

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
 Data File : BM027983.D
 Acq On : 26 Nov 2020 03:27
 Operator : JU/CG
 Sample : L4749-14DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B13DL

Quant Time: Nov 26 05:13:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 26 05:11:50 2020
 Response via : Initial Calibration

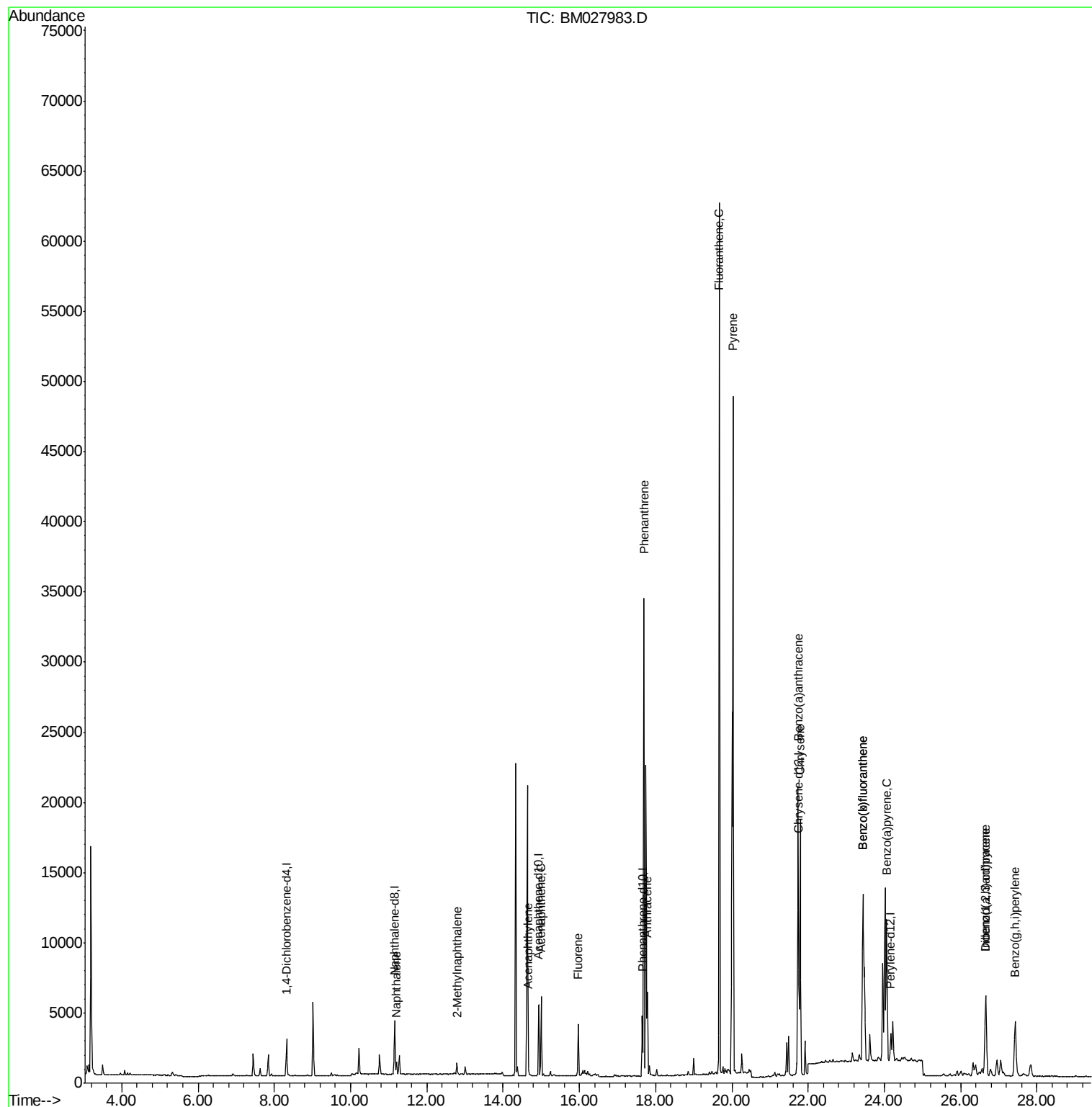
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	1252	0.40	ng/ul	0.00
2) Naphthalene-d8	11.15	136	4985	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2766	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	4906	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	2729	0.40	ng/ul	0.00
20) Perylene-d12	24.17	264	2628	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	164	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	235	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.20	128	1152	0.077	ng/ul#	89
5) 2-Methylnaphthalene	12.79	142	550	0.054	ng/ul	99
7) Acenaphthylene	14.66	152	596	0.044	ng/ul#	76
8) Acenaphthene	15.00	153	3251	0.321	ng/ul	99
9) Fluorene	15.97	166	2224	0.190	ng/ul	98
12) Phenanthrene	17.69	178	34664	2.237	ng/ul	97
13) Anthracene	17.78	178	6767	0.453	ng/ul	100
15) Fluoranthene	19.67	202	51720	3.010	ng/ul	100
17) Pyrene	20.03	202	40656	2.933	ng/ul	96
18) Benzo(a)anthracene	21.74	228	17481	1.588	ng/ul	99
19) Chrysene	21.79	228	17578	1.639	ng/ul	98
21) Benzo(b)fluoranthene	23.43	252	29599	2.680	ng/ul	92
22) Benzo(k)fluoranthene	23.43	252	29599	2.737	ng/ul	92
23) Benzo(a)pyrene	24.06	252	14822	1.535	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.66	276	10075	0.964	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.66	278	2409	0.277	ng/ul#	91
26) Benzo(a,h,i)perylene	27.43	276	8704	0.992	ng/ul	97

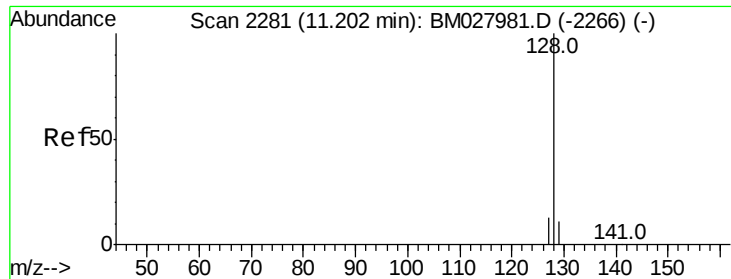
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027983.D
Acq On : 26 Nov 2020 03:27
Operator : JU/CG
Sample : L4749-14DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B13DL

Quant Time: Nov 26 05:13:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 26 05:11:50 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.077 ng/ul

RT: 11.20 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

Instrument :

BNA_M

ClientSampleId :

C0B13DL

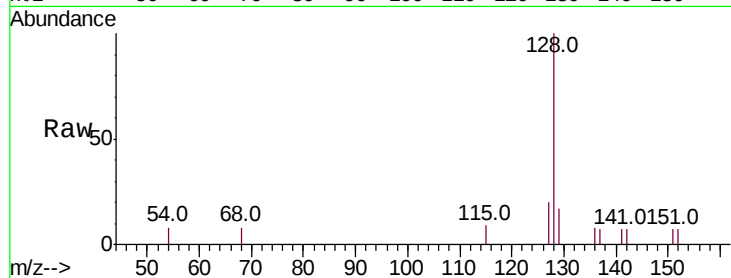
Tot Ion:128 Resp: 1152

Ion Ratio Lower Upper

128 100

129 17.4 10.4 15.6#

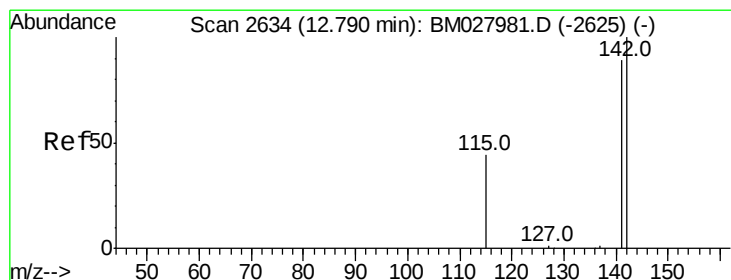
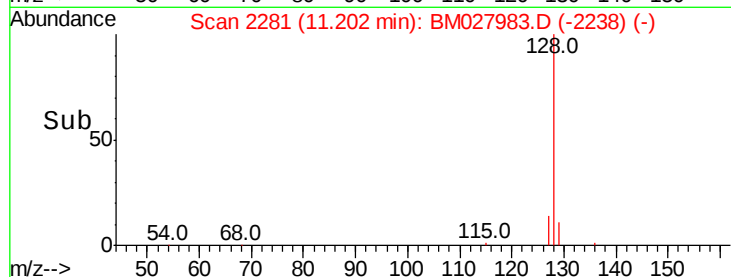
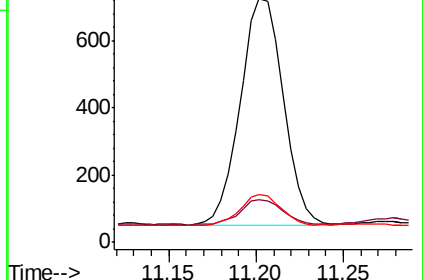
127 19.8 12.0 18.0#



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: 0.054 ng/ul

RT: 12.79 min Scan# 2634

Delta R.T. -0.00 min

Lab File: BM027983.D

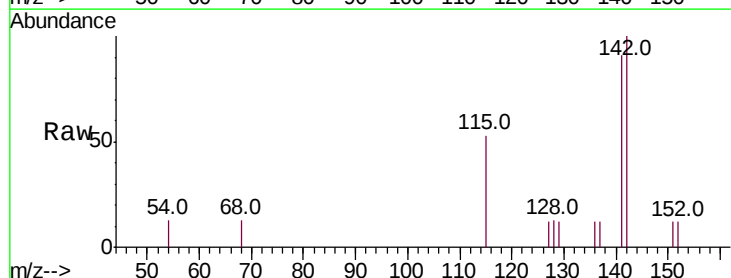
Acq: 26 Nov 2020 03:27

Tgt Ion:142 Resp: 550

Ion Ratio Lower Upper

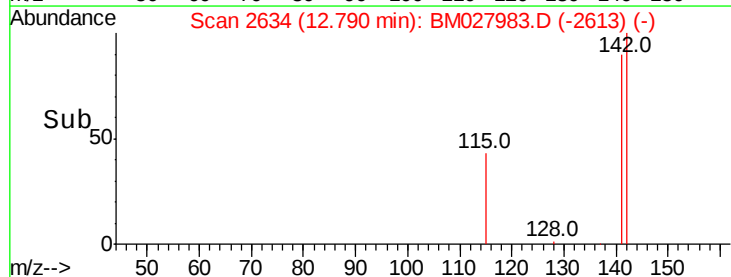
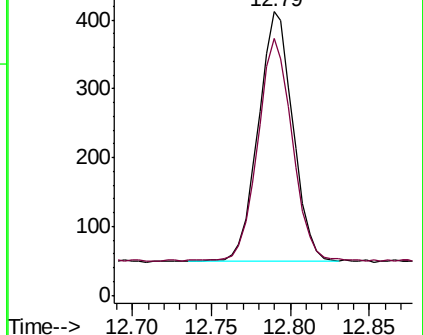
142 100

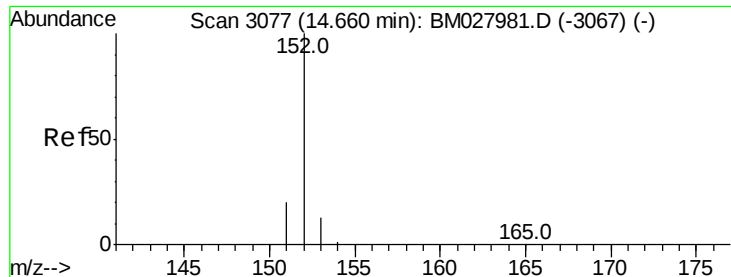
141 88.2 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.044 ng/ul

RT: 14.66 min Scan# 3077

Delta R.T. -0.00 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

Instrument :

BNA_M

ClientSampled :

C0B13DL

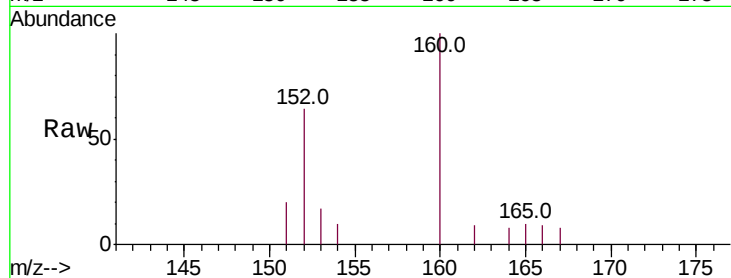
Tot Ion:152 Resp: 596

Ion Ratio Lower Upper

152 100

151 32.0 17.1 25.7#

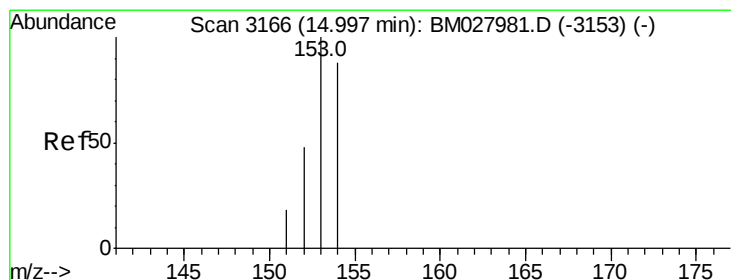
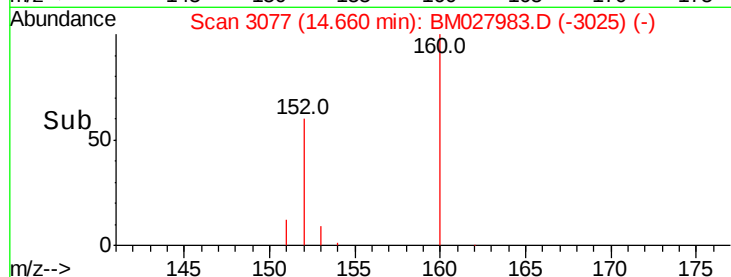
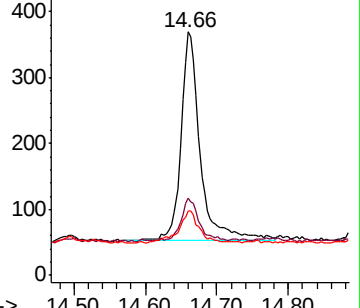
153 26.3 12.0 18.0#



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: 0.321 ng/ul

RT: 15.00 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

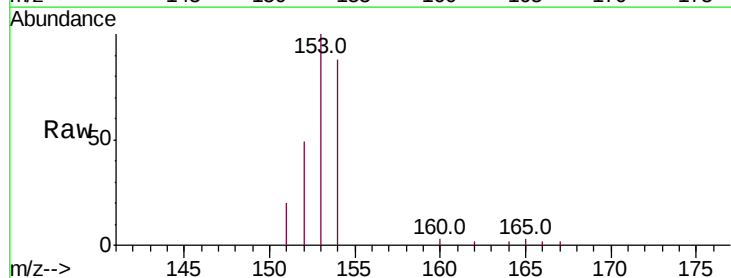
Tgt Ion:153 Resp: 3251

Ion Ratio Lower Upper

153 100

152 48.8 39.0 58.6

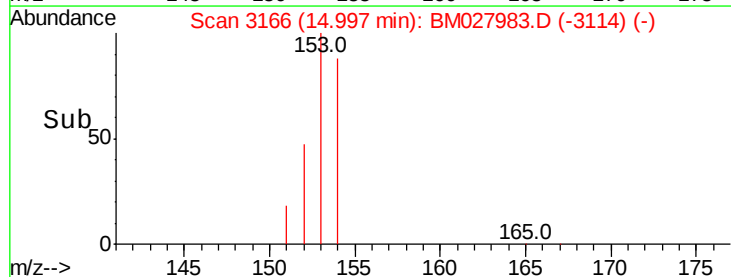
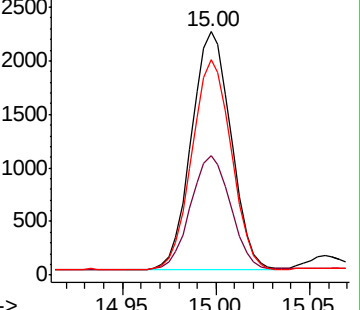
154 88.3 71.6 107.4

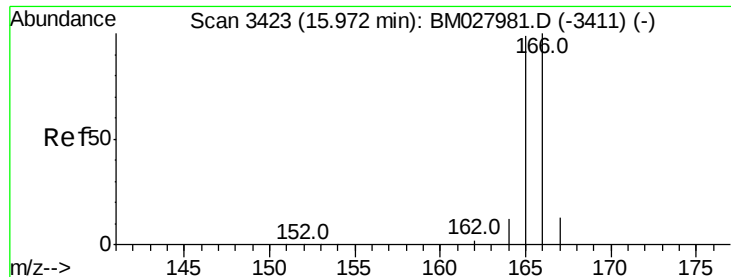


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.190 ng/ul

RT: 15.97 min Scan# 3423

Delta R.T. 0.00 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

Instrument :

BNA_M

ClientSampleId :

C0B13DL

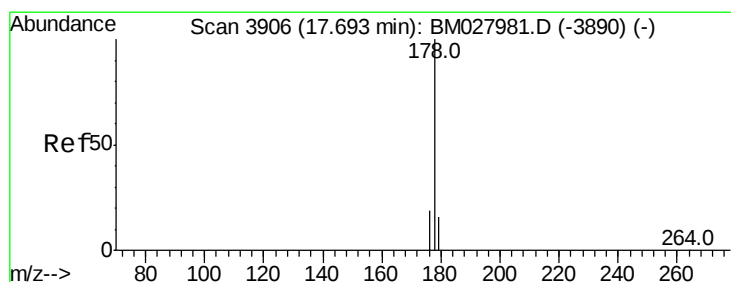
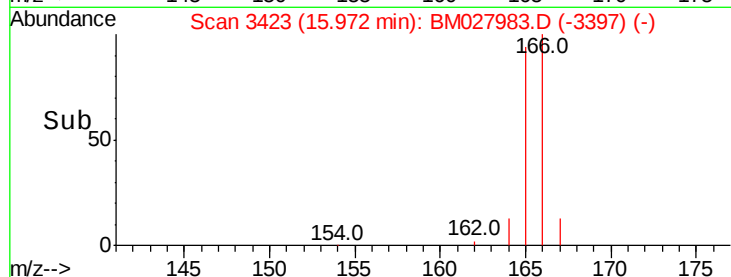
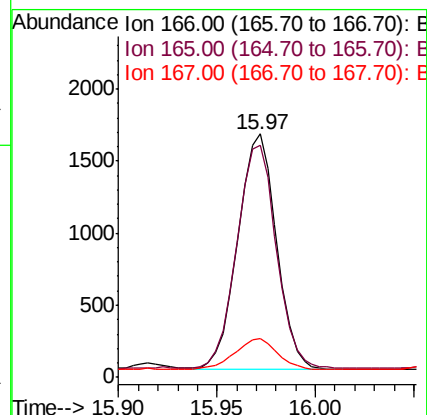
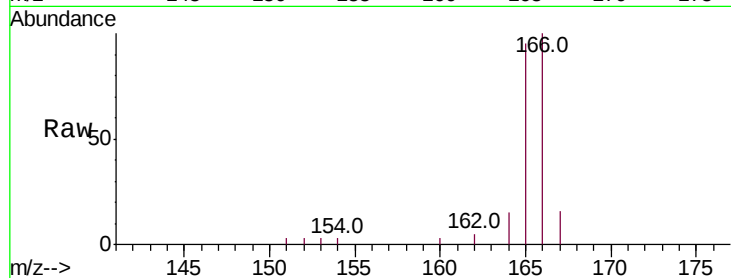
Tot Ion:166 Resp: 2224

Ion Ratio Lower Upper

166 100

165 95.3 78.1 117.1

167 16.1 11.8 17.8



#12

Phenanthrene

Concen: 2.237 ng/ul

RT: 17.69 min Scan# 3906

Delta R.T. -0.00 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

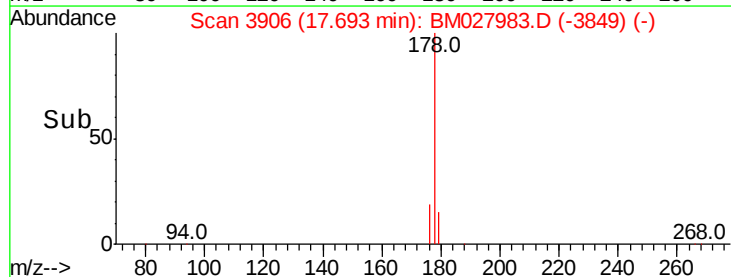
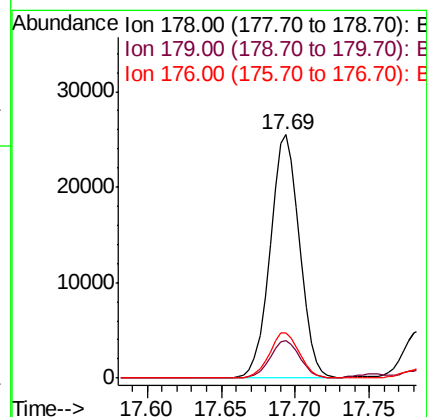
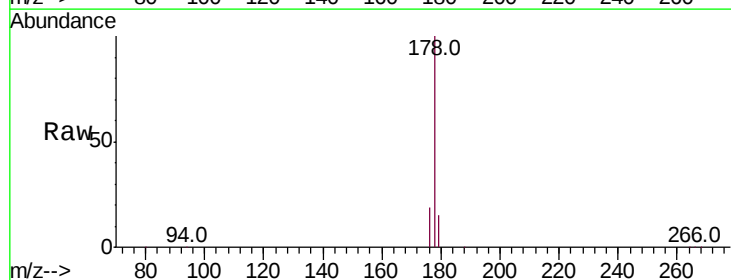
Tgt Ion:178 Resp: 34664

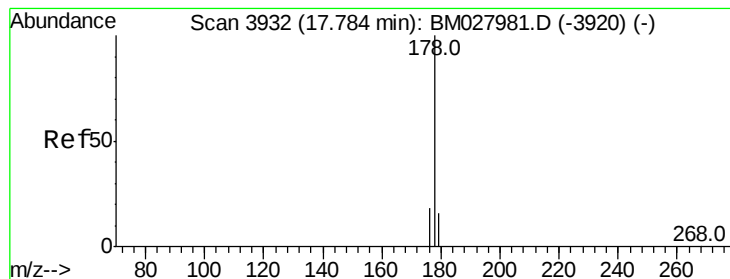
Ion Ratio Lower Upper

178 100

179 15.5 13.6 20.4

176 18.8 16.1 24.1





#13

Anthracene

Concen: 0.453 ng/ul

RT: 17.78 min Scan# 3932

Delta R.T. -0.00 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

Instrument :

BNA_M

ClientSampleId :

C0B13DL

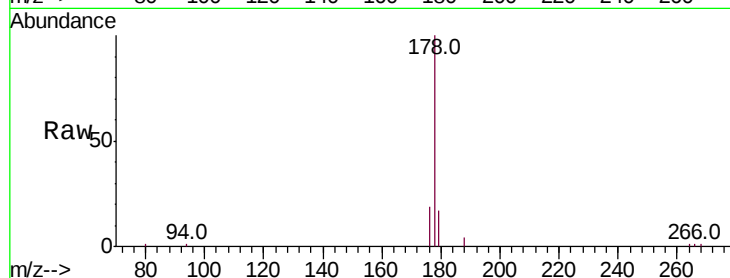
Tot Ion:178 Resp: 6767

Ion Ratio Lower Upper

178 100

179 16.7 13.4 20.2

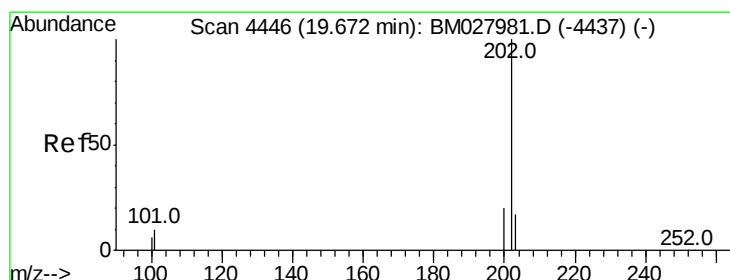
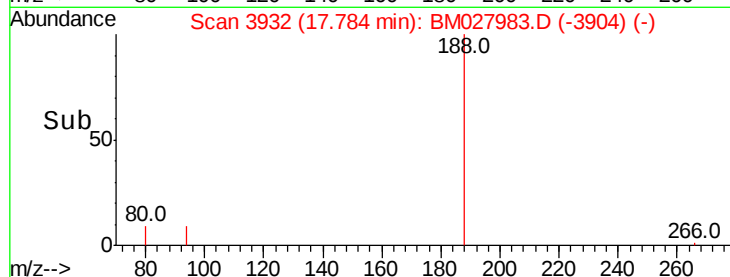
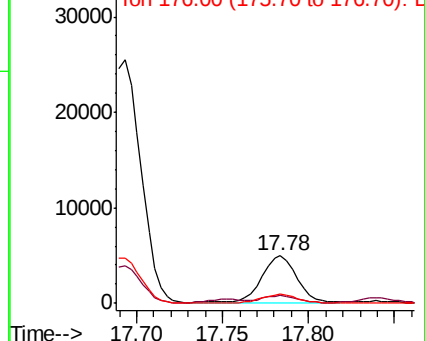
176 18.8 15.0 22.6



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: 3.010 ng/ul

RT: 19.67 min Scan# 4446

Delta R.T. 0.00 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

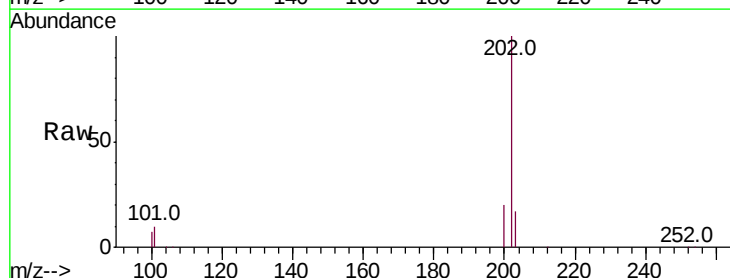
Tgt Ion:202 Resp: 51720

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.3

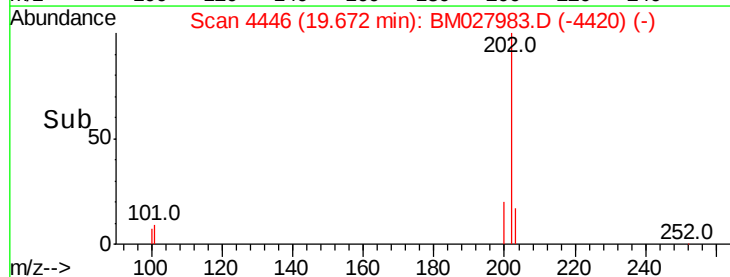
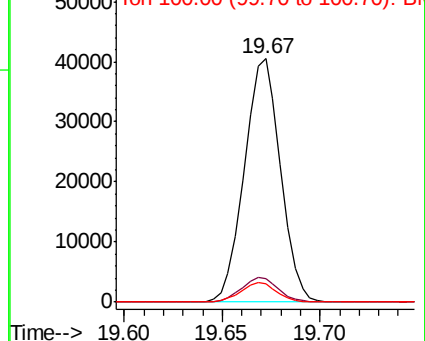
100 7.4 0.0 27.4

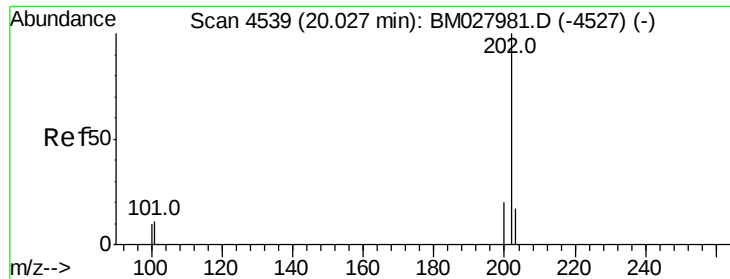


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 2.933 ng/ul

RT: 20.03 min Scan# 4539

Delta R.T. -0.00 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

Instrument :

BNA_M

ClientSampleId :

C0B13DL

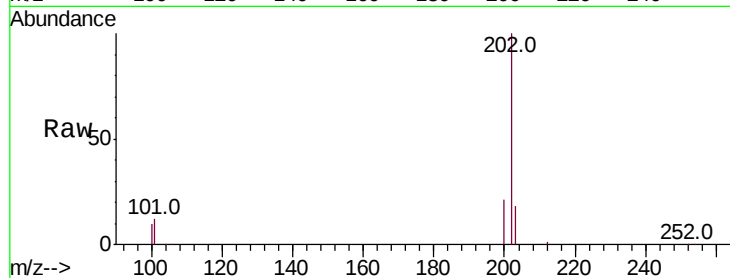
Tot Ion:202 Resp: 40656

Ion Ratio Lower Upper

202 100

101 11.8 8.2 12.2

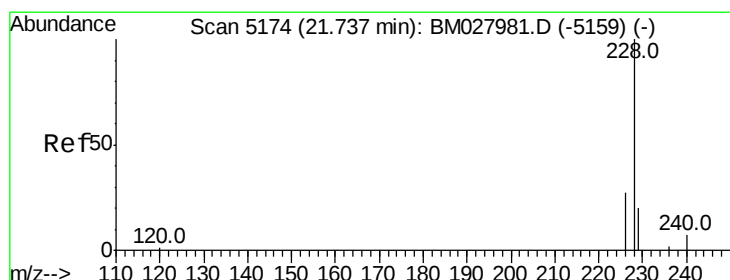
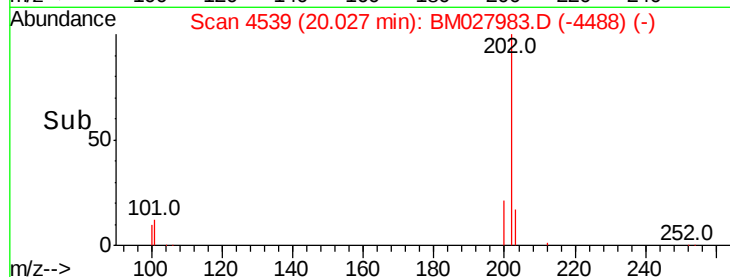
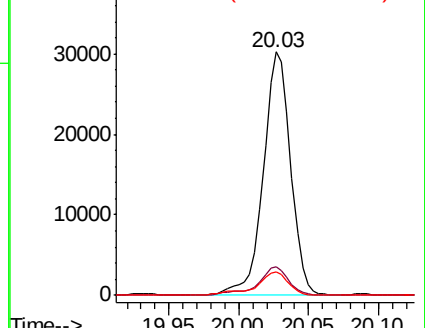
100 9.8 6.9 10.3



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



#18

Benzo(a)anthracene

Concen: 1.588 ng/ul

RT: 21.74 min Scan# 5174

Delta R.T. -0.00 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

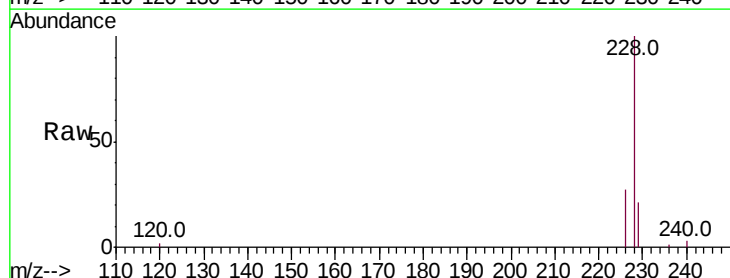
Tgt Ion:228 Resp: 17481

Ion Ratio Lower Upper

228 100

229 20.8 16.2 24.4

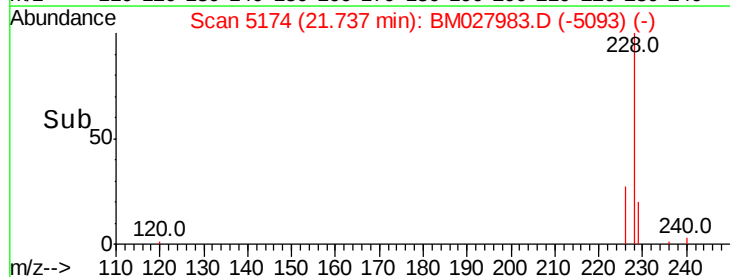
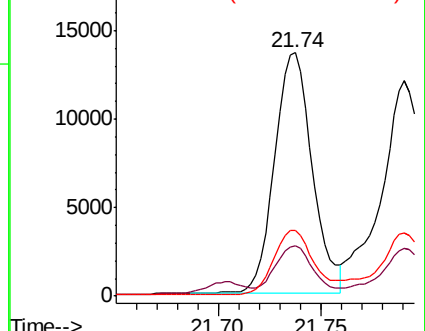
226 27.2 21.5 32.3

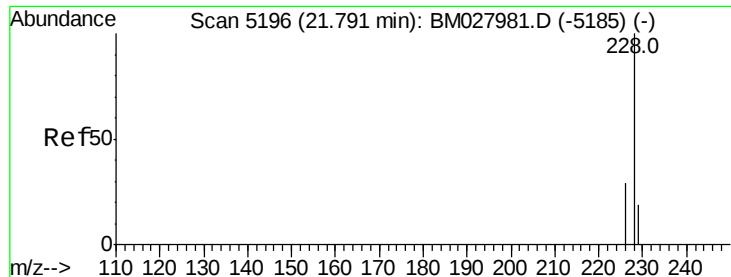


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.639 ng/ul

RT: 21.79 min Scan# 5196

Delta R.T. -0.01 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

Instrument :

BNA_M

ClientSampleId :

C0B13DL

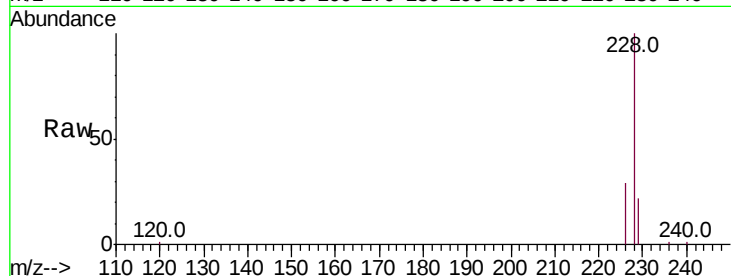
Tot Ion:228 Resp: 17578

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

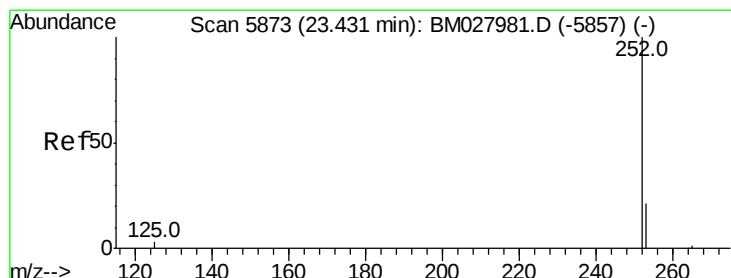
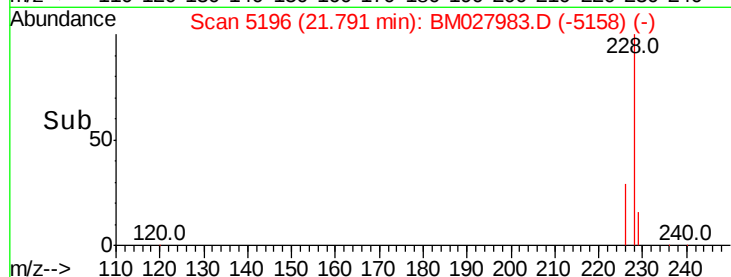
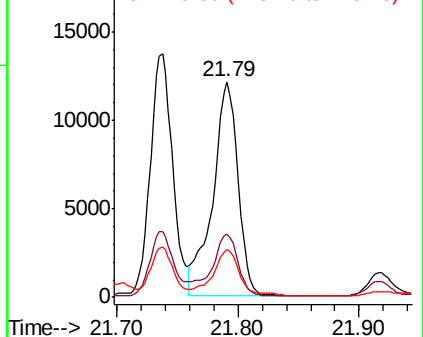
229 22.0 16.6 24.8



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



#21

Benzo(b)fluoranthene

Concen: 2.680 ng/ul

RT: 23.43 min Scan# 5874

Delta R.T. -0.00 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

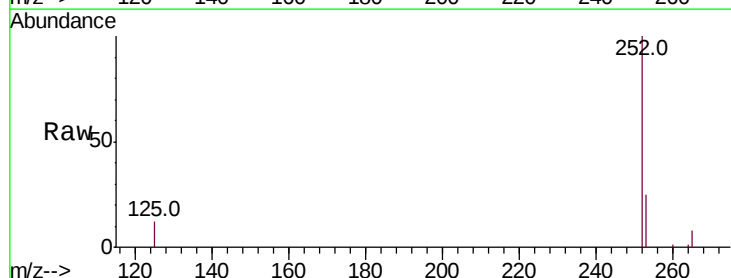
Tgt Ion:252 Resp: 29599

Ion Ratio Lower Upper

252 100

253 24.7 0.0 59.6

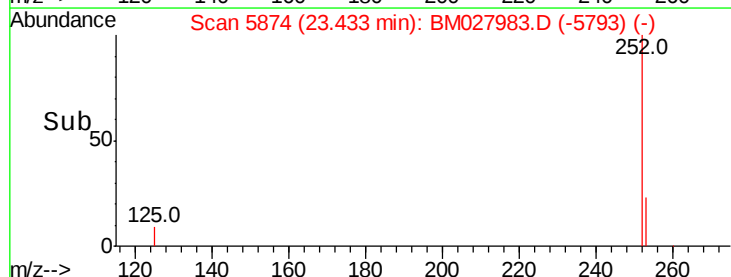
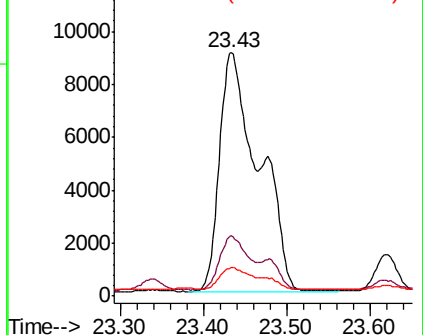
125 11.8 0.0 28.4

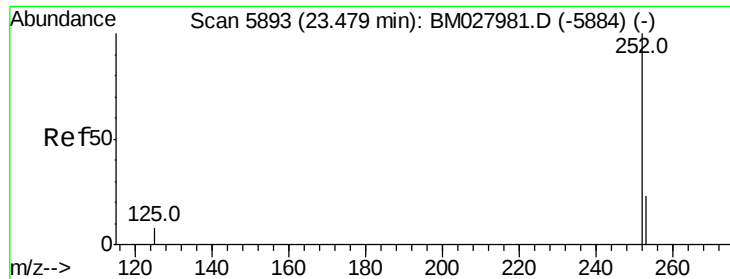


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.737 ng/ul

RT: 23.43 min Scan# 5874

Delta R.T. -0.06 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

Instrument :

BNA_M

ClientSampleId :

C0B13DL

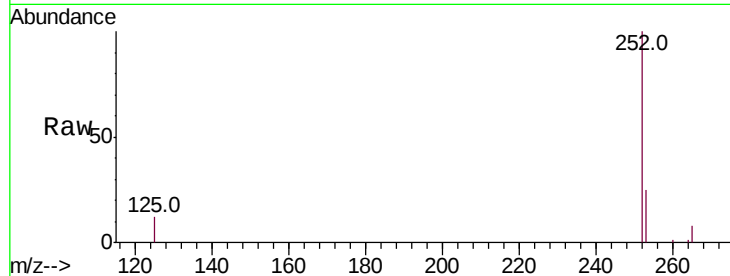
Tot Ion:252 Resp: 29599

Ion Ratio Lower Upper

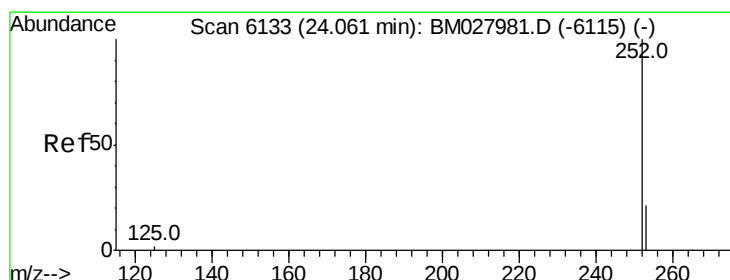
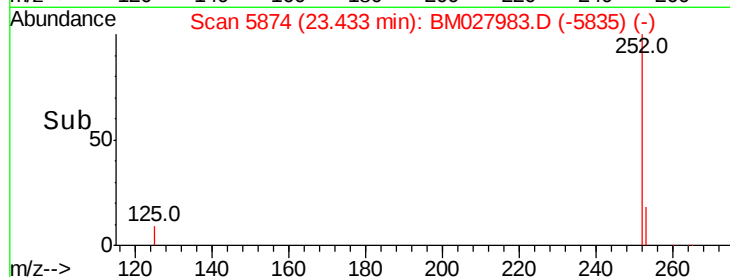
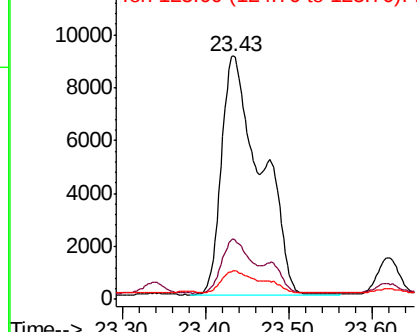
252 100

253 24.7 23.2 34.8

125 11.8 11.8 17.6



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



#23

Benzo(a)pyrene

Concen: 1.535 ng/ul

RT: 24.06 min Scan# 6133

Delta R.T. -0.01 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

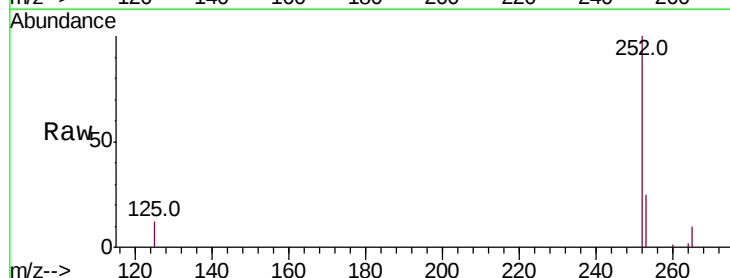
Tgt Ion:252 Resp: 14822

Ion Ratio Lower Upper

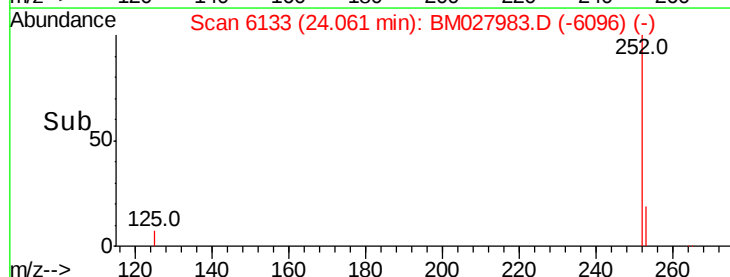
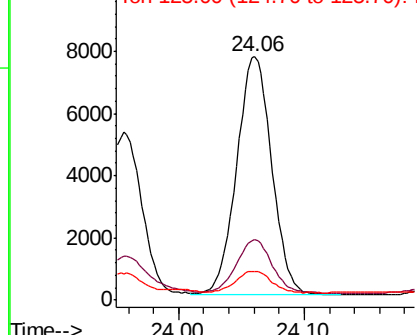
252 100

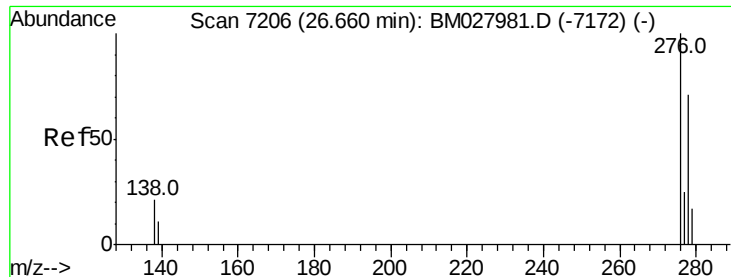
253 24.8 25.2 37.8#

125 11.8 13.8 20.6#



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



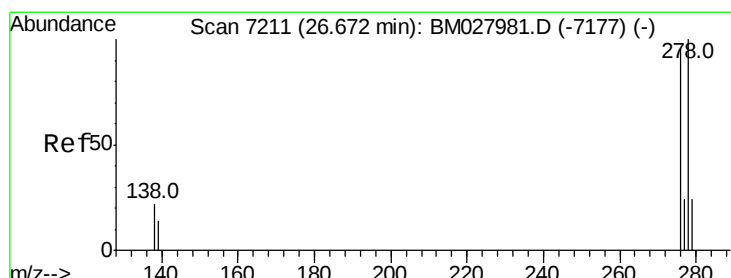
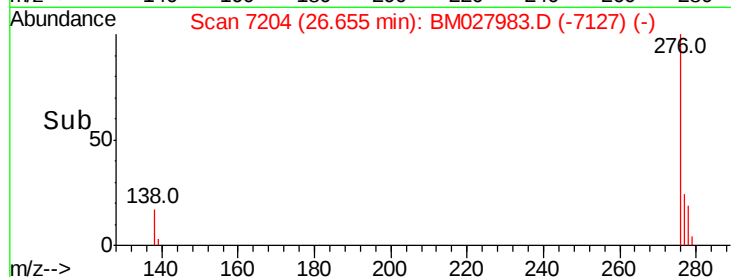
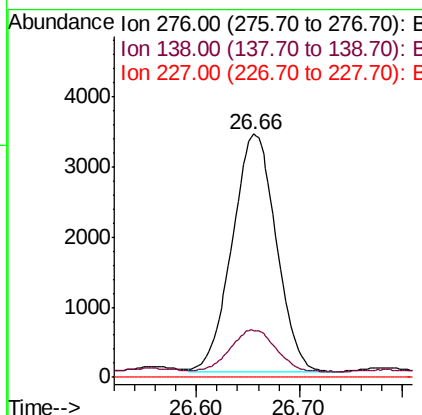
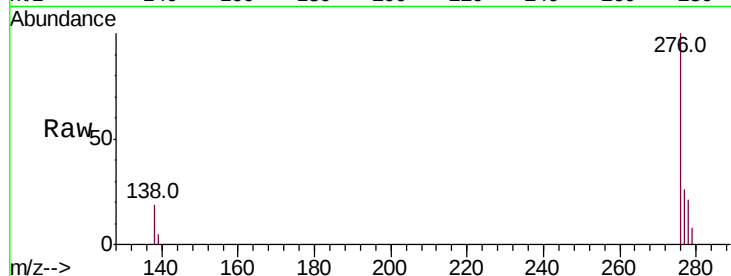


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.964 ng/u1
RT: 26.66 min Scan# 7204
Delta R.T. -0.01 min
Lab File: BM027983.D
Acq: 26 Nov 2020 03:27

Instrument :
BNA_M
ClientSampleId :
C0B13DL

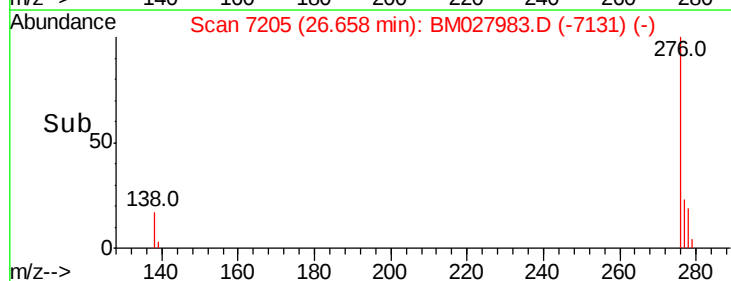
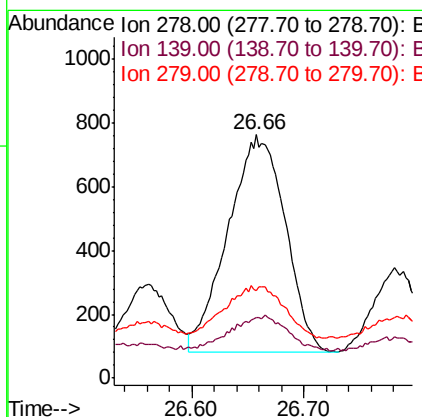
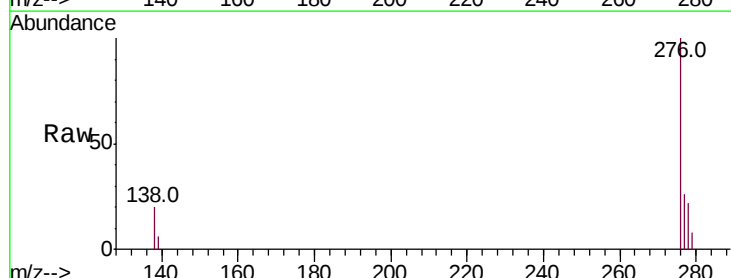
Tot Ion:276 Resp: 10075
Ion Ratio Lower Upper
276 100
138 18.3 15.7 23.5
227 0.0 0.0 0.0

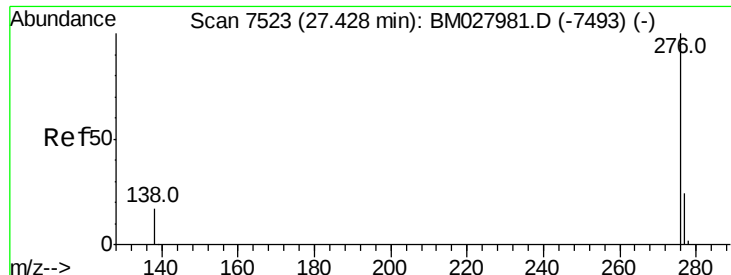


#25

Dibenzo(a,h)anthracene
Concen: 0.277 ng/u1
RT: 26.66 min Scan# 7205
Delta R.T. -0.02 min
Lab File: BM027983.D
Acq: 26 Nov 2020 03:27

Tgt Ion:278 Resp: 2409
Ion Ratio Lower Upper
278 100
139 24.9 14.8 22.2#
279 35.9 25.8 38.6





#26

Benzo(a,h,i)perylene

Concen: 0.992 ng/ul

RT: 27.43 min Scan# 7523

Delta R.T. -0.01 min

Lab File: BM027983.D

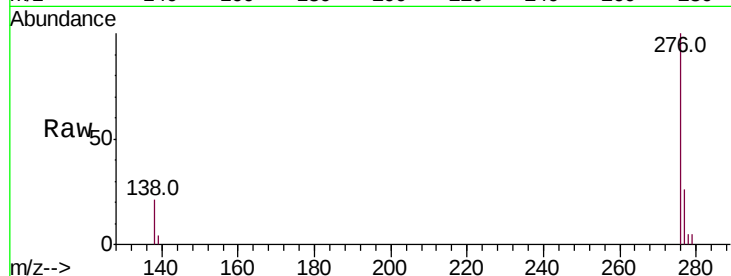
Acq: 26 Nov 2020 03:27

Instrument :

BNA_M

ClientSampleId :

C0B13DL



Tot Ion: 276 Resp: 8704

Ion Ratio Lower Upper

276 100

138 20.9 17.4 26.2

277 25.8 22.5 33.7

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

