

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027099.D
 Acq On : 14 Aug 2020 22:45
 Operator : JU/CG
 Sample : L3631-09
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFMM5

Quant Time: Aug 17 01:23:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 11:47:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	124117	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	440103	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	276575	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	604892	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	709094	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	749163	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	7843	2.87	ng/uL	0.00
5) Phenol-d5	6.82	99	148374	15.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	108967	16.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	123397	16.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	113665	15.11	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	59058	16.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	60529	16.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	127633	16.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	126410	14.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	415295	18.83	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	458308	17.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	44804	12.03	ng/ul	0.00
58) Fluorene-d10	15.27	176	345337	17.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	40635	12.30	ng/ul	0.00
71) Anthracene-d10	17.11	188	522514	17.53	ng/ul	0.00
79) Pyrene-d10	19.41	212	631678	17.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	739607	17.69	ng/ul	0.00

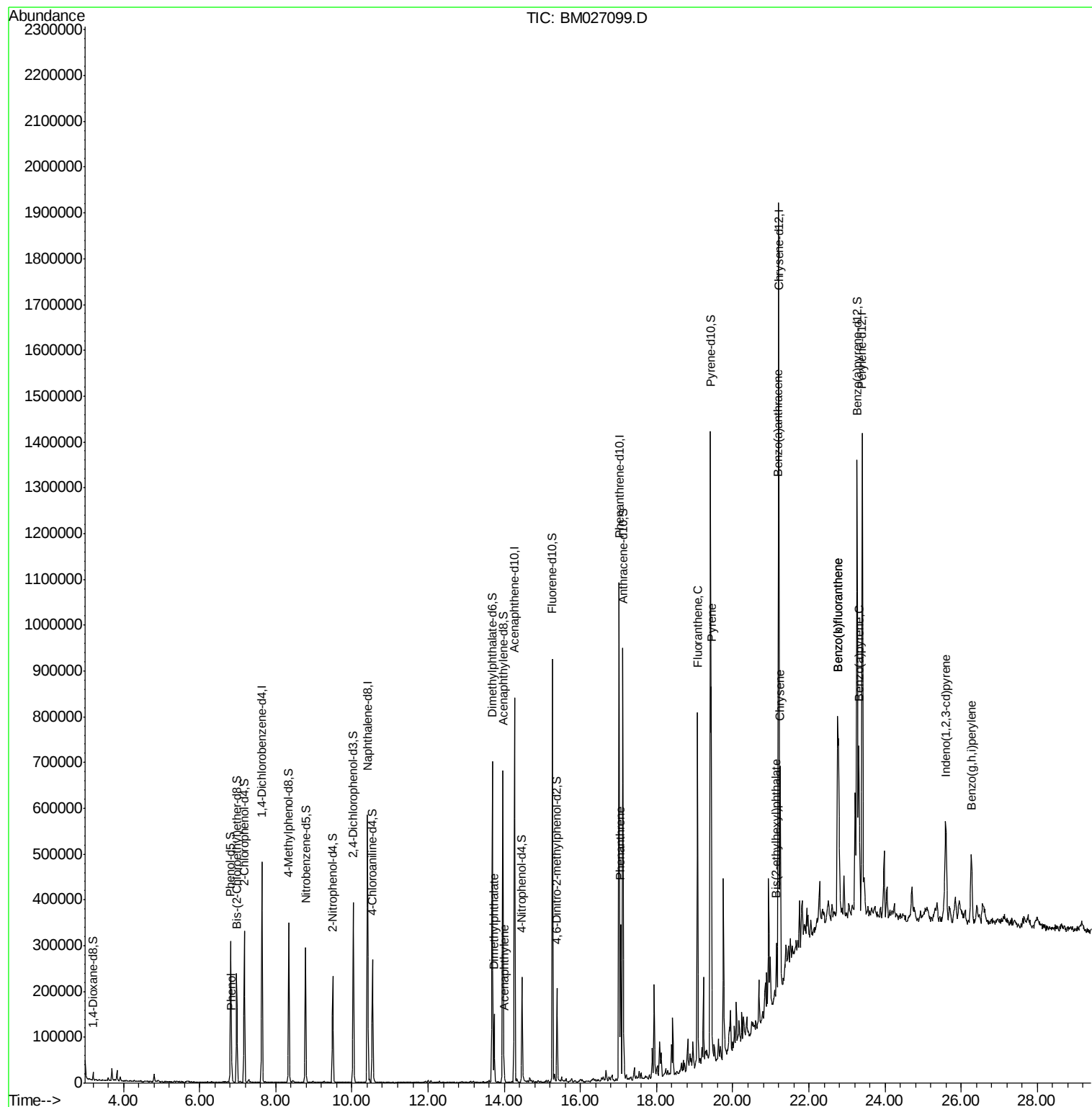
Target Compounds				Ovalue		
6) Phenol	6.85	94	18072	1.776	ng/ul	100
45) Dimethylphthalate	13.73	163	84429	3.653	ng/ul	98
48) Acenaphthylene	13.99	152	30518	1.142	ng/ul	96
70) Phenanthrene	17.06	178	193485	5.335	ng/ul	100
77) Fluoranthene	19.08	202	460966	10.483	ng/ul	97
80) Pyrene	19.44	202	465025	9.662	ng/ul	99
83) Benzo(a)anthracene	21.19	228	238402	4.994	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.15	149	36880	1.380	ng/ul#	95
85) Chrysene	21.24	228	268900	5.739	ng/ul	98
88) Benzo(b)fluoranthene	22.75	252	376884	7.245	ng/ul	97
89) Benzo(k)fluoranthene	22.75	252	376884	7.310	ng/ul	97
91) Benzo(a)pyrene	23.31	252	262758	5.550	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.60	276	199639	3.273	ng/ul#	95
94) Benzo(g,h,i)perylene	26.26	276	183370	3.639	ng/ul	99

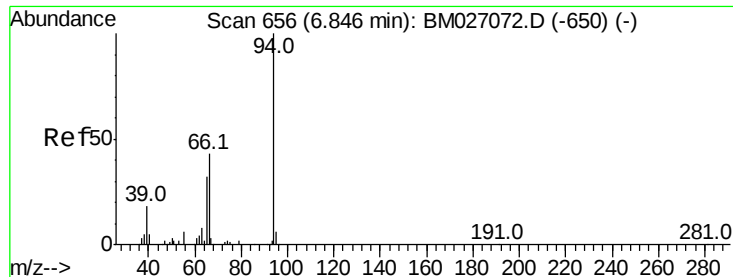
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027099.D
Acq On : 14 Aug 2020 22:45
Operator : JU/CG
Sample : L3631-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFMM5

Quant Time: Aug 17 01:23:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.776 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM027099.D

Acq: 14 Aug 2020 22:45

Instrument :

BNA_M

ClientSampled :

BFMM5

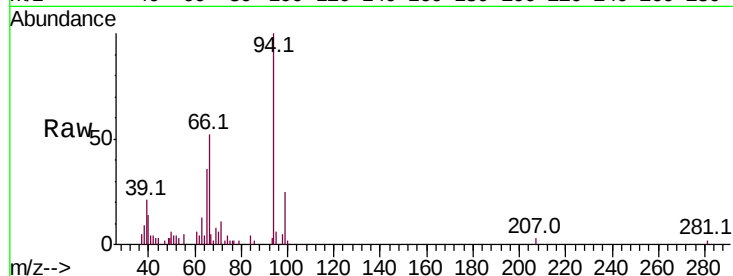
Tot Ion: 94 Resp: 18072

Ion Ratio Lower Upper

94 100

65 35.8 28.6 43.0

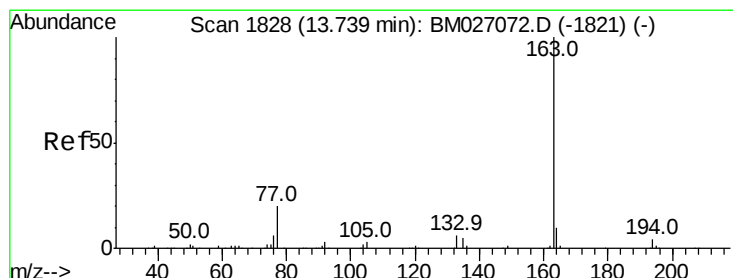
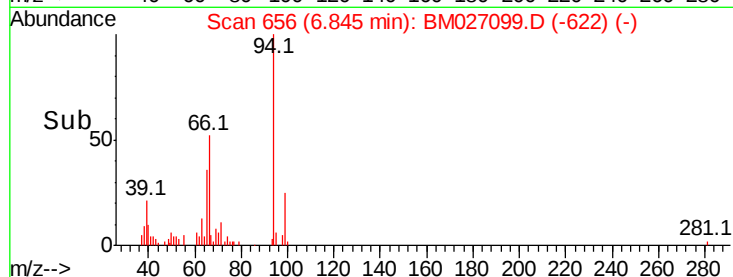
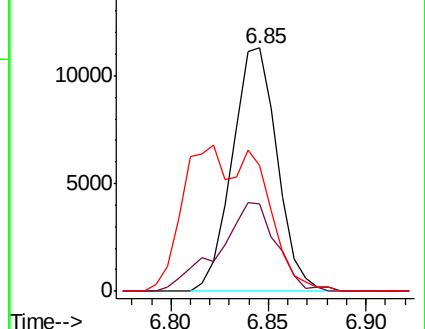
66 51.9 41.3 61.9



Abundance Ion 94.00 (93.70 to 94.70): BM027072.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM027072.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM027072.D (-650) (-)



#45

Dimethylphthalate

Concen: 3.653 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM027099.D

Acq: 14 Aug 2020 22:45

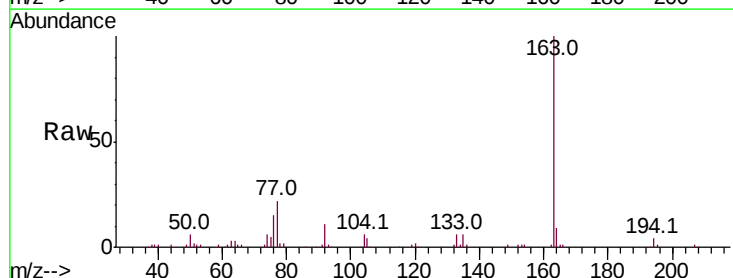
Tgt Ion:163 Resp: 84429

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

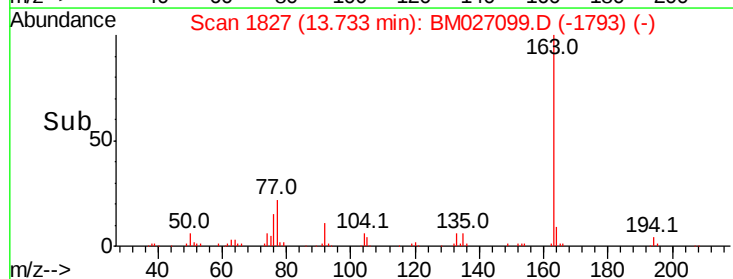
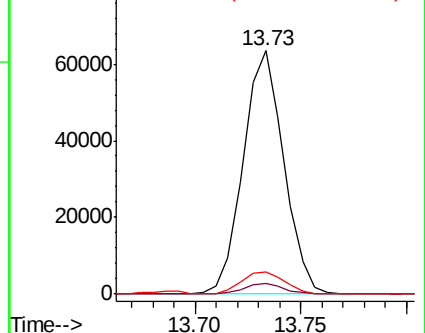
164 9.3 8.2 12.2

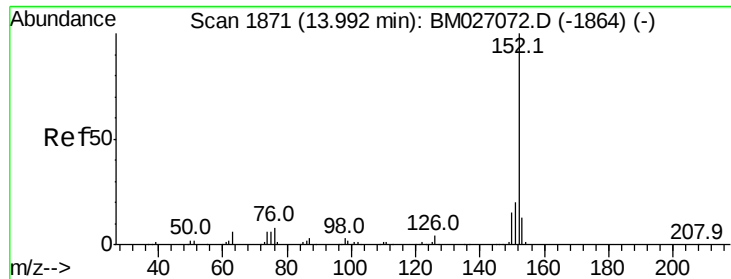


Abundance Ion 163.00 (162.70 to 163.70): BM027072.D (-1821) (-)

Ion 194.00 (193.70 to 194.70): BM027072.D (-1821) (-)

Ion 164.00 (163.70 to 164.70): BM027072.D (-1821) (-)





#48

Acenaphthylene

Concen: 1.142 ng/ul

RT: 13.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BM027099.D

Acq: 14 Aug 2020 22:45

Instrument :

BNA_M

ClientSampleId :

BFMM5

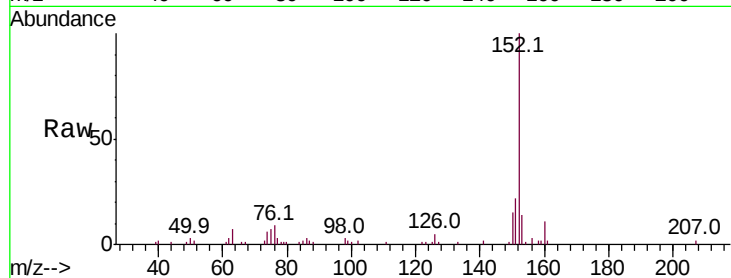
Tot Ion:152 Resp: 30518

Ion Ratio Lower Upper

152 100

151 21.9 15.9 23.9

153 13.8 9.8 14.8

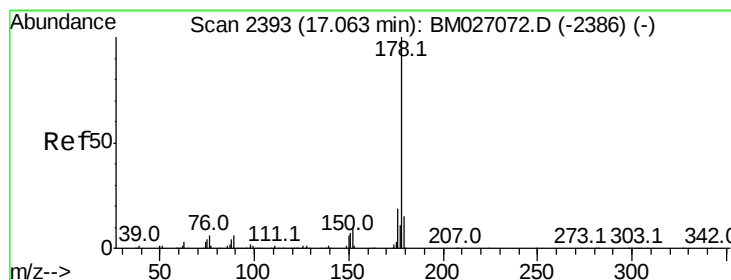
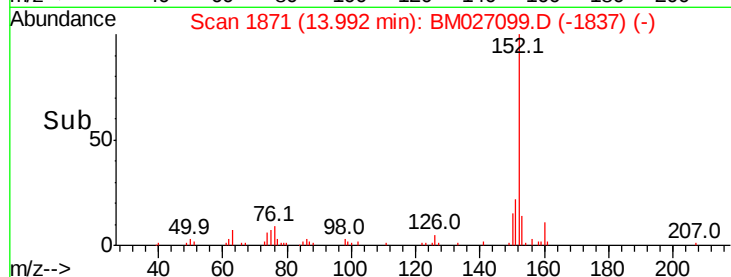
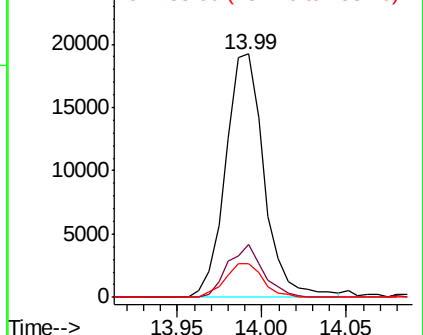


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#70

Phenanthrene

Concen: 5.335 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM027099.D

Acq: 14 Aug 2020 22:45

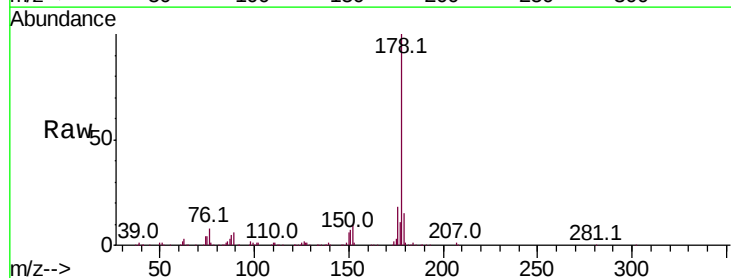
Tgt Ion:178 Resp: 193485

Ion Ratio Lower Upper

178 100

179 15.2 11.9 17.9

176 18.2 14.6 22.0

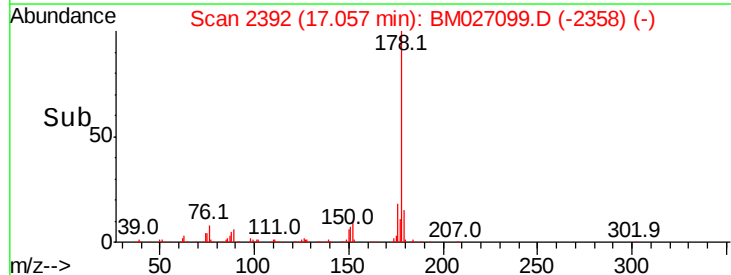
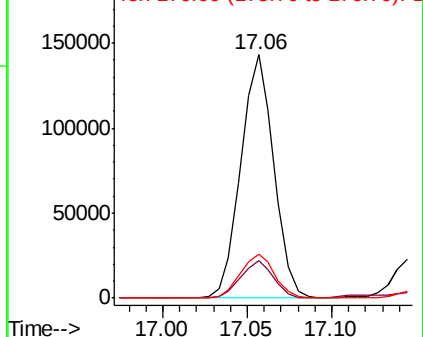


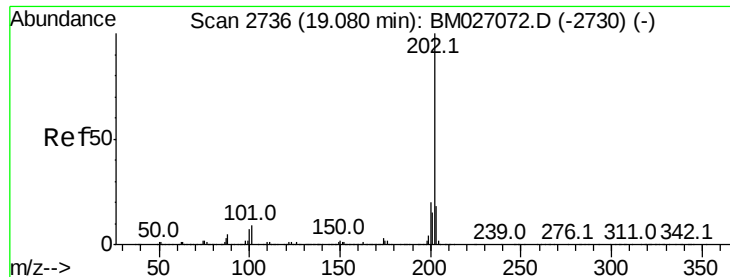
Abundance

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

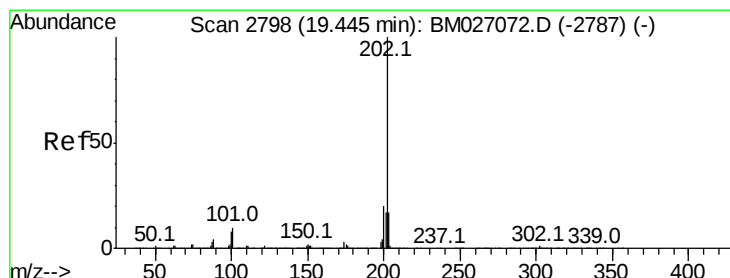
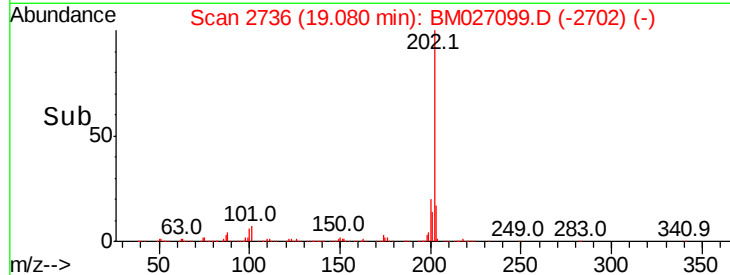
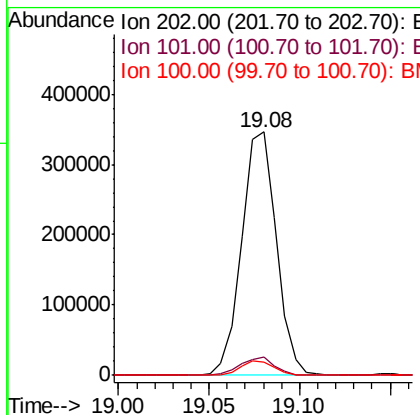
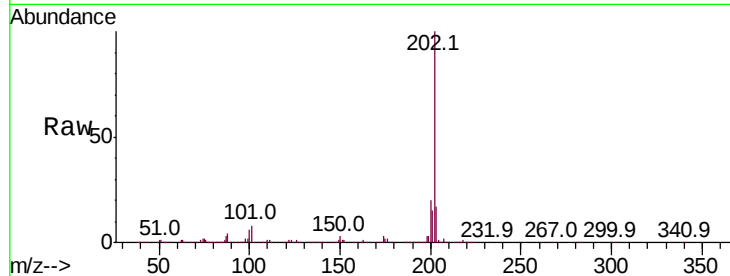




#77
 Fluoranthene
 Concen: 10.483 ng/ul
 RT: 19.08 min Scan# 2736
 Delta R.T. -0.00 min
 Lab File: BM027099.D
 Acq: 14 Aug 2020 22:45

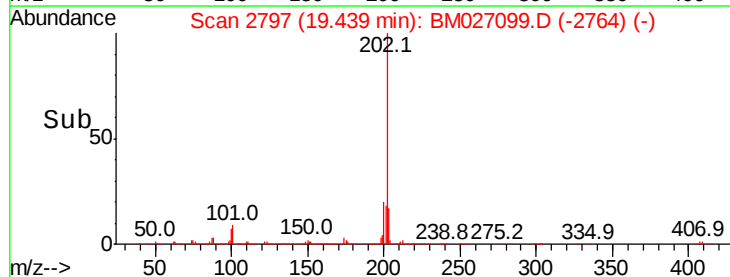
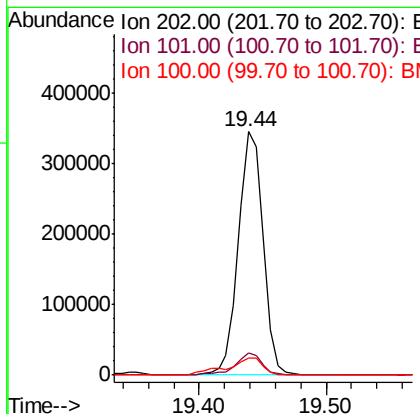
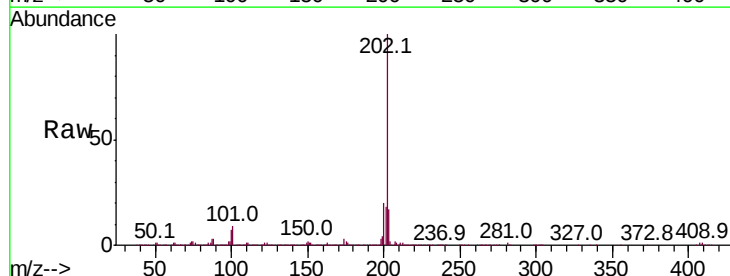
Instrument :
 BNA_M
 ClientSampleId :
 BFMM5

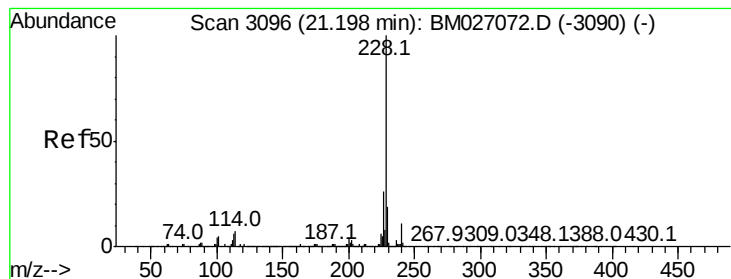
Tot Ion:	202	Resp:	460966
Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.7	10.1
100	5.7	5.4	8.2



#80
 Pyrene
 Concen: 9.662 ng/ul
 RT: 19.44 min Scan# 2797
 Delta R.T. -0.01 min
 Lab File: BM027099.D
 Acq: 14 Aug 2020 22:45

Tgt Ion:	202	Resp:	465025
Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.6	11.4
100	7.2	6.3	9.5





#83

Benzo(a)anthracene

Concen: 4.994 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM027099.D

Acq: 14 Aug 2020 22:45

Instrument :

BNA_M

ClientSampled :

BFMM5

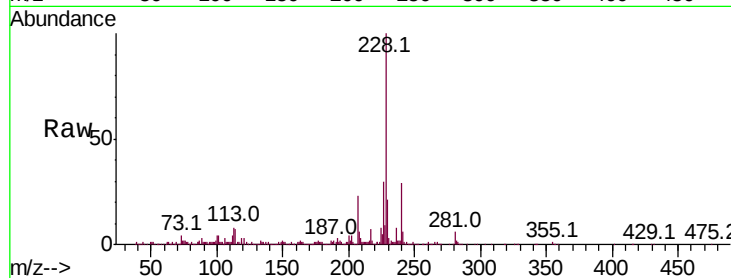
Tot Ion:228 Resp: 238402

Ion Ratio Lower Upper

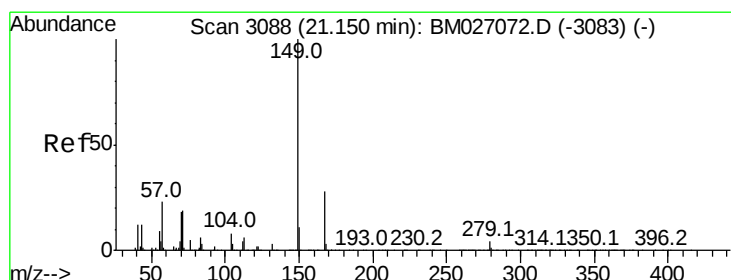
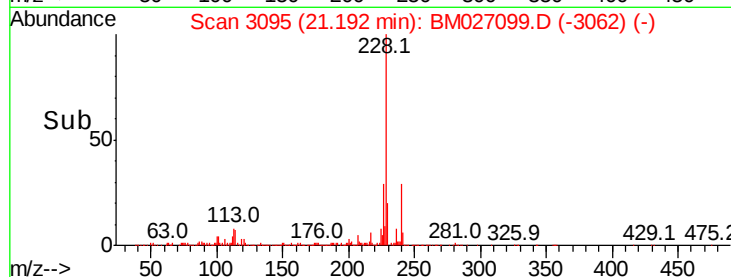
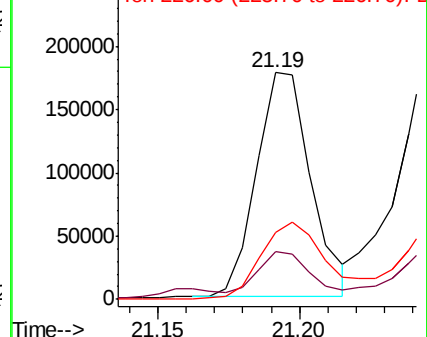
228 100

229 21.0 15.8 23.6

226 29.7 21.2 31.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.380 ng/ul

RT: 21.15 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM027099.D

Acq: 14 Aug 2020 22:45

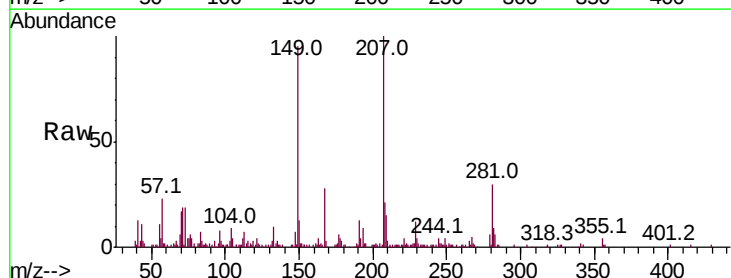
Tgt Ion:149 Resp: 36880

Ion Ratio Lower Upper

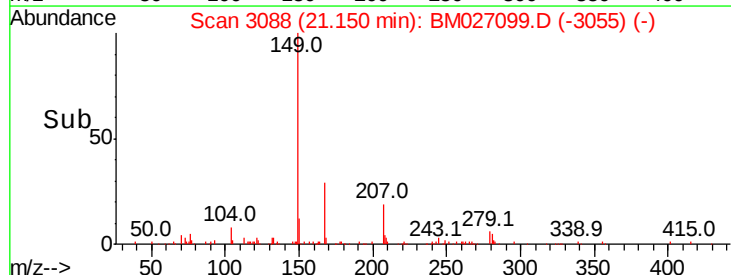
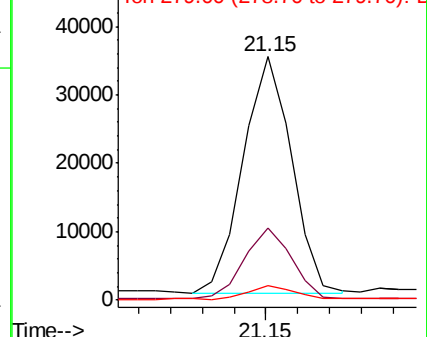
149 100

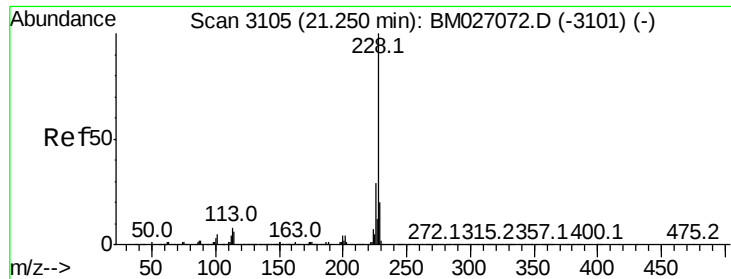
167 29.6 21.6 32.4

279 6.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

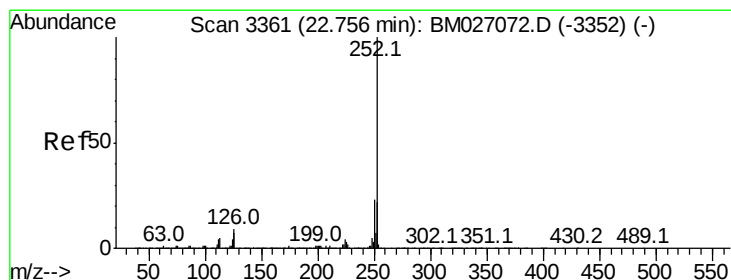
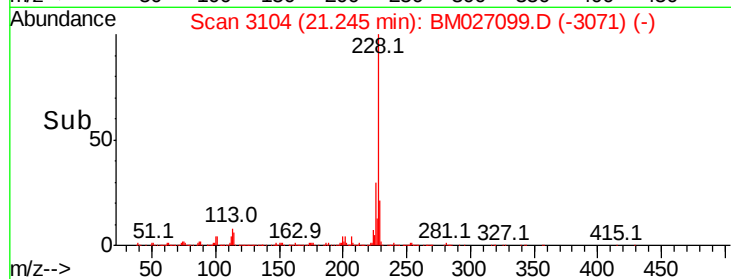
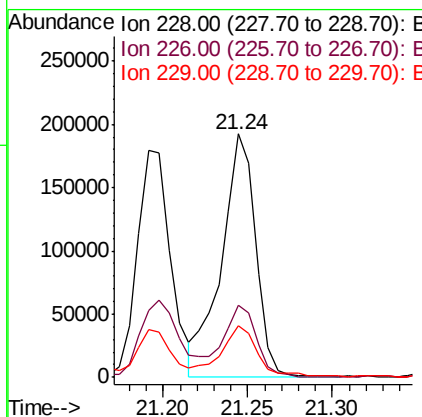
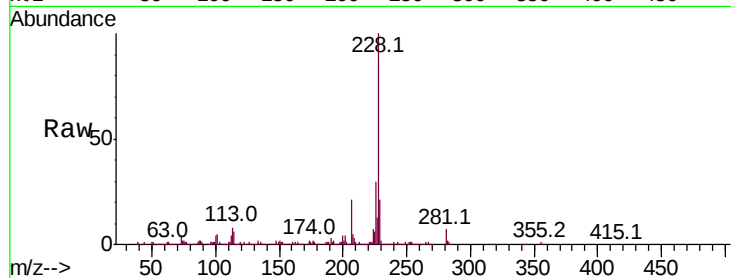




#85
Chrysene
Concen: 5.739 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM027099.D
Acq: 14 Aug 2020 22:45

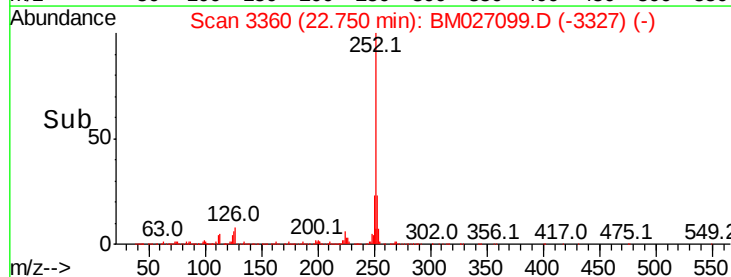
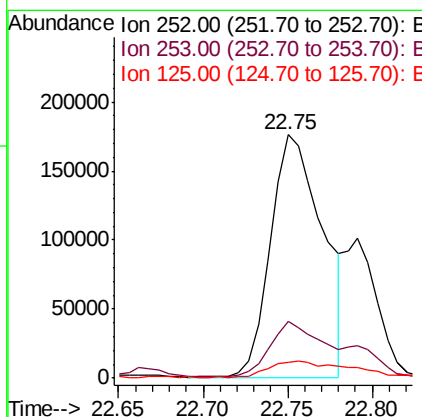
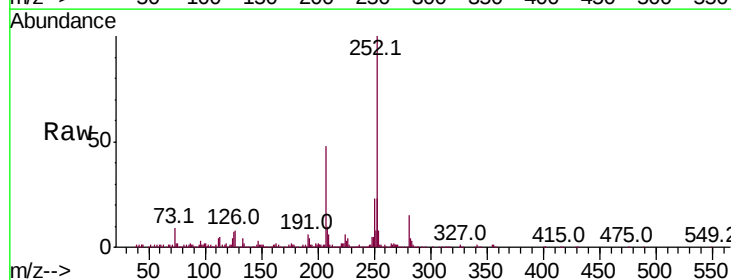
Instrument :
BNA_M
ClientSampled :
BFMM5

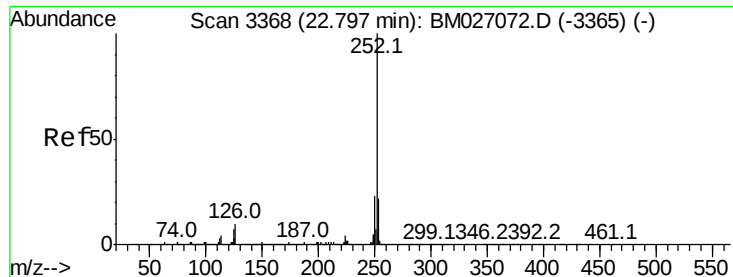
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	21.4	15.8	23.8



#88
Benzo(b)fluoranthene
Concen: 7.245 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM027099.D
Acq: 14 Aug 2020 22:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	6.7	6.0	9.0





#89

Benzo(k)fluoranthene

Concen: 7.310 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. -0.05 min

Lab File: BM027099.D

Acq: 14 Aug 2020 22:45

Instrument :

BNA_M

ClientSampled :

BFMM5

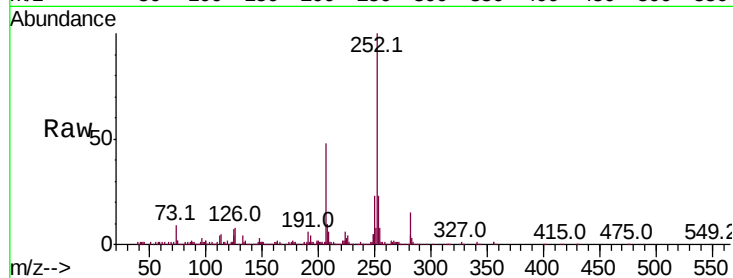
Tot Ion:252 Resp: 376884

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

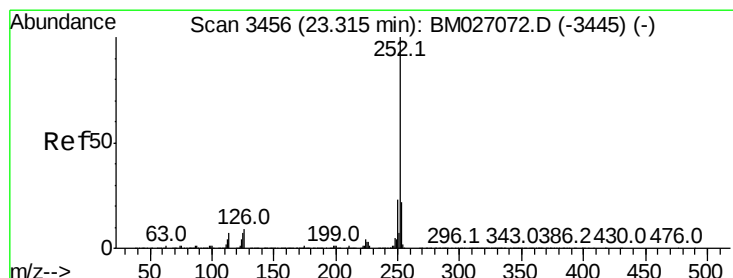
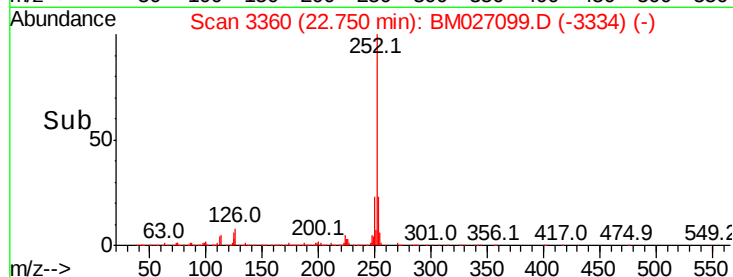
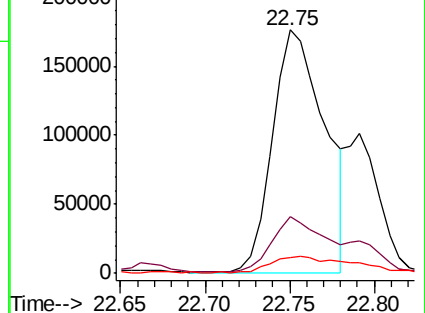
125 6.7 5.5 8.3



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: 5.550 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM027099.D

Acq: 14 Aug 2020 22:45

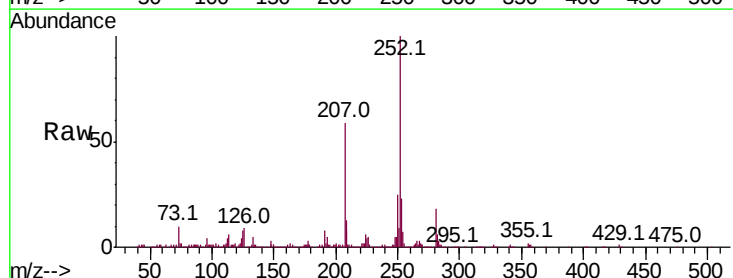
Tgt Ion:252 Resp: 262758

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

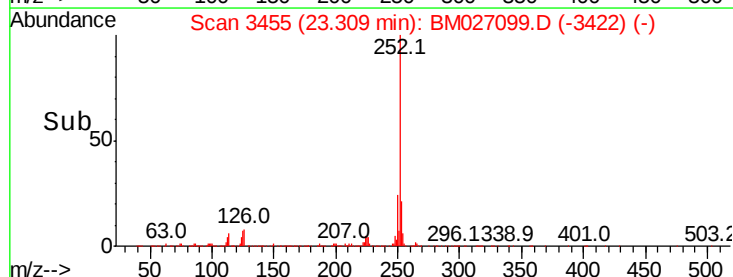
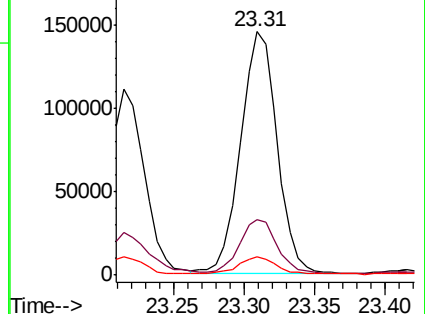
125 7.6 5.8 8.8

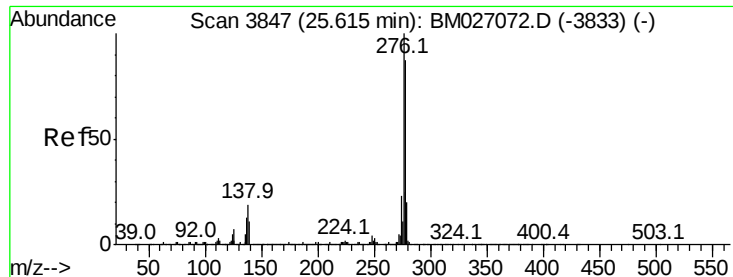


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



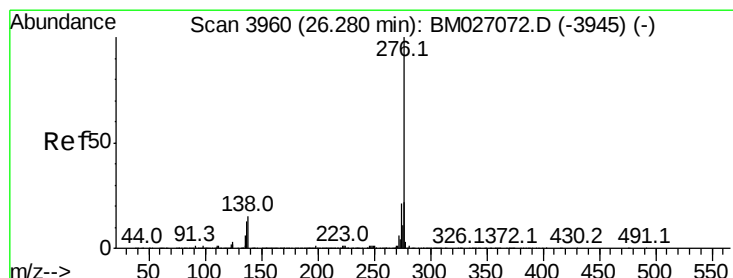
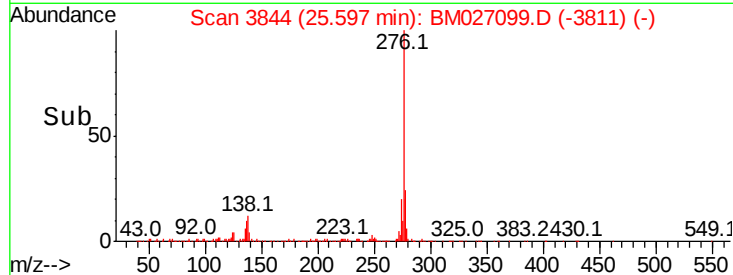
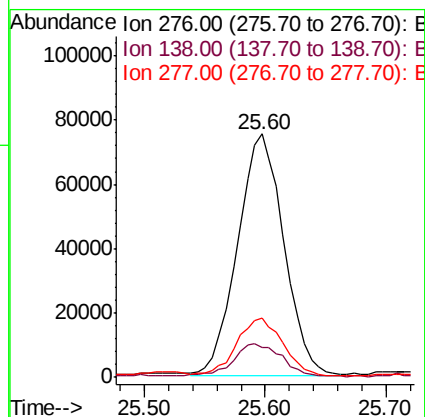
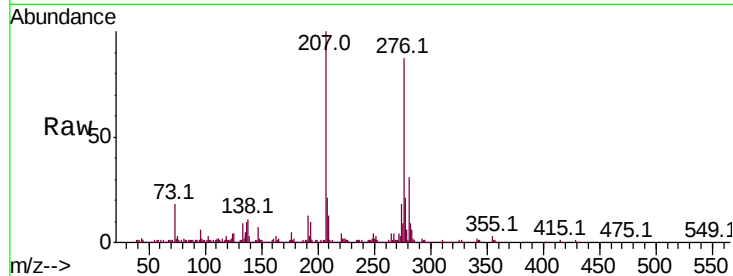


#92

Indeno(1,2,3-cd)pyrene
Concen: 3.273 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BM027099.D
Acq: 14 Aug 2020 22:45

Instrument :
BNA_M
ClientSampleId :
BFMM5

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.3	13.9	20.9
277	24.6	19.8	29.8



#94

Benzo(g,h,i)perylene
Concen: 3.639 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. -0.01 min
Lab File: BM027099.D
Acq: 14 Aug 2020 22:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.3	18.5
277	23.7	19.0	28.6

