

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012185.D
 Acq On : 15 Oct 2017 00:05
 Operator : SJ/JU
 Sample : I5522-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC0

Quant Time: Oct 15 06:27:41 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 06:19:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	173511	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	790174	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	551269	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1300813	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1403097	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	1083779	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	12384	3.39	ng/uL	0.00
5) Phenol-d5	6.98	99	304271	21.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	178416	21.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	272352	22.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	253409	20.91	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	138501	22.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	168017	23.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	335266	24.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	224798	17.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	1267538	26.02	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1518915	25.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	130373	17.80	ng/ul	0.00
57) Fluorene-d10	15.46	176	1036573	25.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	194085	21.74	ng/ul	0.00
70) Anthracene-d10	17.31	188	1652410	25.69	ng/ul	0.00
76) Pyrene-d10	19.60	212	2039958	28.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	1486792	28.46	ng/ul	0.00

Target Compounds

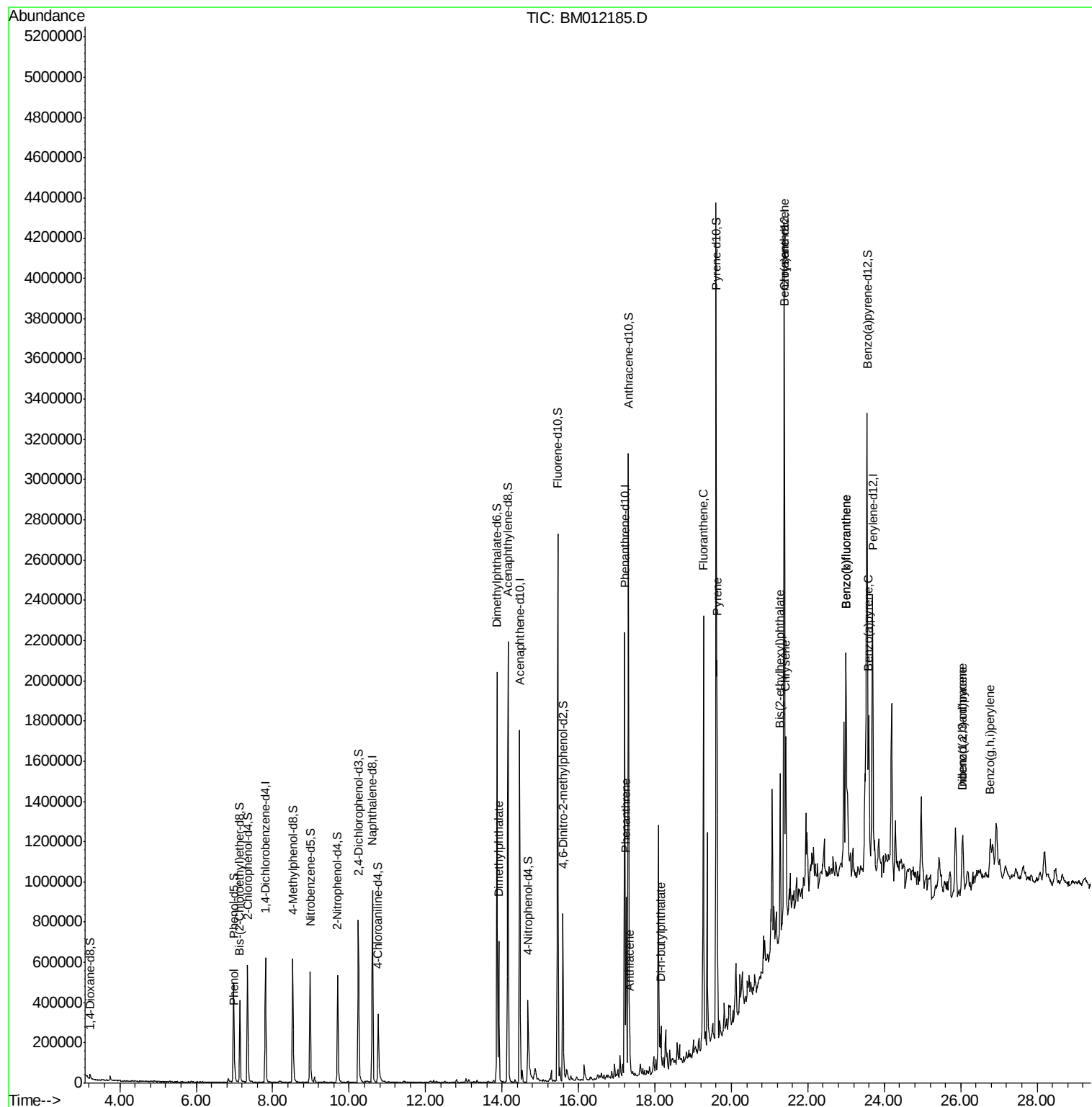
						Ovalue
6) Phenol	7.00	94	15694	1.08	ng/ul	97
44) Dimethylphthalate	13.92	163	437764	8.97	ng/ul	99
69) Phenanthrene	17.25	178	504051	6.81	ng/ul	99
71) Anthracene	17.34	178	102484	1.34	ng/ul	99
73) Di-n-butylphthalate	18.16	149	138441	1.54	ng/ul#	97
74) Fluoranthene	19.27	202	1250099	14.00	ng/ul#	94
77) Pyrene	19.63	202	1113560	12.02	ng/ul#	94
80) Benzo(a)anthracene	21.37	228	620123	6.79	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.28	149	261809	4.23	ng/ul	96
82) Chrysene	21.42	228	558930	6.52	ng/ul	98
85) Benzo(b)fluoranthene	23.00	252	680970	9.63	ng/ul#	96
86) Benzo(k)fluoranthene	23.00	252	680970	9.99	ng/ul#	94
88) Benzo(a)pyrene	23.59	252	481736	7.23	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.05	276	273971	3.87	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.06	278	68625	1.15	ng/ul#	87
91) Benzo(g,h,i)perylene	26.78	276	244215	4.21	ng/ul#	92

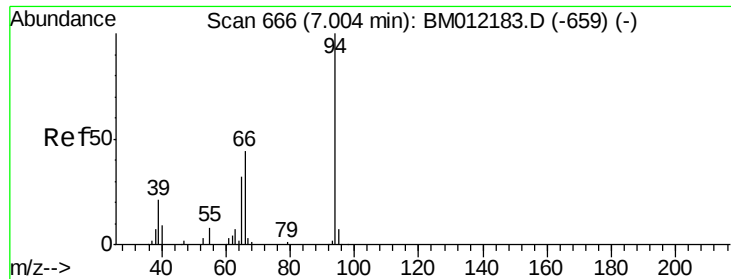
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.08 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM012185.D

Acq: 15 Oct 2017 00:05

Instrument :

BNA_M

ClientSampled :

C0AC0

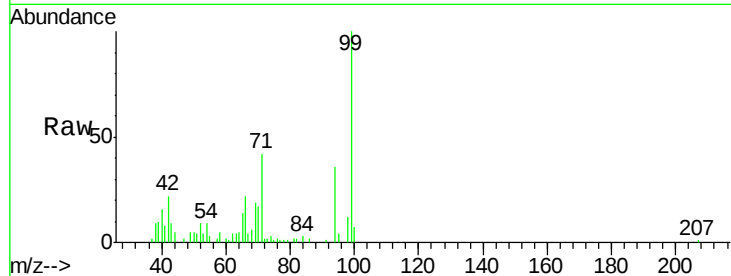
Tot Ion: 94 Resp: 15694

Ion Ratio Lower Upper

94 100

65 38.1 28.2 42.4

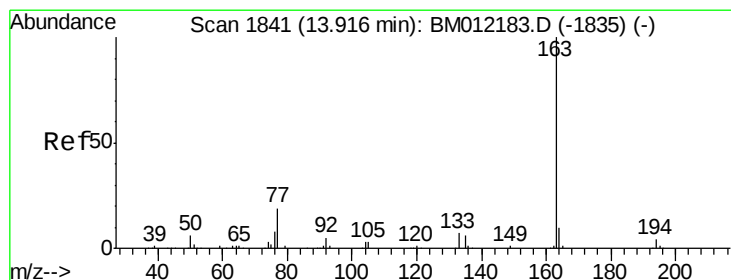
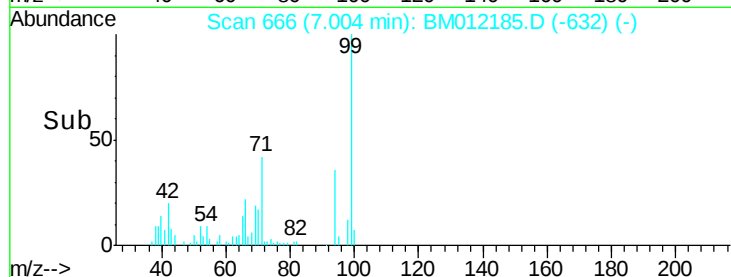
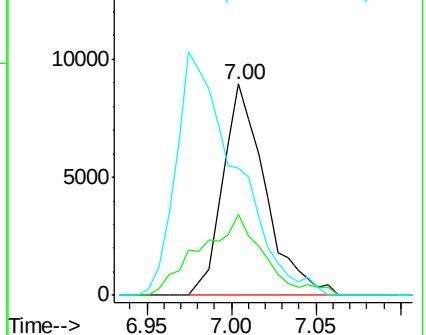
66 60.4 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM012185.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BM012185.D (-659) (-)

Ion 66.00 (65.70 to 66.70): BM012185.D (-659) (-)



#44

Dimethylphthalate

Concen: 8.97 ng/ul

RT: 13.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BM012185.D

Acq: 15 Oct 2017 00:05

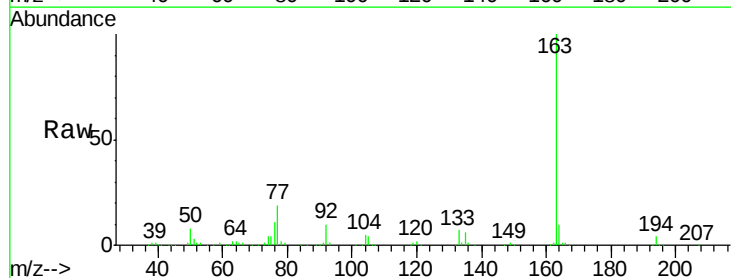
Tgt Ion: 163 Resp: 437764

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

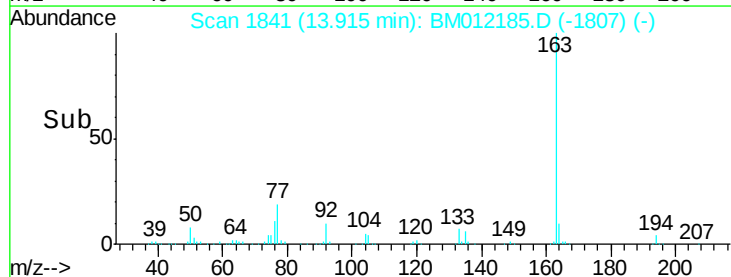
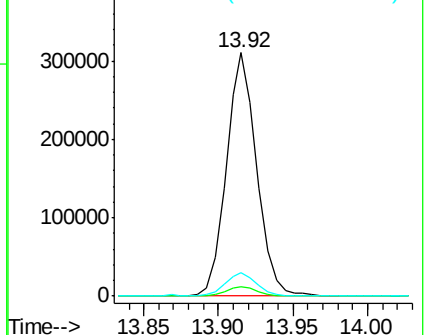
164 9.8 8.2 12.4

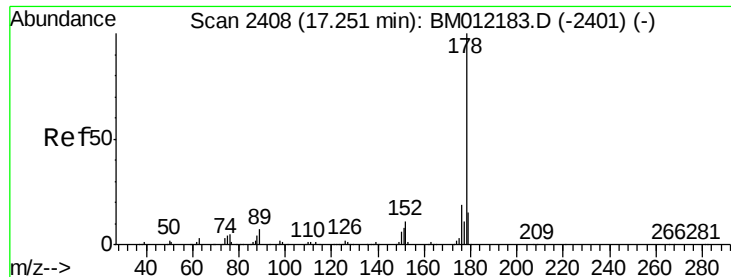


Abundance Ion 163.00 (162.70 to 163.70): BM012185.D (-1807) (-)

Ion 194.00 (193.70 to 194.70): BM012185.D (-1807) (-)

Ion 164.00 (163.70 to 164.70): BM012185.D (-1807) (-)

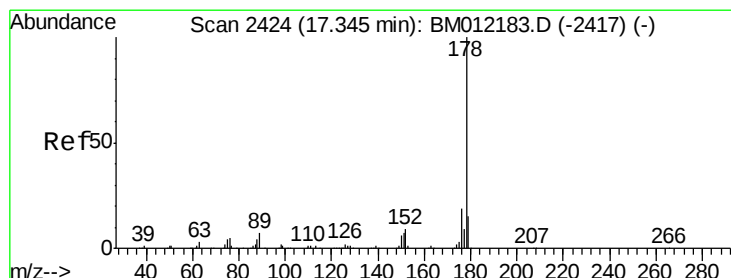
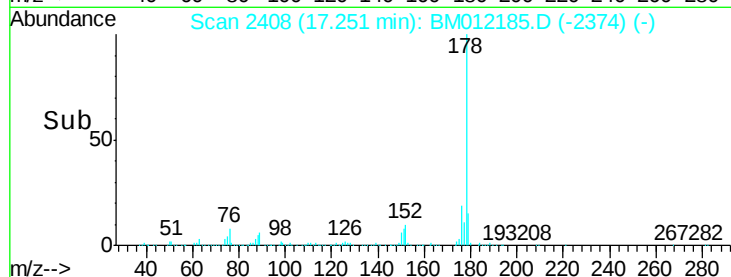
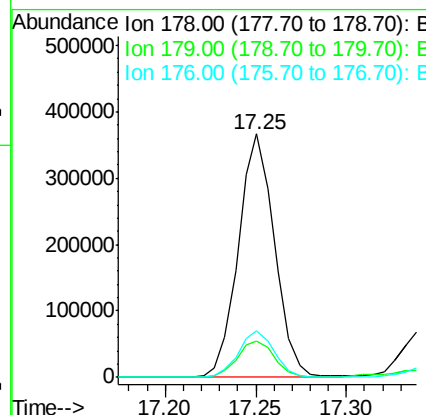
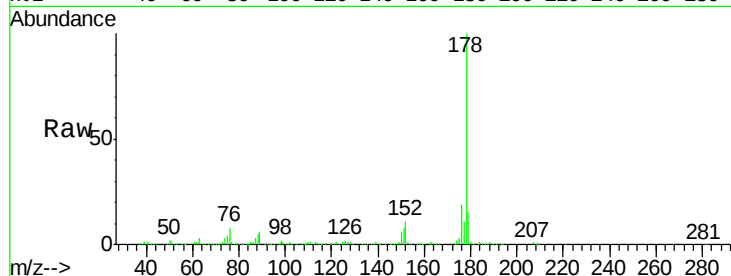




#69
Phenanthrene
Concen: 6.81 ng/ul
RT: 17.25 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM012185.D
Acq: 15 Oct 2017 00:05

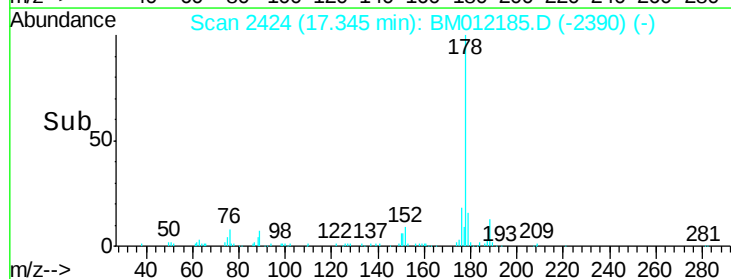
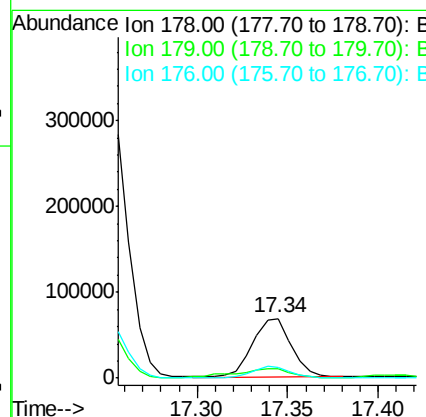
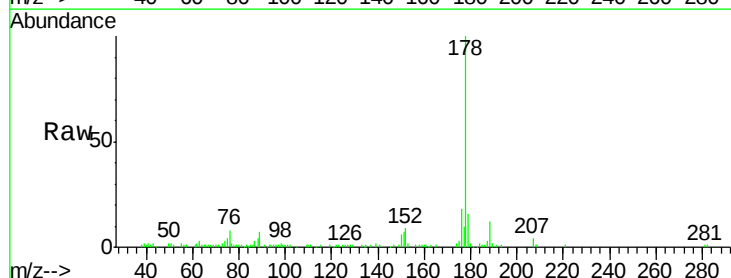
Instrument :
BNA_M
ClientSampleId :
C0AC0

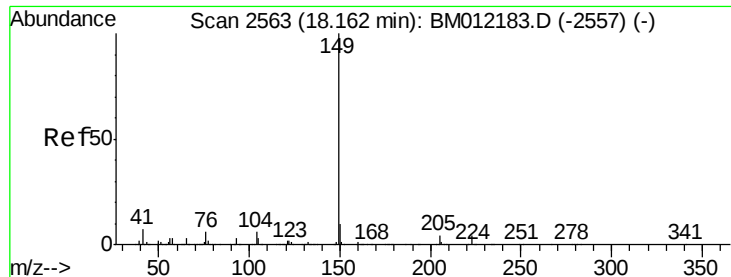
Tot Ion:178 Resp: 504051
Ion Ratio Lower Upper
178 100
179 14.9 12.6 19.0
176 19.0 14.9 22.3



#71
Anthracene
Concen: 1.34 ng/ul
RT: 17.34 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BM012185.D
Acq: 15 Oct 2017 00:05

Tgt Ion:178 Resp: 102484
Ion Ratio Lower Upper
178 100
179 15.6 11.7 17.5
176 18.3 14.6 21.8

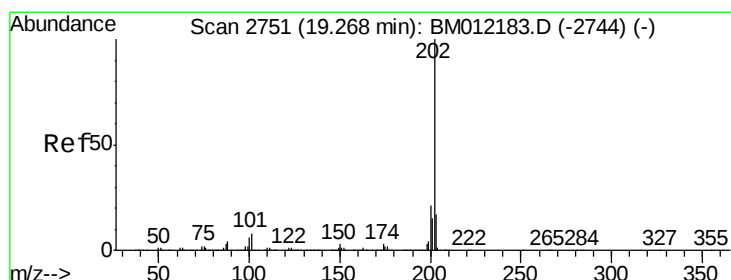
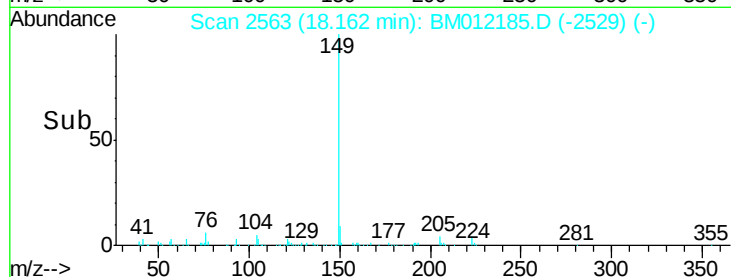
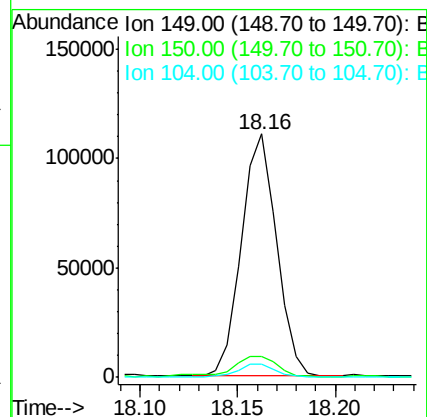
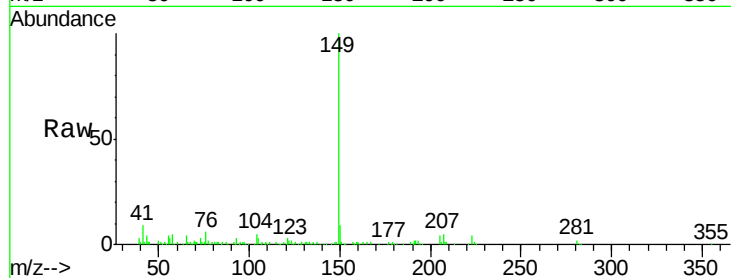




#73
Di-n-butylphthalate
Concen: 1.54 ng/ul
RT: 18.16 min Scan# 2563
Delta R.T. -0.00 min
Lab File: BM012185.D
Acq: 15 Oct 2017 00:05

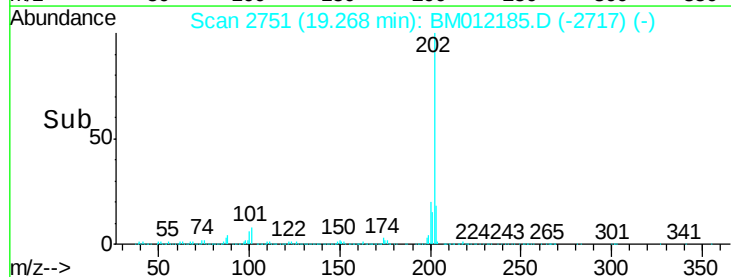
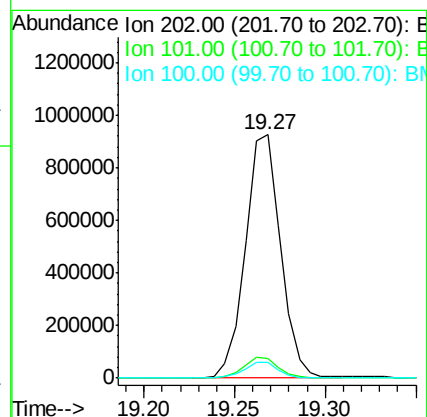
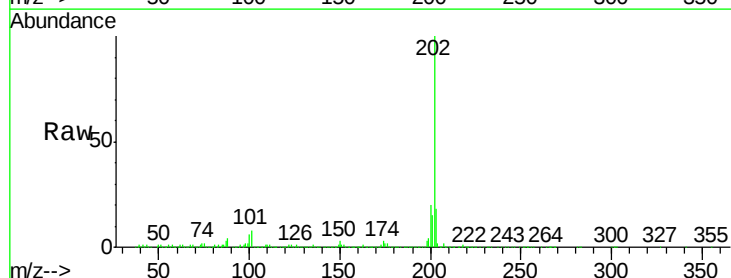
Instrument :
BNA_M
ClientSampleId :
C0AC0

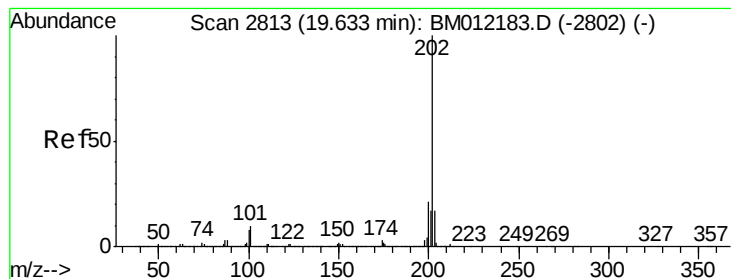
Tot Ion:149 Resp: 138441
Ion Ratio Lower Upper
149 100
150 8.7 7.1 10.7
104 5.2 5.6 8.4#



#74
Fluoranthene
Concen: 14.00 ng/ul
RT: 19.27 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BM012185.D
Acq: 15 Oct 2017 00:05

Tgt Ion:202 Resp: 1250099
Ion Ratio Lower Upper
202 100
101 7.8 4.6 7.0#
100 6.3 3.4 5.2#





#77

Pvrene

Concen: 12.02 ng/ul

RT: 19.63 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BM012185.D

Acq: 15 Oct 2017 00:05

Instrument :

BNA_M

ClientSampleId :

C0AC0

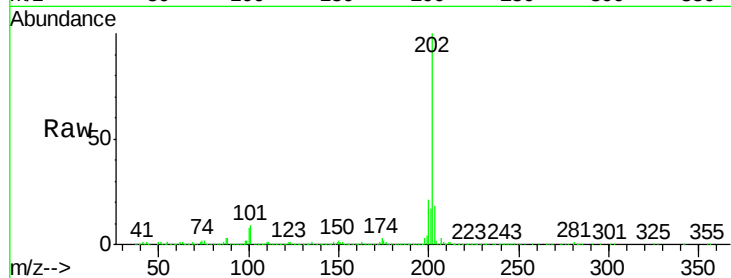
Tot Ion:202 Resp: 1113560

Ion Ratio Lower Upper

202 100

101 9.4 5.1 7.7#

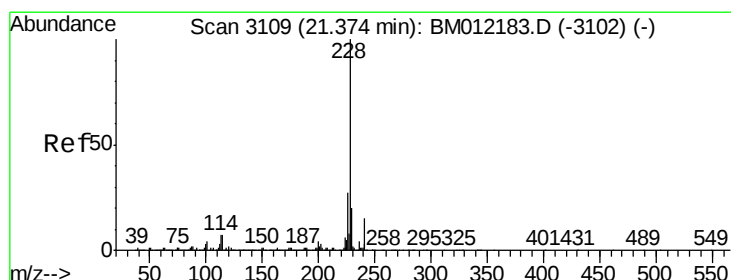
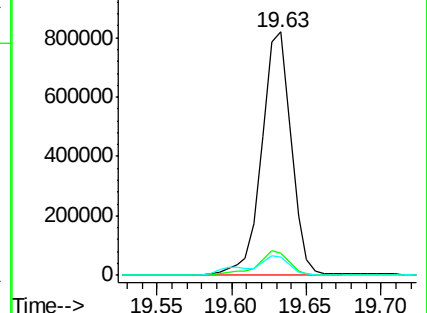
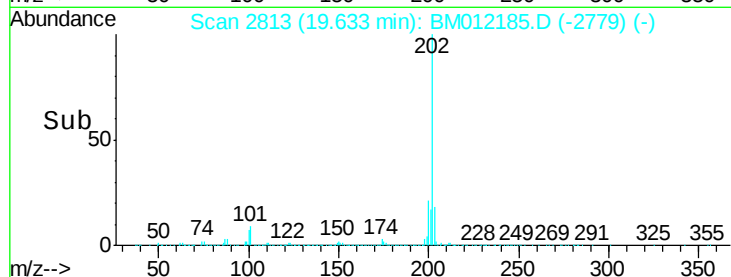
100 7.5 4.9 7.3#



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



#80

Benzo(a)anthracene

Concen: 6.79 ng/ul

RT: 21.37 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BM012185.D

Acq: 15 Oct 2017 00:05

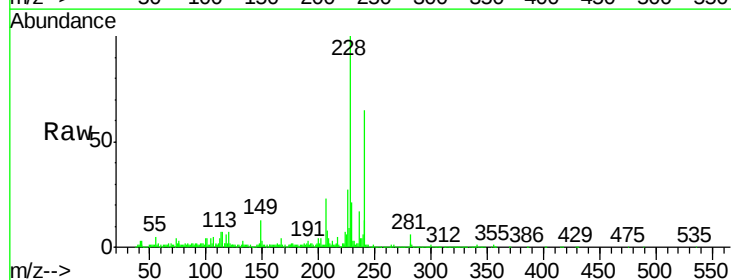
Tgt Ion:228 Resp: 620123

Ion Ratio Lower Upper

228 100

229 20.5 15.4 23.0

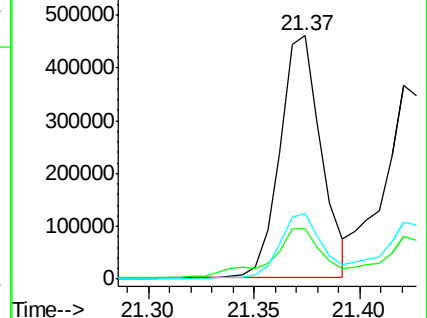
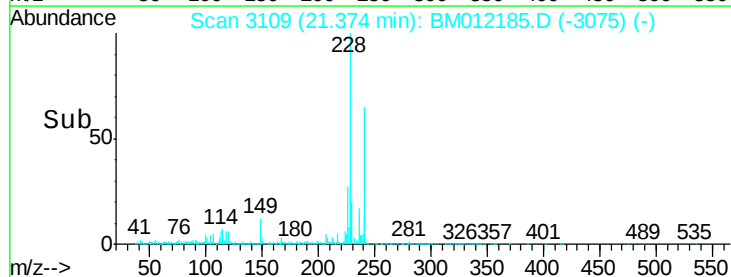
226 27.0 21.4 32.0

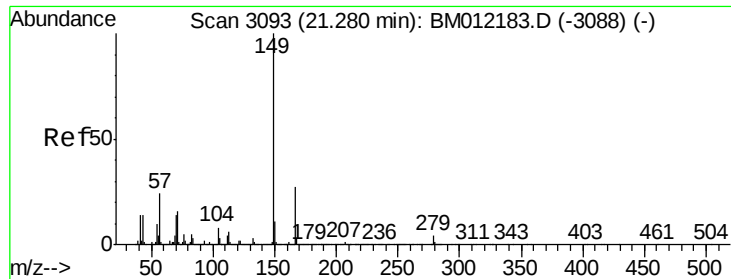


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

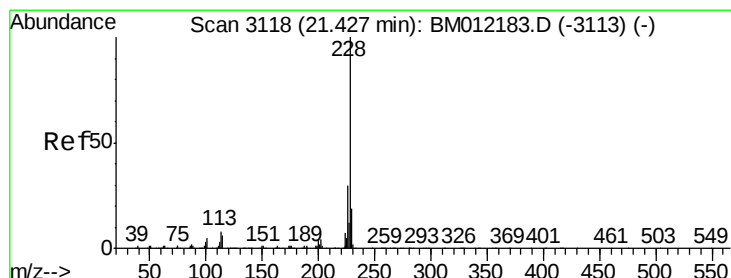
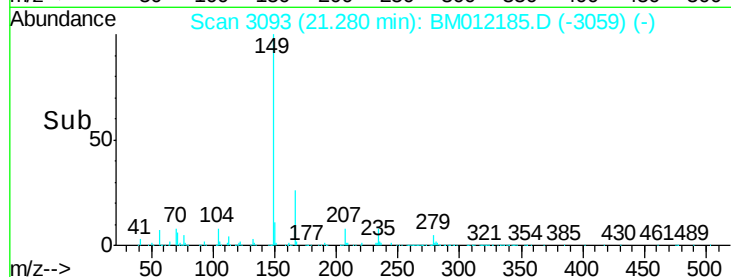
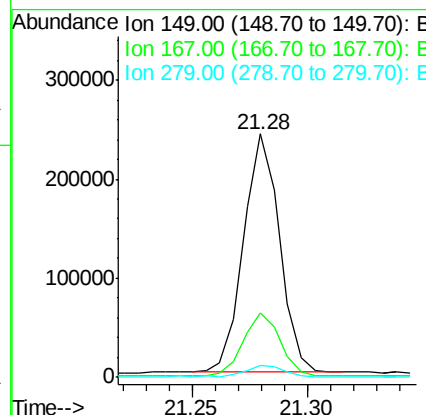
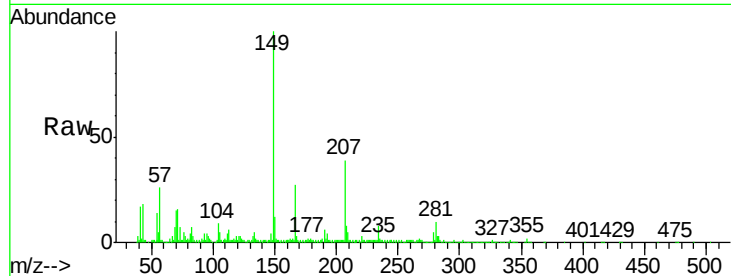




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 4.23 ng/ul
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BM012185.D
 Acq: 15 Oct 2017 00:05

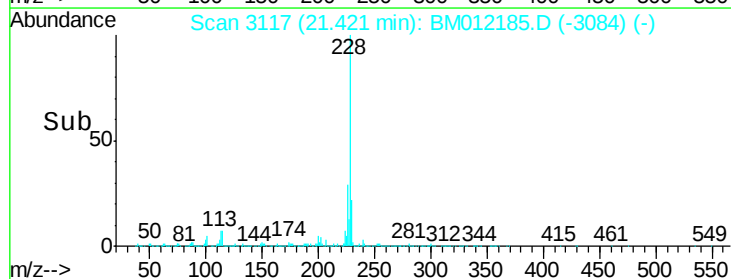
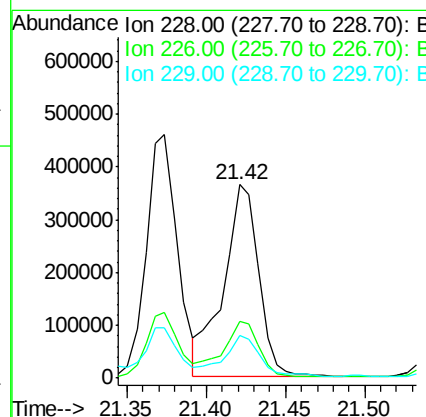
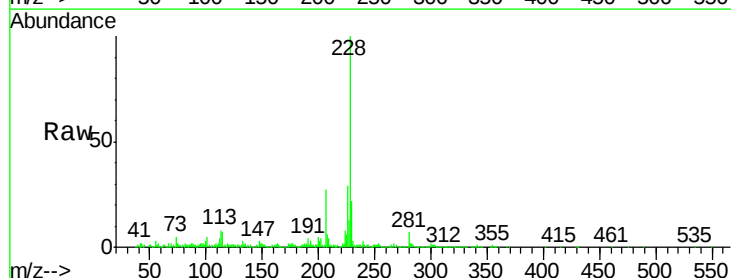
Instrument :
 BNA_M
 ClientSampleId :
 C0AC0

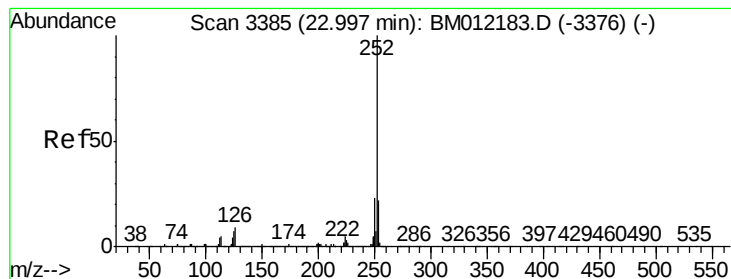
Tot Ion	149	Resp	261809
Ion Ratio	100	Lower	Upper
167	26.6	22.8	34.2
279	5.0	4.9	7.3



#82
 Chrysene
 Concen: 6.52 ng/ul
 RT: 21.42 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM012185.D
 Acq: 15 Oct 2017 00:05

Tgt Ion	228	Resp	558930
Ion Ratio	100	Lower	Upper
226	29.4	23.4	35.2
229	22.0	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 9.63 ng/ul

RT: 23.00 min Scan# 3385

Delta R.T. -0.00 min

Lab File: BM012185.D

Acq: 15 Oct 2017 00:05

Instrument :

BNA_M

ClientSampleId :

C0AC0

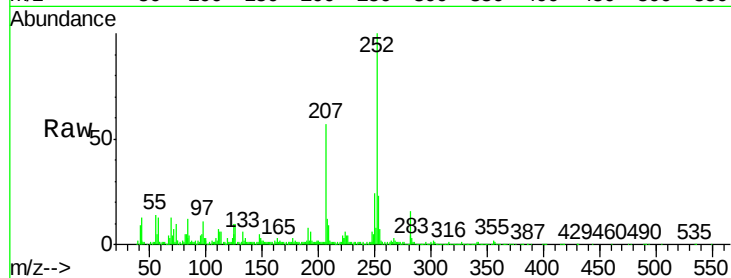
Tot Ion:252 Resp: 680970

Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

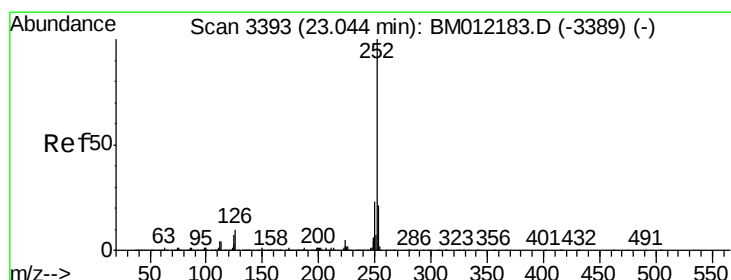
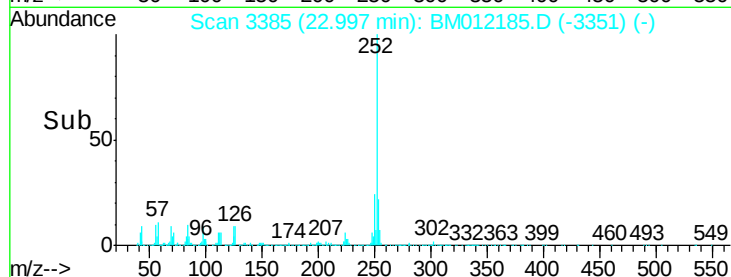
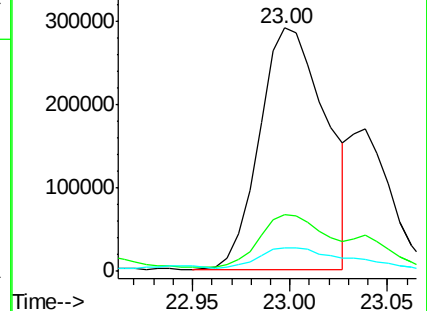
125 9.8 3.6 5.4#



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



#86

Benzo(k)fluoranthene

Concen: 9.99 ng/ul

RT: 23.00 min Scan# 3385

Delta R.T. -0.05 min

Lab File: BM012185.D

Acq: 15 Oct 2017 00:05

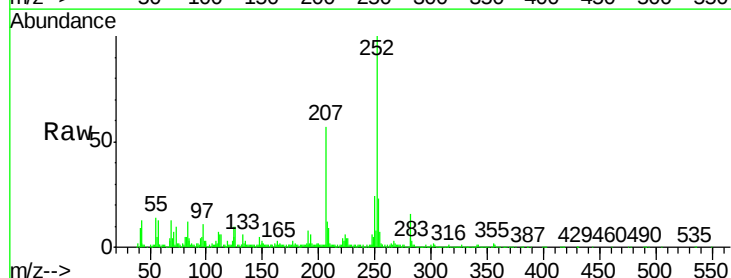
Tgt Ion:252 Resp: 680970

Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

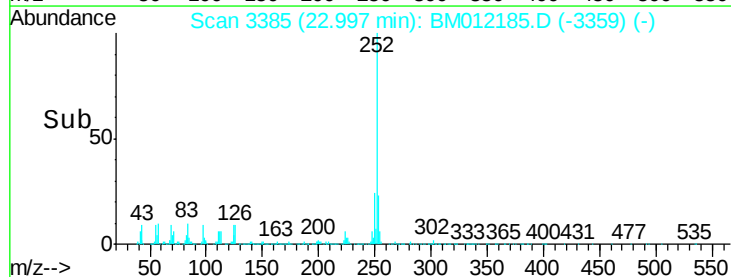
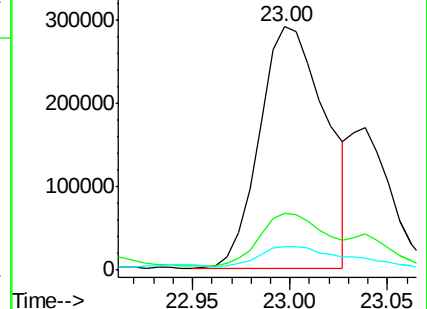
125 9.8 3.4 5.2#

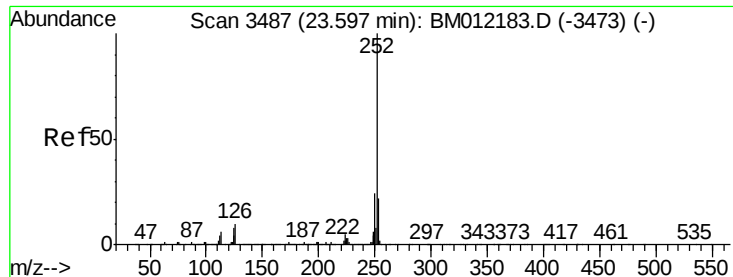


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 7.23 ng/ul

RT: 23.59 min Scan# 3486

Delta R.T. -0.01 min

Lab File: BM012185.D

Acq: 15 Oct 2017 00:05

Instrument :

BNA_M

ClientSampleId :

C0AC0

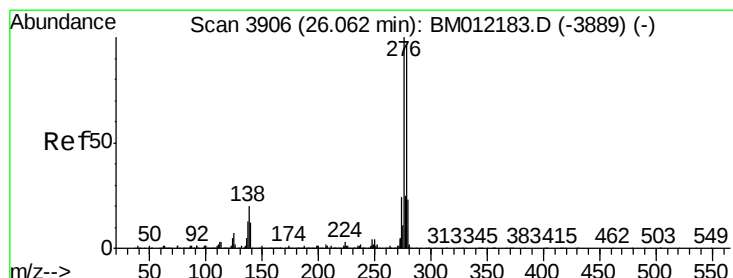
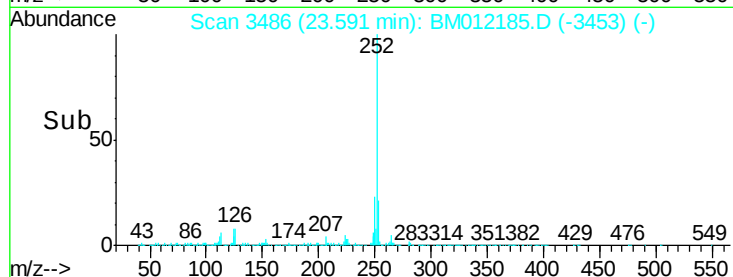
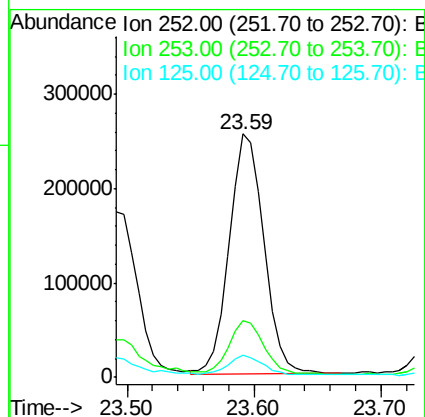
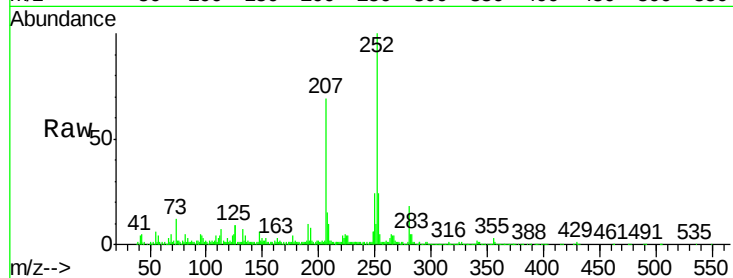
Tot Ion:252 Resp: 481736

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.2

125 9.3 4.0 6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 3.87 ng/ul

RT: 26.05 min Scan# 3904

Delta R.T. -0.01 min

Lab File: BM012185.D

Acq: 15 Oct 2017 00:05

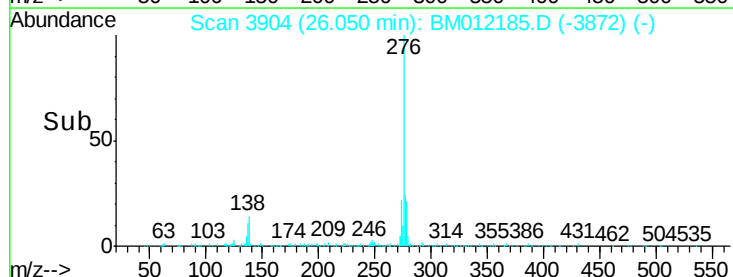
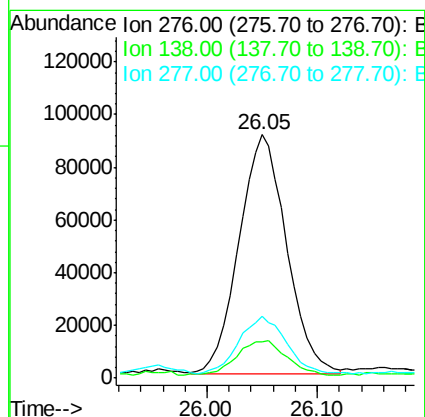
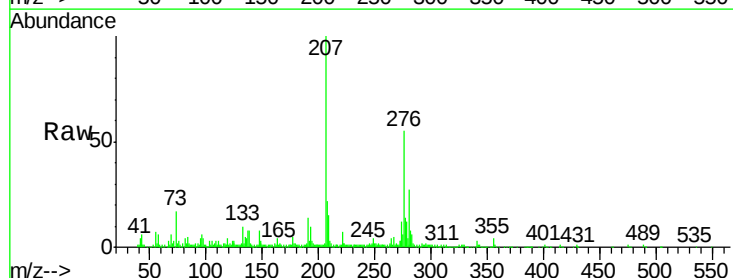
Tgt Ion:276 Resp: 273971

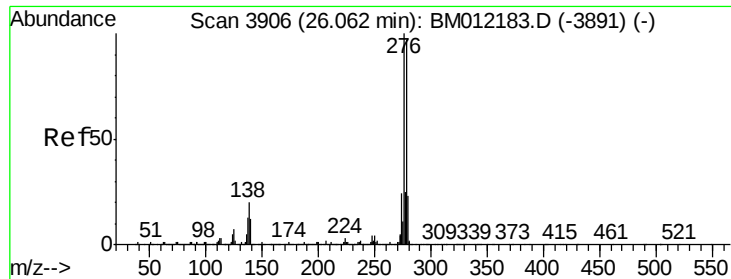
Ion Ratio Lower Upper

276 100

138 15.1 9.3 13.9#

277 25.2 19.9 29.9





#90

Dibenzo(a,h)anthracene

Concen: 1.15 ng/ul

RT: 26.06 min Scan# 3905

Delta R.T. -0.01 min

Lab File: BM012185.D

Acq: 15 Oct 2017 00:05

Instrument :

BNA_M

ClientSampled :

C0AC0

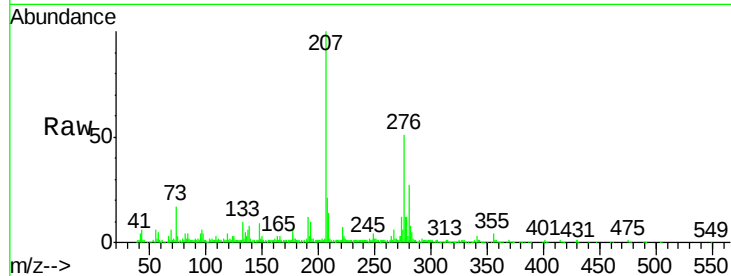
Tot Ion:278 Resp: 68625

Ion Ratio Lower Upper

278 100

139 15.9 5.8 8.8#

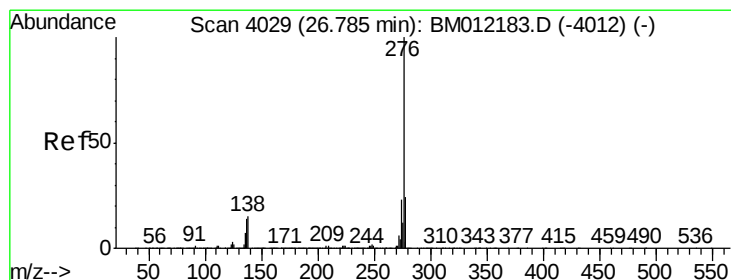
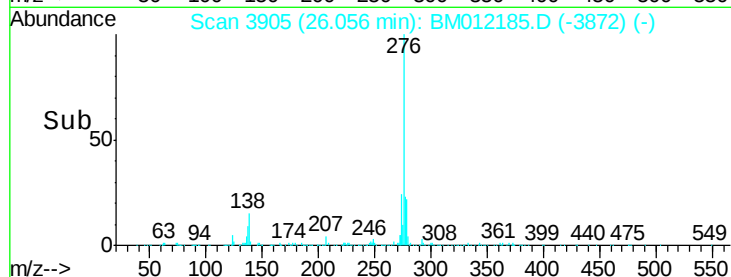
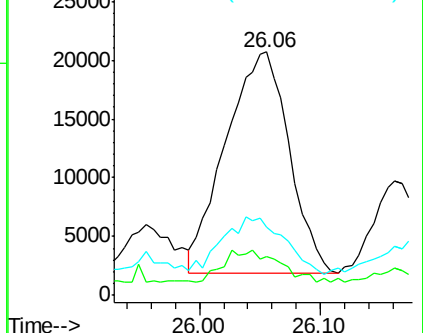
279 28.1 18.6 27.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 4.21 ng/ul

RT: 26.78 min Scan# 4028

Delta R.T. -0.01 min

Lab File: BM012185.D

Acq: 15 Oct 2017 00:05

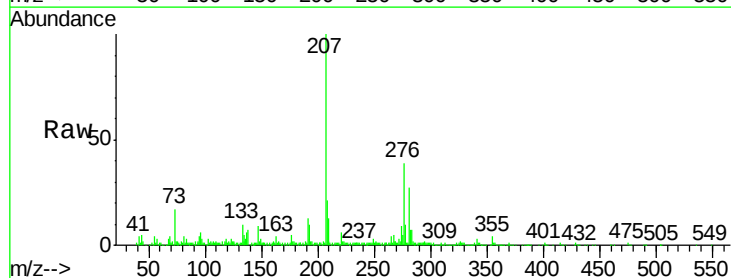
Tgt Ion:276 Resp: 244215

Ion Ratio Lower Upper

276 100

138 17.3 8.5 12.7#

277 25.3 18.6 28.0



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

