

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
 Data File : BM023248.D
 Acq On : 18 Oct 2019 08:52
 Operator : JU
 Sample : K5235-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 18 11:57:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 07:48:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	397067	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1511585	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	893705	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1817316	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1875062	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	2334601	20.00	ng/ul	0.00

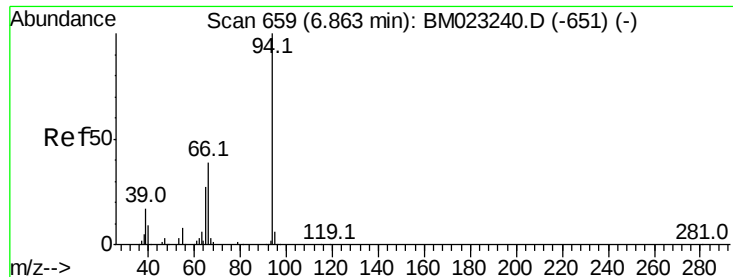
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	36493	4.04	ng/uL	0.00
5) Phenol-d5	6.83	99	643353	18.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	392570	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	558502	21.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	428314	15.42	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	266318	26.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	294480	30.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	560395	22.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	518684	17.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1667984	24.35	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1958271	24.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	195473	17.63	ng/ul	0.00
58) Fluorene-d10	15.30	176	1440122	24.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	161520	22.42	ng/ul	0.00
71) Anthracene-d10	17.15	188	2198647	25.09	ng/ul	0.00
79) Pyrene-d10	19.44	212	2613131	28.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	3221564	27.22	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.86	94	101979	2.860	ng/ul 97
45) Dimethylphthalate	13.77	163	506344	7.386	ng/ul 100
70) Phenanthrene	17.09	178	652522	6.398	ng/ul 99
72) Anthracene	17.18	178	207973	1.973	ng/ul 98
77) Fluoranthene	19.12	202	1245689	10.270	ng/ul 98
80) Pyrene	19.47	202	1471708	12.529	ng/ul 100
81) Butylbenzylphthalate	20.40	149	49654	1.215	ng/ul 95
83) Benzo(a)anthracene	21.23	228	973011	7.659	ng/ul 95
84) Bis(2-ethylhexyl)phthalate	21.19	149	115240	1.774	ng/ul 99
85) Chrysene	21.28	228	971416	8.234	ng/ul 98
87) Di-n-octyl phthalate	22.06	149	156850	1.302	ng/ul 100
88) Benzo(b)fluoranthene	22.79	252	1107402	7.823	ng/ul 98
89) Benzo(k)fluoranthene	22.79	252	1107402	8.148	ng/ul 97
91) Benzo(a)pyrene	23.36	252	938408	6.910	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.67	276	700502	4.336	ng/ul 99
93) Dibenzo(a,h)anthracene	25.68	278	328118	2.429	ng/ul 95
94) Benzo(g,h,i)perylene	26.34	276	675777	5.080	ng/ul 98

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



#6

Phenol

Concen: 2.860 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM023248.D

Acq: 18 Oct 2019 08:52

Instrument :

BNA_M

ClientSampleId :

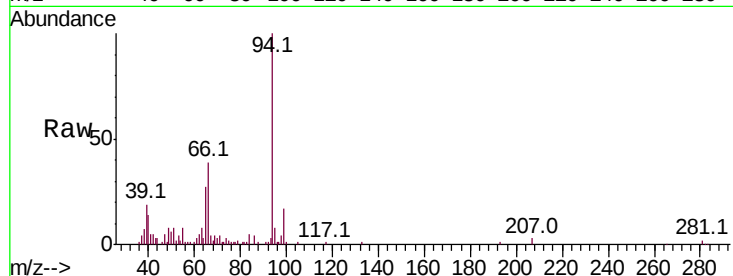
Tot Ion: 94 Resp: 101979

Ion Ratio Lower Upper

94 100

65 27.4 23.7 35.5

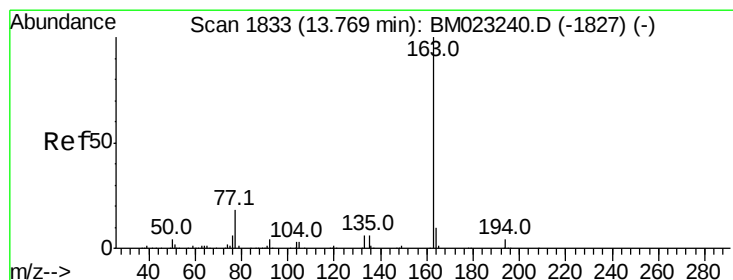
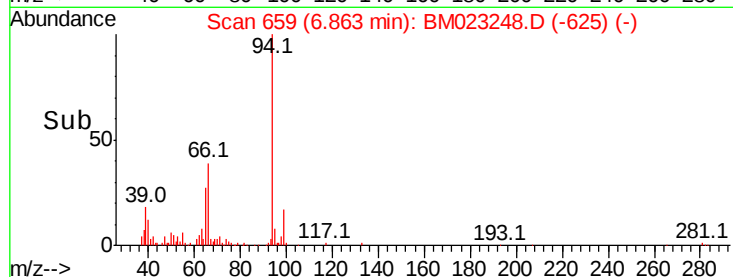
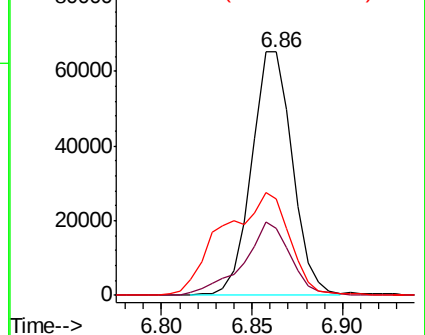
66 39.3 32.9 49.3



Abundance Ion 94.00 (93.70 to 94.70): BM023240.D (-651) (-)

Ion 65.00 (64.70 to 65.70): BM023240.D (-651) (-)

Ion 66.00 (65.70 to 66.70): BM023240.D (-651) (-)



#45

Dimethylphthalate

Concen: 7.386 ng/ul

RT: 13.77 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BM023248.D

Acq: 18 Oct 2019 08:52

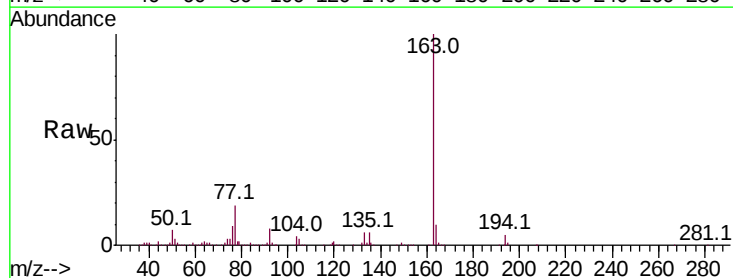
Tgt Ion:163 Resp: 506344

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

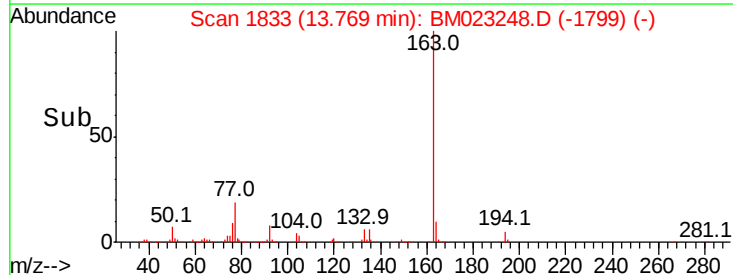
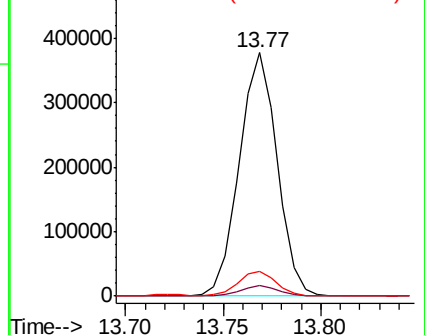
164 10.0 8.0 12.0

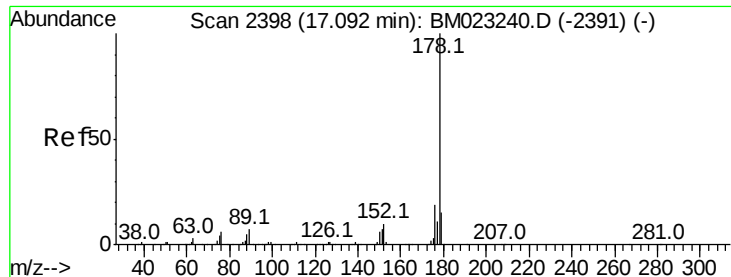


Abundance Ion 163.00 (162.70 to 163.70): BM023240.D (-1827) (-)

Ion 194.00 (193.70 to 194.70): BM023240.D (-1827) (-)

Ion 164.00 (163.70 to 164.70): BM023240.D (-1827) (-)





#70

Phenanthrene

Concen: 6.398 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BM023248.D

Acq: 18 Oct 2019 08:52

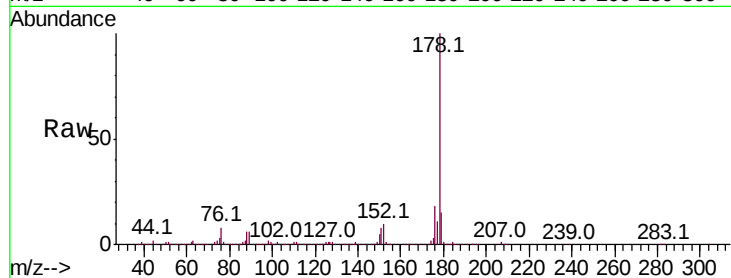
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 652522

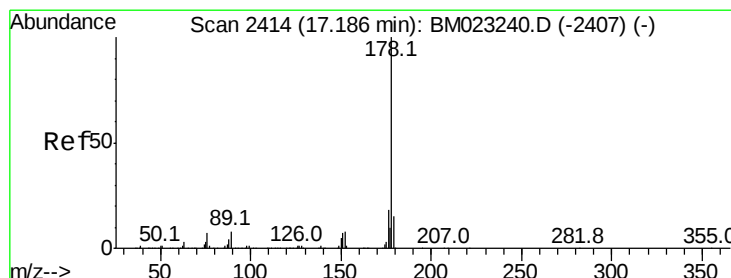
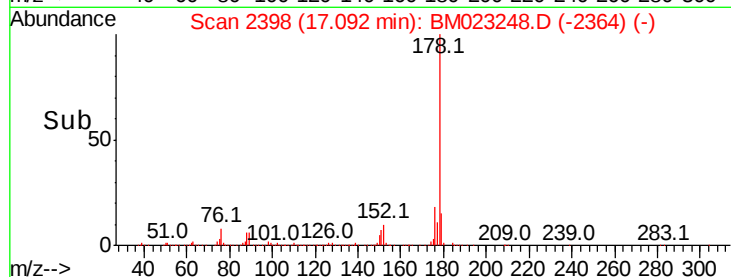
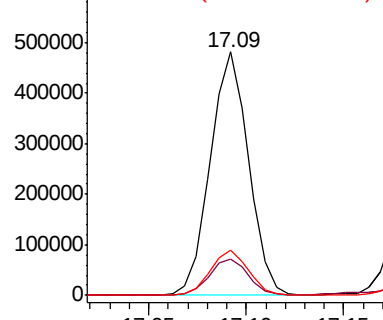
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.5	15.5	23.3



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



#72

Anthracene

Concen: 1.973 ng/ul

RT: 17.18 min Scan# 2413

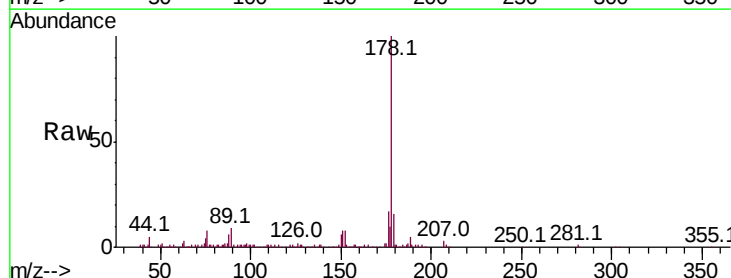
Delta R.T. -0.01 min

Lab File: BM023248.D

Acq: 18 Oct 2019 08:52

Tgt Ion:178 Resp: 207973

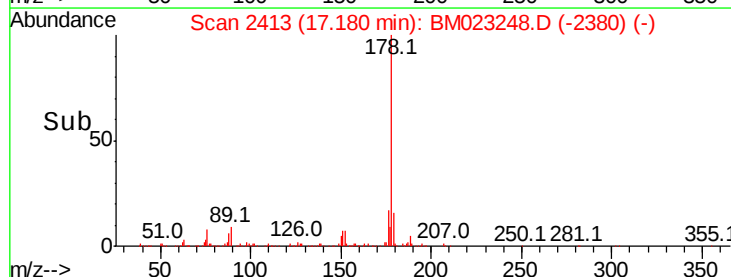
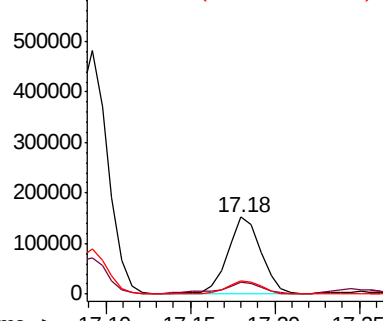
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	17.3	15.0	22.4

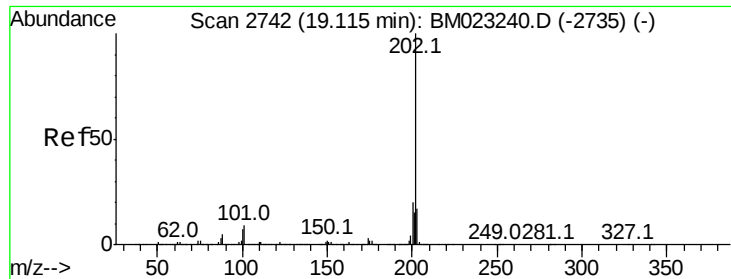


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



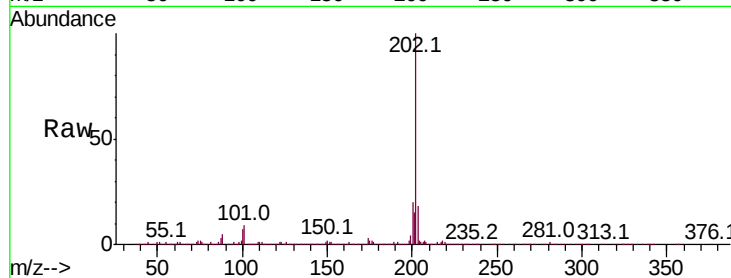


#77
 Fluoranthene
 Concen: 10.270 ng/ul
 RT: 19.12 min Scan# 2742
 Delta R.T. 0.00 min
 Lab File: BM023248.D
 Acq: 18 Oct 2019 08:52

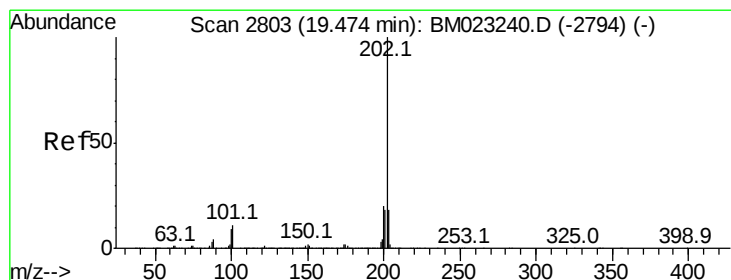
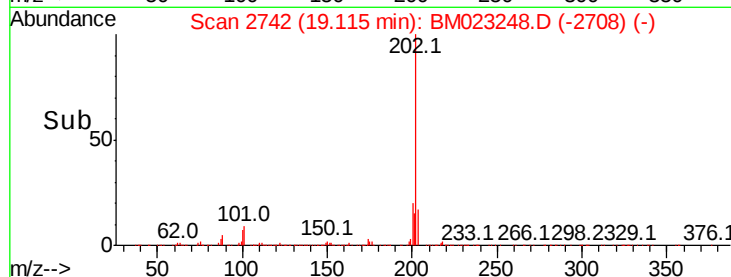
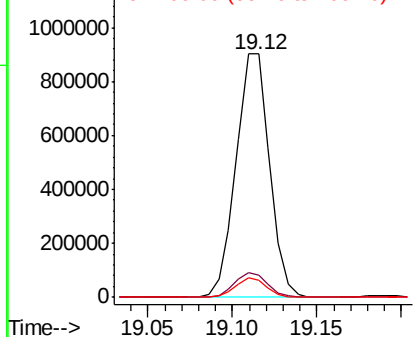
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:202 Resp: 1245689

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.8	11.8
100	7.2	6.1	9.1



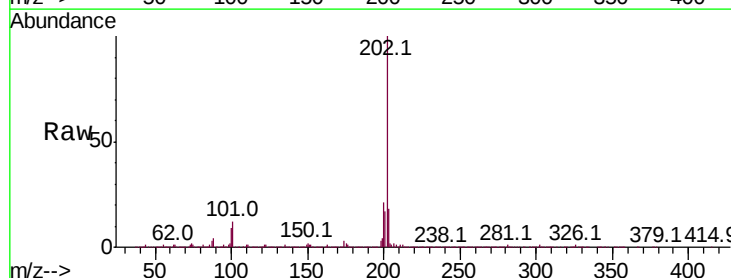
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



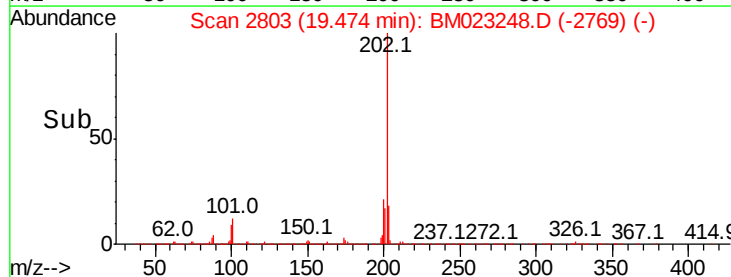
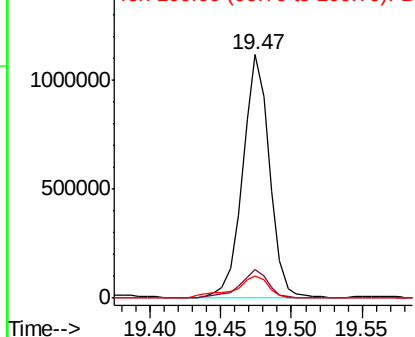
#80
 Pyrene
 Concen: 12.529 ng/ul
 RT: 19.47 min Scan# 2803
 Delta R.T. 0.00 min
 Lab File: BM023248.D
 Acq: 18 Oct 2019 08:52

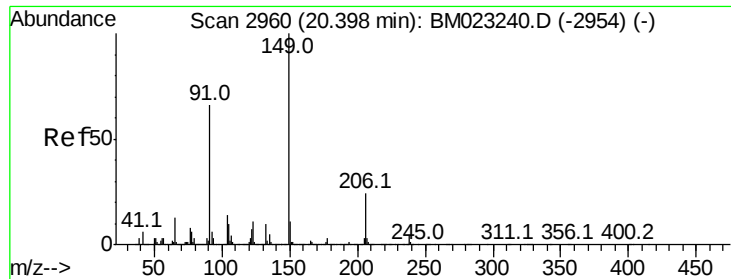
Tgt Ion:202 Resp: 1471708

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.1	13.7
100	9.3	7.5	11.3



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

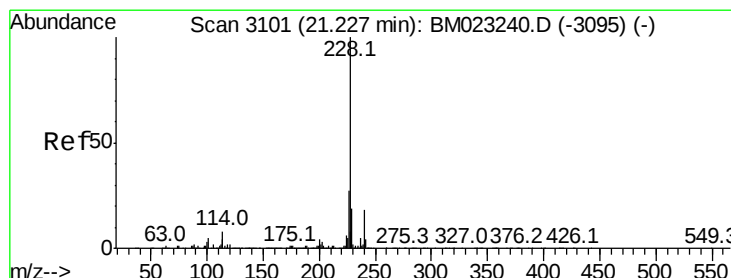
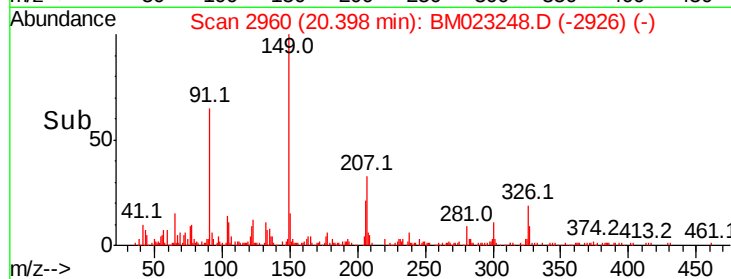
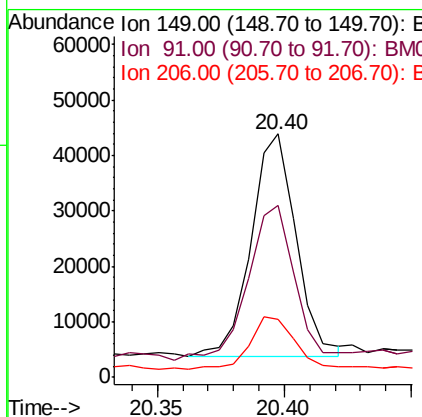
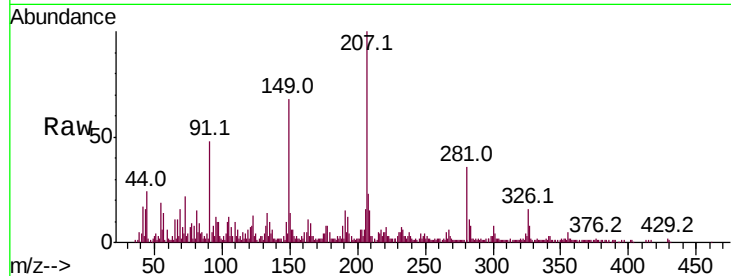




#81
Butylbenzylphthalate
Concen: 1.215 ng/ul
RT: 20.40 min Scan# 2960
Delta R.T. 0.00 min
Lab File: BM023248.D
Acq: 18 Oct 2019 08:52

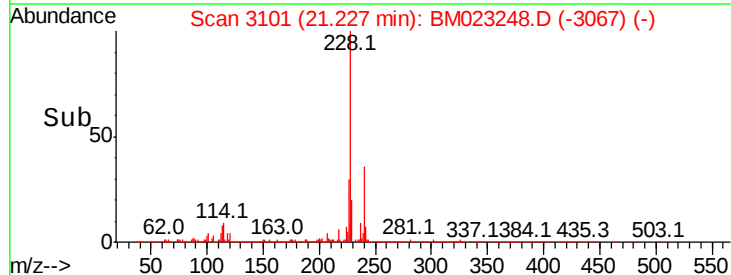
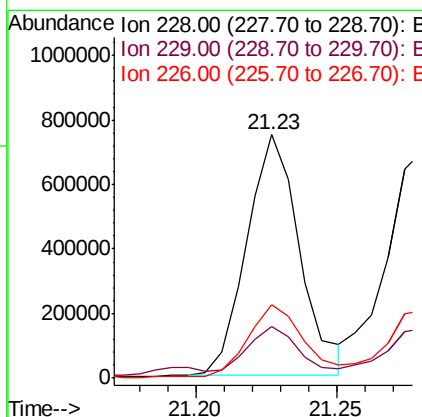
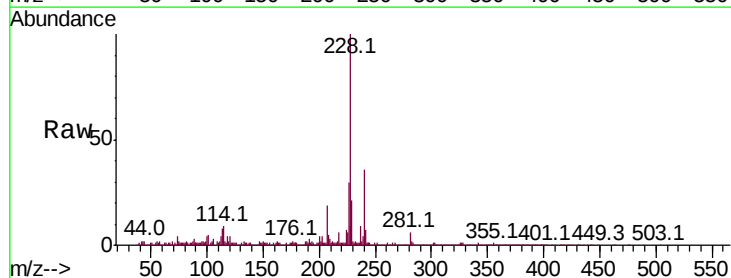
Instrument :
BNA_M
ClientSampleId :

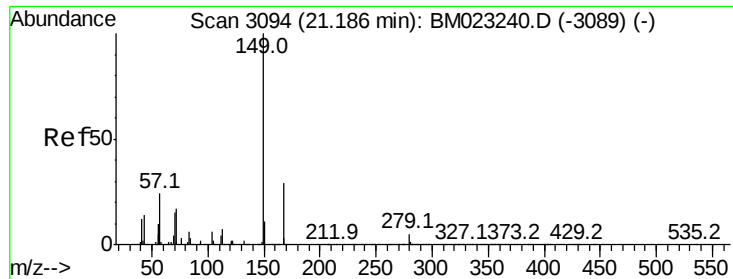
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.5	59.9	89.9
206	23.7	17.1	25.7



#83
Benzo(a)anthracene
Concen: 7.659 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM023248.D
Acq: 18 Oct 2019 08:52

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	30.2	21.6	32.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.774 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM023248.D

Acq: 18 Oct 2019 08:52

Instrument :

BNA_M

ClientSampled :

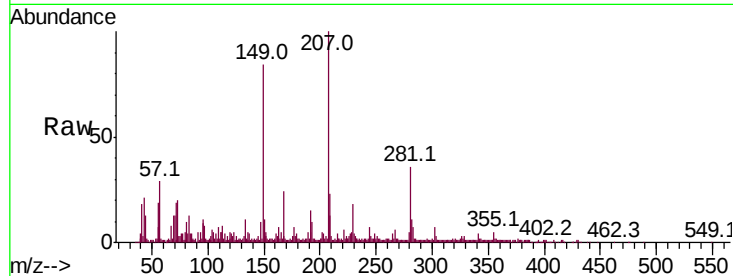
Tot Ion:149 Resp: 115240

Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

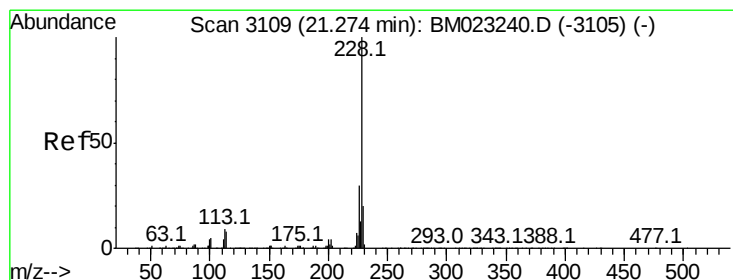
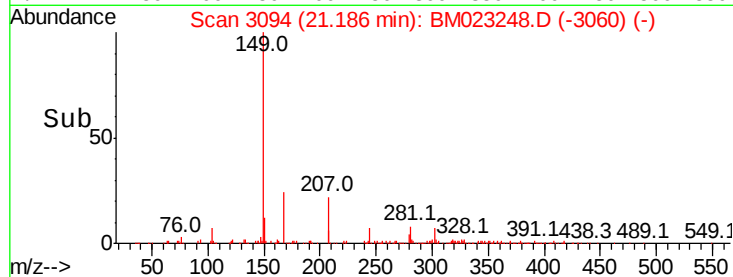
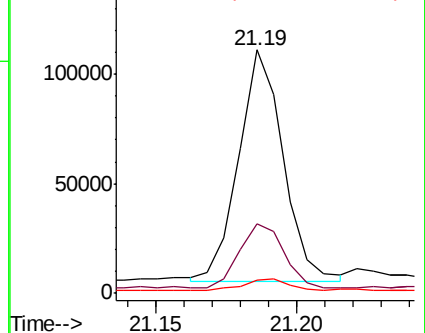
279 5.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

150000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 8.234 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.01 min

Lab File: BM023248.D

Acq: 18 Oct 2019 08:52

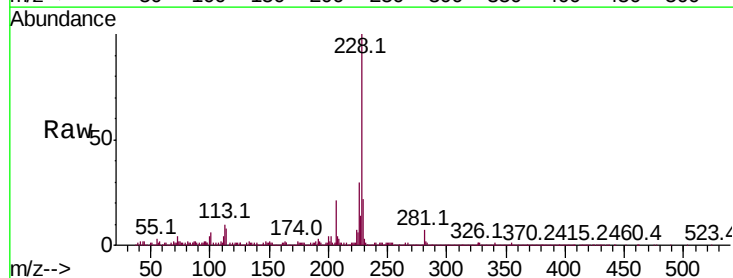
Tgt Ion:228 Resp: 971416

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

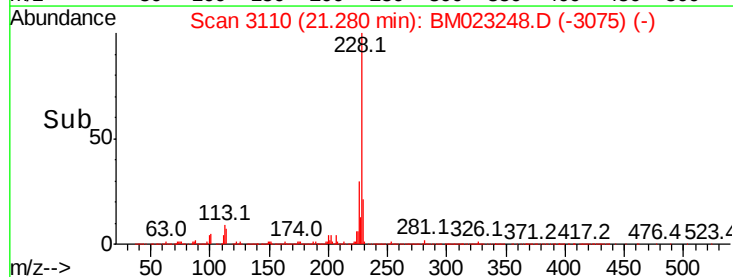
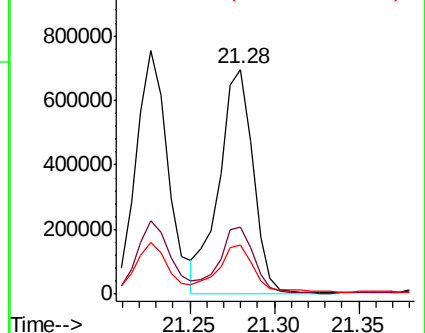
229 22.0 15.5 23.3

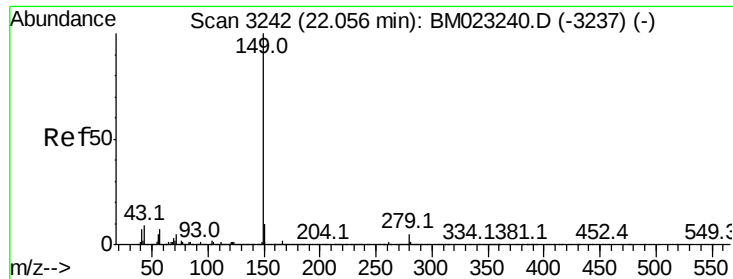


Abundance Ion 228.00 (227.70 to 228.70): E

1000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

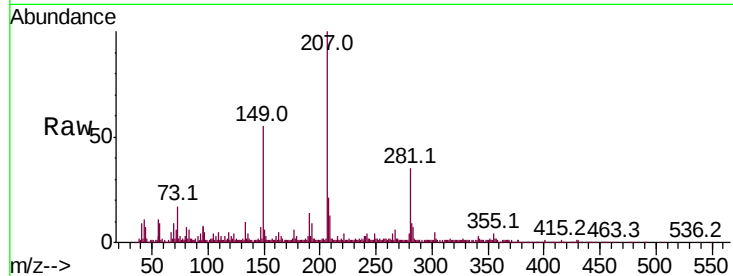




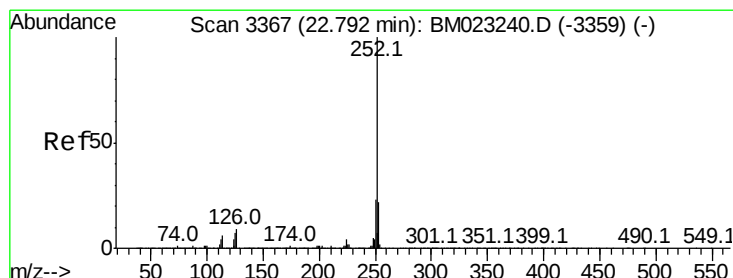
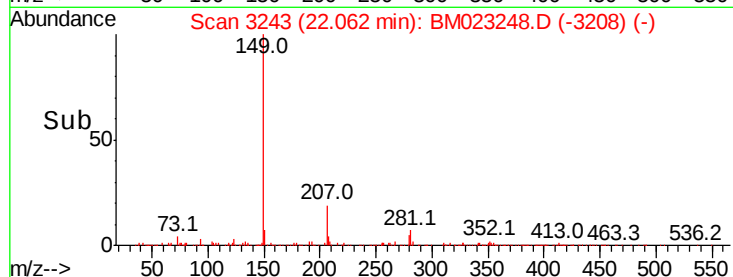
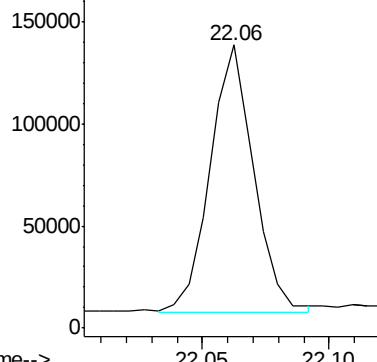
#87
 Di-n-octyl phthalate
 Concen: 1.302 ng/ul
 RT: 22.06 min Scan# 3243
 Delta R.T. 0.01 min
 Lab File: BM023248.D
 Acq: 18 Oct 2019 08:52

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:149 Resp: 156850



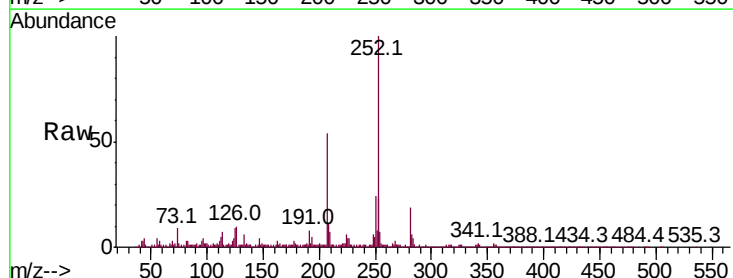
Abundance Ion 149.00 (148.70 to 149.70): E



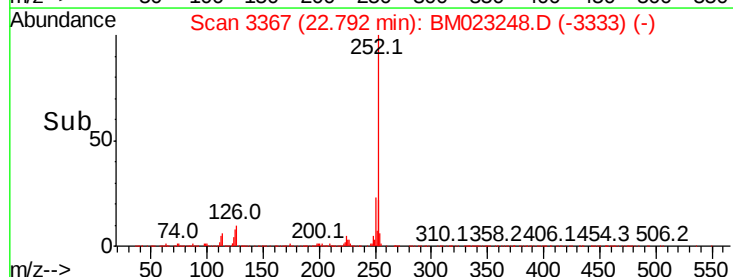
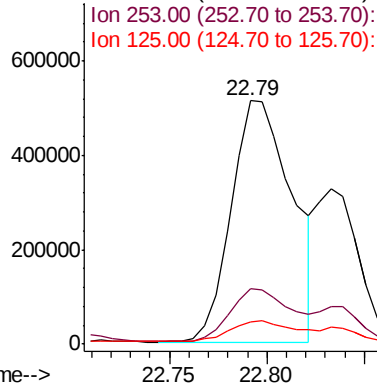
#88
 Benzo(b)fluoranthene
 Concen: 7.823 ng/ul
 RT: 22.79 min Scan# 3367
 Delta R.T. 0.00 min
 Lab File: BM023248.D
 Acq: 18 Oct 2019 08:52

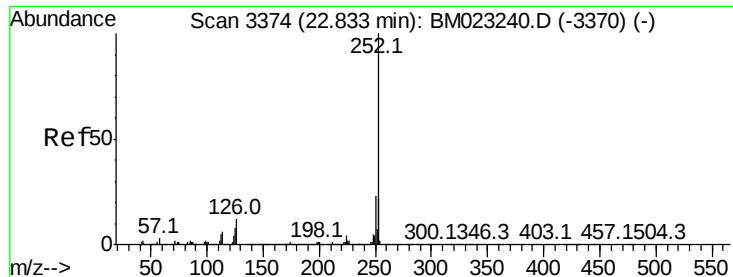
Tgt Ion:252 Resp: 1107402

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	9.1	6.4	9.6



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 8.148 ng/ul

RT: 22.79 min Scan# 3367

Delta R.T. -0.04 min

Lab File: BM023248.D

Acq: 18 Oct 2019 08:52

Instrument :

BNA_M

ClientSampleId :

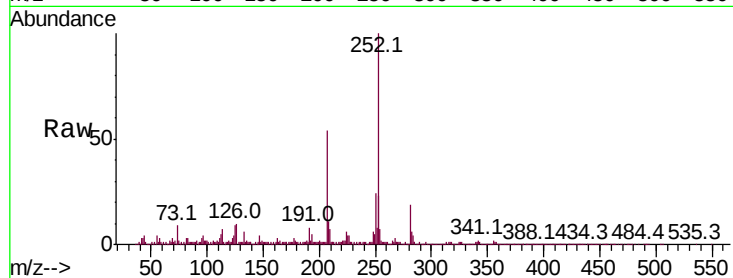
Tot Ion:252 Resp: 1107402

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

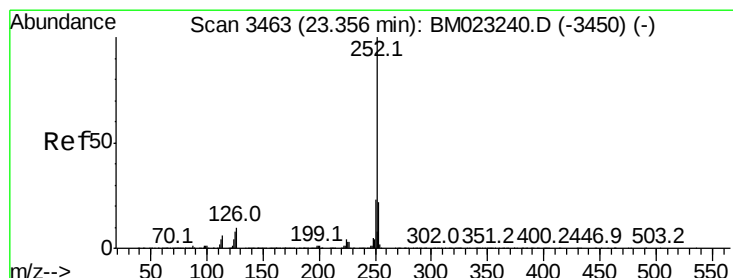
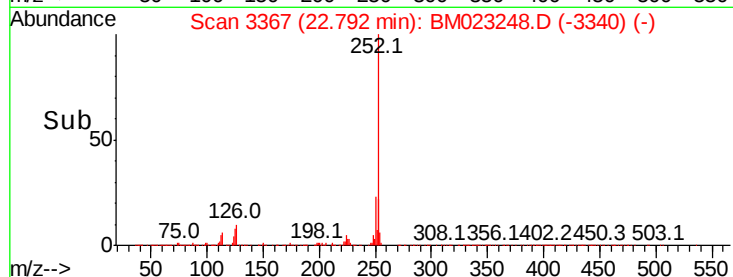
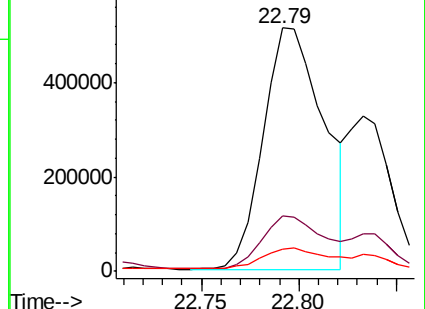
125 9.1 6.5 9.7



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: 6.910 ng/ul

RT: 23.36 min Scan# 3463

Delta R.T. 0.00 min

Lab File: BM023248.D

Acq: 18 Oct 2019 08:52

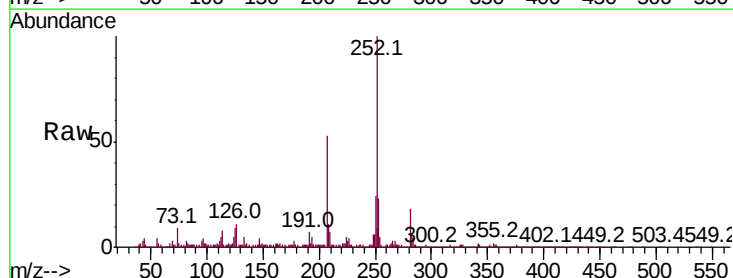
Tgt Ion:252 Resp: 938408

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

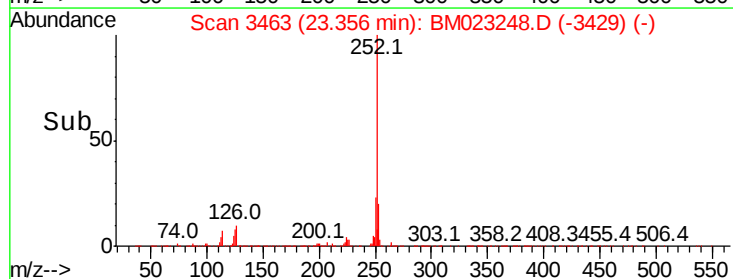
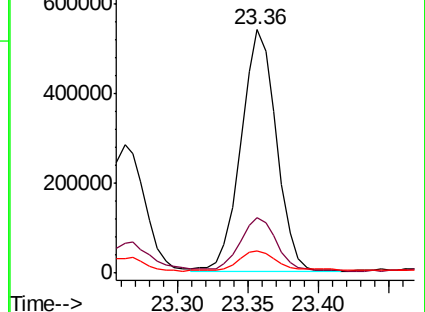
125 9.3 7.4 11.0

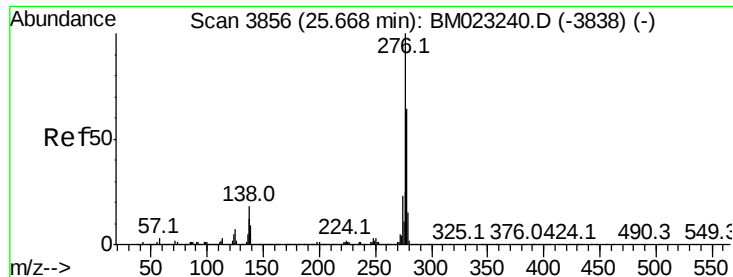


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



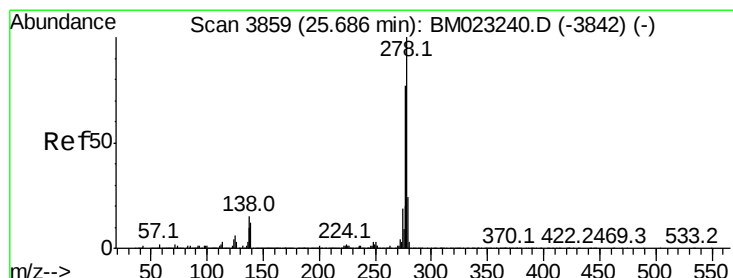
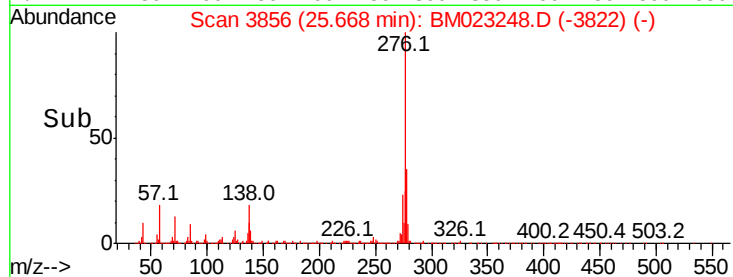
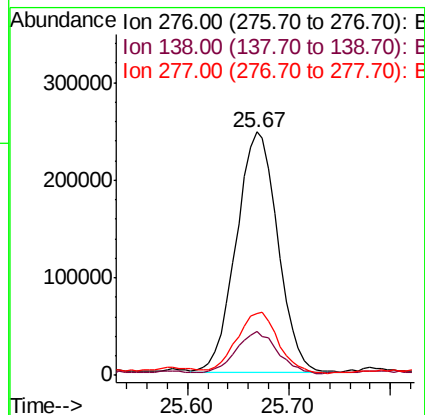
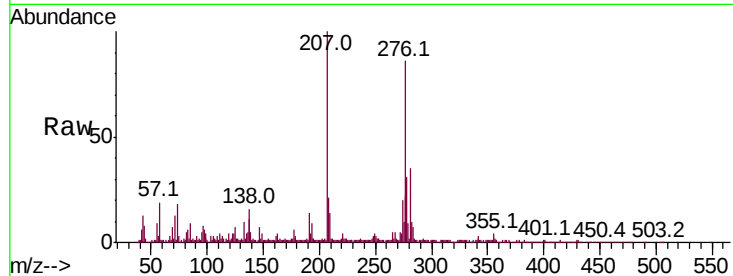


#92

Indeno(1,2,3-cd)pyrene
Concen: 4.336 ng/ul
RT: 25.67 min Scan# 3856
Delta R.T. 0.00 min
Lab File: BM023248.D
Acq: 18 Oct 2019 08:52

Instrument :
BNA_M
ClientSampleId :

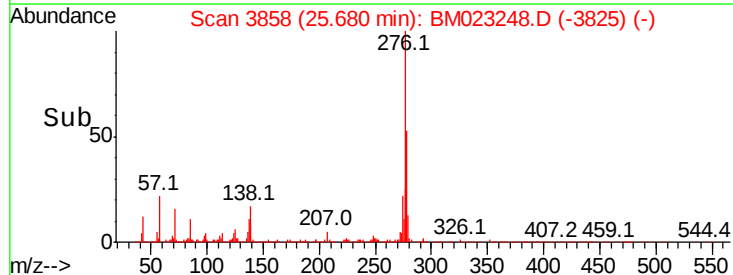
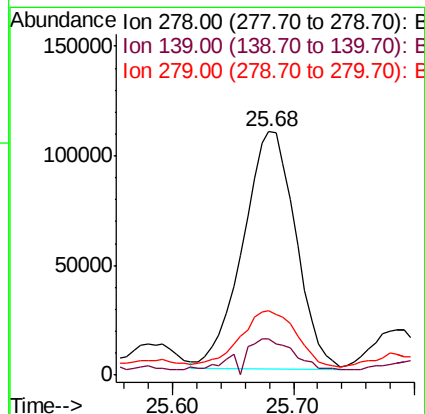
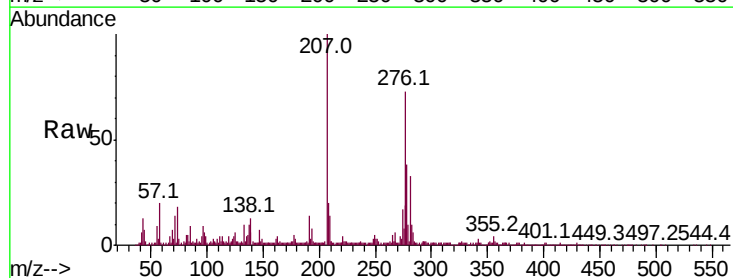
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	14.9	22.3
277	25.5	19.8	29.8

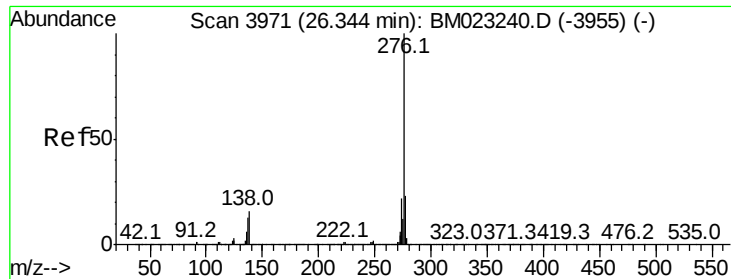


#93

Dibenzo(a,h)anthracene
Concen: 2.429 ng/ul
RT: 25.68 min Scan# 3858
Delta R.T. -0.01 min
Lab File: BM023248.D
Acq: 18 Oct 2019 08:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	10.0	15.0
279	26.5	19.4	29.0





#94

Benzo(a,h,i)perylene

Concen: 5.080 ng/ul

RT: 26.34 min Scan# 3971

Delta R.T. 0.00 min

Lab File: BM023248.D

Acq: 18 Oct 2019 08:52

Instrument :

BNA_M

ClientSampleId :

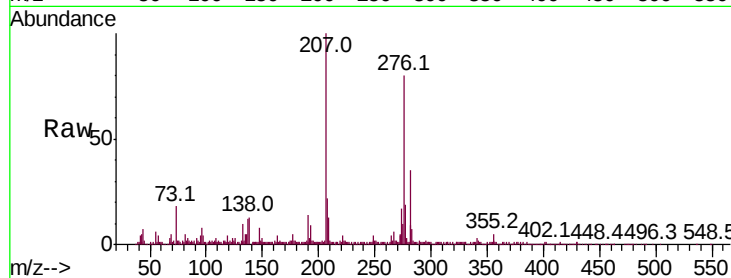
Tot Ion:276 Resp: 675777

Ion Ratio Lower Upper

276 100

138 16.7 14.4 21.6

277 23.9 19.4 29.2



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

