

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014804.D
 Acq On : 24 Apr 2018 08:04
 Operator : SJ/JU
 Sample : J2434-19DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 12:41:58 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	400902	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1703092	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	895286	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1889499	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1883412	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1991560	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.67	96	9027	0.98	ng/uL	0.00
5) Phenol-d5	7.65	99	146640	4.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	108741	5.47	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	129900	5.01	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	108150	4.38	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	60974	4.95	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	57310	4.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	116200	4.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	136069	5.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	354941	5.08	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	439486	5.09	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	29327	2.26	ng/ul	0.00
57) Fluorene-d10	16.10	176	310050	5.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	12123	1.19	ng/ul	0.00
70) Anthracene-d10	17.93	188	450795	5.12	ng/ul	0.00
76) Pyrene-d10	20.17	212	486550	5.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	483958	4.95	ng/ul	0.00

Target Compounds

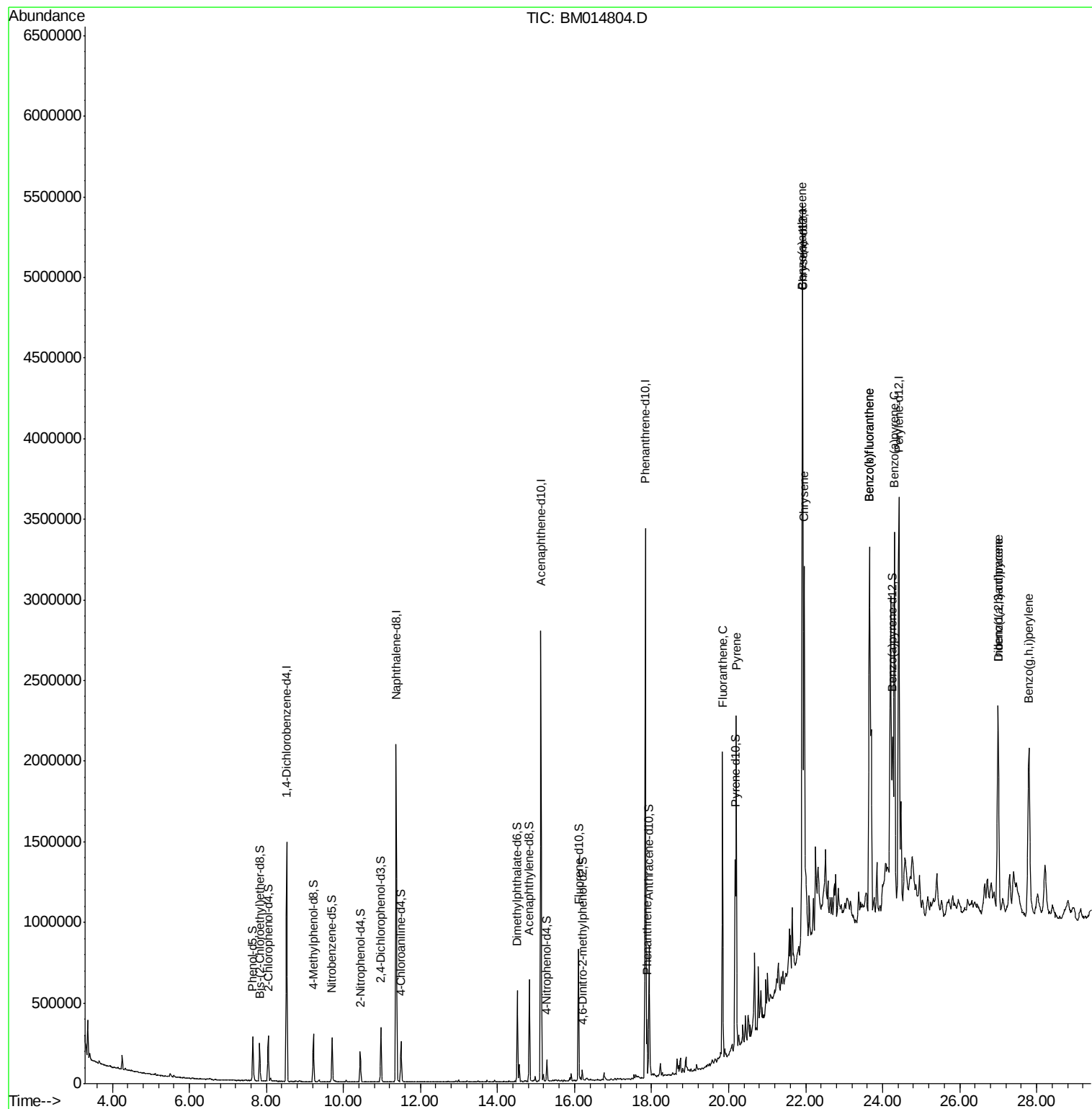
				Ovalue	
69) Phenanthrene	17.88	178	195984	1.931 ng/ul	96
74) Fluoranthene	19.84	202	1068942	9.662 ng/ul#	82
77) Pyrene	20.20	202	1194382	10.854 ng/ul#	78
80) Benzo(a)anthracene	21.91	228	1044589	9.484 ng/ul	98
82) Chrysene	21.96	228	1147932	11.134 ng/ul	97
85) Benzo(b)fluoranthene	23.66	252	2242572	19.102 ng/ul#	95
86) Benzo(k)fluoranthene	23.66	252	2242572	19.865 ng/ul#	93
88) Benzo(a)pyrene	24.31	252	1684078	15.122 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.00	276	1265403	9.393 ng/ul#	91
90) Dibenzo(a,h)anthracene	26.99	278	321222	2.832 ng/ul#	90
91) Benzo(g,h,i)perylene	27.80	276	1309263	11.813 ng/ul#	90

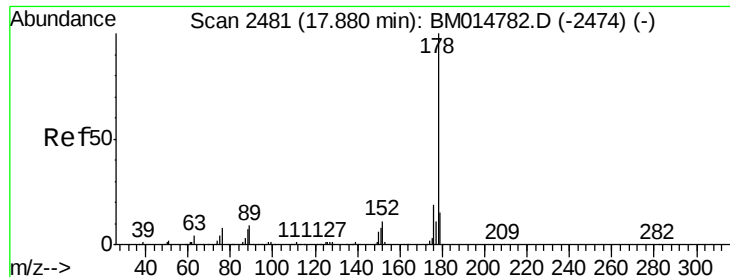
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#69

Phenanthrene

Concen: 1.931 ng/ul

RT: 17.88 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BM014804.D

Acq: 24 Apr 2018 08:04

Instrument :

BNA_M

ClientSampleId :

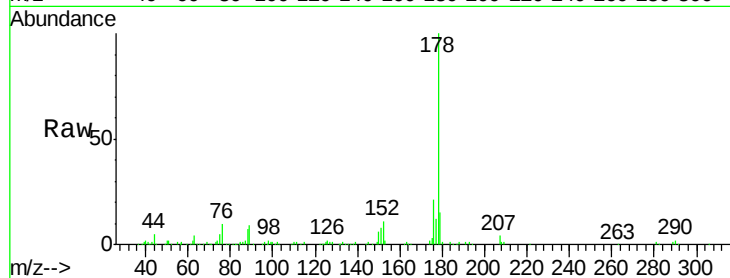
Tot Ion:178 Resp: 195984

Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

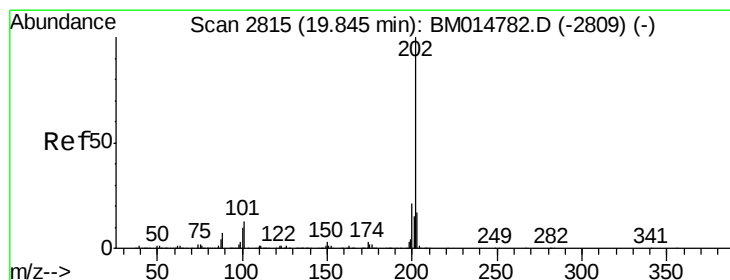
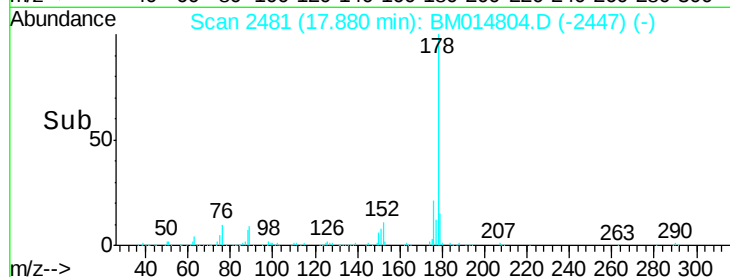
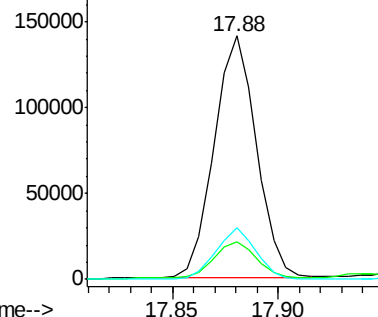
176 21.1 14.9 22.3



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: 9.662 ng/ul

RT: 19.84 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BM014804.D

Acq: 24 Apr 2018 08:04

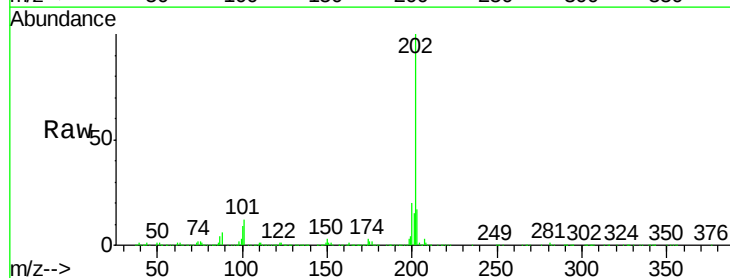
Tgt Ion:202 Resp: 1068942

Ion Ratio Lower Upper

202 100

101 12.3 4.6 7.0#

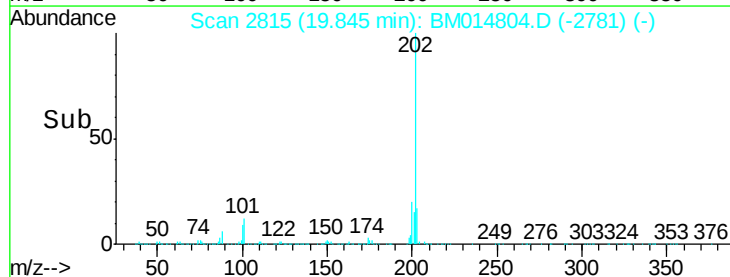
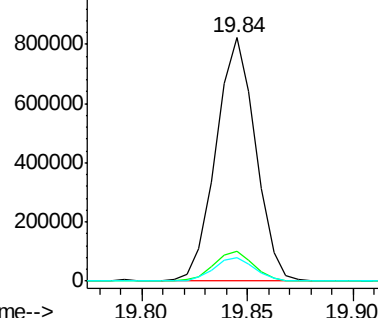
100 9.4 3.4 5.2#

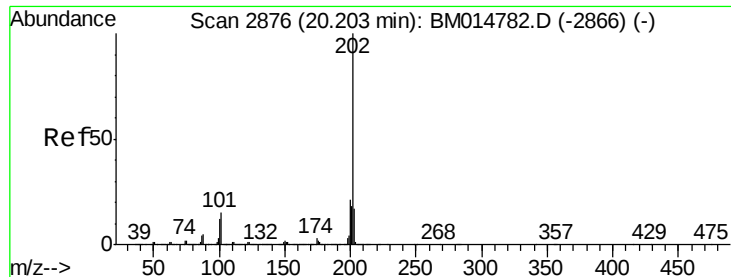


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 10.854 ng/ul

RT: 20.20 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BM014804.D

Acq: 24 Apr 2018 08:04

Instrument :

BNA_M

ClientSampleId :

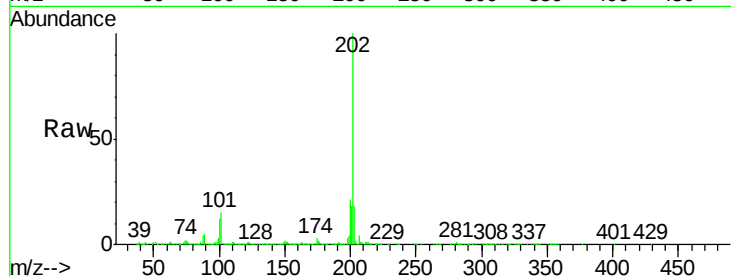
Tot Ion:202 Resp: 1194382

Ion Ratio Lower Upper

202 100

101 15.0 5.1 7.7#

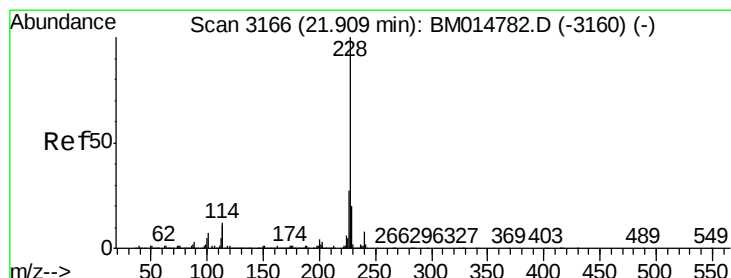
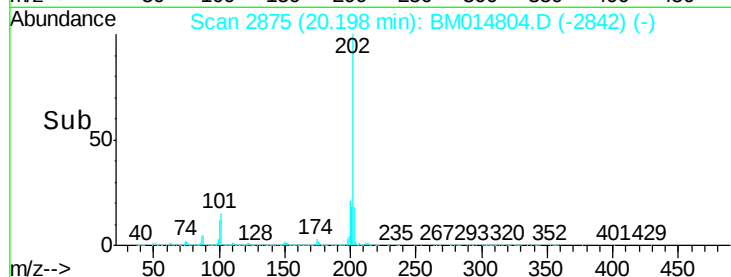
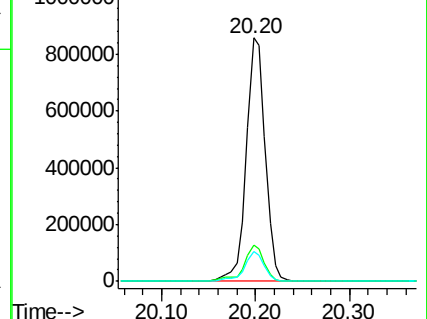
100 12.4 4.9 7.3#



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: 9.484 ng/ul

RT: 21.91 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BM014804.D

Acq: 24 Apr 2018 08:04

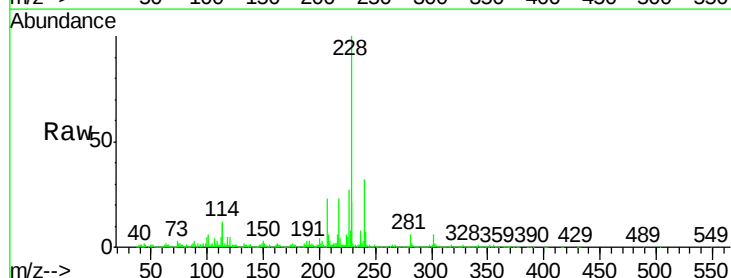
Tgt Ion:228 Resp: 1044589

Ion Ratio Lower Upper

228 100

229 20.5 15.4 23.0

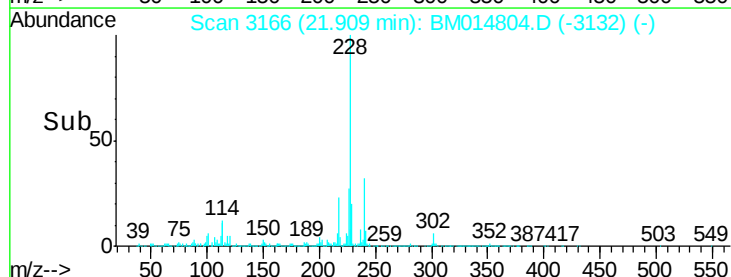
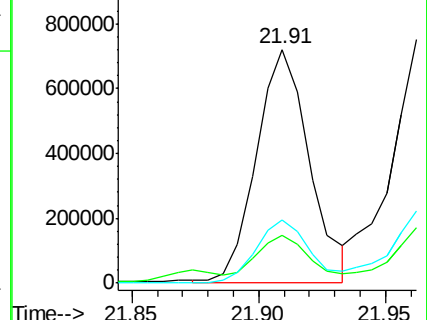
226 27.0 21.4 32.0

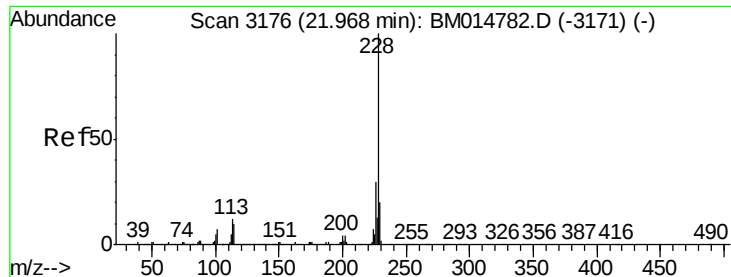


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 11.134 ng/ul

RT: 21.96 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BM014804.D

Acq: 24 Apr 2018 08:04

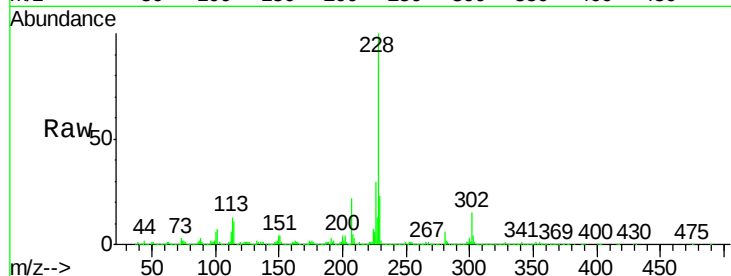
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 1147932

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	22.6	15.5	23.3

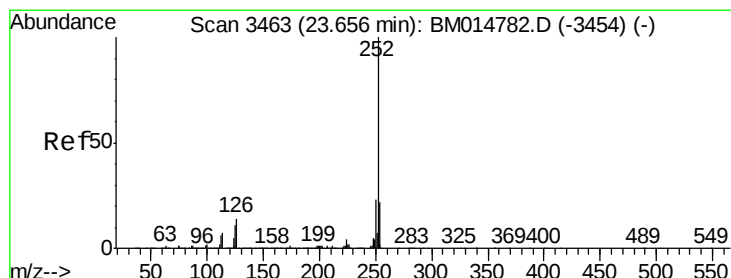
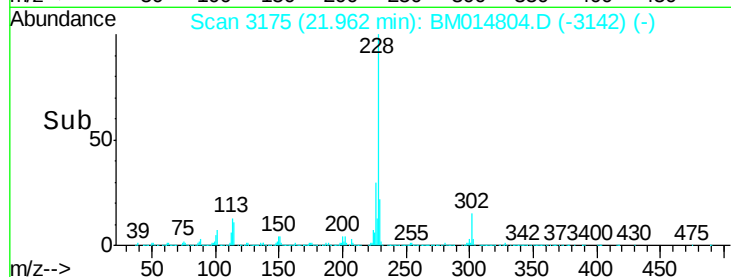
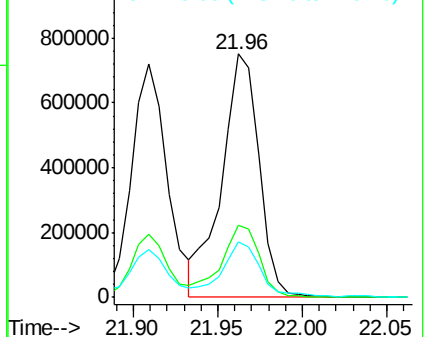


Abundance

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: 19.102 ng/ul

RT: 23.66 min Scan# 3463

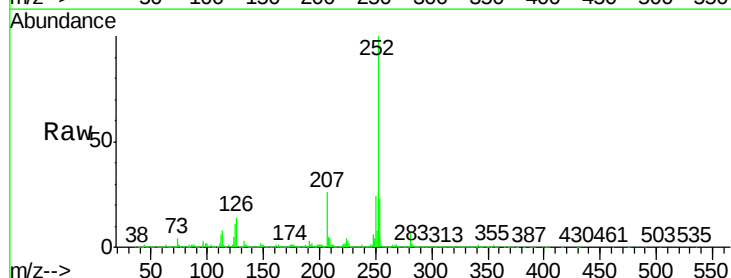
Delta R.T. 0.00 min

Lab File: BM014804.D

Acq: 24 Apr 2018 08:04

Tgt Ion:252 Resp: 2242572

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	11.1	3.6	5.4

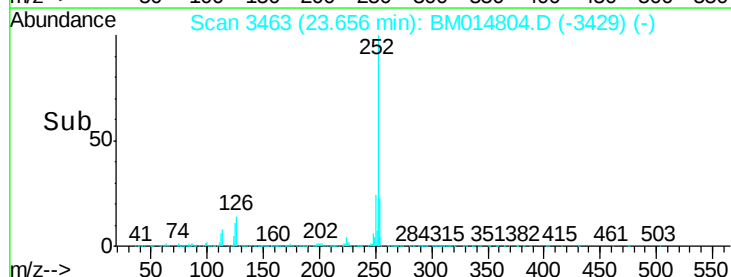
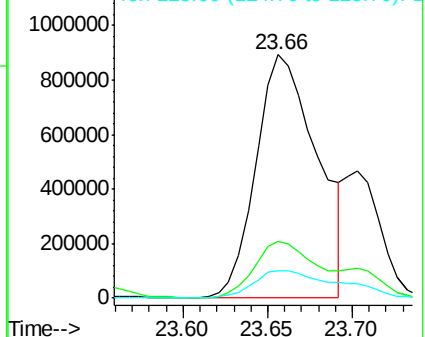


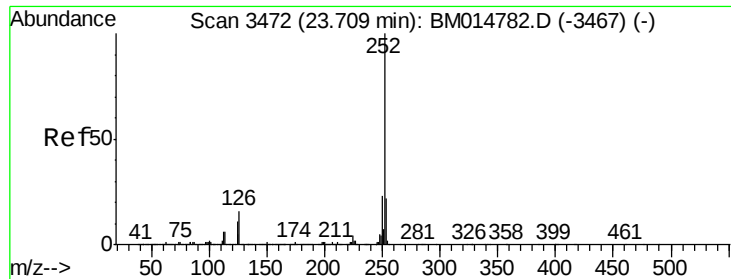
Abundance

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

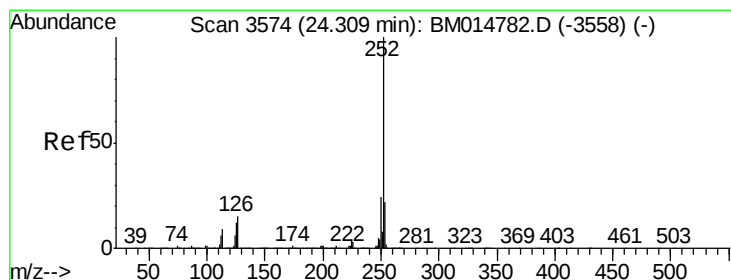
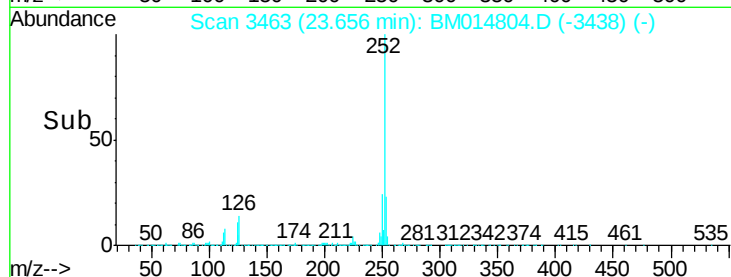
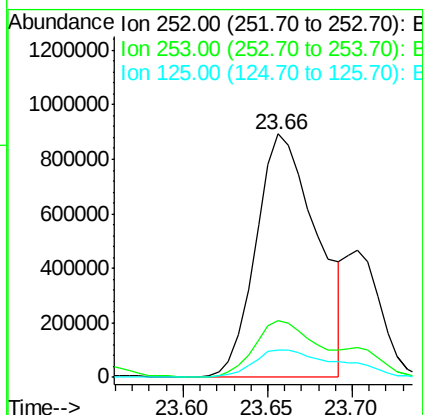
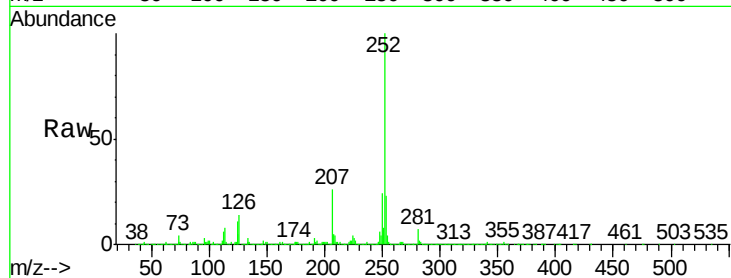




#86
Benzo(k)fluoranthene
Concen: 19.865 ng/ul
RT: 23.66 min Scan# 3463
Delta R.T. -0.05 min
Lab File: BM014804.D
Acq: 24 Apr 2018 08:04

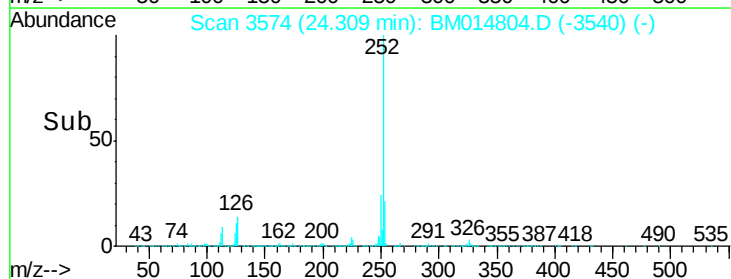
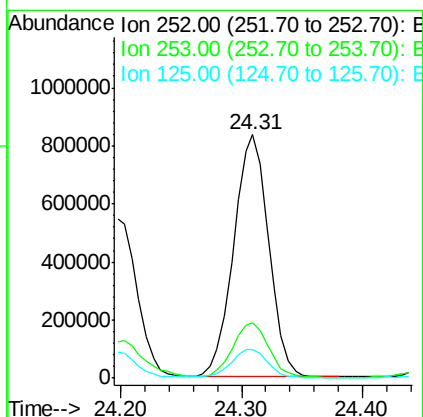
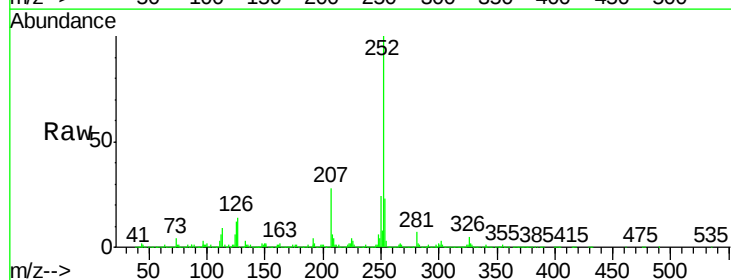
Instrument :
BNA_M
ClientSampleId :

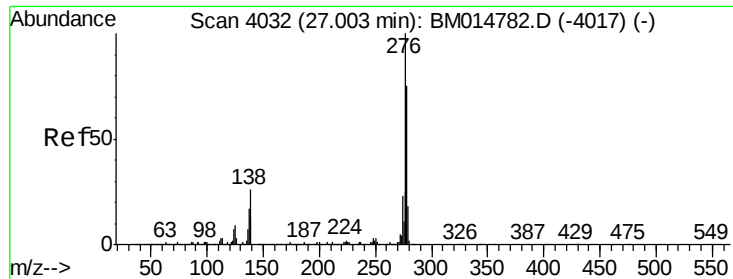
Tot Ion:252 Resp: 2242572
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 11.1 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 15.122 ng/ul
RT: 24.31 min Scan# 3574
Delta R.T. 0.00 min
Lab File: BM014804.D
Acq: 24 Apr 2018 08:04

Tgt Ion:252 Resp: 1684078
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 11.9 4.0 6.0#

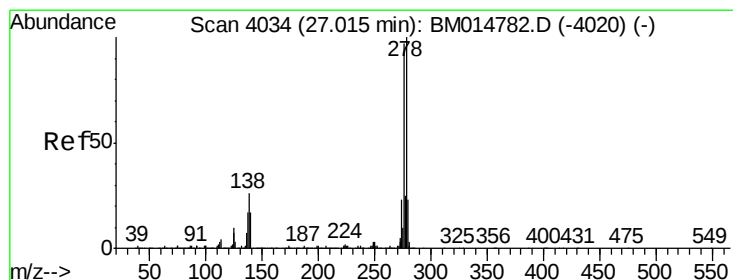
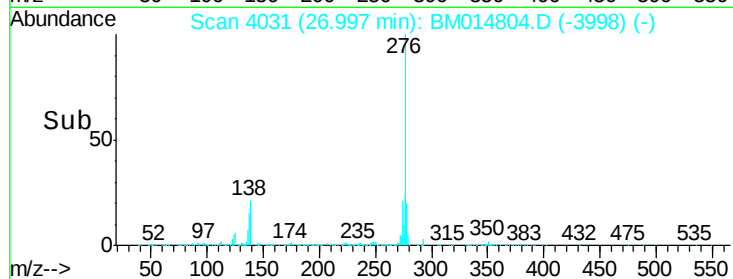
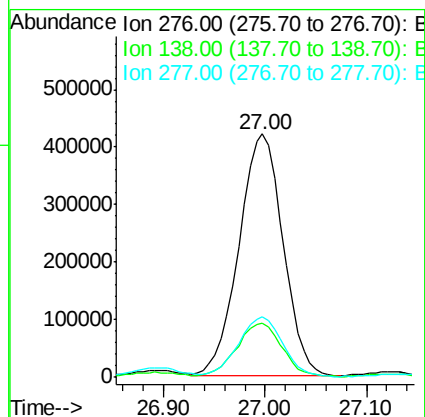
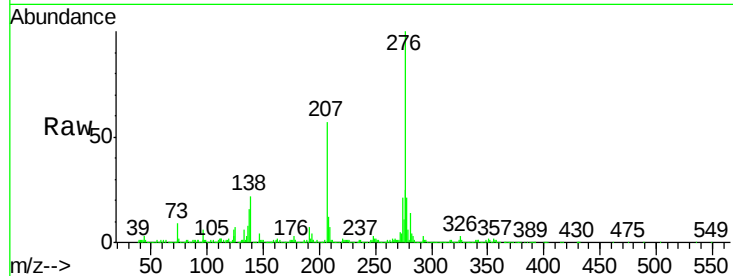




#89
 Indeno(1,2,3-cd)pyrene
 Concen: 9.393 ng/ul
 RT: 27.00 min Scan# 4031
 Delta R.T. -0.01 min
 Lab File: BM014804.D
 Acq: 24 Apr 2018 08:04

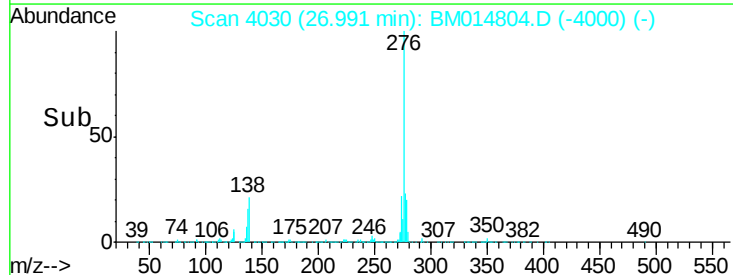
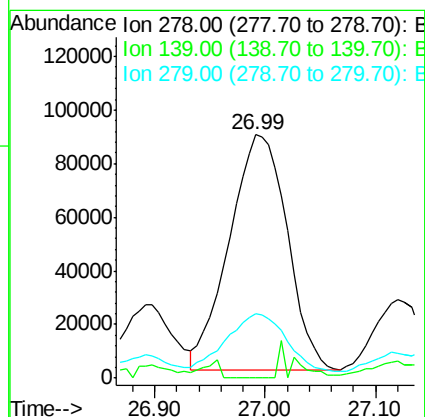
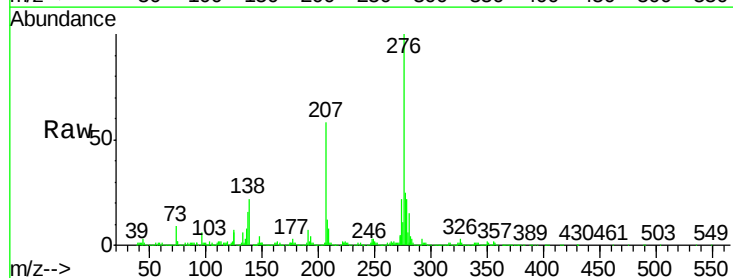
Instrument :
 BNA_M
 ClientSampleId :

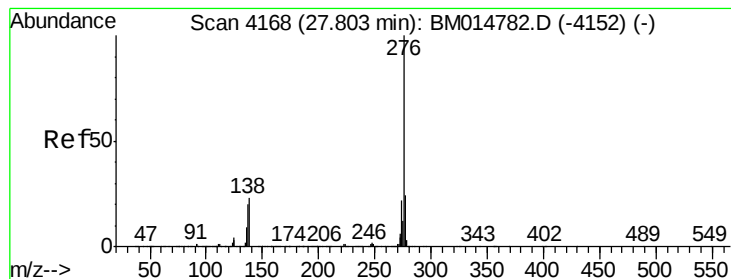
Tot Ion:276 Resp: 1265403
 Ion Ratio Lower Upper
 276 100
 138 22.0 9.3 13.9#
 277 24.9 19.9 29.9



#90
 Dibenzo(a,h)anthracene
 Concen: 2.832 ng/ul
 RT: 26.99 min Scan# 4030
 Delta R.T. -0.02 min
 Lab File: BM014804.D
 Acq: 24 Apr 2018 08:04

Tgt Ion:278 Resp: 321222
 Ion Ratio Lower Upper
 278 100
 139 0.0 5.8 8.8#
 279 26.3 18.6 27.8





#91

Benzo(a,h,i)perylene

Concen: 11.813 ng/ul

RT: 27.80 min Scan# 4167

Delta R.T. -0.01 min

Lab File: BM014804.D

Acq: 24 Apr 2018 08:04

Instrument :

BNA_M

ClientSampleId :

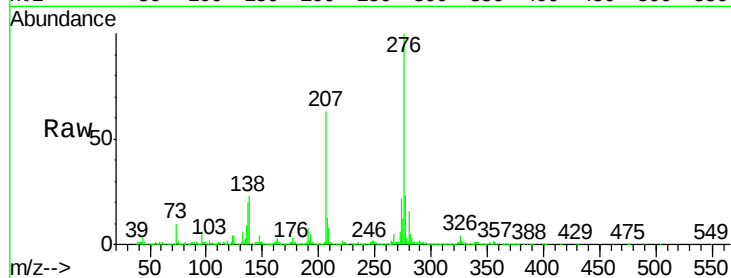
Tot Ion:276 Resp: 1309263

Ion Ratio Lower Upper

276 100

138 22.7 8.5 12.7#

277 23.4 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

