

Quantitation Report (QT Reviewed)

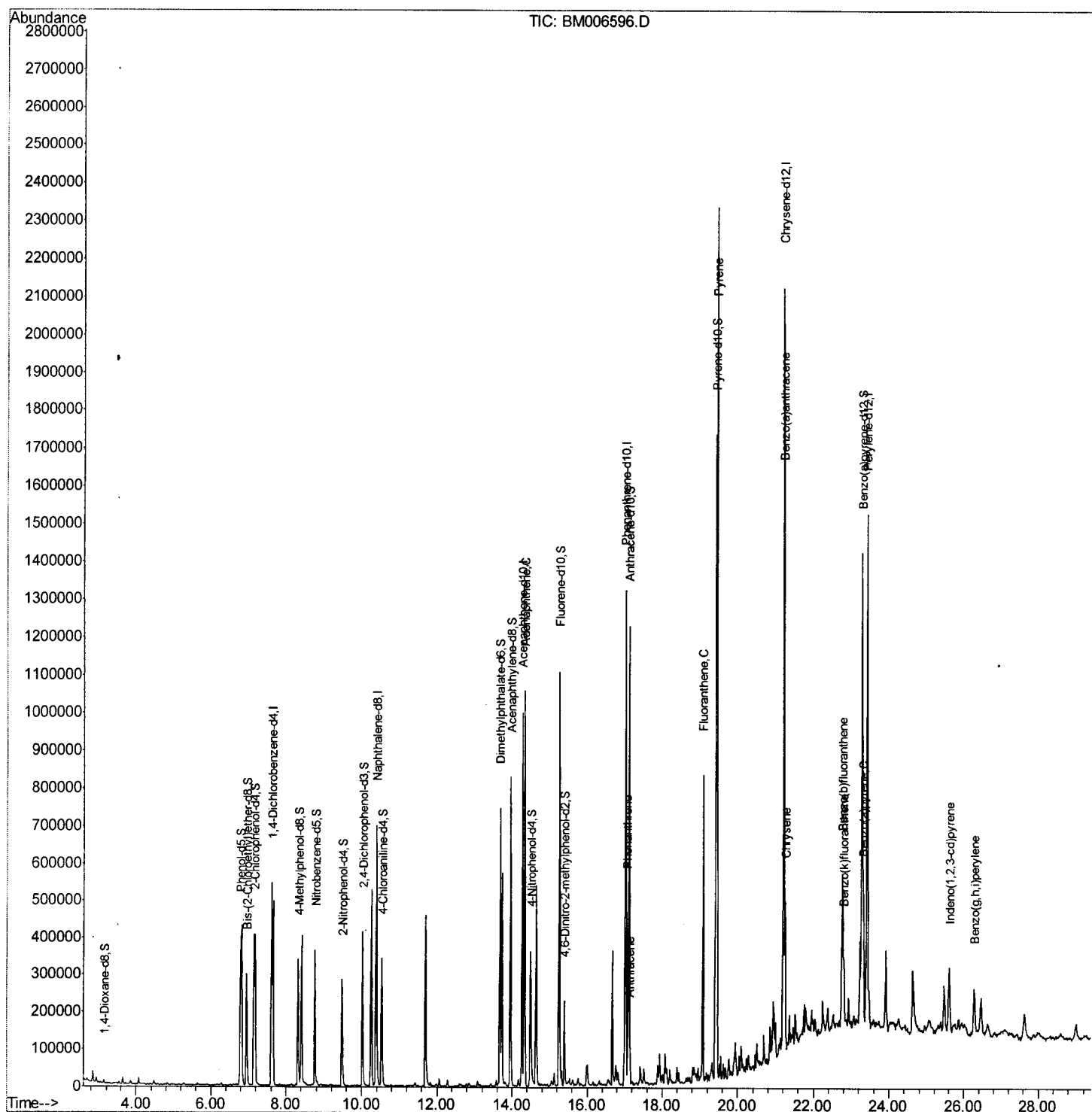
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
 Data File : BM006596.D
 Acq On : 21 Jul 2016 20:23
 Operator : UM/SJ
 Sample : H4078-07MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YS2MS

Manual Integration

Quant Time: Jul 22 02:19:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 22 01:56:00 2016
 Response via : Initial Calibration

APPROVED
 umangi
 7/22/2016 6:24:26 PM



Quantitation Report (Qedit)

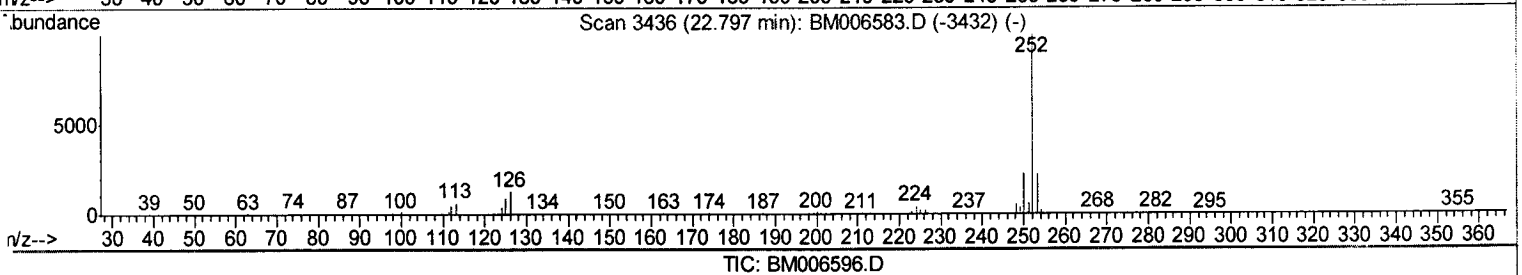
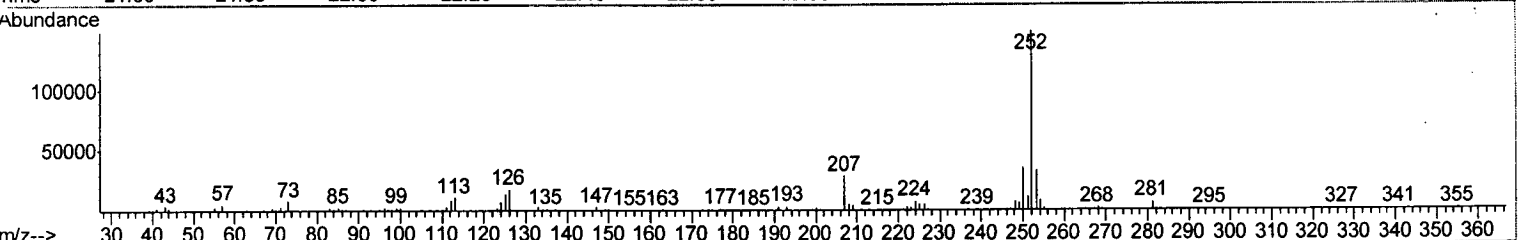
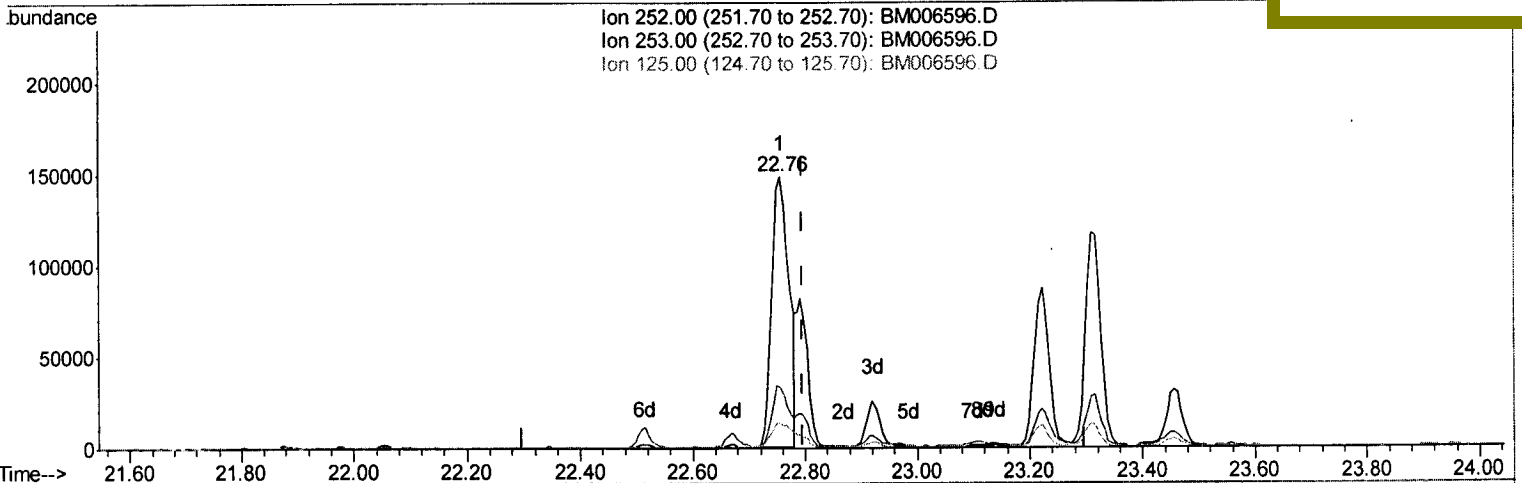
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(36) Benzo(k)fluoranthene

22.756min (-0.041) 5.72ng/ul

response 316073

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.36
125.00	9.60	9.22
0.00	0.00	0.00

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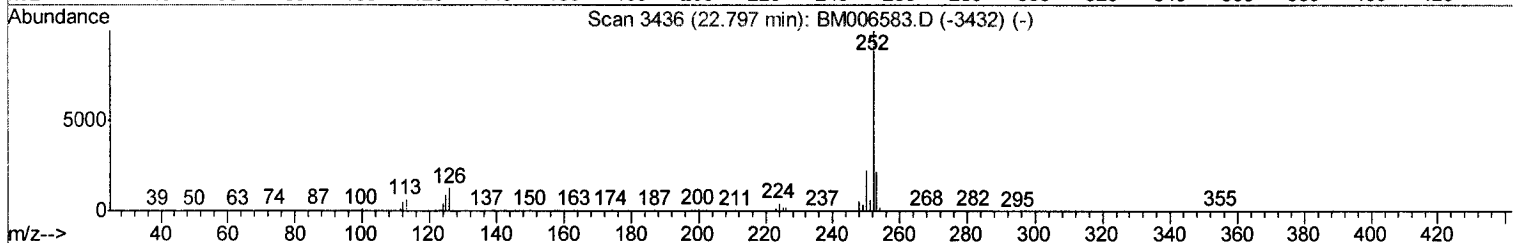
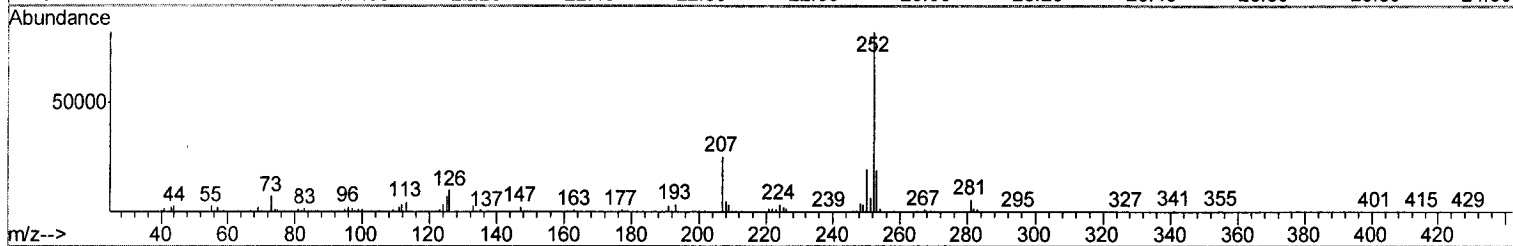
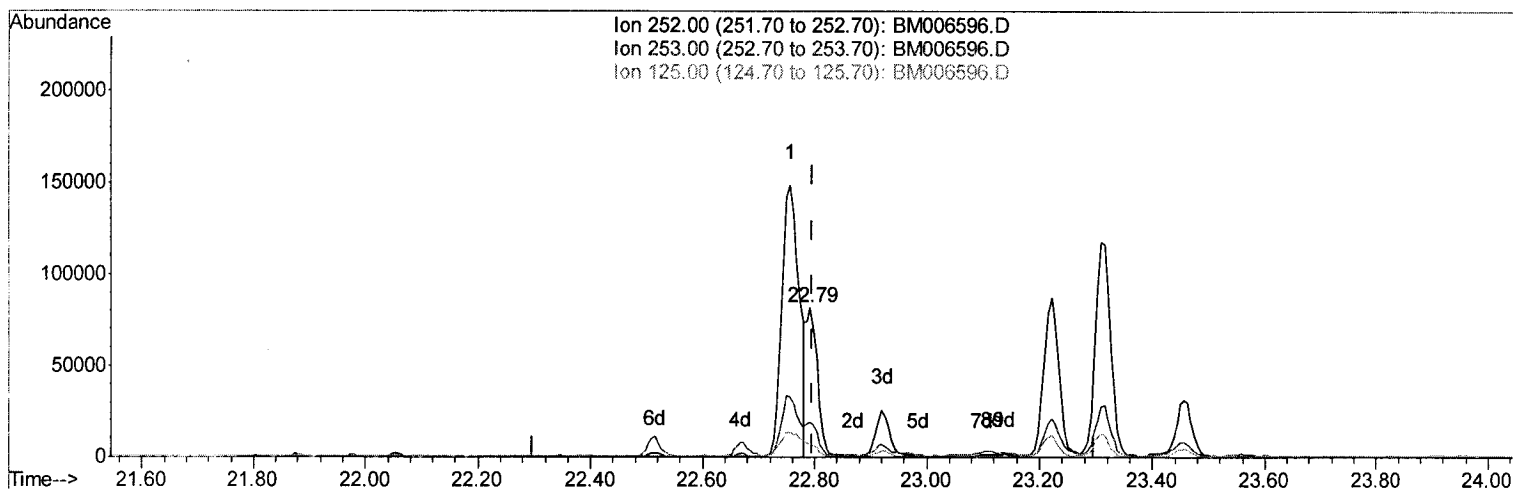
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TIC: BM006596.D

(36) Benzo(k)fluoranthene

22.791min (-0.006) 2.12ng/ul m U.M
07/28/16

response 116981

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.52
125.00	9.60	9.42
0.00	0.00	0.00

Quantitation Report (Qedit)

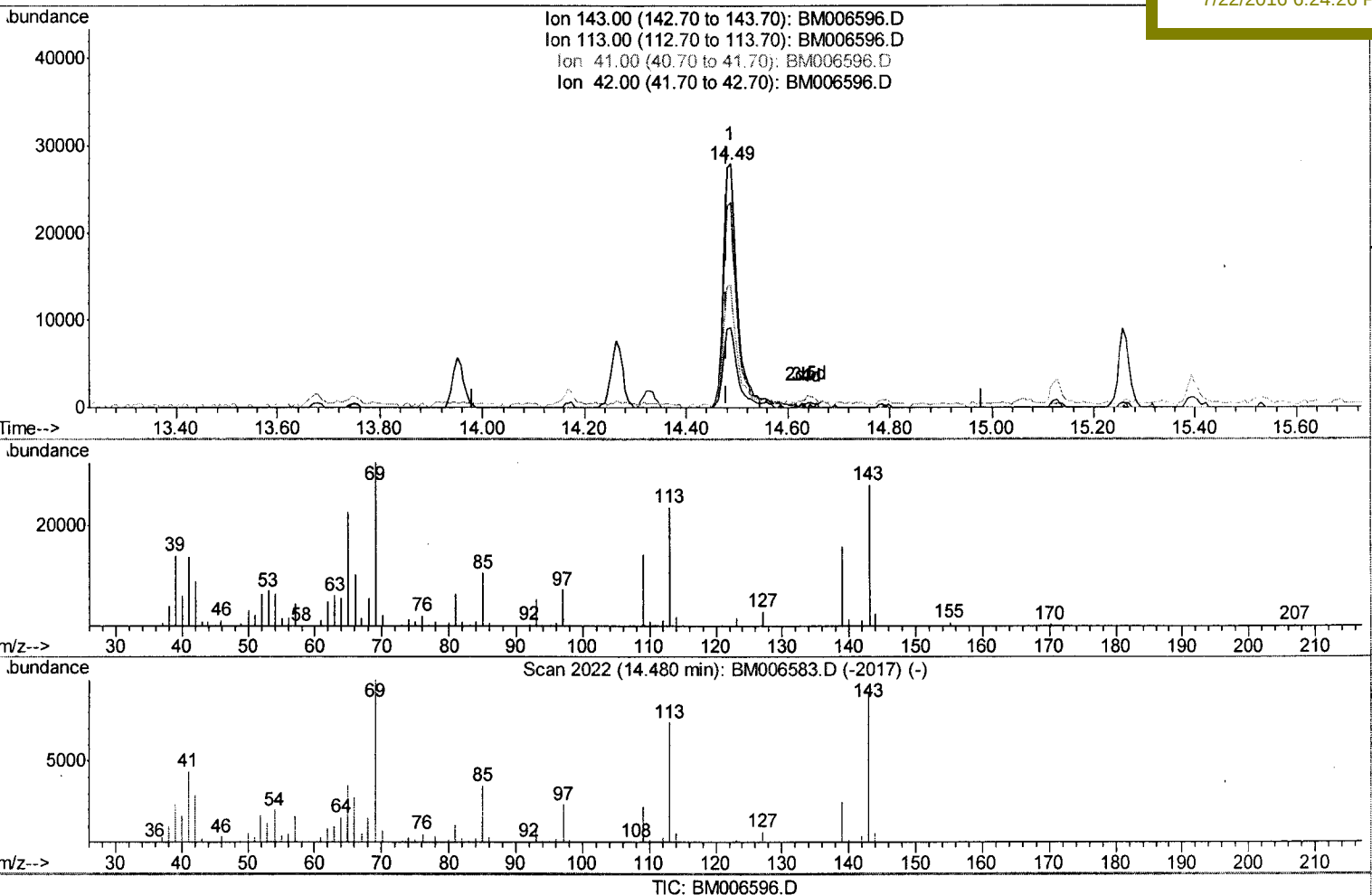
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Manual Integration

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(20) 4-Nitrophenol-d4 (S)

14.486min (+0.006) 11.66ng/ul

response 52854

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	84.32
41.00	49.70	49.85
42.00	33.70	32.66

Quantitation Report (Qedit)

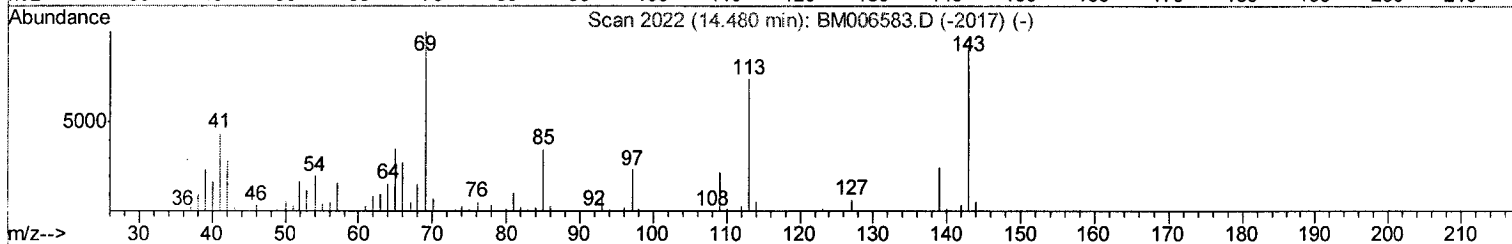
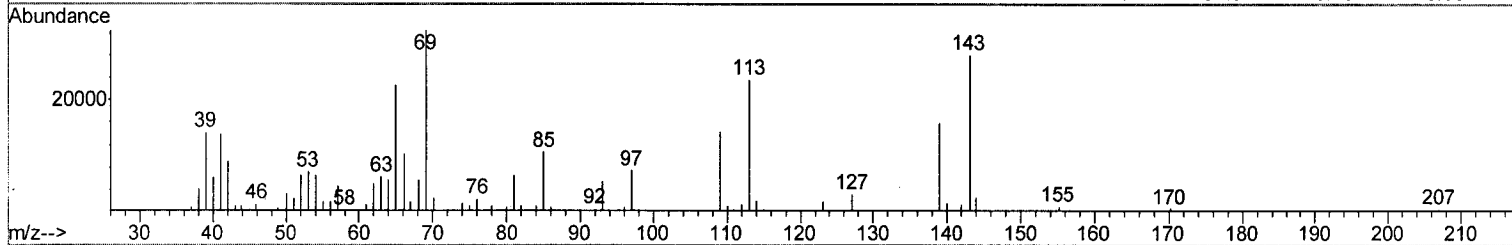
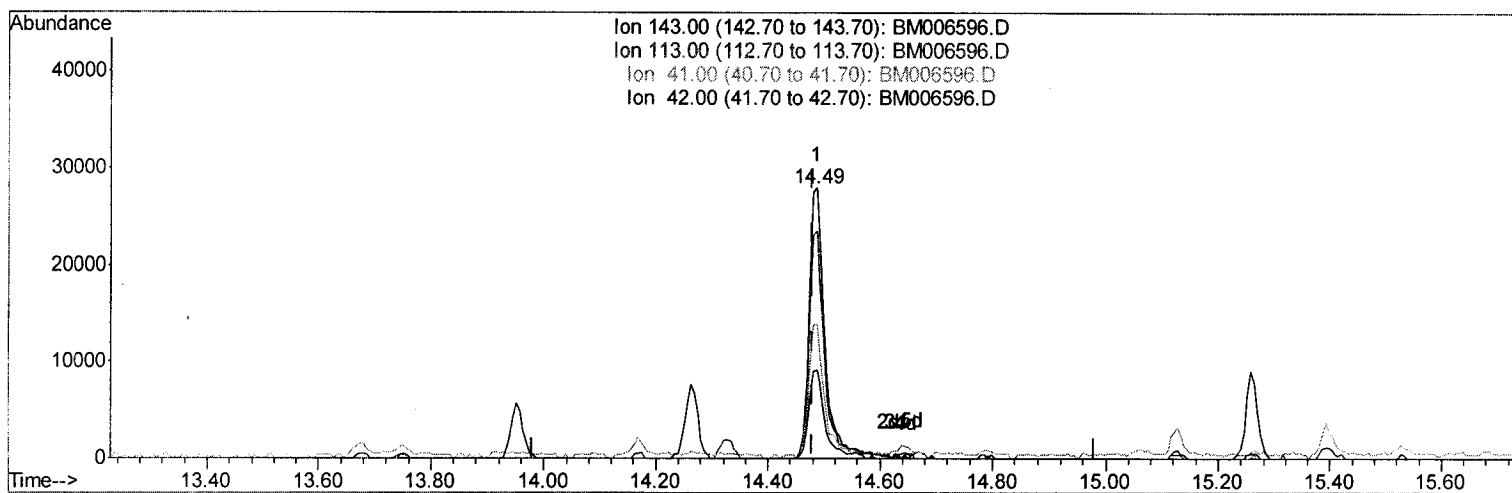
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TIC: BM006596.D

(20) 4-Nitrophenol-d4 (S)

14.486min (+0.006) 12.24ng/ul m U.M
 07/26/16

response 55500

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	84.32
41.00	49.70	49.85
42.00	33.70	32.66

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	139237	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	595286	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	333007	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	768754	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	917175	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	953671	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	5948	1.73	ng/uL	0.00
3) Phenol-d5	6.79	99	204023	17.22	ng/ul	0.00
4) Bis-(2-Chloroethyl) ether-d	6.95	67	138052	18.81	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	168688	17.82	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	124976	13.60	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	80399	17.84	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	83427	17.41	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	157714	17.42	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	184106	18.46	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	488014	18.69	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	627926	18.84	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	55500m	12.24	ng/ul	0.00
21) Fluorene-d10	15.26	176	445770	19.09	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	47511	11.91	ng/ul	0.00
26) Anthracene-d10	17.11	188	680915	18.65	ng/ul	0.00
30) Pyrene-d10	19.42	212	795297	19.03	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	852627	19.44	ng/ul	0.00

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Target Compounds

						Qvalue
19) Acenaphthene	14.33	153	423397	18.46	ng/ul	94
25) Phenanthrene	17.06	178	280082	6.48	ng/ul	99
27) Anthracene	17.14	178	59143	1.33	ng/ul	96
28) Fluoranthene	19.08	202	490152	9.65	ng/ul	98
31) Pyrene	19.44	202	1390410	25.04	ng/ul	97
32) Benzo(a)anthracene	21.20	228	228899	4.12	ng/ul	98
33) Chrysene	21.25	228	233311	4.55	ng/ul	98
35) Benzo(b)fluoranthene	22.76	252	316073	5.53	ng/ul	99
36) Benzo(k)fluoranthene	22.79	252	116981m	2.12	ng/ul	97
38) Benzo(a)pyrene	23.31	252	216113	3.88	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.60	276	153984	2.39	ng/ul	99
41) Benzo(g,h,i)perylene	26.27	276	153756	2.78	ng/ul#	96

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