

Quantitation Report (QT Reviewed)

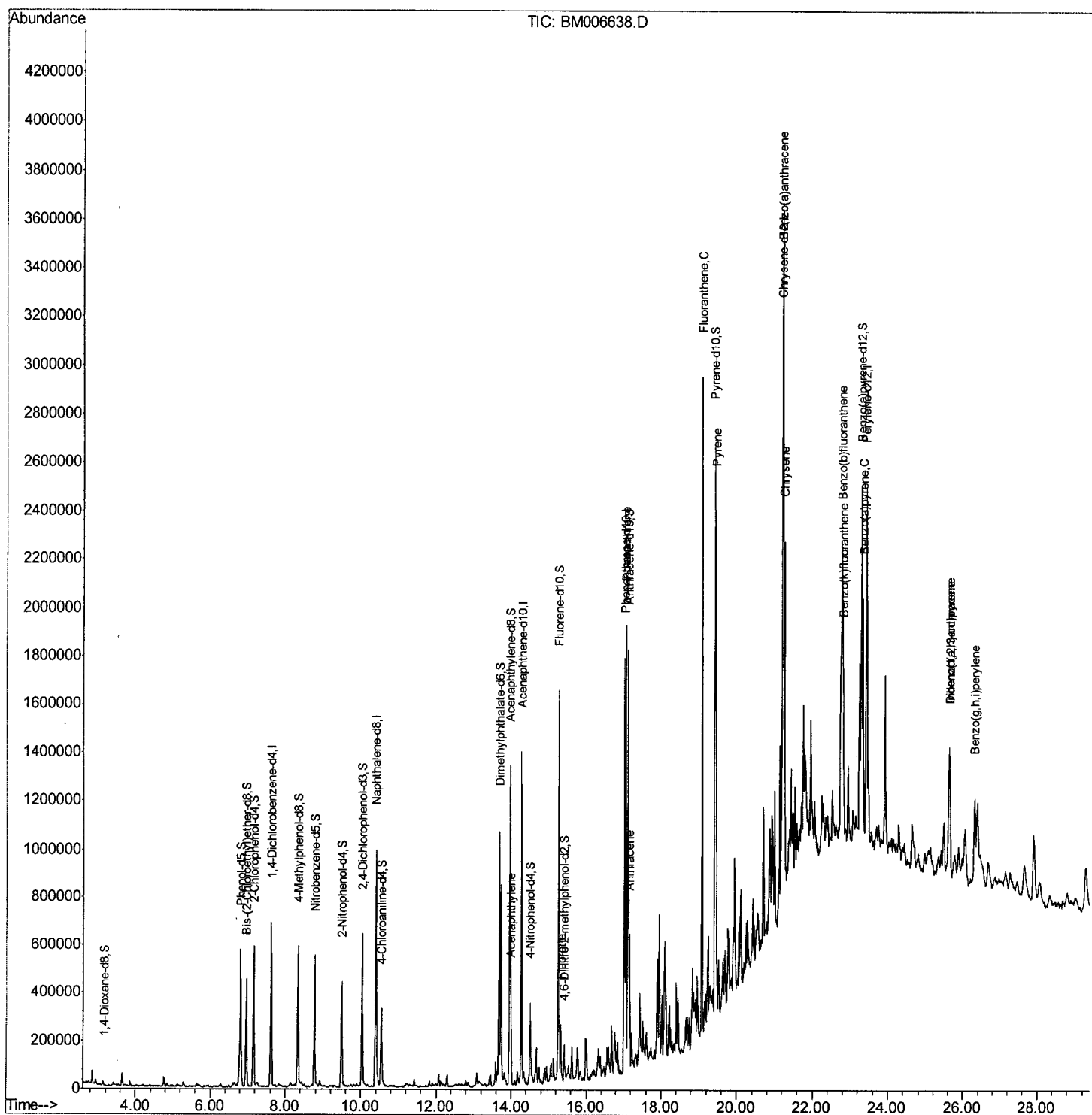
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
 Data File : BM006638.D
 Acq On : 22 Jul 2016 23:39
 Operator : UM/SJ
 Sample : H4077-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 D9YT5

Manual Integration

sohil
 7/25/2016 6:39:17 PM

Quant Time: Jul 23 01:13:46 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



Quantitation Report (Qedit)

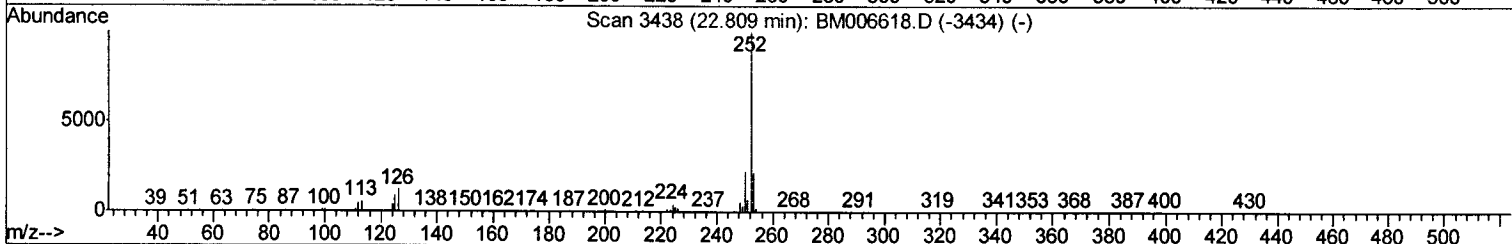
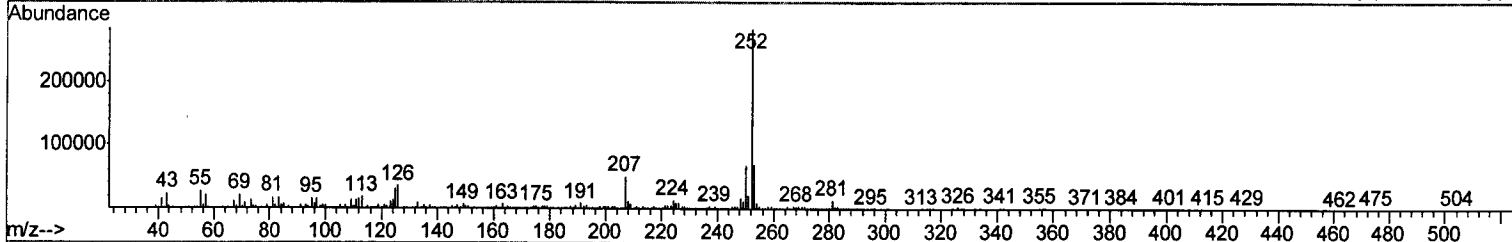
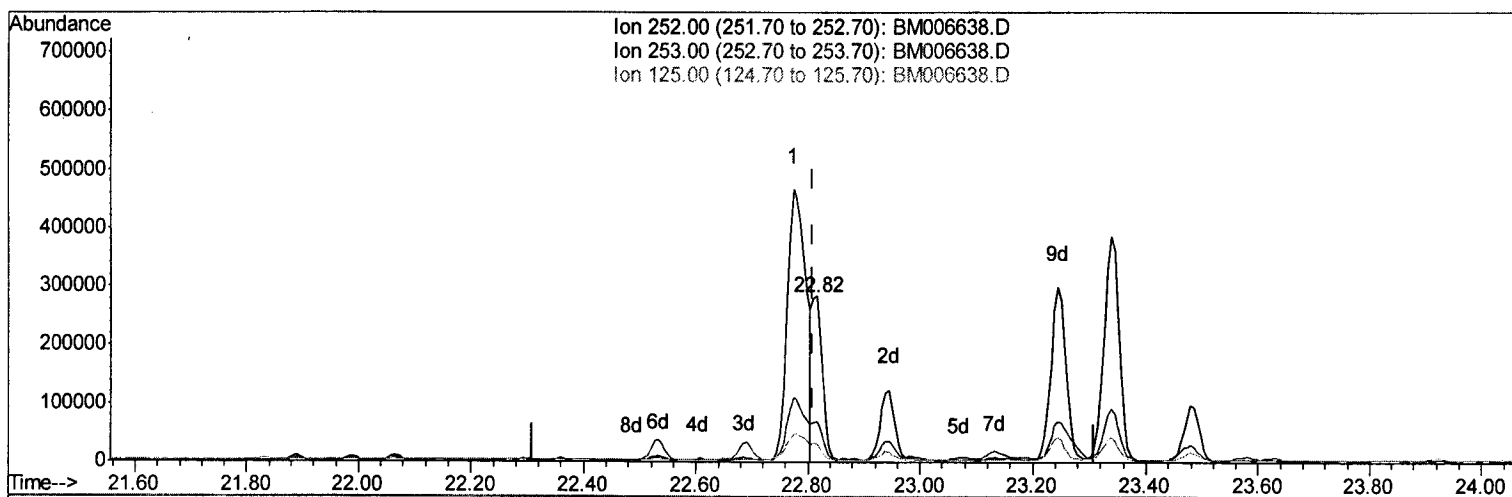
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
 Data File : BM006638.D
 Acq On : 22 Jul 2016 23:39
 Operator : UM/SJ
 Sample : H4077-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 D9YT5

Manual Integration

sohil
 7/25/2016 6:39:17 PM

Quant Time: Jul 23 01:12:25 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



TIC: BM006638.D

(36) Benzo(k)fluoranthene

22.815min (+0.006) 5.80ng/ul m

response 367387

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	25.03
125.00	9.60	11.10
0.00	0.00	0.00

UM
 07/26/16

Quantitation Report (Qedit)

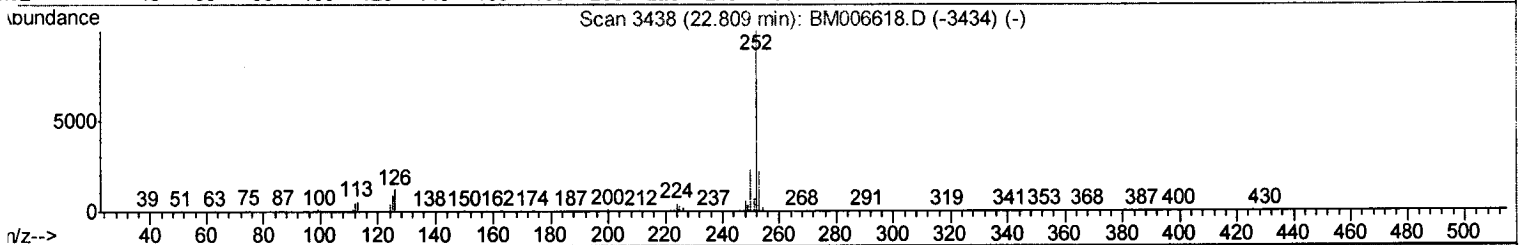
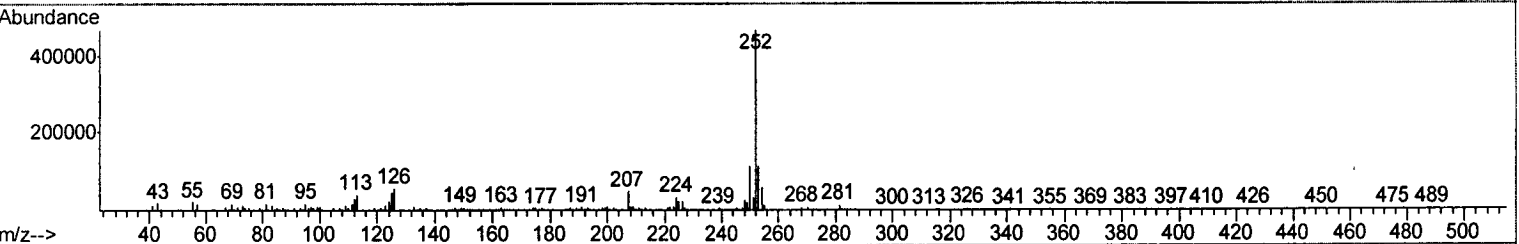
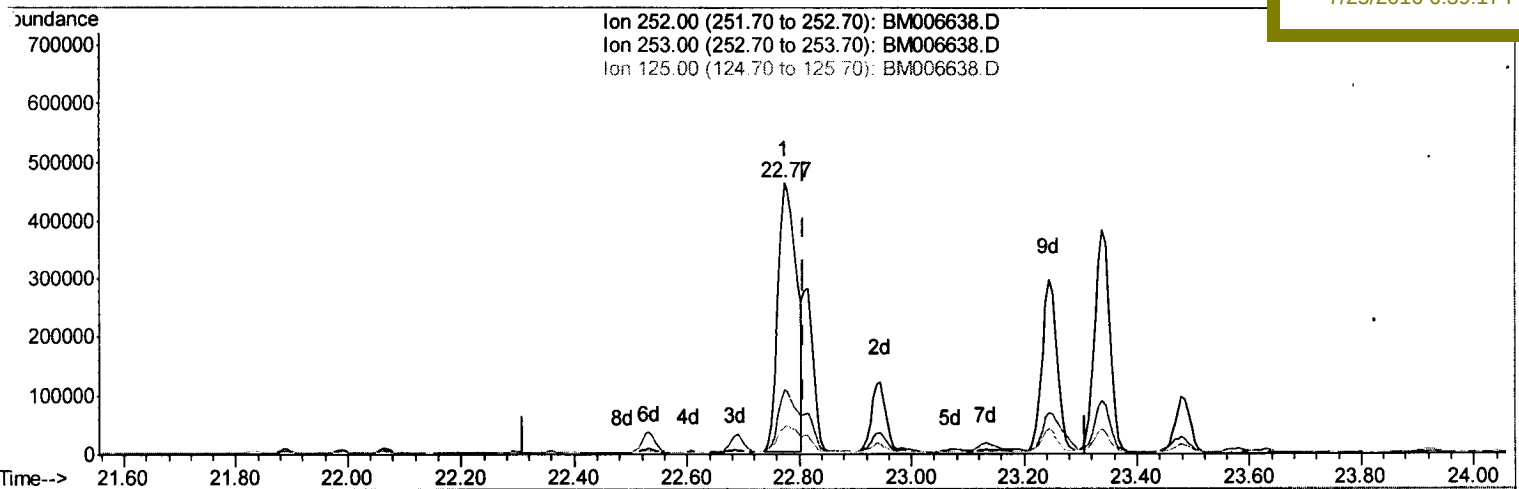
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
 Data File : BM006638.D
 Acq On : 22 Jul 2016 23:39
 Operator : UM/SJ
 Sample : H4077-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YT5

Quant Time: Jul 23 01:12:25 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

Manual Integration

sohil
 7/25/2016 6:39:17 PM



TIC: BM006638.D

(36) Benzo(k)fluoranthene

22.774min (-0.035) 16.86ng/ul

response 1068063

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.81
125.00	9.60	9.95
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
 Data File : BM006638.D
 Acq On : 22 Jul 2016 23:39
 Operator : UM/SJ
 Sample : H4077-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YT5

Quant Time: Jul 23 01:13:46 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

Manual Integration

sohil
 7/25/2016 6:39:17 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	179348	20.00	ng/ul	0.01
7) Naphthalene-d8	10.40	136	820971	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	462551	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.03	188	1007883	20.00	ng/ul	0.01
29) Chrysene-d12	21.23	240	1022291	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1093004	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	7848	1.77	ng/uL	0.00
3) Phenol-d5	6.80	99	317513	20.81	ng/ul	0.00
4) Bis-(2-Chloroethyl) ether-d	6.96	67	205157	21.71	ng/ul	0.00
5) 2-Chlorophenol-d4	7.16	132	254338	20.86	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	218040	18.43	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	124757	20.08	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	132285	20.02	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	237551	19.02	ng/ul	0.01
12) 4-Chloroaniline-d4	10.55	131	182776	13.29	ng/ul	0.01
16) Dimethylphthalate-d6	13.69	166	713559	19.68	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	928128	20.05	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	88209	14.00	ng/ul	0.02
21) Fluorene-d10	15.27	176	643691	19.85	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	27392	5.24	ng/ul	0.01
26) Anthracene-d10	17.12	188	955179	19.96	ng/ul	0.00
30) Pyrene-d10	19.43	212	1020256	21.90	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1011877	20.13	ng/ul	0.01

Target Compounds

					Qvalue
18) Acenaphthylene	13.99	152	176909	3.57 ng/ul	99
22) Fluorene	15.33	166	101351	2.82 ng/ul	95
25) Phenanthrene	17.07	178	1131692	19.97 ng/ul	99
27) Anthracene	17.16	178	358193	6.14 ng/ul	97
28) Fluoranthene	19.09	202	1601153	24.04 ng/ul	99
31) Pyrene	19.46	202	1274316	20.59 ng/ul	97
32) Benzo(a)anthracene	21.21	228	902068	14.56 ng/ul	97
33) Chrysene	21.26	228	830641	14.54 ng/ul	97
35) Benzo(b)fluoranthene	22.77	252	1068063	16.30 ng/ul	98
36) Benzo(k)fluoranthene	22.82	252	367387m	5.80 ng/ul	98
38) Benzo(a)pyrene	23.34	252	716147	11.23 ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.65	276	491442	6.65 ng/ul	98
40) Dibenzo(a,h)anthracene	25.65	278	160740	2.63 ng/ul#	92
41) Benzo(g,h,i)perylene	26.33	276	453371	7.16 ng/ul	97

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