

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014743.D
 Acq On : 19 Apr 2018 20:54
 Operator : SJ/JU
 Sample : J2434-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 20 01:28:28 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	303166	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1303667	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.14	164	706142	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1520806	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1510929	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1534330	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.67	96	16598	2.39	ng/uL	0.00
5) Phenol-d5	7.66	99	259726	11.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	201673	13.42	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	232233	11.85	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	178146	9.53	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	109124	11.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	96700	10.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.00	165	199093	10.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	283821	15.08	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	692155	12.56	ng/ul	0.00
46) Acenaphthylene-d8	14.84	160	833943	12.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	31471	3.08	ng/ul	0.00
57) Fluorene-d10	16.12	176	608378	12.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	22401	2.72	ng/ul	0.00
70) Anthracene-d10	17.95	188	877440	12.38	ng/ul	0.00
76) Pyrene-d10	20.19	212	960586	13.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.28	264	917970	12.18	ng/ul	0.00

Target Compounds

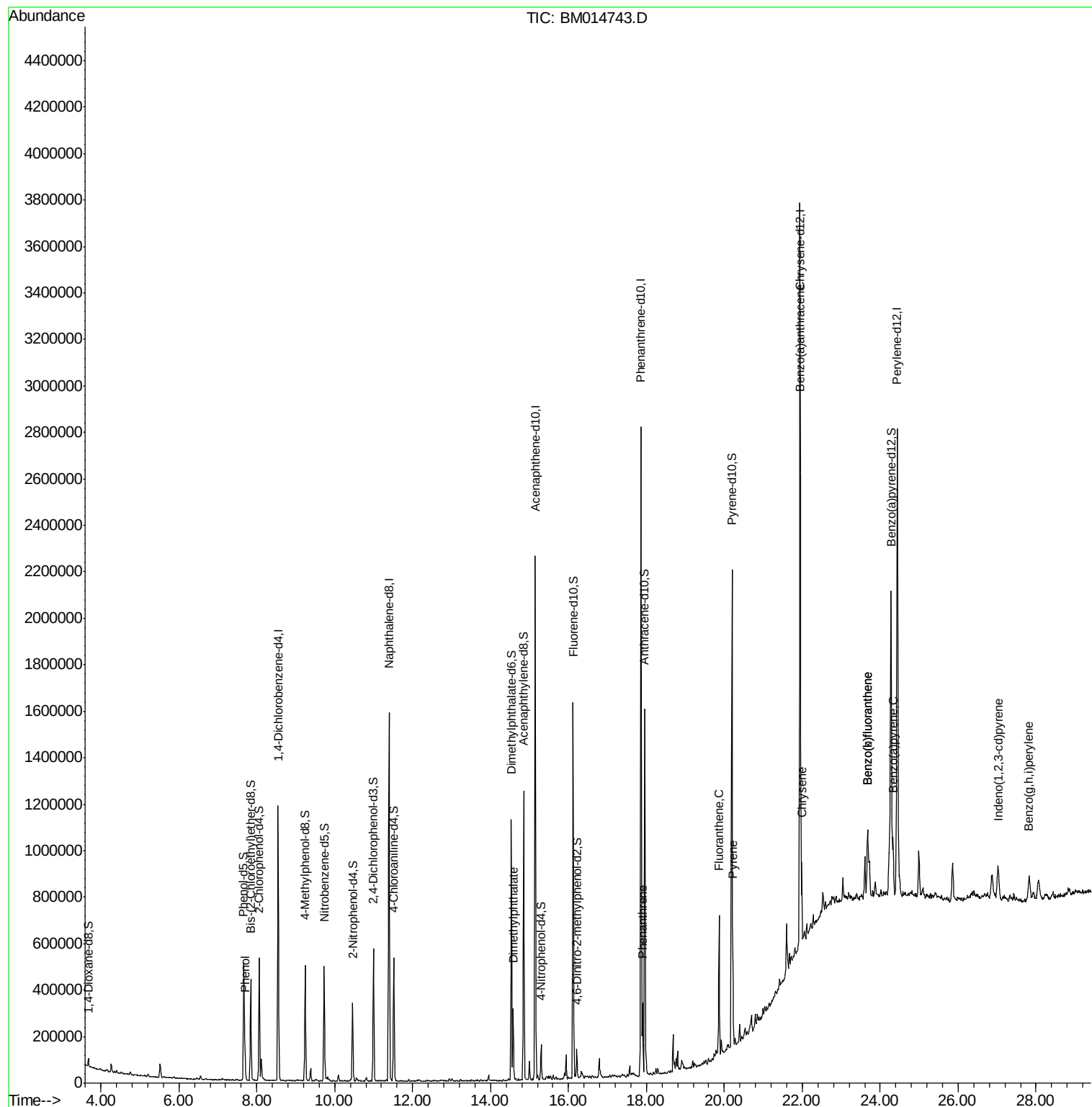
					Ovalue	
6) Phenol	7.69	94	73405	3.183	ng/ul#	78
44) Dimethylphthalate	14.58	163	185739	3.486	ng/ul	100
69) Phenanthrene	17.90	178	172868	2.117	ng/ul	97
74) Fluoranthene	19.86	202	335327	3.766	ng/ul#	82
77) Pyrene	20.22	202	293506	3.325	ng/ul#	78
80) Benzo(a)anthracene	21.93	228	186008	2.105	ng/ul	98
82) Chrysene	21.98	228	182539	2.207	ng/ul	95
85) Benzo(b)fluoranthene	23.67	252	272131	3.009	ng/ul#	96
86) Benzo(k)fluoranthene	23.67	252	272131	3.129	ng/ul#	94
88) Benzo(a)pyrene	24.33	252	178964	2.086	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.02	276	126581	1.220	ng/ul#	89
91) Benzo(g,h,i)perylene	27.83	276	126135	1.477	ng/ul#	88

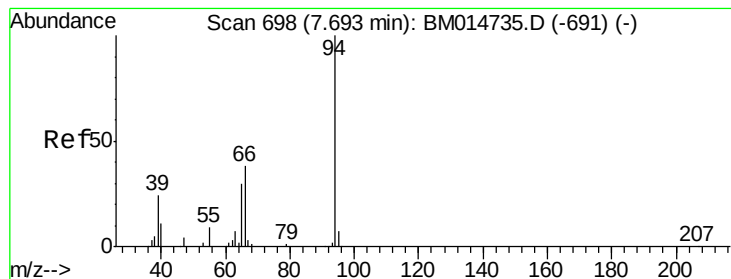
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.183 ng/ul

RT: 7.69 min Scan# 698

Delta R.T. -0.00 min

Lab File: BM014743.D

Acq: 19 Apr 2018 20:54

Instrument :

BNA_M

ClientSampleId :

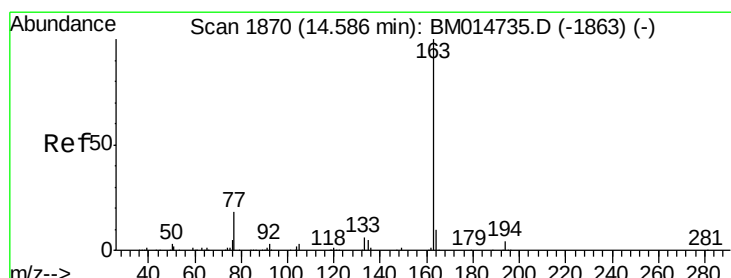
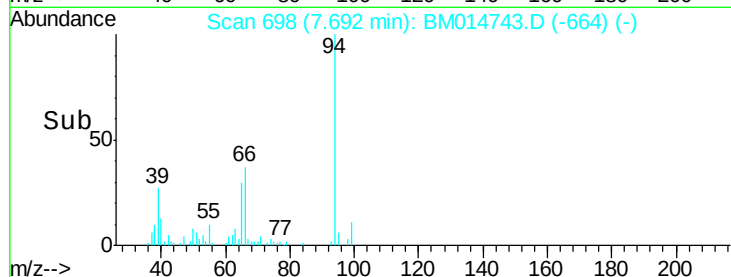
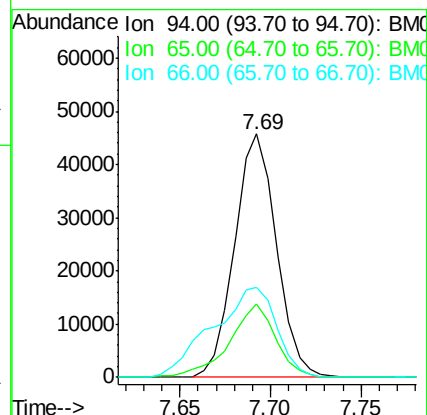
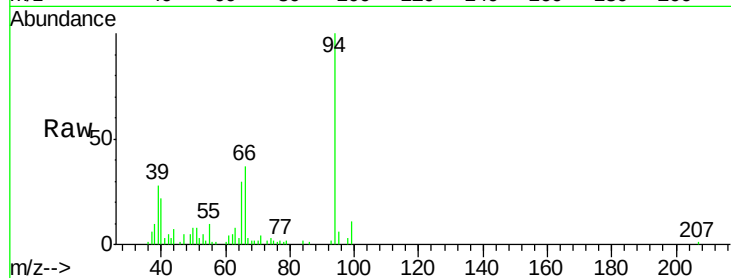
Tot Ion: 94 Resp: 73405

Ion Ratio Lower Upper

94 100

65 30.0 28.2 42.4

66 36.9 47.2 70.8#



#44

Dimethylphthalate

Concen: 3.486 ng/ul

RT: 14.58 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM014743.D

Acq: 19 Apr 2018 20:54

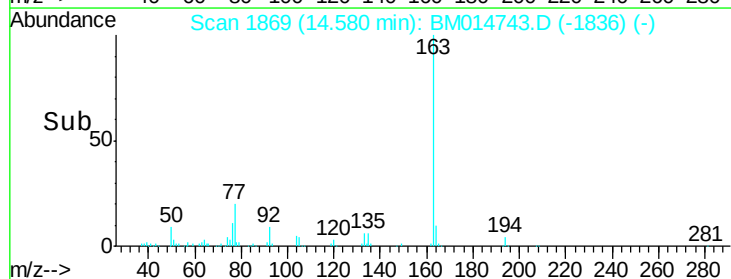
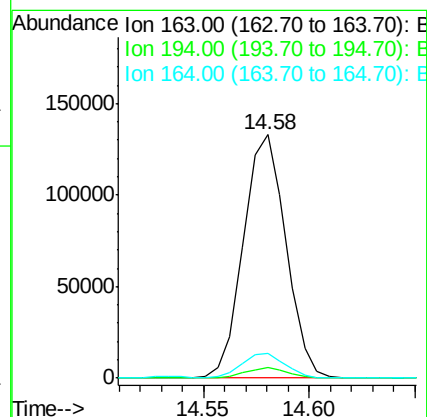
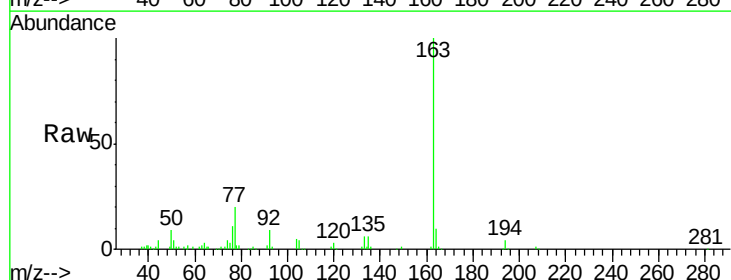
Tgt Ion:163 Resp: 185739

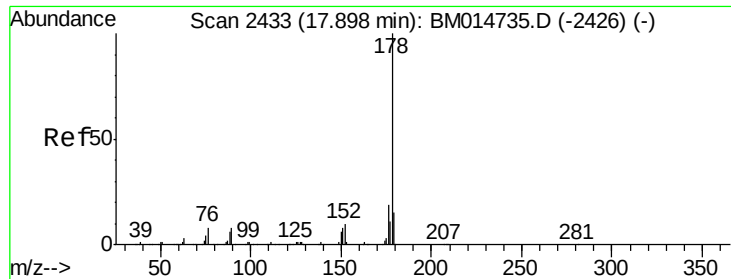
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.3 8.2 12.4





#69

Phenanthrene

Concen: 2.117 ng/ul

RT: 17.90 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BM014743.D

Acq: 19 Apr 2018 20:54

Instrument :

BNA_M

ClientSampleId :

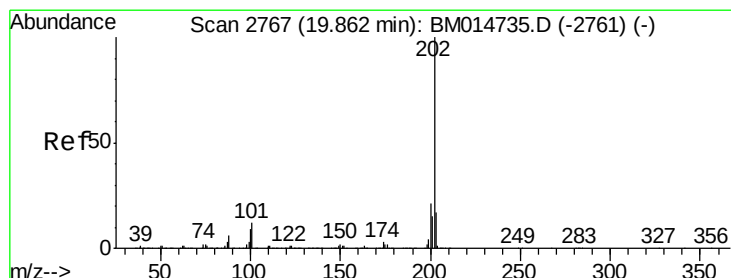
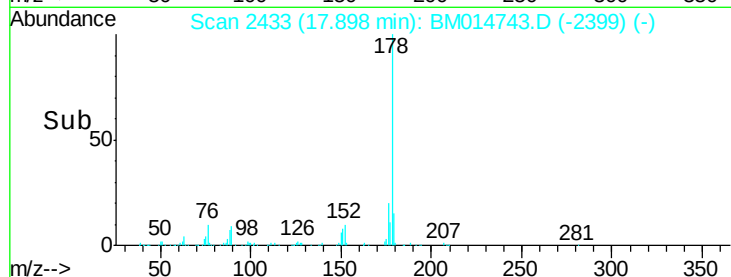
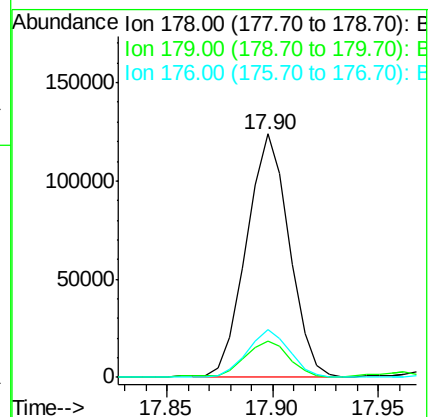
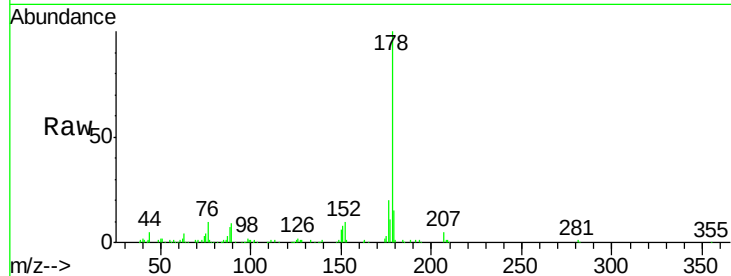
Tot Ion:178 Resp: 172868

Ion Ratio Lower Upper

178 100

179 14.7 12.6 19.0

176 19.7 14.9 22.3



#74

Fluoranthene

Concen: 3.766 ng/ul

RT: 19.86 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BM014743.D

Acq: 19 Apr 2018 20:54

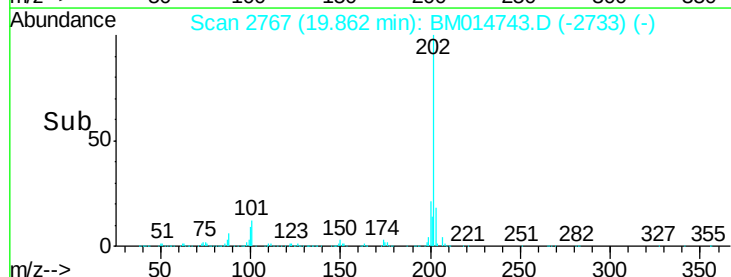
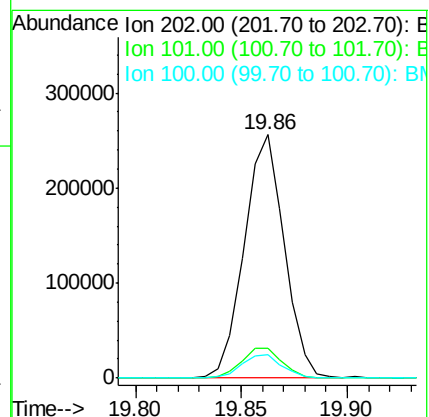
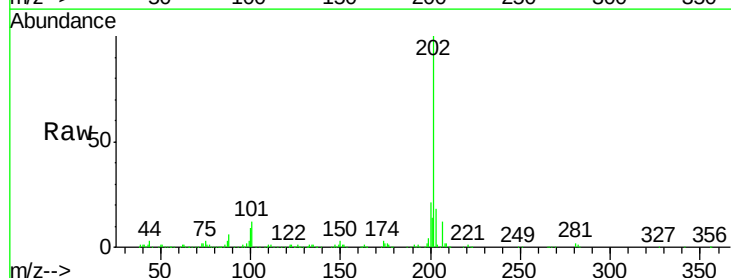
Tgt Ion:202 Resp: 335327

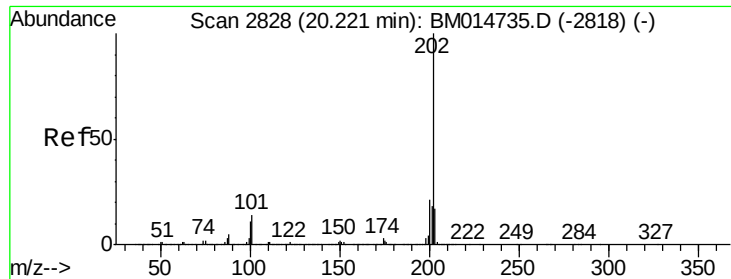
Ion Ratio Lower Upper

202 100

101 12.2 4.6 7.0#

100 9.4 3.4 5.2#

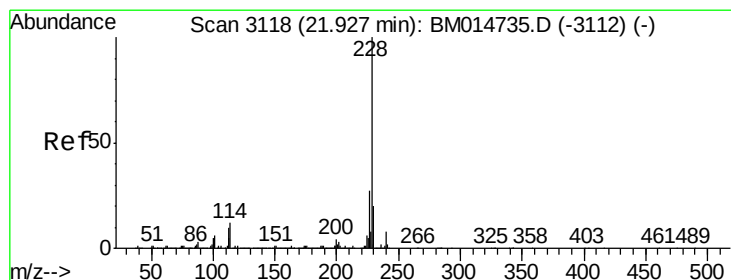
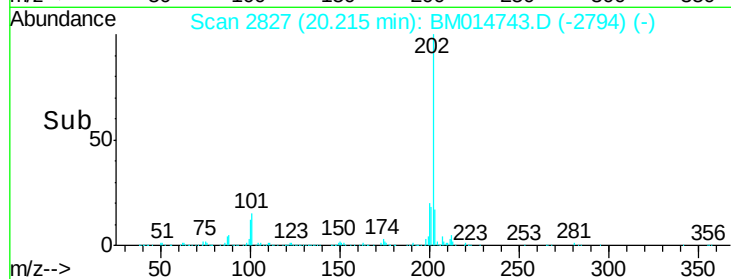
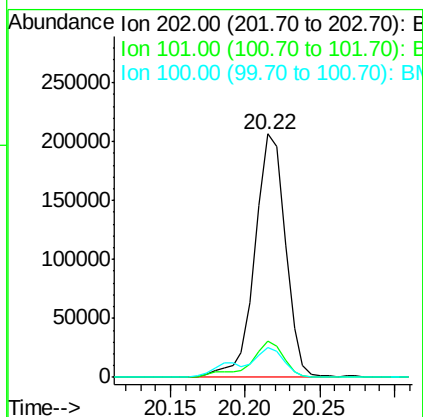
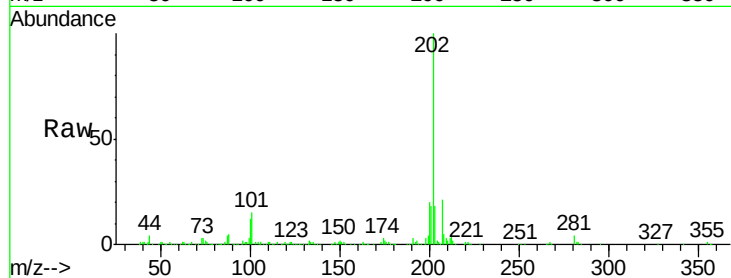




#77
 Pvrene
 Concen: 3.325 ng/ul
 RT: 20.22 min Scan# 2827
 Delta R.T. -0.01 min
 Lab File: BM014743.D
 Acq: 19 Apr 2018 20:54

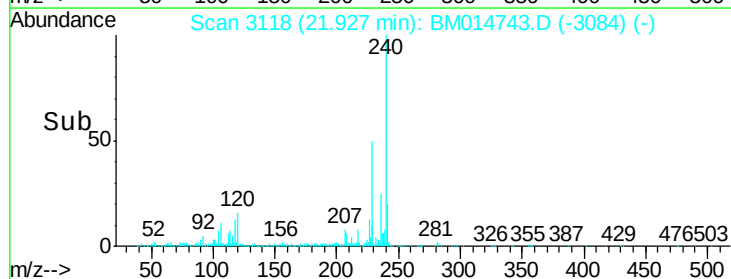
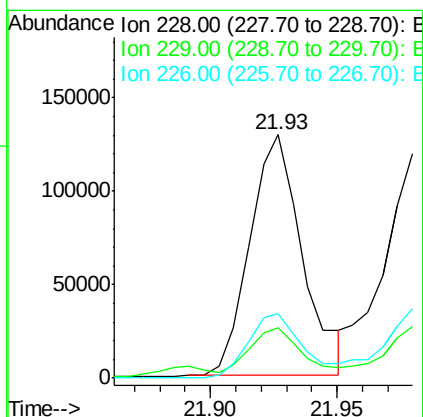
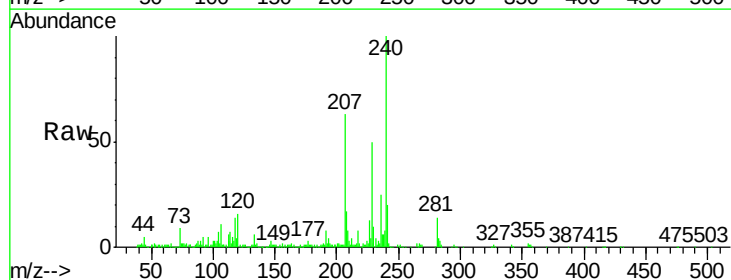
Instrument :
 BNA_M
 ClientSampleId :

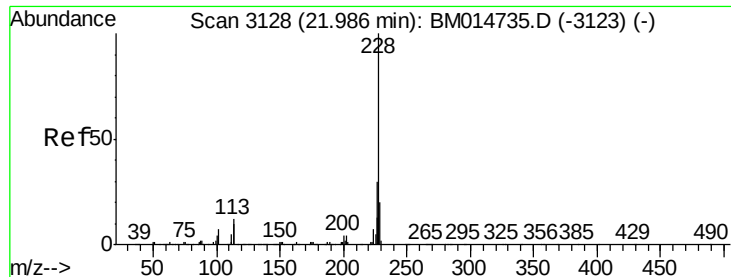
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.8	5.1	7.7#
100	12.4	4.9	7.3#



#80
 Benzo(a)anthracene
 Concen: 2.105 ng/ul
 RT: 21.93 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BM014743.D
 Acq: 19 Apr 2018 20:54

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	26.4	21.4	32.0





#82

Chrysene

Concen: 2.207 ng/ul

RT: 21.98 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM014743.D

Acq: 19 Apr 2018 20:54

Instrument :

BNA_M

ClientSampleId :

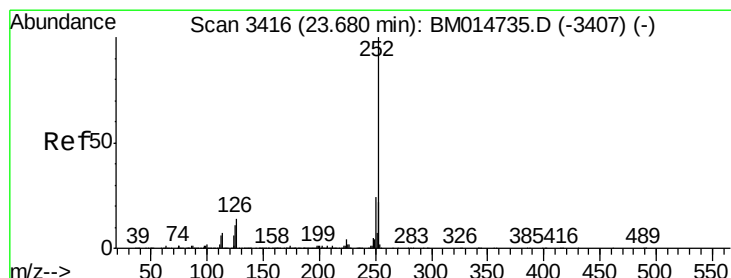
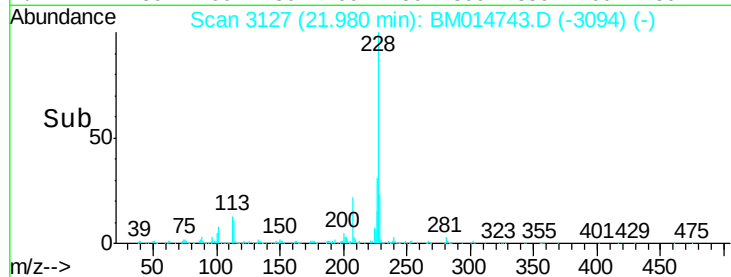
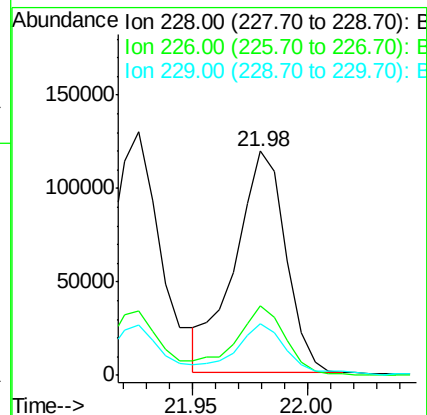
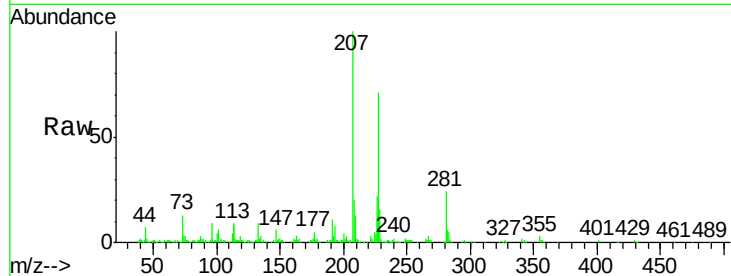
Tot Ion:228 Resp: 182539

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.2

229 22.9 15.5 23.3



#85

Benzo(b)fluoranthene

Concen: 3.009 ng/ul

RT: 23.67 min Scan# 3415

Delta R.T. -0.01 min

Lab File: BM014743.D

Acq: 19 Apr 2018 20:54

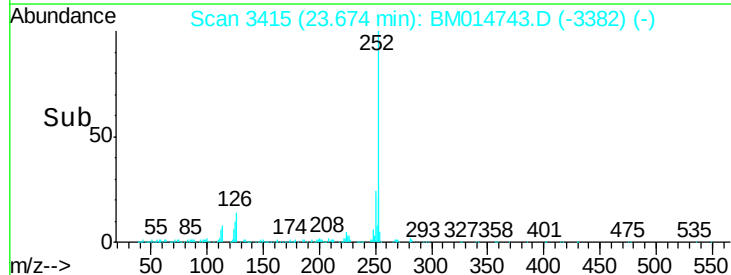
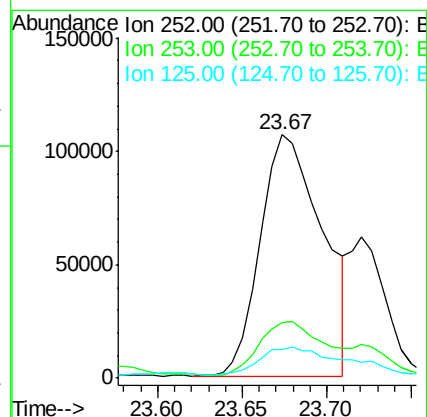
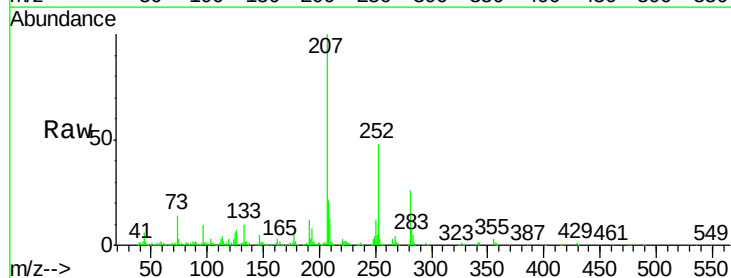
Tgt Ion:252 Resp: 272131

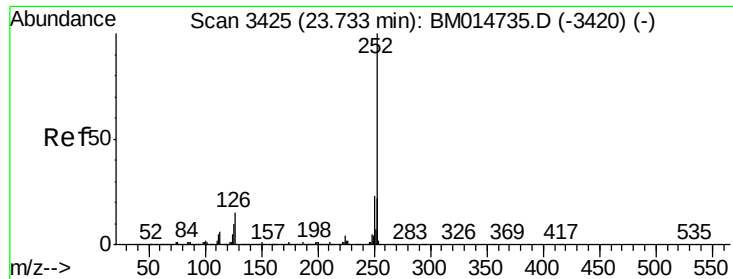
Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 11.9 3.6 5.4#

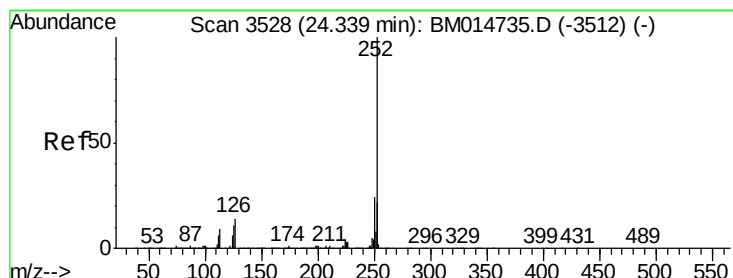
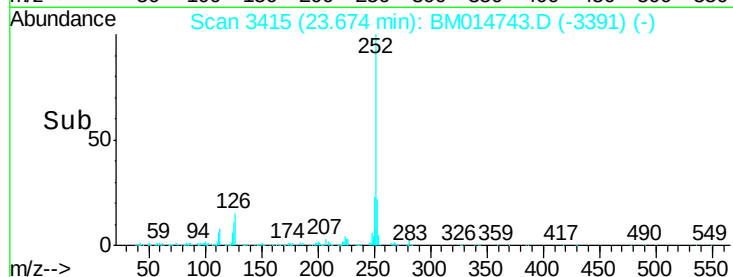
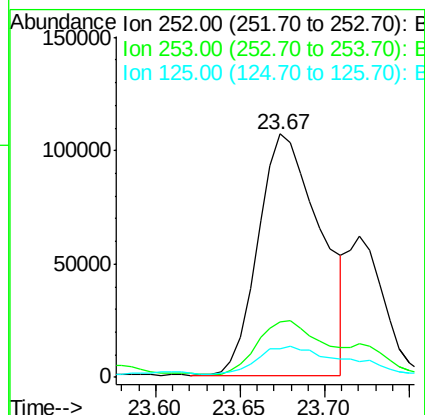
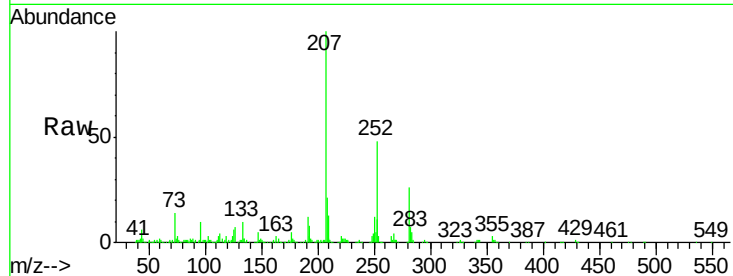




#86
Benzo(k)fluoranthene
Concen: 3.129 ng/ul
RT: 23.67 min Scan# 3415
Delta R.T. -0.06 min
Lab File: BM014743.D
Acq: 19 Apr 2018 20:54

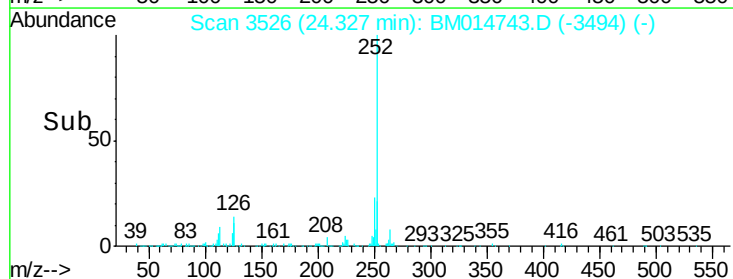
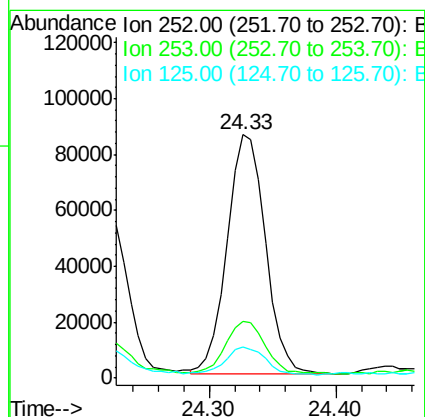
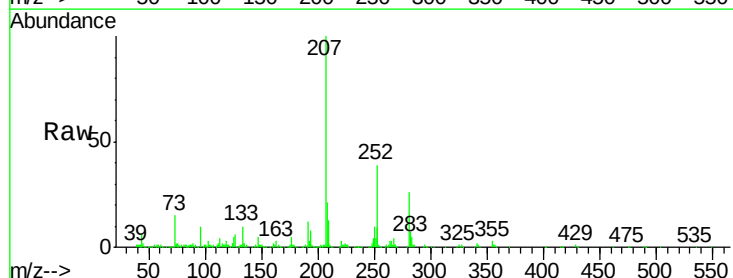
Instrument :
BNA_M
ClientSampled :

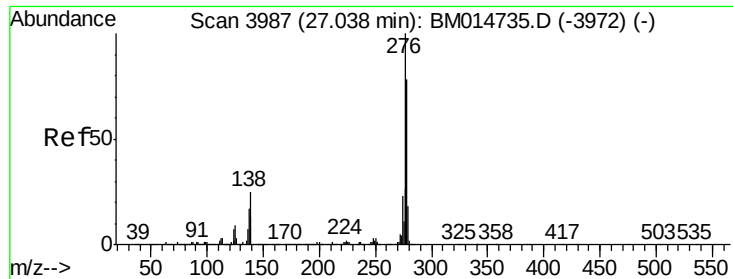
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	11.9	3.4	5.2#



#88
Benzo(a)pyrene
Concen: 2.086 ng/ul
RT: 24.33 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BM014743.D
Acq: 19 Apr 2018 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	12.6	4.0	6.0#



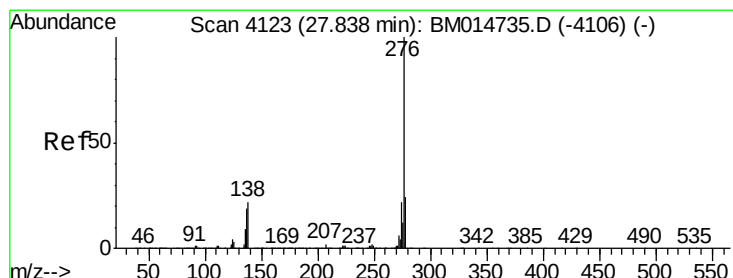
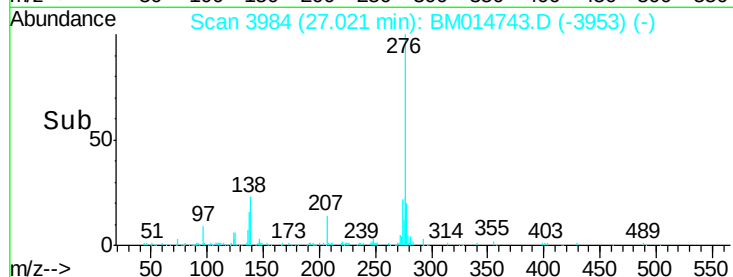
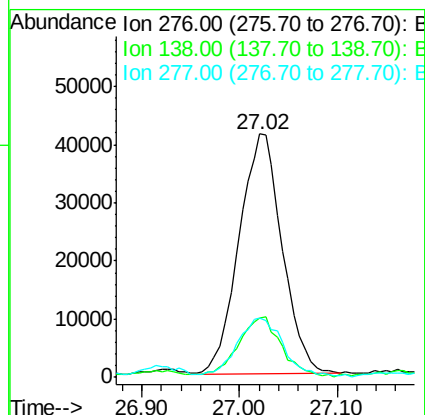
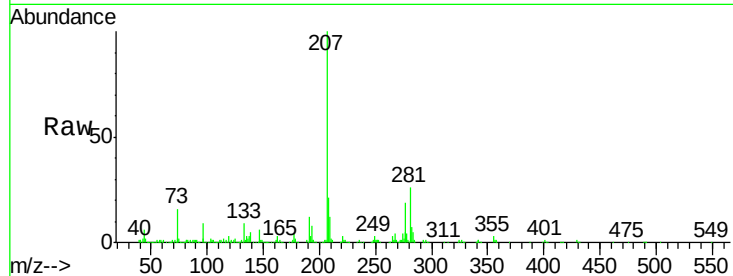


#89

Indeno(1,2,3-cd)pyrene
Concen: 1.220 ng/ul
RT: 27.02 min Scan# 3984
Delta R.T. -0.02 min
Lab File: BM014743.D
Acq: 19 Apr 2018 20:54

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	9.3	13.9#
277	24.6	19.9	29.9



#91

Benzo(g,h,i)perylene
Concen: 1.477 ng/ul
RT: 27.83 min Scan# 4121
Delta R.T. -0.01 min
Lab File: BM014743.D
Acq: 19 Apr 2018 20:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	8.5	12.7#
277	25.6	18.6	28.0

