

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
 Data File : BM005766.D
 Acq On : 13 Jun 2016 01:40
 Operator : UM/SJ
 Sample : H3536-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y27

Quant Time: Jun 13 03:33:24 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 13 03:29:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	118805	20.00	ng/ul	0.00
7) Naphthalene-d8	10.54	136	579418	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	320003	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	585750	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	451112	20.00	ng/ul	0.00
34) Perylene-d12	23.58	264	462297	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96	3384	1.24	ng/uL	0.00
3) Phenol-d5	6.93	99	134812	13.15	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.08	67	97078	15.76	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	126938	15.31	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	83605	9.65	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	66606	15.95	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	73340	15.53	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	135971	15.88	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	78665	7.61	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	456691	17.30	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	588745	18.23	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	29325	7.60	ng/ul	0.00
21) Fluorene-d10	15.39	176	389045	17.41	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	10112	3.34	ng/ul	0.00
26) Anthracene-d10	17.24	188	494300	17.91	ng/ul	0.00
30) Pyrene-d10	19.53	212	423055	19.52	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	387391	18.37	ng/ul	0.00

Target Compounds

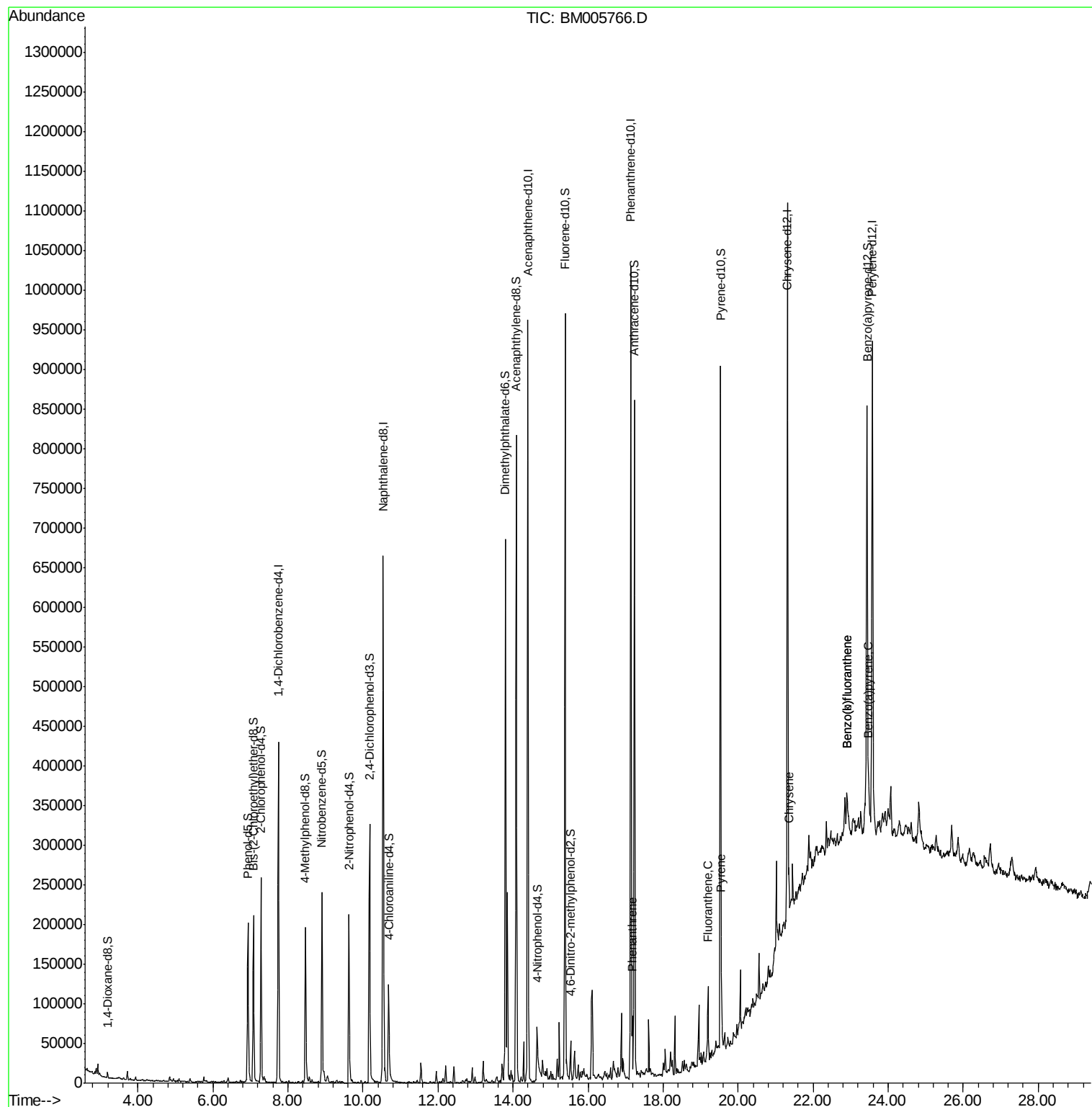
						Qvalue
25) Phenanthrene	17.18	178	44761	1.40	ng/ul	100
28) Fluoranthene	19.20	202	51283	1.36	ng/ul	99
31) Pyrene	19.56	202	44981	1.64	ng/ul	99
33) Chrysene	21.36	228	30490	1.19	ng/ul#	91
35) Benzo(b)fluoranthene	22.90	252	45889	1.67	ng/ul#	87
36) Benzo(k)fluoranthene	22.90	252	45889	1.65	ng/ul#	85
38) Benzo(a)pyrene	23.48	252	27256	1.05	ng/ul#	87

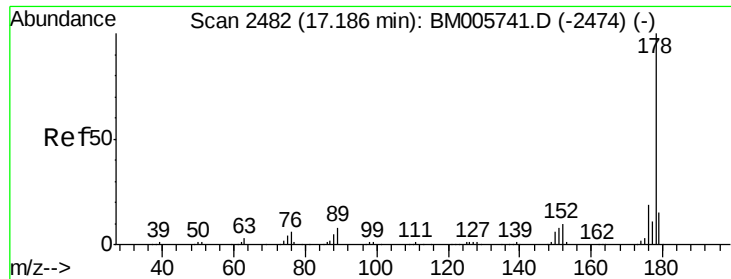
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Phenanthrene

Concen: 1.40 ng/ul

RT: 17.18 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BM005766.D

Acq: 13 Jun 2016 01:40

Instrument :

BNA_M

ClientSampleId :

D9Y27

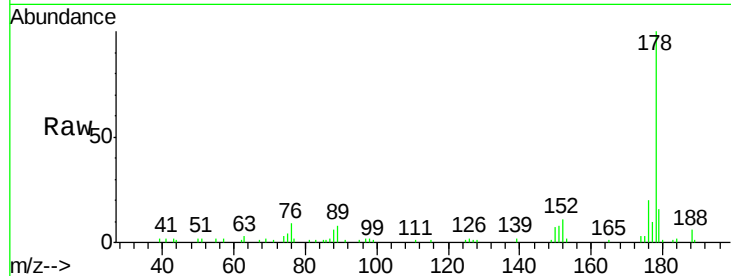
Tgt Ion:178 Resp: 44761

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

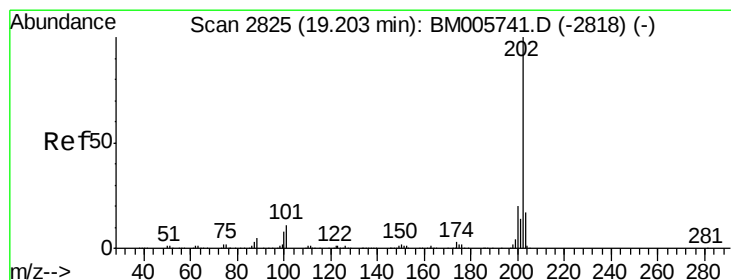
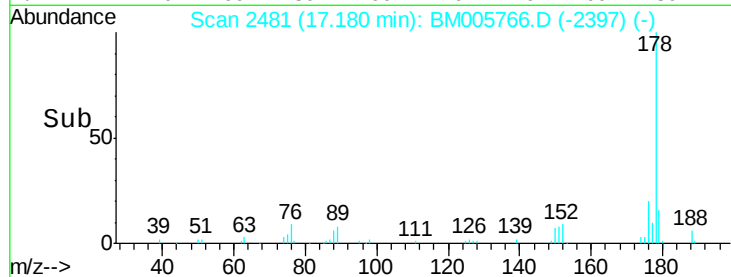
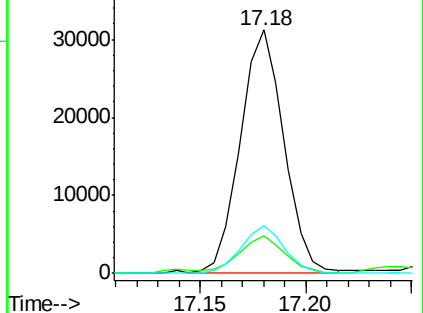
176 19.9 15.8 23.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#28

Fluoranthene

Concen: 1.36 ng/ul

RT: 19.20 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM005766.D

Acq: 13 Jun 2016 01:40

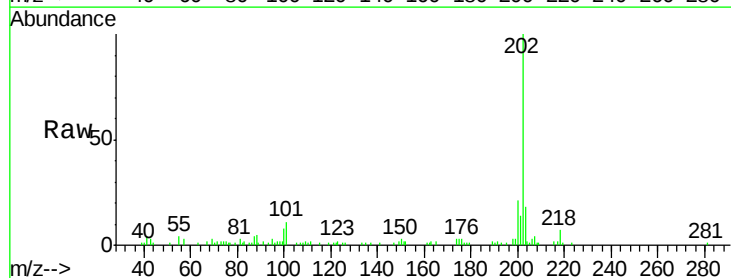
Tgt Ion:202 Resp: 51283

Ion Ratio Lower Upper

202 100

101 11.5 9.4 14.2

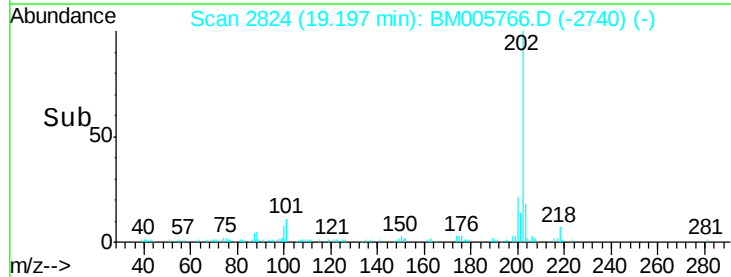
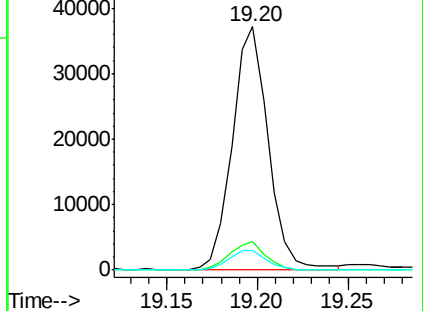
100 8.1 6.9 10.3

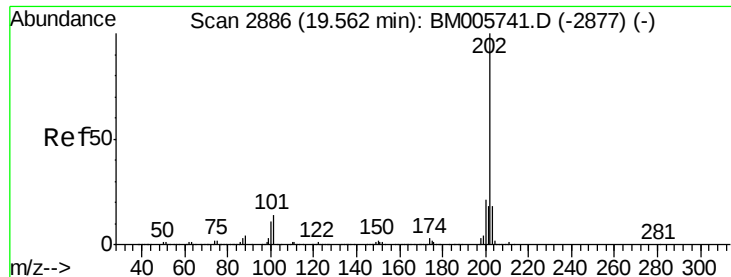


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#31

Pyrene

Concen: 1.64 ng/ul

RT: 19.56 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BM005766.D

Acq: 13 Jun 2016 01:40

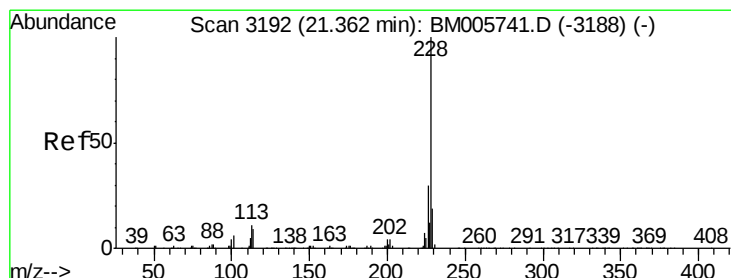
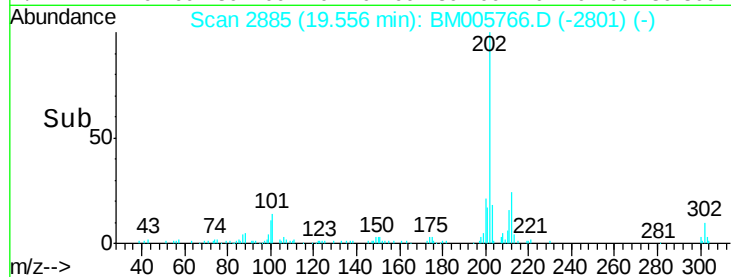
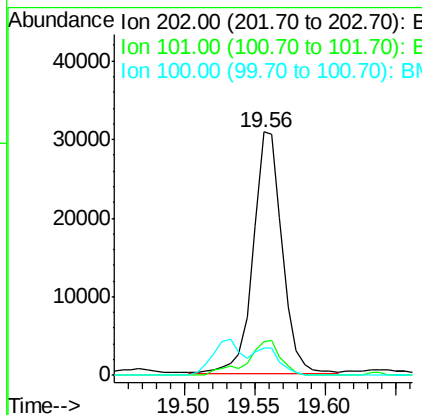
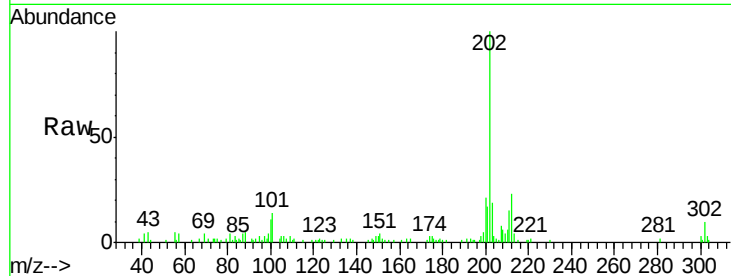
Instrument :

BNA_M

ClientSampleId :

D9Y27

Tgt Ion:	202	Resp:	44981
Ion Ratio	Lower	Upper	
202	100		
101	13.8	10.6	15.8
100	11.0	8.4	12.6



#33

Chrysene

Concen: 1.19 ng/ul

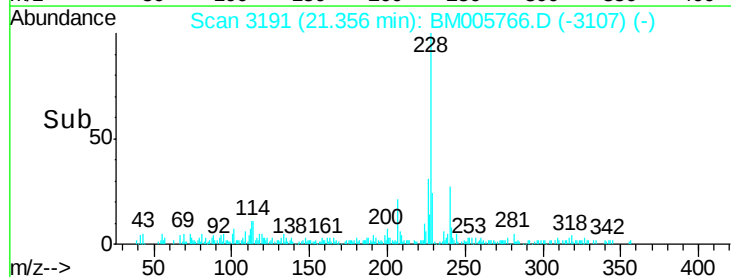
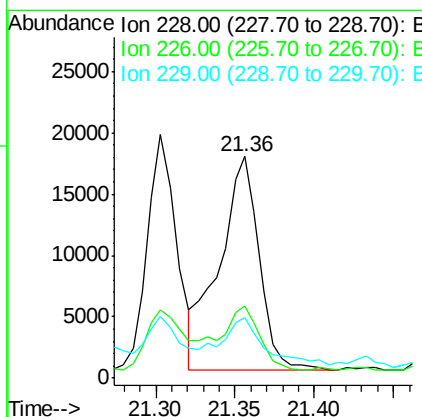
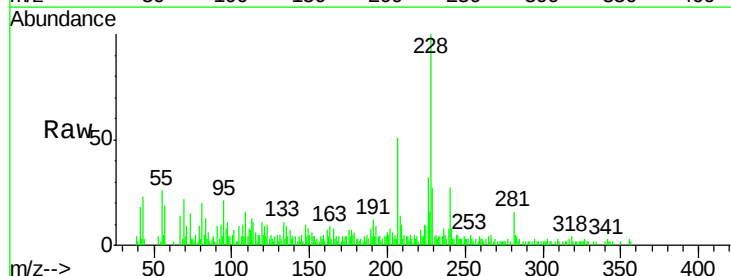
RT: 21.36 min Scan# 3191

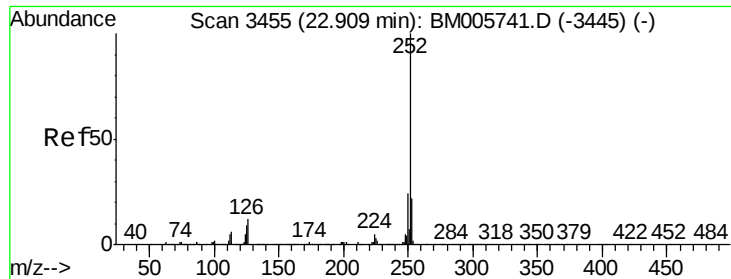
Delta R.T. -0.01 min

Lab File: BM005766.D

Acq: 13 Jun 2016 01:40

Tgt Ion:	228	Resp:	30490
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.2	36.2
229	27.2	15.8	23.8#





#35

Benzo(b)fluoranthene

Concen: 1.67 ng/ul

RT: 22.90 min Scan# 3453

Delta R.T. -0.01 min

Lab File: BM005766.D

Acq: 13 Jun 2016 01:40

Instrument :

BNA_M

ClientSampleId :

D9Y27

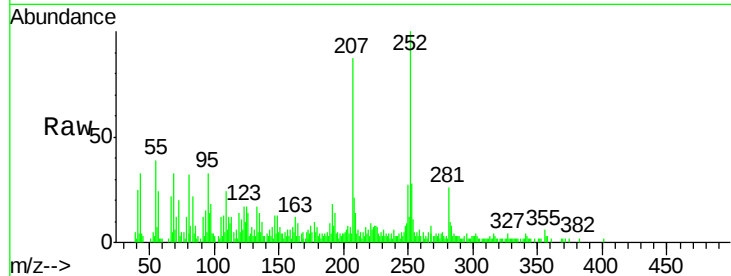
Tgt Ion:252 Resp: 45889

Ion Ratio Lower Upper

252 100

253 27.8 18.2 27.2#

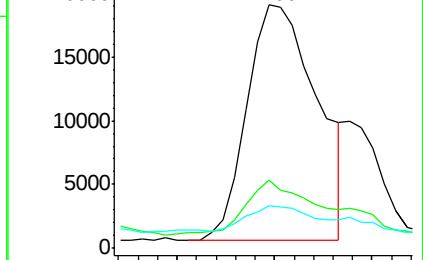
125 17.3 8.4 12.6#



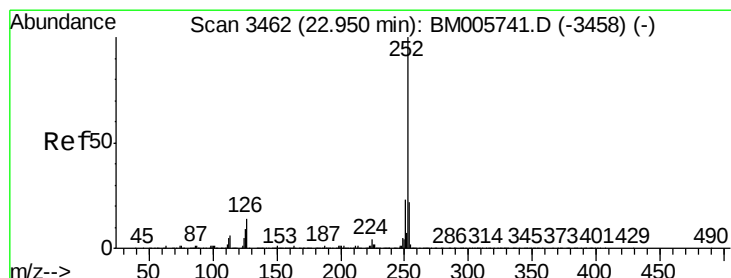
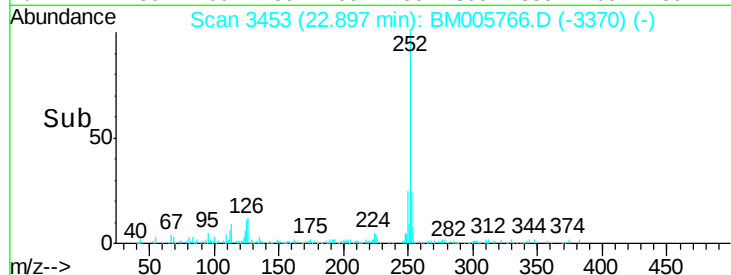
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#36

Benzo(k)fluoranthene

Concen: 1.65 ng/ul

RT: 22.90 min Scan# 3453

Delta R.T. -0.05 min

Lab File: BM005766.D

Acq: 13 Jun 2016 01:40

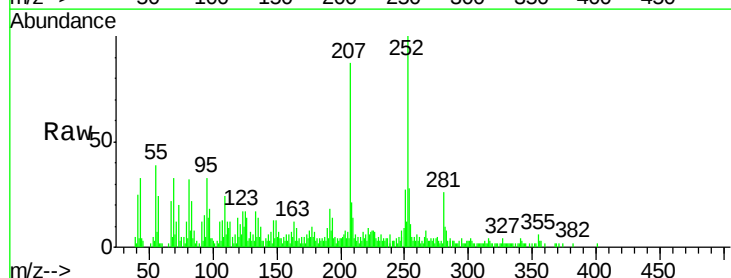
Tgt Ion:252 Resp: 45889

Ion Ratio Lower Upper

252 100

253 27.8 17.5 26.3#

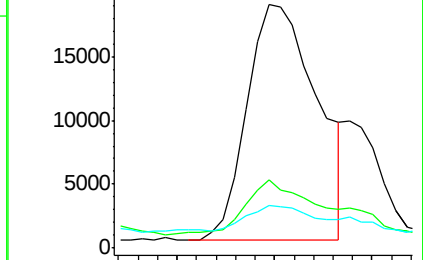
125 17.3 8.2 12.2#



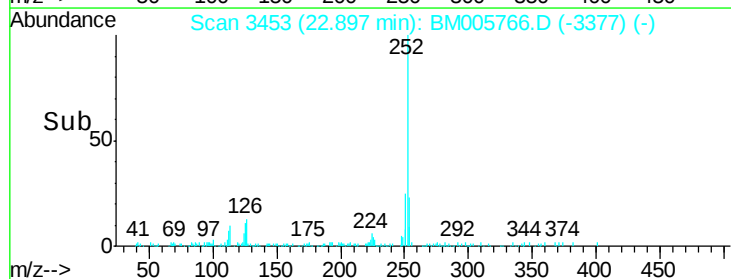
Abundance Ion 252.00 (251.70 to 252.70): E

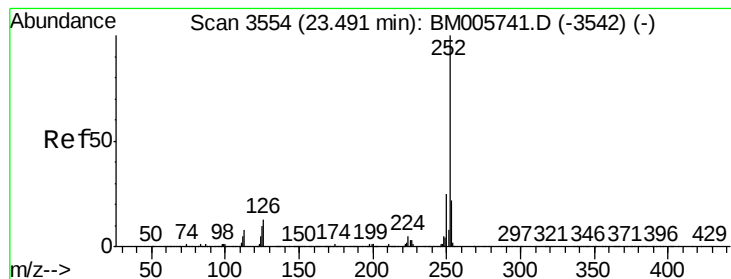
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#38

Benzo(a)pyrene

Concen: 1.05 ng/ul

RT: 23.48 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BM005766.D

Acq: 13 Jun 2016 01:40

Instrument :

BNA_M

ClientSampleId :

D9Y27

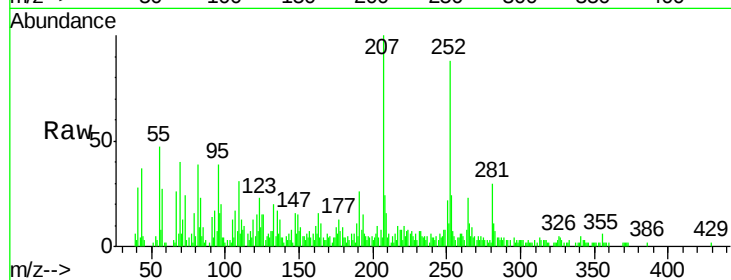
Tgt Ion:252 Resp: 27256

Ion Ratio Lower Upper

252 100

253 27.3 17.7 26.5#

125 17.5 9.1 13.7#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

