

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
 Data File : BM027984.D
 Acq On : 26 Nov 2020 04:04
 Operator : JU/CG
 Sample : 4749-20DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B22DL

Quant Time: Nov 26 05:13:06 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

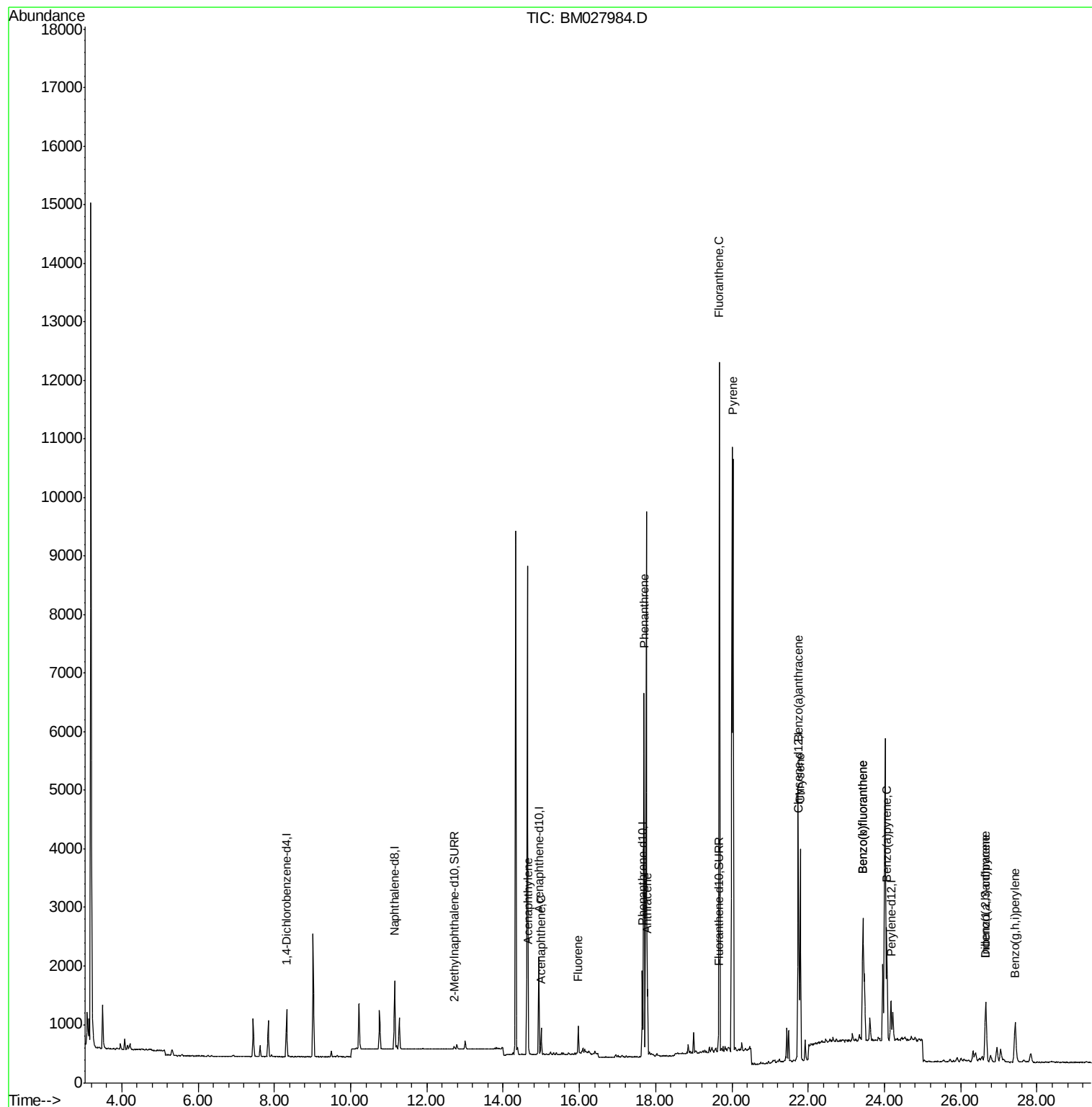
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	388	0.40	ng/ul	0.00
2) Naphthalene-d8	11.15	136	1547	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	914	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	1731	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	993	0.40	ng/ul	0.00
20) Perylene-d12	24.17	264	915	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	69	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	108	0.02	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.66	152	139	0.031	ng/ul#	30
8) Acenaphthene	15.00	153	259	0.078	ng/ul	95
9) Fluorene	15.97	166	318	0.082	ng/ul#	91
12) Phenanthrene	17.69	178	6426	1.175	ng/ul	98
13) Anthracene	17.78	178	1310	0.248	ng/ul	94
15) Fluoranthene	19.67	202	10158	1.675	ng/ul	95
17) Pyrene	20.03	202	8648	1.715	ng/ul	96
18) Benzo(a)anthracene	21.74	228	3810	0.951	ng/ul	98
19) Chrysene	21.79	228	3571	0.915	ng/ul	97
21) Benzo(b)fluoranthene	23.43	252	5285	1.374	ng/ul	95
22) Benzo(k)fluoranthene	23.43	252	5285	1.403	ng/ul	96
23) Benzo(a)pyrene	24.06	252	2848	0.847	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	26.66	276	1821	0.500	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.67	278	480	0.158	ng/ul#	57
26) Benzo(g,h,i)perylene	27.43	276	1552	0.508	ng/ul	97

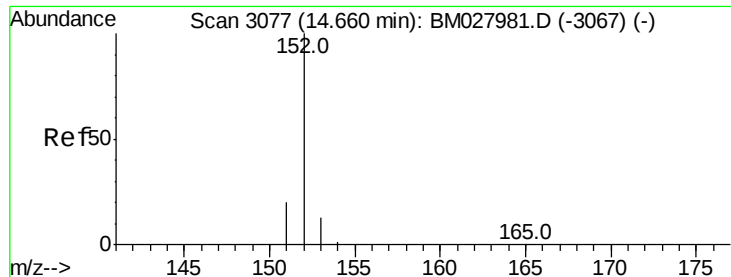
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
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Quant Time: Nov 26 05:13:06 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





#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 14.66 min Scan# 3077

Delta R.T. -0.00 min

Lab File: BM027984.D

Acq: 26 Nov 2020 04:04

Instrument :

BNA_M

ClientSampleId :

C0B22DL

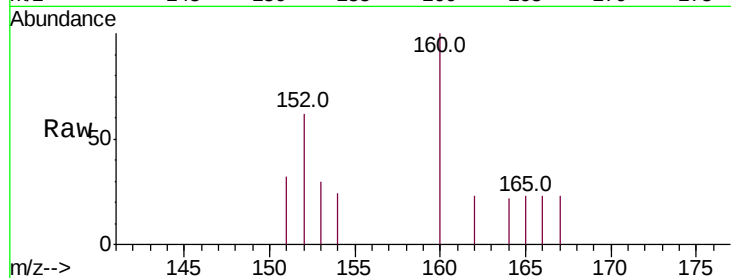
Tot Ion:152 Resp: 139

Ion Ratio Lower Upper

152 100

151 51.2 17.1 25.7#

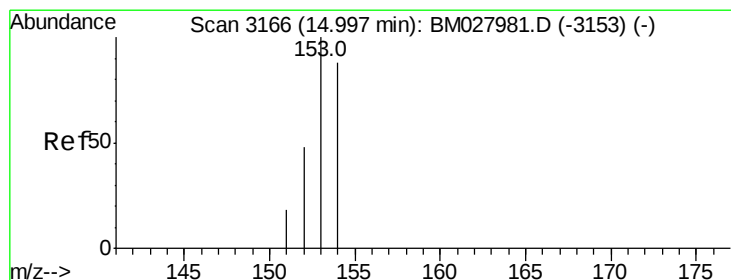
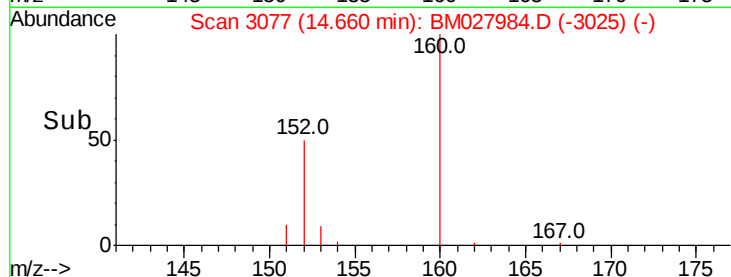
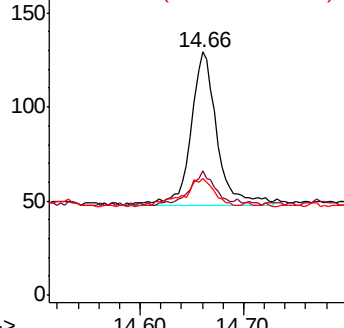
153 48.1 12.0 18.0#



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: 0.078 ng/ul

RT: 15.00 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BM027984.D

Acq: 26 Nov 2020 04:04

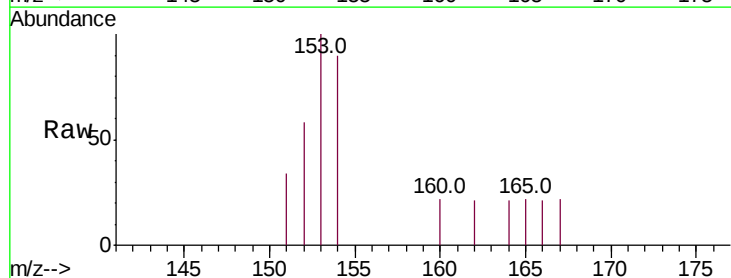
Tgt Ion:153 Resp: 259

Ion Ratio Lower Upper

153 100

152 58.1 39.0 58.6

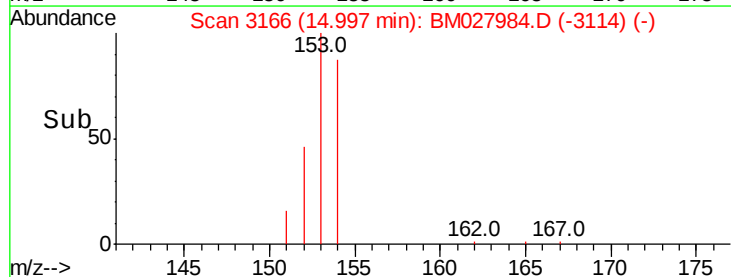
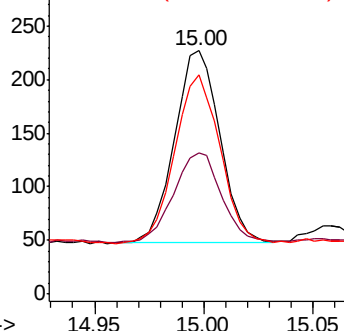
154 89.9 71.6 107.4

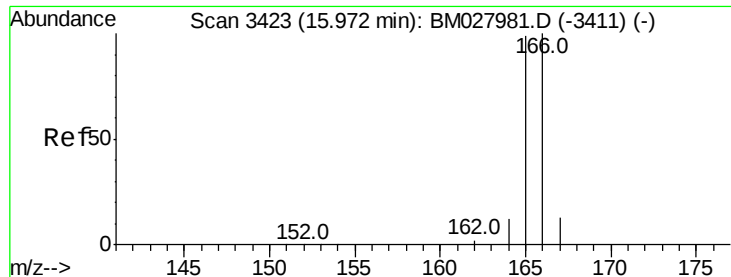


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

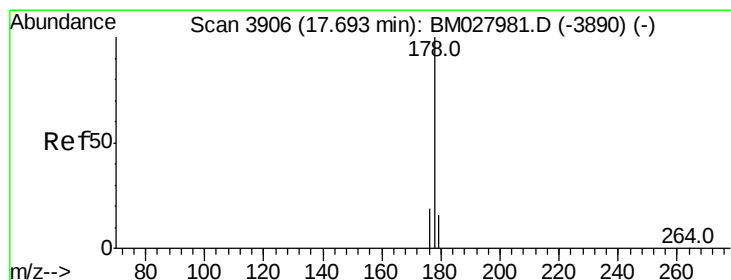
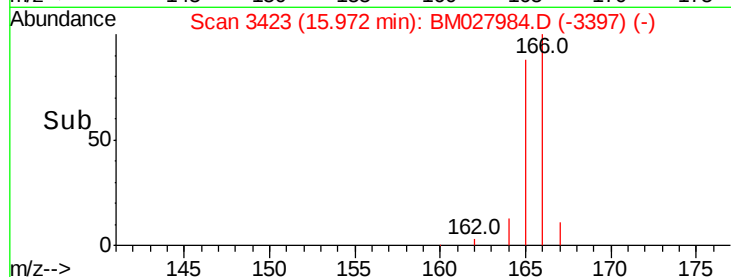
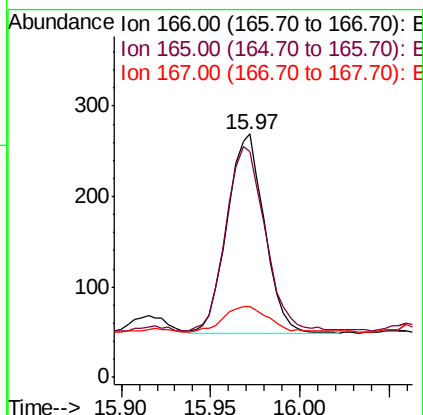
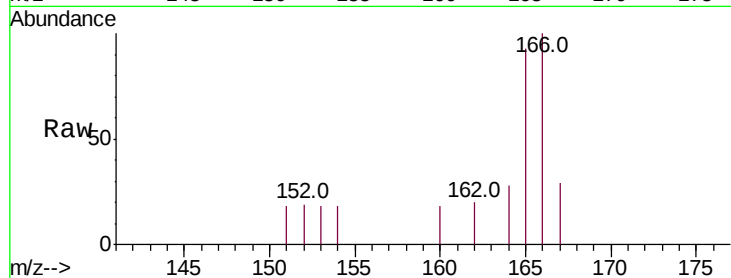




#9
Fluorene
 Concen: 0.082 ng/ul
 RT: 15.97 min Scan# 3423
 Delta R.T. 0.00 min
 Lab File: BM027984.D
 Acq: 26 Nov 2020 04:04

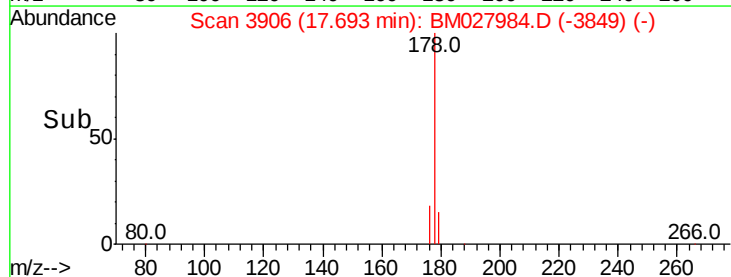
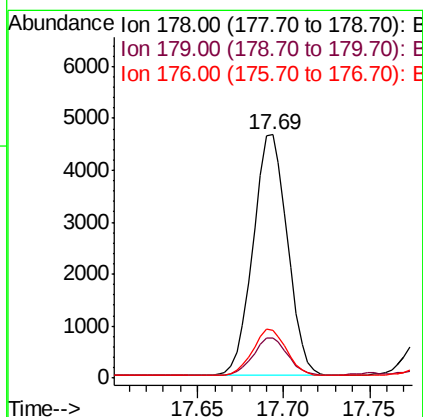
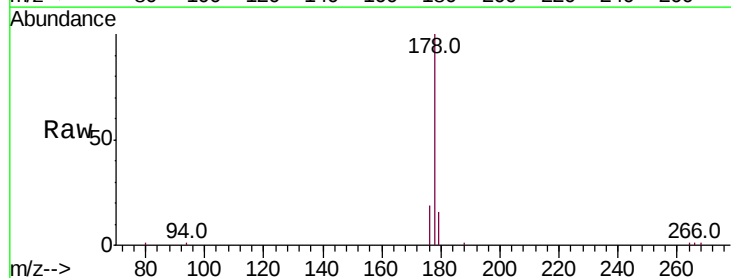
Instrument :
 BNA_M
 ClientSampleId :
 C0B22DL

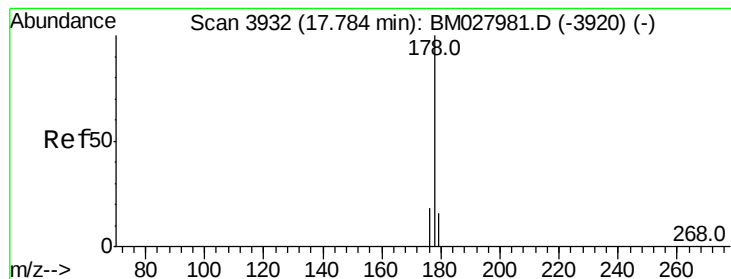
Tot Ion:166 Resp: 318
 Ion Ratio Lower Upper
 166 100
 165 92.6 78.1 117.1
 167 29.0 11.8 17.8#



#12
Phenanthrene
 Concen: 1.175 ng/ul
 RT: 17.69 min Scan# 3906
 Delta R.T. -0.00 min
 Lab File: BM027984.D
 Acq: 26 Nov 2020 04:04

Tgt Ion:178 Resp: 6426
 Ion Ratio Lower Upper
 178 100
 179 16.2 13.6 20.4
 176 19.4 16.1 24.1





#13

Anthracene

Concen: 0.248 ng/ul

RT: 17.78 min Scan# 3932

Delta R.T. -0.00 min

Lab File: BM027984.D

Acq: 26 Nov 2020 04:04

Instrument :

BNA_M

ClientSampleId :

C0B22DL

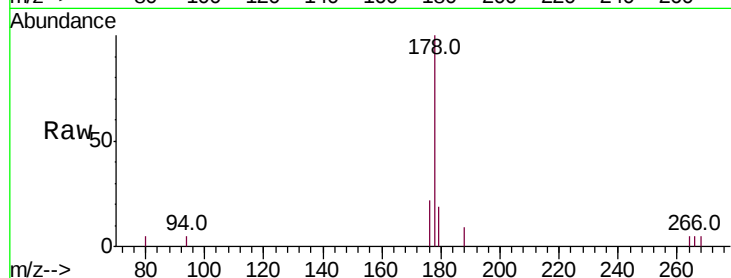
Tot Ion:178 Resp: 1310

Ion Ratio Lower Upper

178 100

179 19.2 13.4 20.2

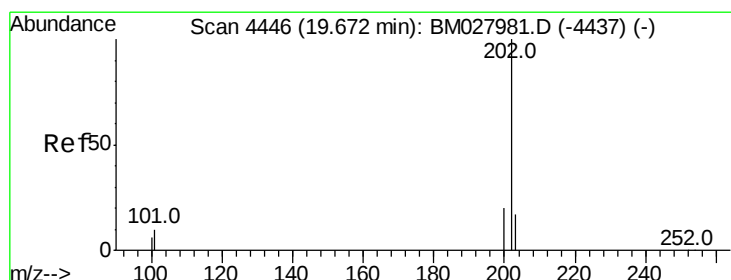
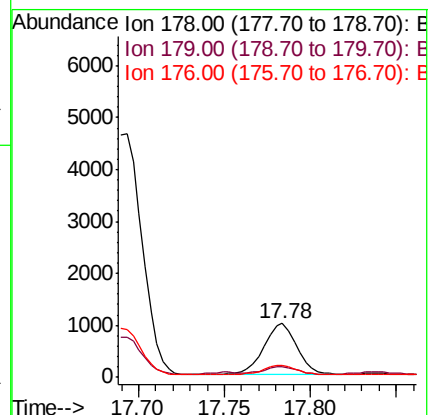
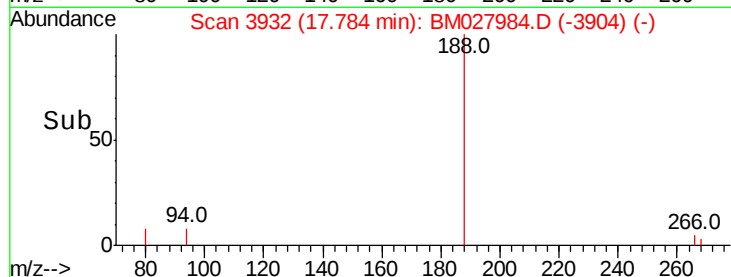
176 21.6 15.0 22.6



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: 1.675 ng/ul

RT: 19.67 min Scan# 4445

Delta R.T. -0.00 min

Lab File: BM027984.D

Acq: 26 Nov 2020 04:04

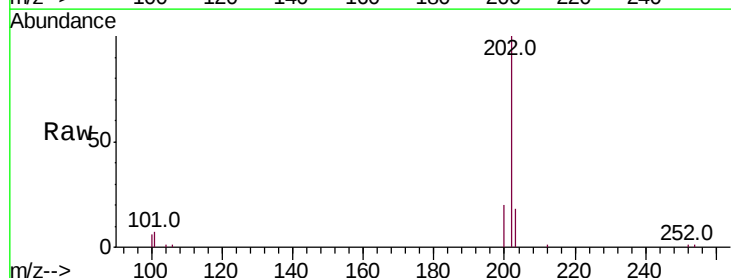
Tgt Ion:202 Resp: 10158

Ion Ratio Lower Upper

202 100

101 7.5 0.0 29.3

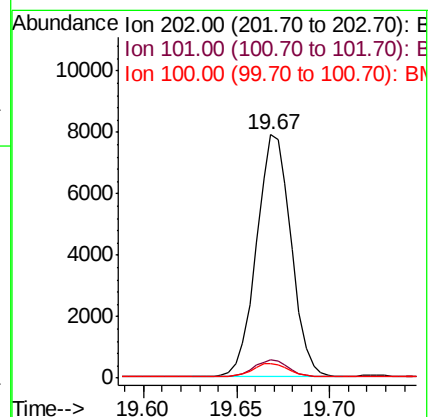
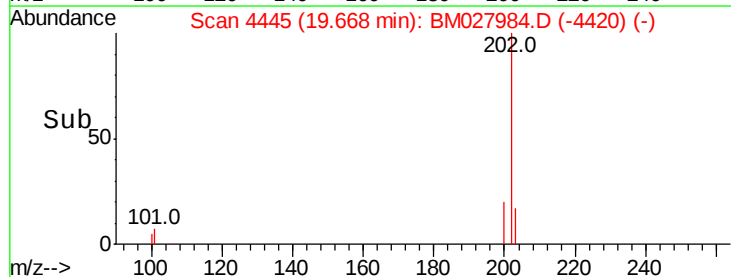
100 6.0 0.0 27.4

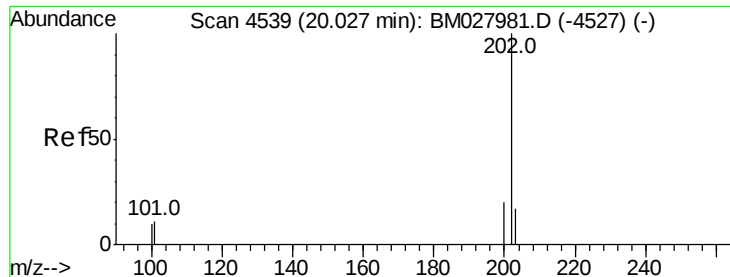


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 1.715 ng/ul

RT: 20.03 min Scan# 4539

Delta R.T. -0.00 min

Lab File: BM027984.D

Acq: 26 Nov 2020 04:04

Instrument :

BNA_M

ClientSampleId :

C0B22DL

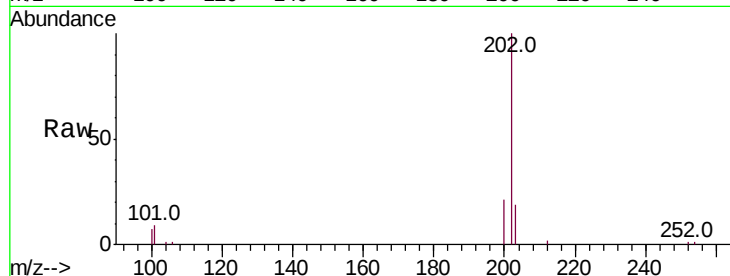
Tot Ion:202 Resp: 8648

Ion Ratio Lower Upper

202 100

101 8.7 8.2 12.2

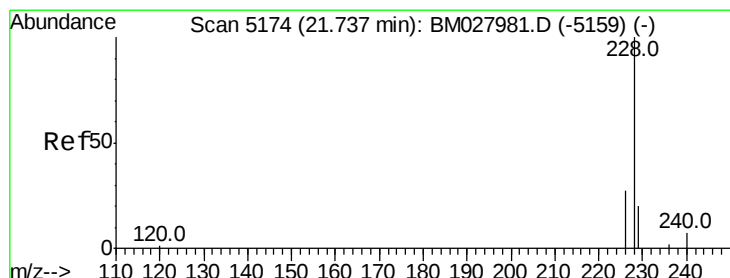
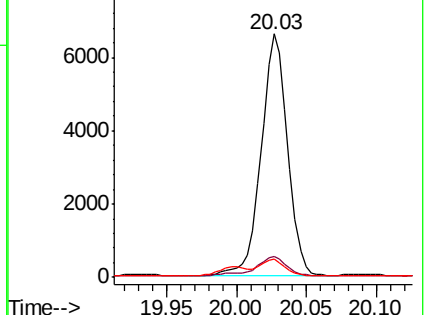
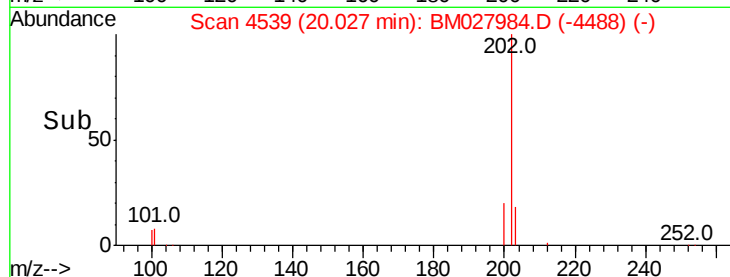
100 7.3 6.9 10.3



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: 0.951 ng/ul

RT: 21.74 min Scan# 5174

Delta R.T. -0.00 min

Lab File: BM027984.D

Acq: 26 Nov 2020 04:04

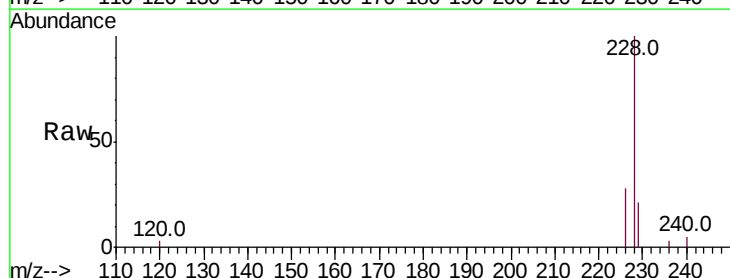
Tgt Ion:228 Resp: 3810

Ion Ratio Lower Upper

228 100

229 21.0 16.2 24.4

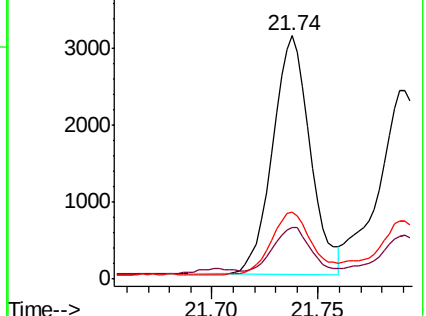
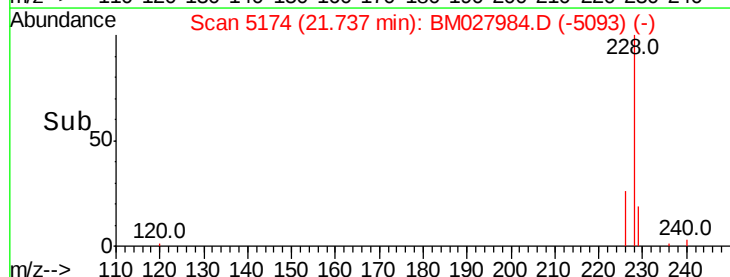
226 27.7 21.5 32.3

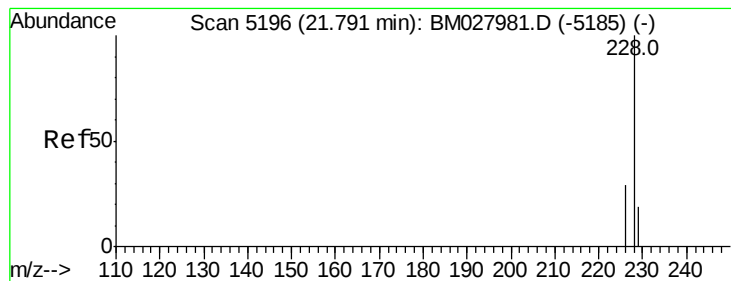


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.915 ng/ul

RT: 21.79 min Scan# 5195

Delta R.T. -0.01 min

Lab File: BM027984.D

Acq: 26 Nov 2020 04:04

Instrument :

BNA_M

ClientSampleId :

C0B22DL

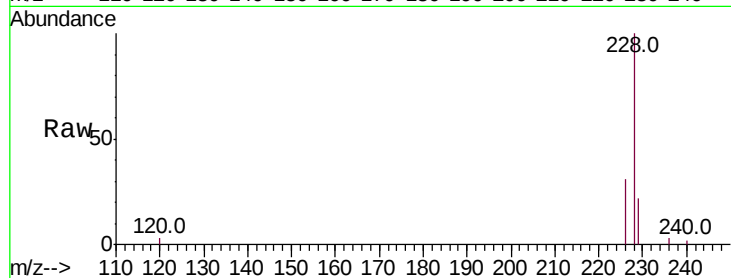
Tot Ion:228 Resp: 3571

Ion Ratio Lower Upper

228 100

226 31.1 24.1 36.1

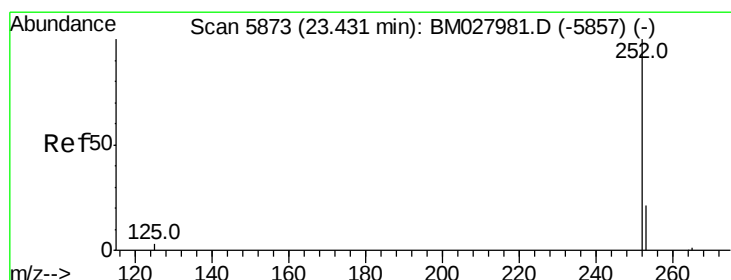
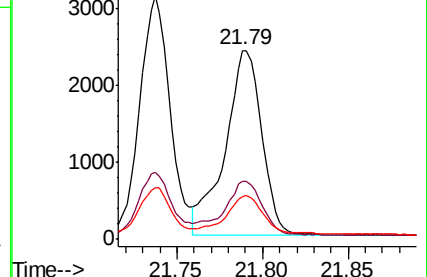
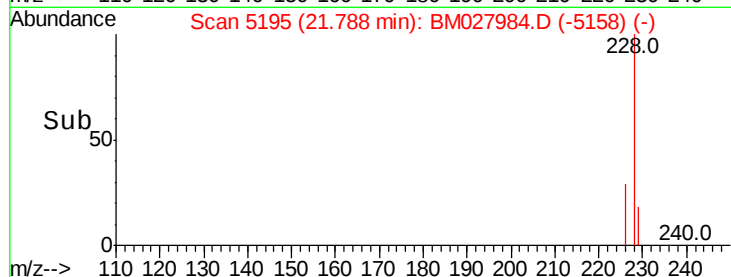
229 22.4 16.6 24.8



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: 1.374 ng/ul

RT: 23.43 min Scan# 5874

Delta R.T. -0.00 min

Lab File: BM027984.D

Acq: 26 Nov 2020 04:04

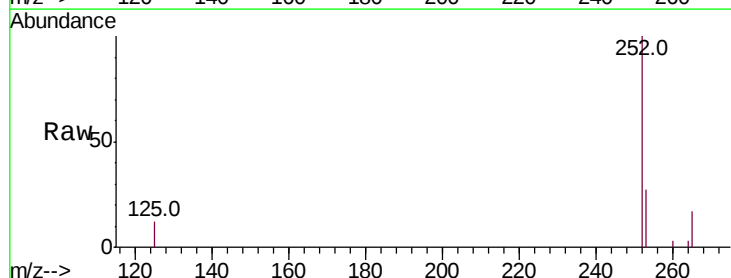
Tgt Ion:252 Resp: 5285

Ion Ratio Lower Upper

252 100

253 27.3 0.0 59.6

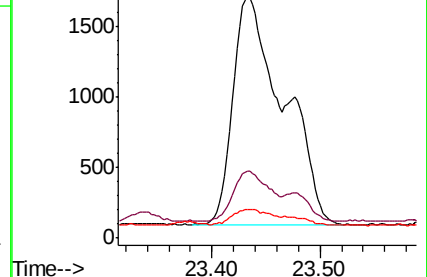
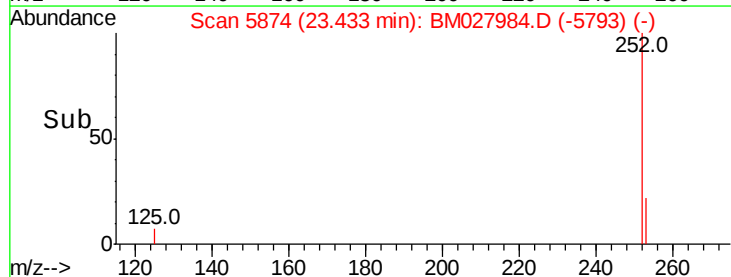
125 11.9 0.0 28.4

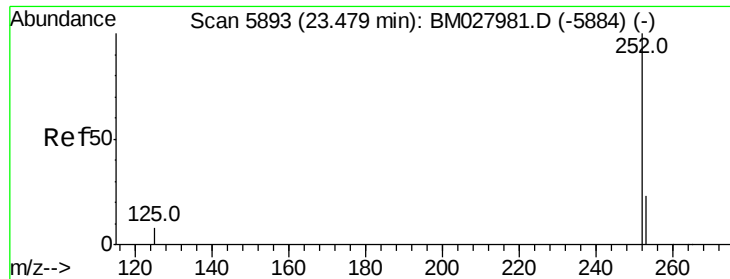


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.403 ng/ul

RT: 23.43 min Scan# 5874

Delta R.T. -0.06 min

Lab File: BM027984.D

Acq: 26 Nov 2020 04:04

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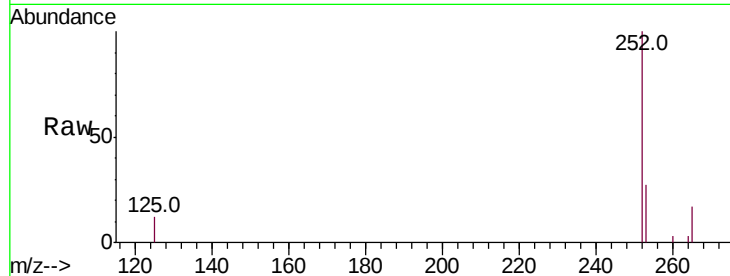
Tot Ion:252 Resp: 5285

Ion Ratio Lower Upper

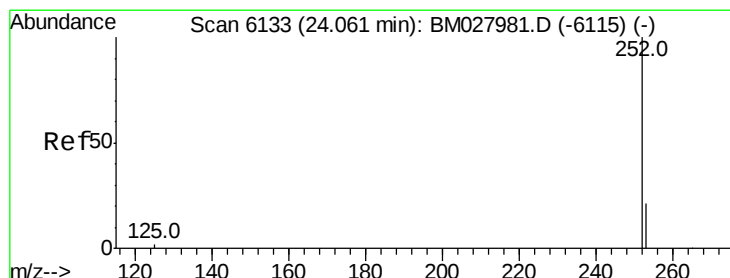
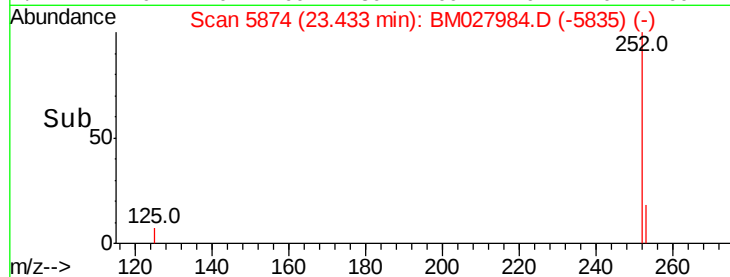
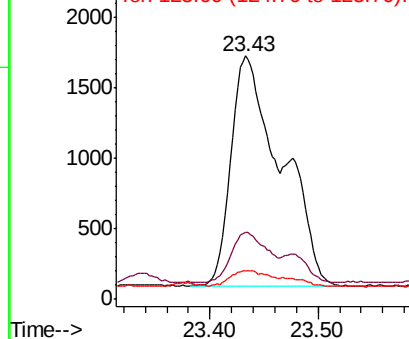
252 100

253 27.3 23.2 34.8

125 11.9 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: 0.847 ng/ul

RT: 24.06 min Scan# 6132

Delta R.T. -0.01 min

Lab File: BM027984.D

Acq: 26 Nov 2020 04:04

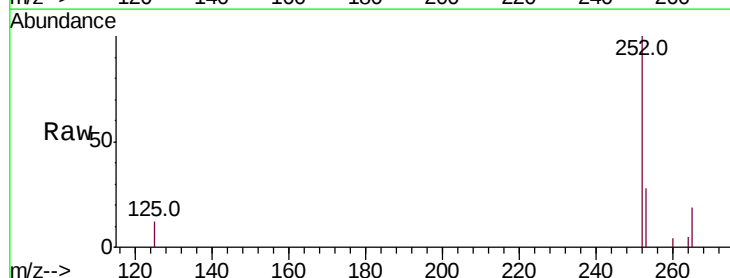
Tgt Ion:252 Resp: 2848

Ion Ratio Lower Upper

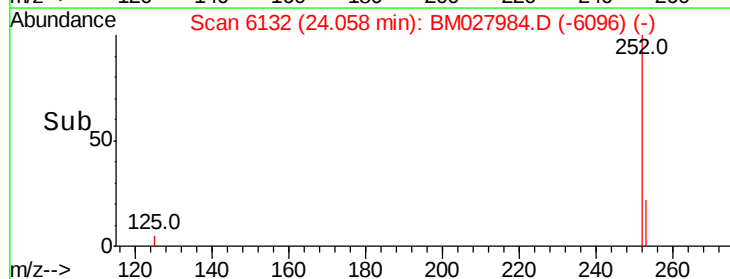
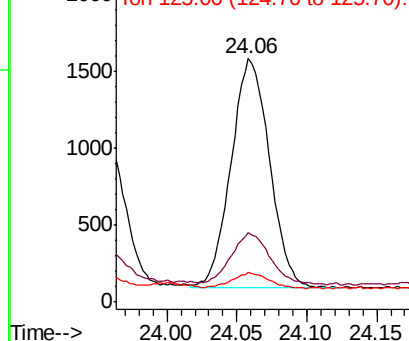
252 100

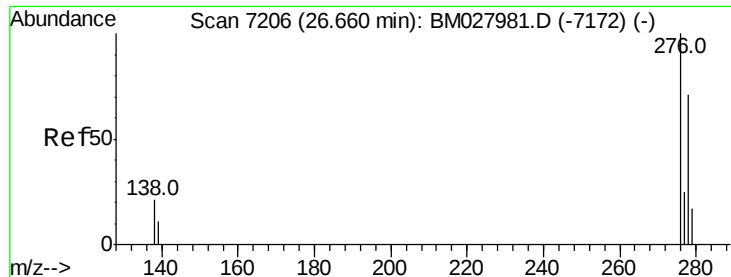
253 28.4 25.2 37.8

125 12.1 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



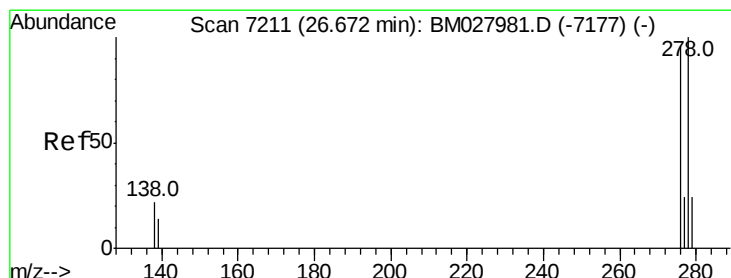
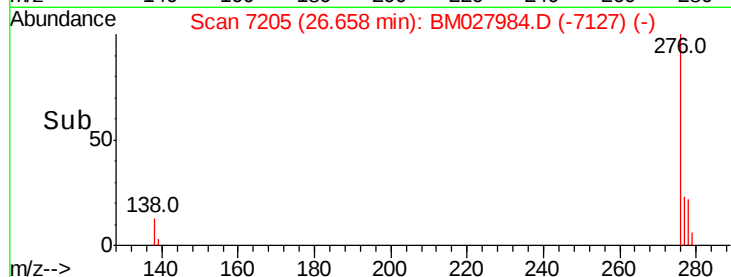
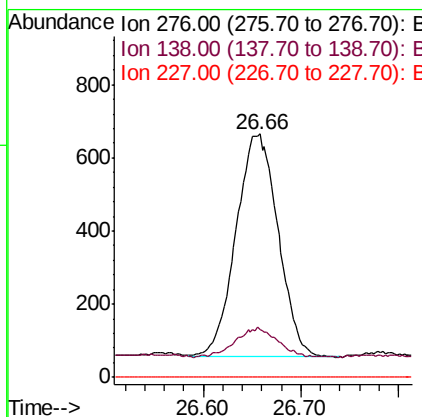
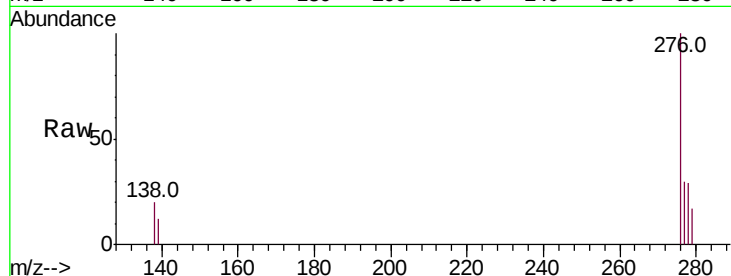


#24

Indeno(1,2,3-cd)pyrene
 Concen: 0.500 ng/u1
 RT: 26.66 min Scan# 7205
 Delta R.T. -0.01 min
 Lab File: BM027984.D
 Acq: 26 Nov 2020 04:04

Instrument :
 BNA_M
 ClientSampleId :
 C0B22DL

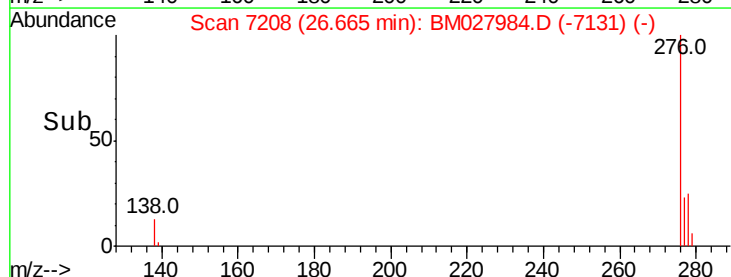
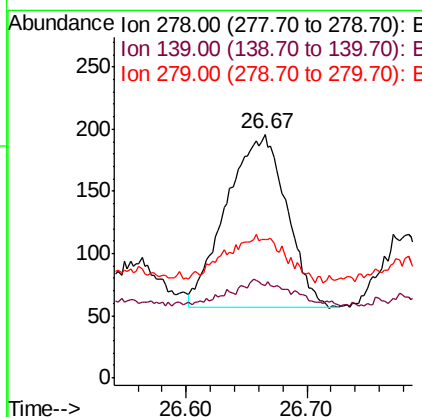
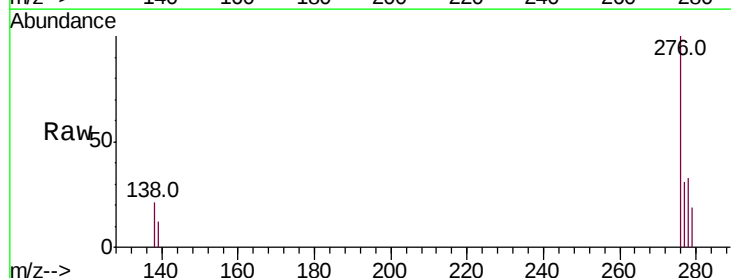
Tot Ion:276 Resp: 1821
 Ion Ratio Lower Upper
 276 100
 138 13.2 15.7 23.5#
 227 0.0 0.0 0.0

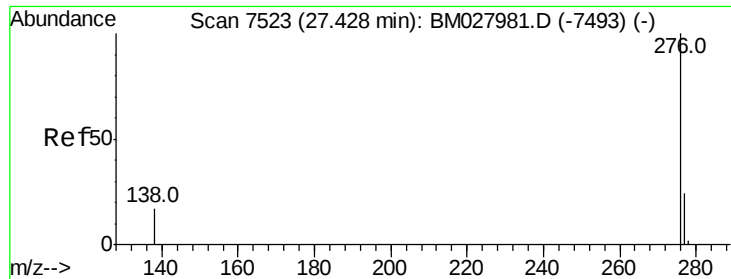


#25

Dibenzo(a,h)anthracene
 Concen: 0.158 ng/u1
 RT: 26.67 min Scan# 7208
 Delta R.T. -0.01 min
 Lab File: BM027984.D
 Acq: 26 Nov 2020 04:04

Tgt Ion:278 Resp: 480
 Ion Ratio Lower Upper
 278 100
 139 37.8 14.8 22.2#
 279 56.6 25.8 38.6#





#26

Benzo(a,h,i)perylene

Concen: 0.508 ng/ul

RT: 27.43 min Scan# 7523

Delta R.T. -0.01 min

Lab File: BM027984.D

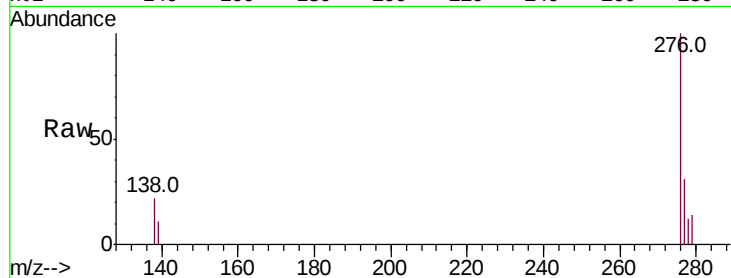
Acq: 26 Nov 2020 04:04

Instrument :

BNA_M

ClientSampleId :

C0B22DL



Tot Ion: 276 Resp: 1552

Ion Ratio Lower Upper

276 100

138 21.6 17.4 26.2

277 30.7 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

