

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
 Data File : BM027985.D
 Acq On : 26 Nov 2020 04:40
 Operator : JU/CG
 Sample : L4749-15DL 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B14DL

Quant Time: Nov 26 05:13:11 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	357	0.40	ng/ul	0.00
2) Naphthalene-d8	11.15	136	1381	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	837	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	1502	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	872	0.40	ng/ul	0.00
20) Perylene-d12	24.16	264	833	0.40	ng/ul	-0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	165	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	269	0.07	ng/ul	0.00

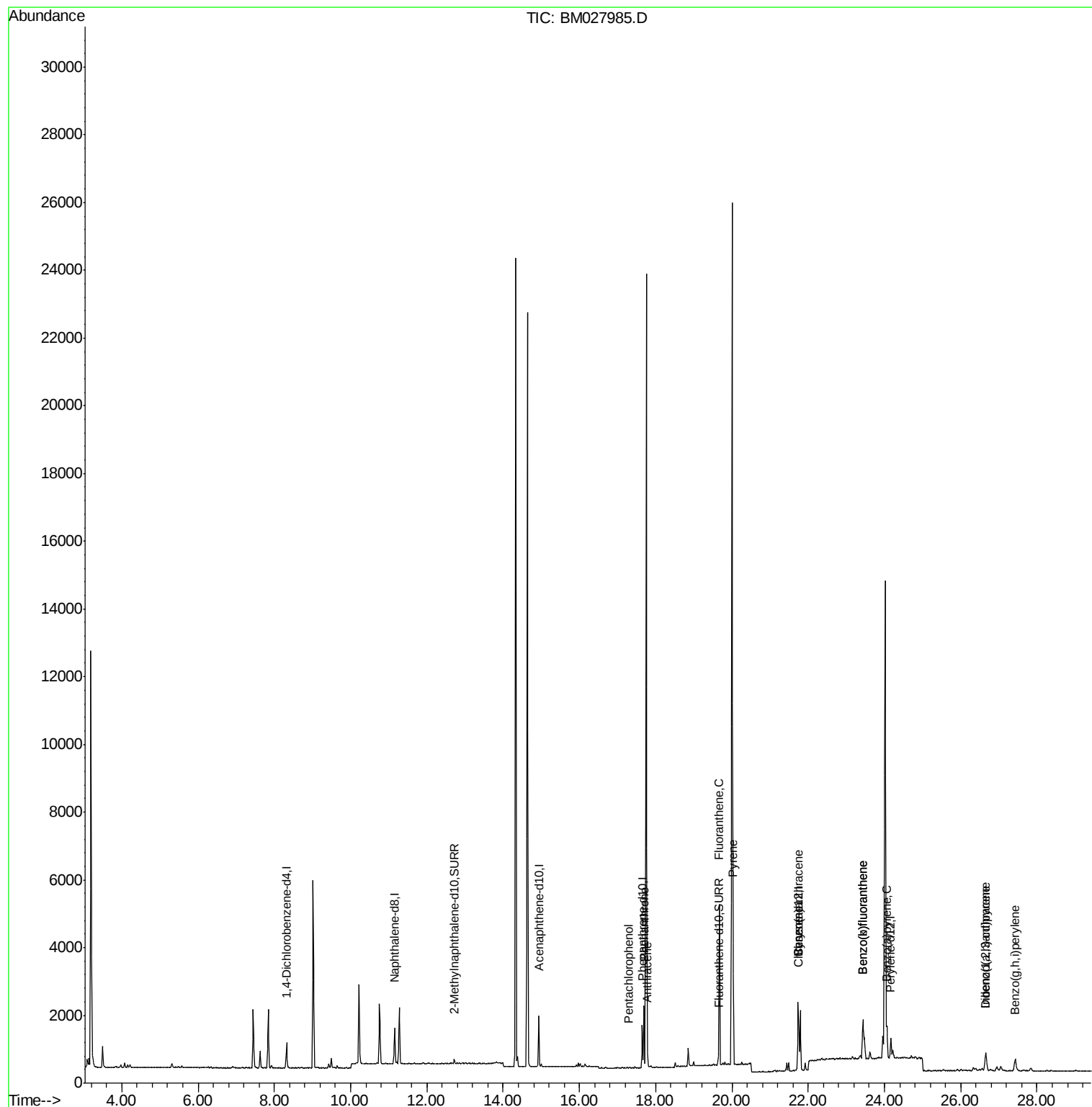
Target Compounds				Ovalue		
11) Pentachlorophenol	17.30	266	11	0.022	ng/ul	94
12) Phenanthrene	17.69	178	1906	0.402	ng/ul	97
13) Anthracene	17.78	178	438	0.096	ng/ul#	73
15) Fluoranthene	19.67	202	4171	0.793	ng/ul	98
17) Pyrene	20.03	202	3349	0.756	ng/ul	99
18) Benzo(a)anthracene	21.74	228	1661	0.472	ng/ul	95
19) Chrysene	21.74	228	1661	0.485	ng/ul	98
21) Benzo(b)fluoranthene	23.43	252	2785	0.796	ng/ul	93
22) Benzo(k)fluoranthene	23.43	252	2785	0.812	ng/ul#	92
23) Benzo(a)pyrene	24.06	252	1390	0.454	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.66	276	930	0.281	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.66	278	270	0.098	ng/ul#	23
26) Benzo(g,h,i)perylene	27.42	276	817	0.294	ng/ul#	82

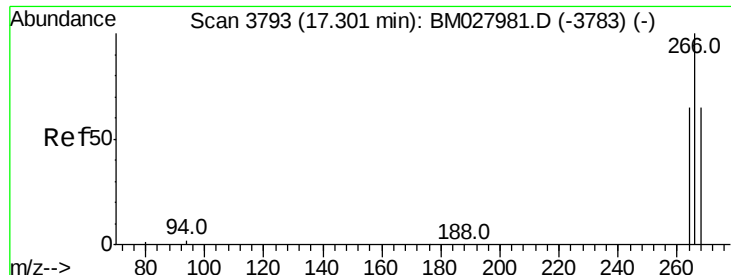
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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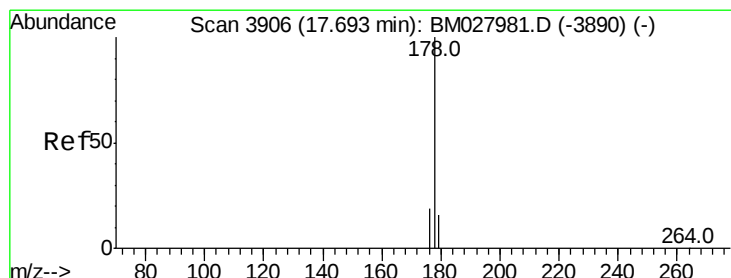
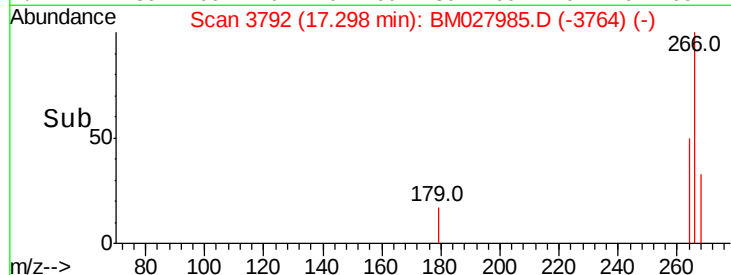
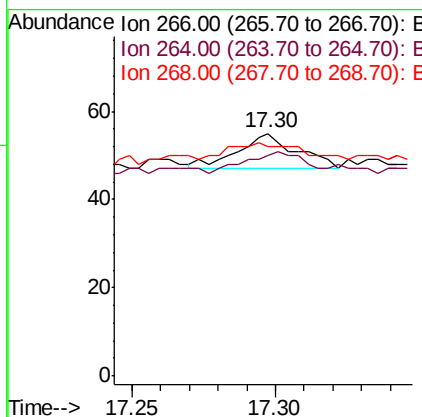
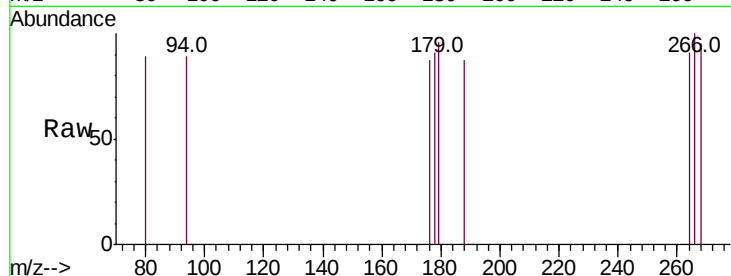




#11
 Pentachlorophenol
 Concen: 0.022 ng/ul
 RT: 17.30 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: BM027985.D
 Acq: 26 Nov 2020 04:40

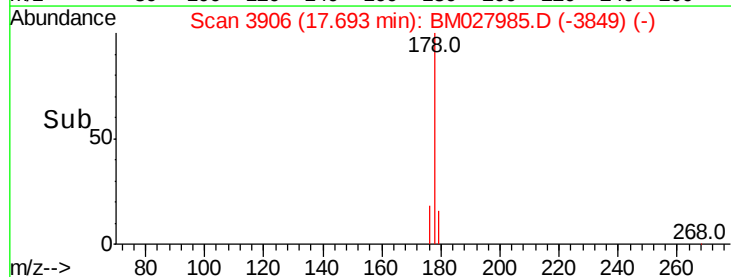
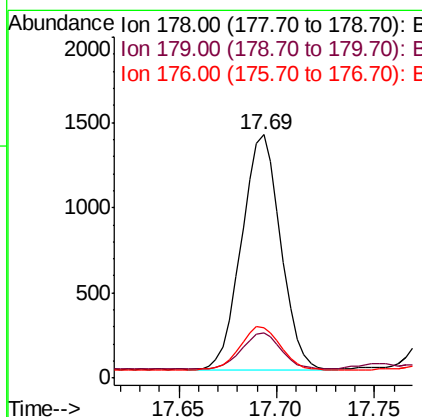
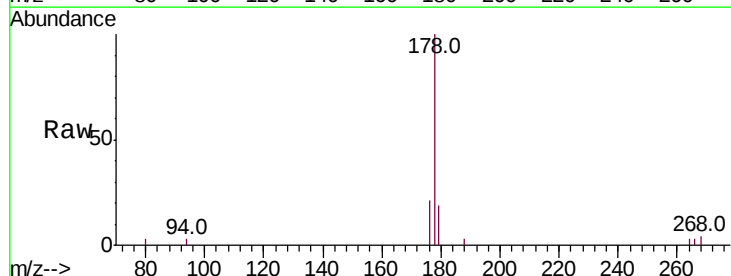
Instrument :
 BNA_M
 ClientSampleId :
 C0B14DL

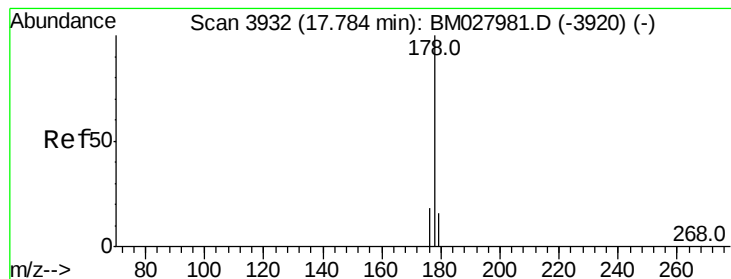
Tot Ion:266 Resp: 11
 Ion Ratio Lower Upper
 266 100
 264 63.6 49.6 74.4
 268 72.7 52.1 78.1



#12
 Phenanthrene
 Concen: 0.402 ng/ul
 RT: 17.69 min Scan# 3906
 Delta R.T. -0.00 min
 Lab File: BM027985.D
 Acq: 26 Nov 2020 04:40

Tgt Ion:178 Resp: 1906
 Ion Ratio Lower Upper
 178 100
 179 18.8 13.6 20.4
 176 20.8 16.1 24.1





#13

Anthracene

Concen: 0.096 ng/ul

RT: 17.78 min Scan# 3932

Delta R.T. -0.00 min

Lab File: BM027985.D

Acq: 26 Nov 2020 04:40

Instrument :

BNA_M

ClientSampleId :

C0B14DL

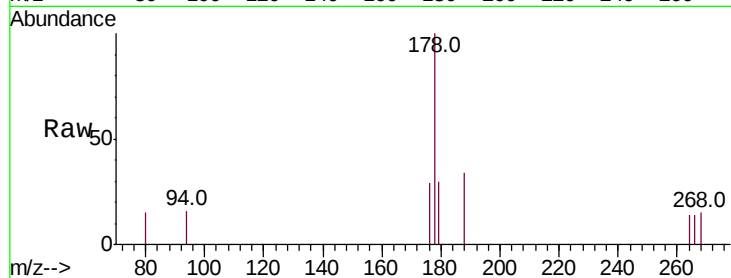
Tot Ion:178 Resp: 438

Ion Ratio Lower Upper

178 100

179 29.7 13.4 20.2#

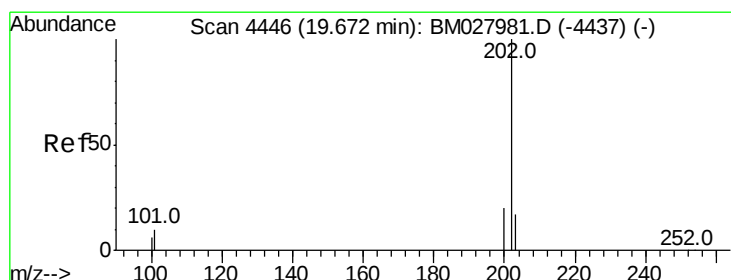
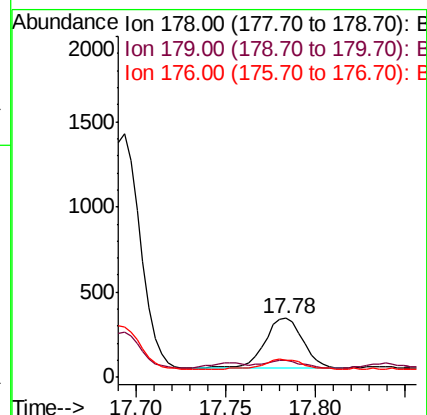
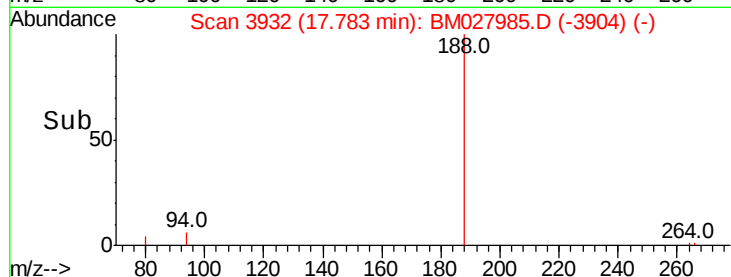
176 29.4 15.0 22.6#



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: 0.793 ng/ul

RT: 19.67 min Scan# 4445

Delta R.T. -0.00 min

Lab File: BM027985.D

Acq: 26 Nov 2020 04:40

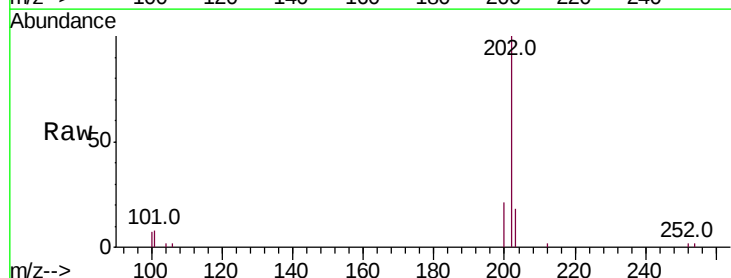
Tgt Ion:202 Resp: 4171

Ion Ratio Lower Upper

202 100

101 8.1 0.0 29.3

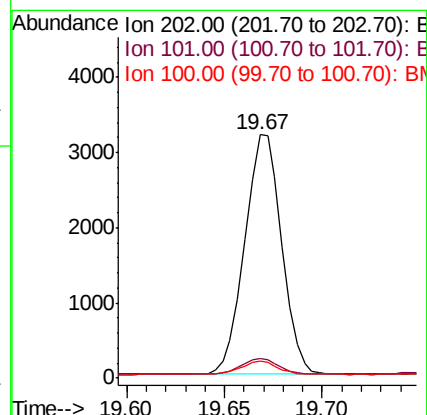
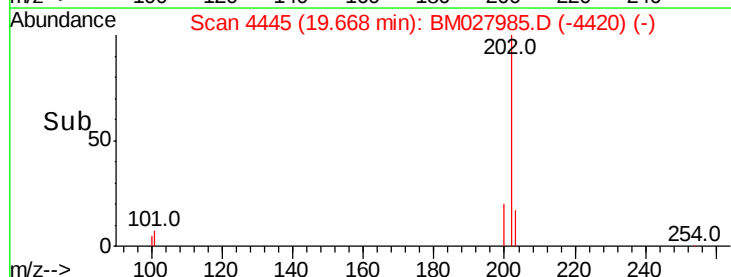
100 6.9 0.0 27.4

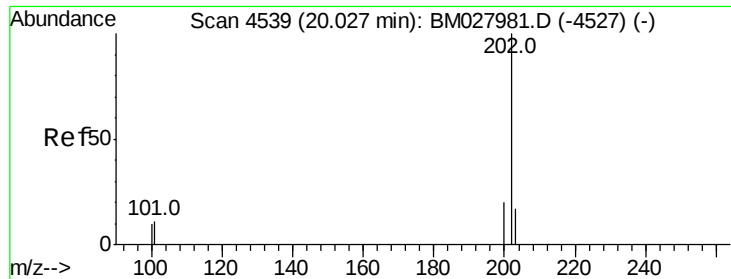


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

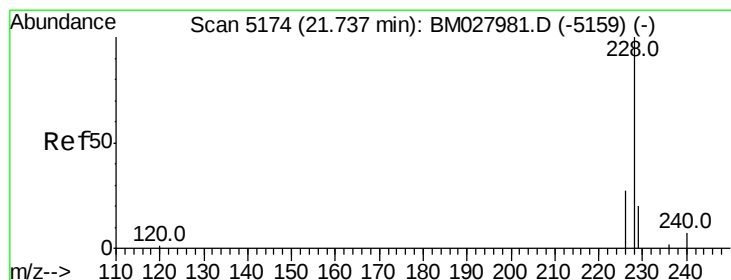
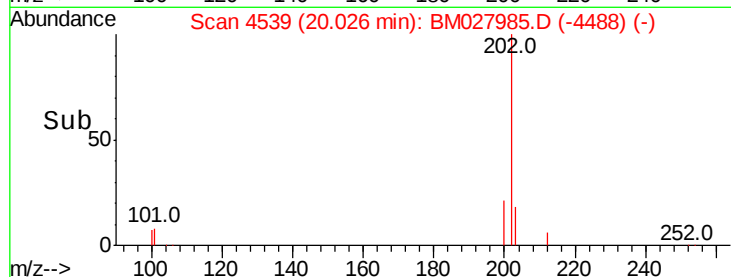
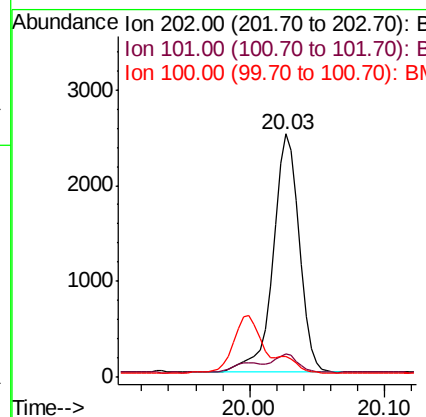
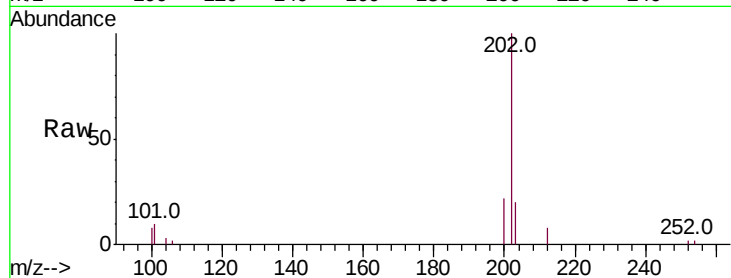




#17
Pvrene
Concen: 0.756 ng/ul
RT: 20.03 min Scan# 4539
Delta R.T. -0.00 min
Lab File: BM027985.D
Acq: 26 Nov 2020 04:40

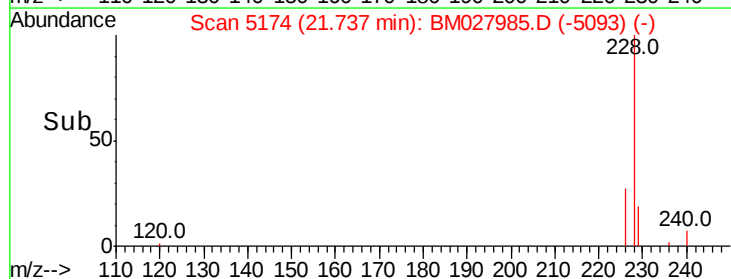
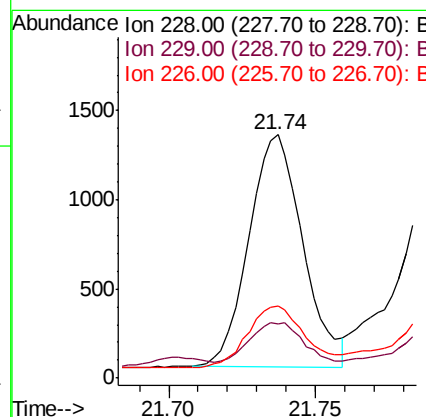
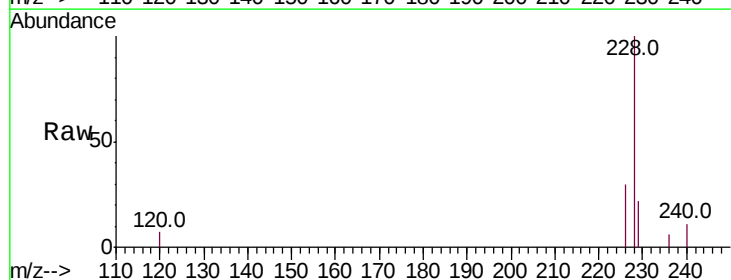
Instrument :
BNA_M
ClientSampleId :
C0B14DL

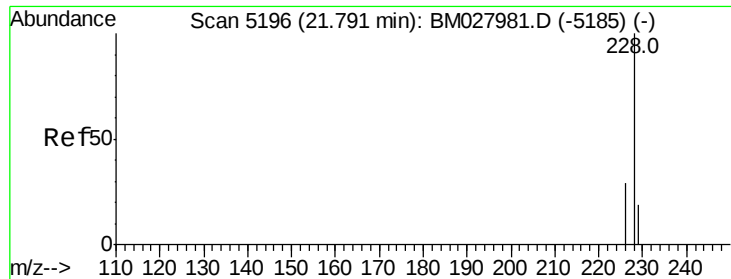
Tot Ion:202 Resp: 3349
Ion Ratio Lower Upper
202 100
101 9.6 8.2 12.2
100 8.4 6.9 10.3



#18
Benzo(a)anthracene
Concen: 0.472 ng/ul
RT: 21.74 min Scan# 5174
Delta R.T. -0.00 min
Lab File: BM027985.D
Acq: 26 Nov 2020 04:40

Tgt Ion:228 Resp: 1661
Ion Ratio Lower Upper
228 100
229 22.4 16.2 24.4
226 29.5 21.5 32.3





#19

Chrysene

Concen: 0.485 ng/ul

RT: 21.74 min Scan# 5174

Delta R.T. -0.06 min

Lab File: BM027985.D

Acq: 26 Nov 2020 04:40

Instrument :

BNA_M

ClientSampleId :

C0B14DL

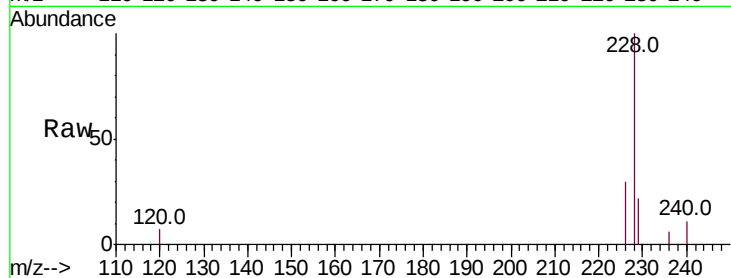
Tot Ion:228 Resp: 1661

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

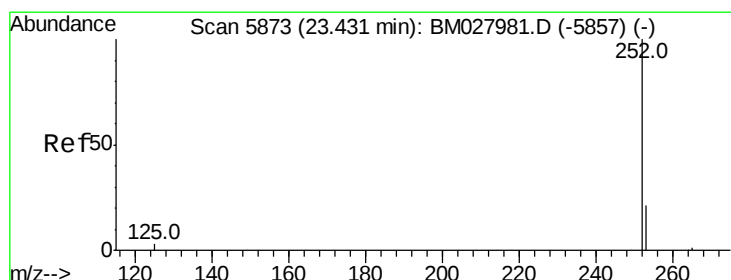
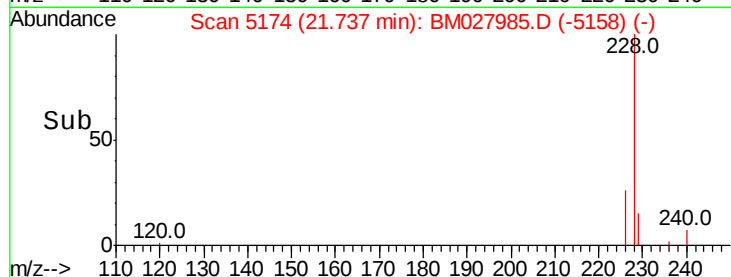
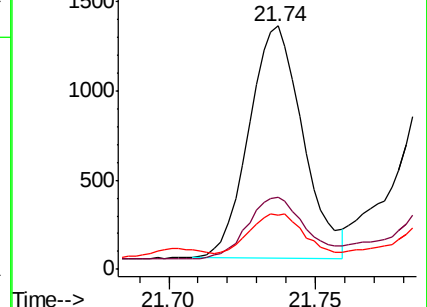
229 22.4 16.6 24.8



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: 0.796 ng/ul

RT: 23.43 min Scan# 5873

Delta R.T. -0.01 min

Lab File: BM027985.D

Acq: 26 Nov 2020 04:40

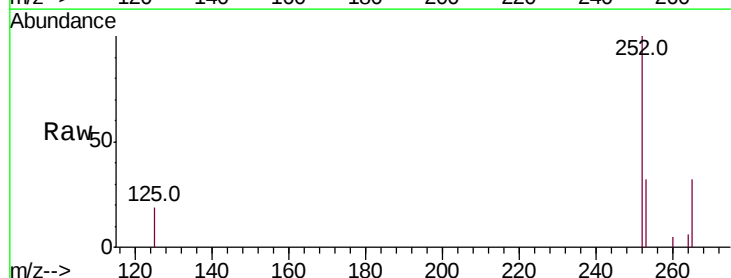
Tgt Ion:252 Resp: 2785

Ion Ratio Lower Upper

252 100

253 32.5 0.0 59.6

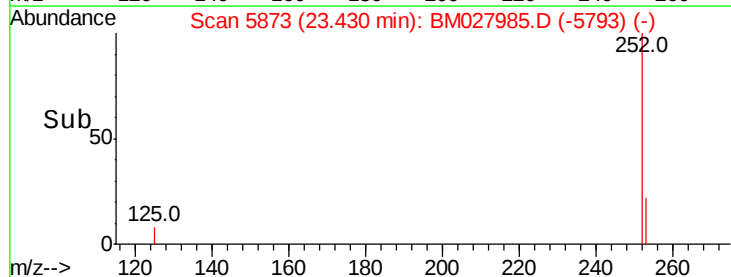
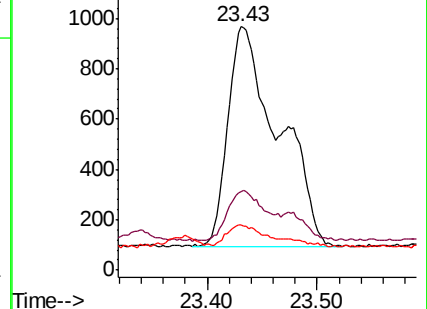
125 18.7 0.0 28.4

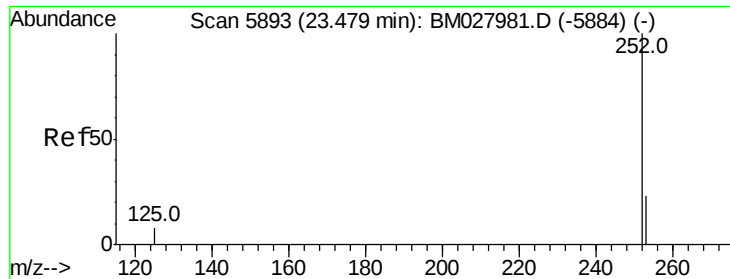


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.812 ng/ul

RT: 23.43 min Scan# 5873

Delta R.T. -0.06 min

Lab File: BM027985.D

Acq: 26 Nov 2020 04:40

Instrument :

BNA_M

ClientSampleId :

C0B14DL

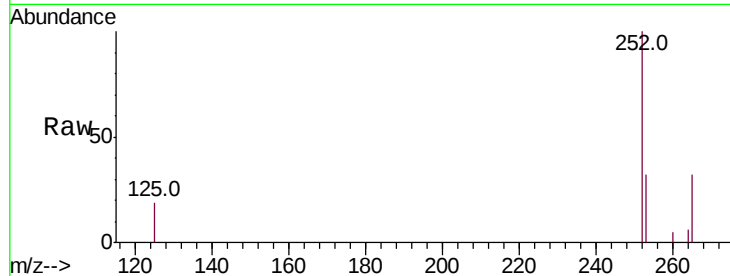
Tot Ion:252 Resp: 2785

Ion Ratio Lower Upper

252 100

253 32.5 23.2 34.8

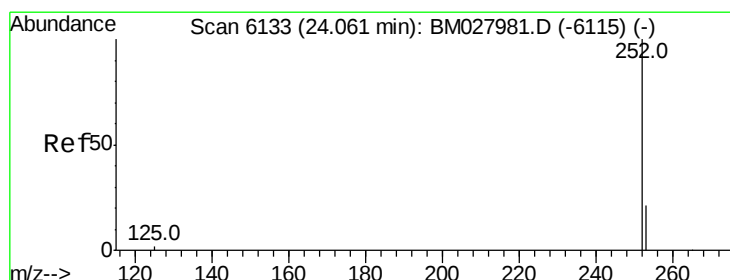
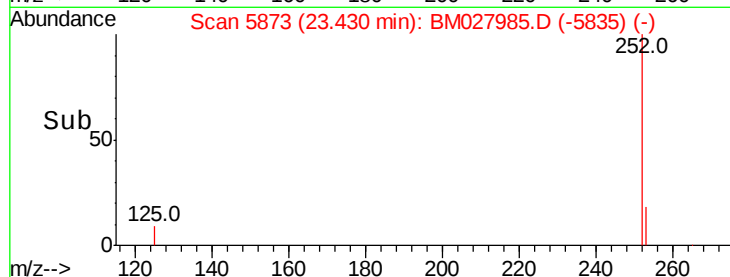
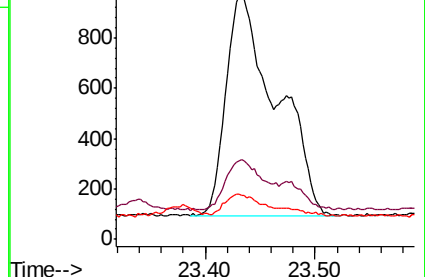
125 18.7 11.8 17.6#



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: 0.454 ng/ul

RT: 24.06 min Scan# 6134

Delta R.T. -0.01 min

Lab File: BM027985.D

Acq: 26 Nov 2020 04:40

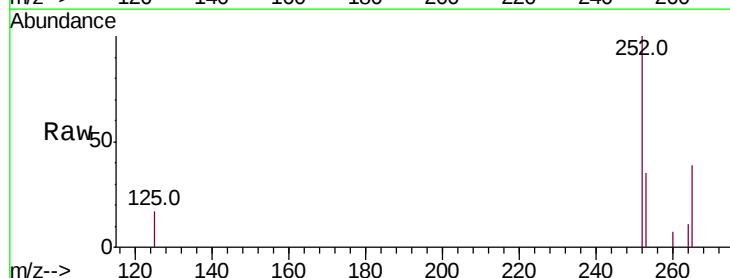
Tgt Ion:252 Resp: 1390

Ion Ratio Lower Upper

252 100

253 34.9 25.2 37.8

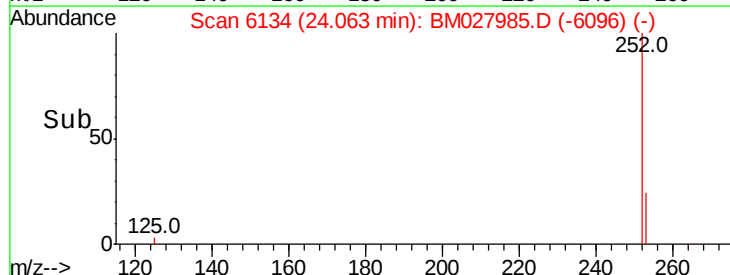
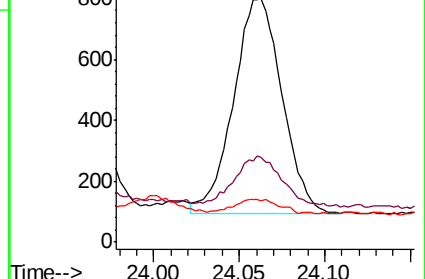
125 16.8 13.8 20.6

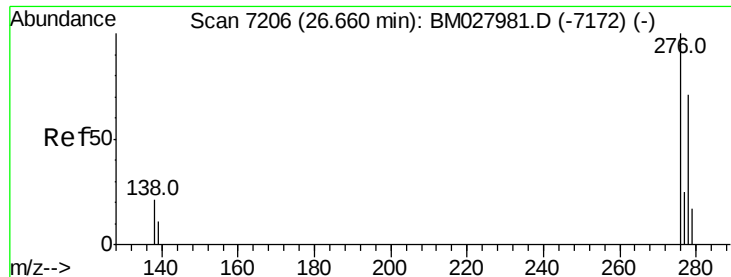


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



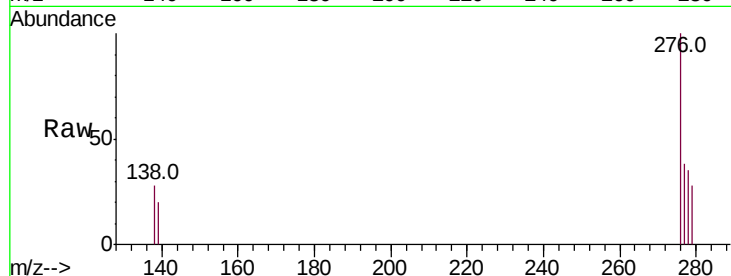


#24

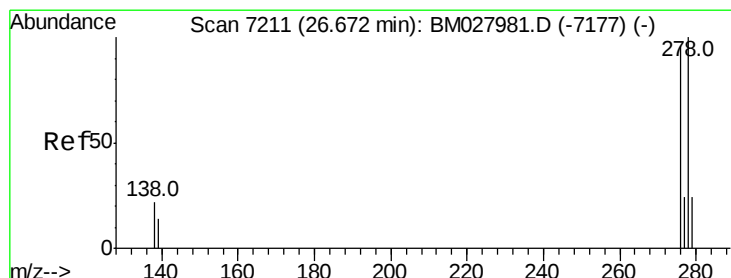
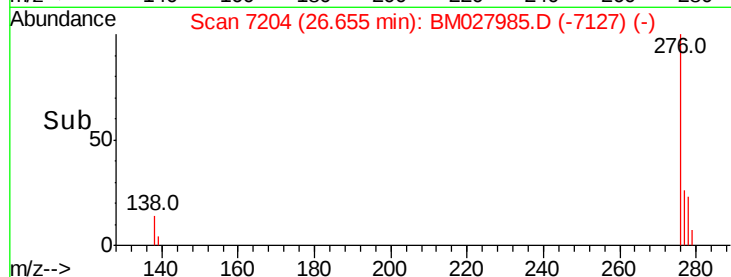
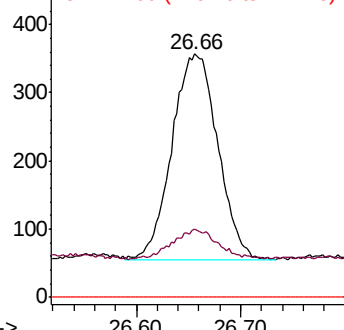
Indeno(1,2,3-cd)pyrene
Concen: 0.281 ng/uL
RT: 26.66 min Scan# 7204
Delta R.T. -0.01 min
Lab File: BM027985.D
Acq: 26 Nov 2020 04:40

Instrument :
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ClientSampleId :
C0B14DL

Tot Ion:276 Resp: 930
Ion Ratio Lower Upper
276 100
138 14.2 15.7 23.5#
227 0.0 0.0 0.0



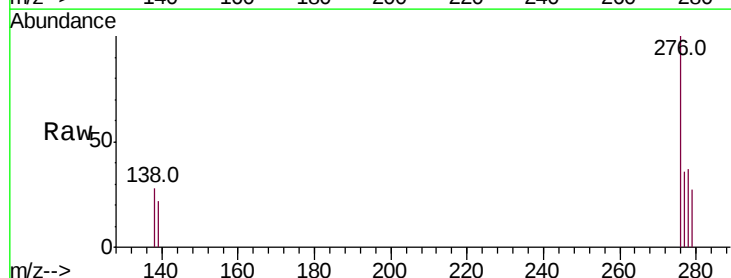
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



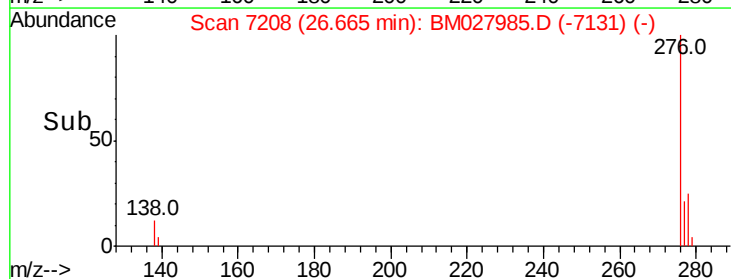
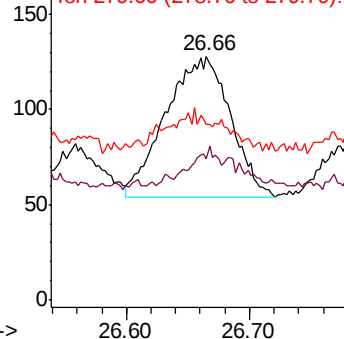
#25

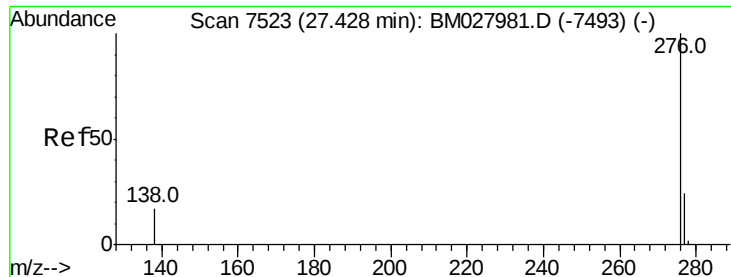
Dibenzo(a,h)anthracene
Concen: 0.098 ng/uL
RT: 26.66 min Scan# 7208
Delta R.T. -0.01 min
Lab File: BM027985.D
Acq: 26 Nov 2020 04:40

Tgt Ion:278 Resp: 270
Ion Ratio Lower Upper
278 100
139 57.8 14.8 22.2#
279 71.9 25.8 38.6#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.294 ng/ul

RT: 27.42 min Scan# 7520

Delta R.T. -0.02 min

Lab File: BM027985.D

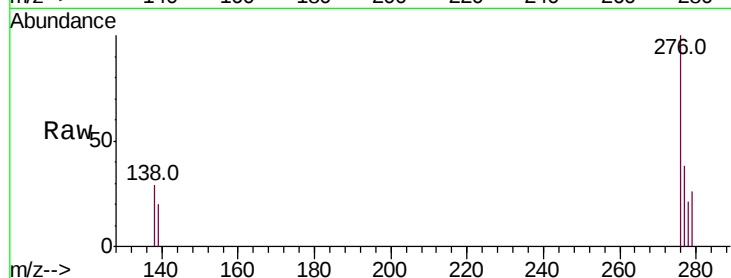
Acq: 26 Nov 2020 04:40

Instrument :

BNA_M

ClientSampleId :

C0B14DL



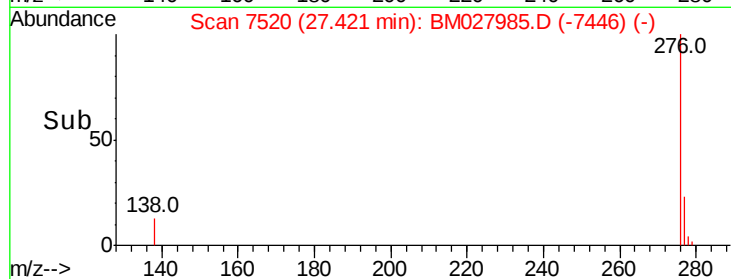
Tot Ion:276 Resp: 817

Ion Ratio Lower Upper

276 100

138 29.4 17.4 26.2#

277 38.1 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

