

Data Path : Z:\HPCHEM1\BNA M\DATA\BM060716\
 Data File : BM005693.D
 Acq On : 07 Jun 2016 15:32
 Operator : UM/SJ
 Sample : H3412-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XS6

Quant Time: Jun 08 01:34:25 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM060216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 08 01:24:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	115484	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	591562	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	374090	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	877344	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	964092	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	904655	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.20	96	2522	0.92	ng/uL	0.00
3) Phenol-d5	6.93	99	79821	7.86	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	64528	10.44	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	74047	8.84	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	32552	4.05	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	42645	9.39	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	44333	9.12	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	69999	8.10	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	88423	8.61	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	294948	10.26	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	363050	9.71	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	25027	6.08	ng/ul	0.00
21) Fluorene-d10	15.39	176	263463	10.67	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	17140	4.15	ng/ul	0.00
26) Anthracene-d10	17.24	188	402160	9.65	ng/ul	0.00
30) Pyrene-d10	19.54	212	465248	9.60	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	404201	9.71	ng/ul	0.00

Target Compounds

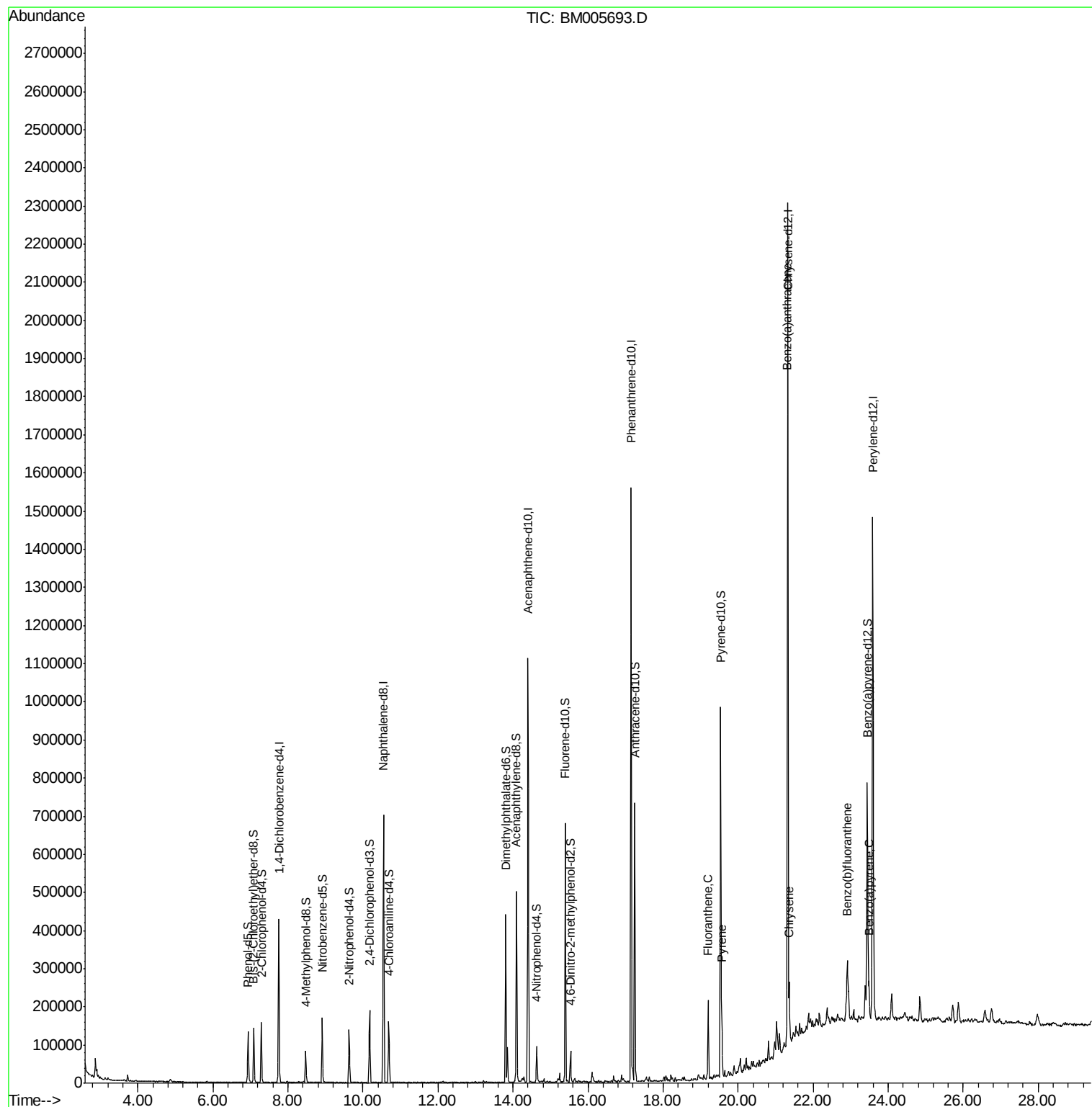
						Ovalue
28) Fluoranthene	19.20	202	117062	2.36	ng/ul	98
31) Pyrene	19.57	202	102973	1.69	ng/ul	97
32) Benzo(a)anthracene	21.32	228	86118	1.52	ng/ul	96
33) Chrysene	21.36	228	90564	1.70	ng/ul	99
35) Benzo(b)fluoranthene	22.91	252	129376	2.37	ng/ul#	98
38) Benzo(a)pyrene	23.49	252	65709	1.25	ng/ul#	96

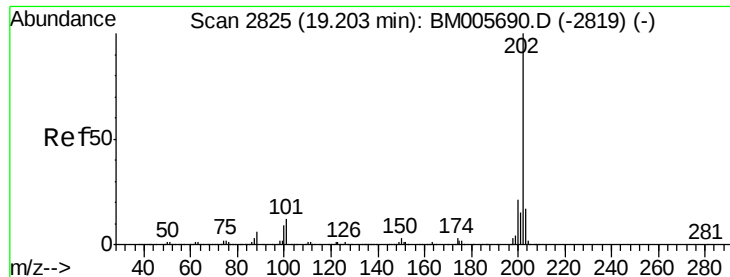
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Fluoranthene

Concen: 2.36 ng/ul

RT: 19.20 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM005693.D

Acq: 07 Jun 2016 15:32

Instrument :

BNA_M

ClientSampleId :

D9XS6

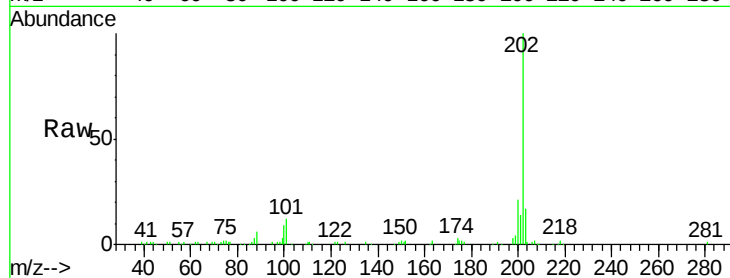
Tot Ion:202 Resp: 117062

Ion Ratio Lower Upper

202 100

101 12.0 8.9 13.3

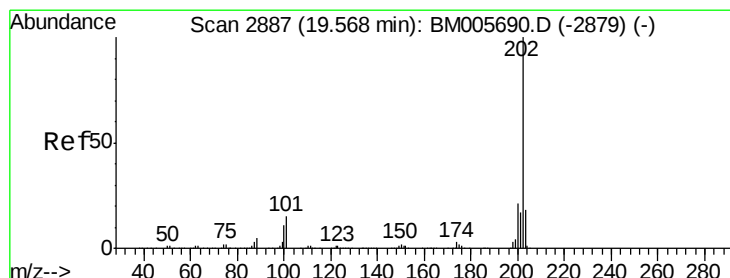
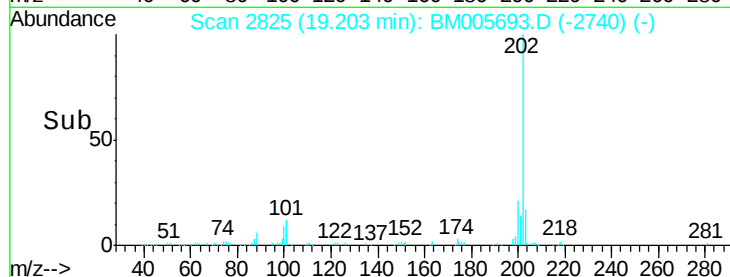
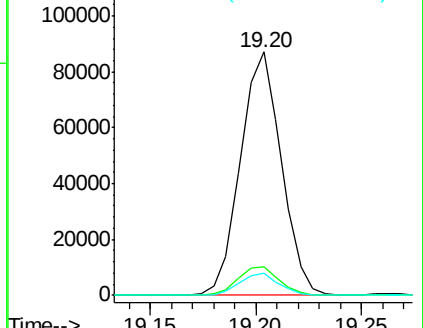
100 8.9 7.0 10.4



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: 1.69 ng/ul

RT: 19.57 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BM005693.D

Acq: 07 Jun 2016 15:32

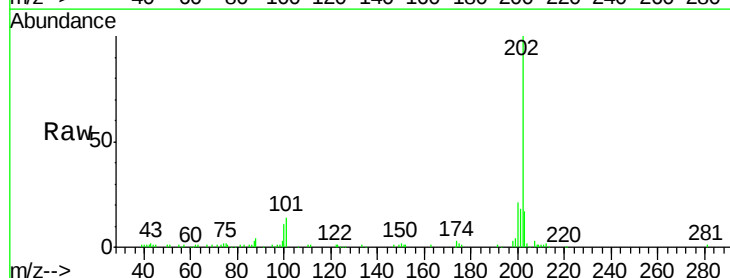
Tgt Ion:202 Resp: 102973

Ion Ratio Lower Upper

202 100

101 13.6 9.8 14.8

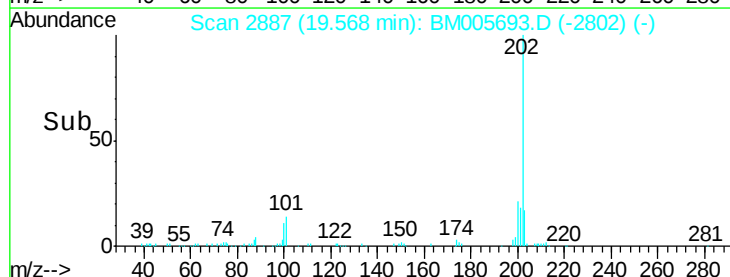
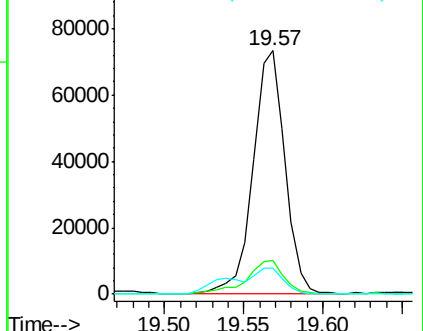
100 10.7 9.3 13.9

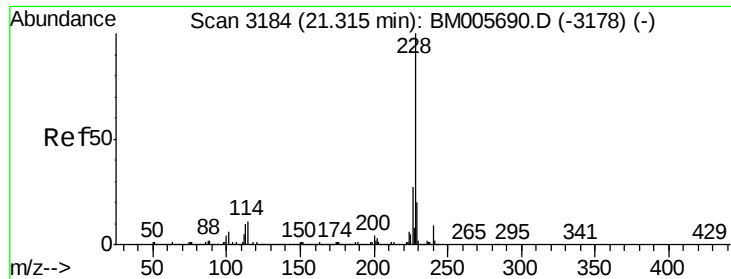


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#32

Benzo(a)anthracene

Concen: 1.52 ng/ul

RT: 21.32 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BM005693.D

Acq: 07 Jun 2016 15:32

Instrument :

BNA_M

ClientSampleId :

D9XS6

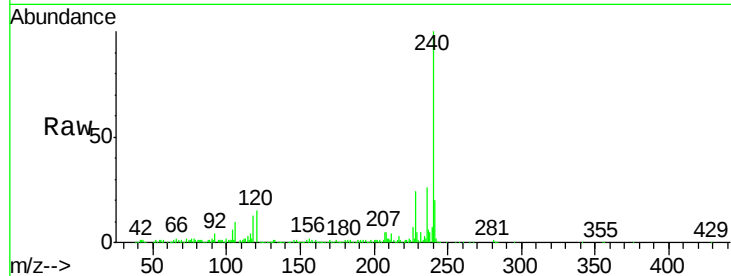
Tot Ion:228 Resp: 86118

Ion Ratio Lower Upper

228 100

229 20.1 16.6 25.0

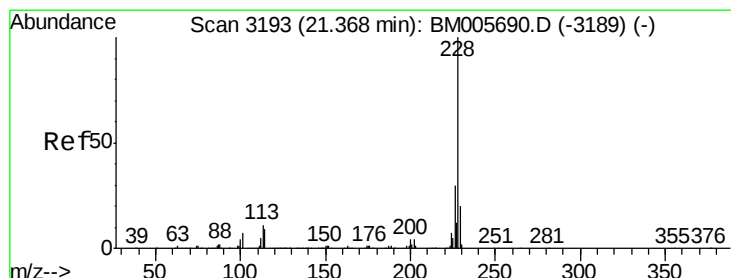
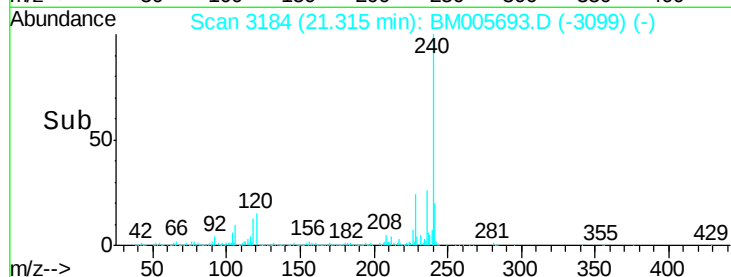
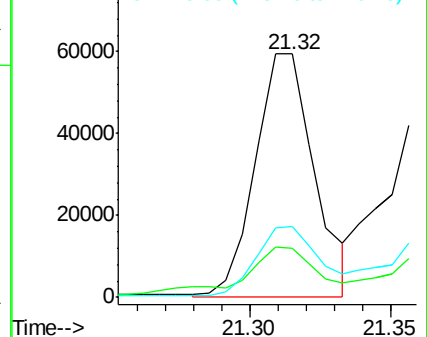
226 29.3 21.0 31.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#33

Chrysene

Concen: 1.70 ng/ul

RT: 21.36 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BM005693.D

Acq: 07 Jun 2016 15:32

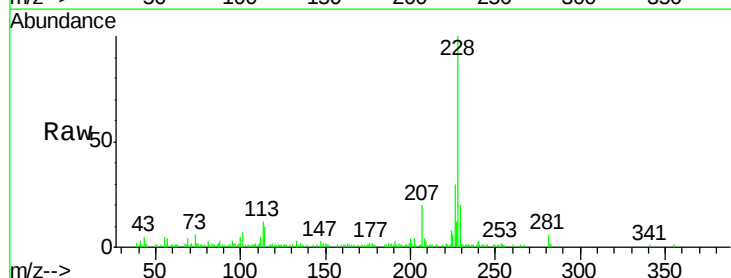
Tgt Ion:228 Resp: 90564

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.2

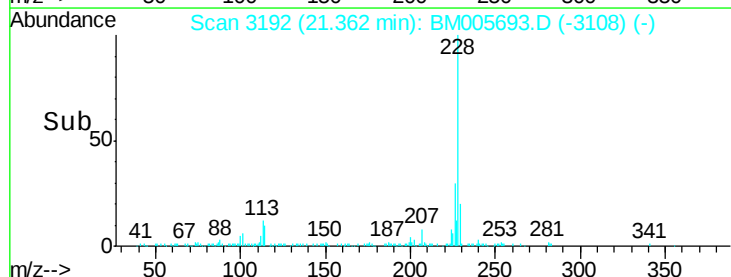
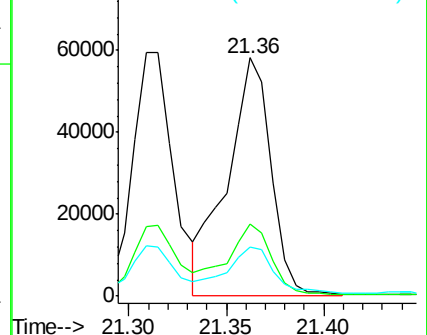
229 20.4 16.2 24.2

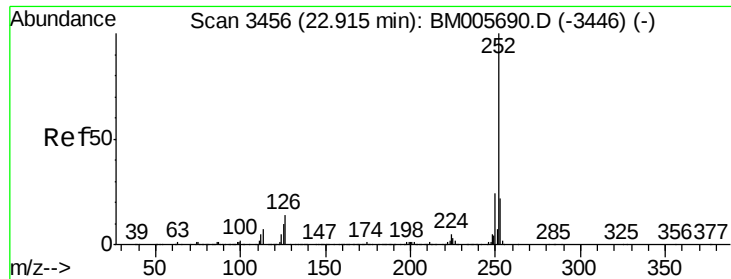


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#35

Benzo(b)fluoranthene

Concen: 2.37 ng/ul

RT: 22.91 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM005693.D

Acq: 07 Jun 2016 15:32

Instrument :

BNA_M

ClientSampleId :

D9XS6

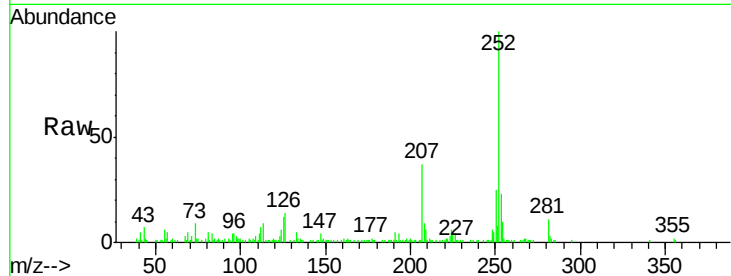
Tot Ion:252 Resp: 129376

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

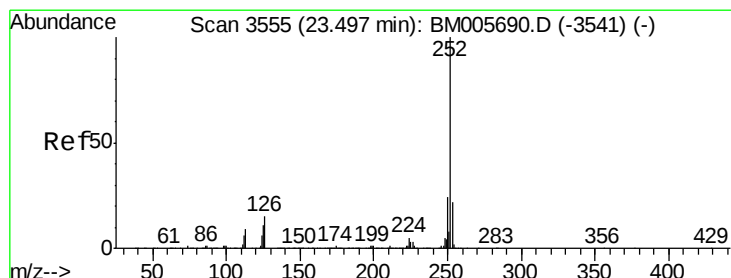
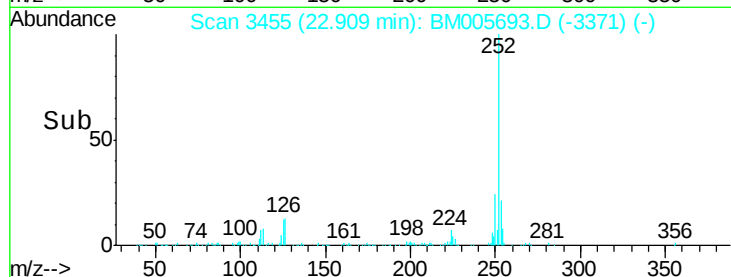
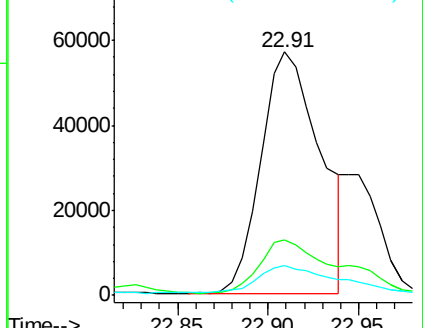
125 12.3 7.6 11.4#



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



#38

Benzo(a)pyrene

Concen: 1.25 ng/ul

RT: 23.49 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BM005693.D

Acq: 07 Jun 2016 15:32

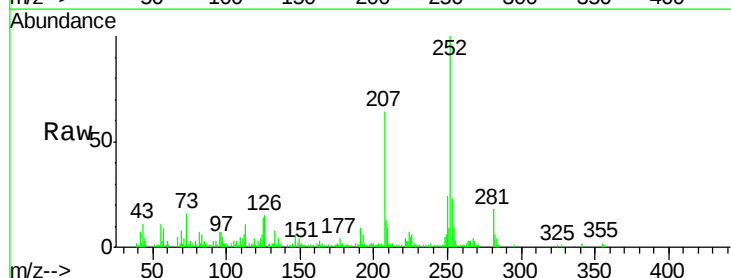
Tgt Ion:252 Resp: 65709

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 13.8 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

