

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031516\
 Data File : BM004605.D
 Acq On : 15 Mar 2016 19:34
 Operator : UM/SJ
 Sample : H1710-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-SS-E70

Quant Time: Mar 16 05:57:09 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 16 05:57:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	69878	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	304173	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	170661	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	384024	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	438653	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	432294	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	5162	2.55	ng/uL	0.00
5) Phenol-d5	7.00	99	102664	17.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	60720	18.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	83927	18.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	76770	16.59	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	35380	16.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	37366	16.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	79555	17.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	87955	16.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	242348	18.17	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	297482	18.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	31928	12.38	ng/ul	0.00
58) Fluorene-d10	15.47	176	223886	19.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	22840	11.32	ng/ul	0.00
71) Anthracene-d10	17.32	188	340931	19.28	ng/ul	0.00
79) Pyrene-d10	19.61	212	382899	19.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	374130	19.38	ng/ul	0.00

Target Compounds

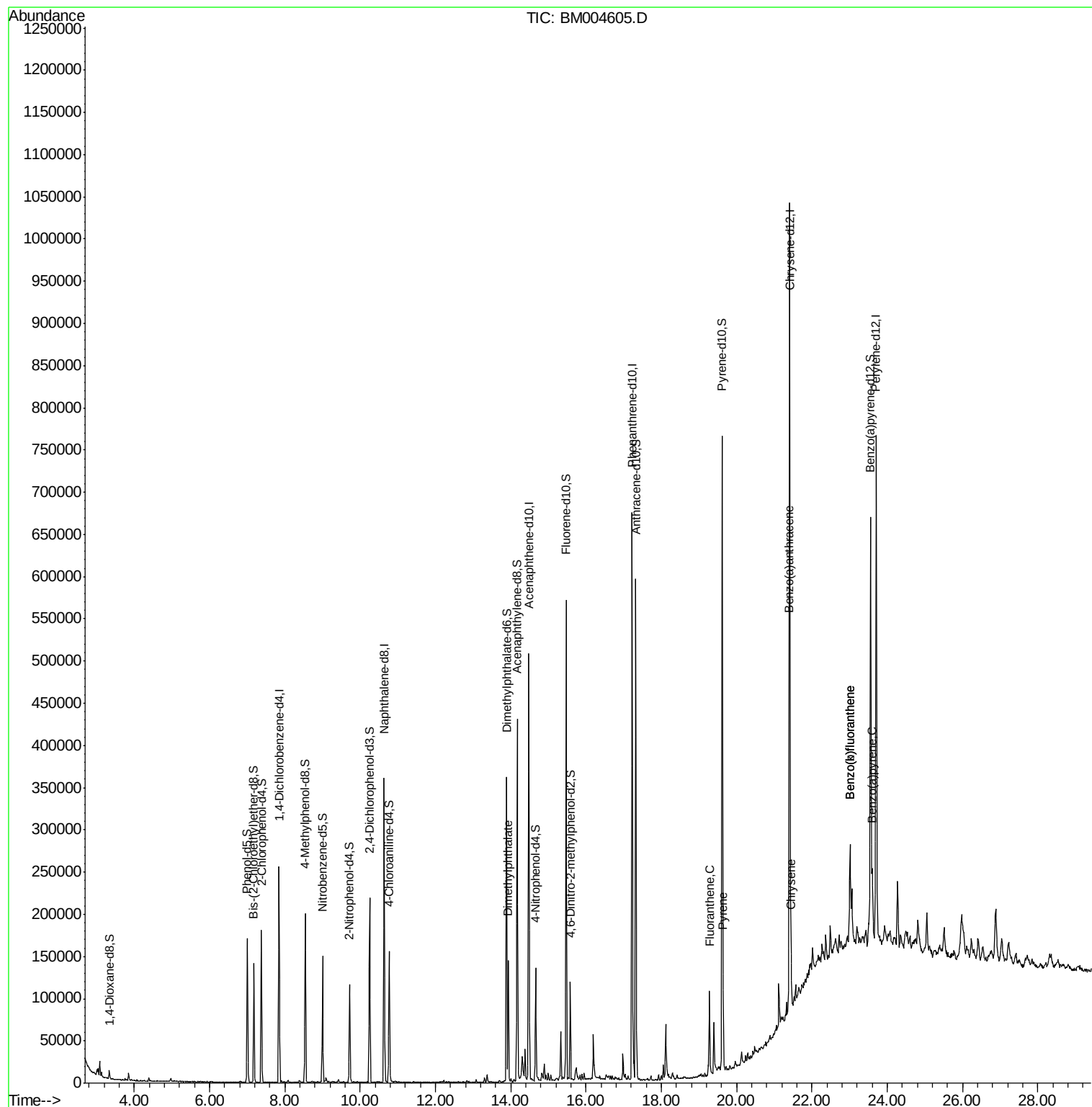
						Ovalue
45) Dimethylphthalate	13.93	163	91567	6.76	ng/ul	100
77) Fluoranthene	19.27	202	51769	2.14	ng/ul	99
80) Pyrene	19.64	202	50365	1.89	ng/ul	96
83) Benzo(a)anthracene	21.39	228	30803	1.20	ng/ul	97
85) Chrysene	21.44	228	30042	1.23	ng/ul	97
88) Benzo(b)fluoranthene	23.01	252	45965	1.78	ng/ul#	88
89) Benzo(k)fluoranthene	23.01	252	45965	1.88	ng/ul#	87
91) Benzo(a)pyrene	23.60	252	27562	1.12	ng/ul#	87

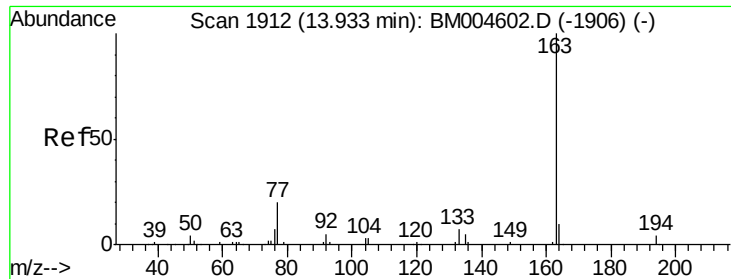
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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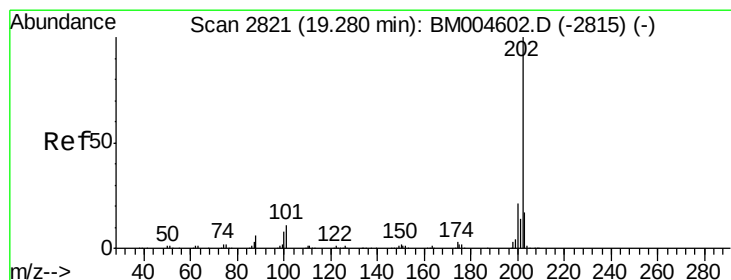
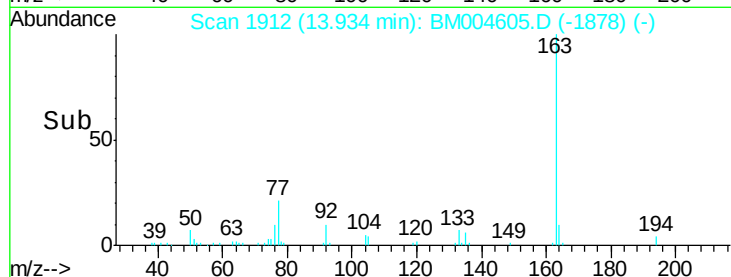
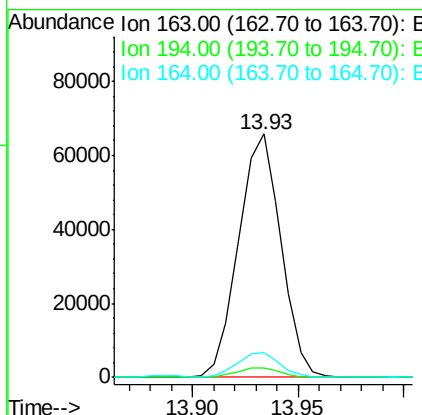
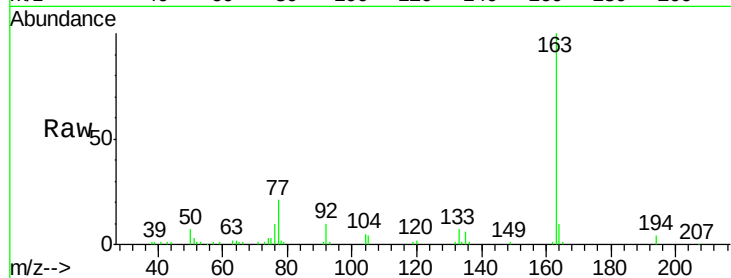




#45
Dimethylphthalate
Concen: 6.76 ng/ul
RT: 13.93 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM004605.D
Acq: 15 Mar 2016 19:34

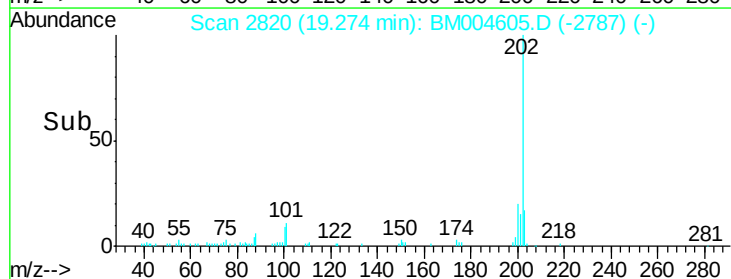
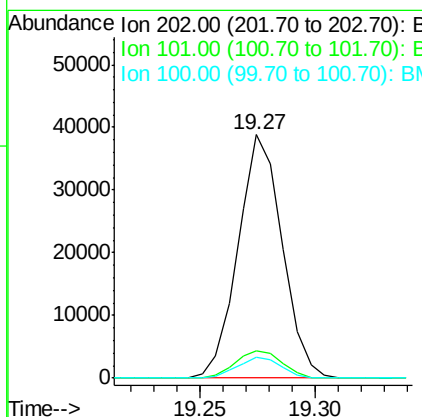
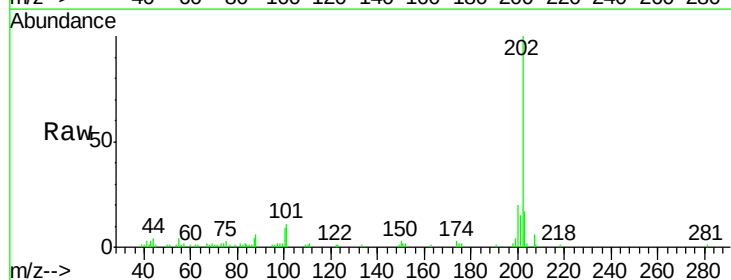
Instrument :
BNA_M
ClientSampleId :
MS-SS-E70

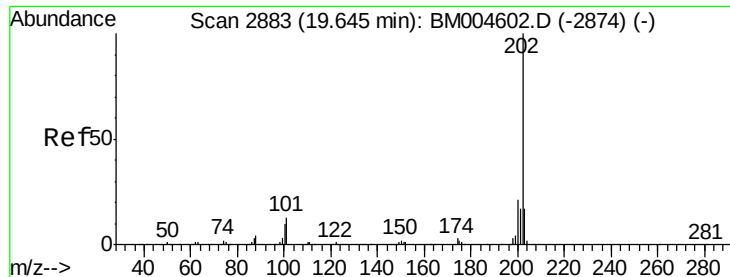
Tot Ion:163 Resp: 91567
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 7.8 11.8



#77
Fluoranthene
Concen: 2.14 ng/ul
RT: 19.27 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM004605.D
Acq: 15 Mar 2016 19:34

Tgt Ion:202 Resp: 51769
Ion Ratio Lower Upper
202 100
101 11.1 8.8 13.2
100 8.6 6.6 9.8

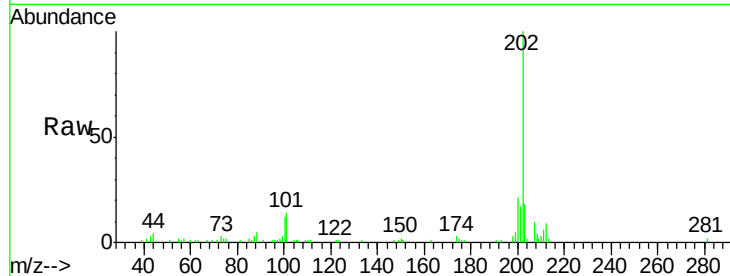




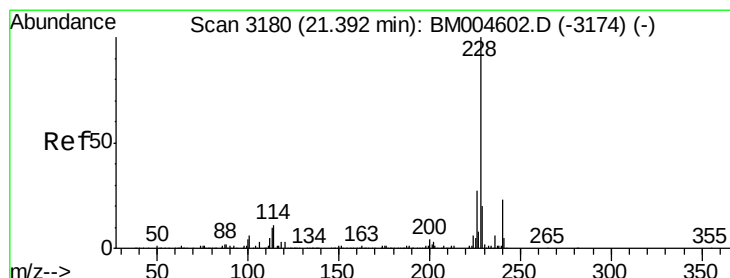
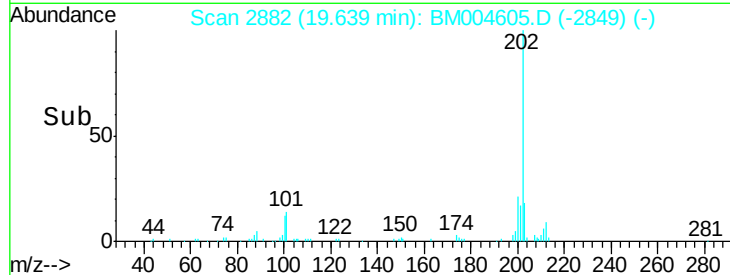
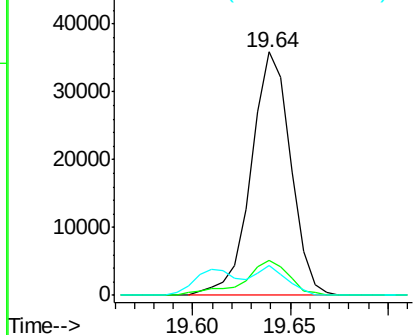
#80
 Pvrene
 Concen: 1.89 ng/ul
 RT: 19.64 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BM004605.D
 Acq: 15 Mar 2016 19:34

Instrument :
 BNA_M
 ClientSampleId :
 MS-SS-E70

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.2	15.2
100	12.2	8.5	12.7

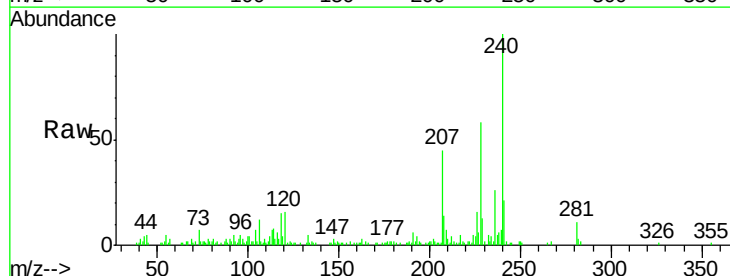


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

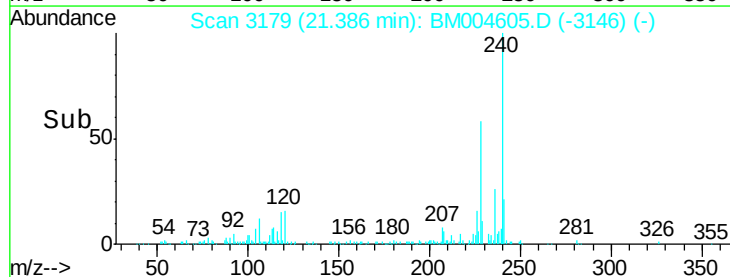
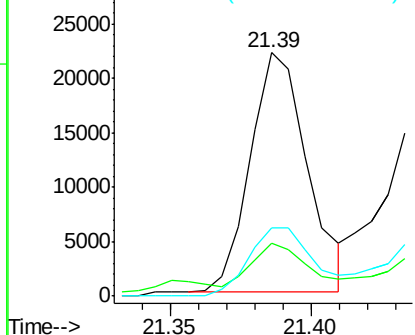


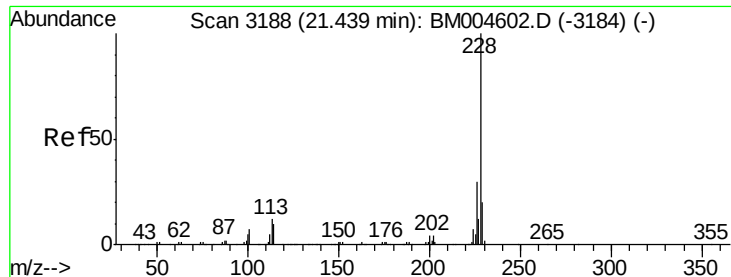
#83
 Benzo(a)anthracene
 Concen: 1.20 ng/ul
 RT: 21.39 min Scan# 3179
 Delta R.T. -0.01 min
 Lab File: BM004605.D
 Acq: 15 Mar 2016 19:34

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.7	23.5
226	28.1	21.8	32.6



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





#85

Chrysene

Concen: 1.23 ng/ul

RT: 21.44 min Scan# 3188

Delta R.T. 0.00 min

Lab File: BM004605.D

Acq: 15 Mar 2016 19:34

Instrument :

BNA_M

ClientSampled :

MS-SS-E70

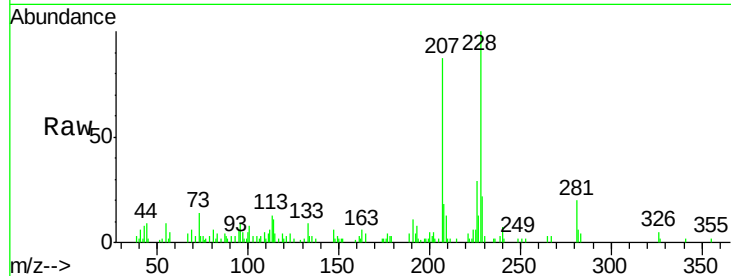
Tot Ion:228 Resp: 30042

Ion Ratio Lower Upper

228 100

226 28.8 24.0 36.0

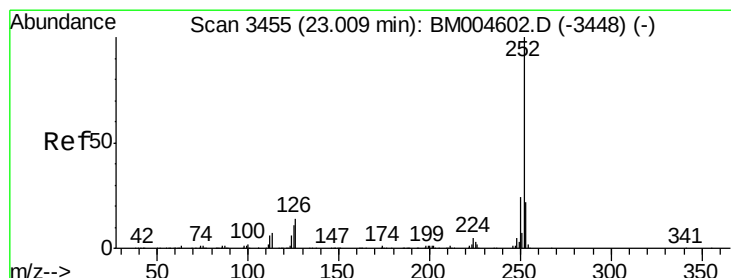
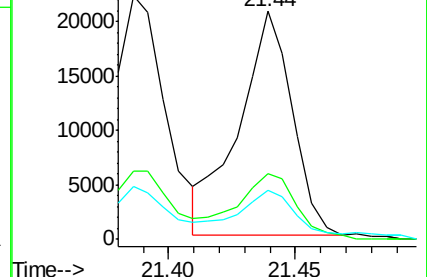
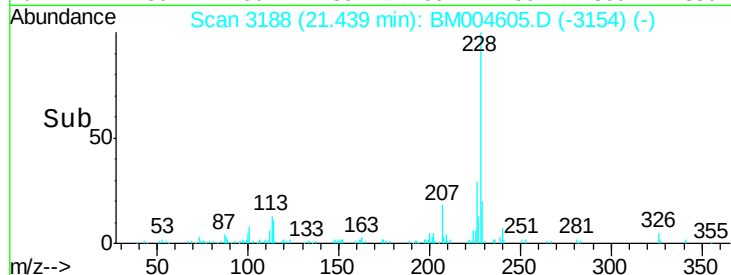
229 21.6 15.6 23.4



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



#88

Benzo(b)fluoranthene

Concen: 1.78 ng/ul

RT: 23.01 min Scan# 3455

Delta R.T. 0.00 min

Lab File: BM004605.D

Acq: 15 Mar 2016 19:34

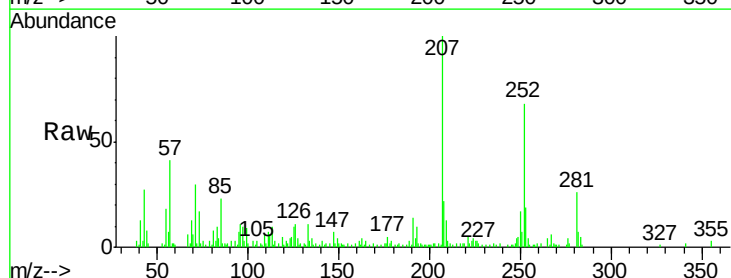
Tgt Ion:252 Resp: 45965

Ion Ratio Lower Upper

252 100

253 27.7 17.5 26.3#

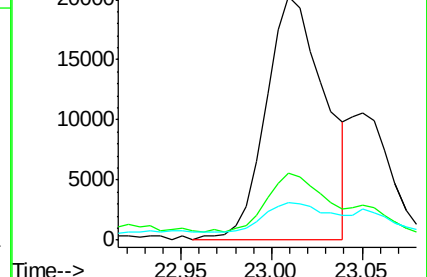
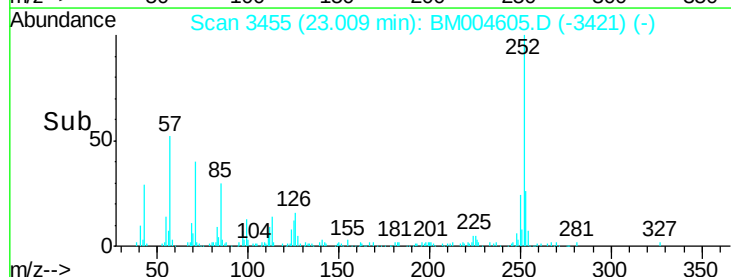
125 15.2 8.5 12.7#

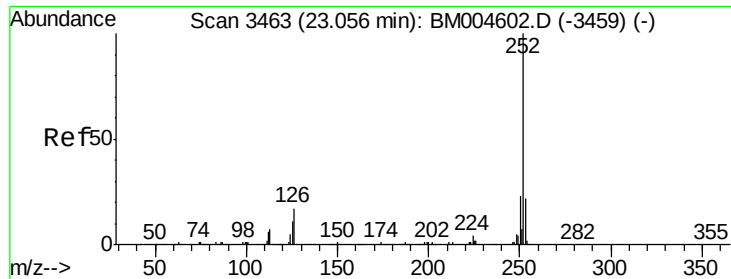


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.88 ng/ul

RT: 23.01 min Scan# 3455

Delta R.T. -0.05 min

Lab File: BM004605.D

Acq: 15 Mar 2016 19:34

Instrument :

BNA_M

ClientSampled :

MS-SS-E70

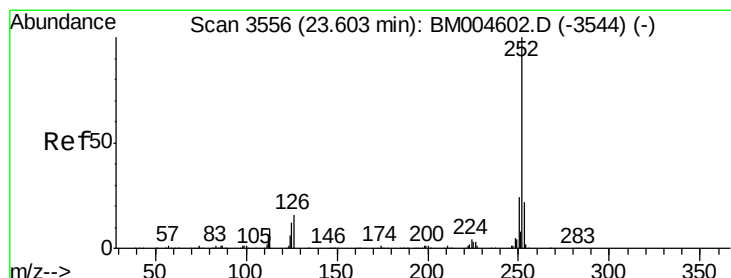
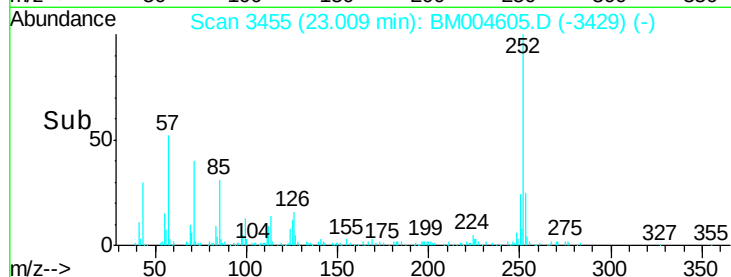
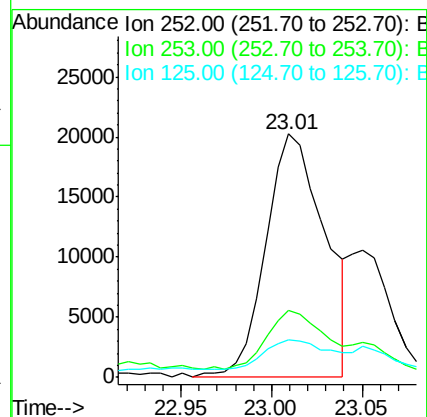
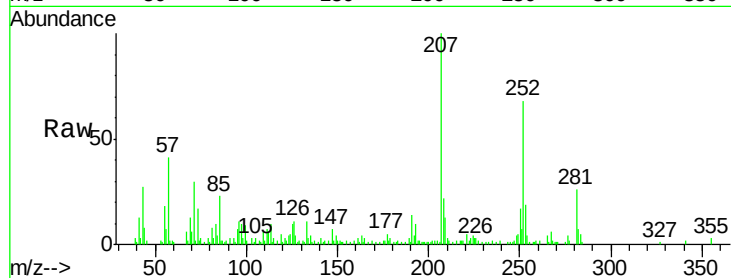
Tot Ion:252 Resp: 45965

Ion Ratio Lower Upper

252 100

253 27.7 17.3 25.9#

125 15.2 8.2 12.2#



#91

Benzo(a)pyrene

Concen: 1.12 ng/ul

RT: 23.60 min Scan# 3556

Delta R.T. 0.00 min

Lab File: BM004605.D

Acq: 15 Mar 2016 19:34

Tgt Ion:252 Resp: 27562

Ion Ratio Lower Upper

252 100

253 26.9 17.2 25.8#

125 17.7 9.0 13.6#

