

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023106.D
 Acq On : 10 Oct 2019 05:54
 Operator : JU
 Sample : K5177-22
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 10 07:03:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	173984	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	694856	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	389206	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.15	188	751397	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	762095	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	902189	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	13067	3.25	ng/uL	0.00
5) Phenol-d5	6.94	99	224248	14.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	142806	16.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	201848	16.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	120853	9.60	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	97316	18.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	104075	17.77	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.18	165	186008	15.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	192681	13.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	543115	17.98	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	649987	18.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	57289	9.60	ng/ul	0.00
58) Fluorene-d10	15.40	176	467984	18.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	43837	8.96	ng/ul	0.00
71) Anthracene-d10	17.25	188	687682	18.74	ng/ul	0.00
79) Pyrene-d10	19.54	212	824606	20.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	948768	20.33	ng/ul	-0.01

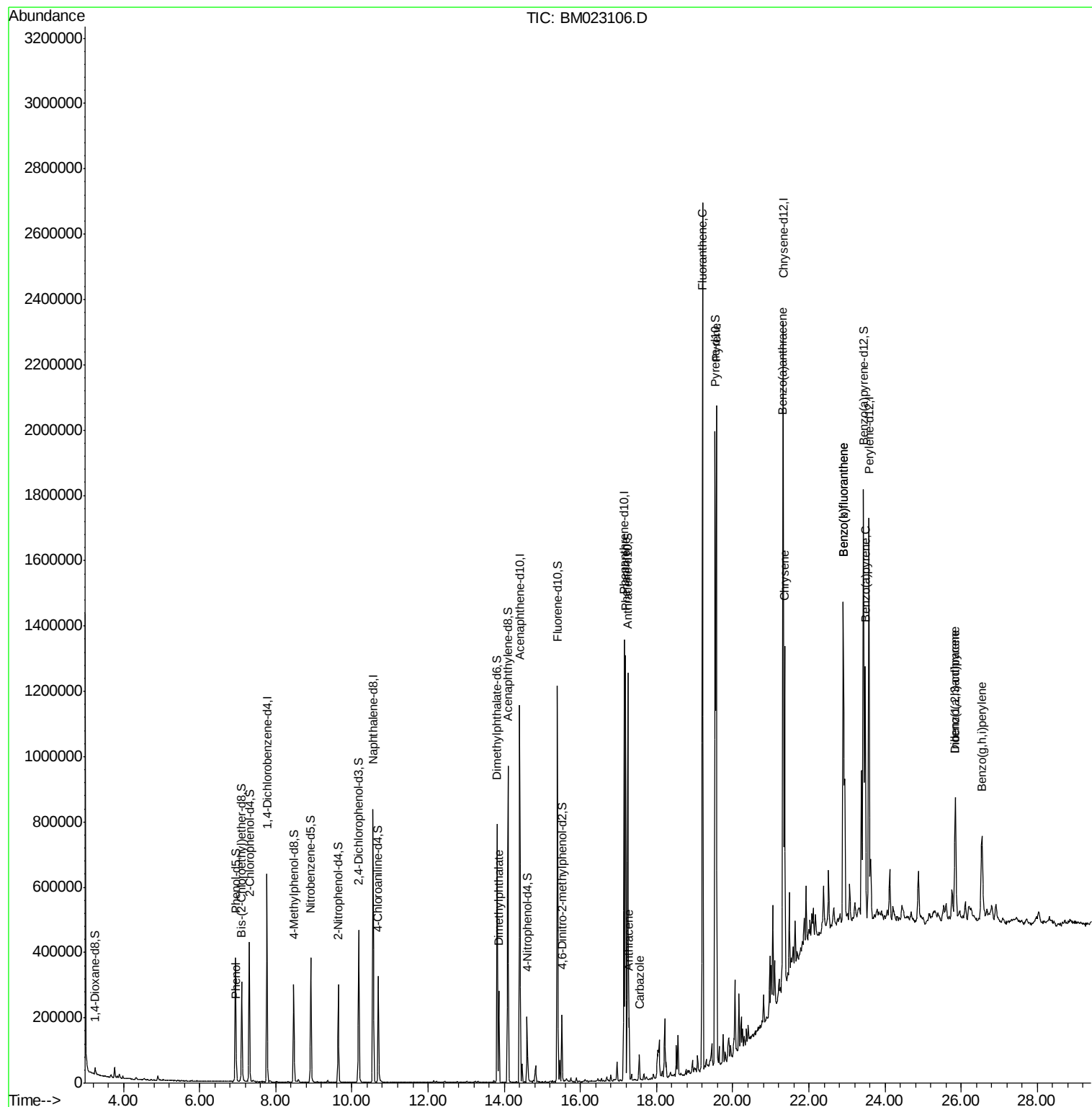
Target Compounds				Ovalue		
6) Phenol	6.96	94	35453	2.200	ng/ul	96
45) Dimethylphthalate	13.86	163	181095	5.836	ng/ul	100
70) Phenanthrene	17.19	178	777595	17.340	ng/ul	99
72) Anthracene	17.28	178	122793	2.687	ng/ul	100
75) Carbazole	17.55	167	47520	1.170	ng/ul	96
77) Fluoranthene	19.20	202	1530852	30.352	ng/ul	100
80) Pyrene	19.57	202	1199486	22.203	ng/ul	99
83) Benzo(a)anthracene	21.31	228	521393	9.529	ng/ul	100
85) Chrysene	21.36	228	547503	10.853	ng/ul	98
88) Benzo(b)fluoranthene	22.90	252	752641	12.571	ng/ul	100
89) Benzo(k)fluoranthene	22.90	252	752641	13.140	ng/ul	99
91) Benzo(a)pyrene	23.48	252	489469	8.714	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.85	276	362364	6.074	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.85	278	81160	1.626	ng/ul#	84
94) Benzo(g,h,i)perylene	26.54	276	324461	6.741	ng/ul	99

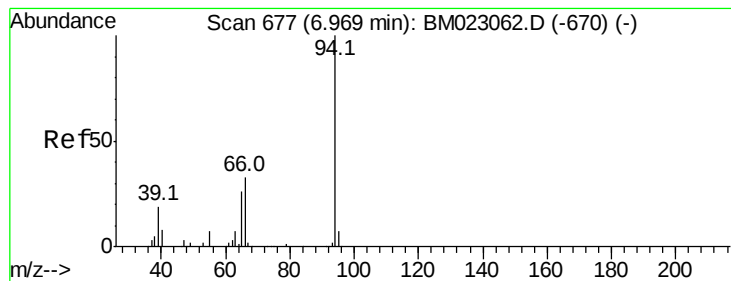
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023106.D
Acq On : 10 Oct 2019 05:54
Operator : JU
Sample : K5177-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 10 07:03:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.200 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. -0.01 min

Lab File: BM023106.D

Acq: 10 Oct 2019 05:54

Instrument :

BNA_M

ClientSampled :

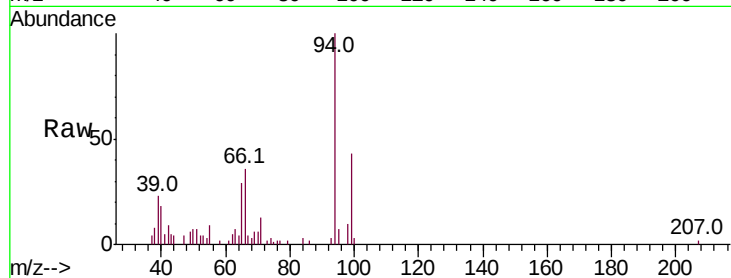
Tot Ion: 94 Resp: 35453

Ion Ratio Lower Upper

94 100

65 28.5 20.9 31.3

66 36.4 27.2 40.8

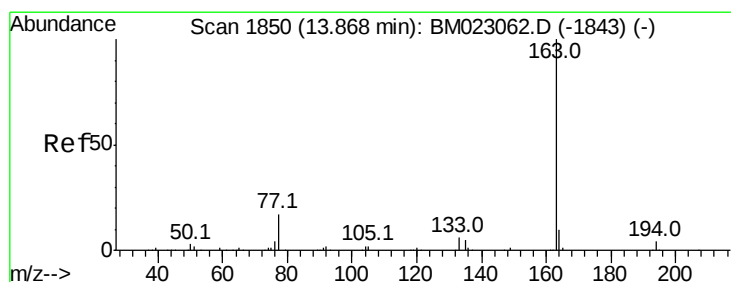
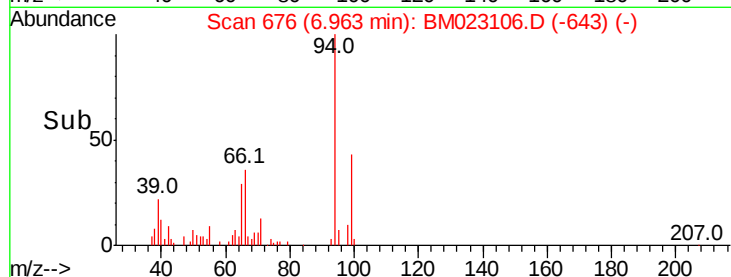
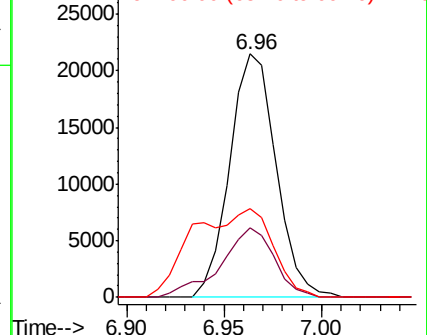


Abundance

Ion 94.00 (93.70 to 94.70): BM023106.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM023106.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM023106.D (-670) (-)



#45

Dimethylphthalate

Concen: 5.836 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM023106.D

Acq: 10 Oct 2019 05:54

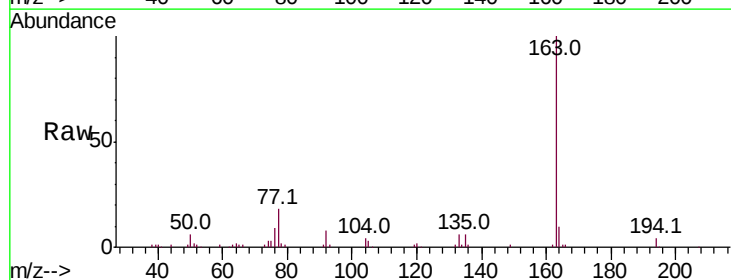
Tgt Ion: 163 Resp: 181095

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.0 8.1 12.1

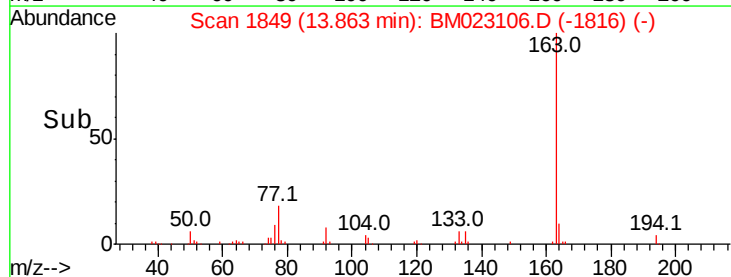
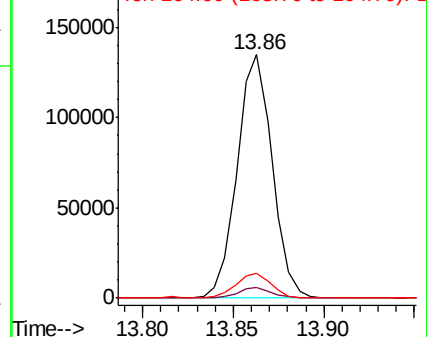


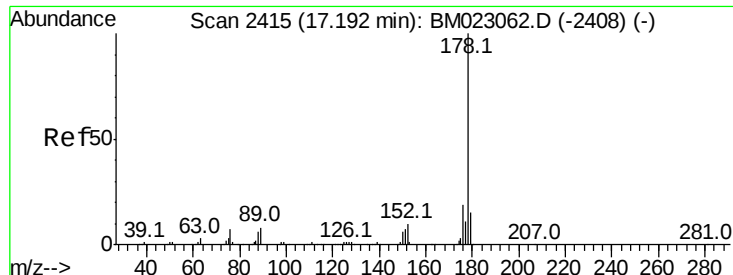
Abundance

Ion 163.00 (162.70 to 163.70): BM023106.D (-1816) (-)

Ion 194.00 (193.70 to 194.70): BM023106.D (-1816) (-)

Ion 164.00 (163.70 to 164.70): BM023106.D (-1816) (-)

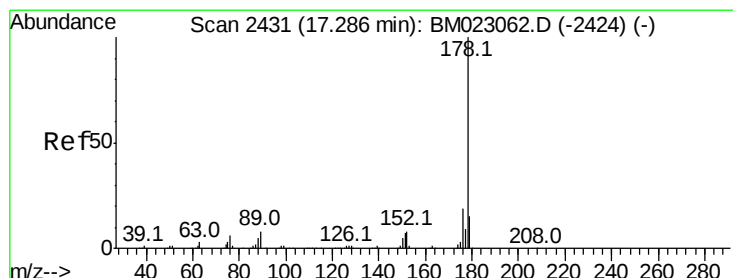
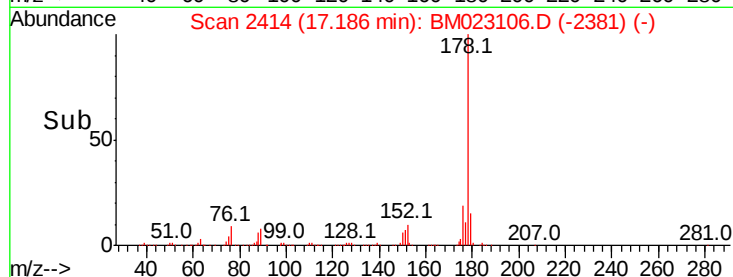
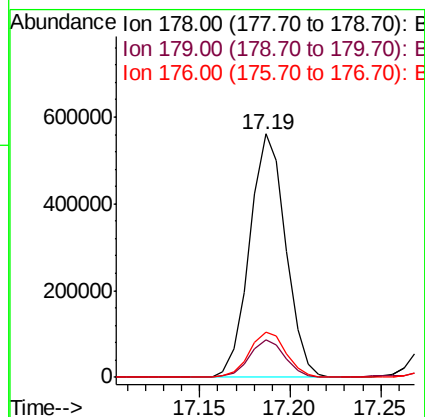
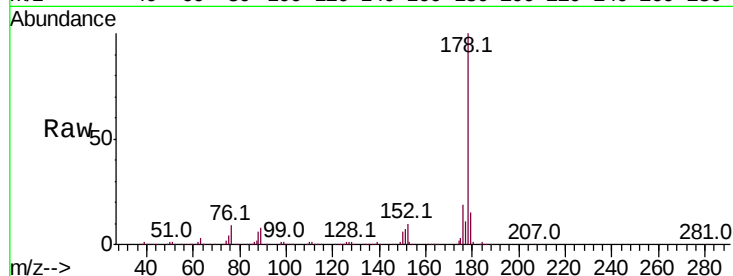




#70
Phenanthrene
Concen: 17.340 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM023106.D
Acq: 10 Oct 2019 05:54

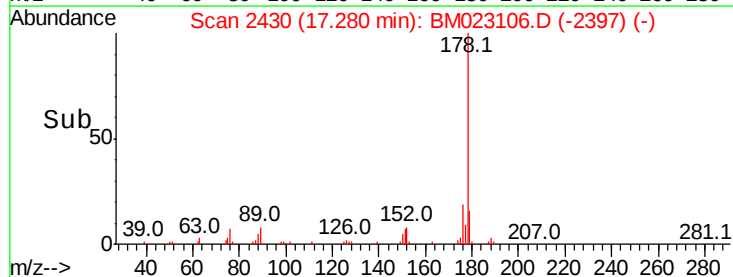
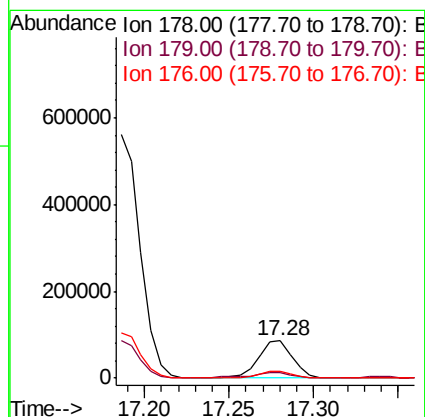
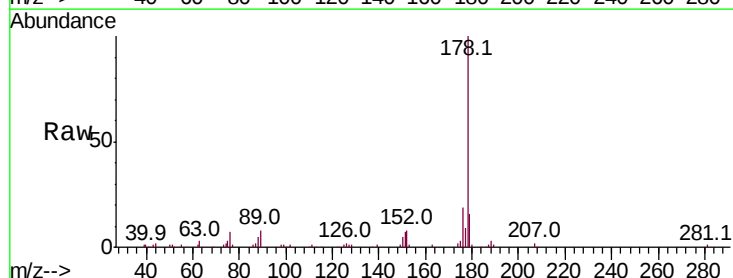
Instrument :
BNA_M
ClientSampleId :

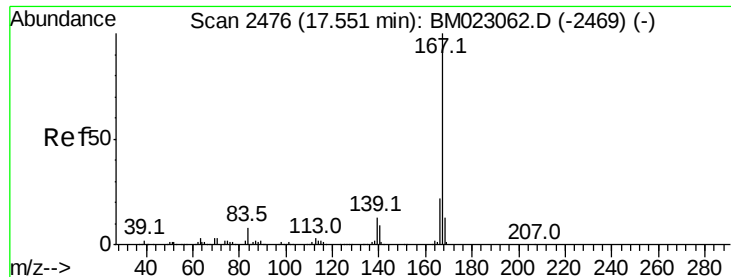
Tot Ion:178 Resp: 777595
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.8 15.3 22.9



#72
Anthracene
Concen: 2.687 ng/ul
RT: 17.28 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM023106.D
Acq: 10 Oct 2019 05:54

Tgt Ion:178 Resp: 122793
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 18.9 15.0 22.6

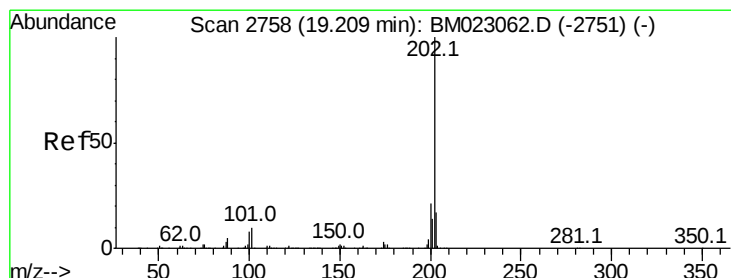
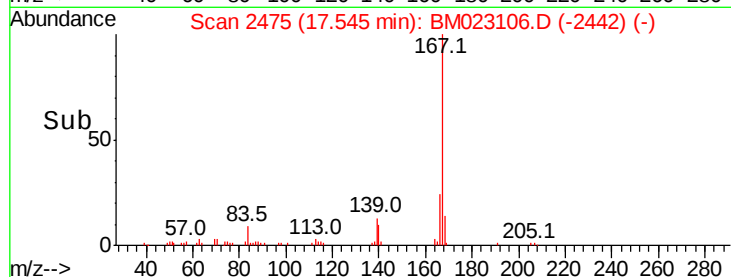
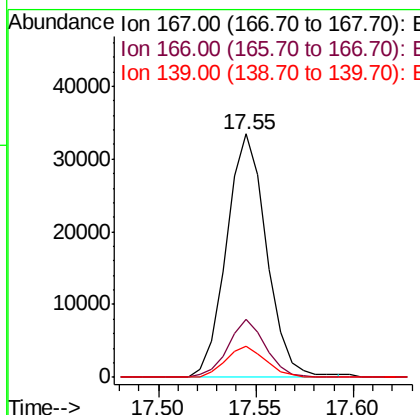
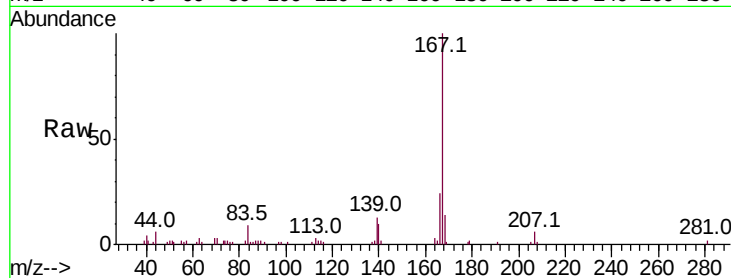




#75
 Carbazole
 Concen: 1.170 ng/ul
 RT: 17.55 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM023106.D
 Acq: 10 Oct 2019 05:54

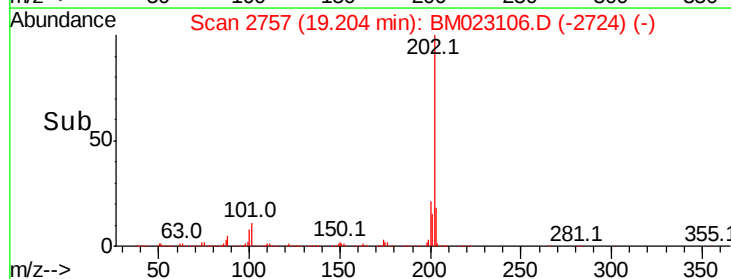
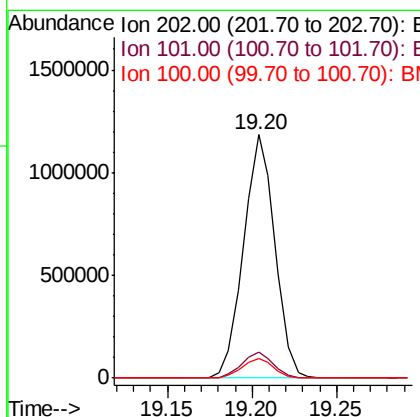
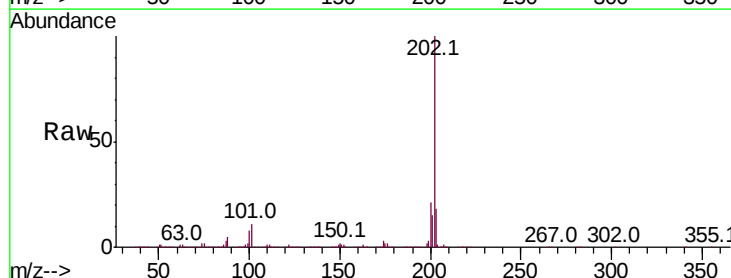
Instrument :
 BNA_M
 ClientSampleId :

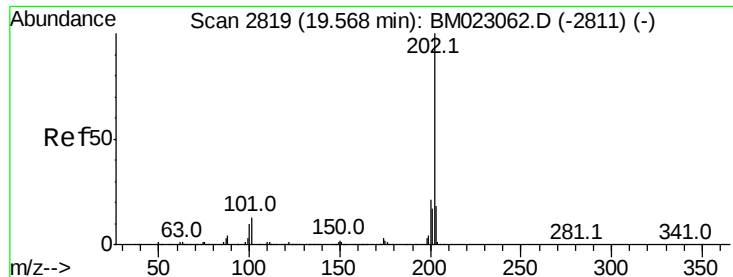
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	17.1	25.7
139	13.0	9.9	14.9



#77
 Fluoranthene
 Concen: 30.352 ng/ul
 RT: 19.20 min Scan# 2757
 Delta R.T. -0.01 min
 Lab File: BM023106.D
 Acq: 10 Oct 2019 05:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.6	12.8
100	8.2	6.4	9.6

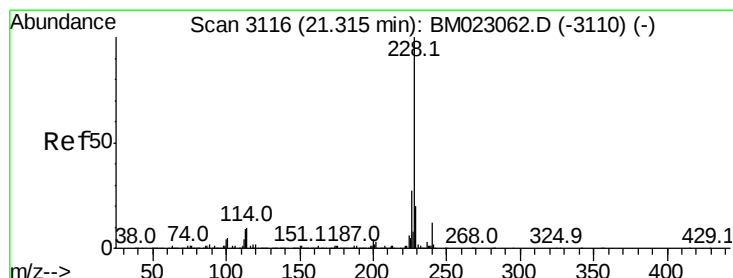
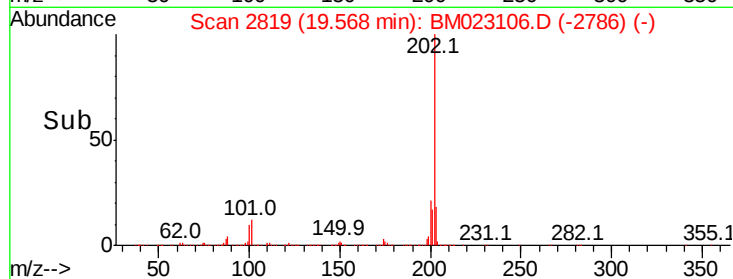
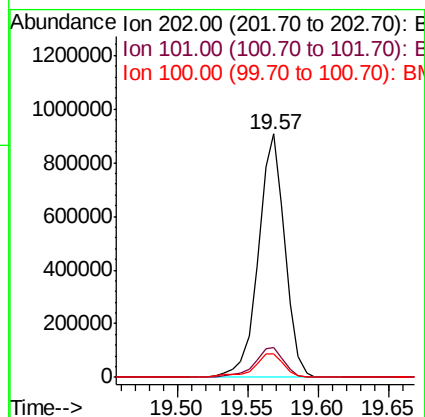
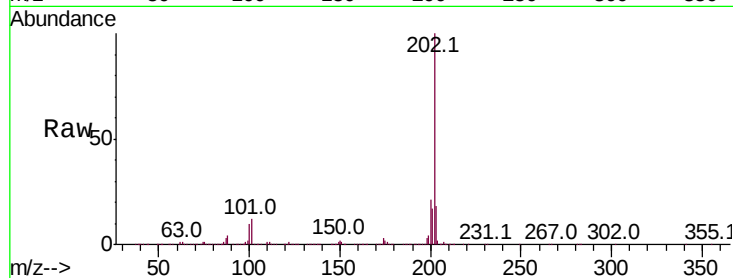




#80
Pvrene
Concen: 22.203 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BM023106.D
Acq: 10 Oct 2019 05:54

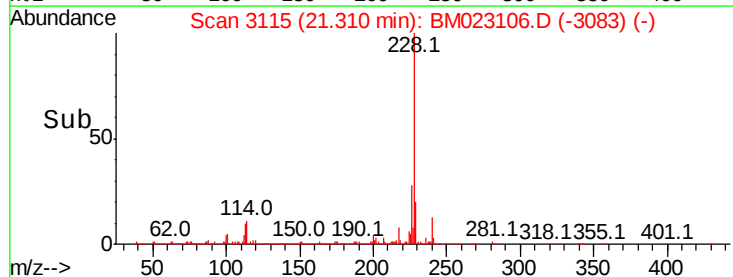
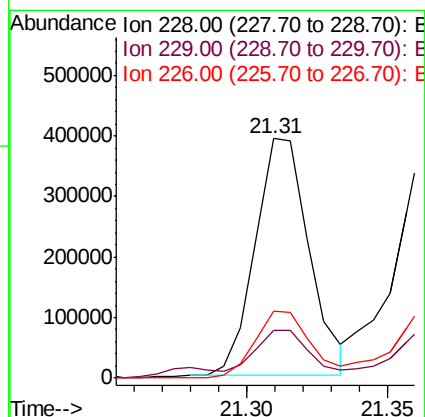
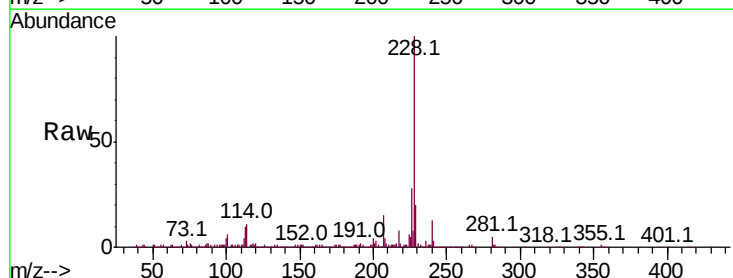
Instrument :
BNA_M
ClientSampleId :

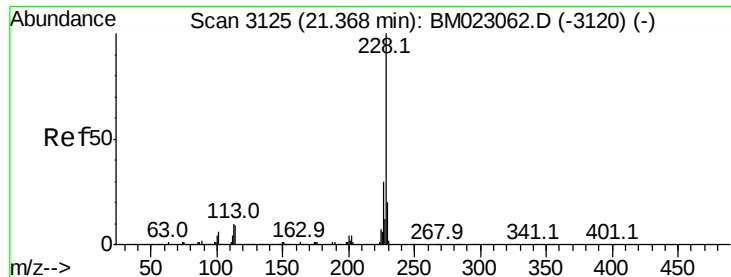
Tot Ion:202 Resp: 1199486
Ion Ratio Lower Upper
202 100
101 12.5 9.7 14.5
100 9.8 7.8 11.8



#83
Benzo(a)anthracene
Concen: 9.529 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM023106.D
Acq: 10 Oct 2019 05:54

Tgt Ion:228 Resp: 521393
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.9 22.4 33.6





#85

Chrysene

Concen: 10.853 ng/ul

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM023106.D

Acq: 10 Oct 2019 05:54

Instrument :

BNA_M

ClientSampleId :

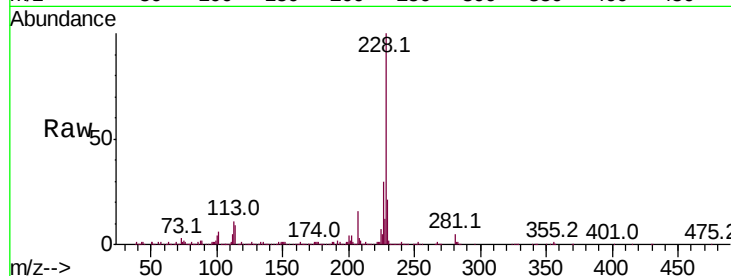
Tot Ion:228 Resp: 547503

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

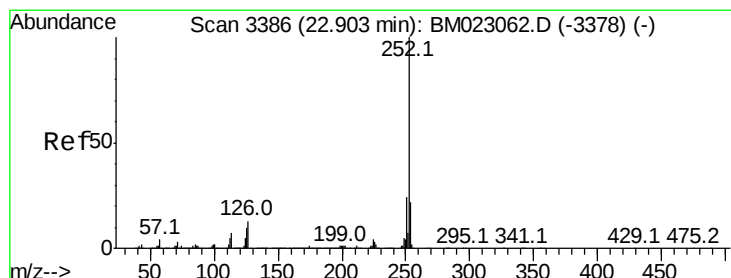
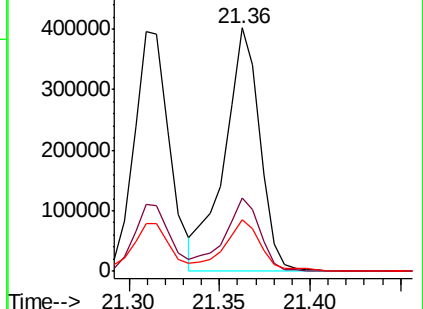
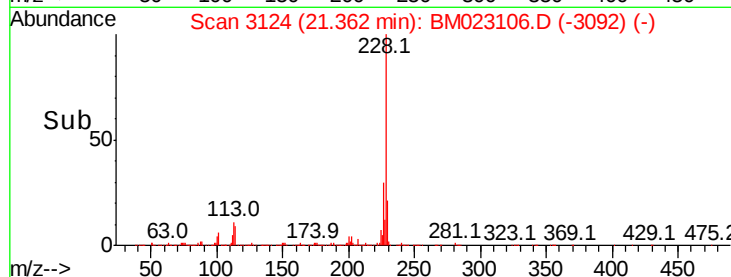
229 21.3 15.9 23.9



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



#88

Benzo(b)fluoranthene

Concen: 12.571 ng/ul

RT: 22.90 min Scan# 3386

Delta R.T. -0.01 min

Lab File: BM023106.D

Acq: 10 Oct 2019 05:54

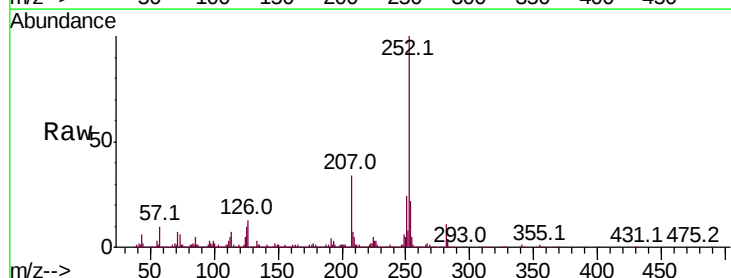
Tgt Ion:252 Resp: 752641

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

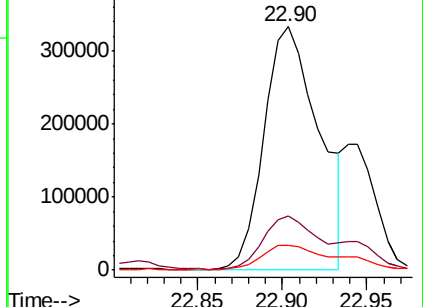
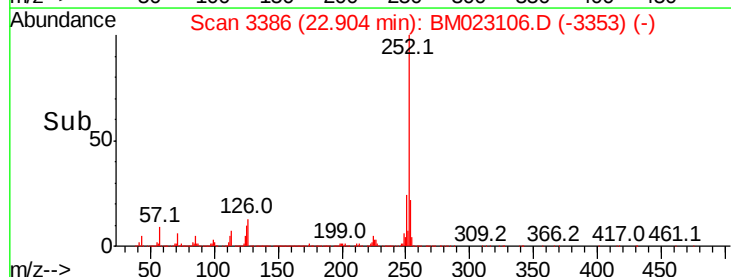
125 10.3 8.2 12.2

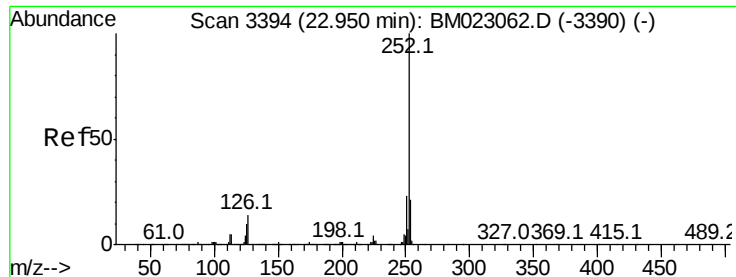


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 13.140 ng/ul

RT: 22.90 min Scan# 3386

Delta R.T. -0.05 min

Lab File: BM023106.D

Acq: 10 Oct 2019 05:54

Instrument :

BNA_M

ClientSampled :

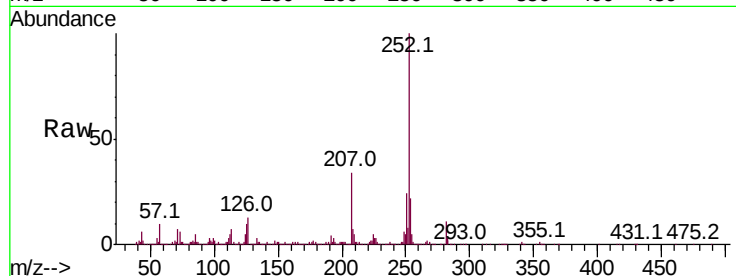
Tot Ion:252 Resp: 752641

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

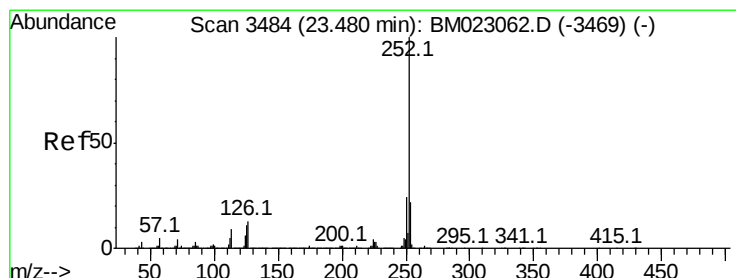
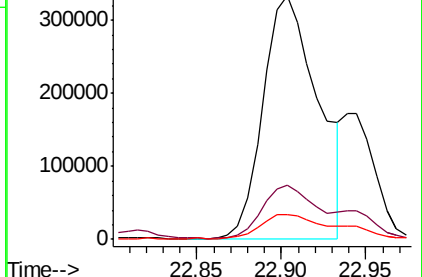
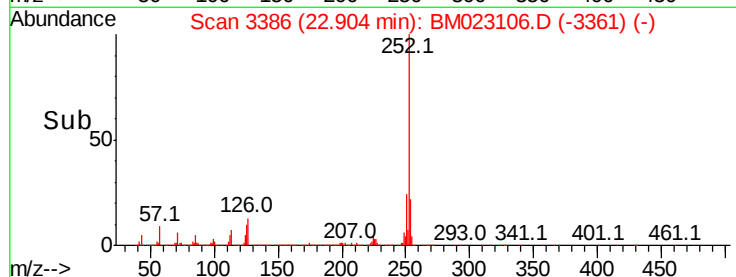
125 10.3 7.9 11.9



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: 8.714 ng/ul

RT: 23.48 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BM023106.D

Acq: 10 Oct 2019 05:54

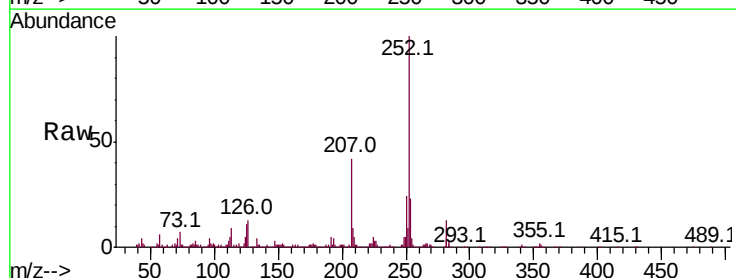
Tgt Ion:252 Resp: 489469

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

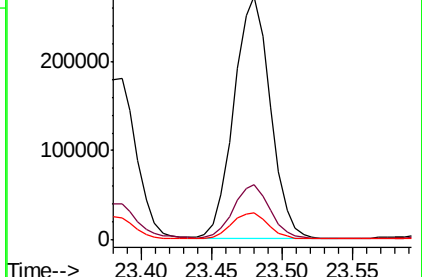
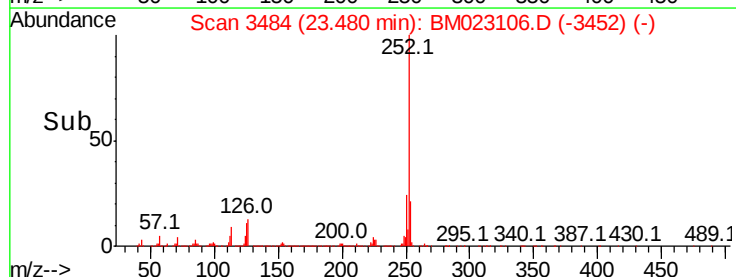
125 11.2 8.7 13.1

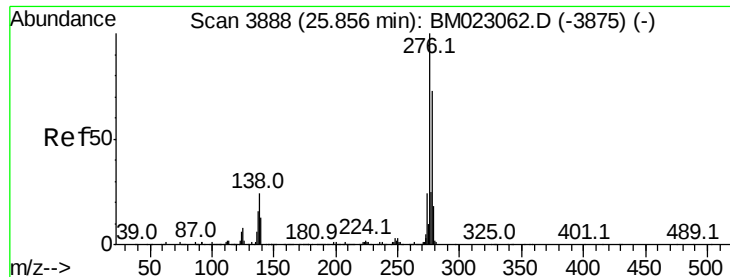


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



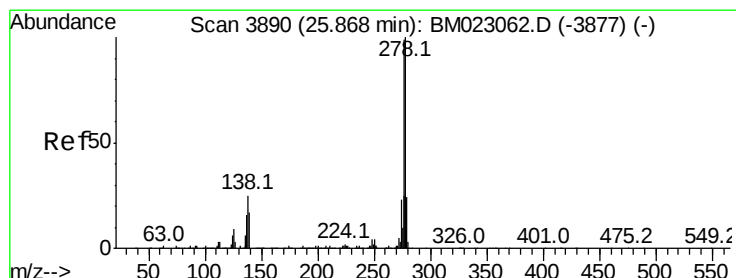
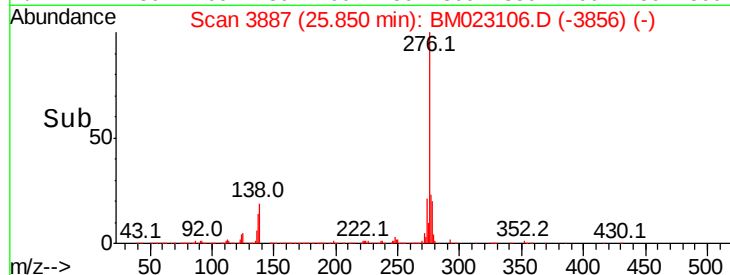
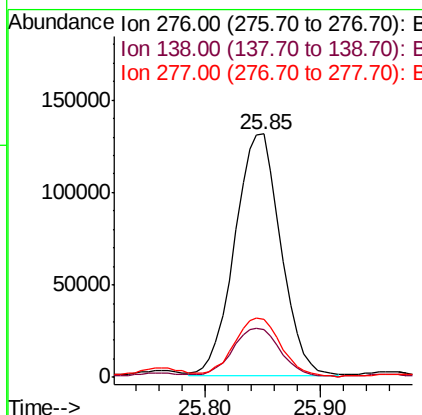
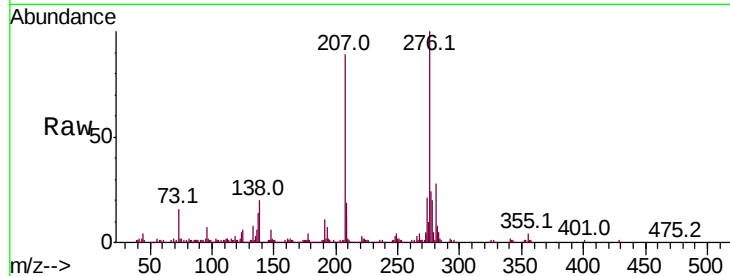


#92

Indeno(1,2,3-cd)pyrene
Concen: 6.074 ng/ul
RT: 25.85 min Scan# 3887
Delta R.T. -0.02 min
Lab File: BM023106.D
Acq: 10 Oct 2019 05:54

Instrument :
BNA_M
ClientSampleId :

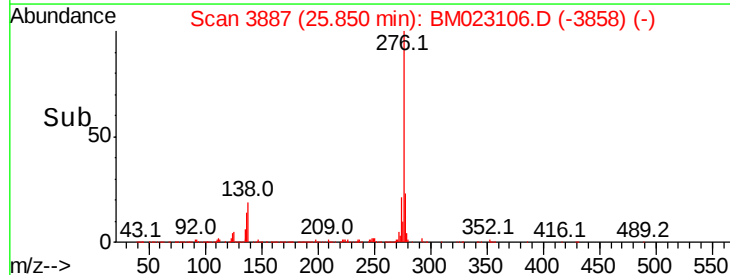
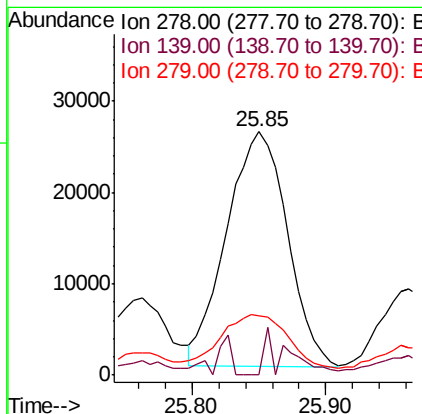
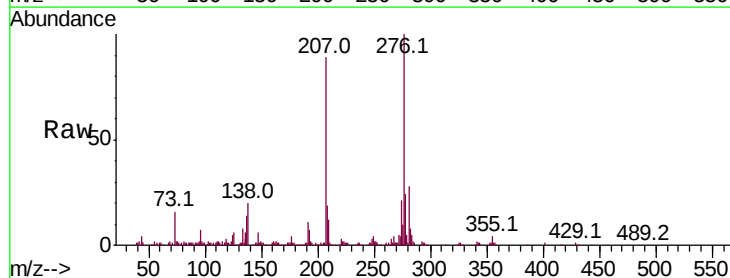
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	19.8	29.8#
277	23.7	20.3	30.5

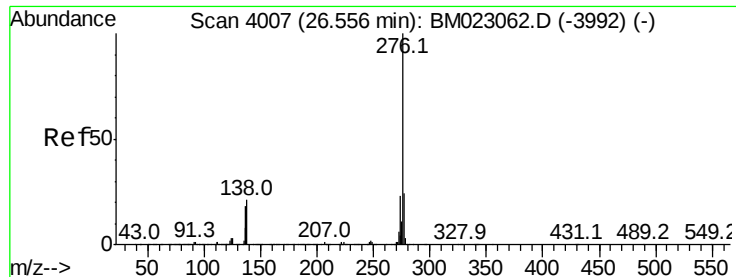


#93

Dibenzo(a,h)anthracene
Concen: 1.626 ng/ul
RT: 25.85 min Scan# 3887
Delta R.T. -0.03 min
Lab File: BM023106.D
Acq: 10 Oct 2019 05:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.2	19.8#
279	24.3	19.0	28.6





#94

Benzo(a,h,i)perylene

Concen: 6.741 ng/ul

RT: 26.54 min Scan# 4005

Delta R.T. -0.02 min

Lab File: BM023106.D

Acq: 10 Oct 2019 05:54

Instrument :

BNA_M

ClientSampleId :

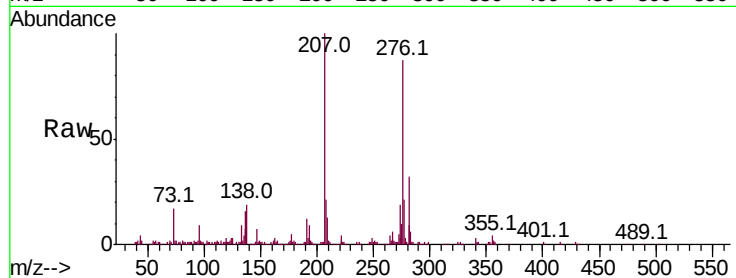
Tot Ion:276 Resp: 324461

Ion Ratio Lower Upper

276 100

138 21.5 17.6 26.4

277 24.5 19.1 28.7



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

