

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023102.D
 Acq On : 10 Oct 2019 03:31
 Operator : JU
 Sample : K5177-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 10 04:04:32 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	176994	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	711243	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	390091	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	733936	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	726197	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	876826	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	15393	3.76	ng/uL	0.00
5) Phenol-d5	6.94	99	276123	17.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	171829	20.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	246137	19.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	170200	13.29	ng/ul	-0.01
19) Nitrobenzene-d5	8.92	128	118140	21.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	127024	21.19	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.18	165	232579	19.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	180811	12.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	669025	22.10	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	798603	22.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	70302	11.75	ng/ul	-0.01
58) Fluorene-d10	15.40	176	572703	22.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	59459	12.45	ng/ul	0.00
71) Anthracene-d10	17.24	188	839981	23.44	ng/ul	0.00
79) Pyrene-d10	19.54	212	941886	24.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	1086910	23.96	ng/ul	-0.01

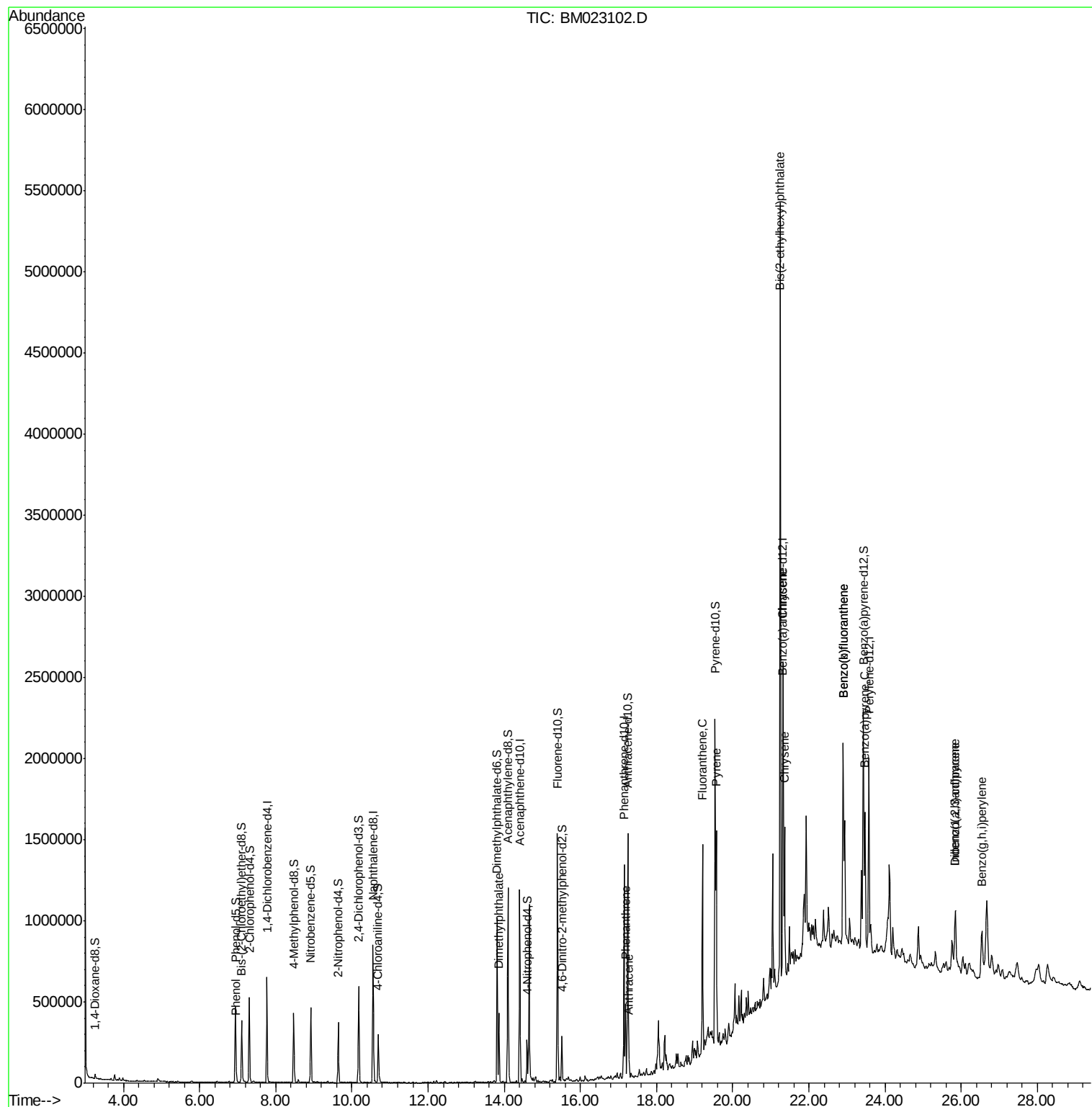
Target Compounds				Ovalue		
6) Phenol	6.96	94	40163	2.450	ng/ul	96
45) Dimethylphthalate	13.86	163	268462	8.632	ng/ul	100
70) Phenanthrene	17.19	178	264089	6.029	ng/ul	99
72) Anthracene	17.28	178	62429	1.399	ng/ul	99
77) Fluoranthene	19.20	202	738030	14.981	ng/ul	100
80) Pyrene	19.57	202	794243	15.429	ng/ul	100
83) Benzo(a)anthracene	21.31	228	447316	8.580	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.24	149	1744549	57.994	ng/ul	100
85) Chrysene	21.36	228	521313	10.845	ng/ul	98
88) Benzo(b)fluoranthene	22.90	252	656386	11.280	ng/ul	98
89) Benzo(k)fluoranthene	22.90	252	656386	11.791	ng/ul	97
91) Benzo(a)pyrene	23.47	252	497946	9.121	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.84	276	353871	6.103	ng/ul	95
93) Dibenzo(a,h)anthracene	25.85	278	94228	1.943	ng/ul#	89
94) Benzo(g,h,i)perylene	26.54	276	339180	7.250	ng/ul	98

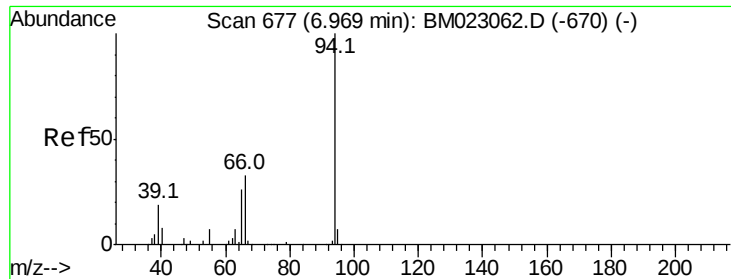
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.450 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. -0.01 min

Lab File: BM023102.D

Acq: 10 Oct 2019 03:31

Instrument :

BNA_M

ClientSampleId :

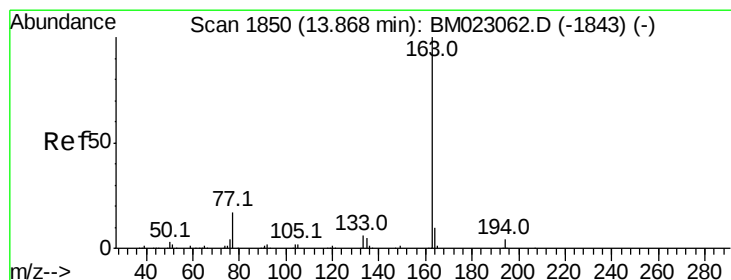
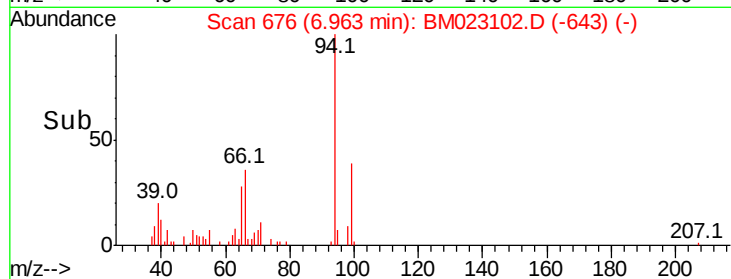
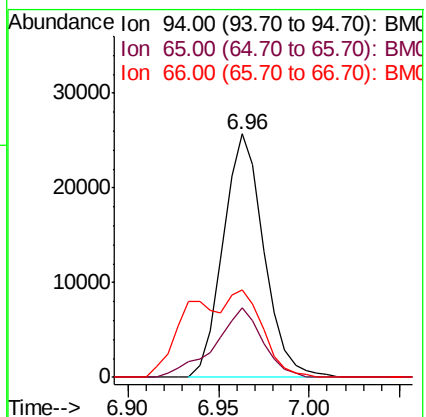
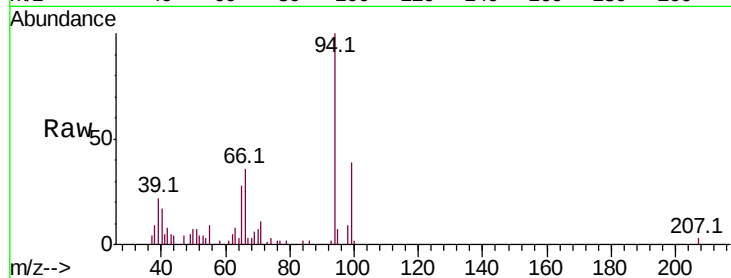
Tot Ion: 94 Resp: 40163

Ion Ratio Lower Upper

94 100

65 28.4 20.9 31.3

66 35.7 27.2 40.8



#45

Dimethylphthalate

Concen: 8.632 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM023102.D

Acq: 10 Oct 2019 03:31

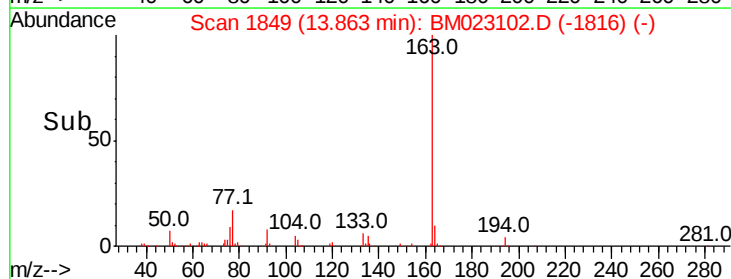
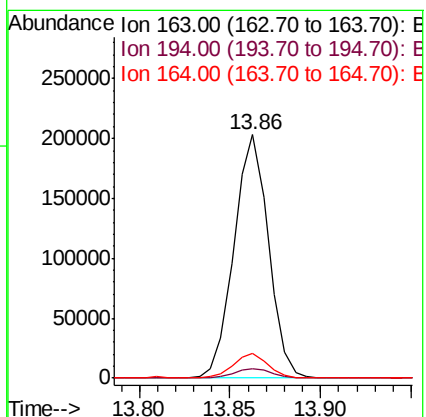
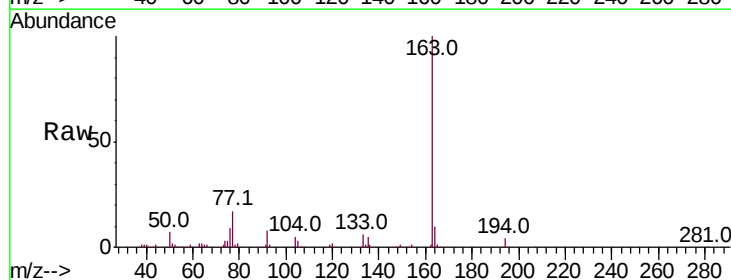
Tgt Ion:163 Resp: 268462

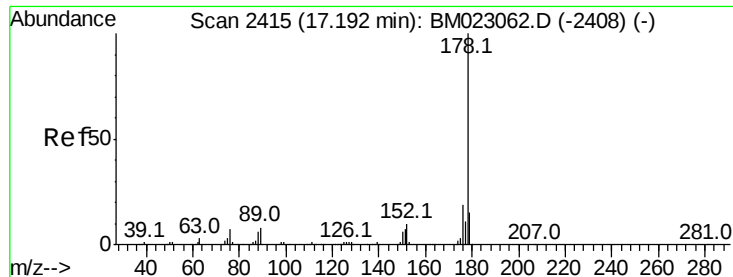
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.2 8.1 12.1

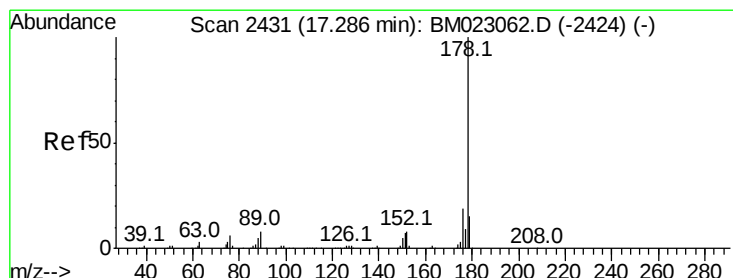
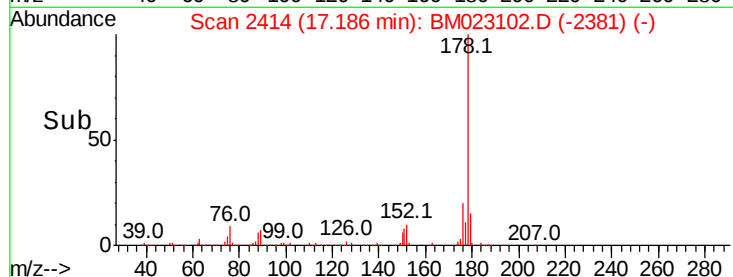
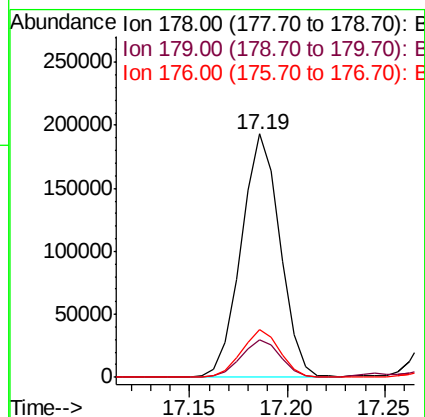
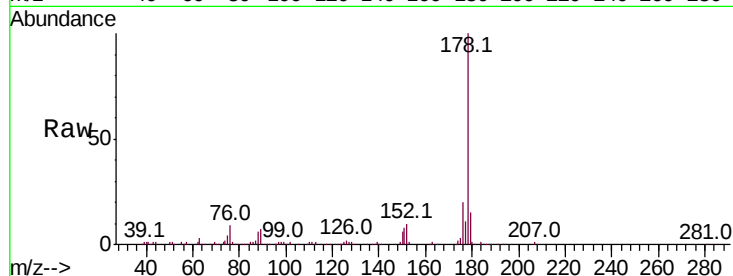




#70
Phenanthrene
Concen: 6.029 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

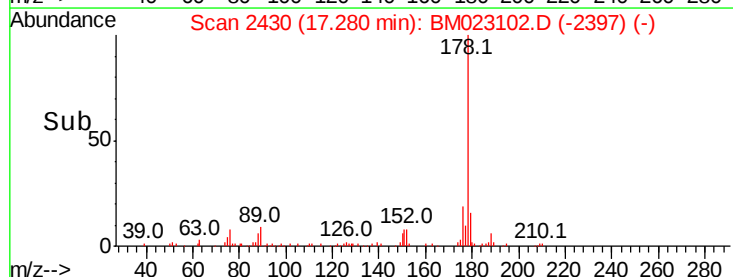
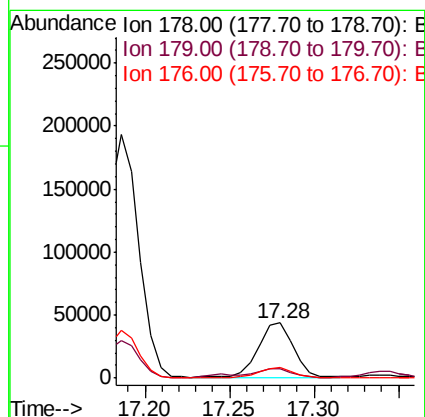
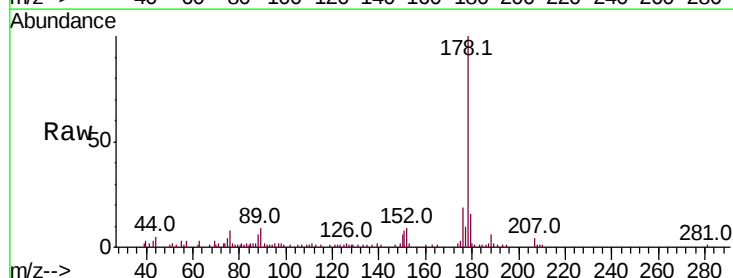
Instrument :
BNA_M
ClientSampleId :

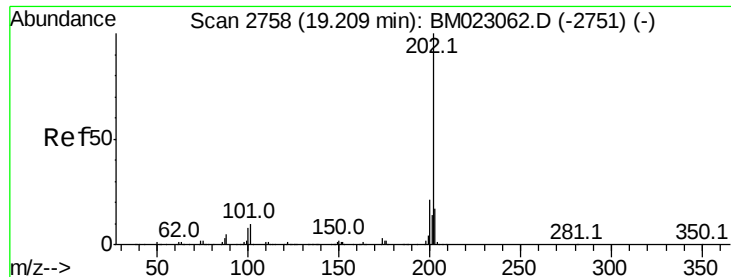
Tot Ion:178 Resp: 264089
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.5 15.3 22.9



#72
Anthracene
Concen: 1.399 ng/ul
RT: 17.28 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

Tgt Ion:178 Resp: 62429
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 18.8 15.0 22.6





#77

Fluoranthene

Concen: 14.981 ng/ul

RT: 19.20 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM023102.D

Acq: 10 Oct 2019 03:31

Instrument :

BNA_M

ClientSampleId :

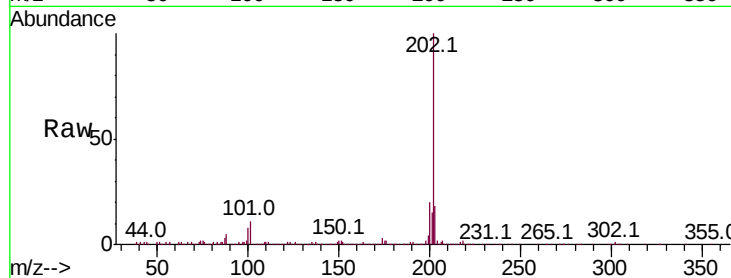
Tot Ion:202 Resp: 738030

Ion Ratio Lower Upper

202 100

101 10.6 8.6 12.8

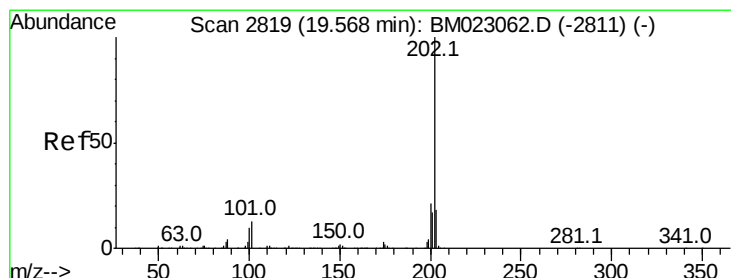
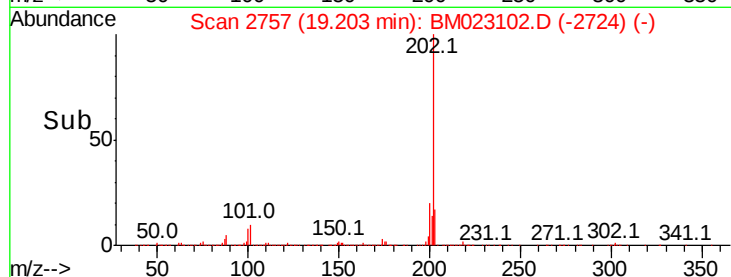
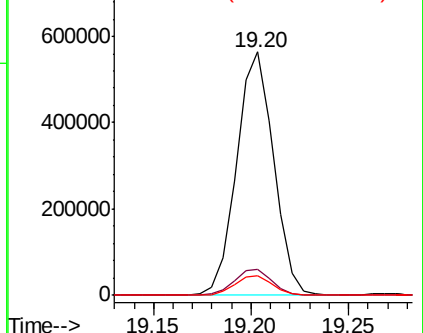
100 8.0 6.4 9.6



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

Pyrene

Concen: 15.429 ng/ul

RT: 19.57 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BM023102.D

Acq: 10 Oct 2019 03:31

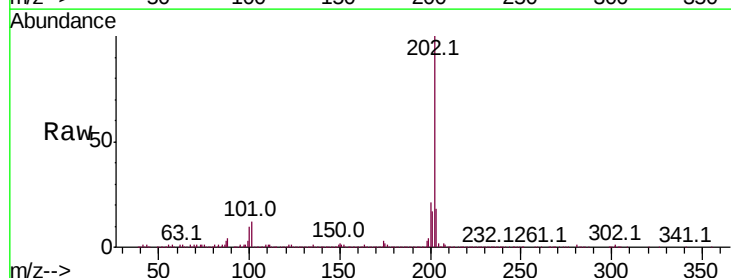
Tgt Ion:202 Resp: 794243

Ion Ratio Lower Upper

202 100

101 12.2 9.7 14.5

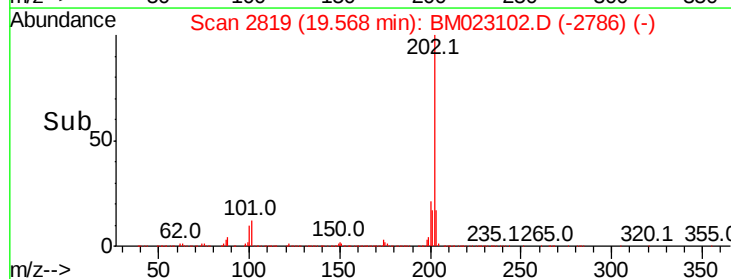
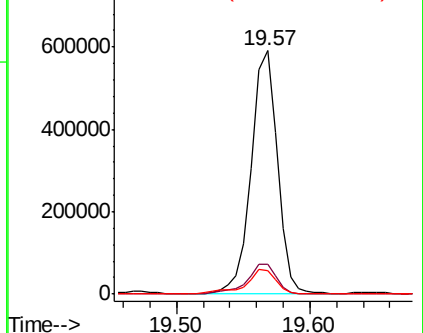
100 9.8 7.8 11.8

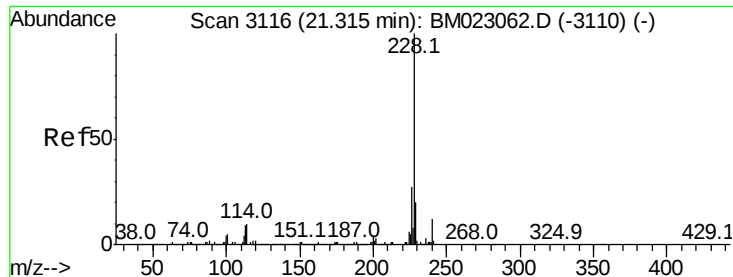


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

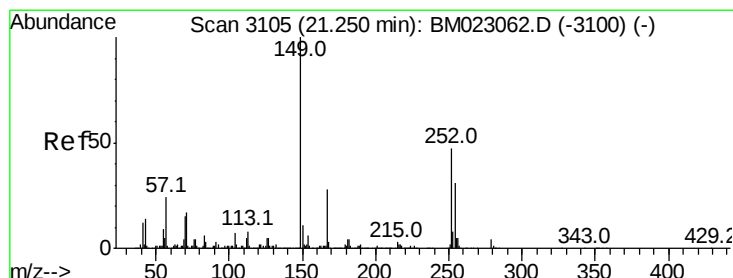
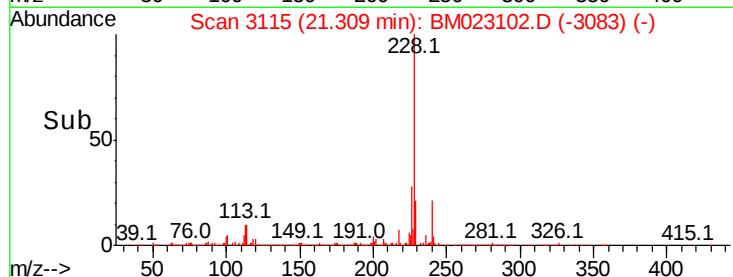
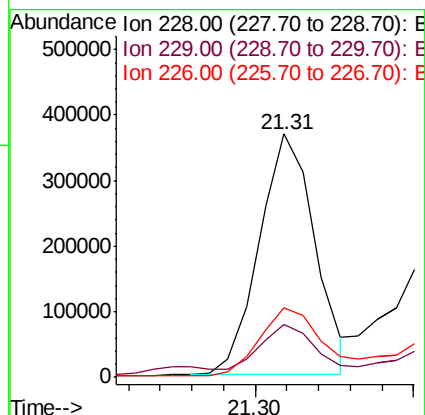
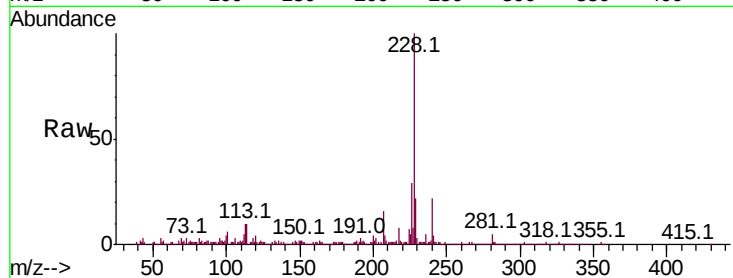




#83
Benzo(a)anthracene
Concen: 8.580 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

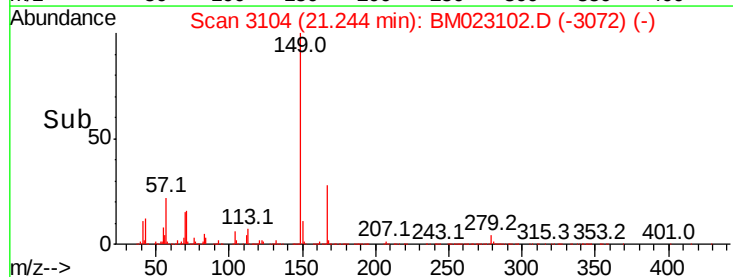
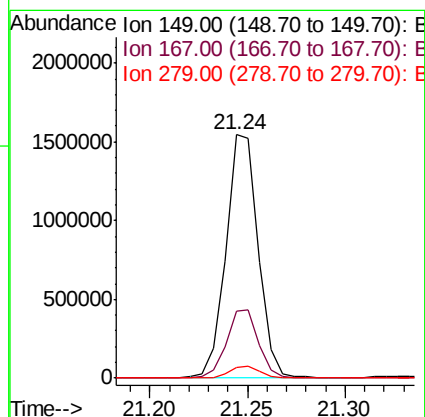
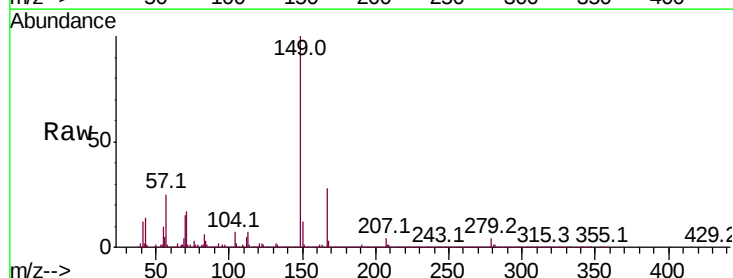
Instrument :
BNA_M
ClientSampleId :

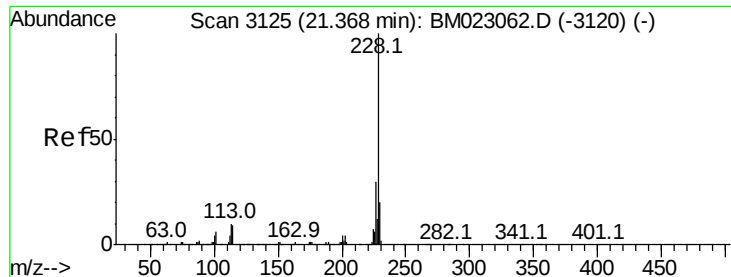
Tot Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.8	23.8
226	28.5	22.4	33.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.994 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.3	3.3	4.9

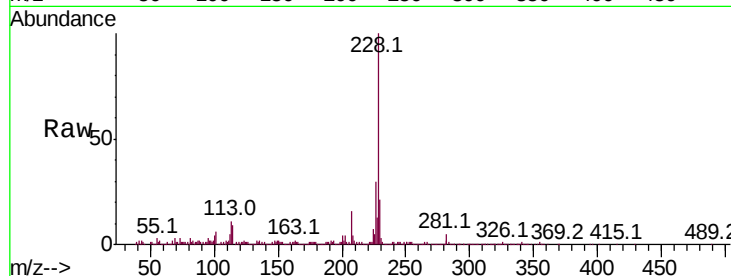




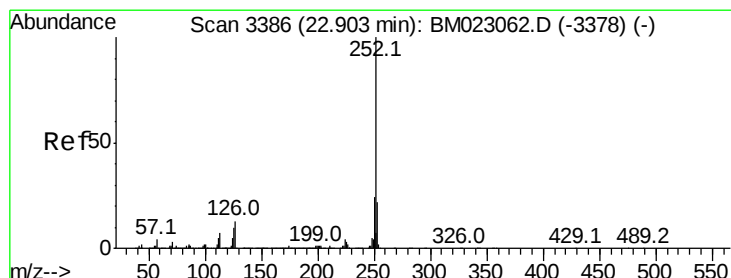
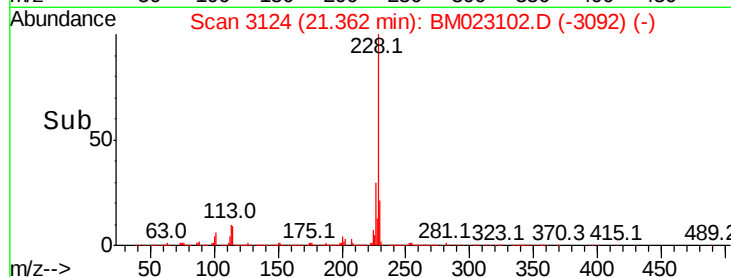
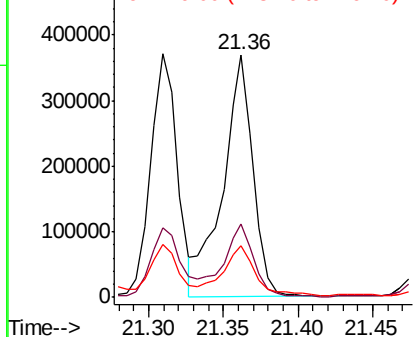
#85
Chrysene
Concen: 10.845 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	21.5	15.9	23.9

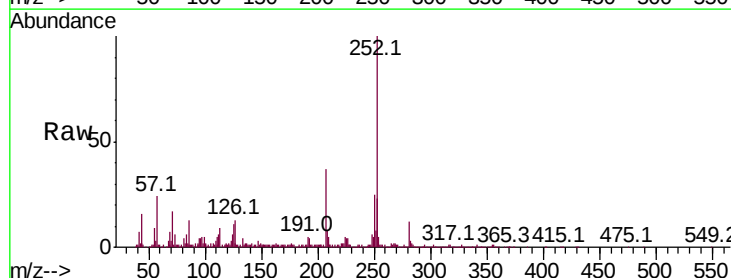


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

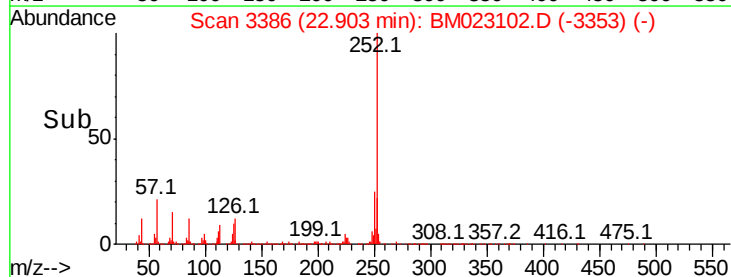
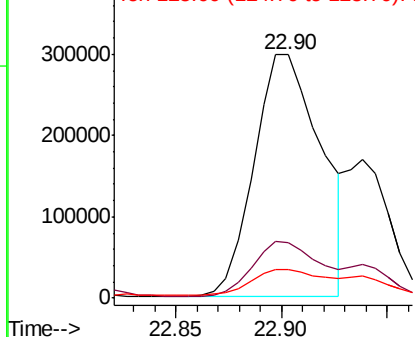


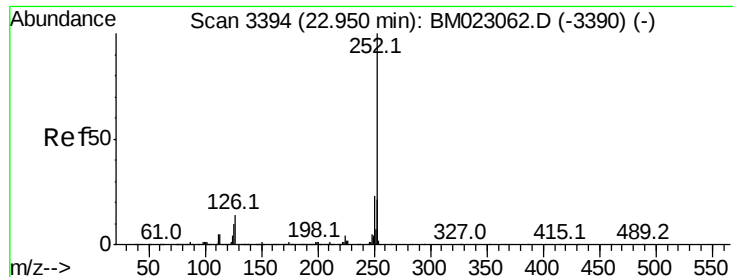
#88
Benzo(b)fluoranthene
Concen: 11.280 ng/ul
RT: 22.90 min Scan# 3386
Delta R.T. -0.01 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	11.5	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: 11.791 ng/ul

RT: 22.90 min Scan# 3386

Delta R.T. -0.05 min

Lab File: BM023102.D

Acq: 10 Oct 2019 03:31

Instrument :

BNA_M

ClientSampleId :

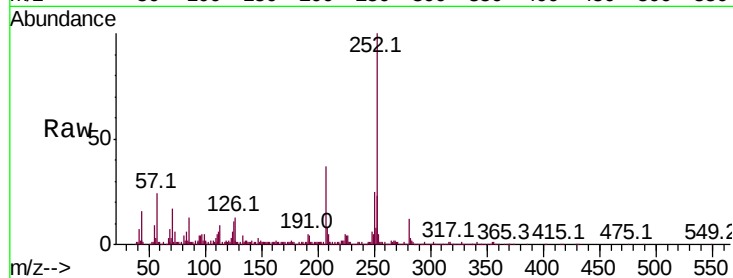
Tot Ion:252 Resp: 656386

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

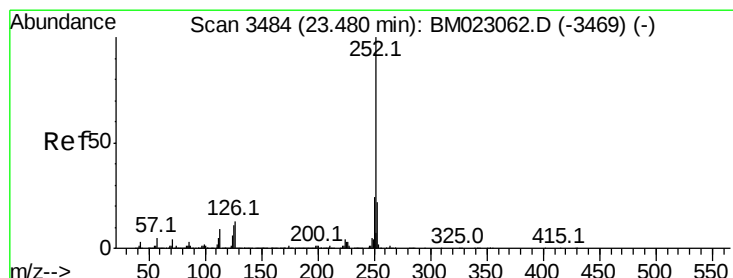
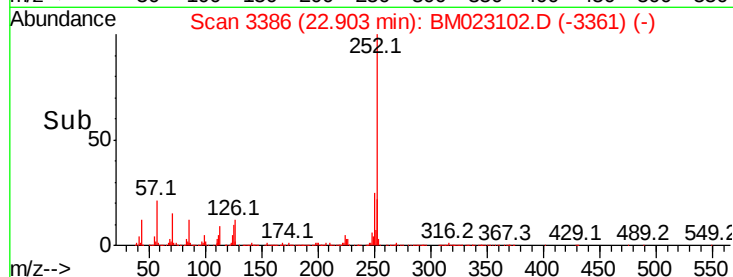
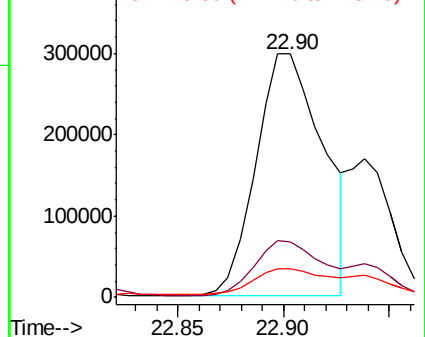
125 11.5 7.9 11.9



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: 9.121 ng/ul

RT: 23.47 min Scan# 3483

Delta R.T. -0.02 min

Lab File: BM023102.D

Acq: 10 Oct 2019 03:31

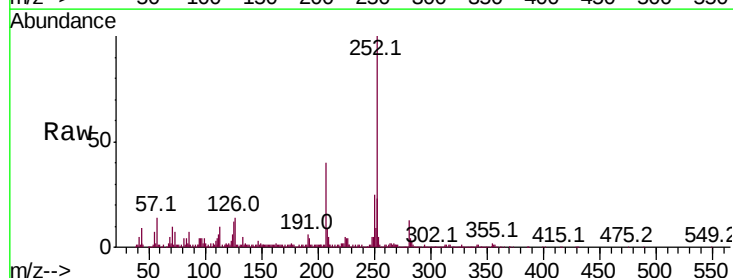
Tgt Ion:252 Resp: 497946

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

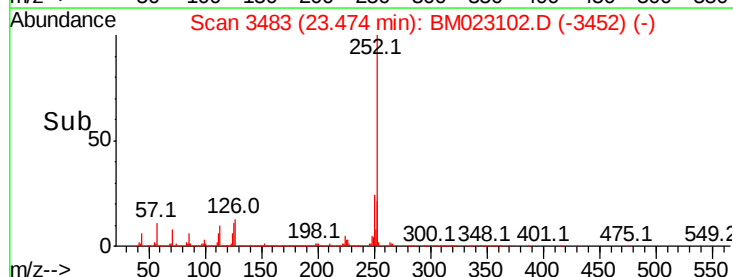
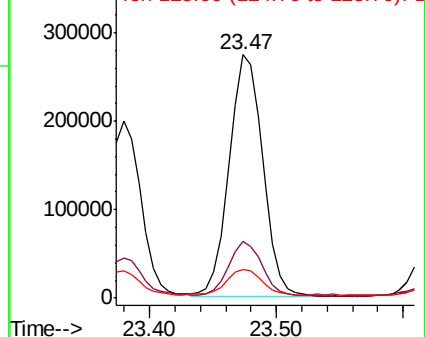
125 12.0 8.7 13.1

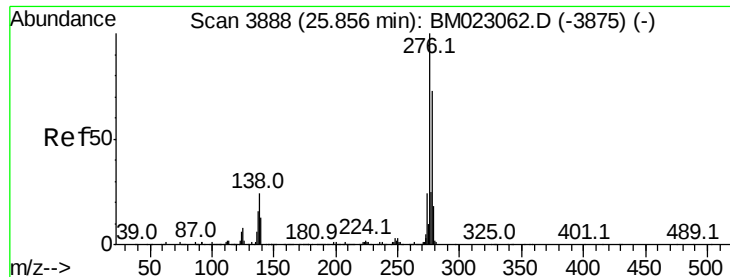


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



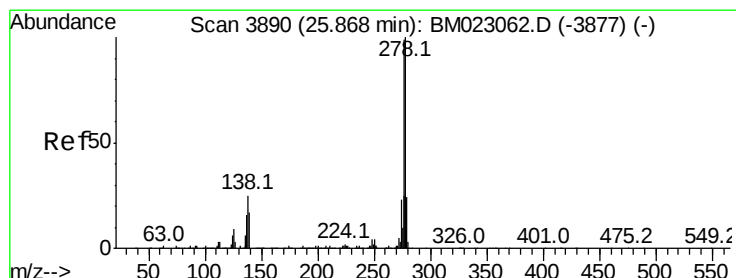
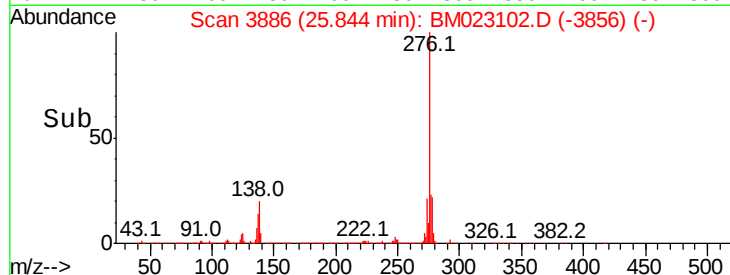
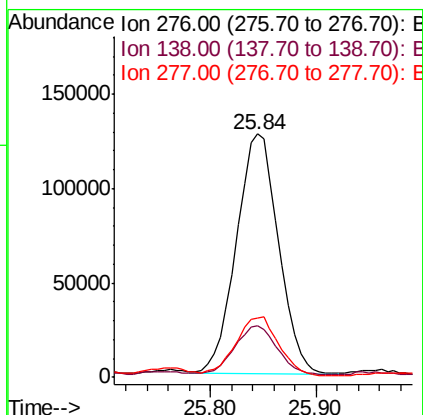
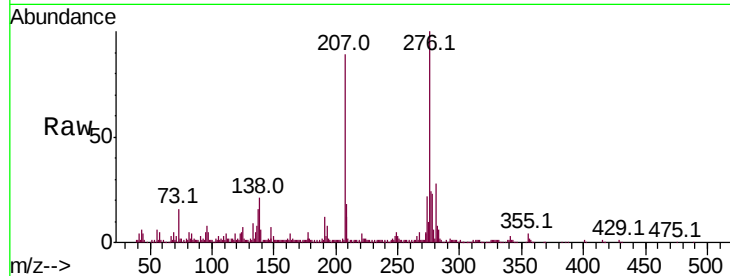


#92

Indeno(1,2,3-cd)pyrene
Concen: 6.103 ng/ul
RT: 25.84 min Scan# 3886
Delta R.T. -0.02 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

Instrument :
BNA_M
ClientSampleId :

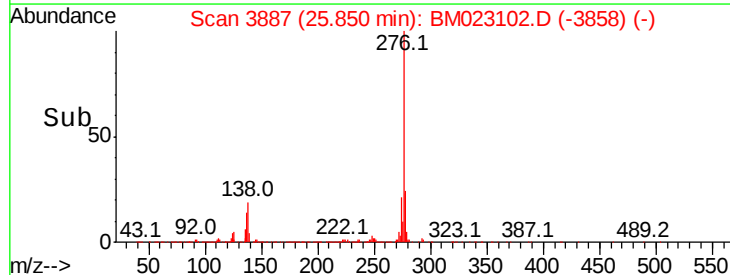
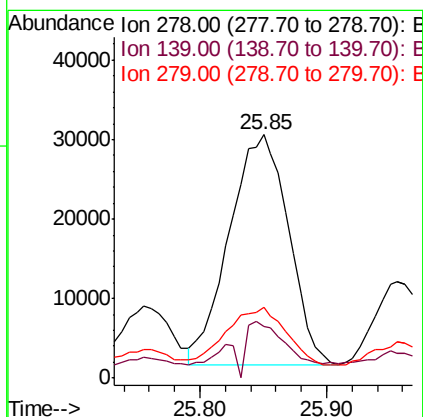
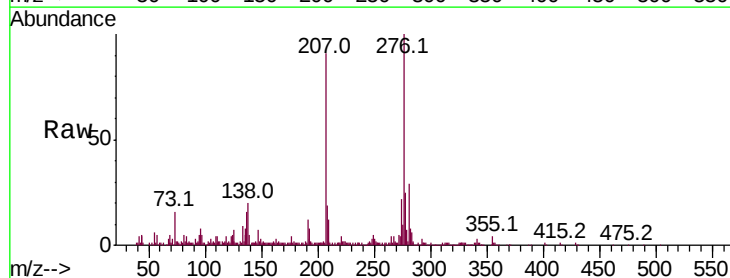
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	19.8	29.8
277	24.3	20.3	30.5

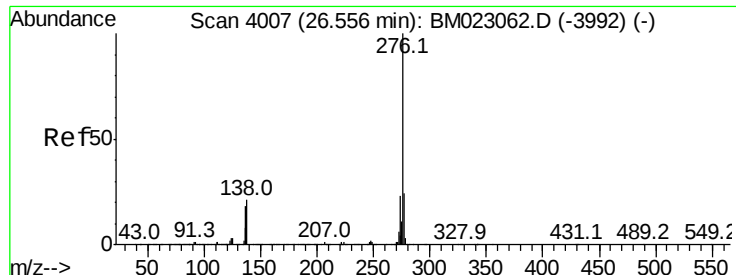


#93

Dibenzo(a,h)anthracene
Concen: 1.943 ng/ul
RT: 25.85 min Scan# 3887
Delta R.T. -0.03 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	13.2	19.8#
279	29.0	19.0	28.6#





#94

Benzo(a,h,i)perylene

Concen: 7.250 ng/ul

RT: 26.54 min Scan# 4005

Delta R.T. -0.02 min

Lab File: BM023102.D

Acq: 10 Oct 2019 03:31

Instrument :

BNA_M

ClientSampleId :

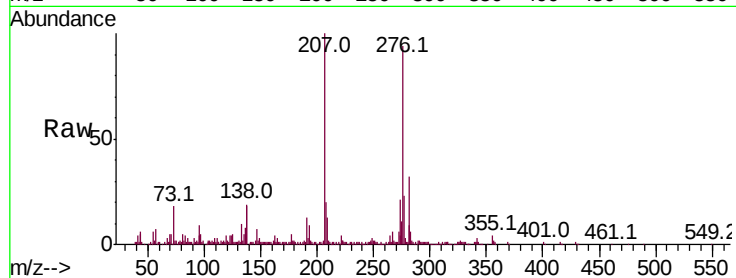
Tot Ion: 276 Resp: 339180

Ion Ratio Lower Upper

276 100

138 20.6 17.6 26.4

277 24.0 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

