

Instrument :
BNA_M
ClientSampleId :
D9ZL3

Manual Integrations
APPROVED

sohil
8/1/2016 7:04:36 PM

TIC: BM006762.D

Abundance

Time-->

1,4-Dioxane-d8,S
Bis(2-chlorophenyl)-d8,S
1,4-Dichlorobenzene-d4,I
4-Methylphenol-d8,S
Nitrobenzene-d5,S
2-Nitrophenol-d4,S
2,4-Dichlorophenol-d8,S
4-Chloroaniline-d4,S
Naphthalene-d8,I
Dimethylphthalate-d6,S
Acenaphthylene-d8,S
Acenaphthene-d10,I
Fluorene-d10,S
Phenanthrene-d10,I
Anthracene-d10,S
Pyrene-d10,S
Fluoranthene,C
Chrysene
Benzo(b)fluoranthene
Benzo(a)pyrene-d12,S
Benzo(e)pyrene,C
Benzo(k)fluoranthene
Benzo(g,h,i)perylene
Benzo(a,h,i)perylene

Quantitation Report (Qedit)

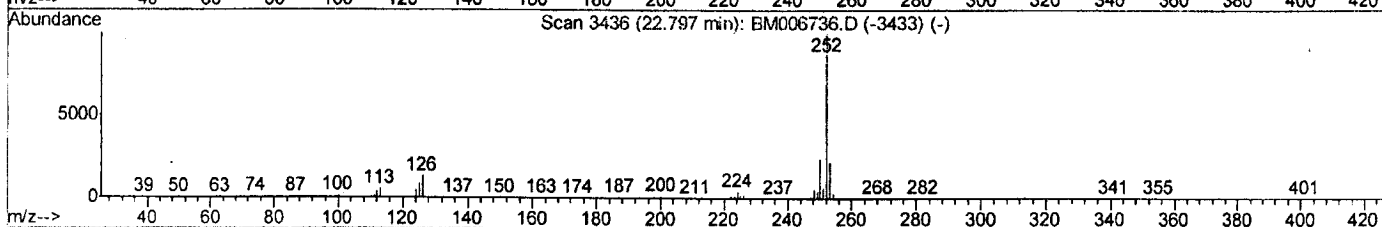
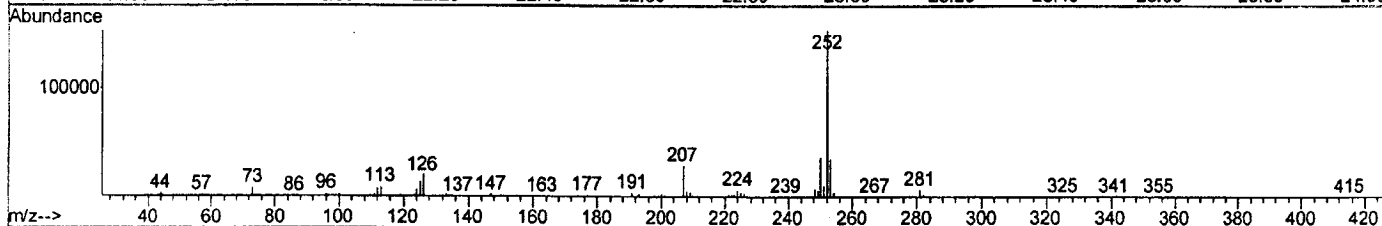
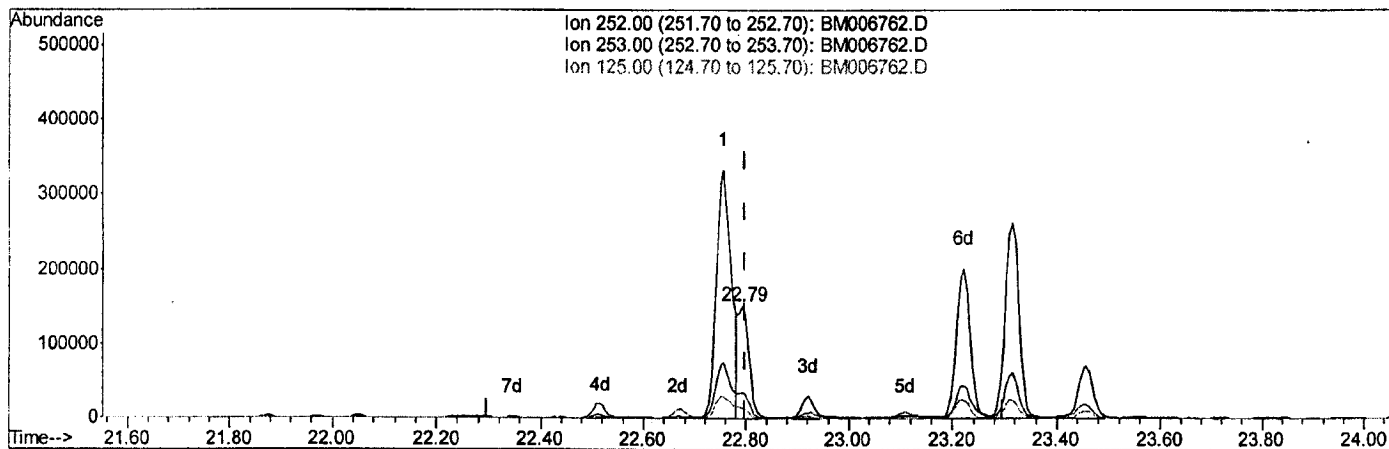
Data Path : Z:\HPCHEM1\BNA_M\Data\BM073016\
 Data File : BM006762.D
 Acq On : 30 Jul 2016 07:35
 Operator : UM/SJ
 Sample : H4188-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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Quant Time: Aug 01 04:24:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration



TIC: BM006762.D

(36) Benzo(k)fluoranthene

22.791min (-0.006) 2.99ng/ul m

response 222148

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.74
125.00	9.60	9.06
0.00	0.00	0.00

U.M
 08/02/16

Quantitation Report (Qedit)

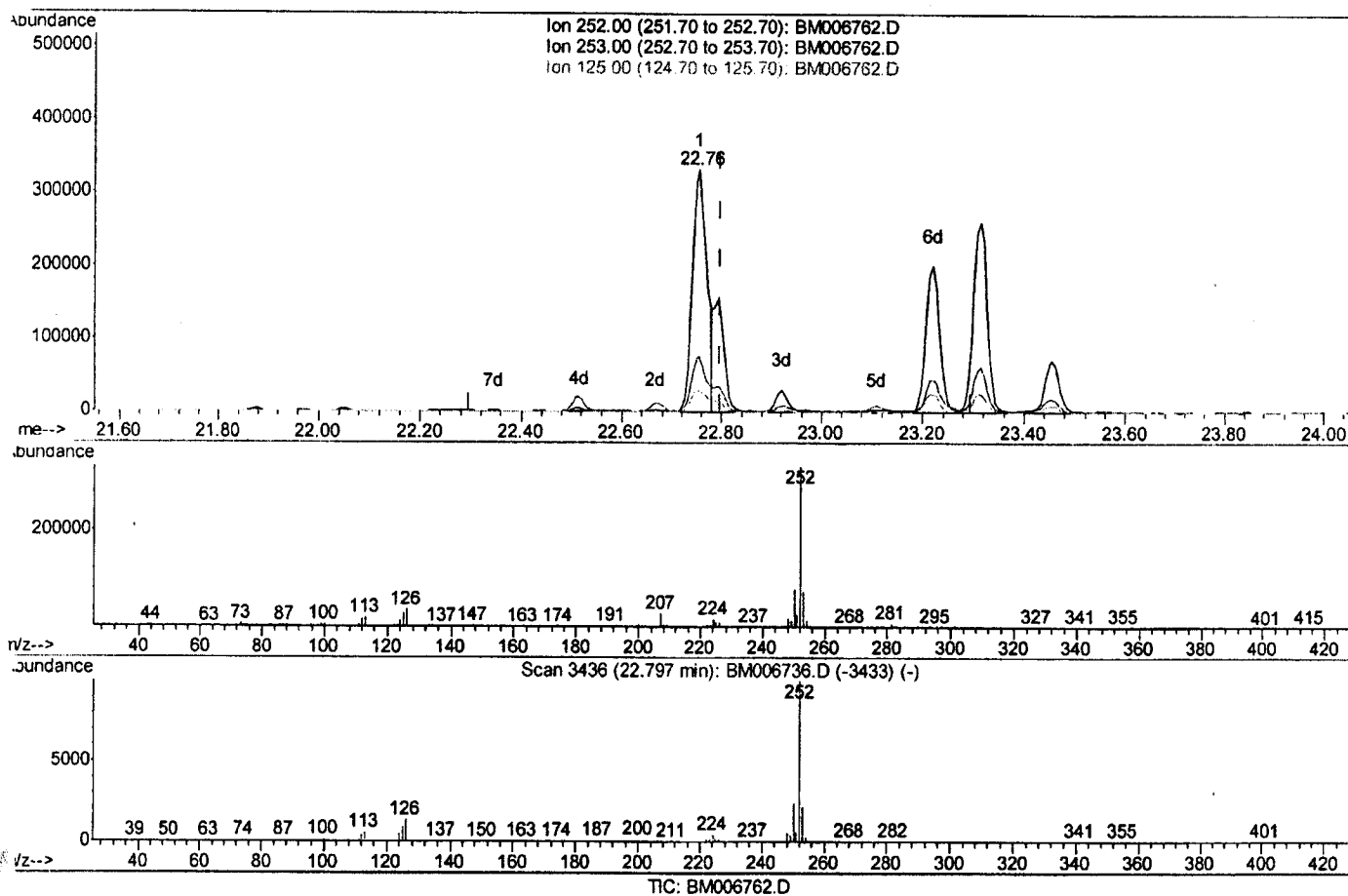
Data Path : Z:\HPCHEM1\BNA_M\Data\BM073016\
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(36) Benzo(k)fluoranthene
 22.756min (-0.041) 8.99ng/ul
 response 667977

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.87
125.00	9.60	8.48
0.00	0.00	0.00

Quantitation Report (Qedit)

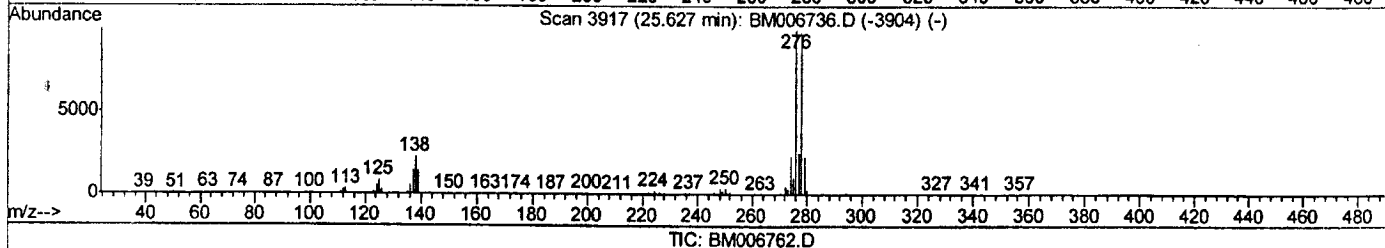
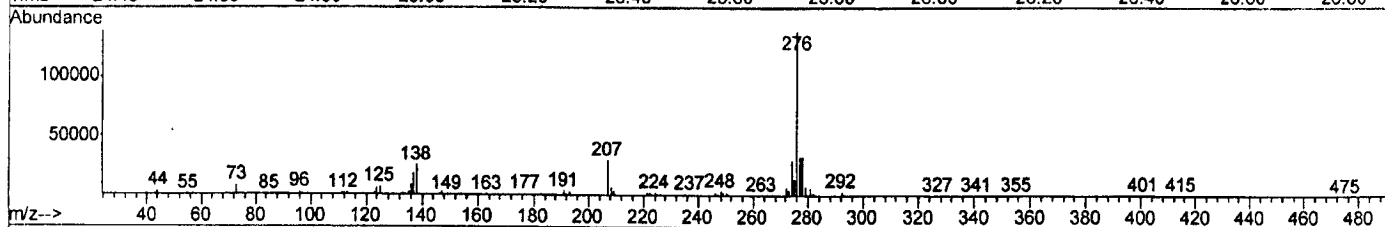
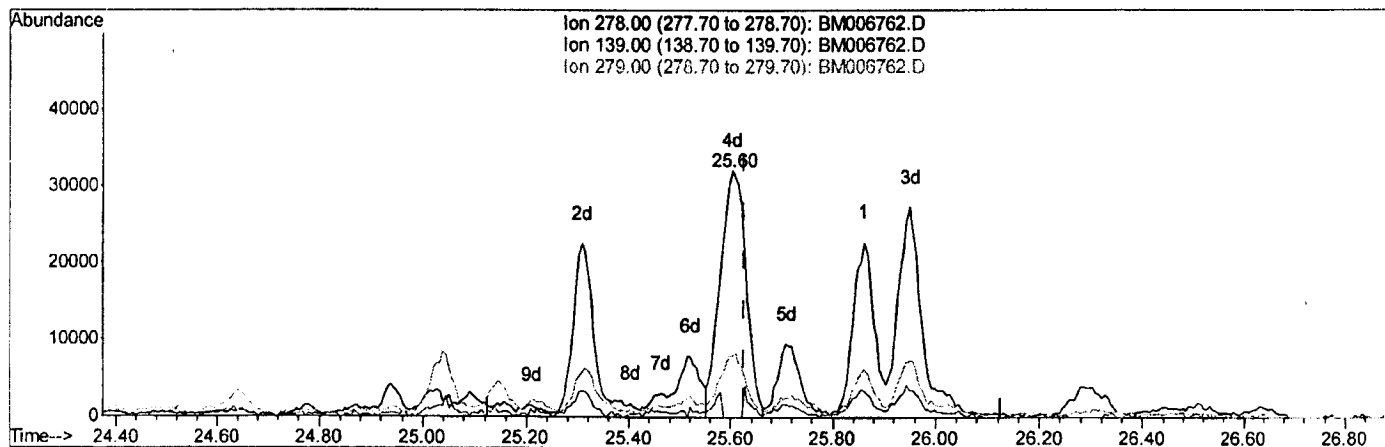
Data Path : Z:\HPCHEM1\BNA_M\Data\BM073016\
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(40) Dibenzo(a,h)anthracene

25.603min (-0.024) 1.55ng/ul m

response 111616

Ion Exp% Act%

278.00 100 100

139.00 15.10 0.00#

279.00 24.80 24.38

0.00 0.00 0.00

U.M
 08/02/16

Quantitation Report (Qedit)

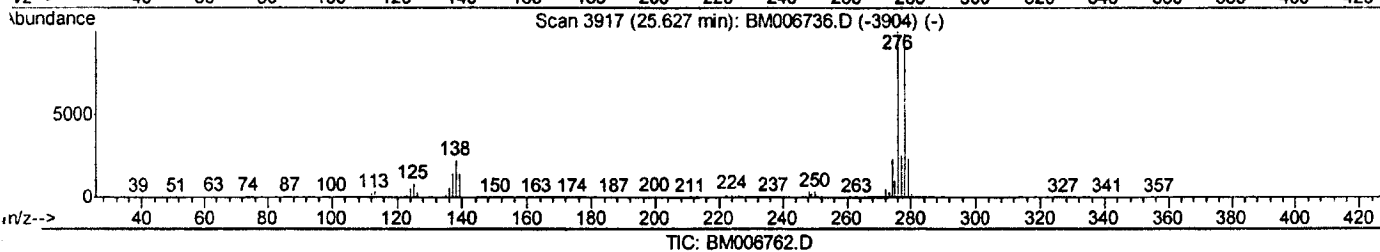
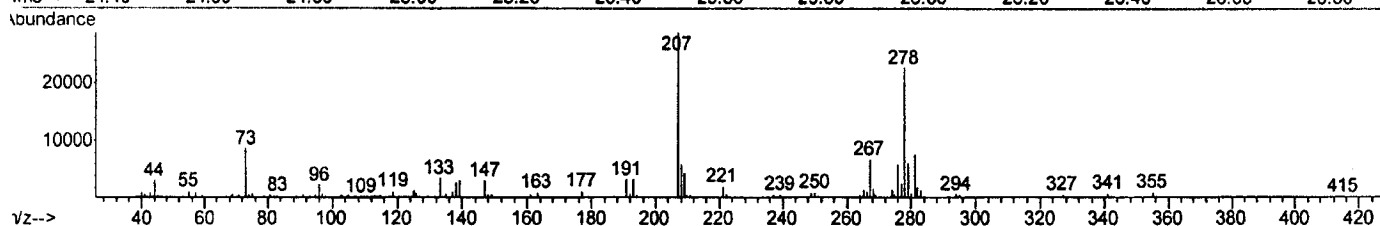
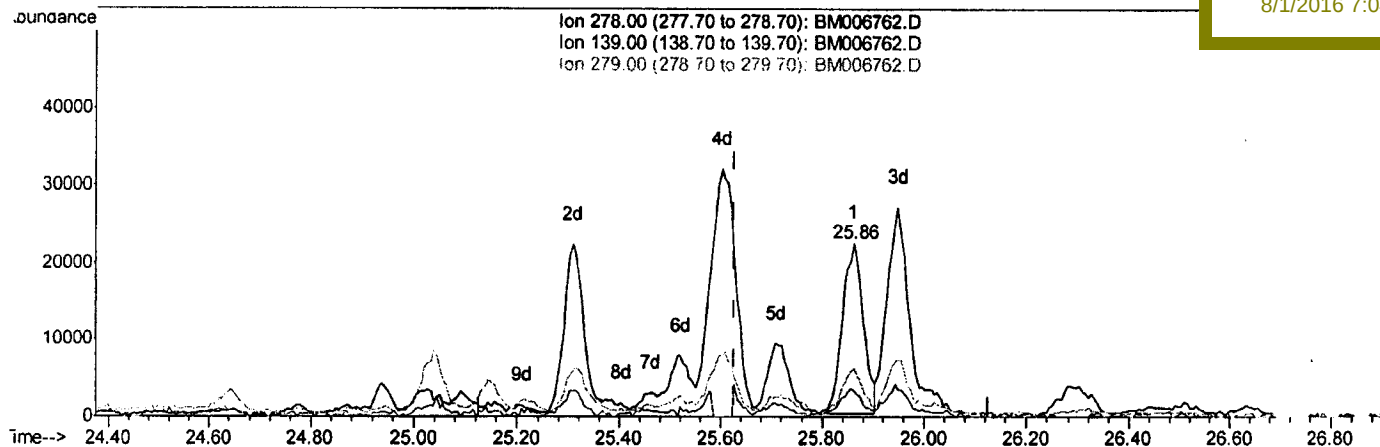
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(40) Dibenzo(a,h)anthracene

25.862min (+0.235) 0.87ng/ul

response 62704

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	14.65
279.00	24.80	27.45
0.00	0.00	0.00

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 Sample : H4188-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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Manual Integrations
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 8/1/2016 7:04:36 PM

Quant Time: Aug 01 05:00:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	174672	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	762190	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	444106	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1015313	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1210878	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1282162	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	5552	1.29	ng/uL	0.00
3) Phenol-d5	6.79	99	213809	14.39	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	145017	15.75	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	178220	15.01	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	154502	13.41	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	86667	15.02	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	95588	15.58	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	165669	14.29	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	232664	18.22	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	547567	15.73	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	685756	15.43	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	62801	10.38	ng/ul	0.00
21) Fluorene-d10	15.26	176	492944	15.83	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	53868	10.22	ng/ul	0.00
26) Anthracene-d10	17.11	188	741991	15.39	ng/ul	0.00
30) Pyrene-d10	19.41	212	901267	16.33	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	959349	16.27	ng/ul	0.00

Target Compounds

					Qvalue
25) Phenanthrene	17.05	178	67405	1.18	ng/ul 97
27) Anthracene	17.05	178	67405	1.15	ng/ul 99
28) Fluoranthene	19.07	202	279010	4.16	ng/ul 97
31) Pyrene	19.44	202	290845	3.97	ng/ul 98
32) Benzo(a)anthracene	21.20	228	272381	3.71	ng/ul 99
33) Chrysene	21.24	228	354092	5.23	ng/ul 98
35) Benzo(b)fluoranthene	22.76	252	667977	8.69	ng/ul 99
36) Benzo(k)fluoranthene	22.79	252	222148m}	2.99	ng/ul
38) Benzo(a)pyrene	23.31	252	484875	6.48	ng/ul 96
39) Indeno(1,2,3-cd)pyrene	25.60	276	378721	4.37	ng/ul 98
40) Dibenzo(a,h)anthracene	25.60	278	111616m}	1.55	ng/ul
41) Benzo(g,h,i)perylene	26.28	276	356964	4.81	ng/ul 96

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