

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031516\
 Data File : BM004610.D
 Acq On : 15 Mar 2016 22:35
 Operator : UM/SJ
 Sample : H1710-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-SS-D70

Quant Time: Mar 16 05:57:52 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	68251	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	300813	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	171734	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	380337	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	431896	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	416679	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	4784	2.42	ng/uL	0.00
5) Phenol-d5	7.00	99	91544	16.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	56737	17.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	76045	16.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	68373	15.12	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	33061	15.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	35365	15.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	72596	16.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	85258	16.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	230197	17.15	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	284381	17.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	27632	10.65	ng/ul	0.00
58) Fluorene-d10	15.47	176	209904	17.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	20937	10.47	ng/ul	0.00
71) Anthracene-d10	17.22	188	380337	21.72	ng/ul	-0.10
79) Pyrene-d10	19.61	212	351177	17.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	319284	17.16	ng/ul	0.00

Target Compounds

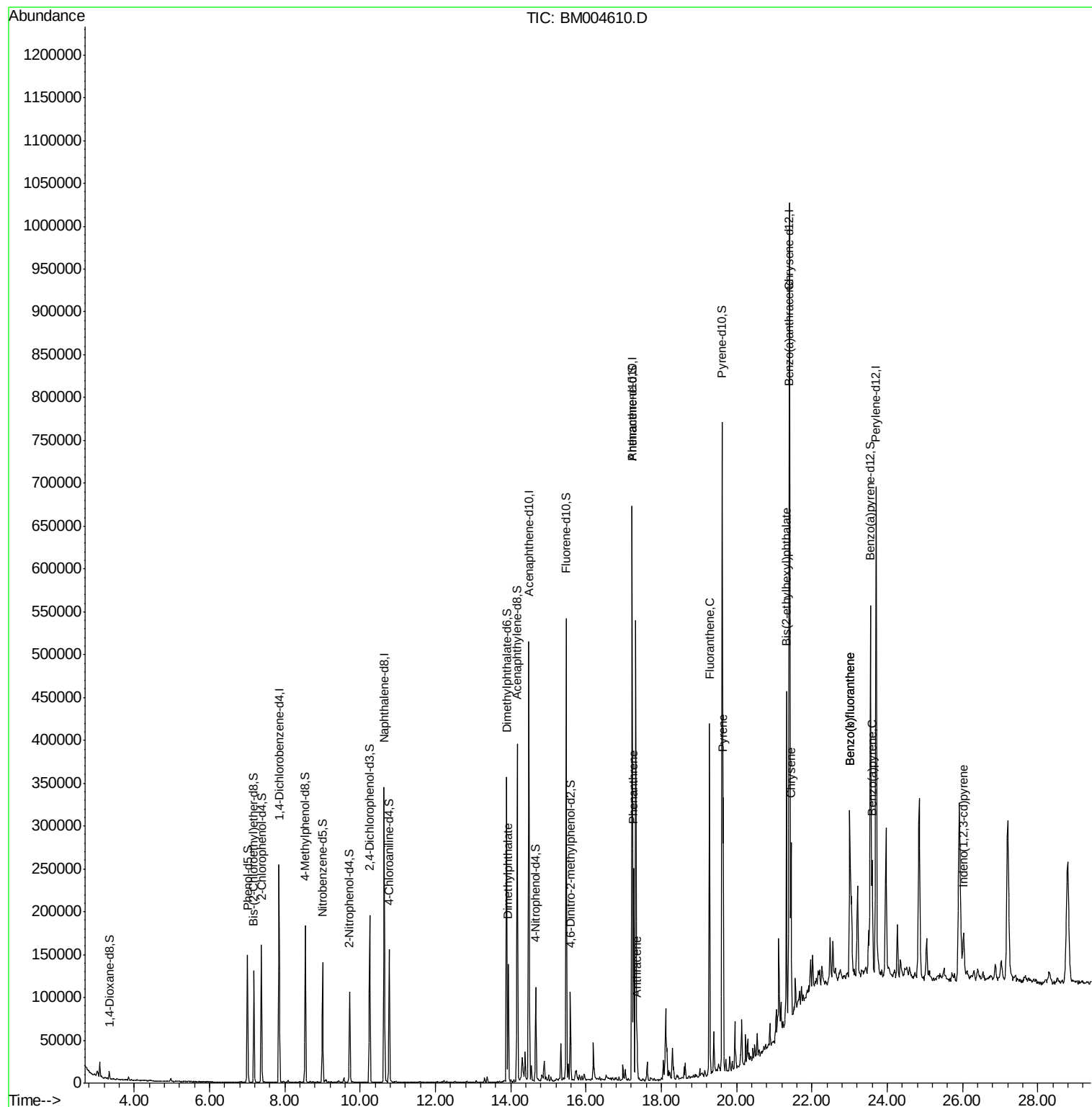
						Ovalue
45) Dimethylphthalate	13.93	163	87365	6.41	ng/ul	100
70) Phenanthrene	17.26	178	148769	6.85	ng/ul	99
72) Anthracene	17.35	178	27884	1.27	ng/ul	99
77) Fluoranthene	19.27	202	240202	10.01	ng/ul	98
80) Pyrene	19.64	202	186961	7.14	ng/ul	97
83) Benzo(a)anthracene	21.39	228	110329	4.38	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.32	149	128643	8.64	ng/ul	99
85) Chrysene	21.44	228	105593	4.39	ng/ul	97
88) Benzo(b)fluoranthene	23.01	252	137714	5.54	ng/ul	98
89) Benzo(k)fluoranthene	23.01	252	137714	5.83	ng/ul	97
91) Benzo(a)pyrene	23.60	252	67664	2.84	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.03	276	48815	1.82	ng/ul	93

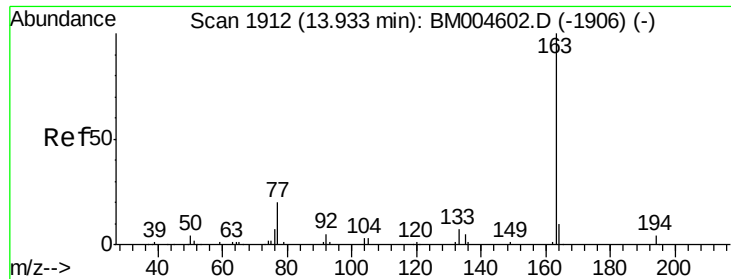
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 16 05:57:50 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 6.41 ng/ul

RT: 13.93 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BM004610.D

Acq: 15 Mar 2016 22:35

Instrument :

BNA_M

ClientSampleId :

MS-SS-D70

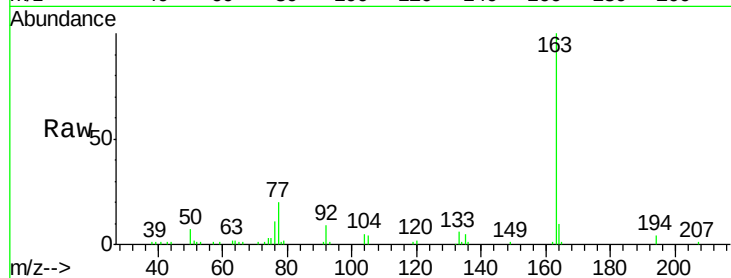
Tot Ion:163 Resp: 87365

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

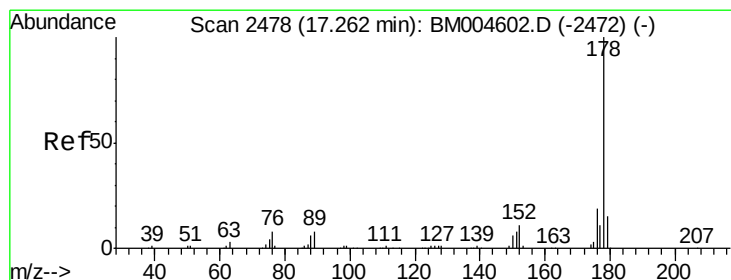
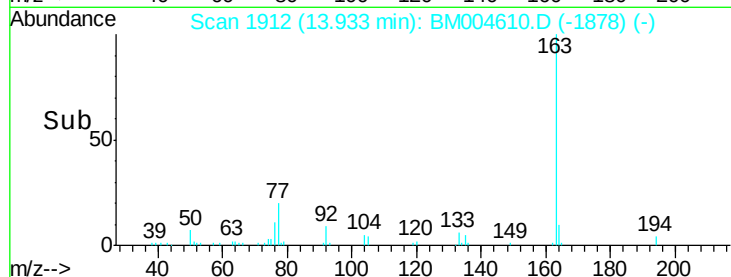
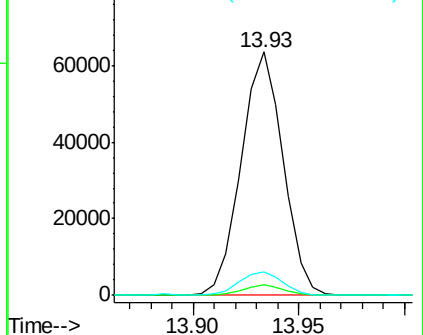
164 9.7 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70

Phenanthrene

Concen: 6.85 ng/ul

RT: 17.26 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BM004610.D

Acq: 15 Mar 2016 22:35

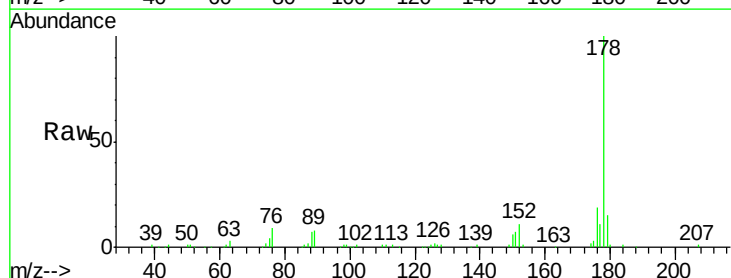
Tgt Ion:178 Resp: 148769

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

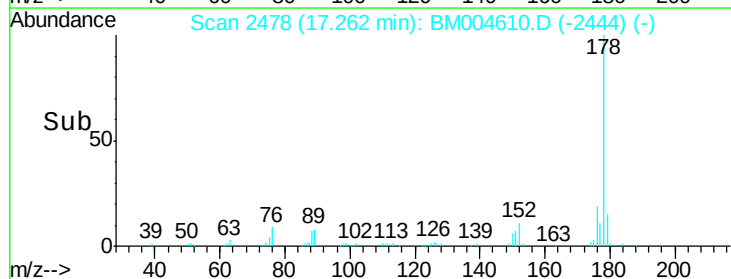
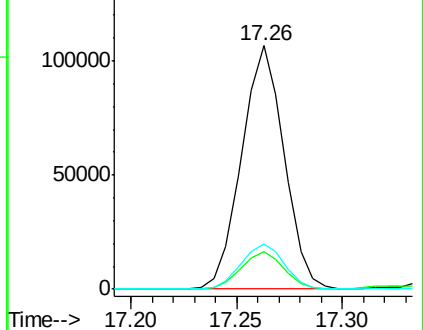
176 18.6 15.6 23.4

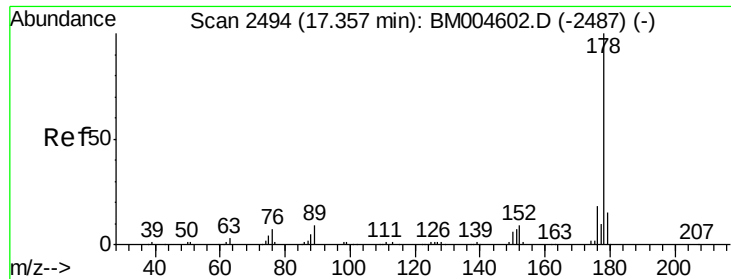


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

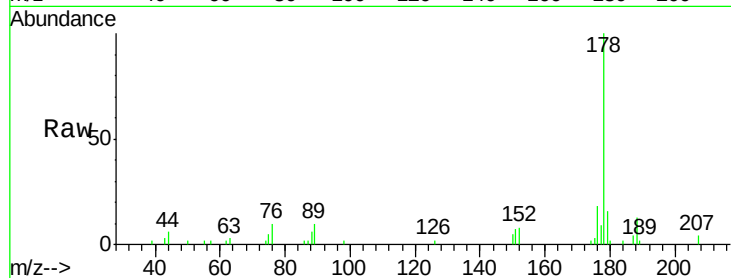




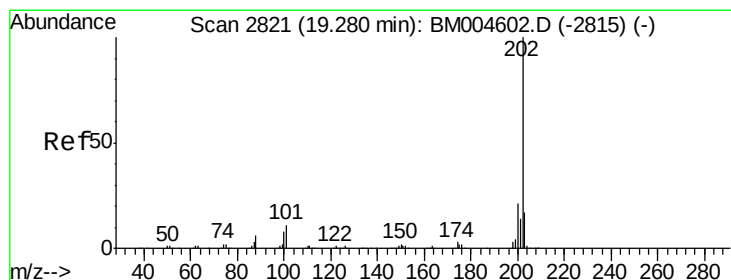
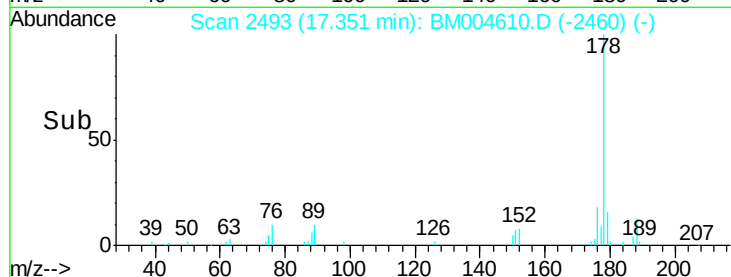
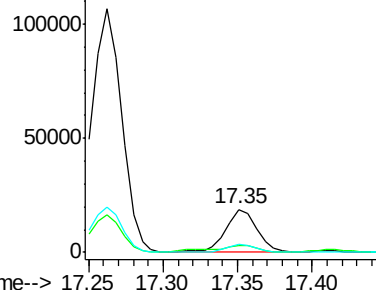
#72
 Anthracene
 Concen: 1.27 ng/ul
 RT: 17.35 min Scan# 2493
 Delta R.T. -0.01 min
 Lab File: BM004610.D
 Acq: 15 Mar 2016 22:35

Instrument :
 BNA_M
 ClientSampleId :
 MS-SS-D70

Tot Ion:178 Resp: 27884
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.1 18.1
 176 18.3 14.8 22.2

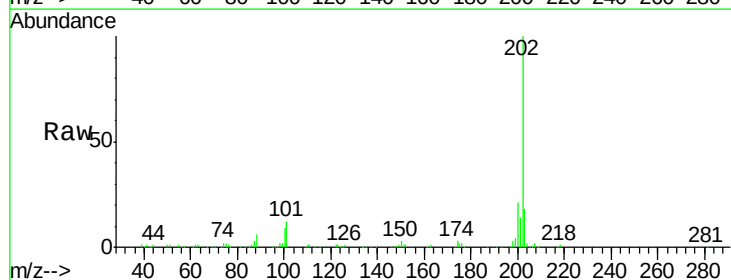


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

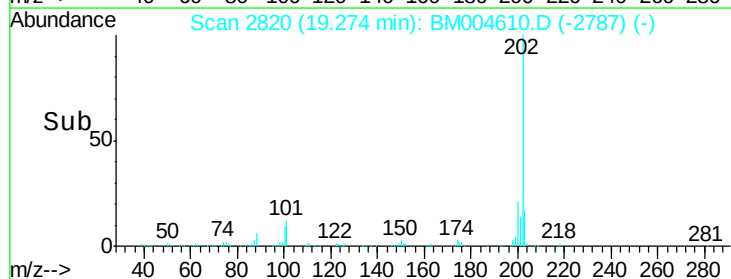
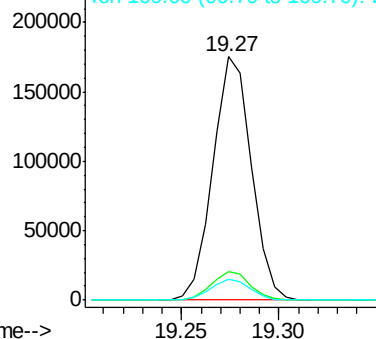


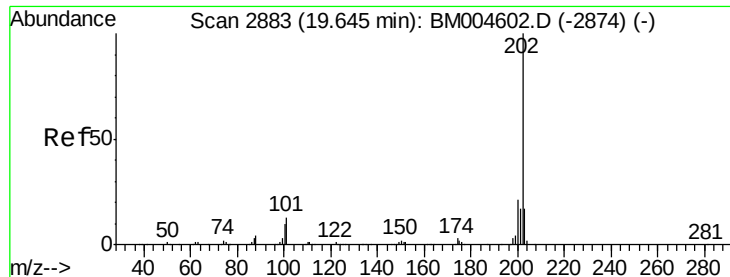
#77
 Fluoranthene
 Concen: 10.01 ng/ul
 RT: 19.27 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BM004610.D
 Acq: 15 Mar 2016 22:35

Tgt Ion:202 Resp: 240202
 Ion Ratio Lower Upper
 202 100
 101 12.0 8.8 13.2
 100 8.8 6.6 9.8



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

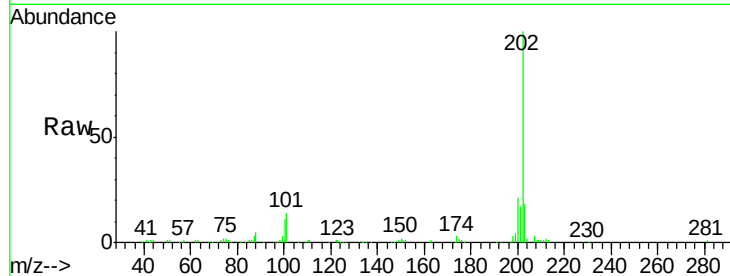




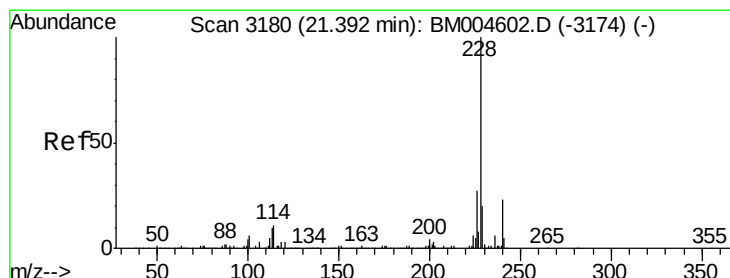
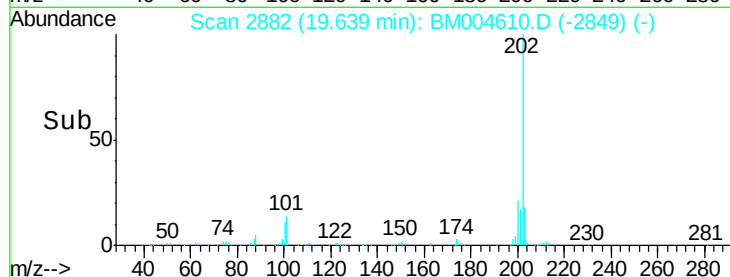
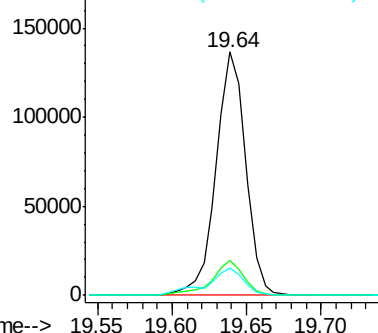
#80
Pvrene
Concen: 7.14 ng/ul
RT: 19.64 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BM004610.D
Acq: 15 Mar 2016 22:35

Instrument :
BNA_M
ClientSampleId :
MS-SS-D70

Tot Ion:202 Resp: 186961
Ion Ratio Lower Upper
202 100
101 14.1 10.2 15.2
100 11.1 8.5 12.7

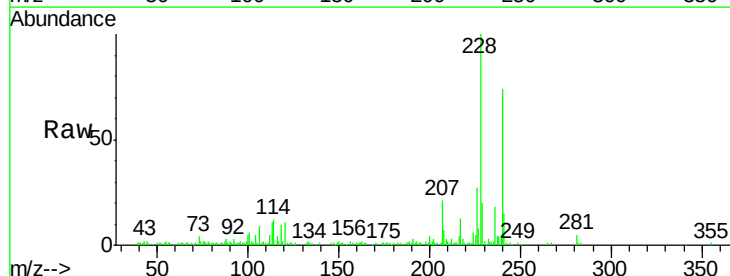


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

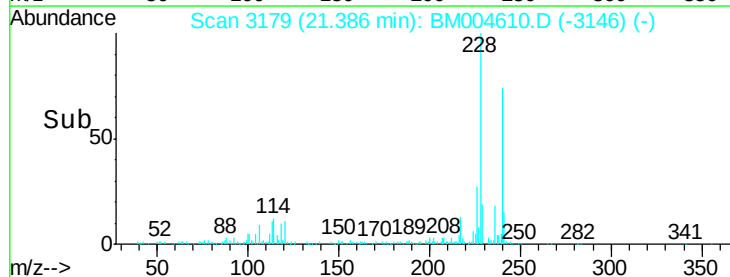
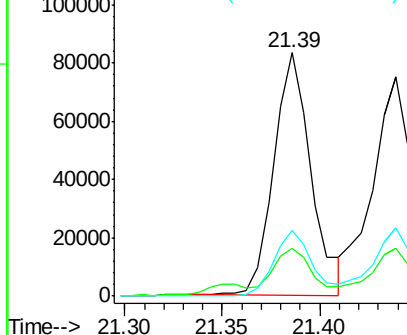


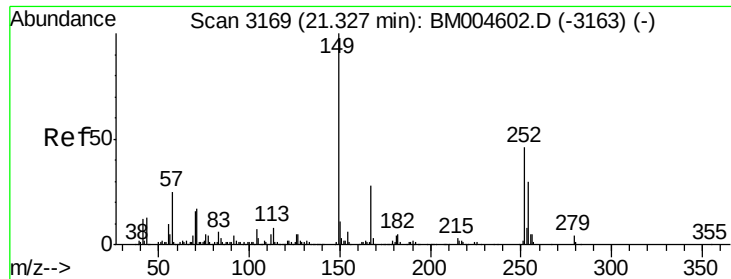
#83
Benzo(a)anthracene
Concen: 4.38 ng/ul
RT: 21.39 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BM004610.D
Acq: 15 Mar 2016 22:35

Tgt Ion:228 Resp: 110329
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.0 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

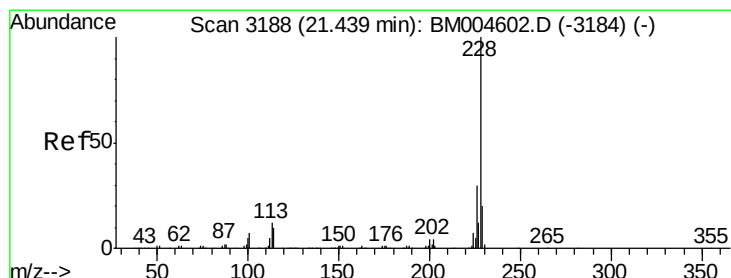
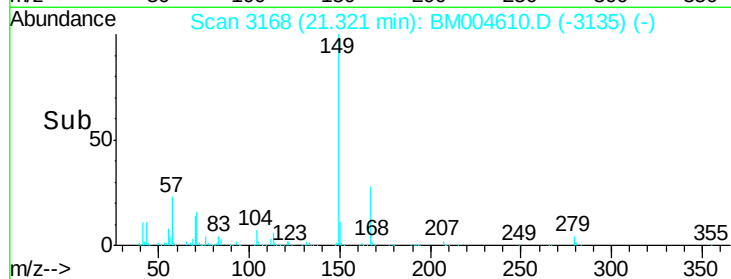
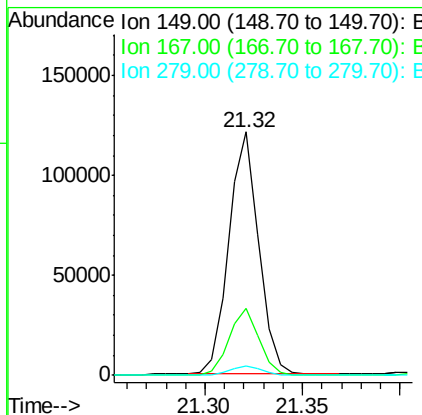
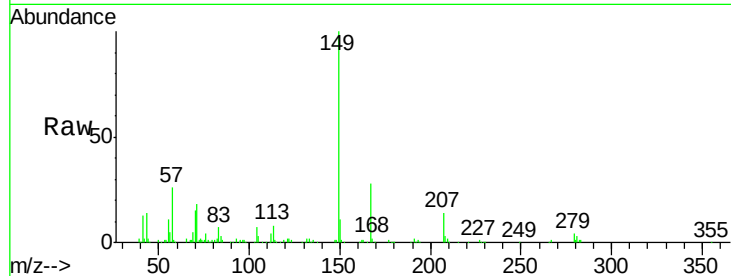




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.64 ng/ul
 RT: 21.32 min Scan# 3168
 Delta R.T. -0.01 min
 Lab File: BM004610.D
 Acq: 15 Mar 2016 22:35

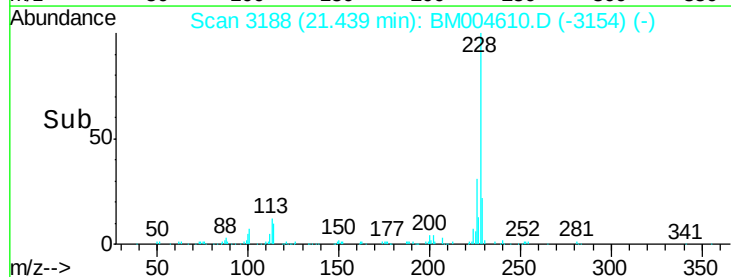
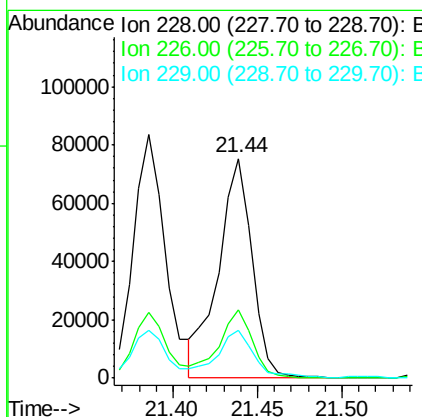
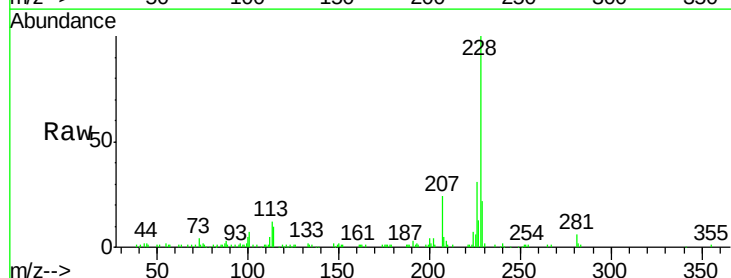
Instrument :
 BNA_M
 ClientSampleId :
 MS-SS-D70

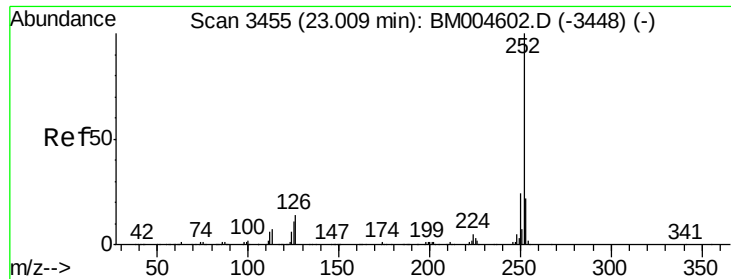
Tot Ion:149 Resp: 128643
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.6 32.4
 279 4.0 3.0 4.4



#85
 Chrysene
 Concen: 4.39 ng/ul
 RT: 21.44 min Scan# 3188
 Delta R.T. 0.00 min
 Lab File: BM004610.D
 Acq: 15 Mar 2016 22:35

Tgt Ion:228 Resp: 105593
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.0 36.0
 229 21.9 15.6 23.4





#88

Benzo(b)fluoranthene

Concen: 5.54 ng/ul

RT: 23.01 min Scan# 3455

Delta R.T. 0.00 min

Lab File: BM004610.D

Acq: 15 Mar 2016 22:35

Instrument :

BNA_M

ClientSampleId :

MS-SS-D70

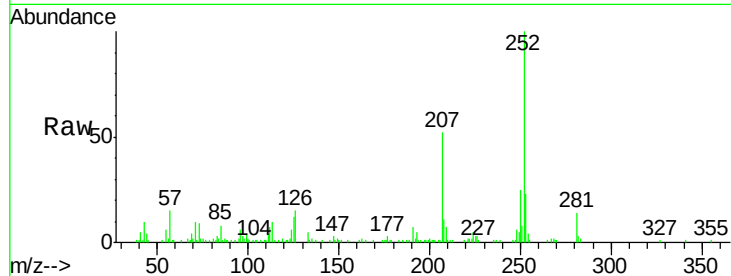
Tot Ion:252 Resp: 137714

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

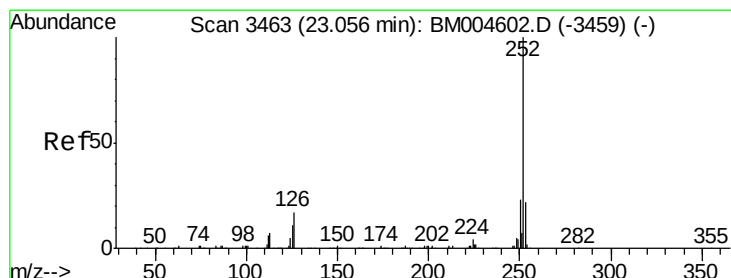
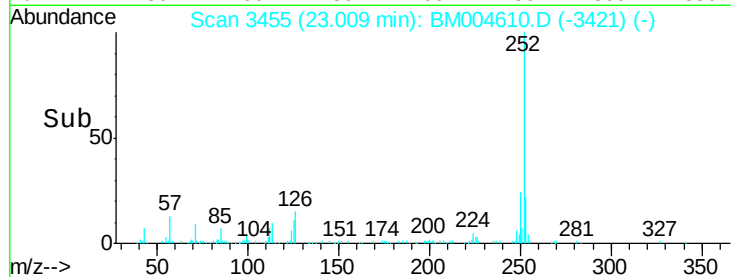
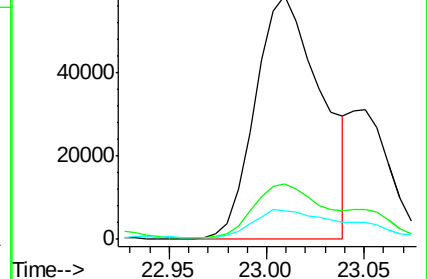
125 11.7 8.5 12.7



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: 5.83 ng/ul

RT: 23.01 min Scan# 3455

Delta R.T. -0.05 min

Lab File: BM004610.D

Acq: 15 Mar 2016 22:35

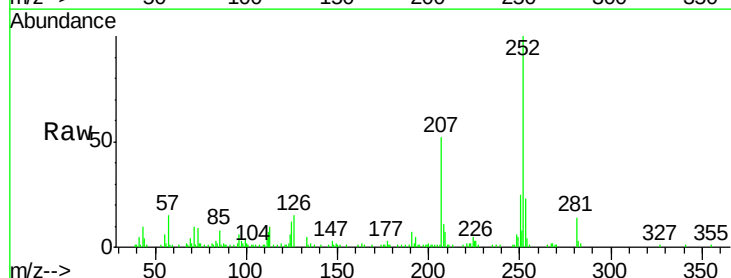
Tgt Ion:252 Resp: 137714

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

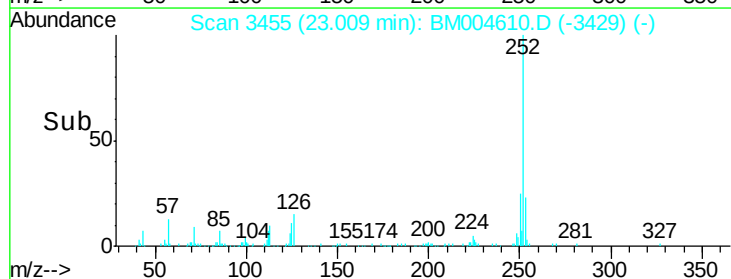
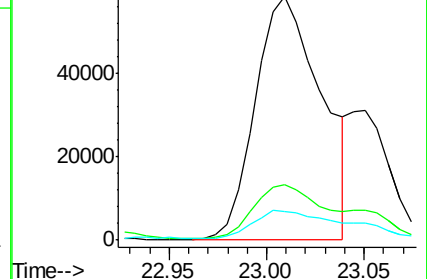
125 11.7 8.2 12.2

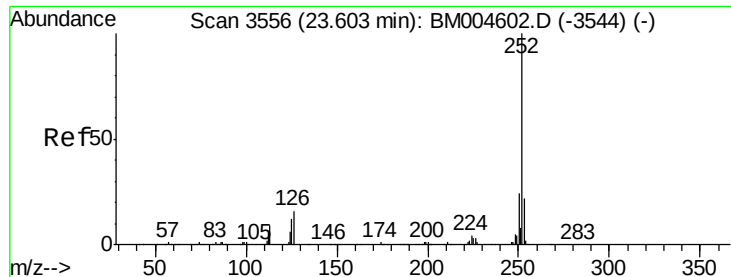


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.84 ng/ul

RT: 23.60 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BM004610.D

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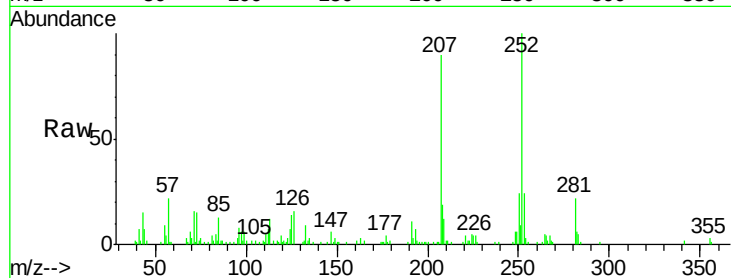
Tot Ion:252 Resp: 67664

Ion Ratio Lower Upper

252 100

253 23.9 17.2 25.8

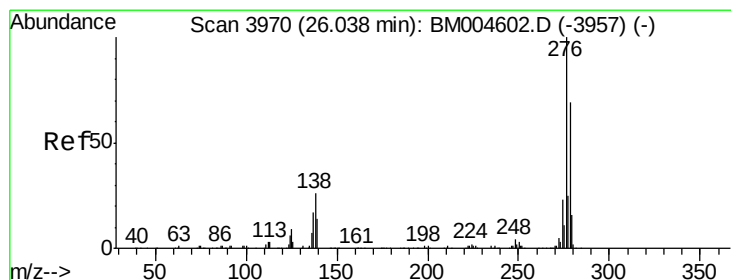
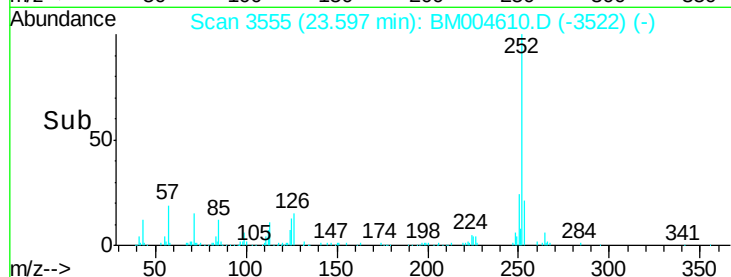
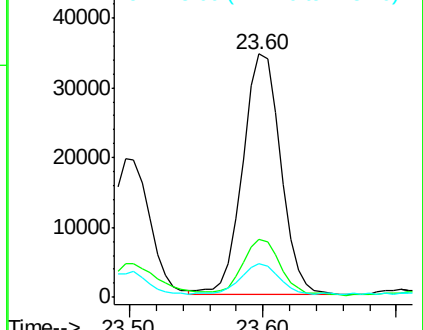
125 13.9 9.0 13.6#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.82 ng/ul

RT: 26.03 min Scan# 3968

Delta R.T. -0.01 min

Lab File: BM004610.D

Acq: 15 Mar 2016 22:35

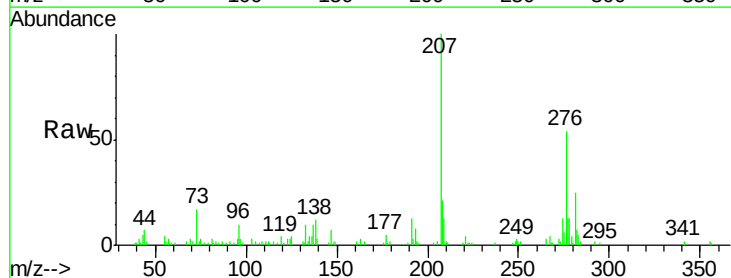
Tgt Ion:276 Resp: 48815

Ion Ratio Lower Upper

276 100

138 22.5 22.3 33.5

277 23.5 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

