

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014751.D
 Acq On : 20 Apr 2018 02:16
 Operator : SJ/JU
 Sample : J2434-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 20 08:37:24 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 20 01:26:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	342874	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1447357	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.15	164	778237	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1622379	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1582007	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1636128	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.67	96	28920	3.68	ng/uL	0.00
5) Phenol-d5	7.66	99	535300	20.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	381946	22.47	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	468574	21.13	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	367607	17.39	ng/ul	0.00
19) Nitrobenzene-d5	9.72	128	229410	21.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	229135	21.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	434478	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	550769	26.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1326424	21.83	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	1705790	22.74	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	165498	14.68	ng/ul	0.00
57) Fluorene-d10	16.12	176	1149399	21.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	105417	12.01	ng/ul	0.00
70) Anthracene-d10	17.95	188	1675411	22.16	ng/ul	0.00
76) Pyrene-d10	20.19	212	1784200	23.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.27	264	1729956	21.52	ng/ul	-0.01

Target Compounds

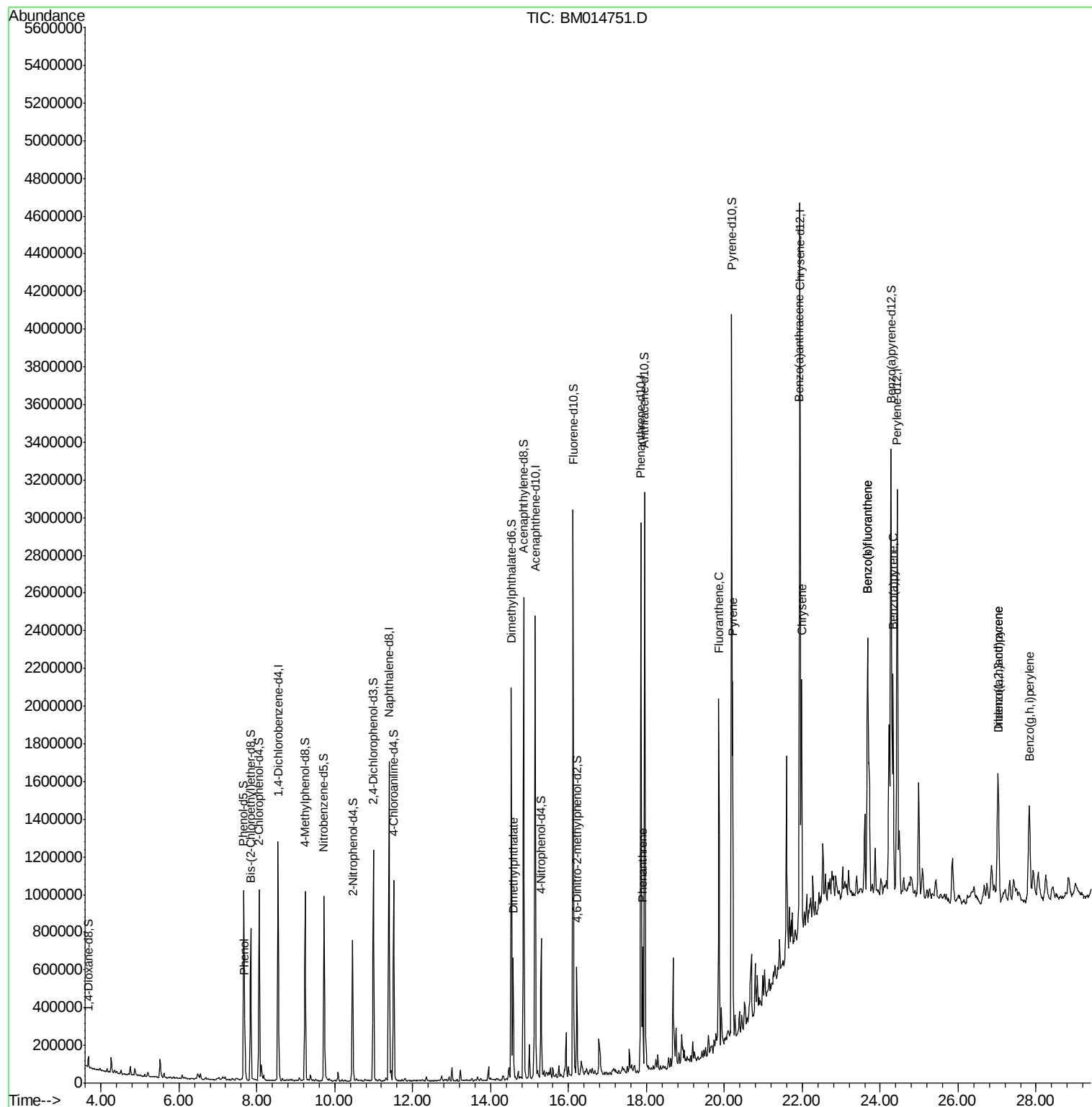
				Ovalue	
6) Phenol	7.69	94	129067	4.949	ng/ul# 80
44) Dimethylphthalate	14.58	163	373444	6.359	ng/ul 99
69) Phenanthrene	17.90	178	374894	4.303	ng/ul 98
74) Fluoranthene	19.86	202	1089367	11.468	ng/ul# 84
77) Pyrene	20.22	202	1014407	10.974	ng/ul# 81
80) Benzo(a)anthracene	21.92	228	722680	7.812	ng/ul 98
82) Chrysene	21.98	228	757358	8.745	ng/ul 96
85) Benzo(b)fluoranthene	23.67	252	1299561	13.474	ng/ul# 96
86) Benzo(k)fluoranthene	23.67	252	1299561	14.012	ng/ul# 94
88) Benzo(a)pyrene	24.33	252	894863	9.781	ng/ul# 96
89) Indeno(1,2,3-cd)pyrene	27.02	276	662097	5.982	ng/ul# 91
90) Dibenzo(a,h)anthracene	27.03	278	177797	1.908	ng/ul# 95
91) Benzo(g,h,i)perylene	27.83	276	660201	7.251	ng/ul# 90

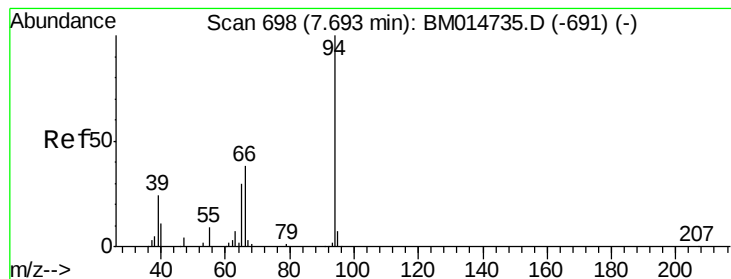
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.949 ng/ul

RT: 7.69 min Scan# 698

Delta R.T. 0.00 min

Lab File: BM014751.D

Acq: 20 Apr 2018 02:16

Instrument :

BNA_M

ClientSampleId :

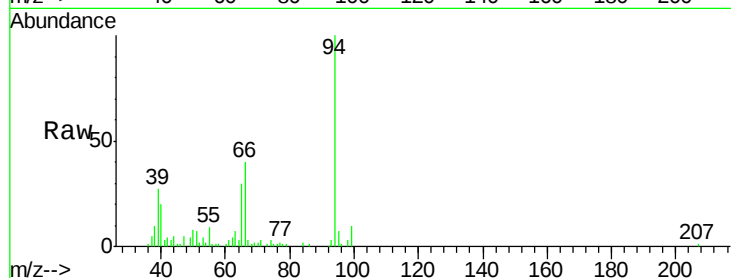
Tot Ion: 94 Resp: 129067

Ion Ratio Lower Upper

94 100

65 29.9 28.2 42.4

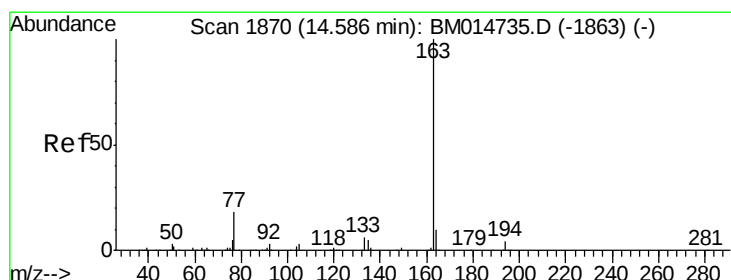
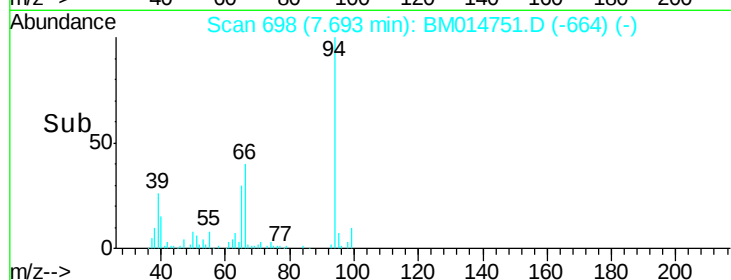
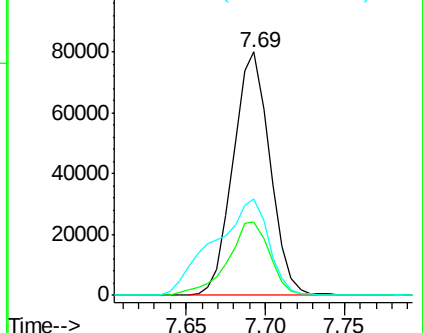
66 39.5 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM014735.D (-691) (-)

Ion 65.00 (64.70 to 65.70): BM014735.D (-691) (-)

Ion 66.00 (65.70 to 66.70): BM014735.D (-691) (-)



#44

Dimethylphthalate

Concen: 6.359 ng/ul

RT: 14.58 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM014751.D

Acq: 20 Apr 2018 02:16

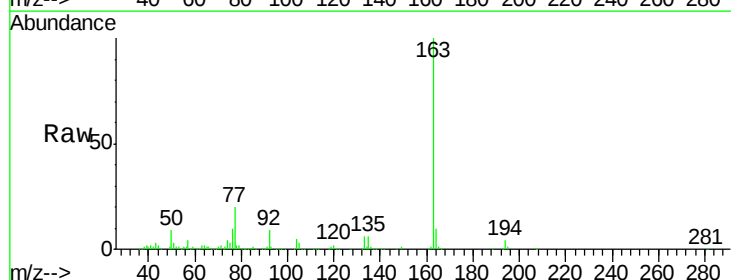
Tgt Ion:163 Resp: 373444

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

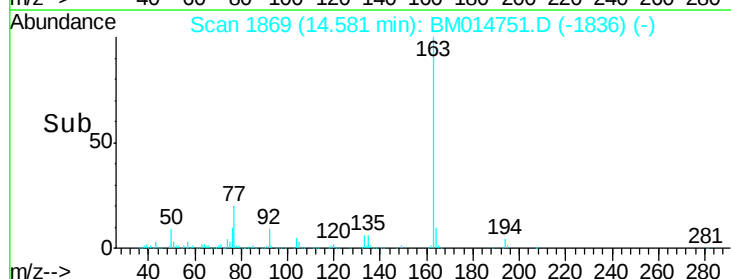
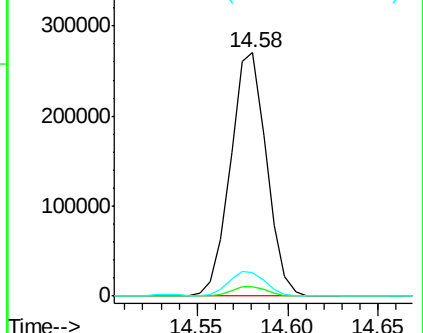
164 9.8 8.2 12.4

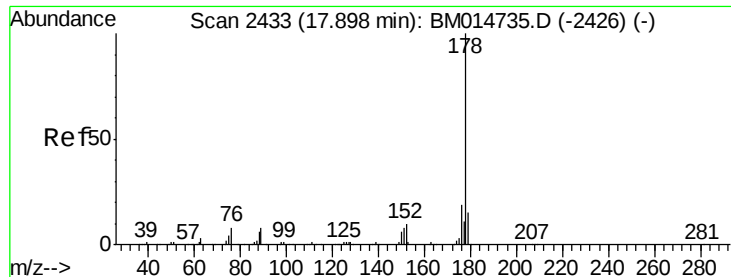


Abundance Ion 163.00 (162.70 to 163.70): BM014735.D (-1863) (-)

Ion 194.00 (193.70 to 194.70): BM014735.D (-1863) (-)

Ion 164.00 (163.70 to 164.70): BM014735.D (-1863) (-)





#69

Phenanthrene

Concen: 4.303 ng/ul

RT: 17.90 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BM014751.D

Acq: 20 Apr 2018 02:16

Instrument :

BNA_M

ClientSampleId :

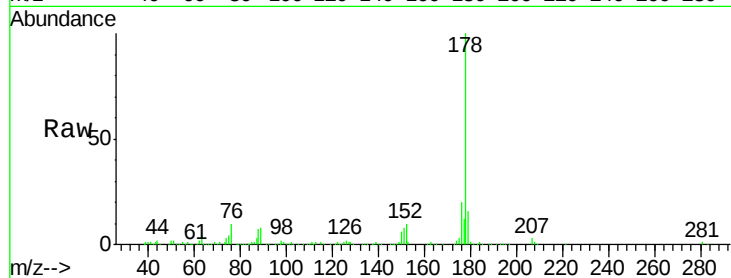
Tot Ion:178 Resp: 374894

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

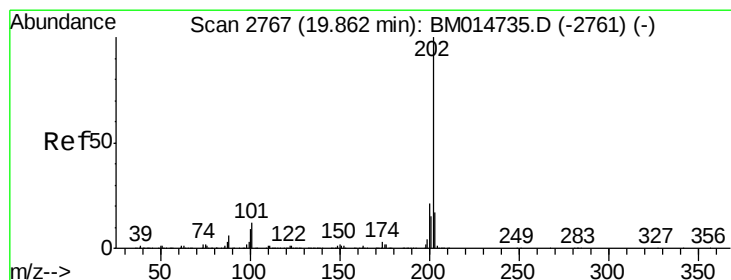
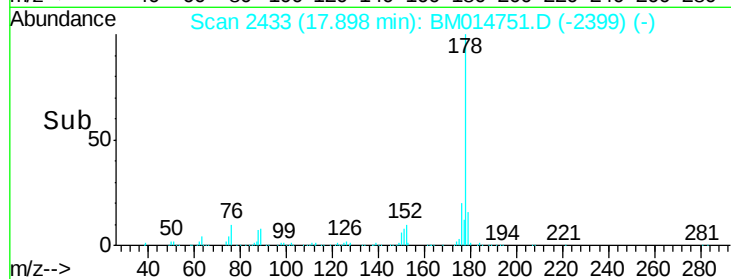
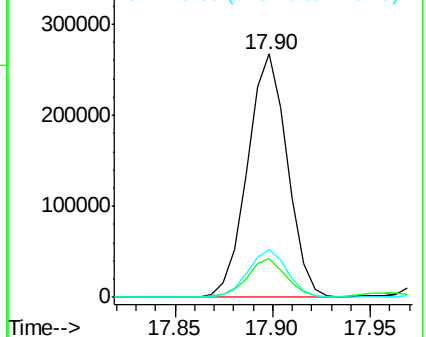
176 19.8 14.9 22.3



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



#74

Fluoranthene

Concen: 11.468 ng/ul

RT: 19.86 min Scan# 2767

Delta R.T. 0.00 min

Lab File: BM014751.D

Acq: 20 Apr 2018 02:16

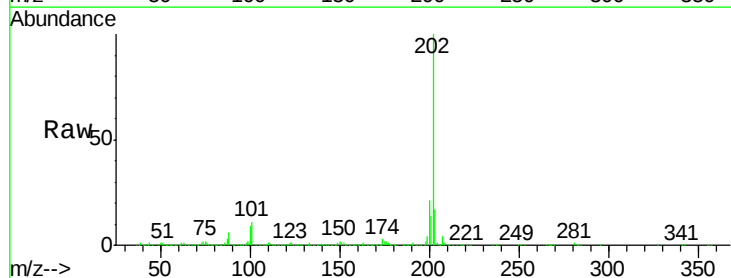
Tgt Ion:202 Resp: 1089367

Ion Ratio Lower Upper

202 100

101 11.3 4.6 7.0#

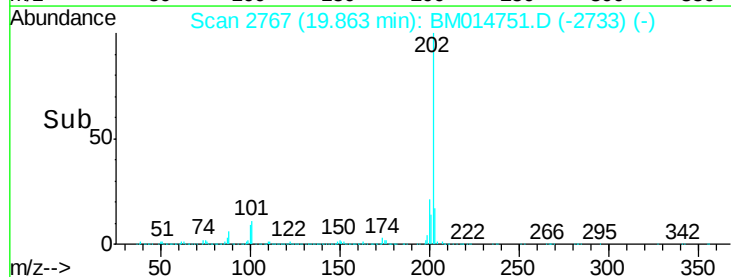
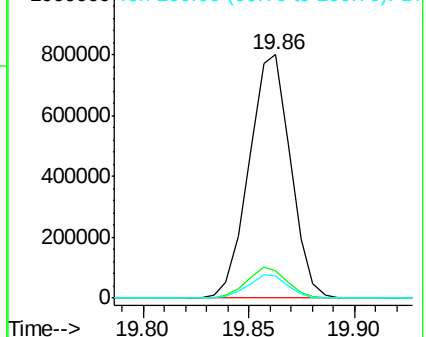
100 9.3 3.4 5.2#

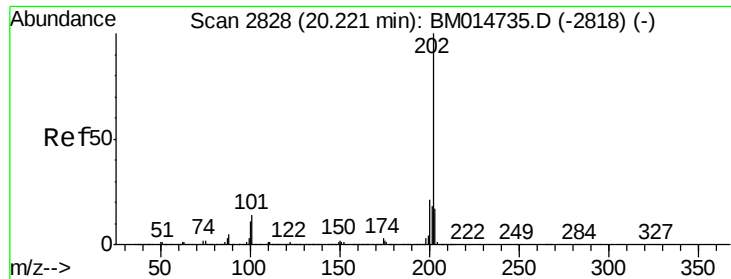


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 10.974 ng/ul

RT: 20.22 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM014751.D

Acq: 20 Apr 2018 02:16

Instrument :

BNA_M

ClientSampleId :

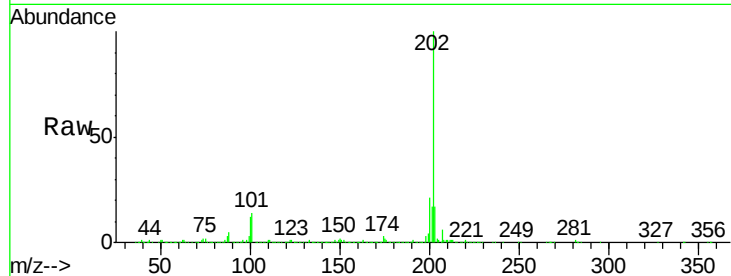
Tot Ion:202 Resp: 1014407

Ion Ratio Lower Upper

202 100

101 13.8 5.1 7.7#

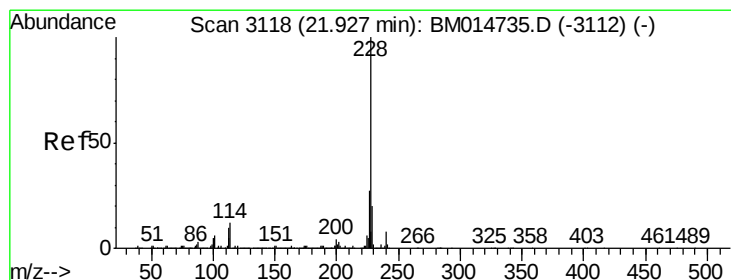
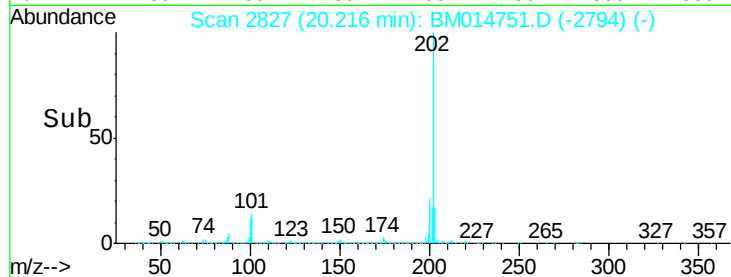
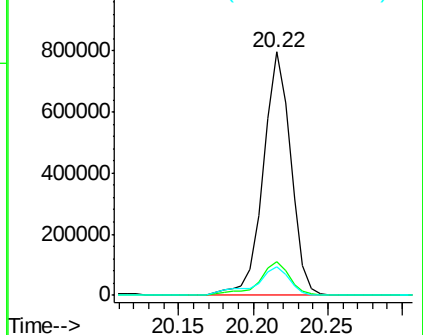
100 11.7 4.9 7.3#



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: 7.812 ng/ul

RT: 21.92 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM014751.D

Acq: 20 Apr 2018 02:16

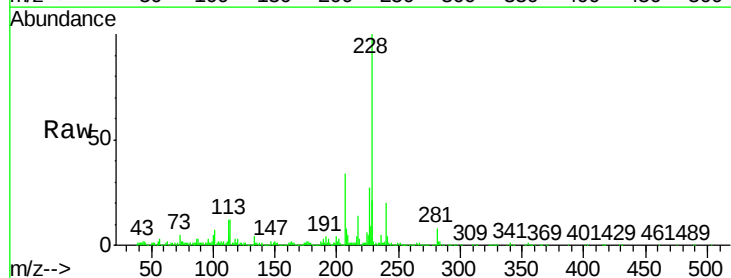
Tgt Ion:228 Resp: 722680

Ion Ratio Lower Upper

228 100

229 21.2 15.4 23.0

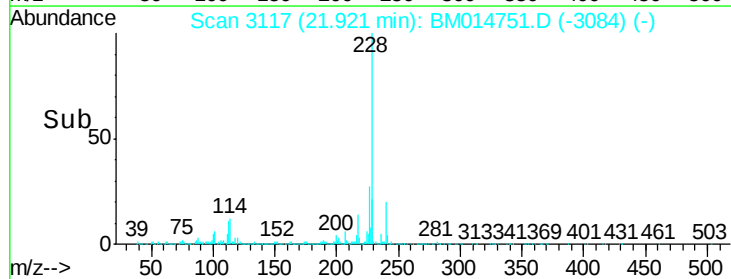
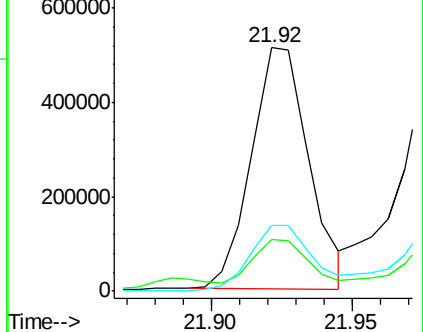
226 26.9 21.4 32.0

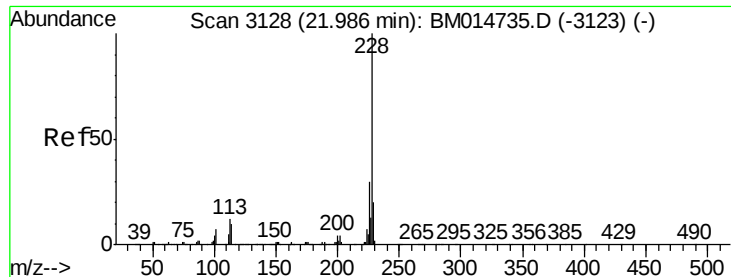


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 8.745 ng/ul

RT: 21.98 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM014751.D

Acq: 20 Apr 2018 02:16

Instrument :

BNA_M

ClientSampleId :

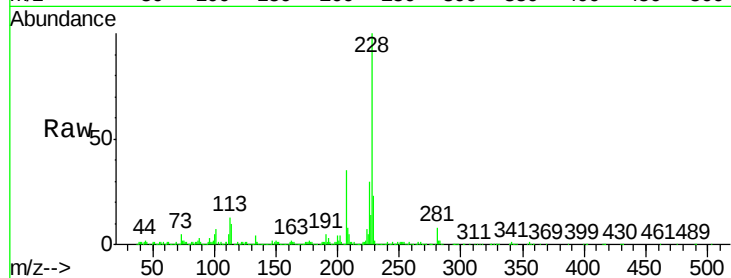
Tot Ion:228 Resp: 757358

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.2

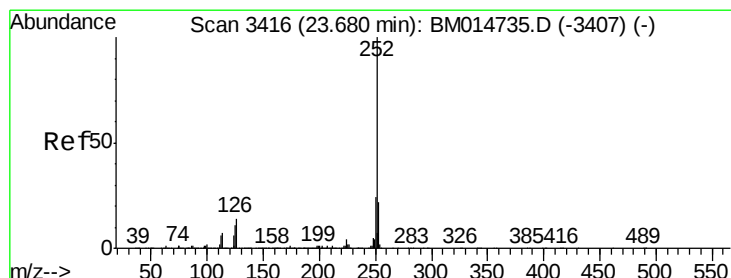
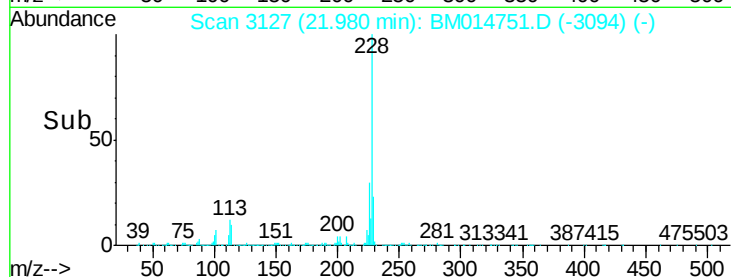
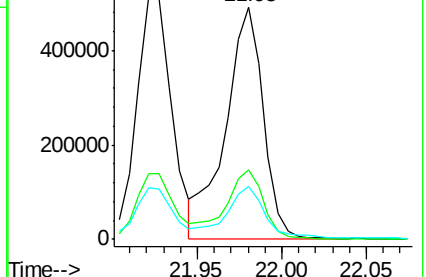
229 23.0 15.5 23.3



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



#85

Benzo(b)fluoranthene

Concen: 13.474 ng/ul

RT: 23.67 min Scan# 3415

Delta R.T. -0.01 min

Lab File: BM014751.D

Acq: 20 Apr 2018 02:16

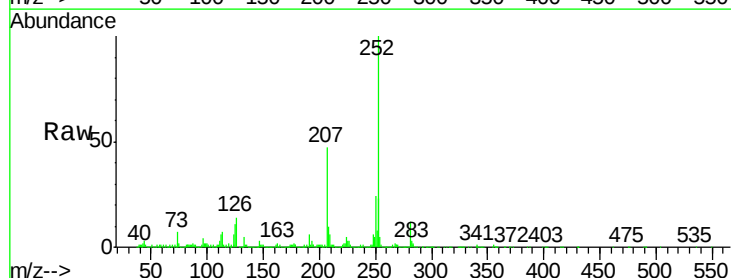
Tgt Ion:252 Resp: 1299561

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

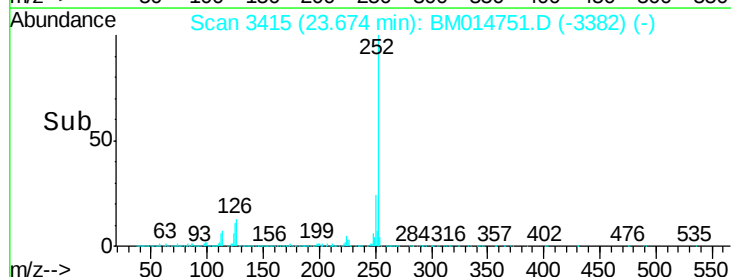
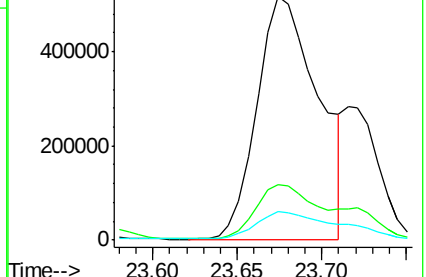
125 11.5 3.6 5.4#

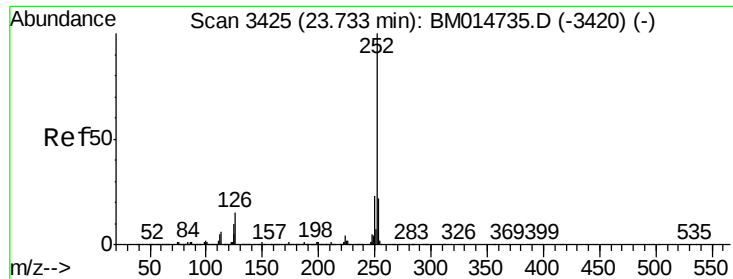


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

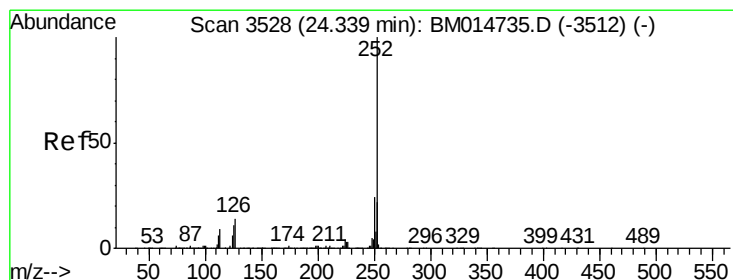
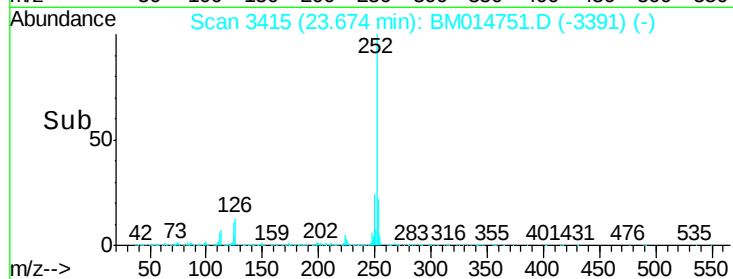
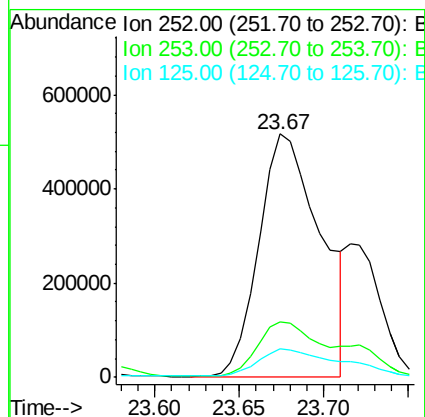
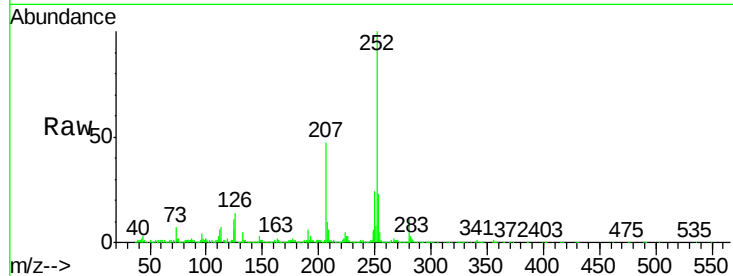




#86
Benzo(k)fluoranthene
Concen: 14.012 ng/ul
RT: 23.67 min Scan# 3415
Delta R.T. -0.06 min
Lab File: BM014751.D
Acq: 20 Apr 2018 02:16

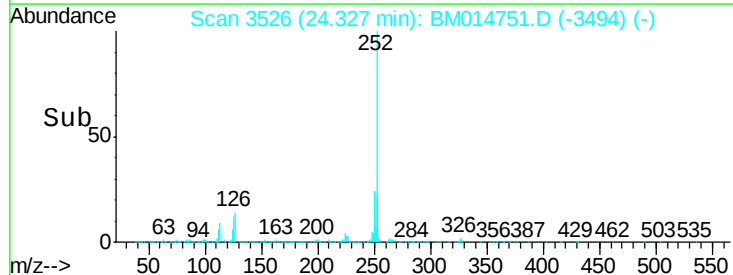
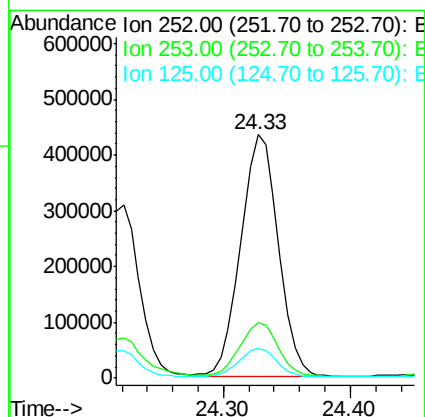
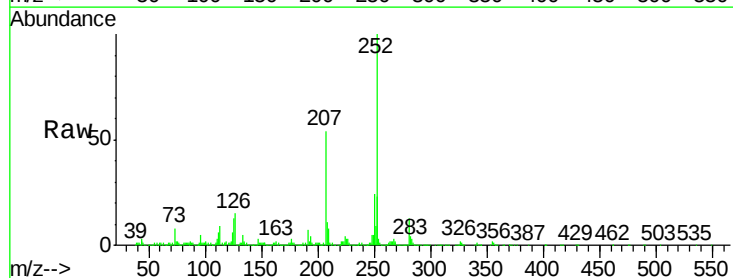
Instrument :
BNA_M
ClientSampleId :

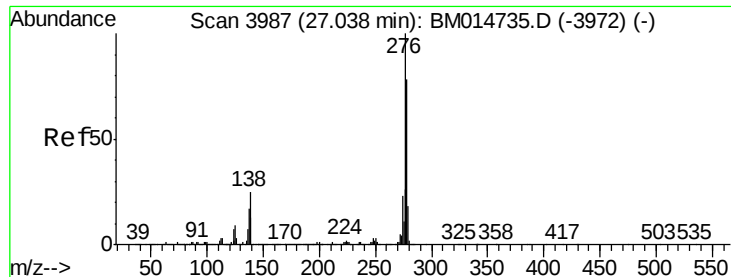
Tot Ion:252 Resp: 1299561
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 11.5 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 9.781 ng/ul
RT: 24.33 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BM014751.D
Acq: 20 Apr 2018 02:16

Tgt Ion:252 Resp: 894863
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 12.5 4.0 6.0#



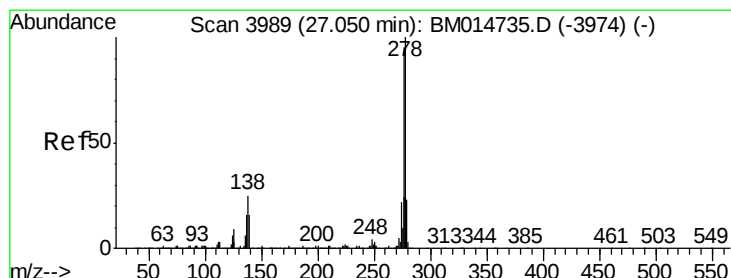
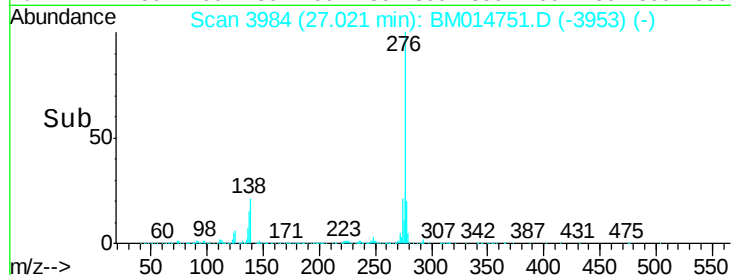
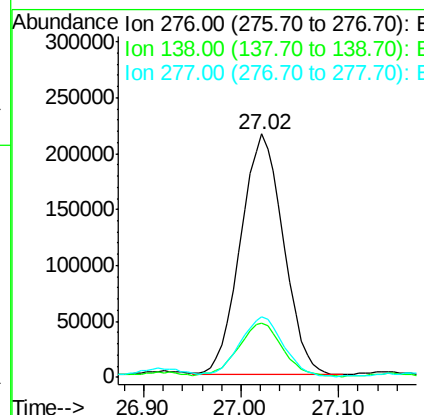
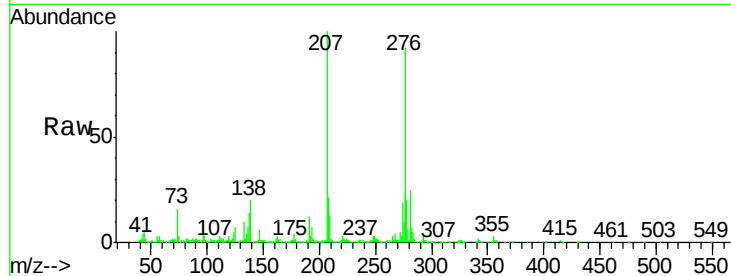


#89

Indeno(1,2,3-cd)pyrene
Concen: 5.982 ng/ul
RT: 27.02 min Scan# 3984
Delta R.T. -0.02 min
Lab File: BM014751.D
Acq: 20 Apr 2018 02:16

Instrument :
BNA_M
ClientSampled :

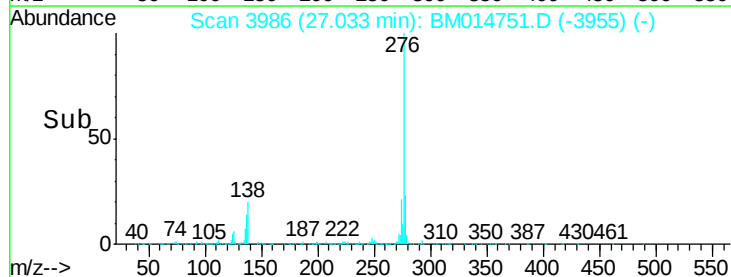
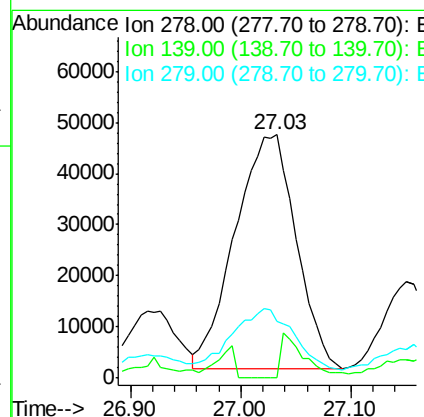
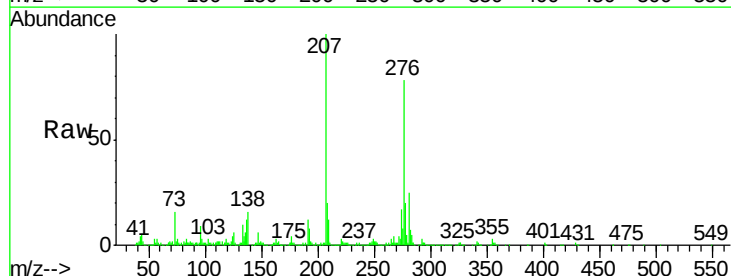
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	9.3	13.9#
277	24.8	19.9	29.9

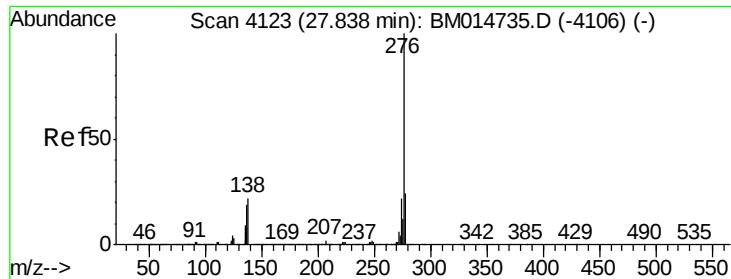


#90

Dibenzo(a,h)anthracene
Concen: 1.908 ng/ul
RT: 27.03 min Scan# 3986
Delta R.T. -0.02 min
Lab File: BM014751.D
Acq: 20 Apr 2018 02:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	23.2	18.6	27.8

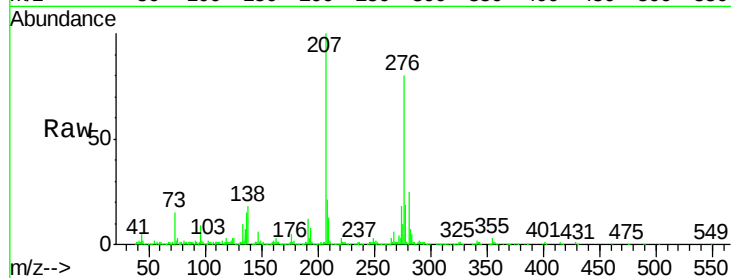




#91
 Benzo(a,h,i)perylene
 Concen: 7.251 ng/ul
 RT: 27.83 min Scan# 4121
 Delta R.T. -0.01 min
 Lab File: BM014751.D
 Acq: 20 Apr 2018 02:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	8.5	12.7#
277	23.1	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

