

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025298.D
 Acq On : 05 Mar 2020 21:21
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 06 02:46:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

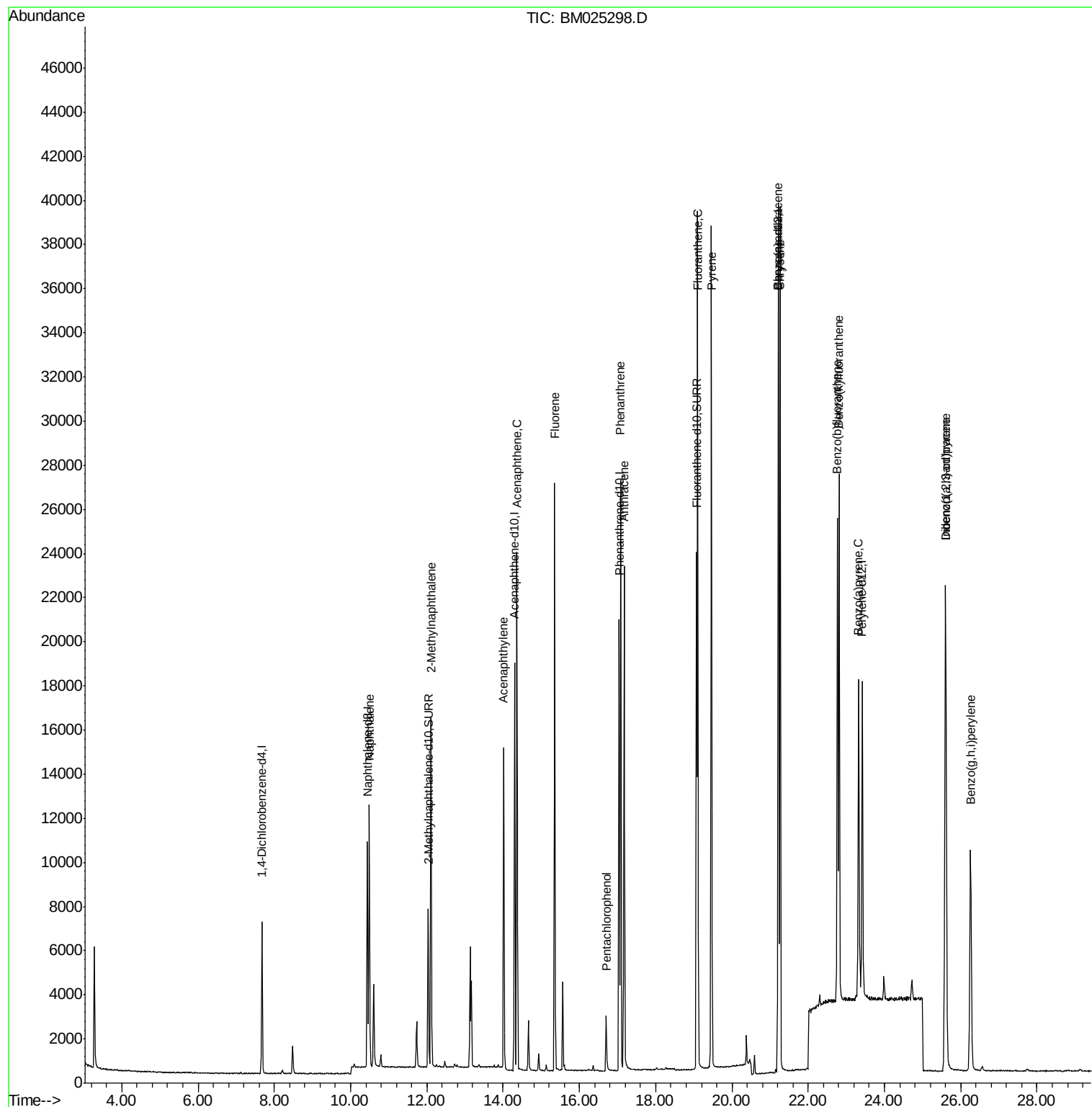
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3431	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	14237	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10085	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	24570	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	22240	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	18199	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	9625	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	27207	0.34	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	15471	0.361	ng/ul#	82
5) 2-Methylnaphthalene	12.11	142	11184	0.358	ng/ul	99
7) Acenaphthylene	14.01	152	16678	0.353	ng/ul	94
8) Acenaphthene	14.36	153	13285	0.363	ng/ul	99
9) Fluorene	15.35	166	16336	0.356	ng/ul	96
11) Pentachlorophenol	16.70	266	1955	0.304	ng/ul	95
12) Phenanthrene	17.08	178	28344	0.358	ng/ul	95
13) Anthracene	17.17	178	24956	0.355	ng/ul	95
15) Fluoranthene	19.10	202	34043	0.343	ng/ul	94
17) Pyrene	19.46	202	33273	0.394	ng/ul#	94
18) Benzo(a)anthracene	21.21	228	29870	0.365	ng/ul	98
19) Chrysene	21.27	228	32650	0.363	ng/ul	98
21) Benzo(b)fluoranthene	22.77	252	27296	0.375	ng/ul	93
22) Benzo(k)fluoranthene	22.81	252	29293	0.384	ng/ul#	97
23) Benzo(a)pyrene	23.32	252	22152	0.362	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.60	276	26665	0.350	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.61	278	22078	0.350	ng/ul#	95
26) Benzo(g,h,i)perylene	26.26	276	21584	0.334	ng/ul#	92

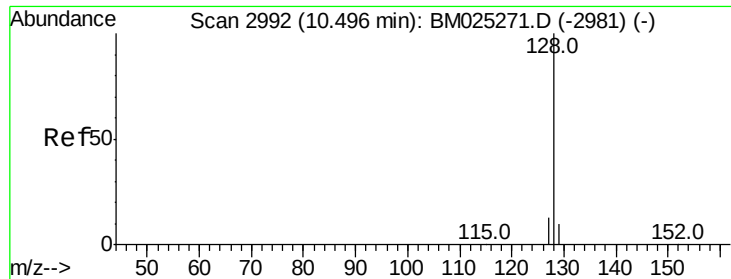
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.361 ng/ul

RT: 10.49 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BM025298.D

Acq: 05 Mar 2020 21:21

Instrument :

BNA_M

ClientSampleId :

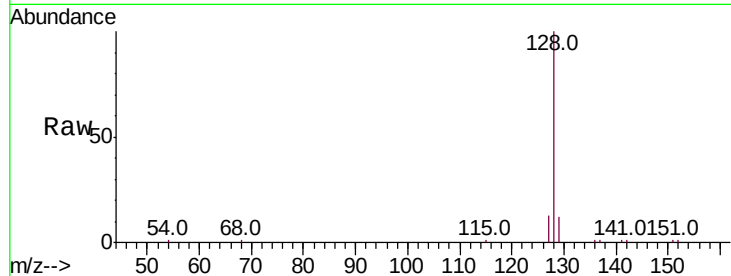
Tot Ion:128 Resp: 15471

Ion Ratio Lower Upper

128 100

129 11.5 17.0 25.6#

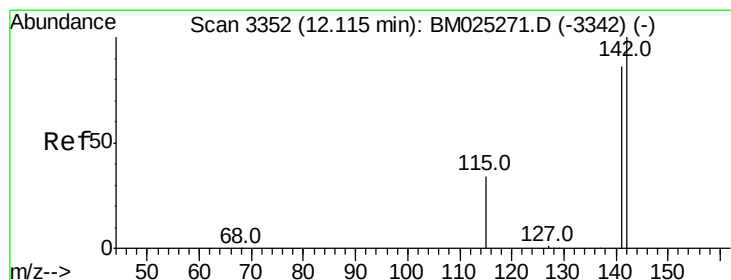
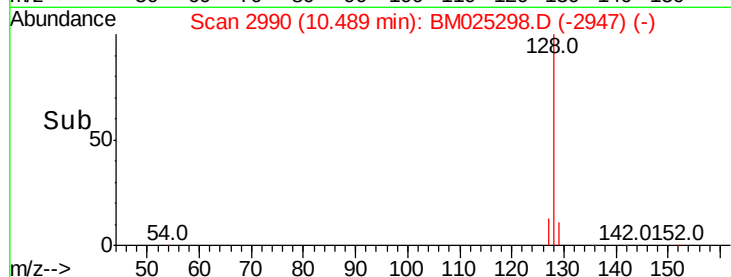
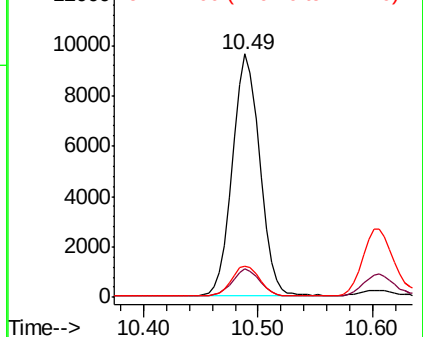
127 13.0 15.7 23.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.358 ng/ul

RT: 12.11 min Scan# 3350

Delta R.T. -0.00 min

Lab File: BM025298.D

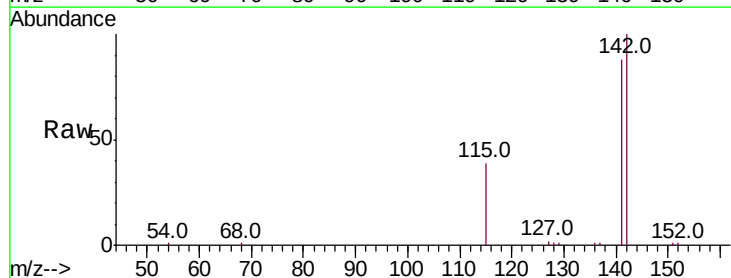
Acq: 05 Mar 2020 21:21

Tgt Ion:142 Resp: 11184

Ion Ratio Lower Upper

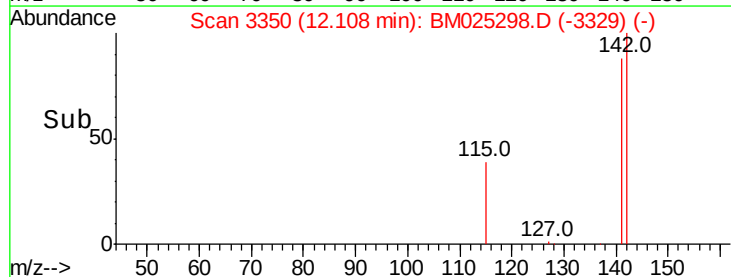
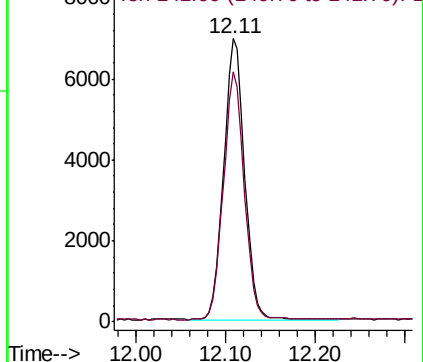
142 100

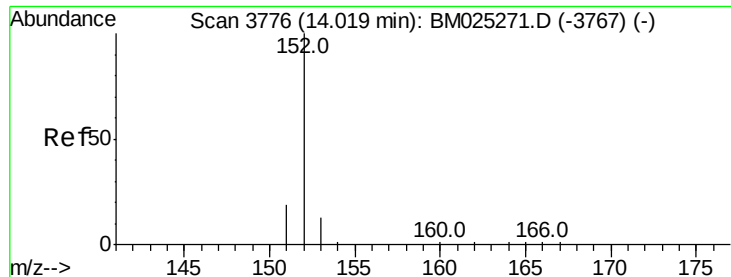
141 88.3 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.353 ng/ul

RT: 14.01 min Scan# 3774

Delta R.T. -0.01 min

Lab File: BM025298.D

Acq: 05 Mar 2020 21:21

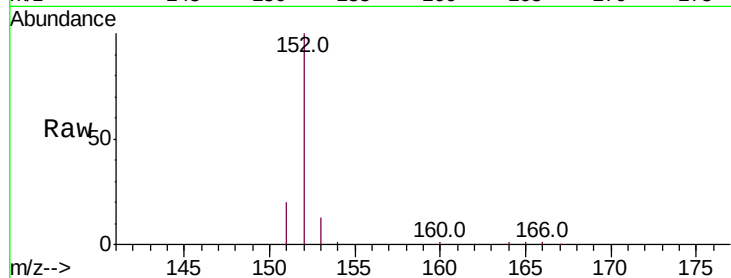
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 16678

Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.8	26.8
153	13.5	13.3	19.9

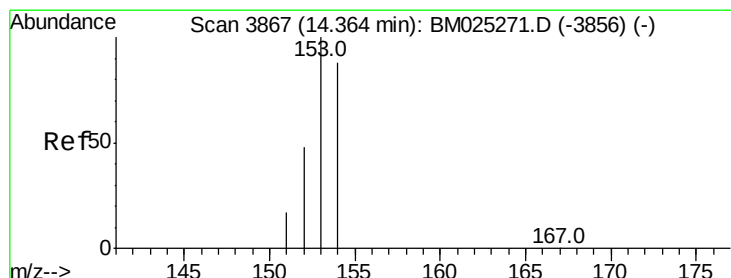
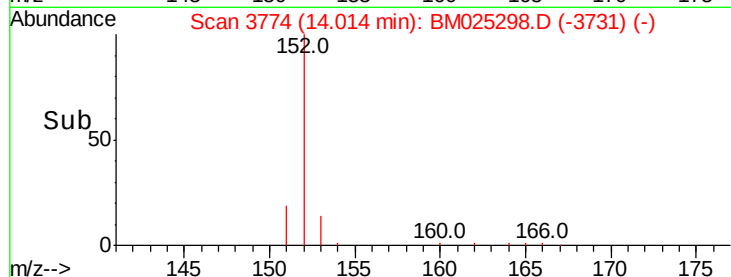
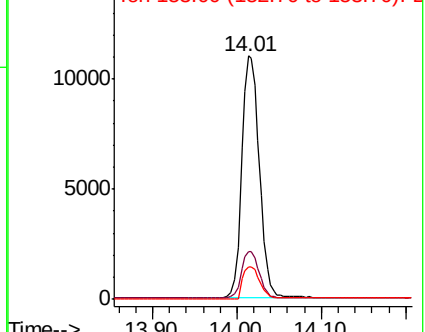


Abundance

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



#8

Acenaphthene

Concen: 0.363 ng/ul

RT: 14.36 min Scan# 3866

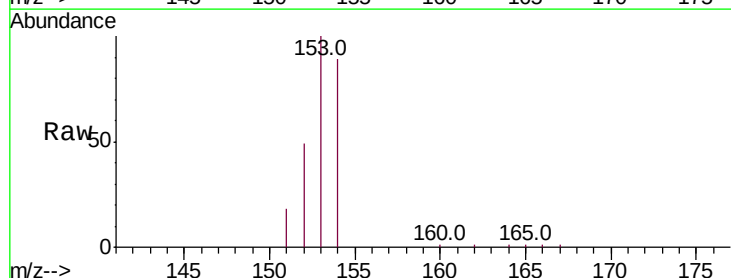
Delta R.T. -0.00 min

Lab File: BM025298.D

Acq: 05 Mar 2020 21:21

Tgt Ion:153 Resp: 13285

Ion	Ratio	Lower	Upper
153	100		
152	48.7	40.0	60.0
154	89.4	71.0	106.6

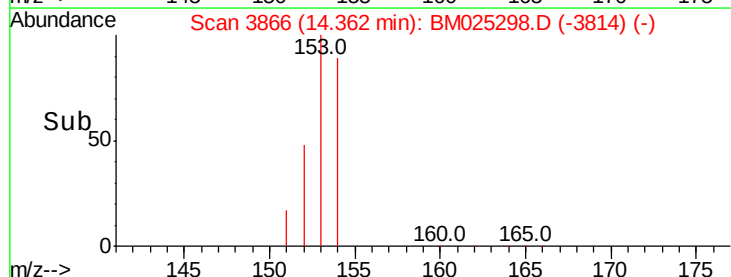
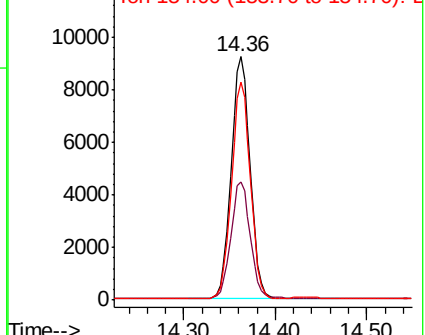


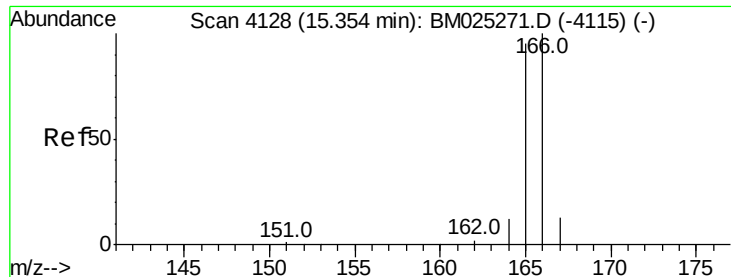
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.356 ng/ul

RT: 15.35 min Scan# 4127

Delta R.T. -0.00 min

Lab File: BM025298.D

Acq: 05 Mar 2020 21:21

Instrument :

BNA_M

ClientSampleId :

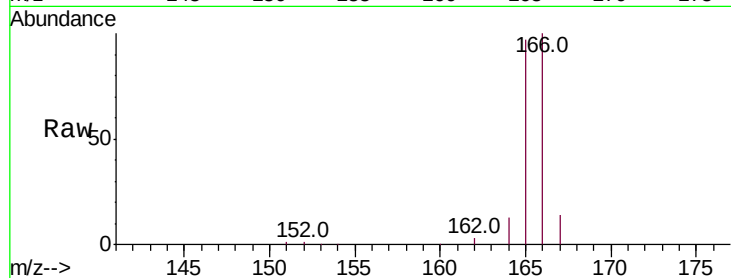
Tot Ion:166 Resp: 16336

Ion Ratio Lower Upper

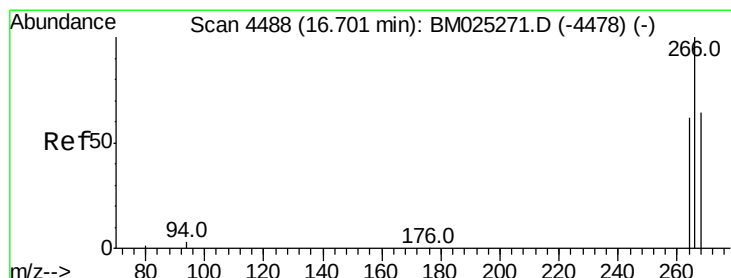
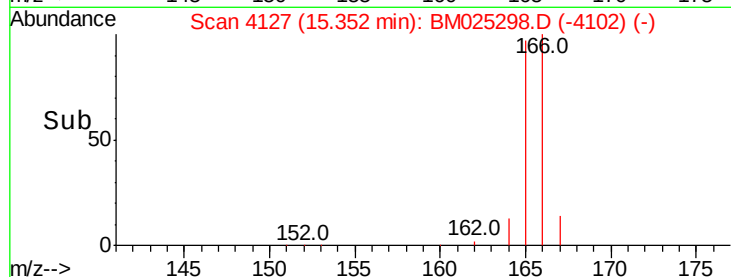
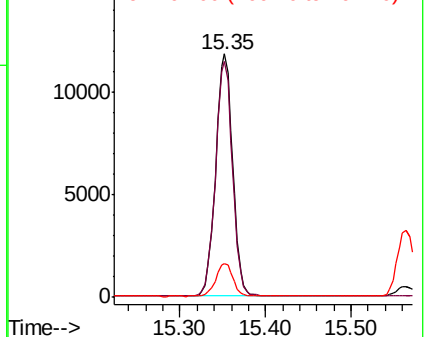
166 100

165 96.7 80.0 120.0

167 13.9 13.7 20.5



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.304 ng/ul

RT: 16.70 min Scan# 4488

Delta R.T. -0.00 min

Lab File: BM025298.D

Acq: 05 Mar 2020 21:21

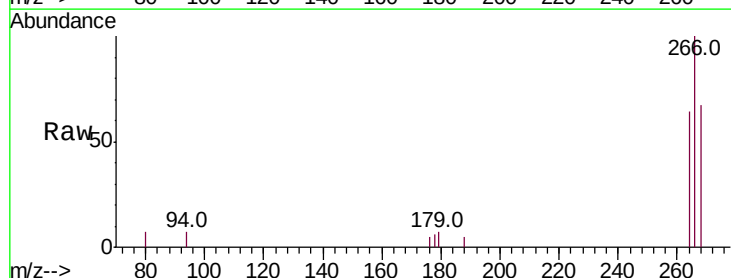
Tgt Ion:266 Resp: 1955

Ion Ratio Lower Upper

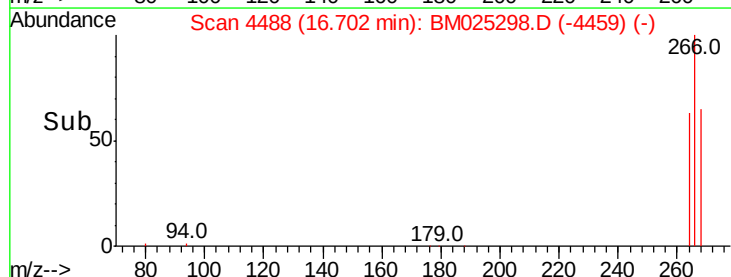
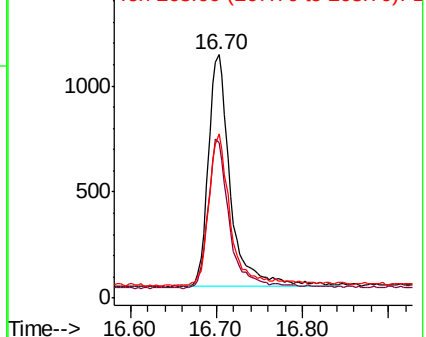
266 100

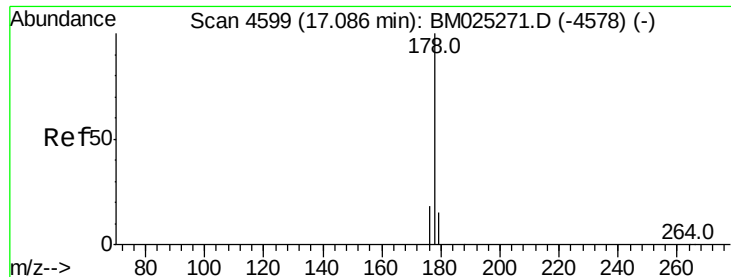
264 63.7 49.8 74.6

268 66.9 49.0 73.4



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.358 ng/ul

RT: 17.08 min Scan# 4598

Delta R.T. -0.00 min

Lab File: BM025298.D

Acq: 05 Mar 2020 21:21

Instrument :

BNA_M

ClientSampleId :

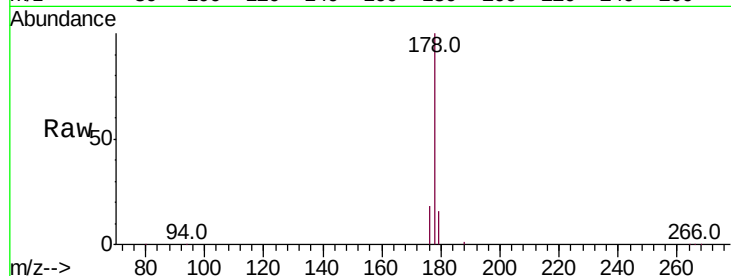
Tot Ion:178 Resp: 28344

Ion Ratio Lower Upper

178 100

179 15.8 14.0 21.0

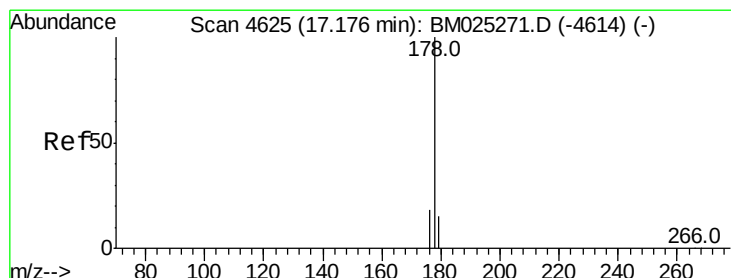
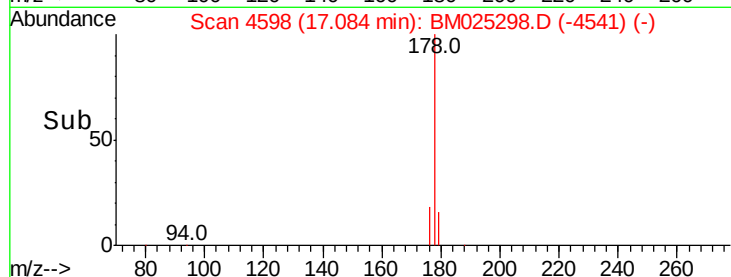
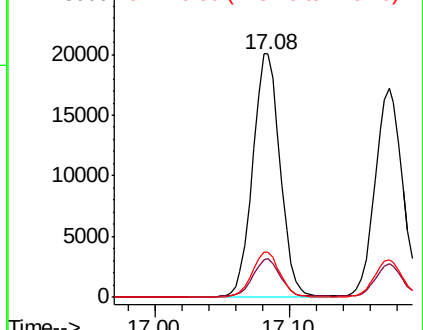
176 18.3 16.6 24.8



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



#13

Anthracene

Concen: 0.355 ng/ul

RT: 17.17 min Scan# 4624

Delta R.T. -0.00 min

Lab File: BM025298.D

Acq: 05 Mar 2020 21:21

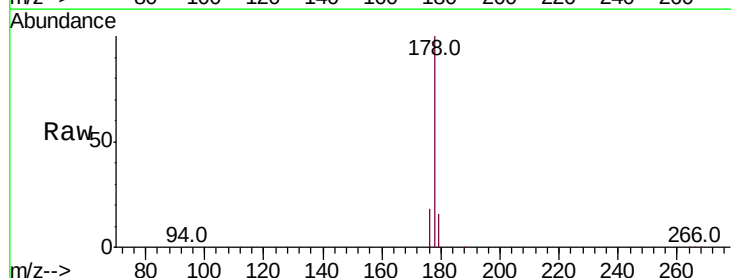
Tgt Ion:178 Resp: 24956

Ion Ratio Lower Upper

178 100

179 16.0 14.1 21.1

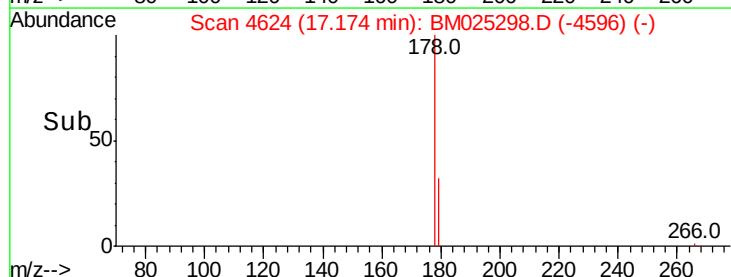
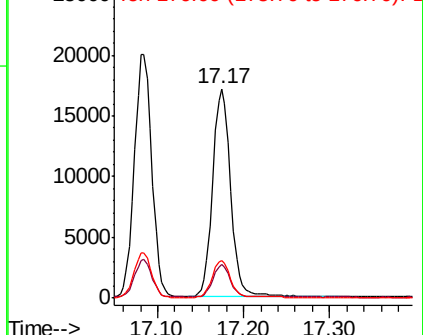
176 17.8 16.2 24.4

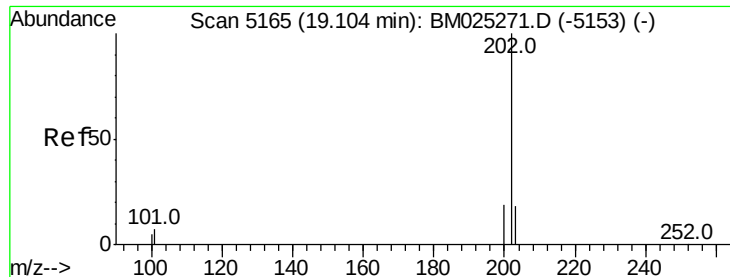


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.343 ng/ul

RT: 19.10 min Scan# 5164

Delta R.T. -0.00 min

Lab File: BM025298.D

Acq: 05 Mar 2020 21:21

Instrument :

BNA_M

ClientSampleId :

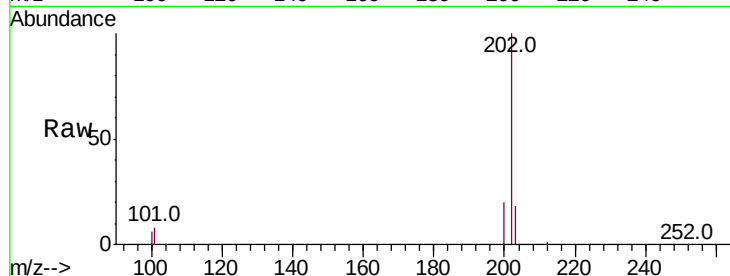
Tot Ion:202 Resp: 34043

Ion Ratio Lower Upper

202 100

101 7.6 0.0 29.4

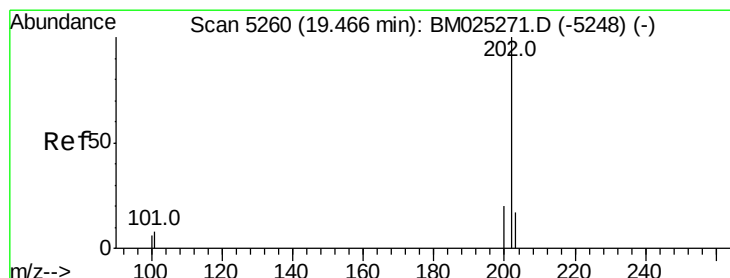
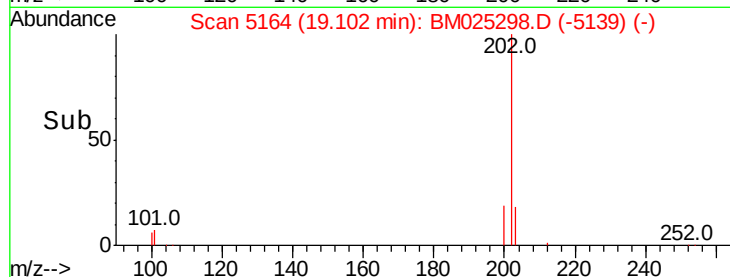
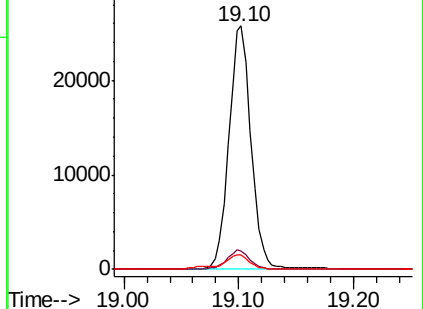
100 5.8 0.0 28.0



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

Pyrene

Concen: 0.394 ng/ul

RT: 19.46 min Scan# 5259

Delta R.T. -0.00 min

Lab File: BM025298.D

Acq: 05 Mar 2020 21:21

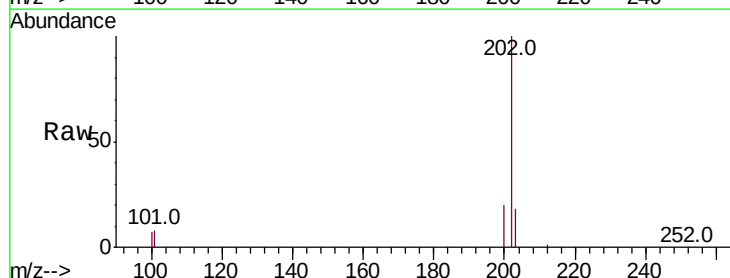
Tgt Ion:202 Resp: 33273

Ion Ratio Lower Upper

202 100

101 8.5 8.7 13.1#

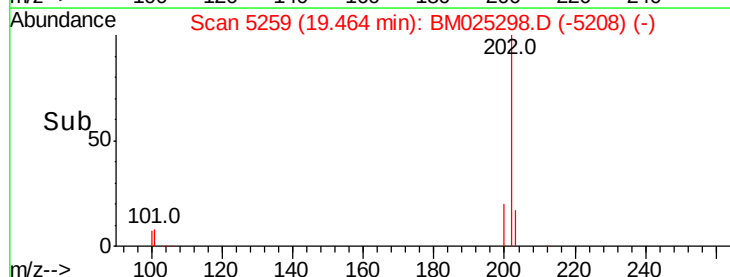
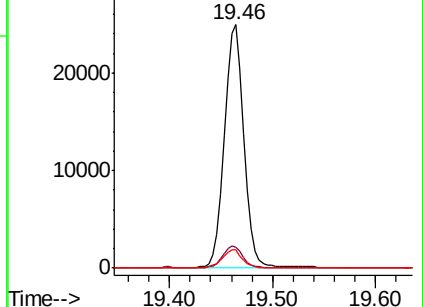
100 7.4 7.3 10.9

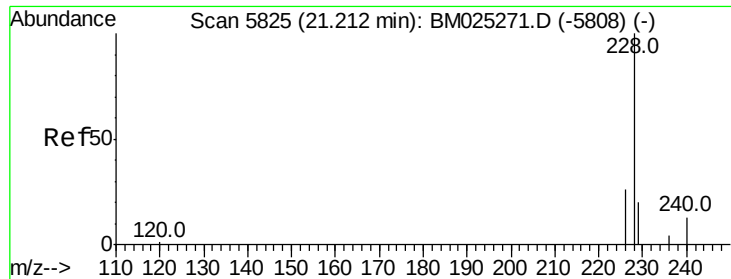


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

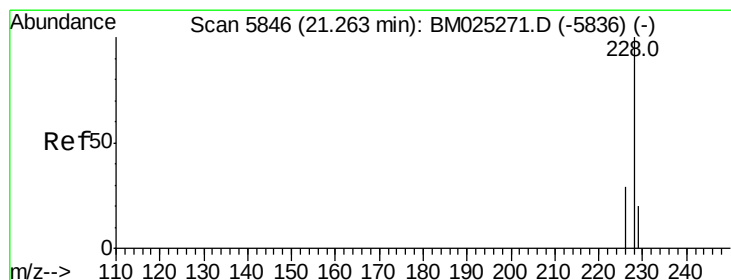
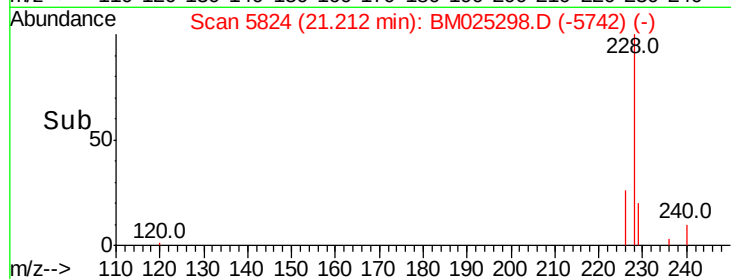
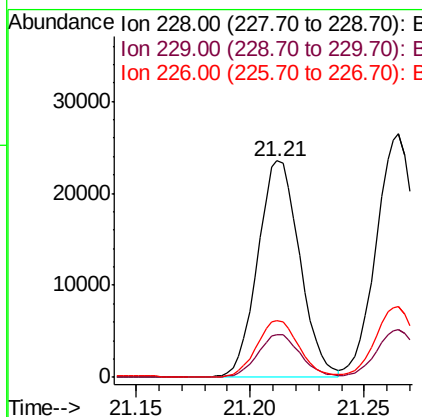
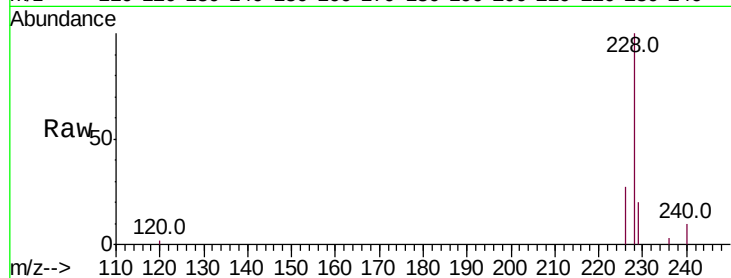




#18
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.21 min Scan# 5824
Delta R.T. -0.00 min
Lab File: BM025298.D
Acq: 05 Mar 2020 21:21

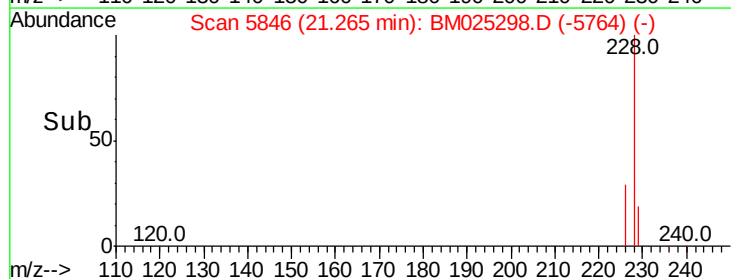
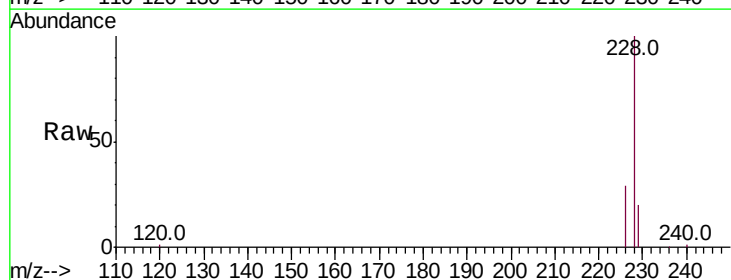
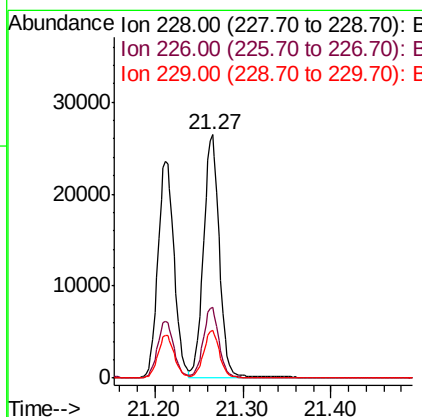
Instrument :
BNA_M
ClientSampleId :

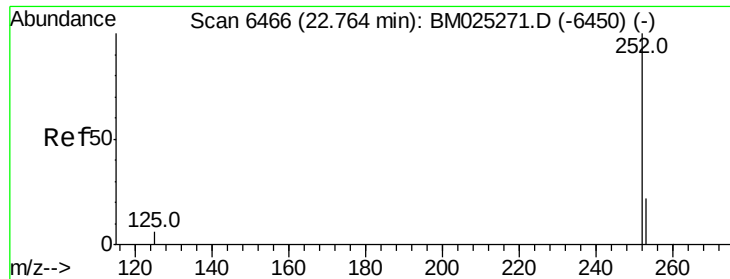
Tot Ion:228 Resp: 29870
Ion Ratio Lower Upper
228 100
229 20.0 16.6 25.0
226 26.5 21.9 32.9



#19
Chrysene
Concen: 0.363 ng/ul
RT: 21.27 min Scan# 5846
Delta R.T. -0.00 min
Lab File: BM025298.D
Acq: 05 Mar 2020 21:21

Tgt Ion:228 Resp: 32650
Ion Ratio Lower Upper
228 100
226 28.8 23.8 35.8
229 19.6 16.9 25.3





#21

Benzo(b)fluoranthene

Concen: 0.375 ng/ul

RT: 22.77 min Scan# 6466

Delta R.T. -0.00 min

Lab File: BM025298.D

Acq: 05 Mar 2020 21:21

Instrument :

BNA_M

ClientSampleId :

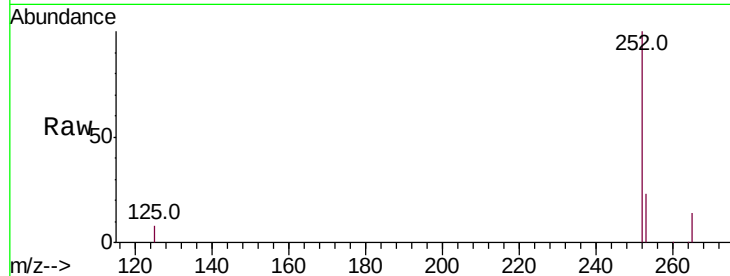
Tot Ion:252 Resp: 27296

Ion Ratio Lower Upper

252 100

253 23.4 0.0 49.8

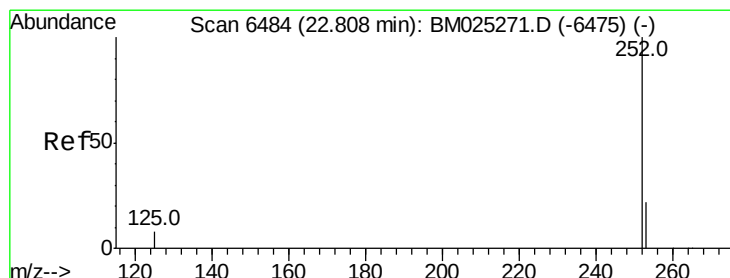
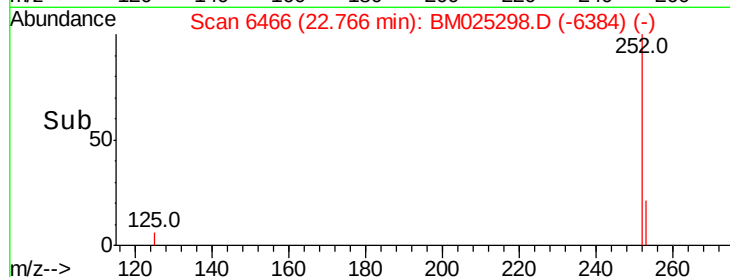
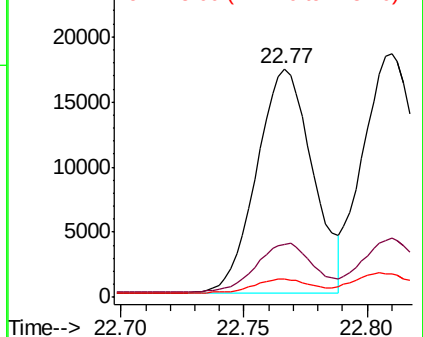
125 8.1 0.0 28.6



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



#22

Benzo(k)fluoranthene

Concen: 0.384 ng/ul

RT: 22.81 min Scan# 6484

Delta R.T. -0.00 min

Lab File: BM025298.D

Acq: 05 Mar 2020 21:21

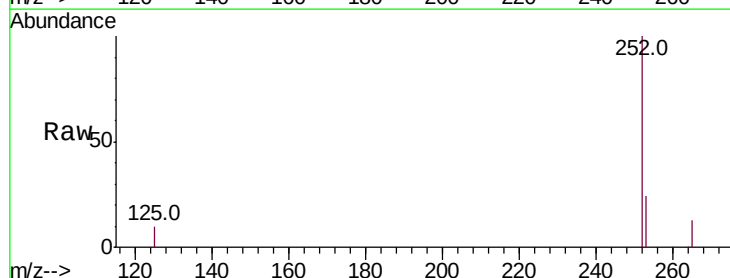
Tgt Ion:252 Resp: 29293

Ion Ratio Lower Upper

252 100

253 24.2 19.4 29.0

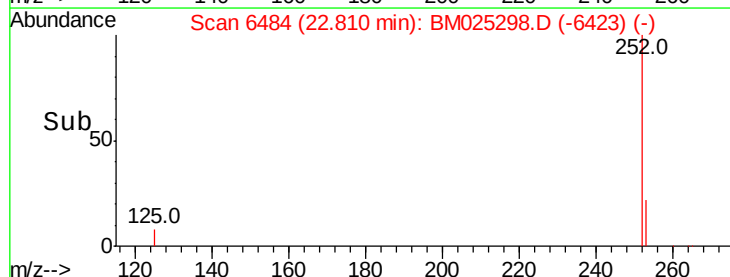
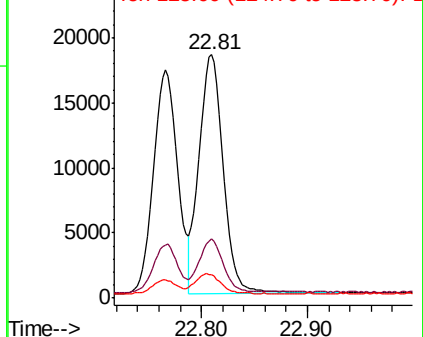
125 9.8 10.7 16.1#

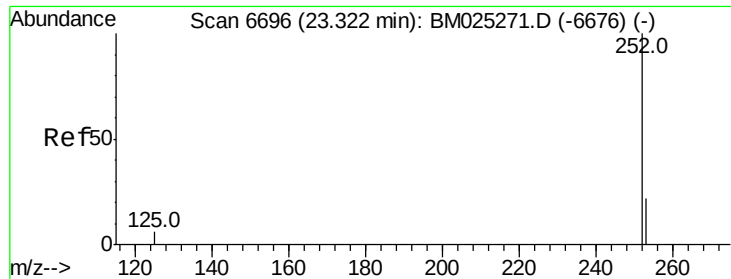


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.362 ng/ul

RT: 23.32 min Scan# 6696

Delta R.T. 0.00 min

Lab File: BM025298.D

Acq: 05 Mar 2020 21:21

Instrument :

BNA_M

ClientSampleId :

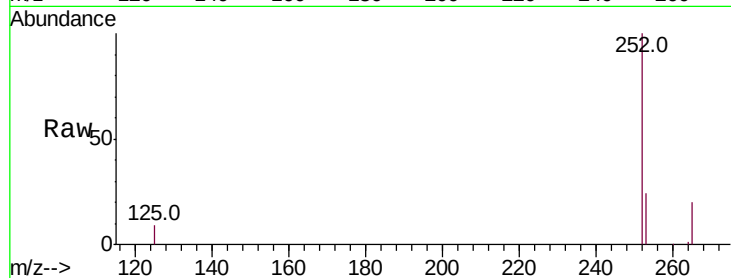
Tot Ion:252 Resp: 22152

Ion Ratio Lower Upper

252 100

253 24.4 20.3 30.5

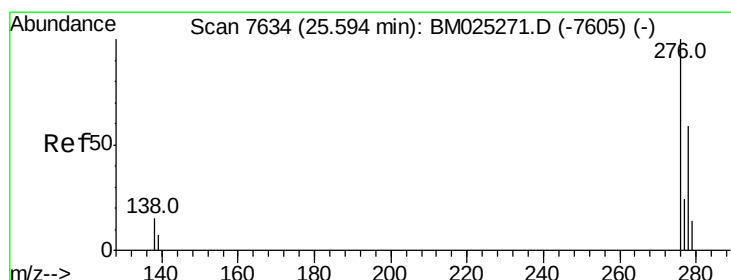
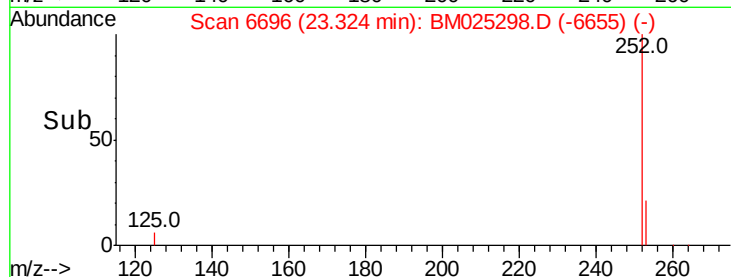
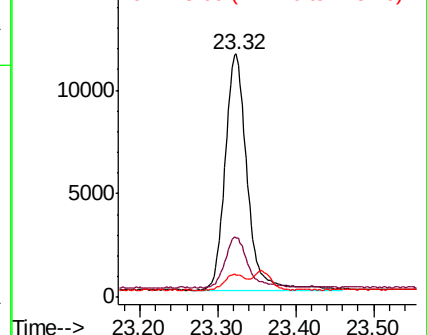
125 9.4 13.0 19.4#



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: 0.350 ng/ul

RT: 25.60 min Scan# 7635

Delta R.T. -0.00 min

Lab File: BM025298.D

Acq: 05 Mar 2020 21:21

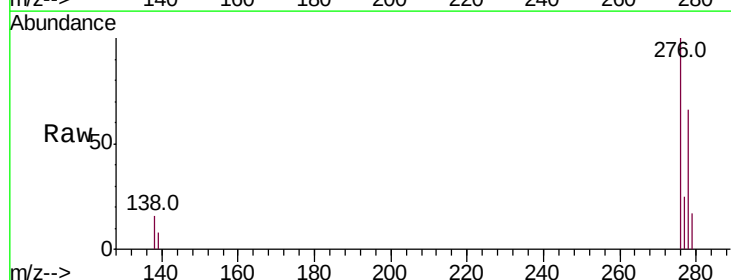
Tgt Ion:276 Resp: 26665

Ion Ratio Lower Upper

276 100

138 16.0 0.0 0.0#

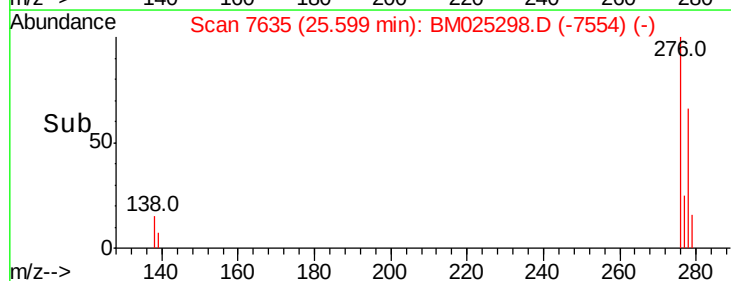
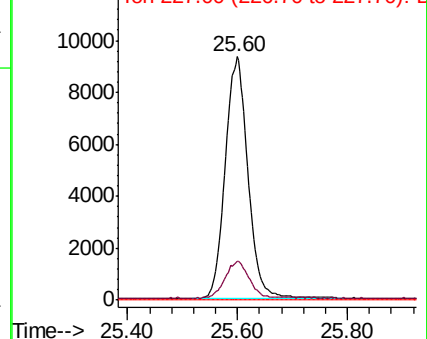
227 0.0 0.0 0.0

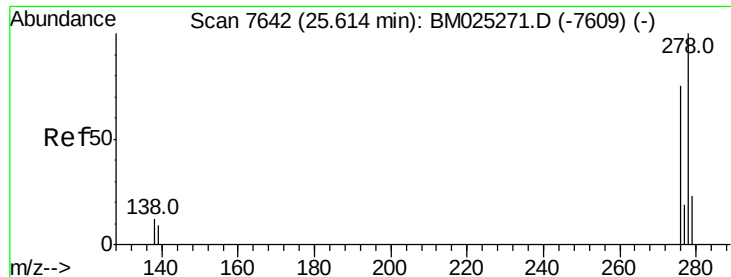


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

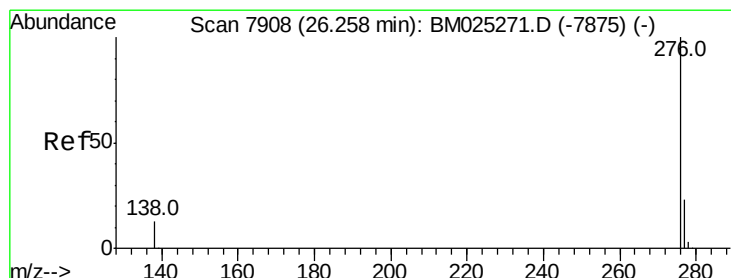
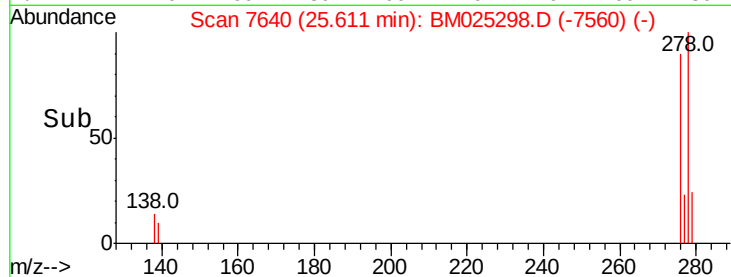
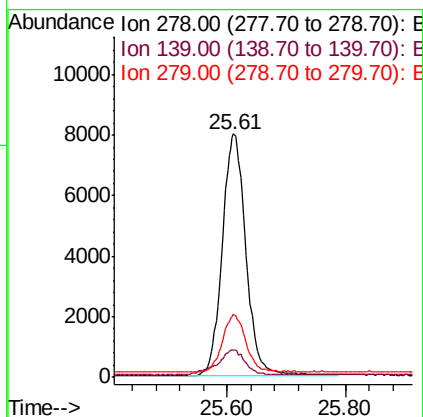
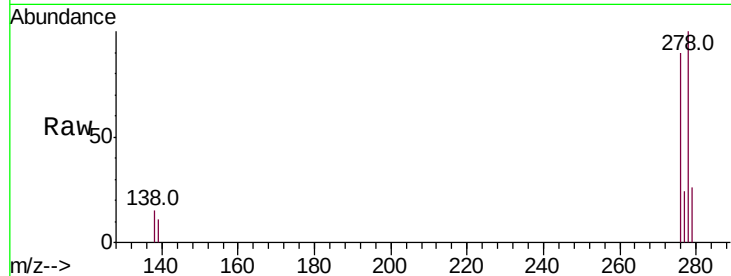




#25
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 25.61 min Scan# 7640
Delta R.T. -0.01 min
Lab File: BM025298.D
Acq: 05 Mar 2020 21:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 22078
Ion Ratio Lower Upper
278 100
139 11.2 13.2 19.8#
279 25.7 21.0 31.4



#26
Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 26.26 min Scan# 7907
Delta R.T. -0.00 min
Lab File: BM025298.D
Acq: 05 Mar 2020 21:21

Tgt Ion:276 Resp: 21584
Ion Ratio Lower Upper
276 100
138 14.7 17.9 26.9#
277 25.0 20.5 30.7

