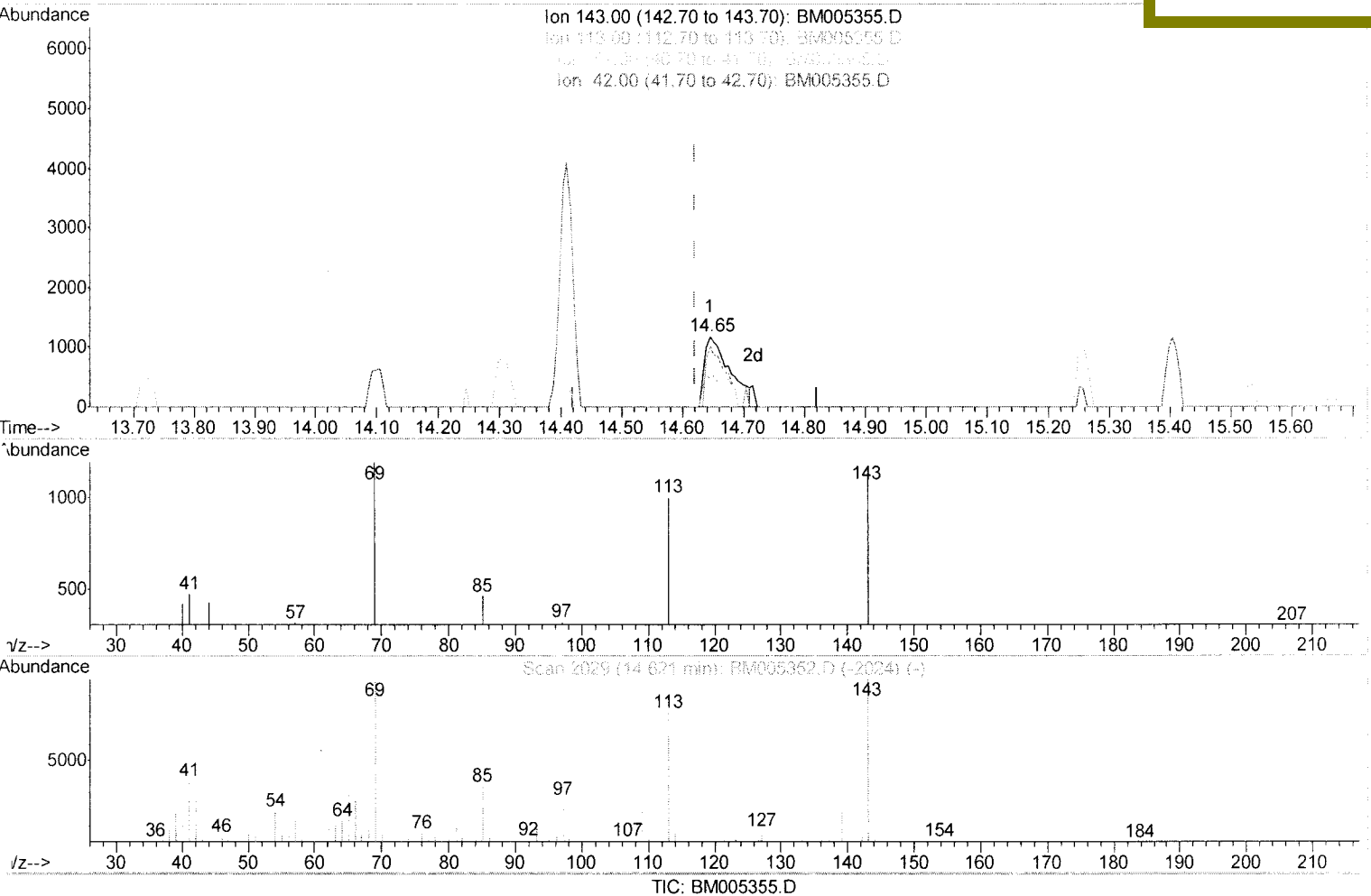
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(51) 4-Nitrophenol-d4 (S)

14.645min (+0.024) 1.02ng/ul

response 3367

Ion	Exp%	Act%
143.00	100	100
113.00	75.60	85.20
41.00	38.10	40.48
42.00	26.00	0.00#

Quantitation Report (Qedit)

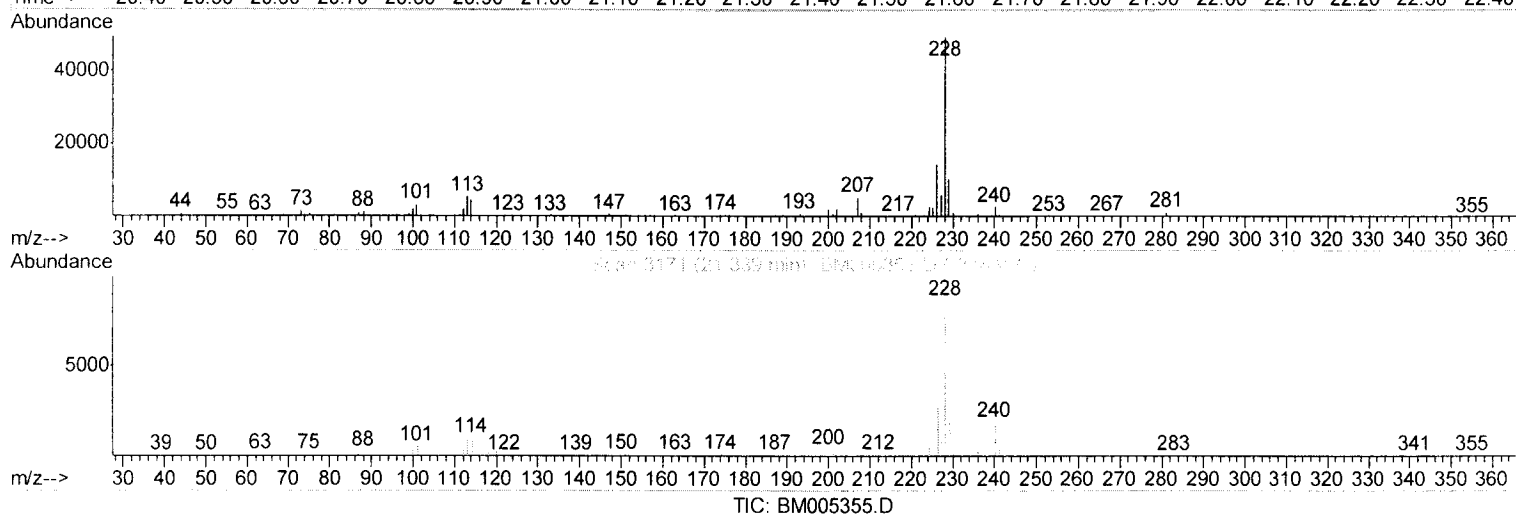
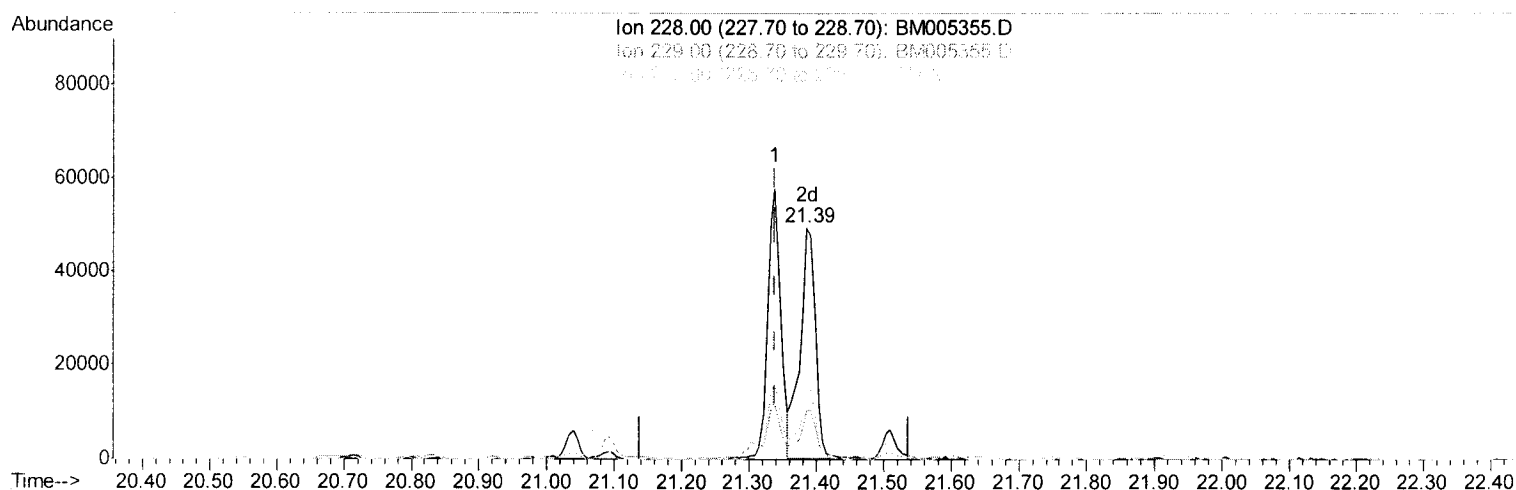
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(80) Benzo(a)anthracene

21.386min (+0.047) 2.30ng/ul m

response 77531

Ion Exp% Act%

228.00	100	100
229.00	19.40	21.00
226.00	27.30	29.44
0.00	0.00	0.00

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Quantitation Report (Qedit)

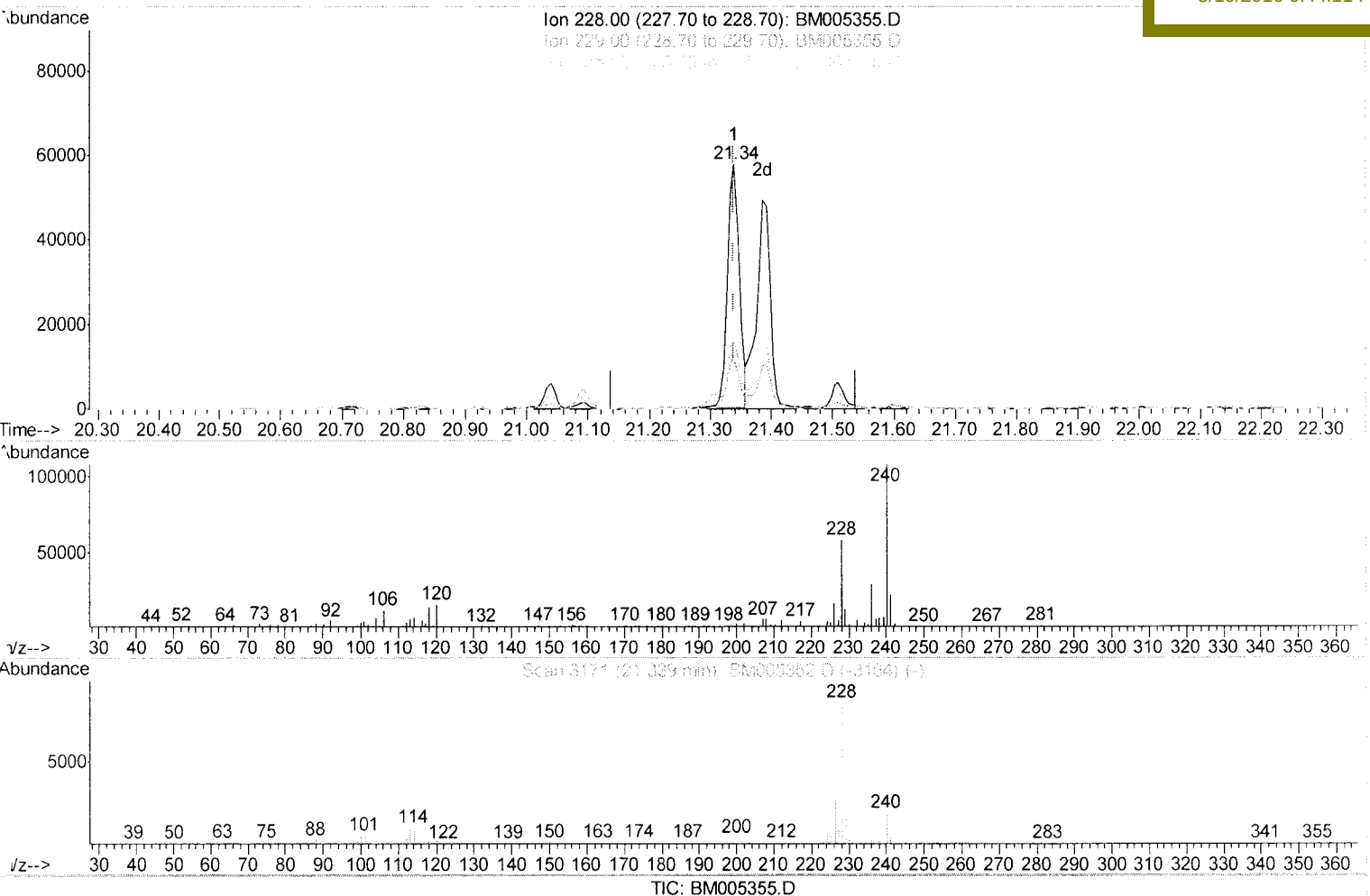
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Manual Integrations
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(80) Benzo(a)anthracene

21.339min (+0.000) 2.29ng/ul

response 76874

Ion	Exp%	Act%
228.00	100	100
229.00	19.40	20.34
226.00	27.30	27.97
0.00	0.00	0.00

Quantitation Report (Qedit)

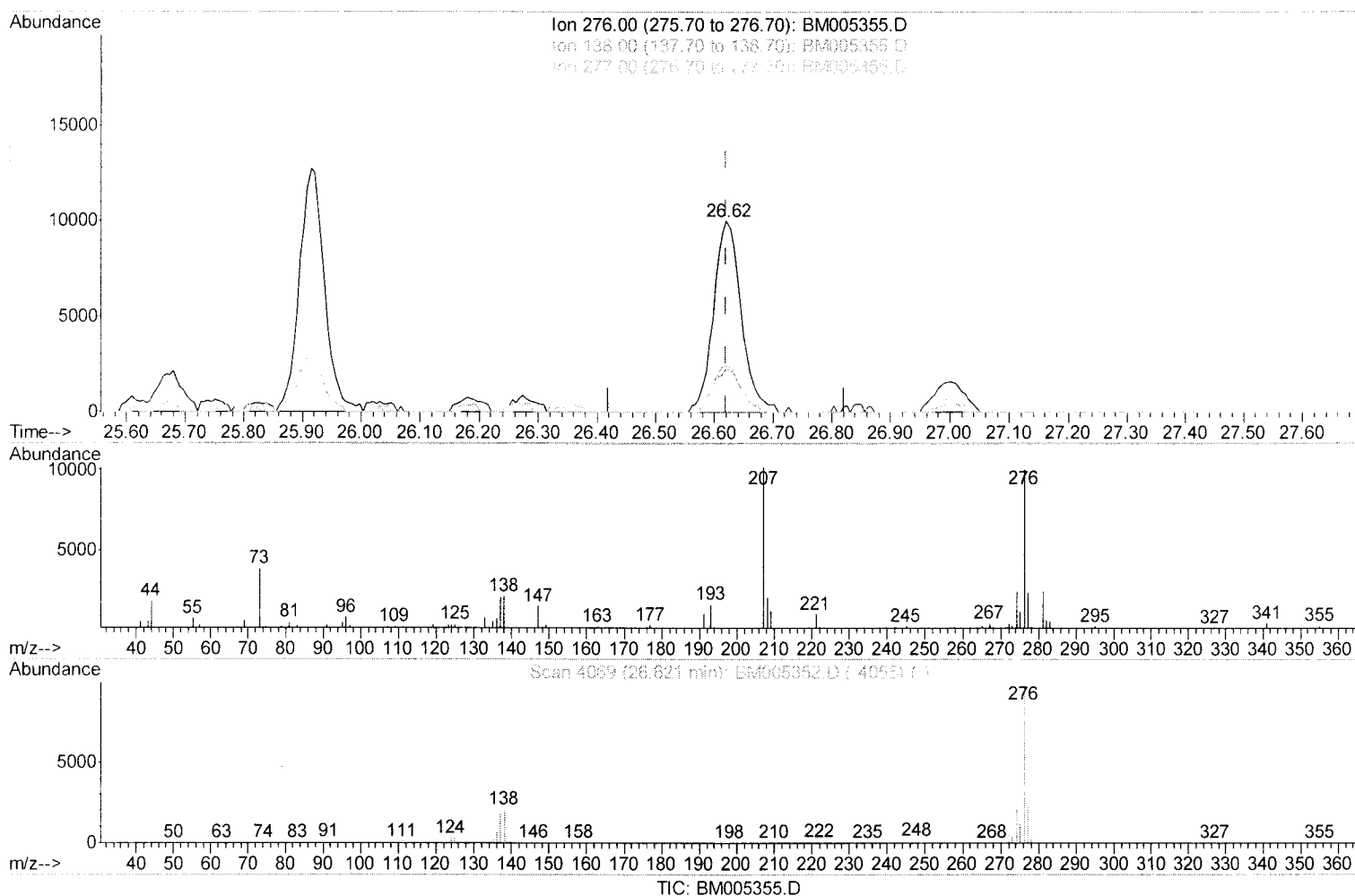
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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(91) Benzo(g,h,i)perylene

26.621min (+0.000) 1.28ng/ul m

response 32919

U.M
 05/11/2016

Ion	Exp%	Act%
276.00	100	100
138.00	22.80	22.40
277.00	24.30	24.33
0.00	0.00	0.00

Quantitation Report (Qedit)

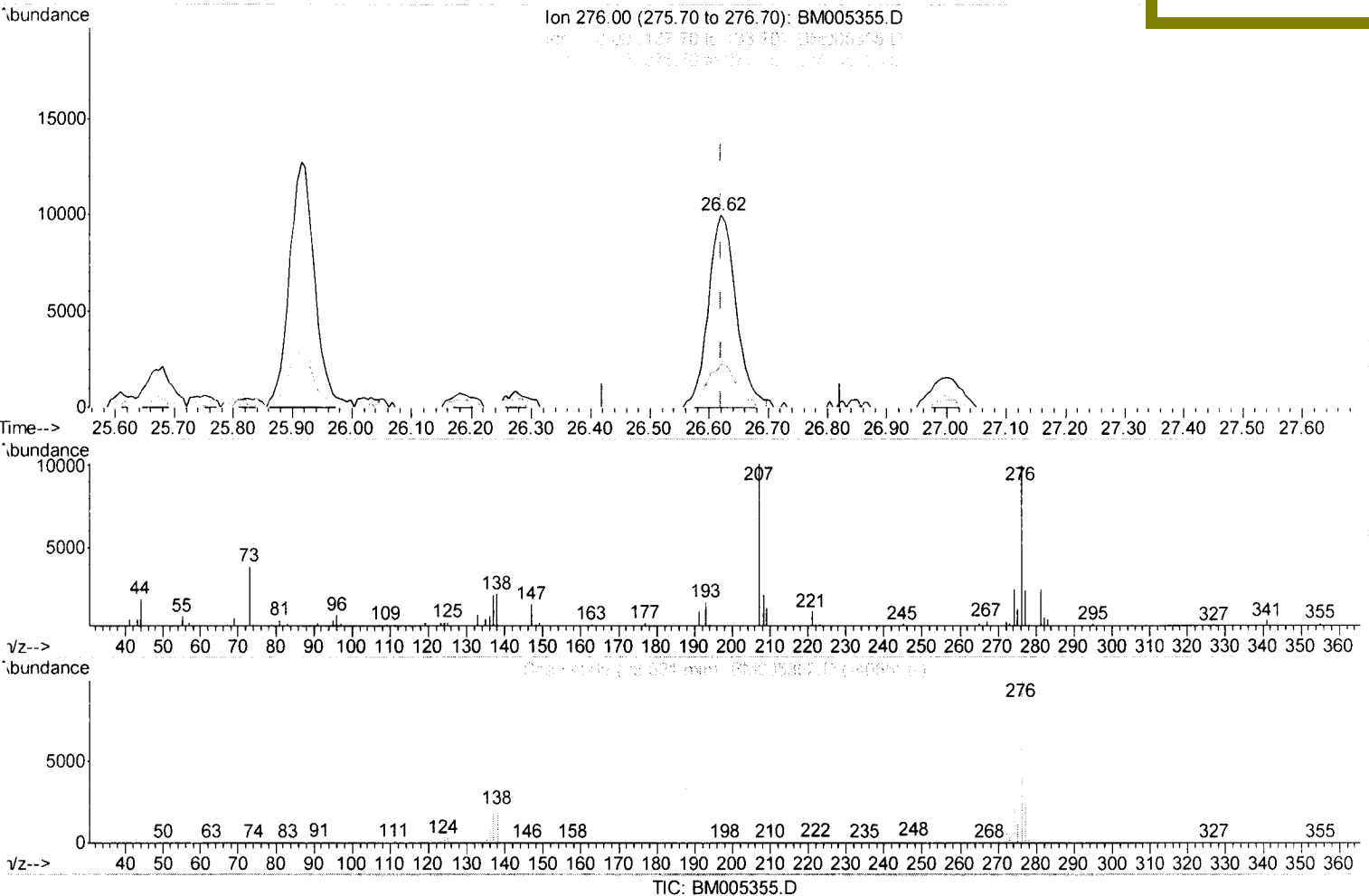
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ALS Vial : 5 Sample Multiplier: 1

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Manual Integrations
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(91) Benzo(g,h,i)perylene

26.621min (+0.000) 1.27ng/ul

response 32660

Ion	Exp%	Act%
276.00	100	100
138.00	22.80	22.40
277.00	24.30	24.33
0.00	0.00	0.00

Quantitation Report (Qedit)

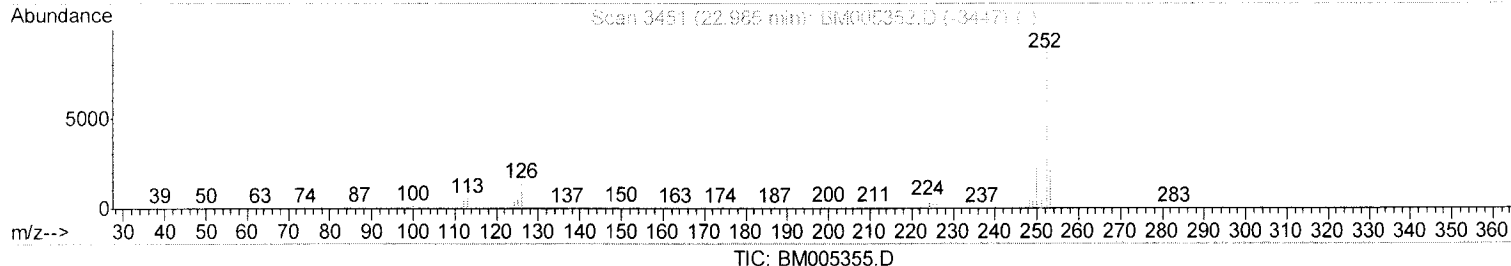
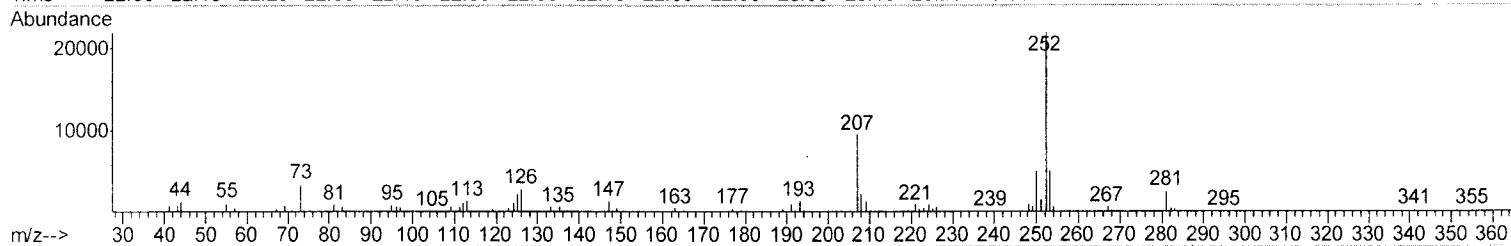
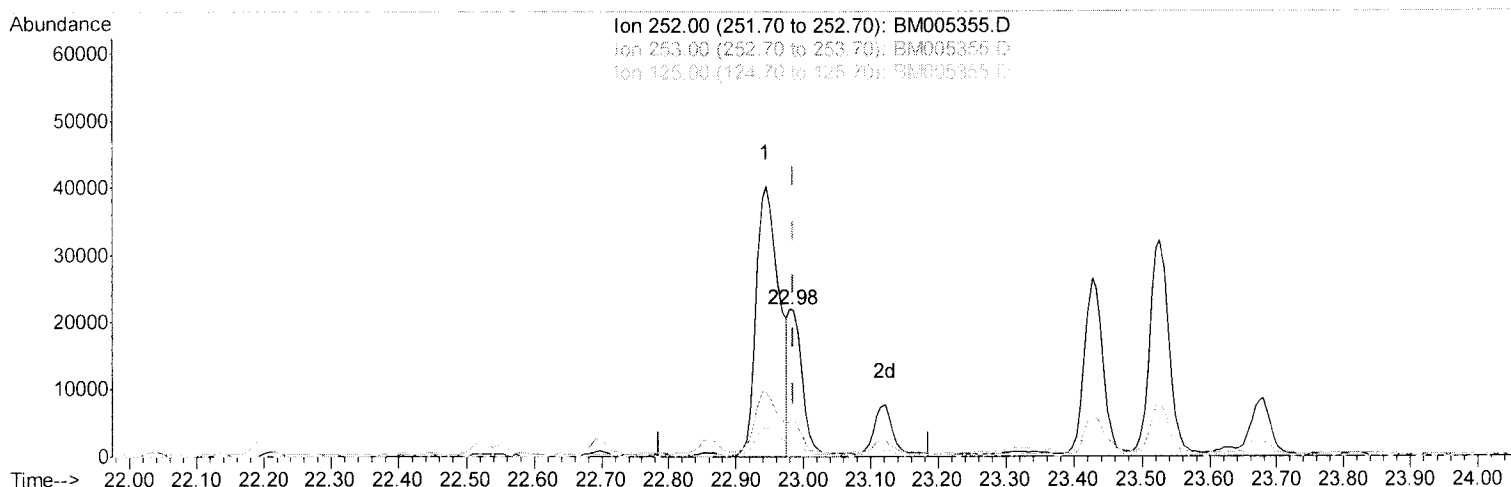
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 D9VW2

Manual Integrations
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TIC: BM005355.D

(86) Benzo(k)fluoranthene

22.980min (-0.006) 1.16ng/ul m

response 32077

U.M
 05/11/2016

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.62
125.00	10.00	11.05
0.00	0.00	0.00

Quantitation Report (Qedit)

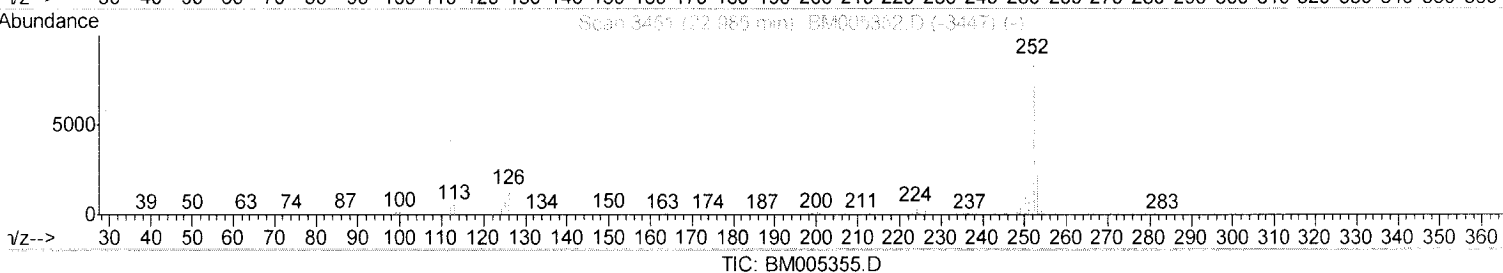
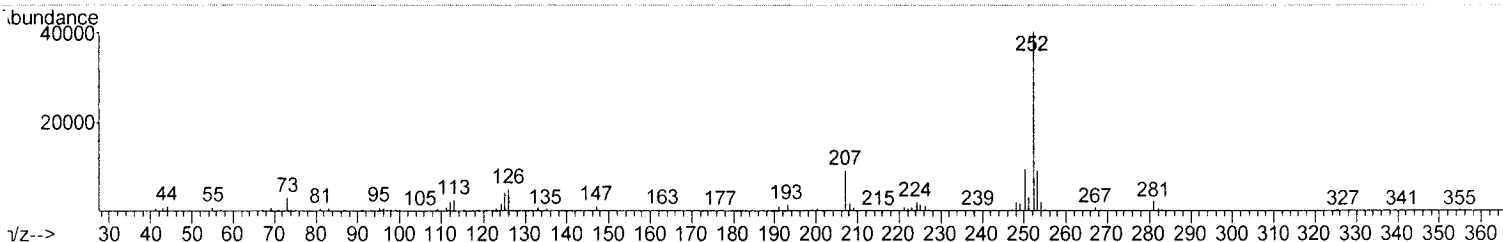
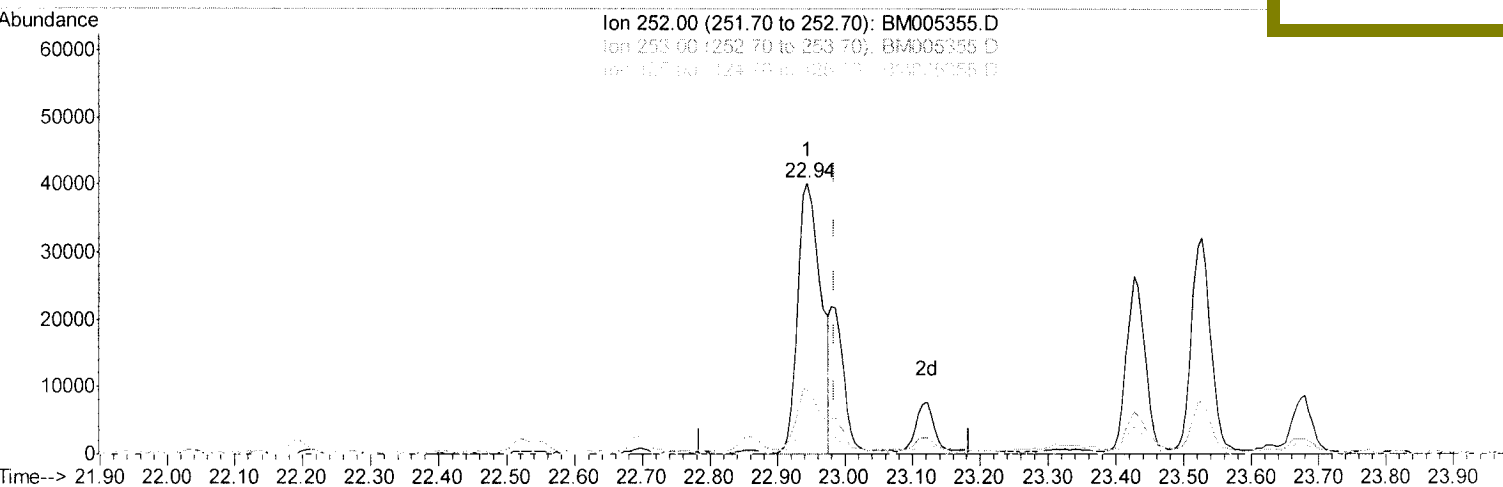
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(86) Benzo(k)fluoranthene

22.945min (-0.041) 3.47ng/ul

response 96026

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.47
125.00	10.00	11.08
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	7.77	152	74720	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	363645	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	226632	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	528779	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	584751	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	502579	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	1031	0.65	ng/uL	0.00
5) Phenol-d5	6.95	99	25592	3.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	16503	4.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	20955	4.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	12348	2.20	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	9236	3.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	9673	3.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	20846	3.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	14020m	2.13	ng/ul	0.02
43) Dimethylphthalate-d6	13.82	166	80417	4.43	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	97220	4.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	3492m	1.05	ng/ul	0.02
57) Fluorene-d10	15.40	176	79685	5.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	5346	1.80	ng/ul	0.00
70) Anthracene-d10	17.26	188	120945	5.17	ng/ul	0.00
76) Pyrene-d10	19.56	212	145785	5.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	114796	5.16	ng/ul	0.00

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Target Compounds

					Qvalue
69) Phenanthrene	17.20	178	55998	2.01 ng/ul	99
74) Fluoranthene	19.22	202	143639	4.66 ng/ul	96
77) Pyrene	19.59	202	138797	4.09 ng/ul	98
80) Benzo(a)anthracene	21.39	228	77531m	2.30 ng/ul	
82) Chrysene	21.39	228	76530	2.40 ng/ul	98
85) Benzo(b)fluoranthene	22.94	252	96026	3.27 ng/ul	97
86) Benzo(k)fluoranthene	22.98	252	32077m	1.16 ng/ul	
88) Benzo(a)pyrene	23.53	252	61845	2.23 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.91	276	37358	1.23 ng/ul	94
91) Benzo(g,h,i)perylene	26.62	276	32919m	1.28 ng/ul	

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