

Quantitation Report (QT Reviewed)

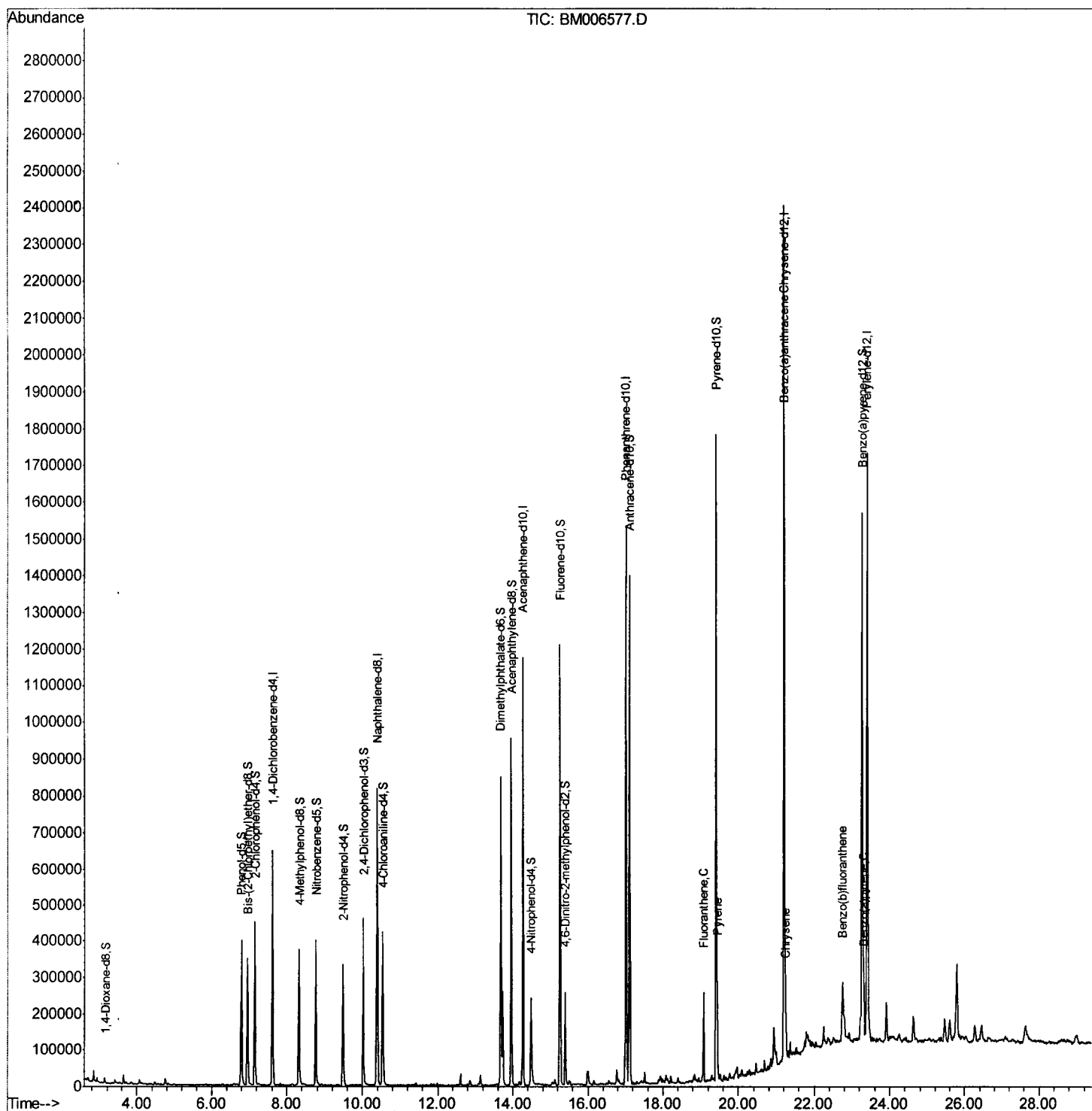
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072016\
 Data File : BM006577.D
 Acq On : 21 Jul 2016 04:52
 Operator : UM/SJ
 Sample : H4077-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YR1

Manual Integration

Quant Time: Jul 21 07:15:34 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 21 01:09:30 2016
 Response via : Initial Calibration

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 7/21/2016 1:52:56 PM



Quantitation Report (Qedit)

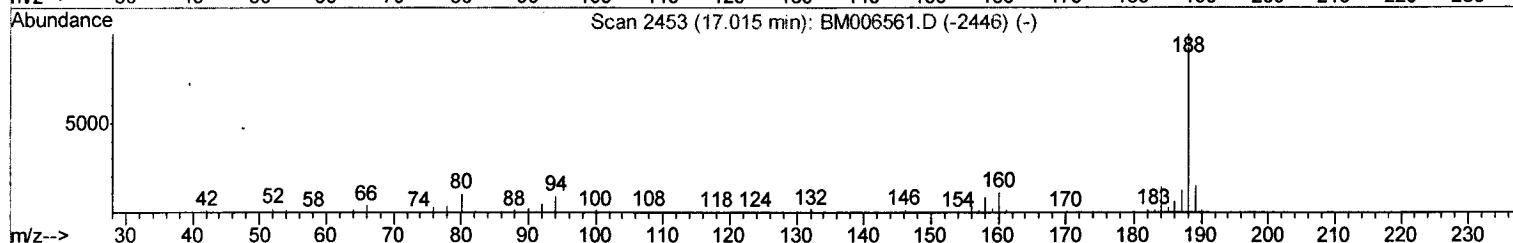
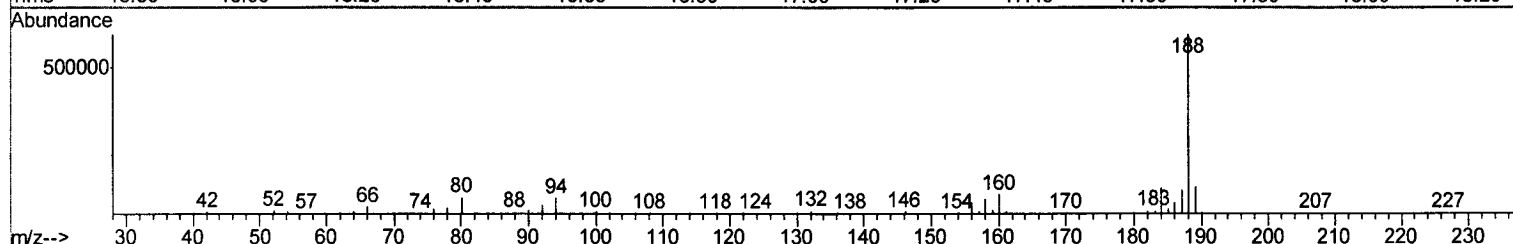
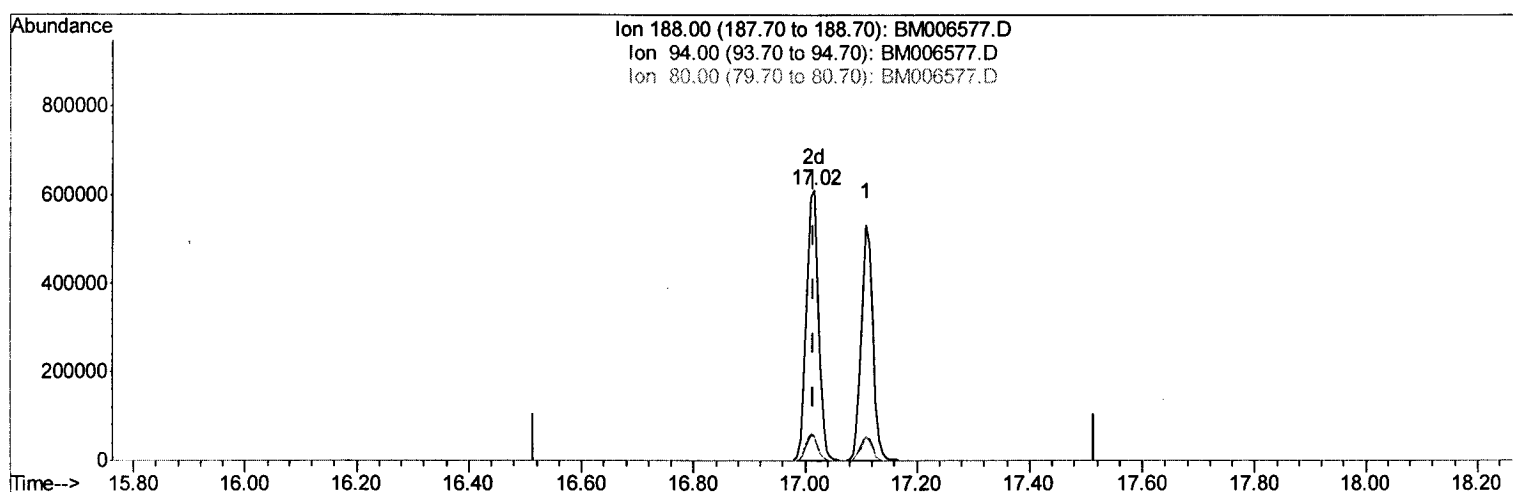
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TIC: BM006577.D

(23) Phenanthrene-d10 (I)

17.015min (+0.000) 20.00ng/ul m

response 906504

Ion	Exp%	Act%
188.00	100	100
94.00	9.60	8.93
80.00	12.20	9.29#
0.00	0.00	0.00

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Quantitation Report (Qedit)

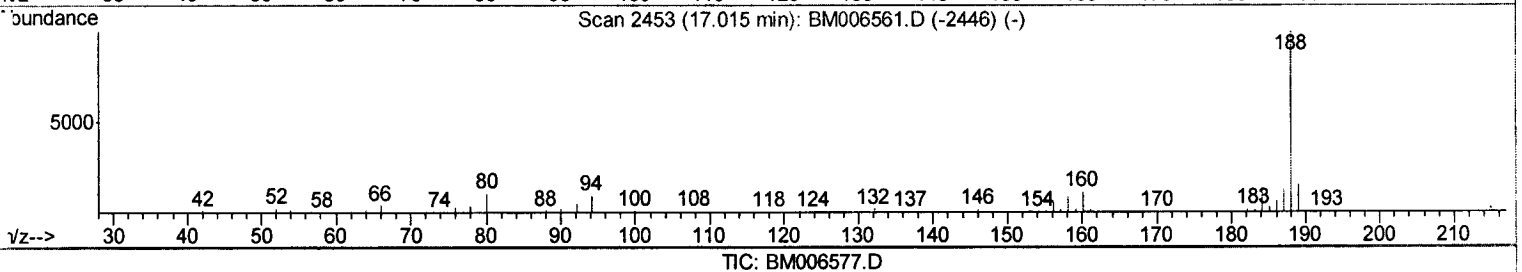
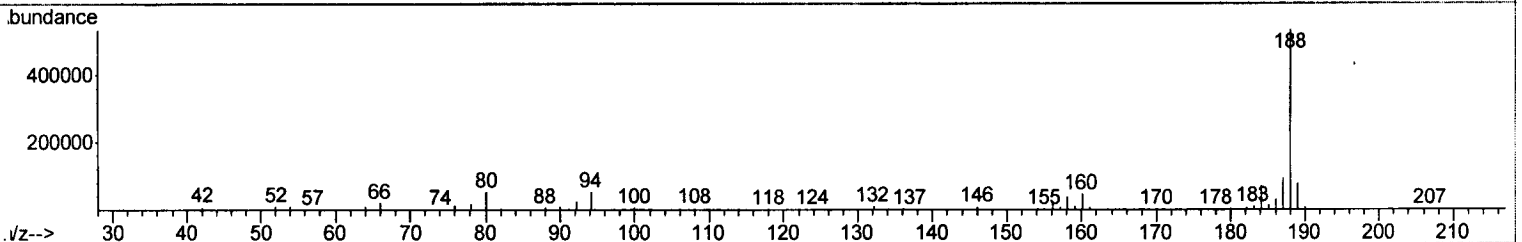
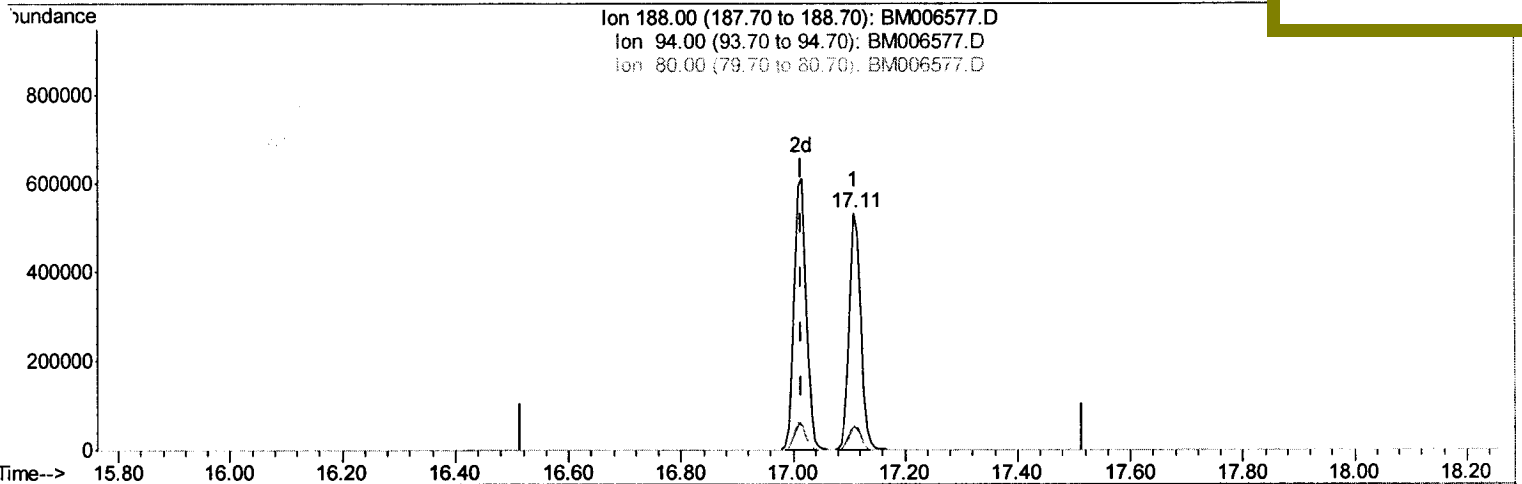
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(23) Phenanthrene-d10 (I)

17.109min (+0.094) 20.00ng/ul

response 770373

Ion	Exp%	Act%
188.00	100	100
94.00	9.60	10.14
80.00	12.20	10.21
0.00	0.00	0.00

Quantitation Report (Qedit)

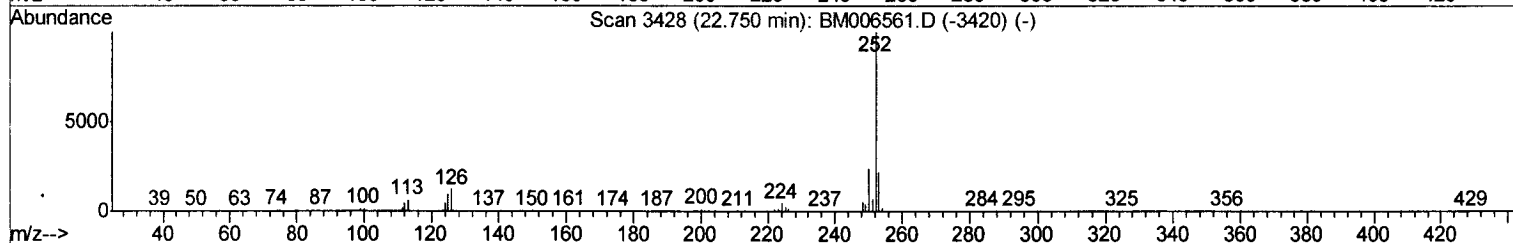
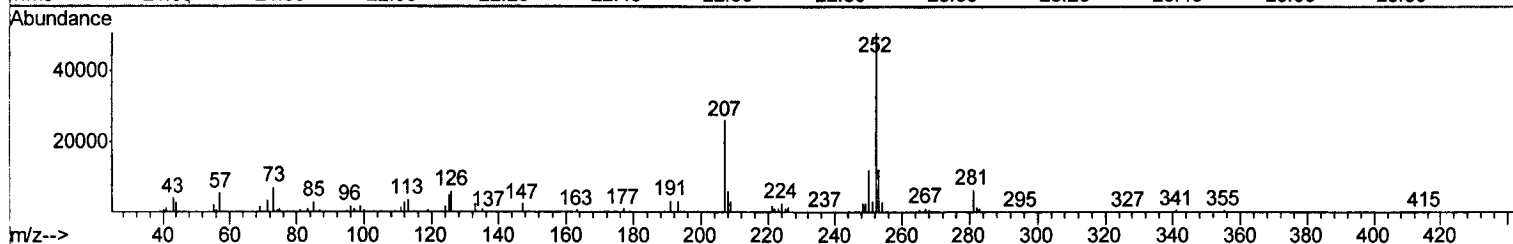
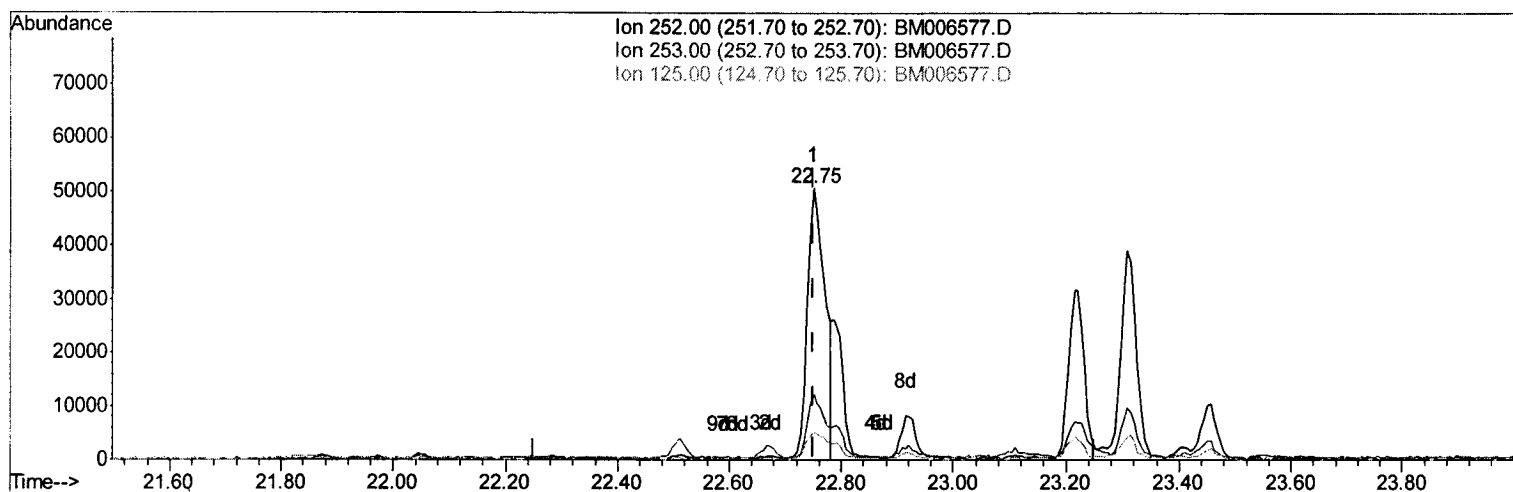
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TIC: BM006577.D

(35) Benzo(b)fluoranthene

22.750min (+0.000) 1.64ng/ul m U.M
 response 111562 07/26/16

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.31
125.00	9.50	9.85
0.00	0.00	0.00

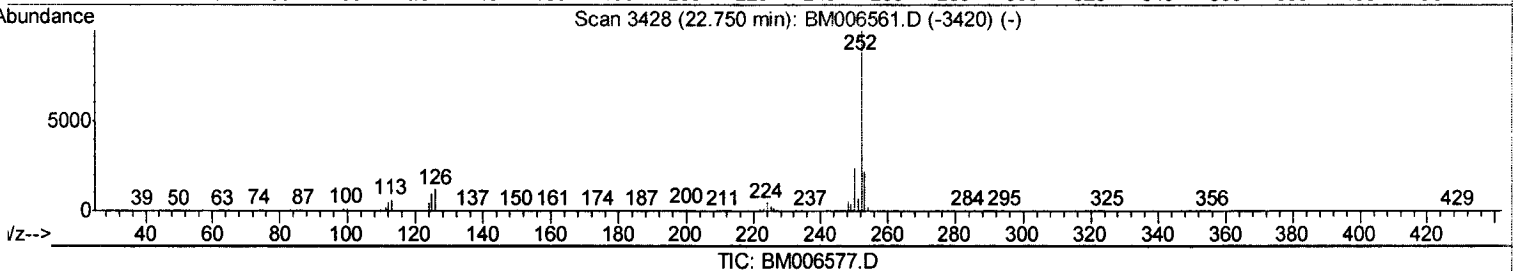
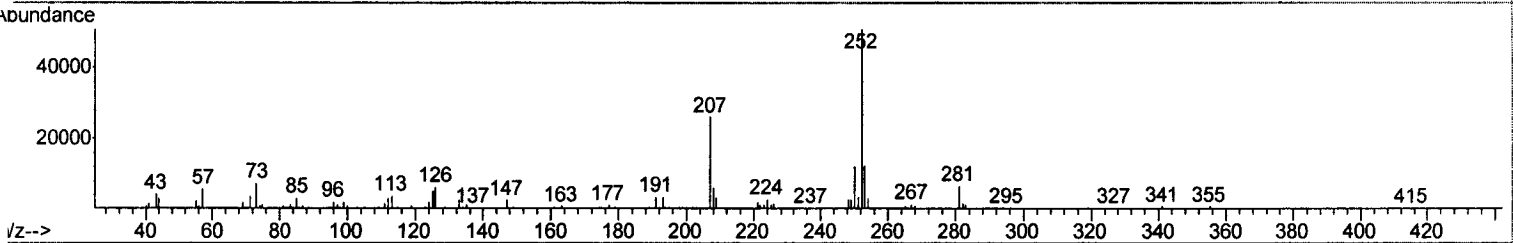
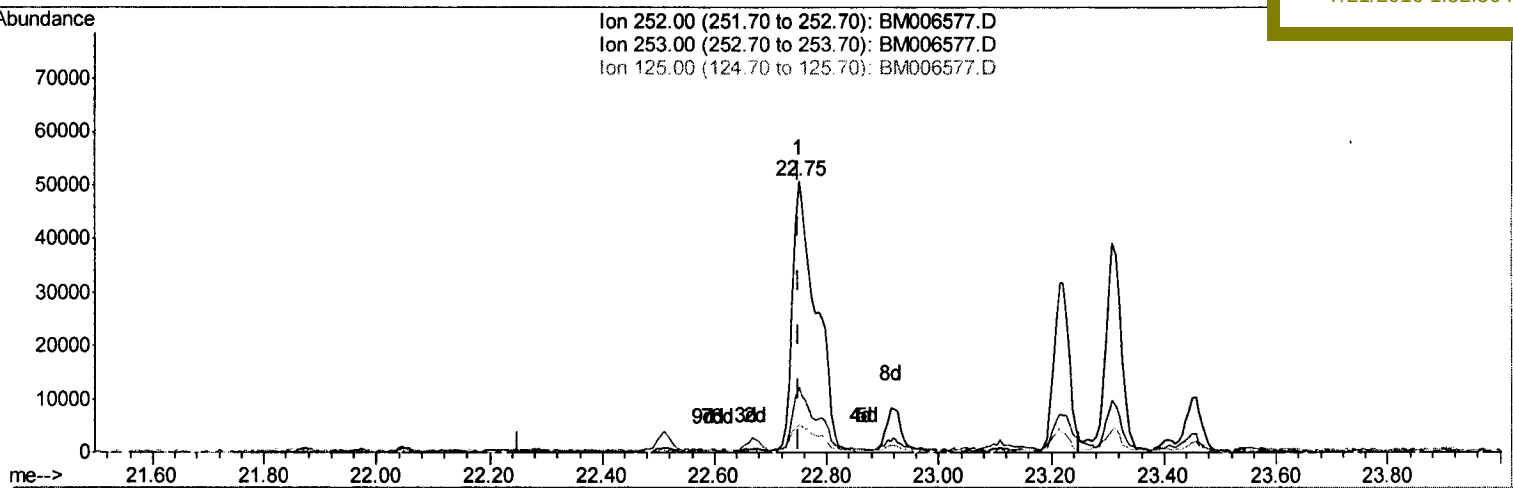
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Manual Integration

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(35) Benzo(b)fluoranthene

22.750min (+0.000) 2.18ng/ul

response 148746

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.31
125.00	9.50	9.85
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	7.61	152	167369	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	706254	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	393362	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	906504m	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1070935	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1136899	20.00	ng/ul	0.00

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System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	6690	1.62	ng/uL	0.00
3) Phenol-d5	6.79	99	230059	16.16	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	160252	18.17	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	188695	16.58	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	140670	12.74	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	91495	17.11	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	97309	17.12	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	171777	15.99	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	225693	19.08	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	558124	18.10	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	704261	17.89	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	67666	12.63	ng/ul	0.00
21) Fluorene-d10	15.26	176	501235	18.17	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	55162	11.72	ng/ul	0.00
26) Anthracene-d10	17.11	188	770373	17.90	ng/ul	0.00
30) Pyrene-d10	19.42	212	902258	18.49	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	967781	18.51	ng/ul	0.00

Target Compounds

					Qvalue	
28) Fluoranthene	19.08	202	143260	2.39	ng/ul	96
31) Pyrene	19.44	202	129132	1.99	ng/ul#	95
32) Benzo(a)anthracene	21.20	228	73710	1.14	ng/ul	97
33) Chrysene	21.24	228	84624	1.41	ng/ul	97
35) Benzo(b)fluoranthene	22.75	252	111562m	1.64	ng/ul	
38) Benzo(a)pyrene	23.31	252	72642	1.10	ng/ul	95

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