

Quantitation Report (QT Reviewed)

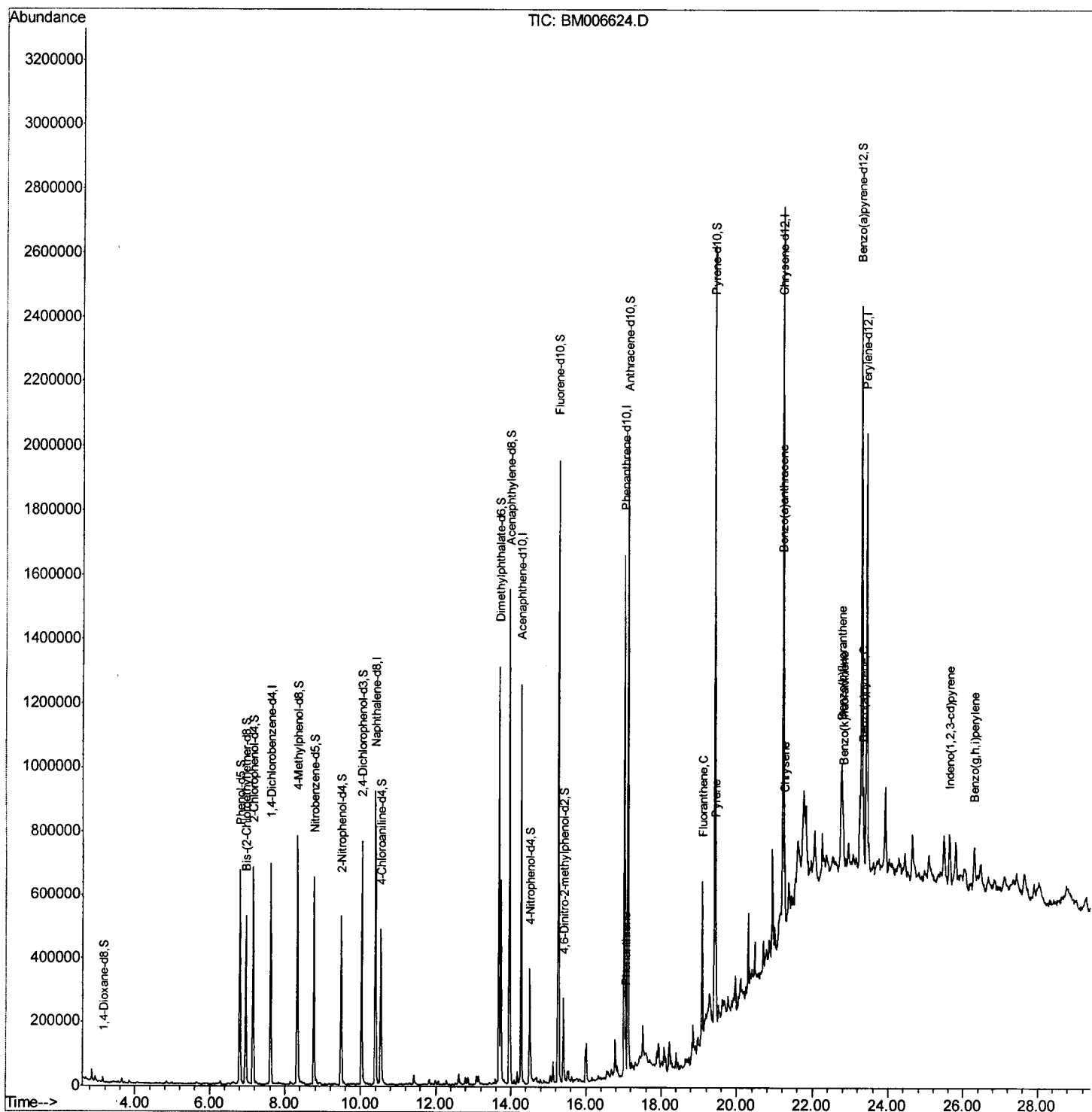
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
 Data File : BM006624.D
 Acq On : 22 Jul 2016 14:11
 Operator : UM/SJ
 Sample : H4076-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YQ0

Manual Integration

Quant Time: Jul 23 00:48:00 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 23 00:16:38 2016
 Response via : Initial Calibration

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Quantitation Report (Qedit)

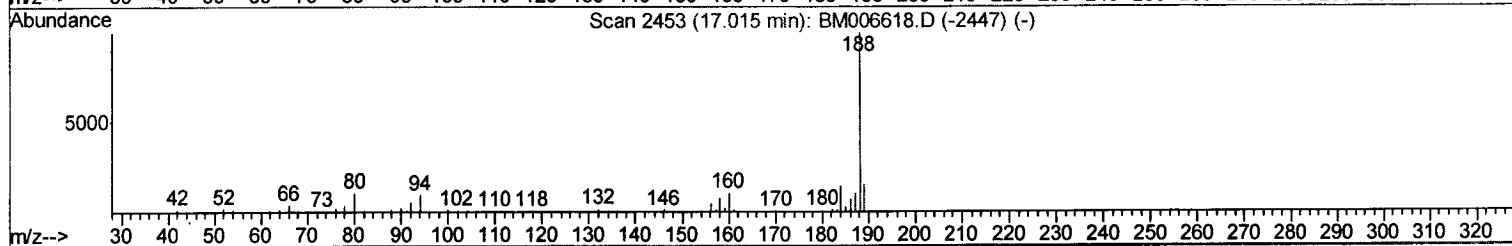
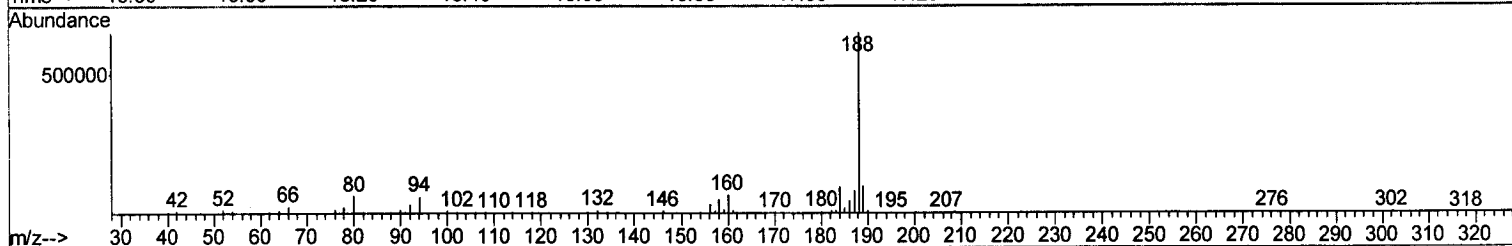
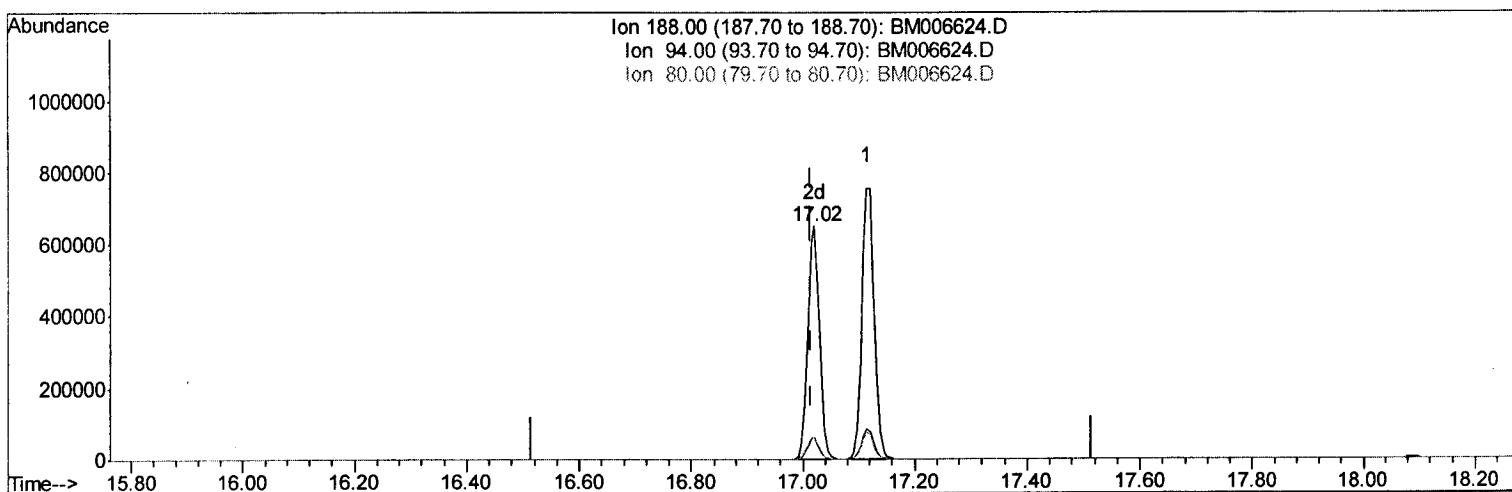
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TIC: BM006624.D

(23) Phenanthrene-d10 (I)

17.021min (+0.006) 20.00ng/ul m

response 933706

Ion Exp% Act%

188.00 100 100

94.00 9.60 9.26

80.00 12.20 9.53#

0.00 0.00 0.00

U.M
 07/26/16

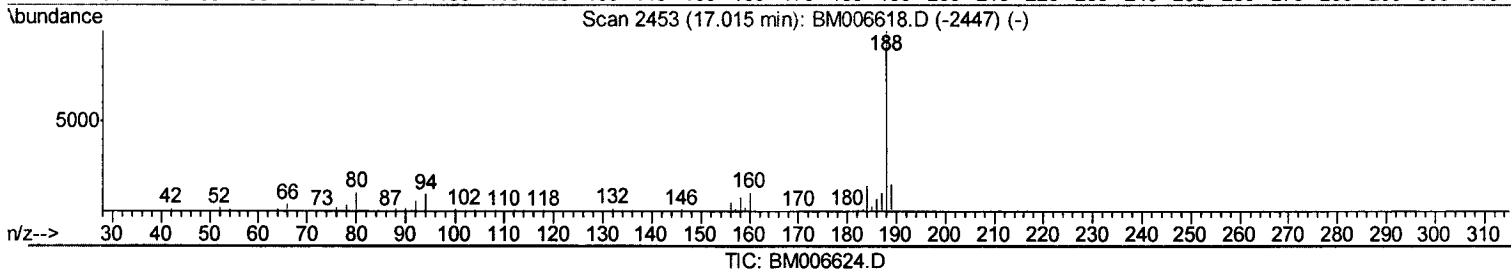
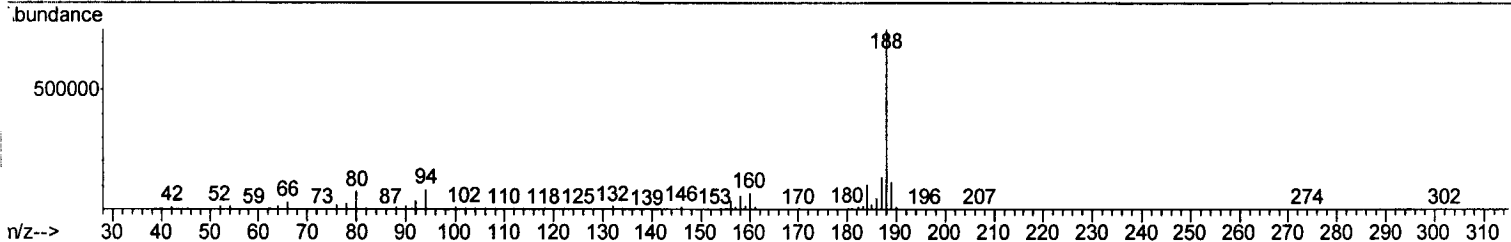
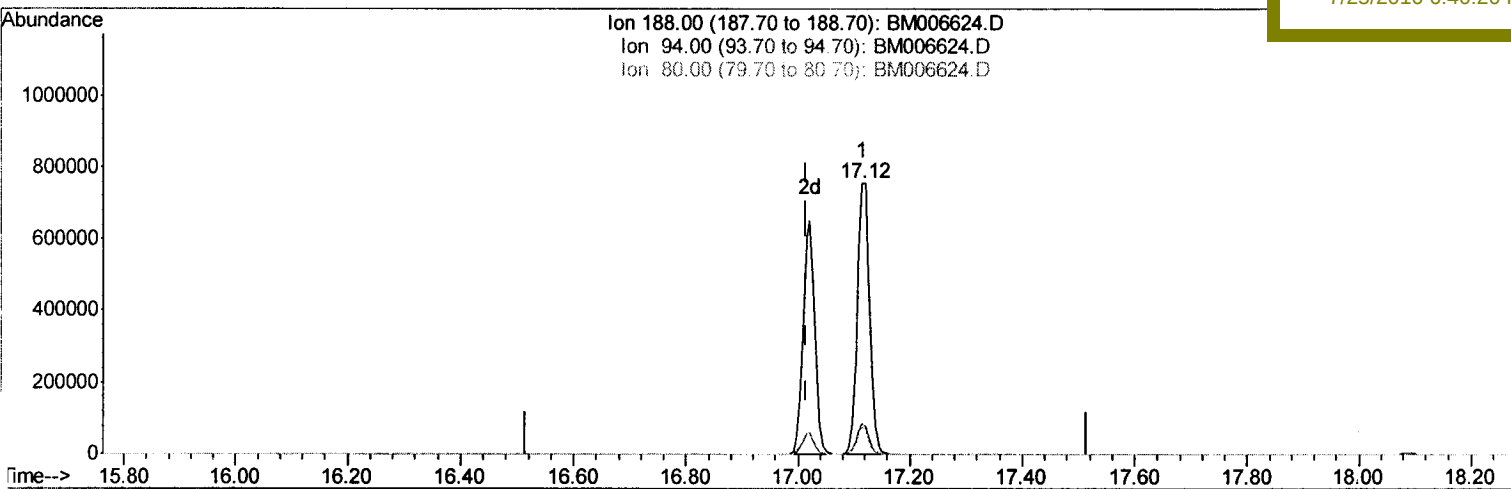
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(23) Phenanthrene-d10 (I)

17.115min (+0.100) 20.00ng/ul

response 1155362

Ion	Exp%	Act%
188.00	100	100
94.00	9.60	11.20
80.00	12.20	10.03
0.00	0.00	0.00

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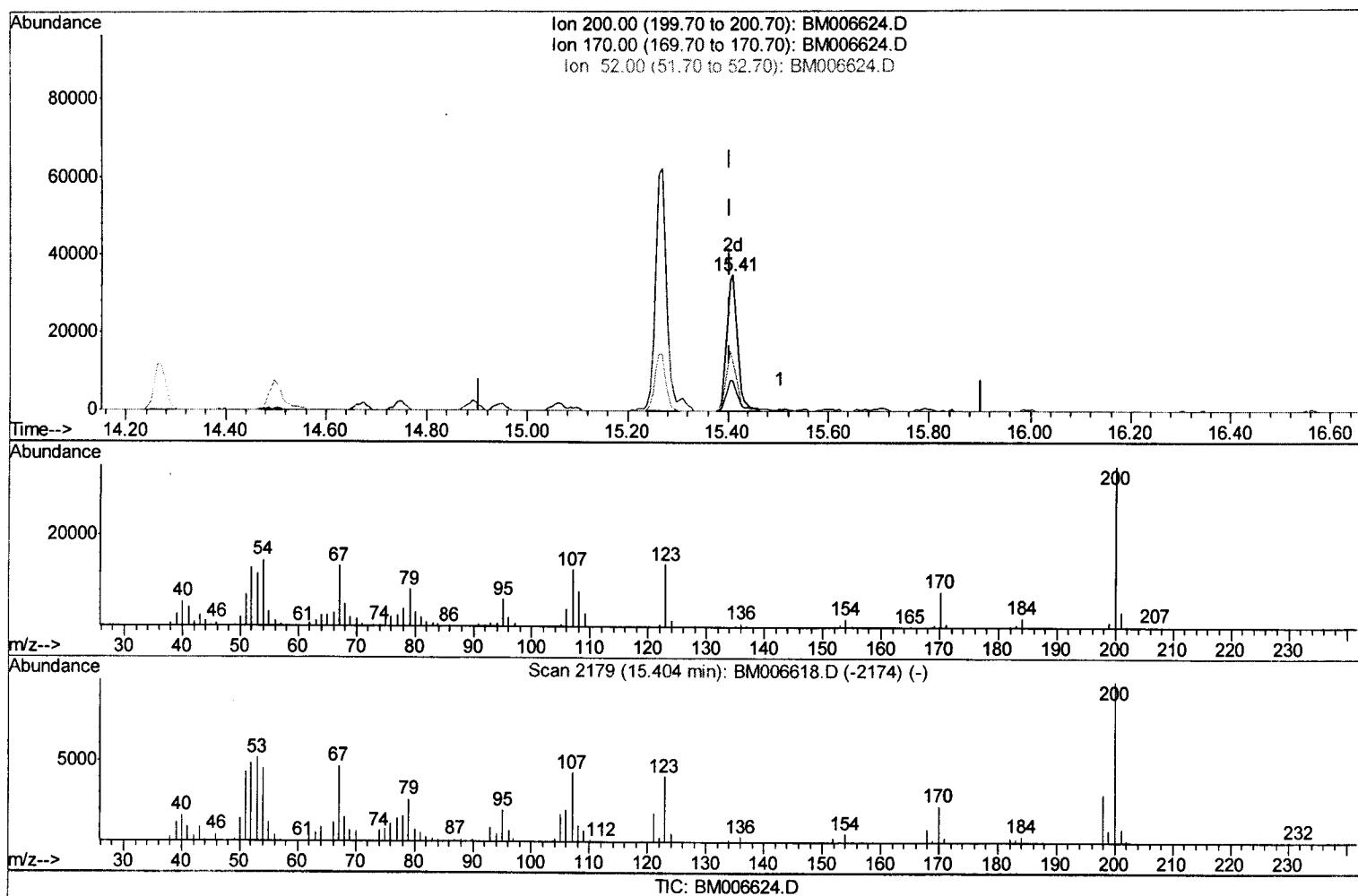
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(24) 4,6-Dinitro-2-methylphenol-d2 (S)

15.410min (+0.006) 11.04ng/ul m

response 53506

Ion	Exp%	Act%
200.00	100	100
170.00	22.30	22.70
52.00	53.20	36.86#
0.00	0.00	0.00

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Quantitation Report (Qedit)

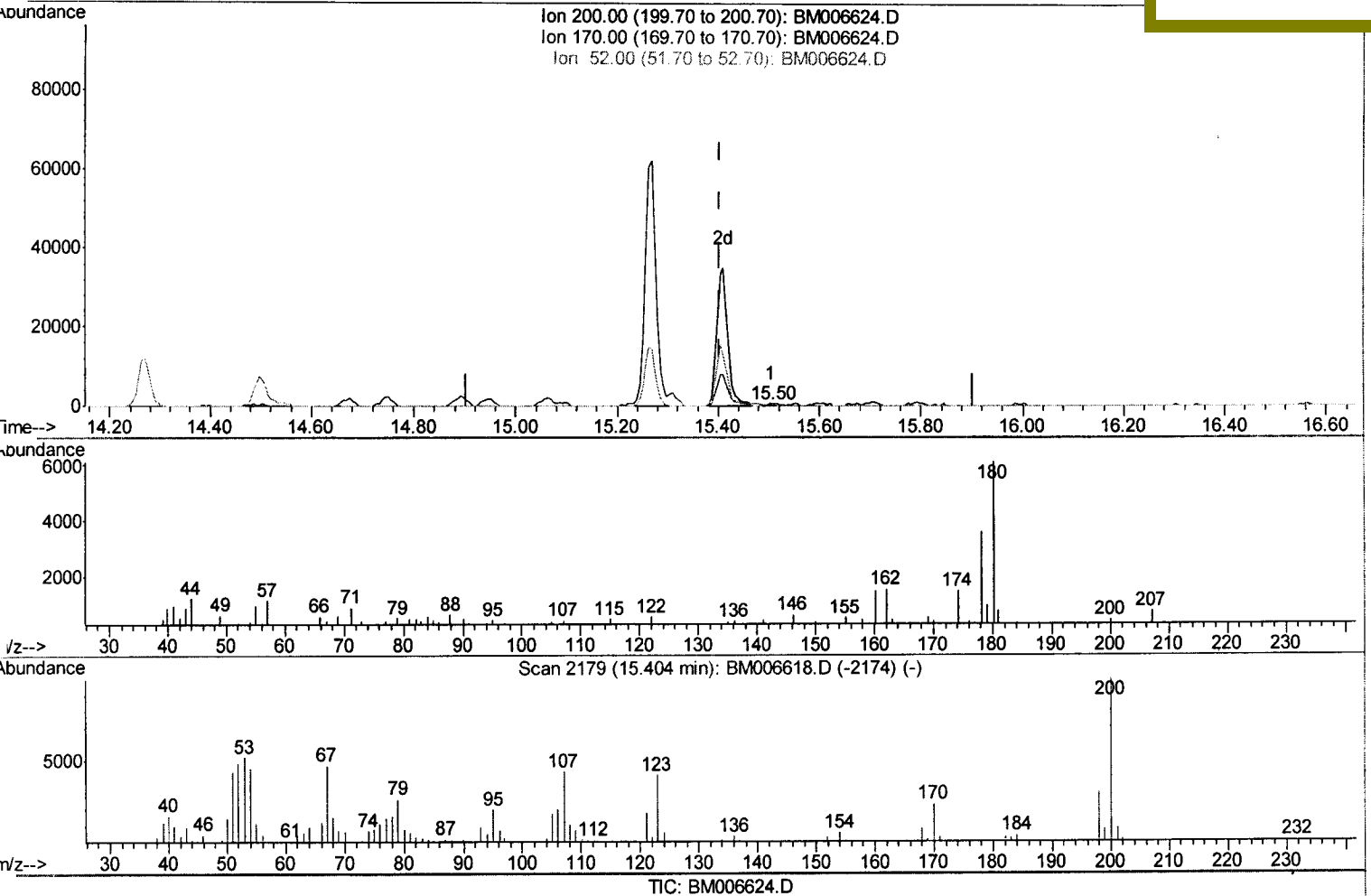
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(24) 4,6-Dinitro-2-methylphenol-d2 (S)

15.504min (+0.100) 0.06ng/ul

response 270

Ion	Exp%	Act%
200.00	100	100
170.00	22.30	95.95#
52.00	53.20	78.38#
0.00	0.00	0.00

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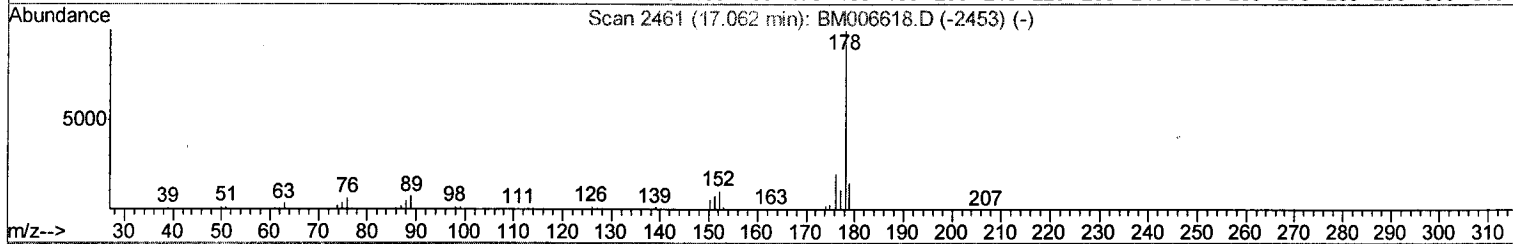
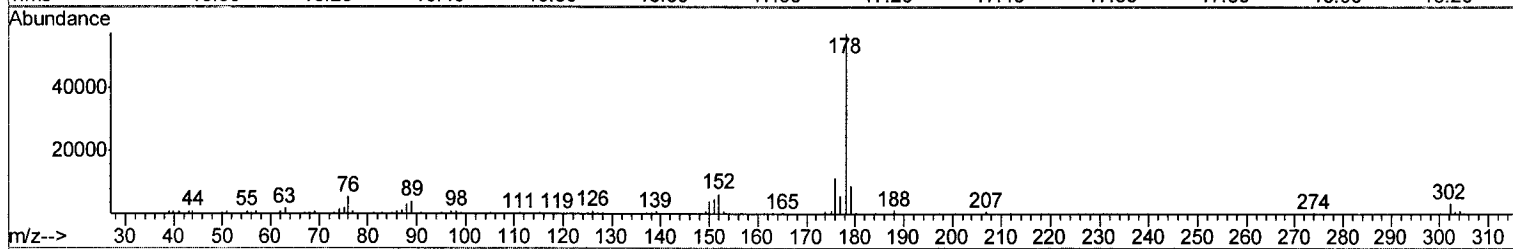
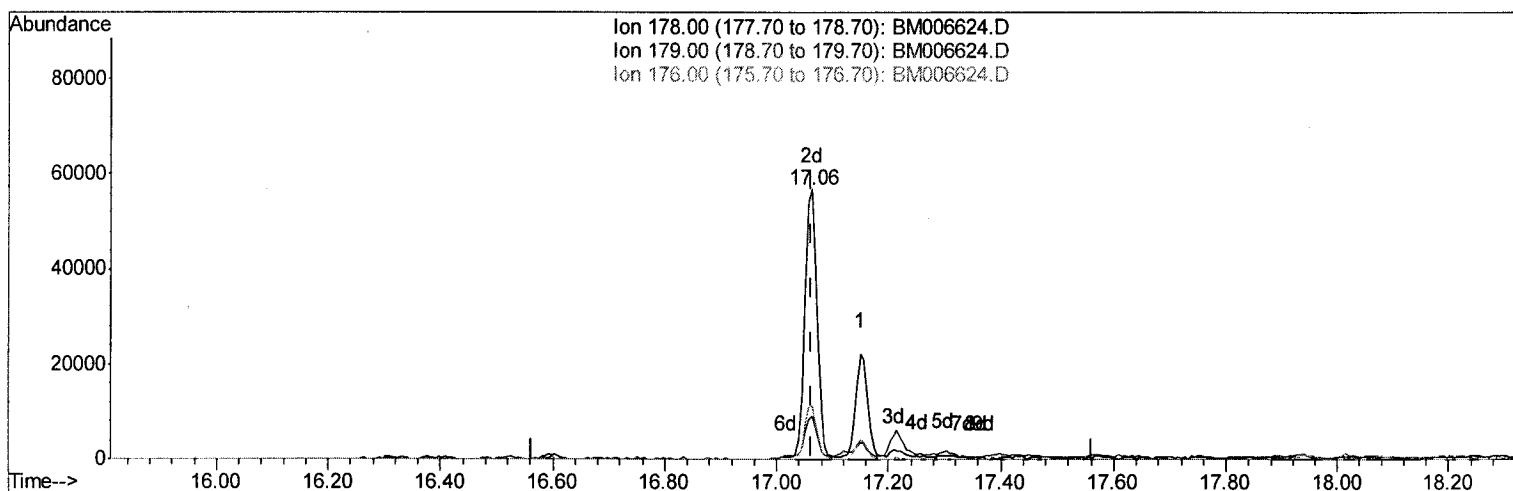
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TIC: BM006624.D

(25) Phenanthrene

17.062min (+0.000) 1.67ng/ul m

response 87540

Ion	Exp%	Act%
178.00	100	100
179.00	14.80	15.97
176.00	18.50	20.19
0.00	0.00	0.00

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Quantitation Report (Qedit)

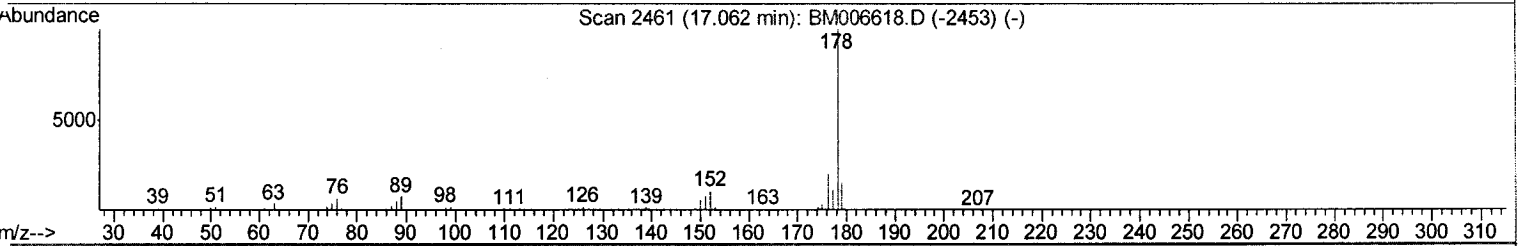
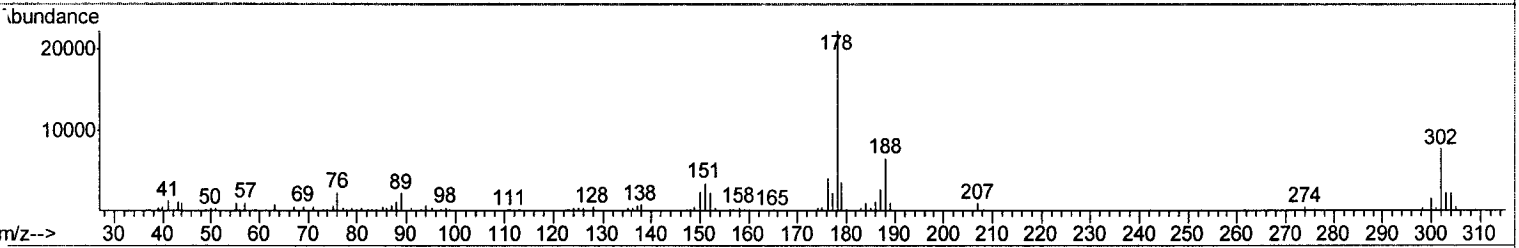
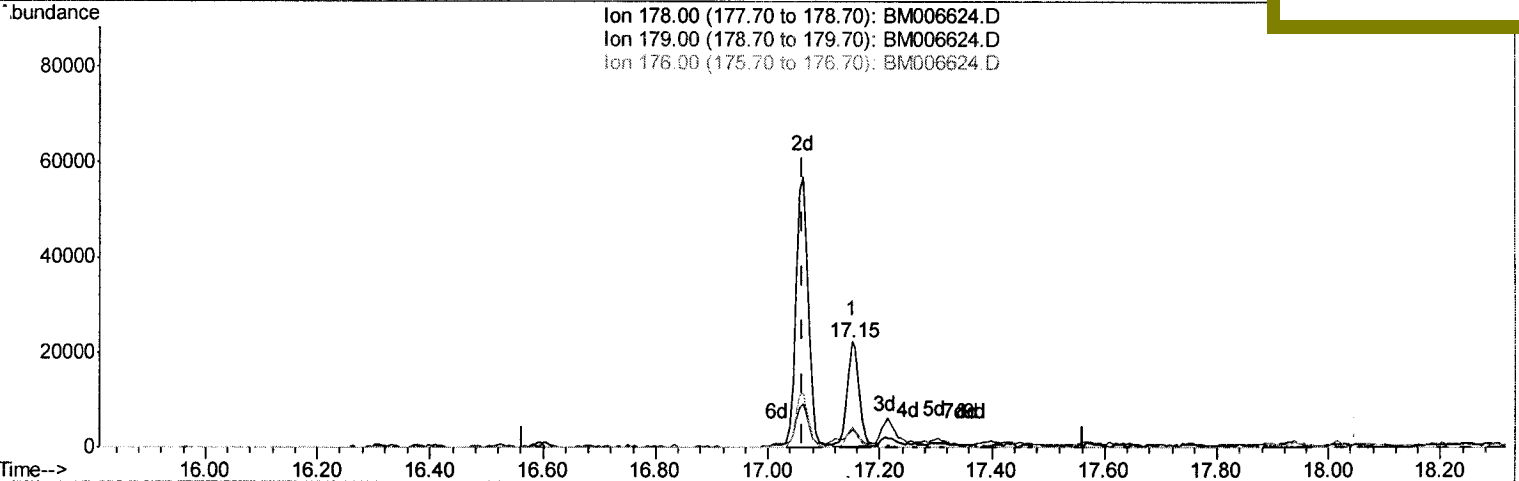
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 Sample : H4076-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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TIC: BM006624.D

(25) Phenanthrene

17.151min (+0.088) 0.64ng/ul

response 33847

Ion	Exp%	Act%
178.00	100	100
179.00	14.80	16.90
176.00	18.50	19.13
0.00	0.00	0.00

Quantitation Report (Qedit)

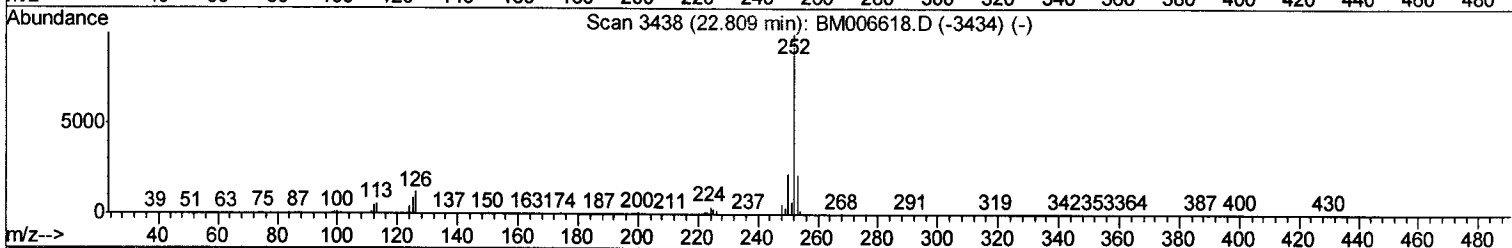
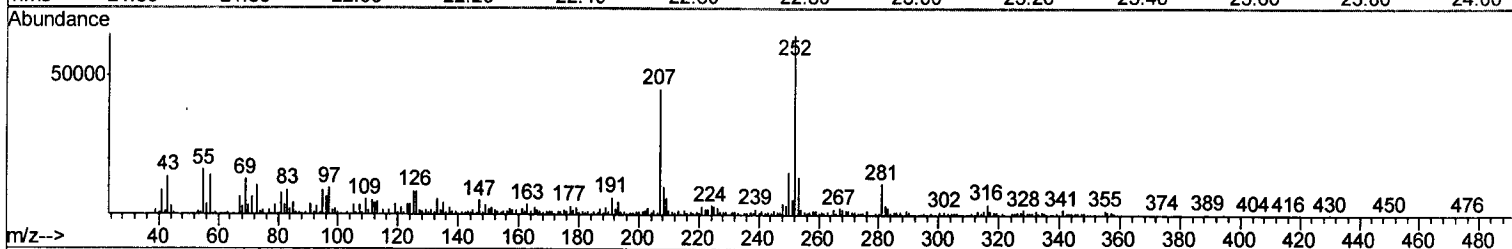
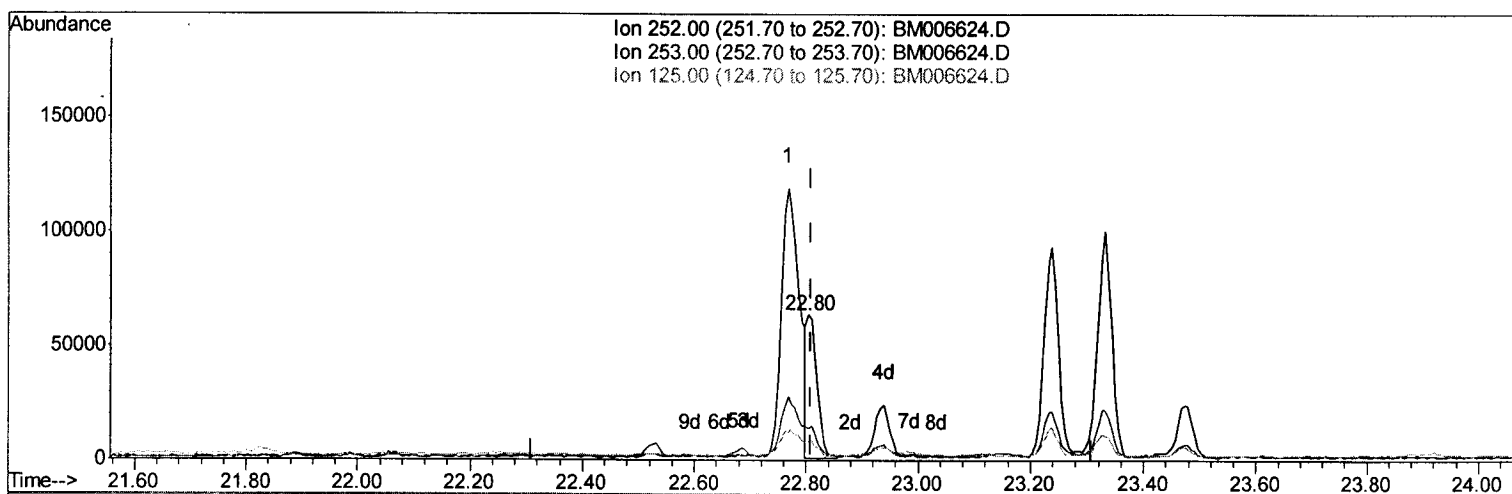
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TIC: BM006624.D

(36) Benzo(k)fluoranthene

22.803min (-0.006) 1.33ng/ul m *U.M*
07/26/16

response 79213

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	21.59
125.00	9.60	13.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

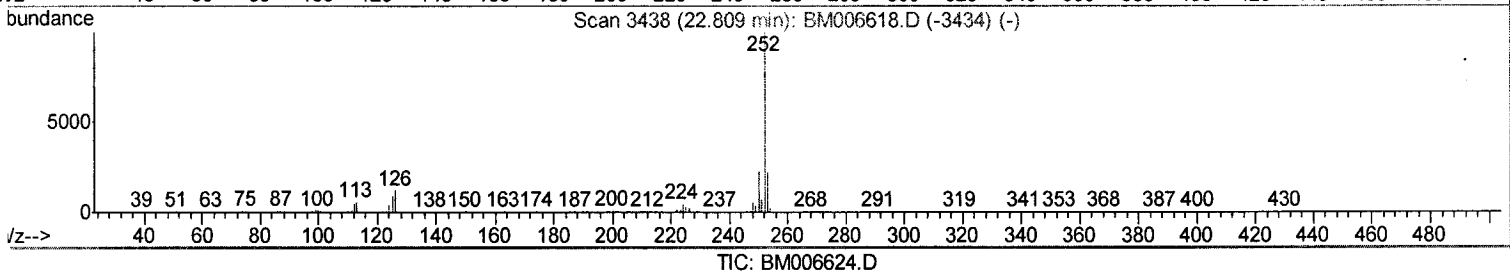
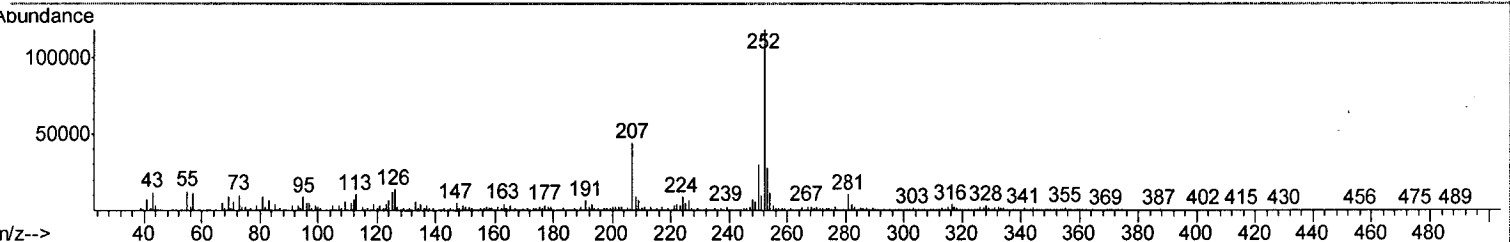
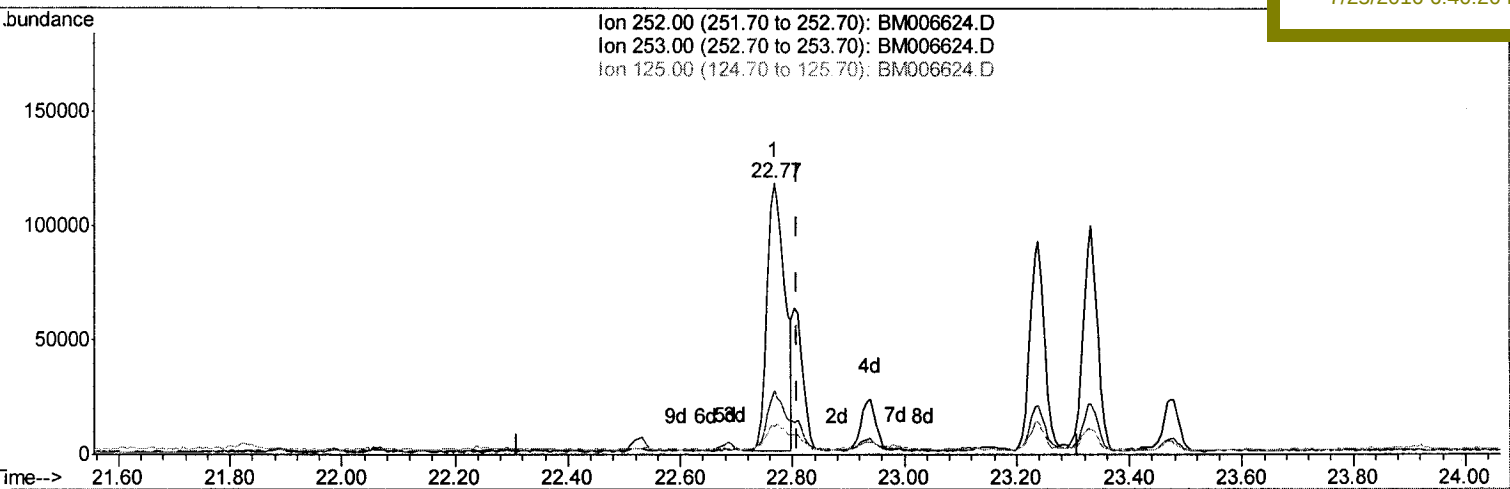
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Instrument :
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(36) Benzo(k)fluoranthene

22.768min (-0.041) 4.41ng/ul

response 261650

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.66
125.00	9.60	10.56
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	7.62	152	177600	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	763264	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	420426	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	933706m	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	991045	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1024419	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	8452	1.92	ng/uL	0.00
3) Phenol-d5	6.80	99	379856	25.14	ng/ul	0.00
4) Bis-(2-Chloroethyl) ether-d	6.96	67	241041	25.75	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	298169	24.70	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	288632	24.63	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	149660	25.90	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	156605	25.49	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	284362	24.49	ng/ul	0.00
12) 4-Chloroaniline-d4	10.54	131	260588	20.38	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	826435	25.07	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1126256	26.77	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	95218	16.63	ng/ul	0.00
21) Fluorene-d10	15.27	176	780087	26.46	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	53506m	11.04	ng/ul	0.00
26) Anthracene-d10	17.12	188	1155362	26.06	ng/ul	0.00
30) Pyrene-d10	19.42	212	1266836	28.05	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1253918	26.61	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Phenanthrene	17.06	178	87540m	1.67	ng/ul	
28) Fluoranthene	19.09	202	276600	4.48	ng/ul	98
31) Pyrene	19.45	202	245996	4.10	ng/ul	96
32) Benzo(a)anthracene	21.20	228	162335	2.70	ng/ul	97
33) Chrysene	21.26	228	172093	3.11	ng/ul	98
35) Benzo(b)fluoranthene	22.77	252	261650	4.26	ng/ul	98
36) Benzo(k)fluoranthene	22.80	252	79213m	1.33	ng/ul	
38) Benzo(a)pyrene	23.33	252	171812	2.87	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.63	276	144461	2.09	ng/ul	95
41) Benzo(g,h,i)perylene	26.31	276	163615	2.76	ng/ul#	94

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