

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040320\
 Data File : BM025899.D
 Acq On : 02 Apr 2020 13:17
 Operator : CG/JU
 Sample : L1516-06DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD24DL

Quant Time: Apr 02 13:57:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 10:49:07 2020
 Response via : Initial Calibration

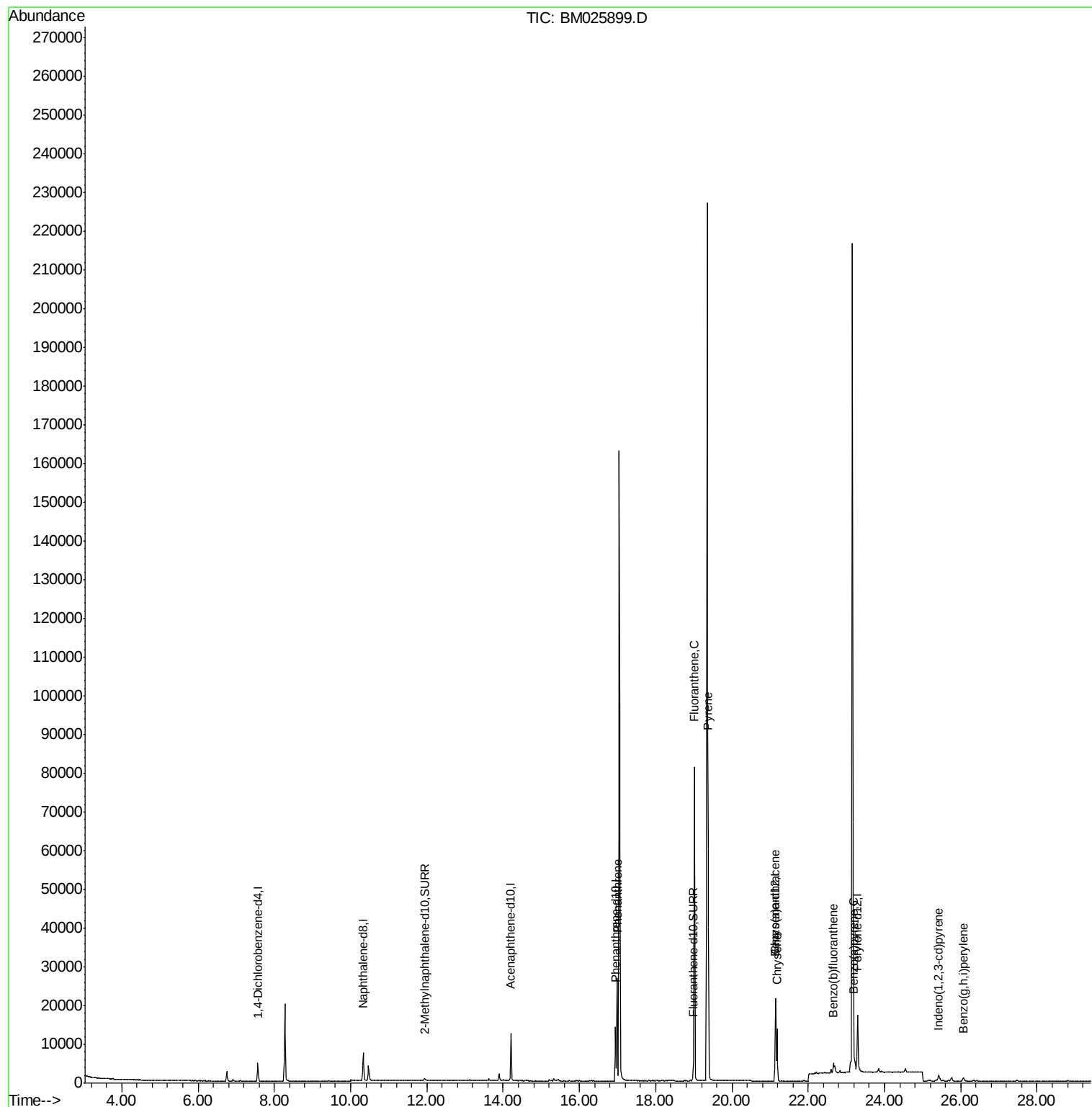
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2328	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	9682	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	6643	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	16070	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	17233	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	17842	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	830	0.05	ng/ul	0.01
14) Fluoranthene-d10	18.98	212	2341	0.05	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.99	178	28688	0.567	ng/ul	99
15) Fluoranthene	19.01	202	71245	1.139	ng/ul	99
17) Pyrene	19.37	202	64381	1.043	ng/ul	97
18) Benzo(a)anthracene	21.13	228	7856	0.128	ng/ul	99
19) Chrysene	21.18	228	13008	0.193	ng/ul	100
21) Benzo(b)fluoranthene	22.66	252	3740	0.057	ng/ul#	71
23) Benzo(a)pyrene	23.20	252	1946	0.033	ng/ul#	51
24) Indeno(1,2,3-cd)pyrene	25.42	276	2438	0.031	ng/ul#	96
26) Benzo(g,h,i)perylene	26.07	276	1997	0.030	ng/ul#	82

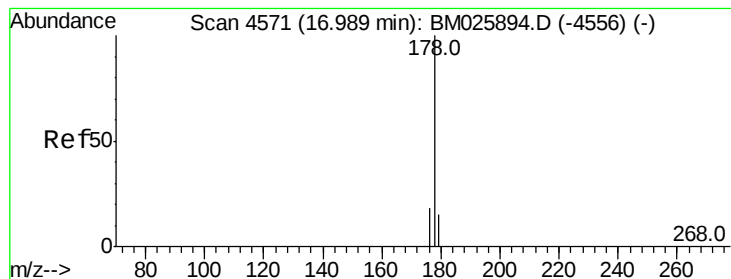
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.567 ng/ul

RT: 16.99 min Scan# 4571

Delta R.T. 0.00 min

Lab File: BM025899.D

Acq: 02 Apr 2020 13:17

Instrument :

BNA_M

ClientSampleId :

DBD24DL

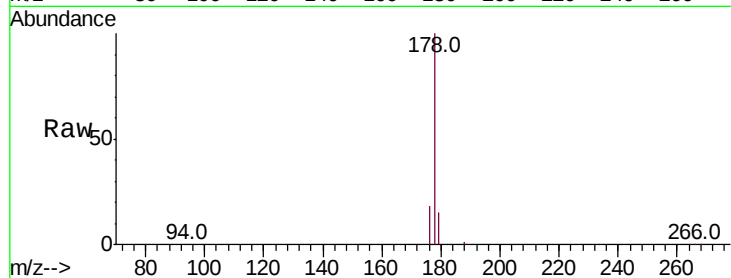
Tot Ion:178 Resp: 28688

Ion Ratio Lower Upper

178 100

179 15.4 12.8 19.2

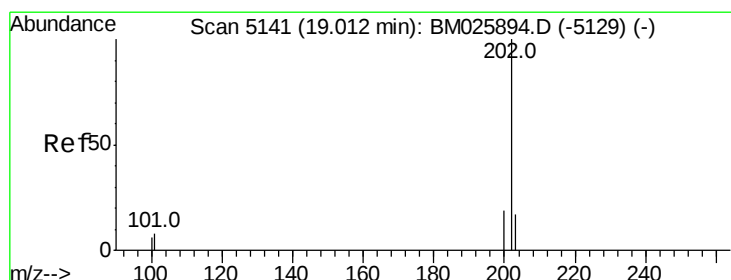
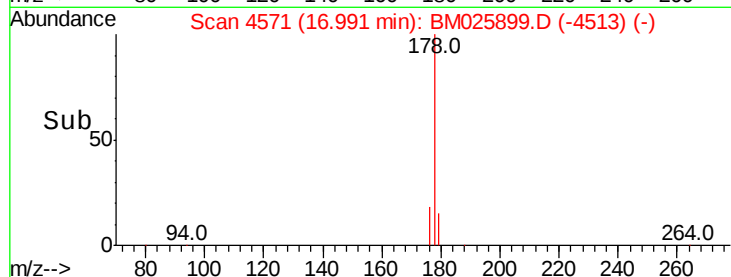
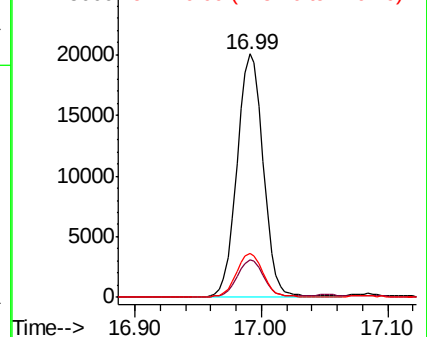
176 18.2 15.1 22.7



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



#15

Fluoranthene

Concen: 1.139 ng/ul

RT: 19.01 min Scan# 5141

Delta R.T. 0.00 min

Lab File: BM025899.D

Acq: 02 Apr 2020 13:17

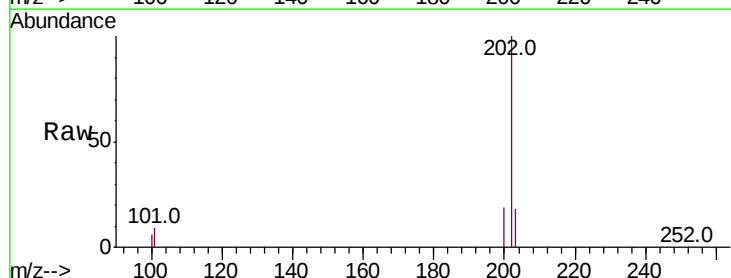
Tgt Ion:202 Resp: 71245

Ion Ratio Lower Upper

202 100

101 8.6 0.0 28.6

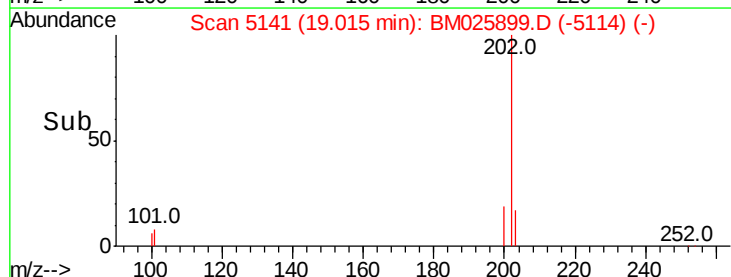
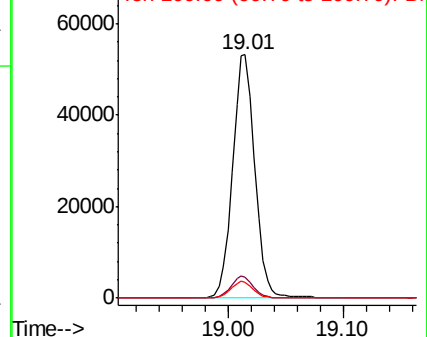
100 6.5 0.0 27.0

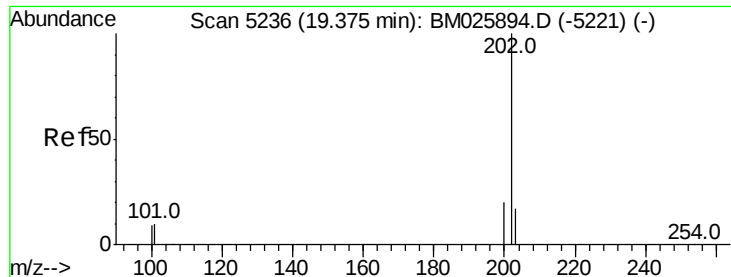


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 1.043 ng/ul

RT: 19.37 min Scan# 5235

Delta R.T. -0.00 min

Lab File: BM025899.D

Acq: 02 Apr 2020 13:17

Instrument :

BNA_M

ClientSampleId :

DBD24DL

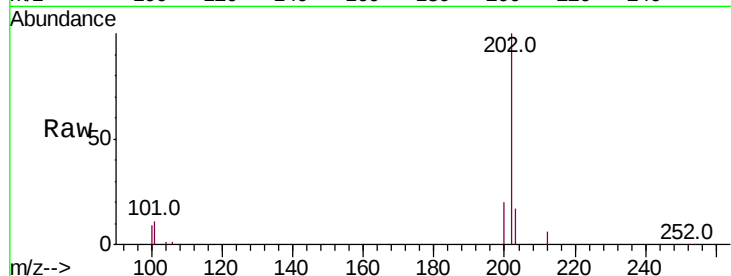
Tot Ion:202 Resp: 64381

Ion Ratio Lower Upper

202 100

101 10.6 7.5 11.3

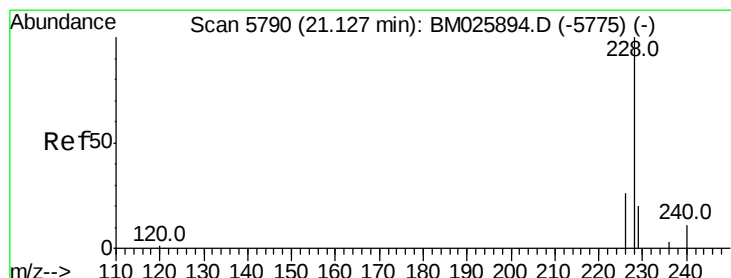
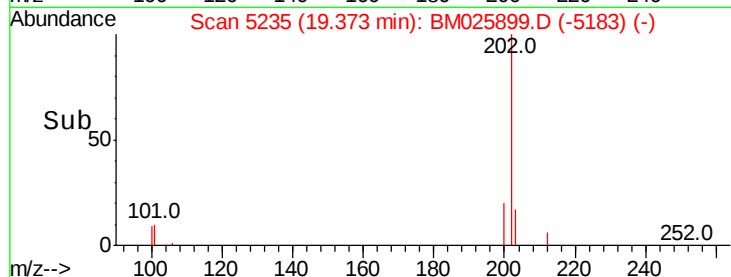
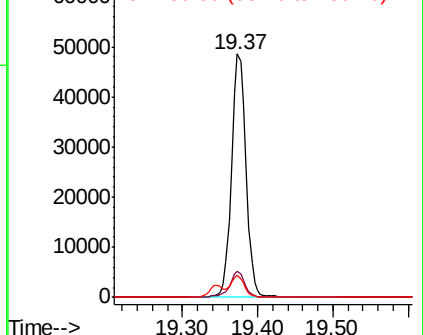
100 8.9 6.3 9.5



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



#18

Benzo(a)anthracene

Concen: 0.128 ng/ul

RT: 21.13 min Scan# 5791

Delta R.T. 0.00 min

Lab File: BM025899.D

Acq: 02 Apr 2020 13:17

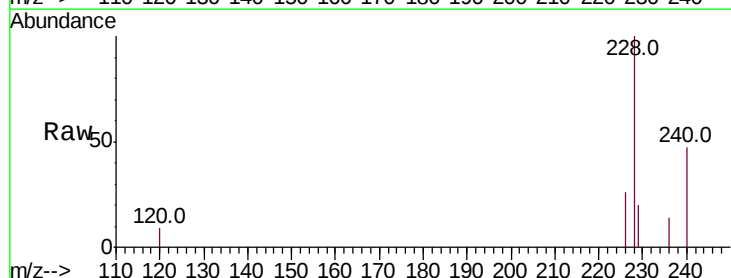
Tgt Ion:228 Resp: 7856

Ion Ratio Lower Upper

228 100

229 20.2 15.8 23.8

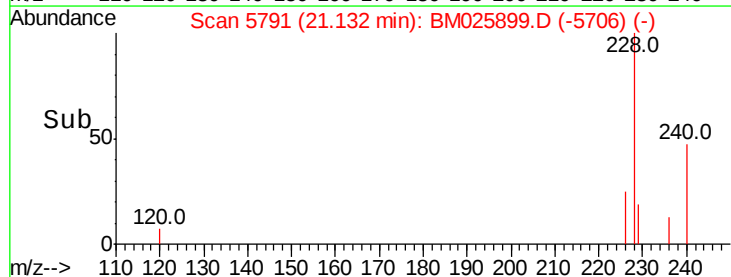
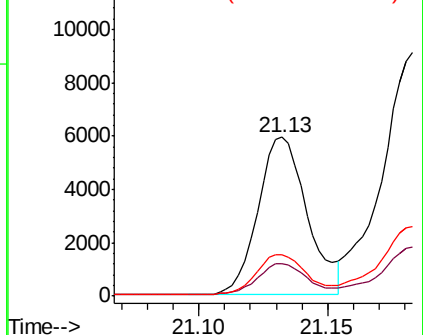
226 25.8 20.9 31.3

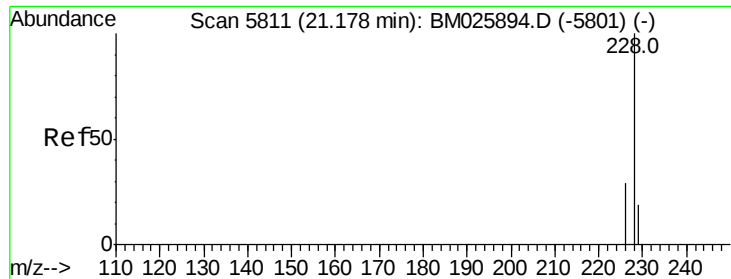


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.193 ng/ul

RT: 21.18 min Scan# 5812

Delta R.T. 0.00 min

Lab File: BM025899.D

Acq: 02 Apr 2020 13:17

Instrument :

BNA_M

ClientSampleId :

DBD24DL

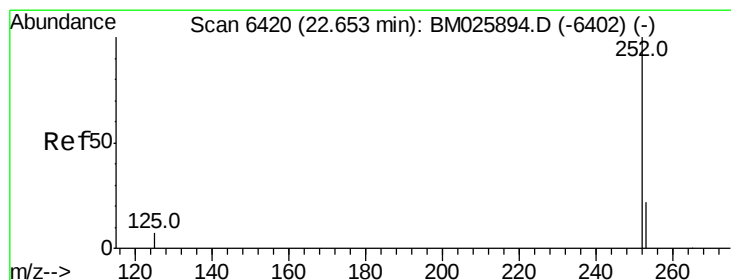
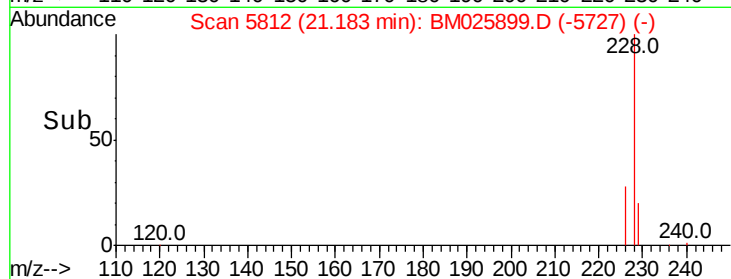
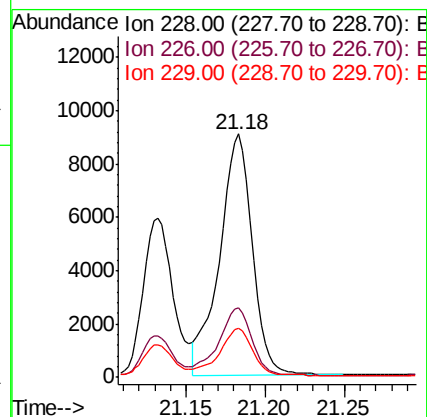
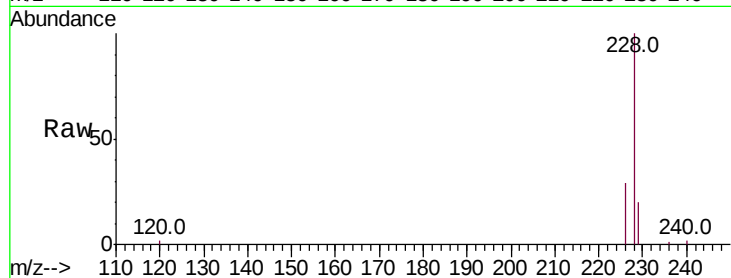
Tot Ion:228 Resp: 13008

Ion Ratio Lower Upper

228 100

226 28.7 22.9 34.3

229 20.2 15.8 23.8



#21

Benzo(b)fluoranthene

Concen: 0.057 ng/ul

RT: 22.66 min Scan# 6422

Delta R.T. 0.01 min

Lab File: BM025899.D

Acq: 02 Apr 2020 13:17

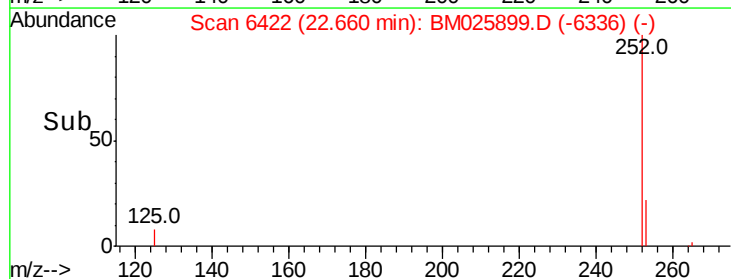
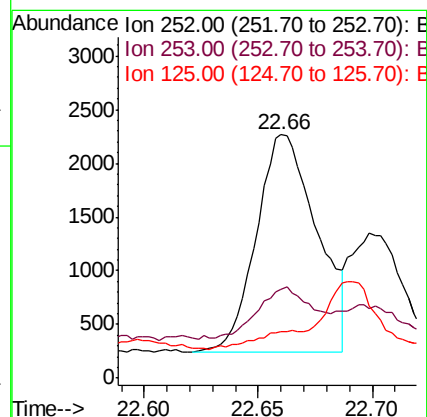
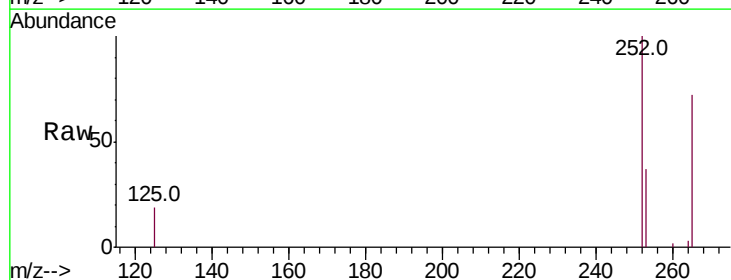
Tgt Ion:252 Resp: 3740

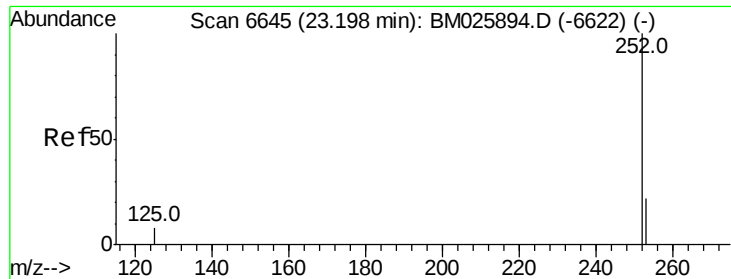
Ion Ratio Lower Upper

252 100

253 36.6 0.0 46.6

125 19.3 0.0 15.4#





#23

Benzo(a)pyrene

Concen: 0.033 ng/u1

RT: 23.20 min Scan# 6645

Delta R.T. 0.00 min

Lab File: BM025899.D

Acq: 02 Apr 2020 13:17

Instrument :

BNA_M

ClientSampleId :

DBD24DL

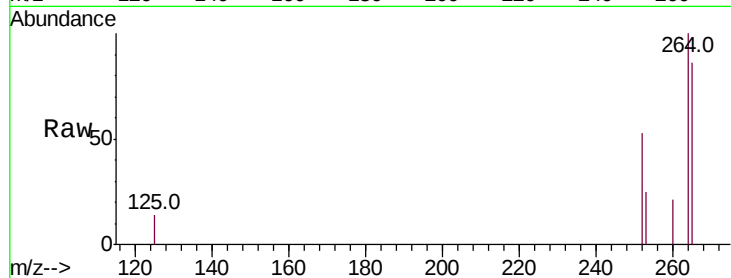
Tot Ion:252 Resp: 1946

Ion Ratio Lower Upper

252 100

253 47.9 19.2 28.8#

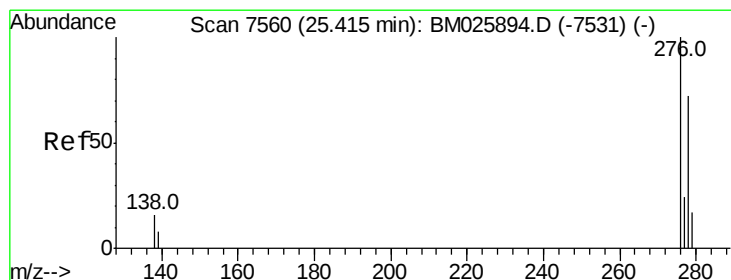
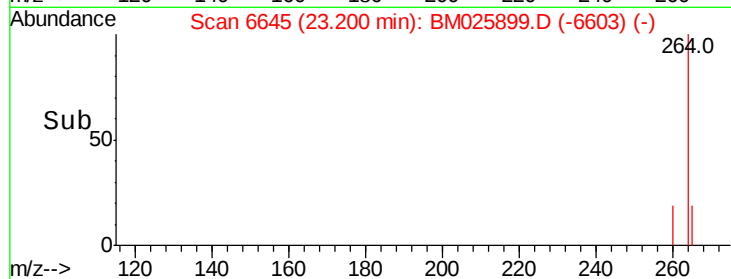
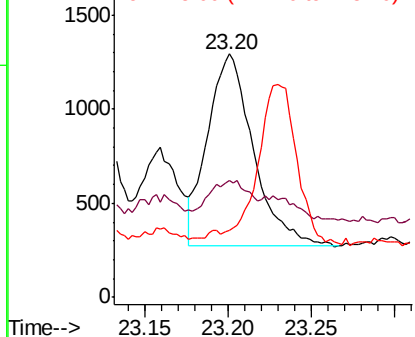
125 27.3 7.4 11.0#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.031 ng/u1

RT: 25.42 min Scan# 7561

Delta R.T. 0.00 min

Lab File: BM025899.D

Acq: 02 Apr 2020 13:17

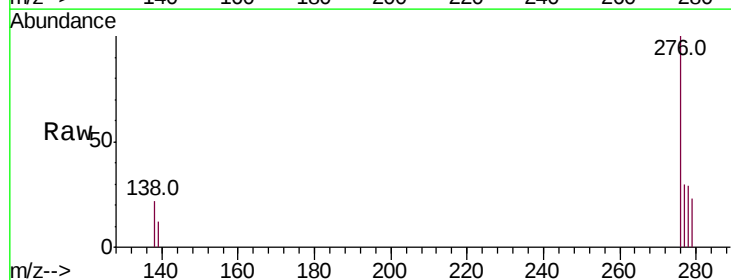
Tgt Ion:276 Resp: 2438

Ion Ratio Lower Upper

276 100

138 14.3 12.6 19.0

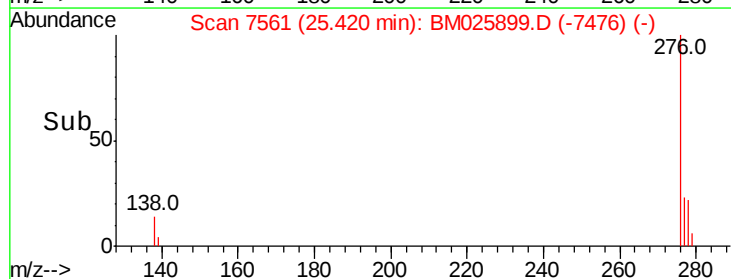
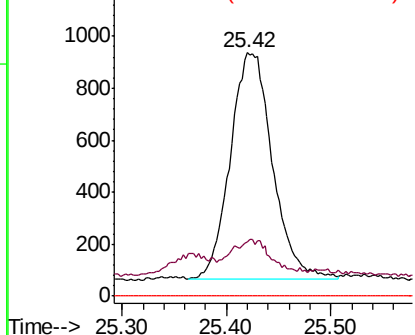
227 0.0 0.0 0.0

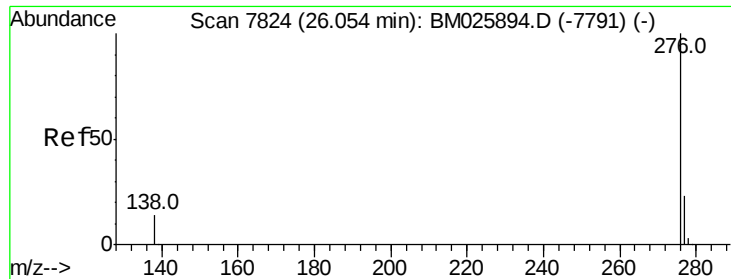


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.030 ng/ul

RT: 26.07 min Scan# 7830

Delta R.T. 0.02 min

Lab File: BM025899.D

Acq: 02 Apr 2020 13:17

Instrument :

BNA_M

ClientSampleId :

DBD24DL

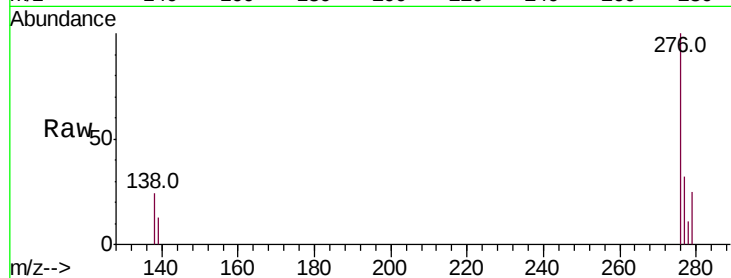
Tot Ion:276 Resp: 1997

Ion Ratio Lower Upper

276 100

138 23.9 11.8 17.8#

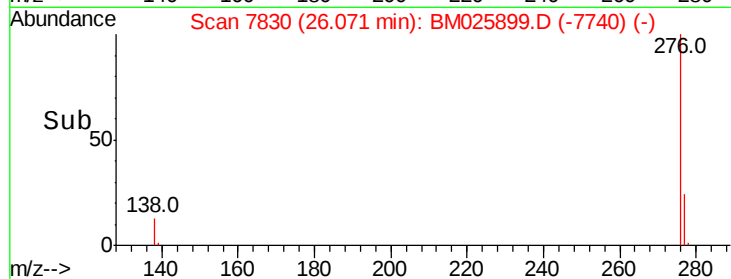
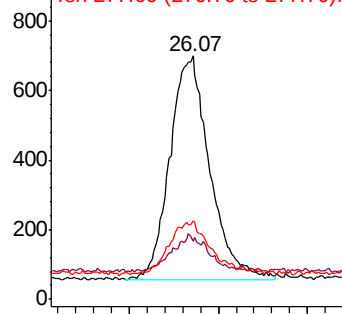
277 32.0 19.2 28.8#



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



Time-->