

(QT Reviewed)

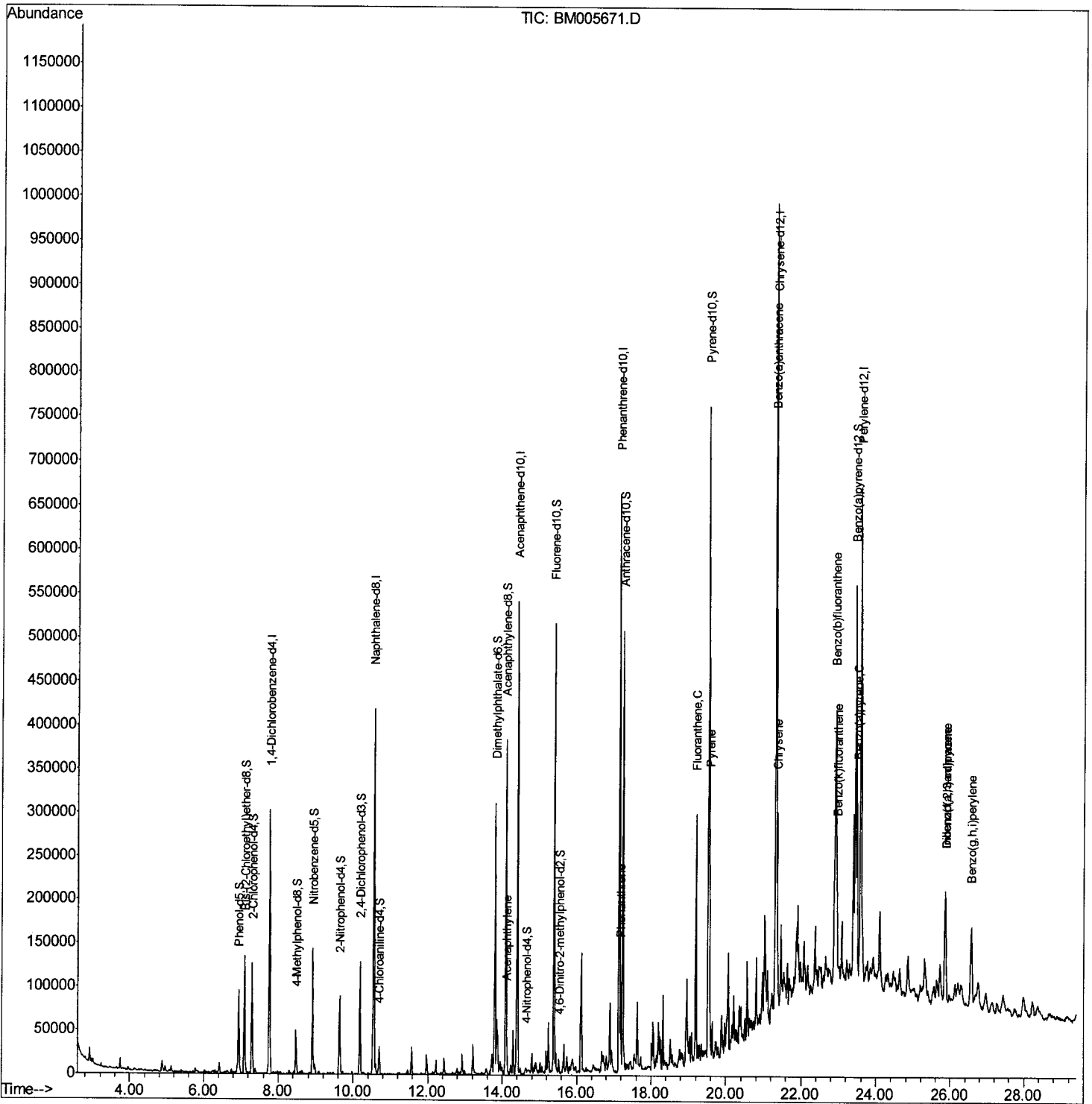
```
Data Path   : Z:\HPCHEM1\BNA_M\DATA\BM060616\  
Data File  : BM005671.D  
Acq On     : 06 Jun 2016   15:53  
Operator   : UM/SJ  
Sample     : H3412-22  
Misc       :  
ALS Vial   : 11      Sample Multiplier: 1
```

Instrument :
BNA_M
ClientSampleId :
D9XW1

Manual Integrations

sohil
6/7/2016 7:14:54 PM

Quant Time: Jun 07 04:44:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

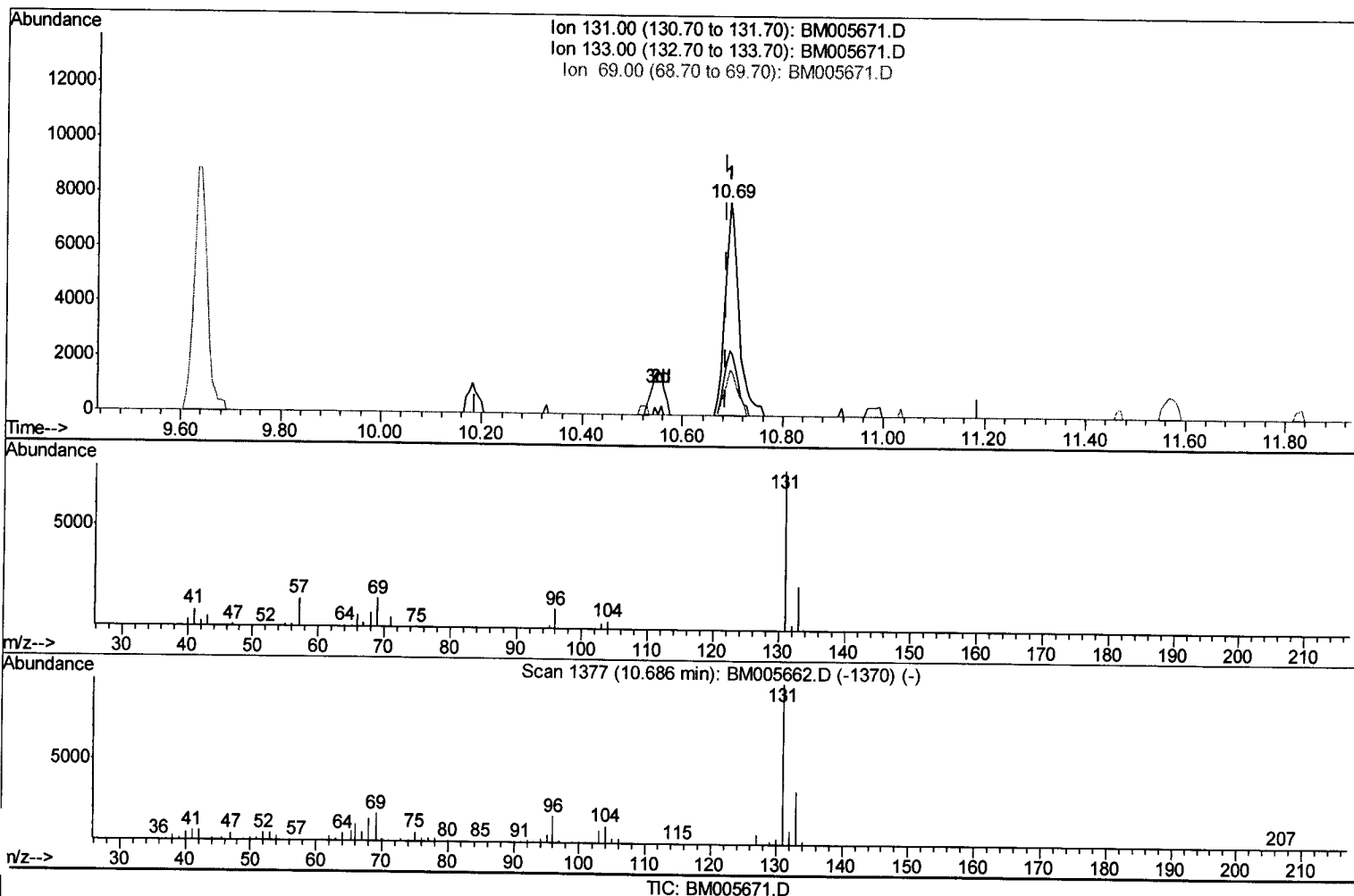
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Manual Integrations
 APPROVED

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Quant Time: Jun 07 04:26:28 2016
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(12) 4-Chloroaniline-d4 (S)

10.692min (+0.006) 2.46ng/ul m

response 14923

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	30.39
69.00	23.00	20.98
0.00	0.00	0.00

U.M
 06/08/16

Quantitation Report (Qedit)

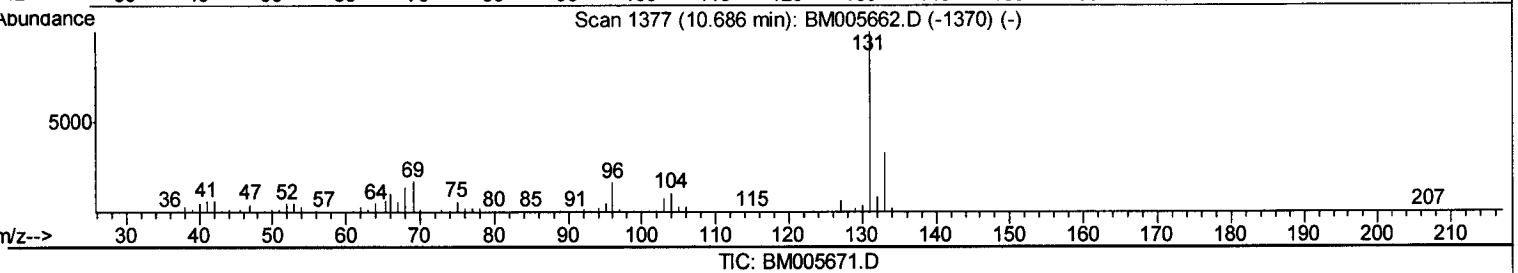
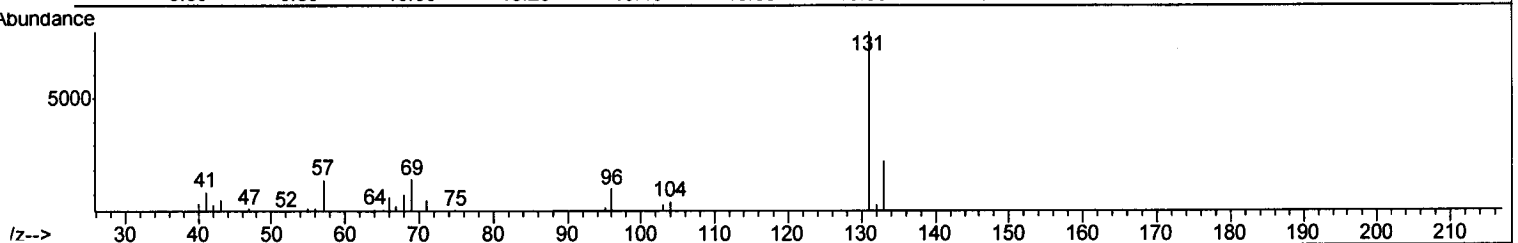
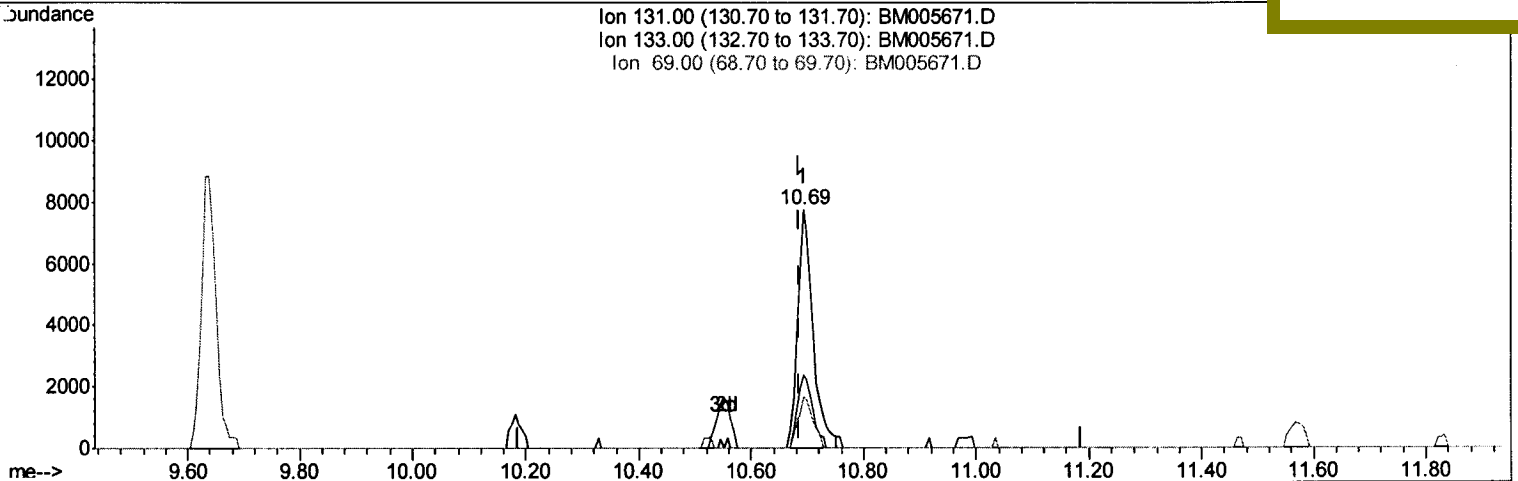
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(12) 4-Chloroaniline-d4 (S)

10.692min (+0.006) 2.44ng/ul

response 14795

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	30.39
69.00	23.00	20.98
0.00	0.00	0.00

Quantitation Report (Qedit)

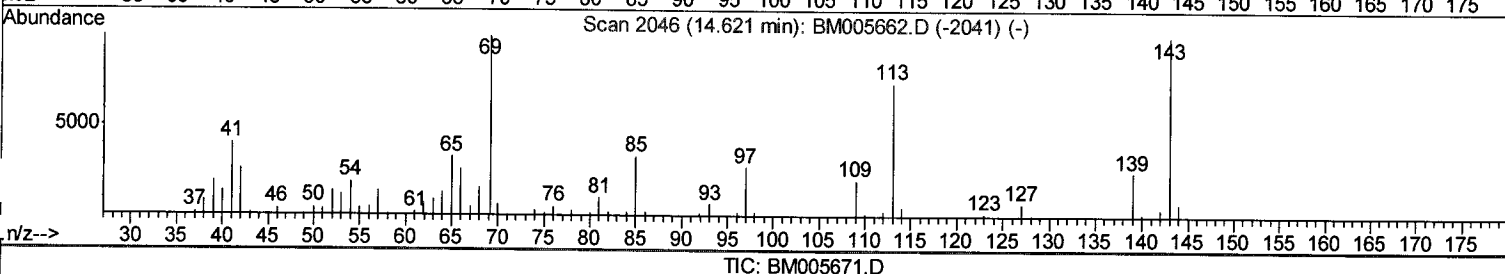
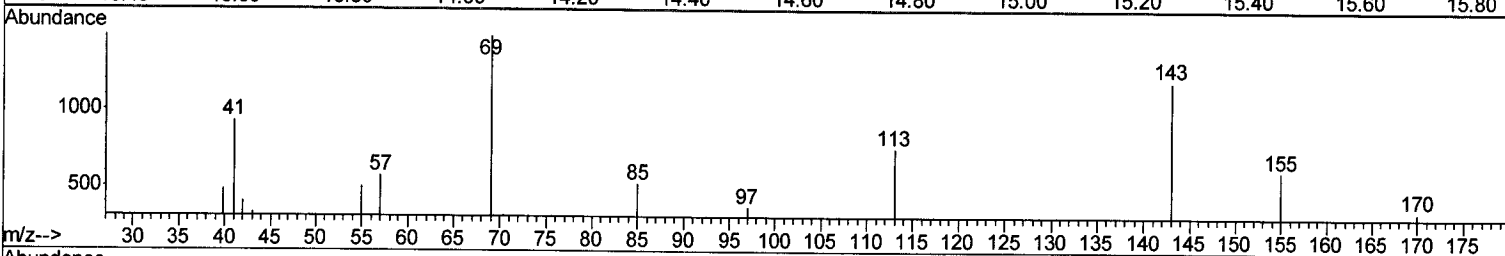
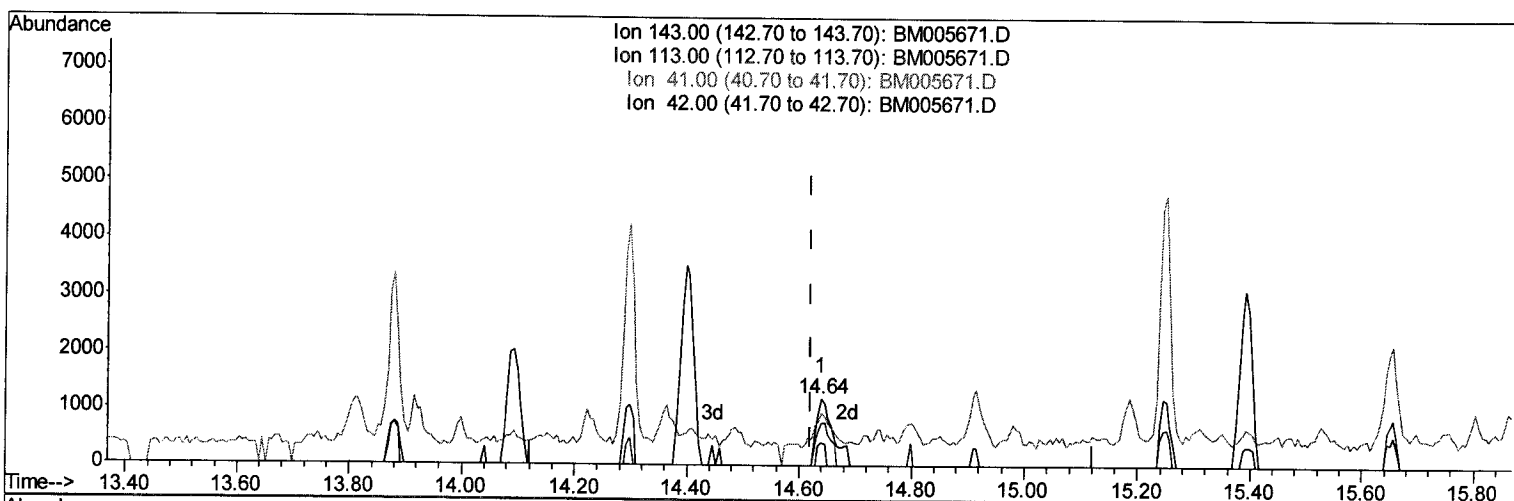
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Instrument :
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Manual Integrations
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TIC: BM005671.D

(20) 4-Nitrophenol-d4 (S)

14.639min (+0.018) 1.26ng/ul m

response 2532

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	63.11#
41.00	49.70	77.55#
42.00	33.70	33.56

U.M
 06/08/16

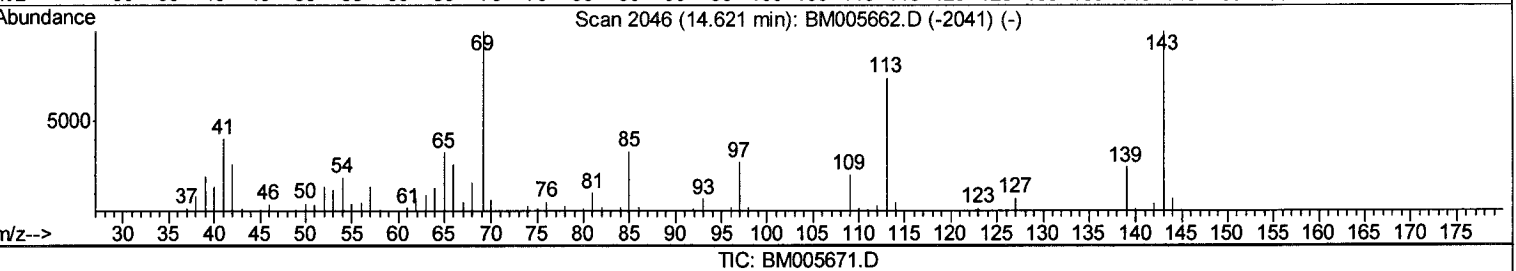
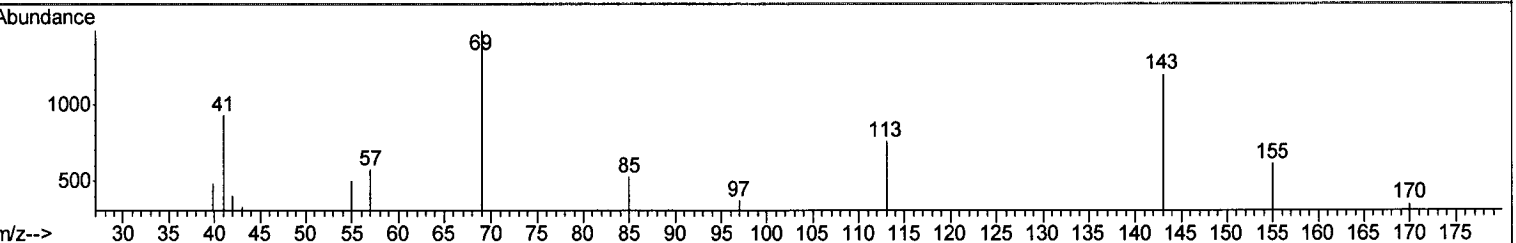
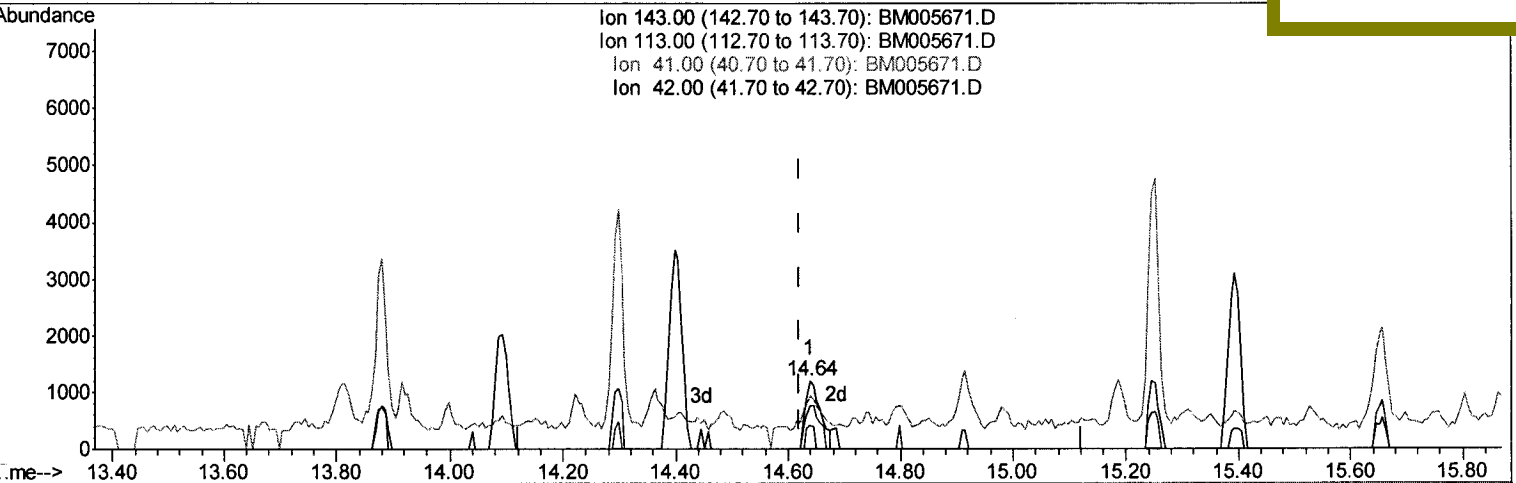
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005671.D
Acq On : 06 Jun 2016 15:53
Operator : UM/SJ
Sample : H3412-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XW1

Manual Integrations
APPROVED

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(20) 4-Nitrophenol-d4 (S)

14.639min (+0.018) 1.14ng/ul

response 2282

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	63.11#
41.00	49.70	77.55#
42.00	33.70	33.56

Quantitation Report (Qedit)

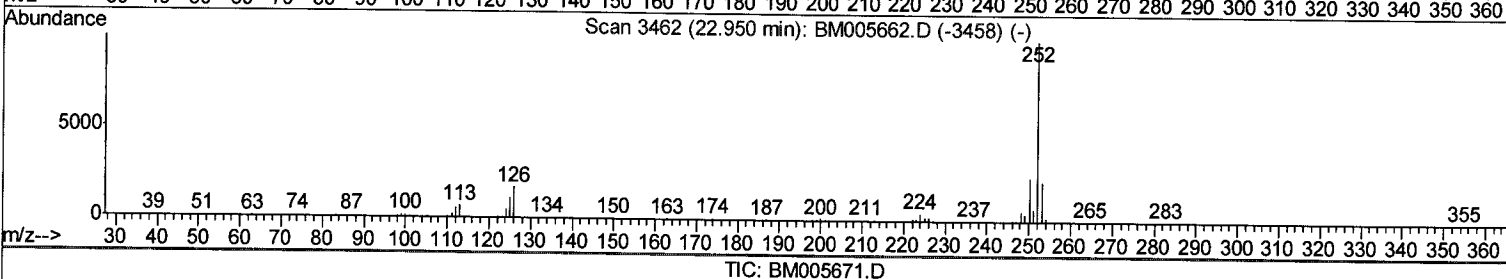
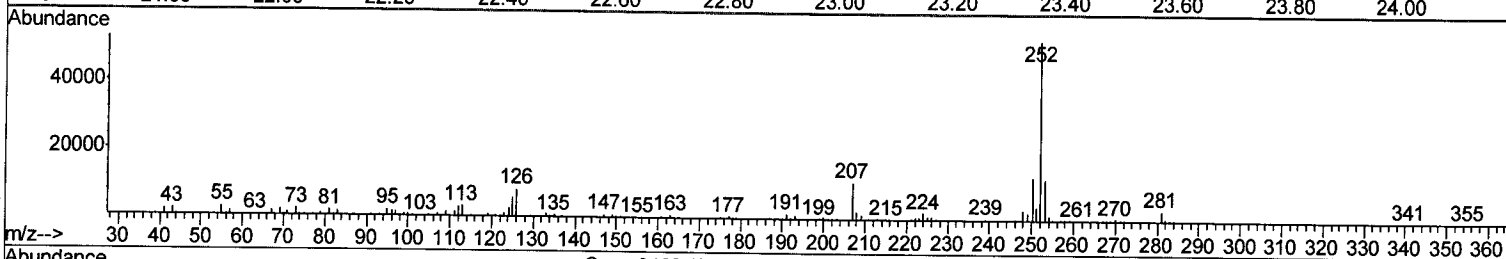
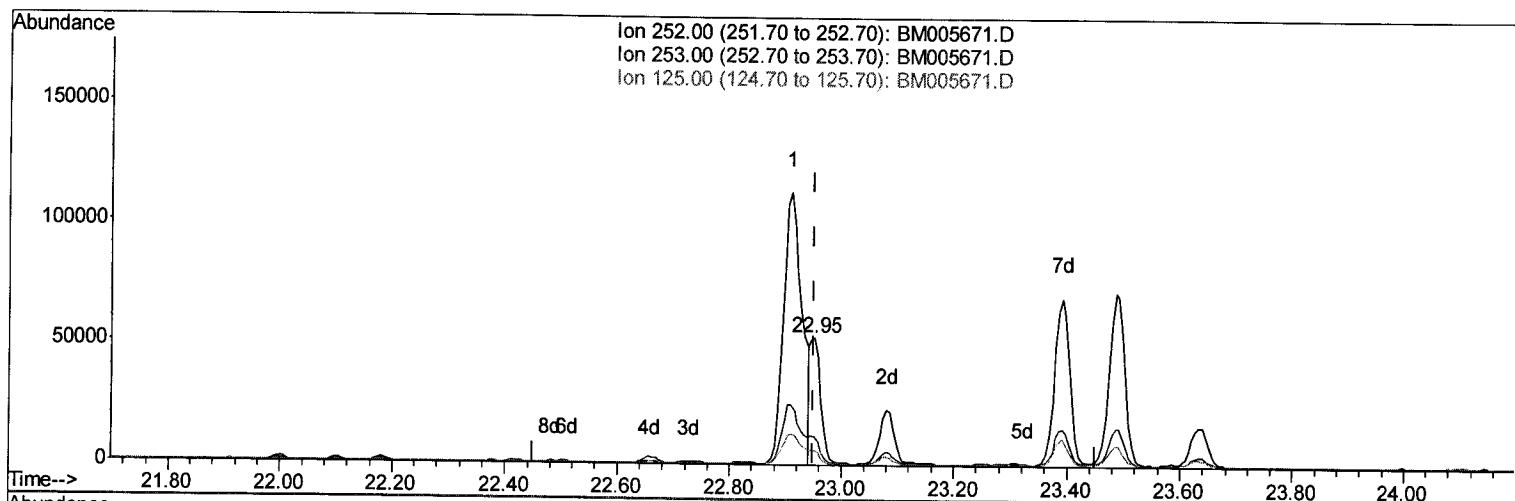
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Manual Integrations
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TIC: BM005671.D

(36) Benzo(k)fluoranthene

22.950min (+0.000) 3.29ng/ul m

response 72461

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.74
125.00	9.60	11.70#
0.00	0.00	0.00

U.M
 06/08/16

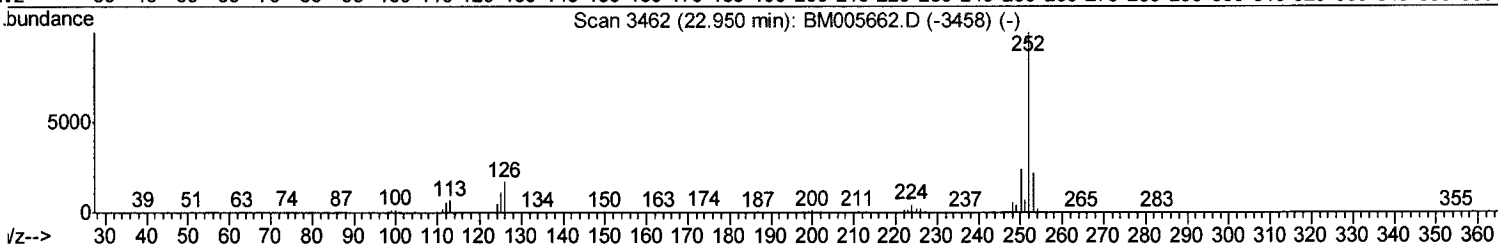
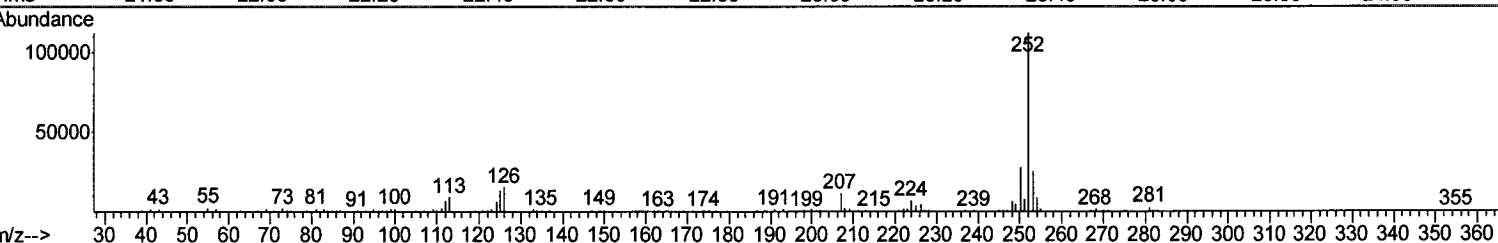
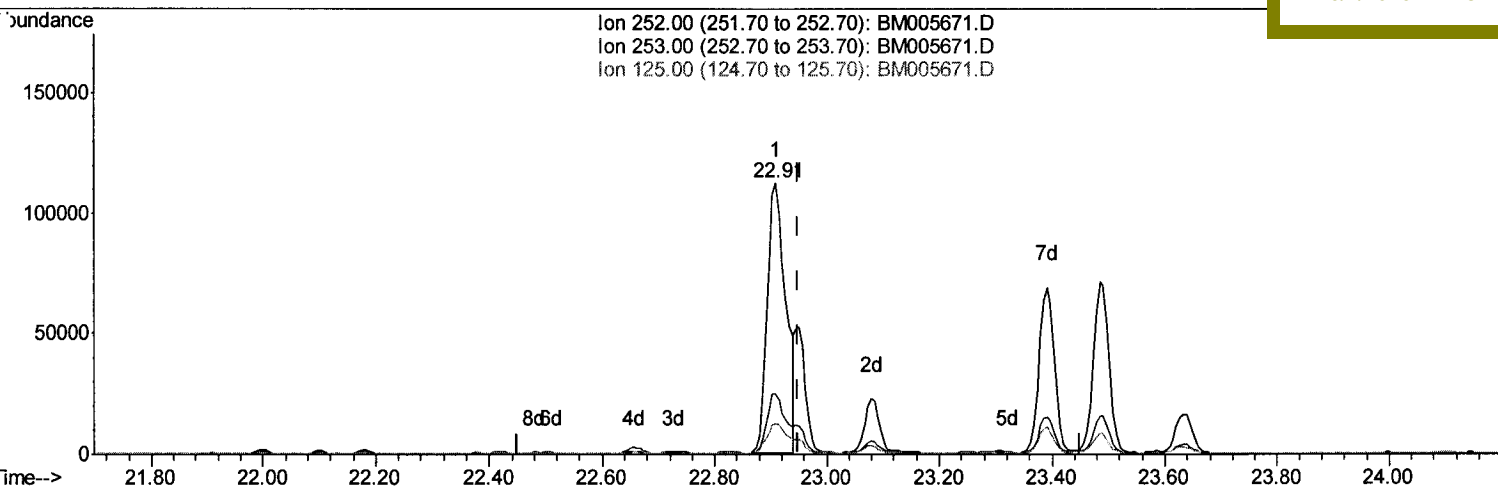
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Data File : BM005671.D
Acq On : 06 Jun 2016 15:53
Operator : UM/SJ
Sample : H3412-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XW1

Manual Integrations
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TIC: BM005671.D

(36) Benzo(k)fluoranthene

22.909min (-0.041) 11.56ng/ul

response 254782

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.50
125.00	9.60	11.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

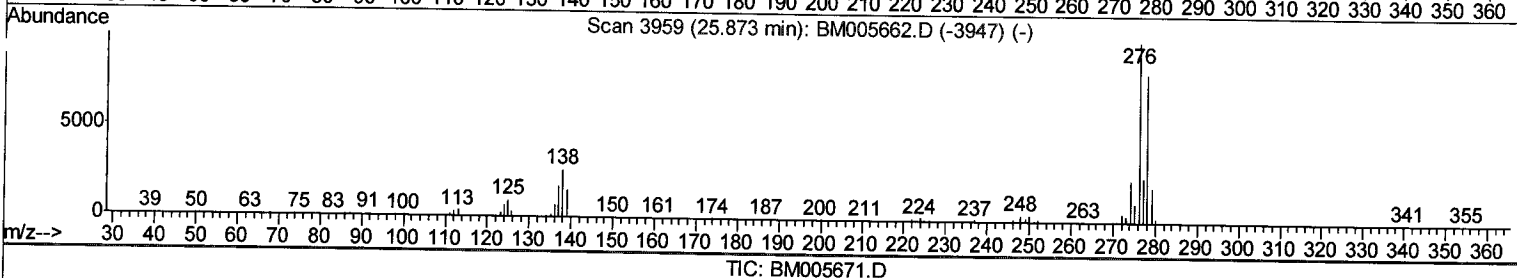
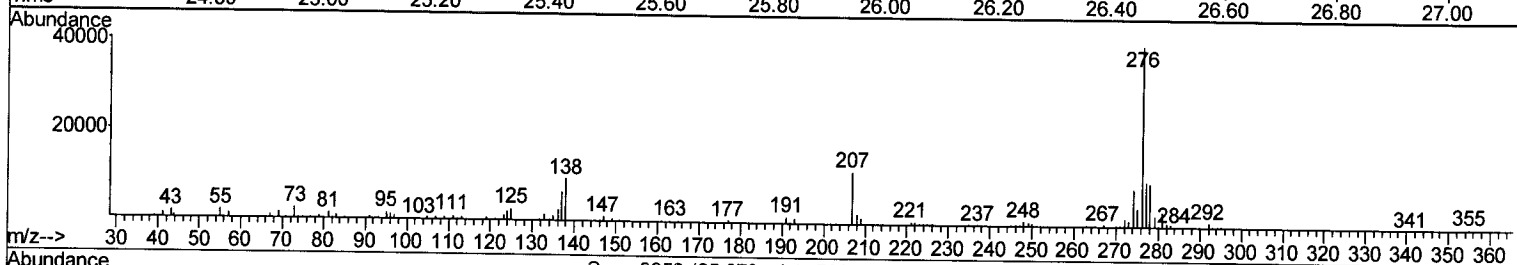
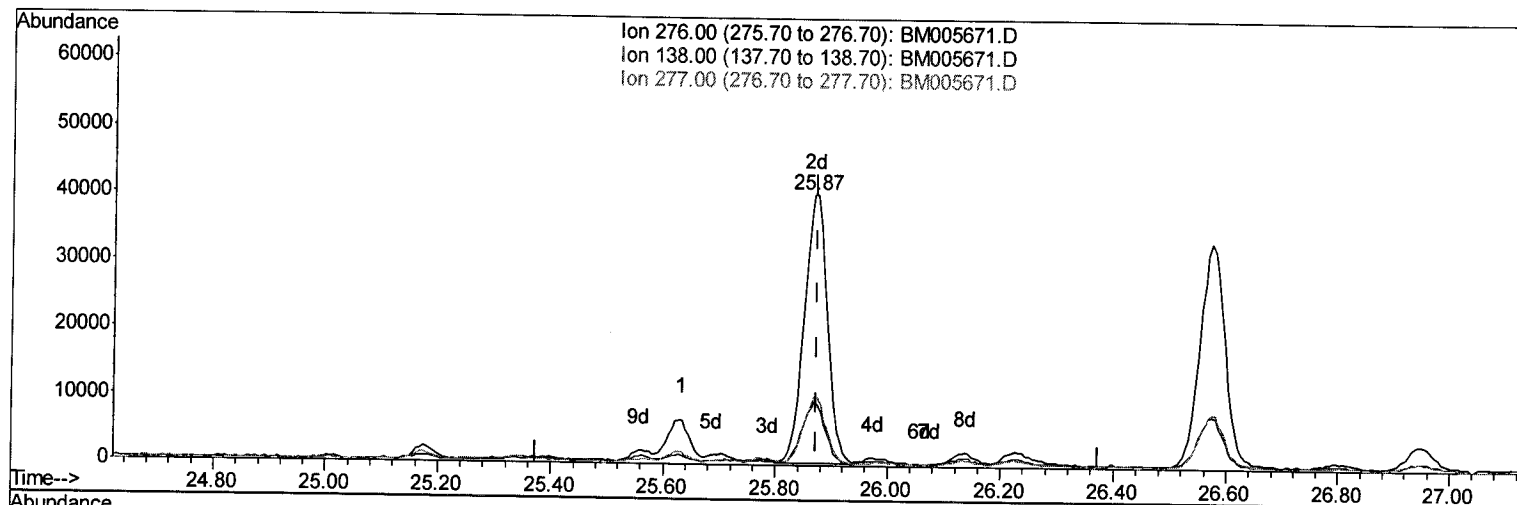
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 Operator : UM/SJ
 Sample : H3412-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XW1

Manual Integrations
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(39) Indeno(1,2,3-cd)pyrene

25.868min (-0.006) 4.27ng/ul m

response 114194

U.M
 06/08/16

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	23.66#
277.00	23.80	25.31
0.00	0.00	0.00

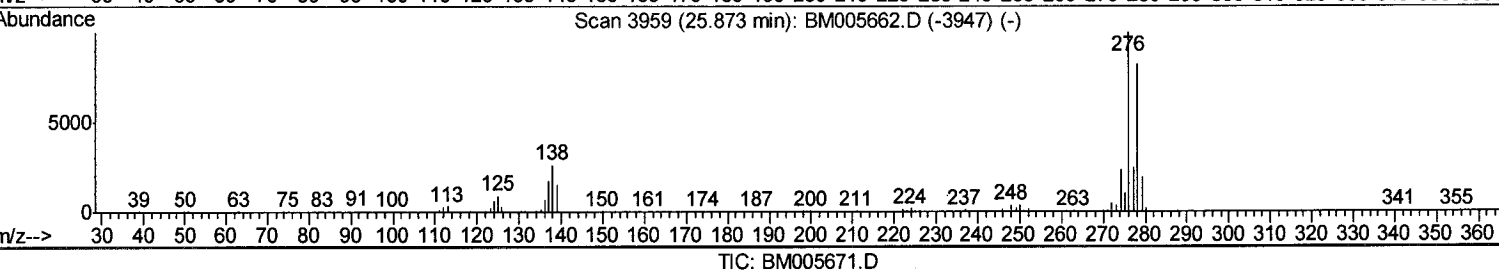
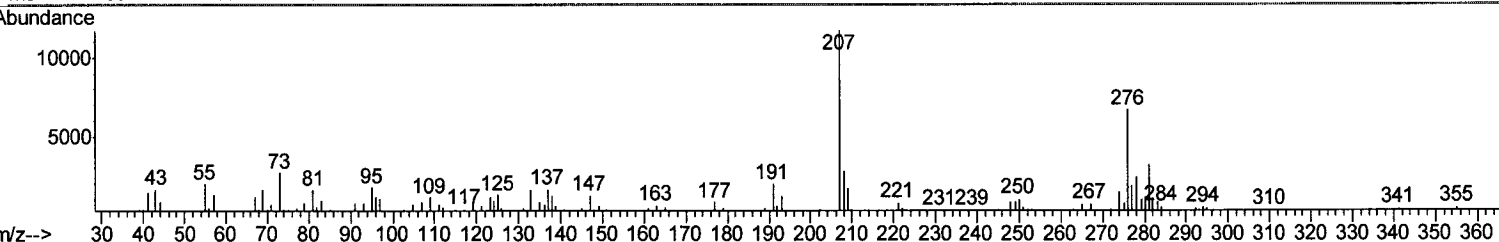
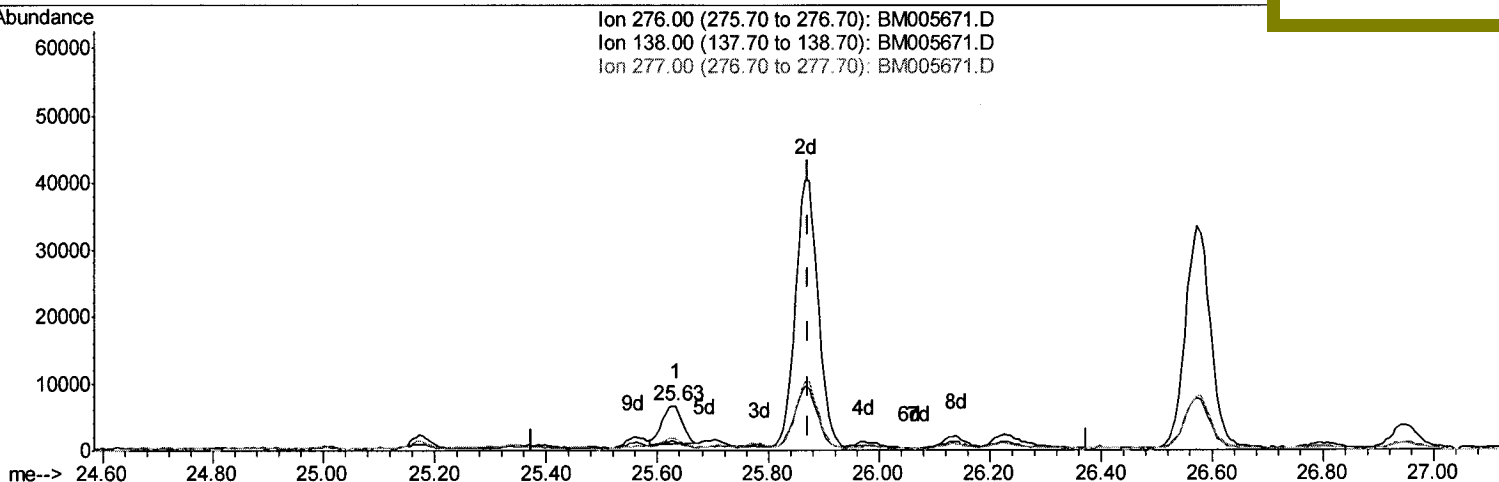
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Operator : UM/SJ
Sample : H3412-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XW1

Manual Integrations
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(39) Indeno(1,2,3-cd)pyrene

25.632min (-0.241) 0.54ng/ul

response 14433

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	19.00
277.00	23.80	27.49
0.00	0.00	0.00

Quantitation Report (Qedit)

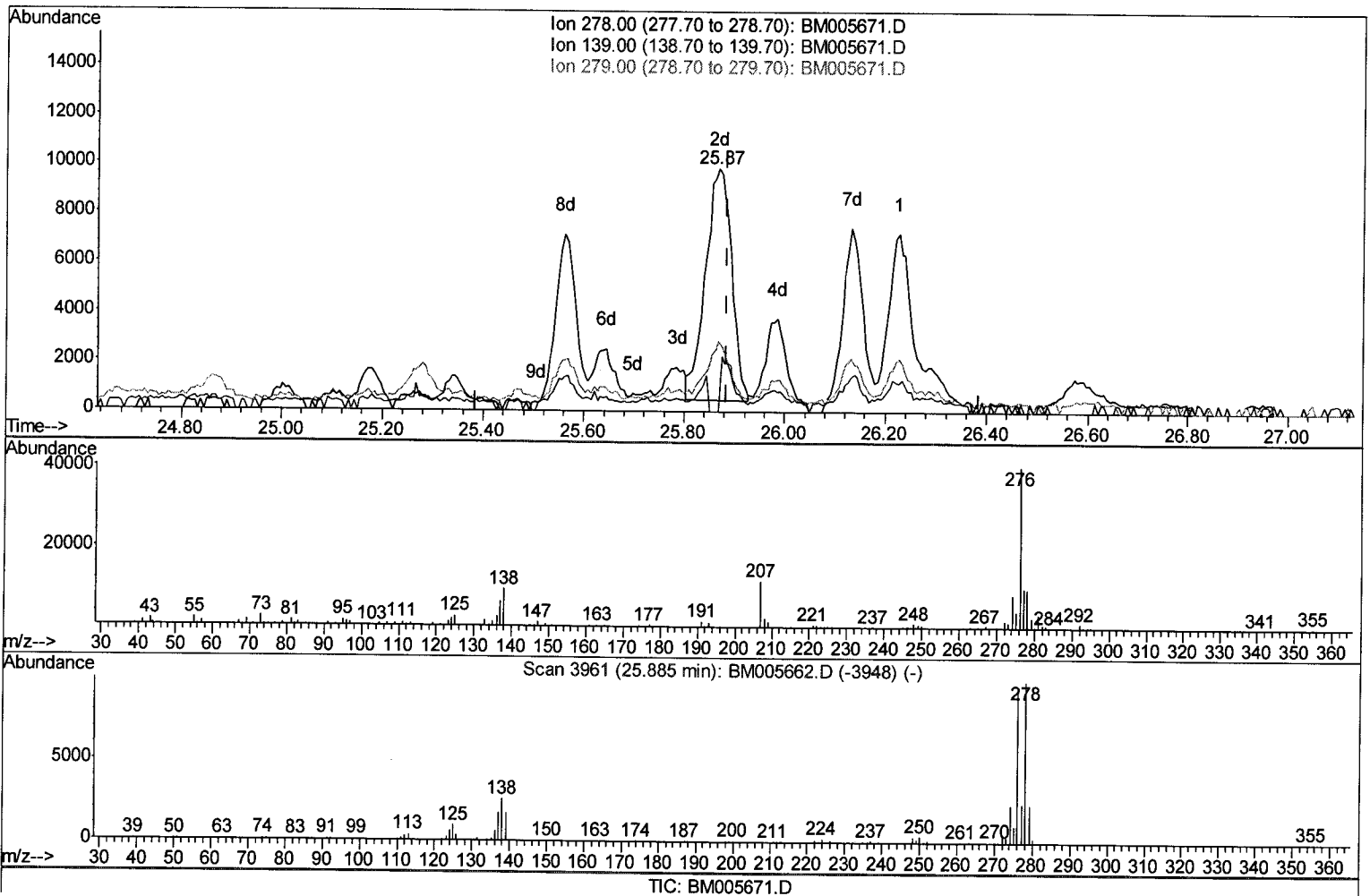
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 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XW1

Manual Integrations
 APPROVED

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Quant Time: Jun 07 04:43:25 2016
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(40) Dibenzo(a,h)anthracene

25.868min (-0.017) 1.50ng/ul m

response 33679

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	0.00#
279.00	24.80	29.30
0.00	0.00	0.00

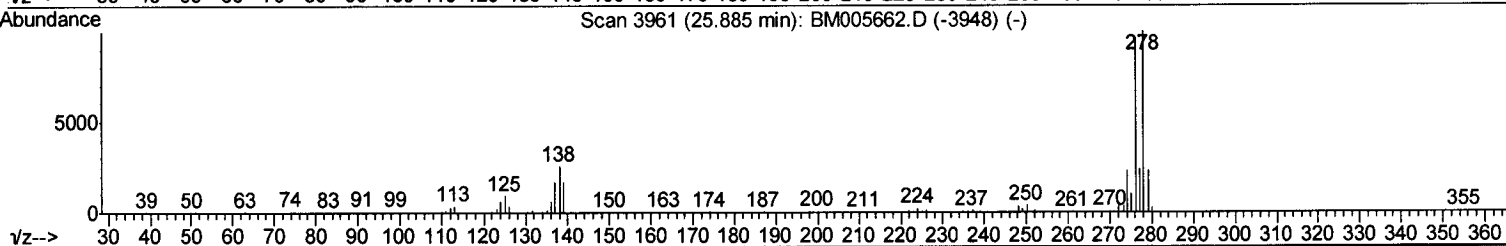
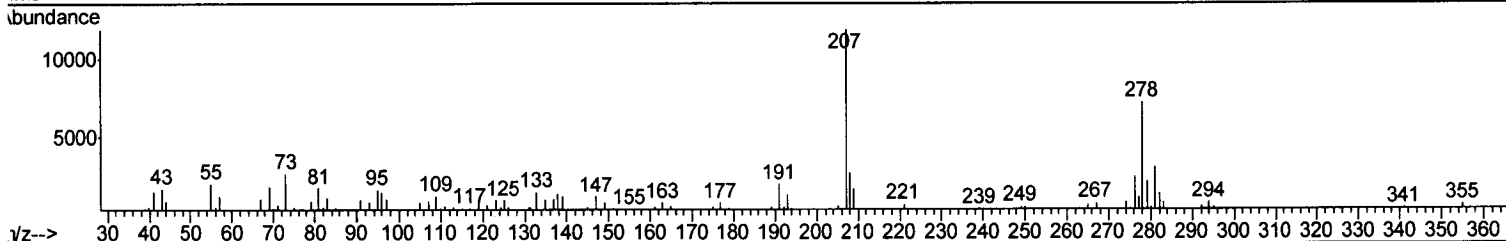
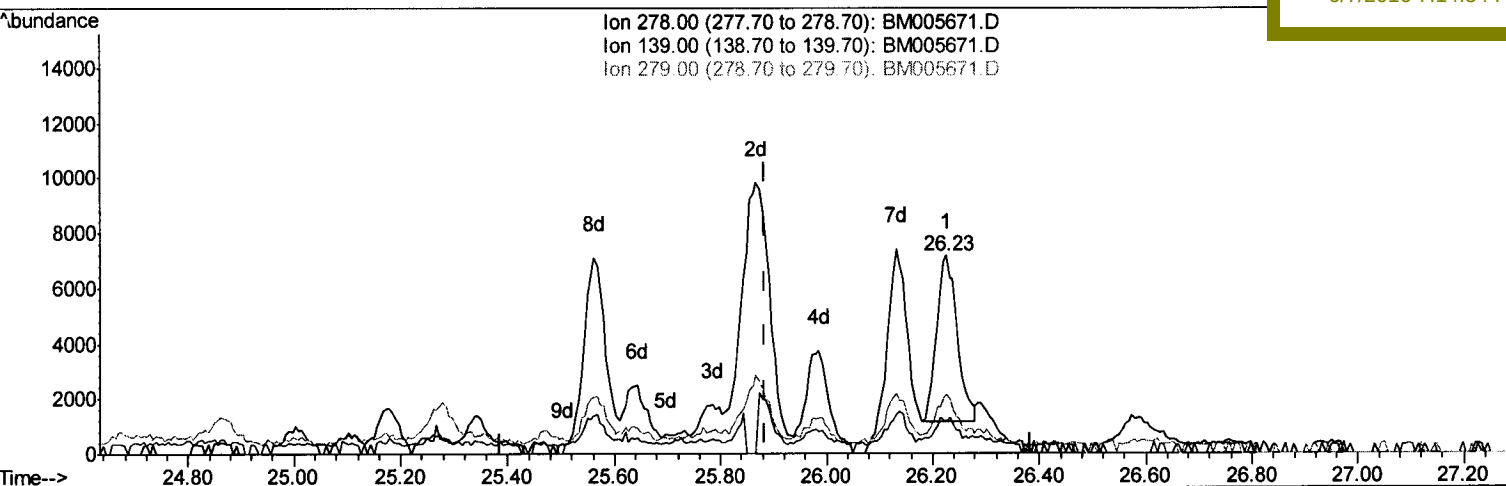
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Instrument :
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TIC: BM005671.D

(40) Dibenzo(a,h)anthracene

26.227min (+0.341) 0.71ng/ul

response 16030

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	16.12
279.00	24.80	29.71
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	7.76	152	80938	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	349716	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	182399	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	378041	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	377831	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	389482	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.22	96	1860	0.97	ng/uL	0.00
3) Phenol-d5	6.94	99	57889	8.14	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	60127	13.89	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	60796	10.36	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	20474	3.64	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	35361	13.17	ng/ul	0.00
9) 2-Nitrophenol-d4	9.64	143	29265	10.18	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	49179	9.63	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	14923m	2.46	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	198197	14.13	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	271536	14.89	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	2532m	1.26	ng/ul	0.02
21) Fluorene-d10	15.39	176	192626	15.99	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	3802	2.14	ng/ul	0.00
26) Anthracene-d10	17.24	188	279503	15.57	ng/ul	0.00
30) Pyrene-d10	19.53	212	316501	16.67	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	282637	15.77	ng/ul	0.00

Target Compounds

						Qvalue
18) Acenaphthylene	14.12	152	25472	1.35	ng/ul	97
25) Phenanthrene	17.19	178	58975	2.83	ng/ul	98
28) Fluoranthene	19.20	202	154326	7.24	ng/ul	99
31) Pyrene	19.56	202	166267	6.97	ng/ul	97
32) Benzo(a)anthracene	21.31	228	109827	4.96	ng/ul	97
33) Chrysene	21.36	228	137522	6.57	ng/ul	98
35) Benzo(b)fluoranthene	22.91	252	254782	10.85	ng/ul#	98
36) Benzo(k)fluoranthene	22.95	252	72461m	3.29	ng/ul	
38) Benzo(a)pyrene	23.49	252	135890	6.01	ng/ul#	97
39) Indeno(1,2,3-cd)pyrene	25.87	276	114194m	4.27	ng/ul	
40) Dibenzo(a,h)anthracene	25.87	278	33679m	1.50	ng/ul	
41) Benzo(g,h,i)perylene	26.57	276	104532	4.66	ng/ul#	94

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