

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071922\
 Data File : BN020780.D
 Acq On : 19 Jul 2022 18:23
 Operator : CG/JU
 Sample : PB146295BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS295

Quant Time: Jul 20 01:05:29 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 01:02:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

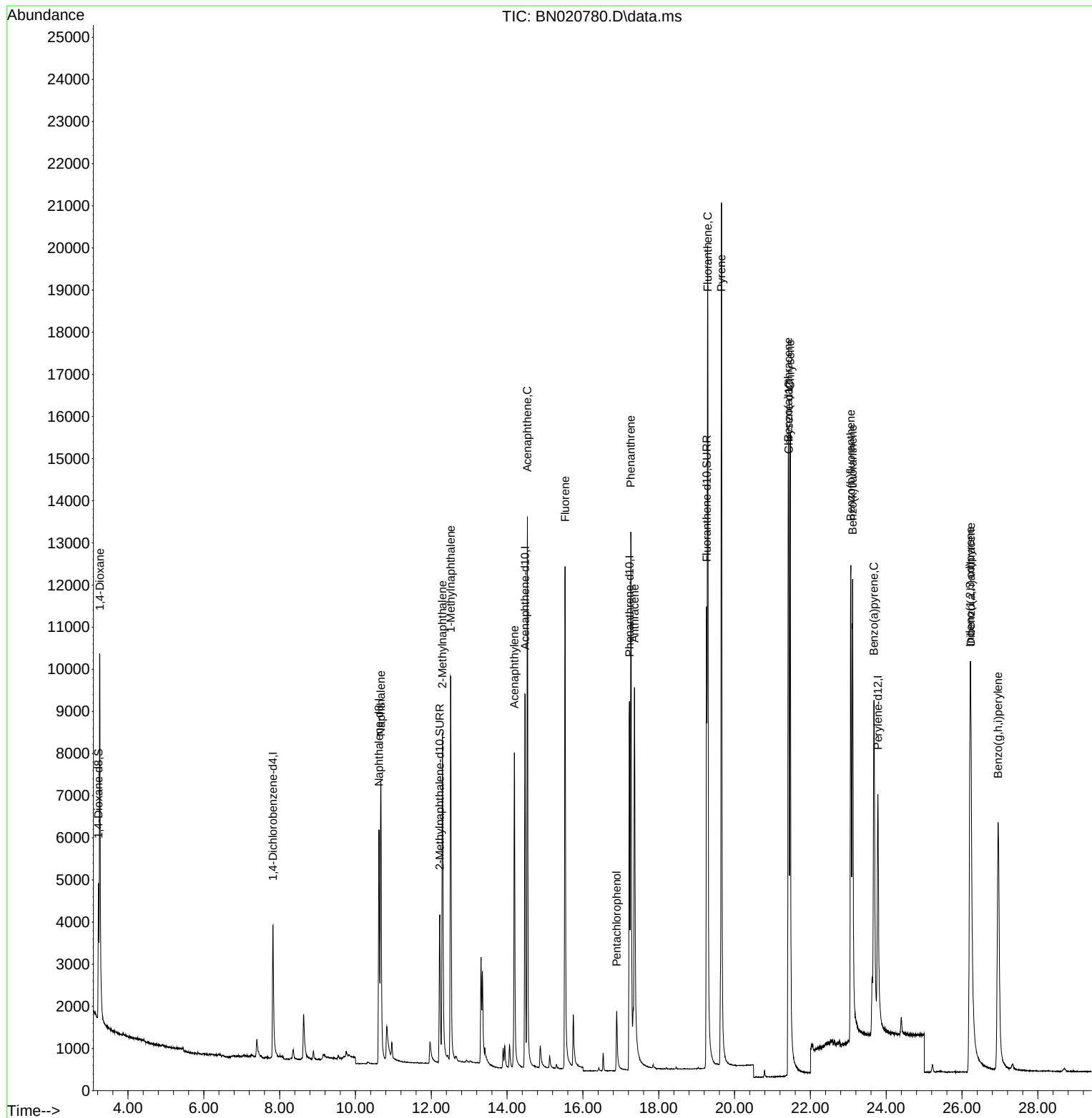
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	2291	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	9167	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.475	164	5530	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.226	188	11694	0.400	ng/ul	0.00
17) Chrysene-d12	21.430	240	9228	0.400	ng/ul	0.00
23) Perylene-d12	23.780	264	8600	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	2169	0.817	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	5633	0.374	ng/ul	0.00
18) Fluoranthene-d10	19.263	212	13745	0.452	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.256	88	5783	2.134	ng/ul#	84
5) Naphthalene	10.667	128	11010	0.389	ng/ul	100
7) 2-Methylnaphthalene	12.294	142	7072	0.373	ng/ul	99
8) 1-Methylnaphthalene	12.514	142	7512	0.418	ng/ul	100
10) Acenaphthylene	14.193	152	10326	0.394	ng/ul	100
11) Acenaphthene	14.535	153	8427	0.402	ng/ul	100
12) Fluorene	15.530	166	9482	0.381	ng/ul	99
14) Pentachlorophenol	16.888	266	1333	0.565	ng/ul	99
15) Phenanthrene	17.264	178	16246	0.400	ng/ul	99
16) Anthracene	17.361	178	13347	0.380	ng/ul	100
19) Fluoranthene	19.291	202	19233	0.456	ng/ul	98
20) Pyrene	19.653	202	19872	0.455	ng/ul	97
21) Benzo(a)anthracene	21.415	228	12578	0.379	ng/ul	100
22) Chrysene	21.468	228	15531	0.421	ng/ul	100
24) Benzo(b)fluoranthene	23.066	252	15531	0.390	ng/ul	97
25) Benzo(k)fluoranthene	23.113	252	16366	0.407	ng/ul	99
26) Benzo(a)pyrene	23.677	252	15499	0.429	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.212	276	16977	0.472	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.232	278	13136	0.452	ng/ul	100
29) Benzo(g,h,i)perylene	26.950	276	15143	0.490	ng/ul	99

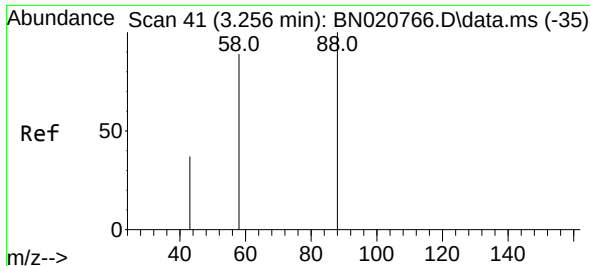
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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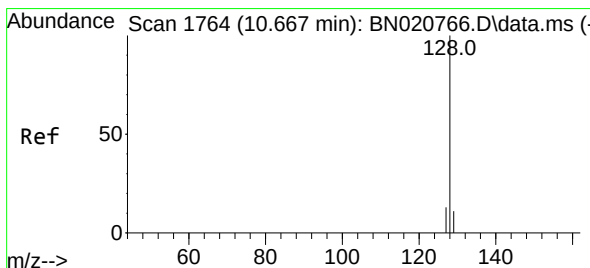
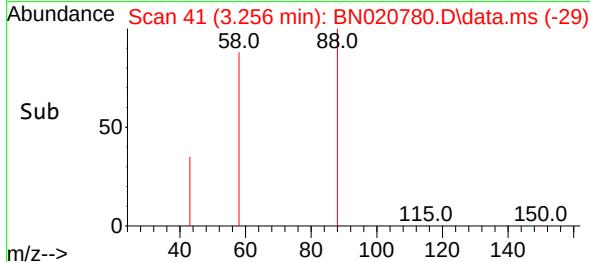
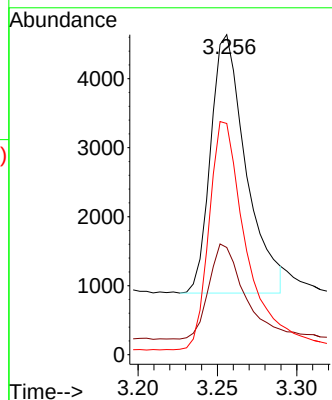
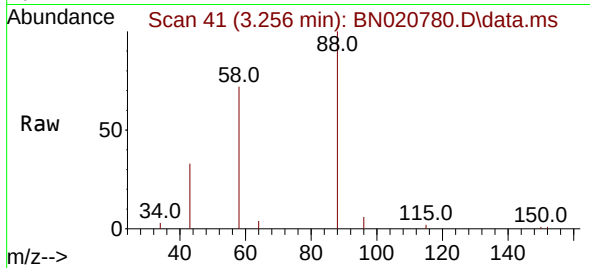




#2
 1,4-Dioxane
 Concen: 2.134 ng/ul
 RT: 3.256 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BN020780.D
 Acq: 19 Jul 2022 18:23

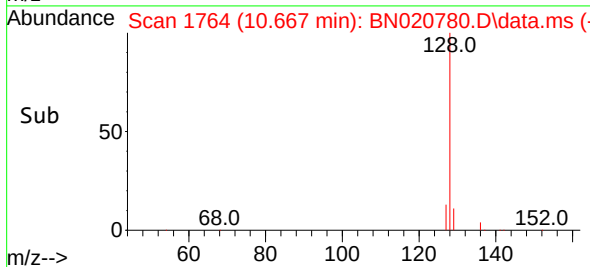
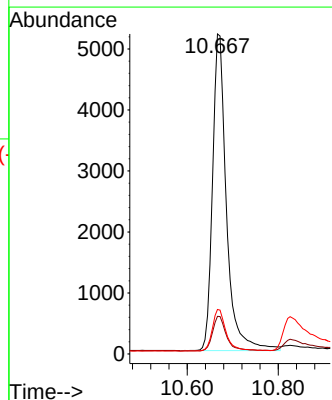
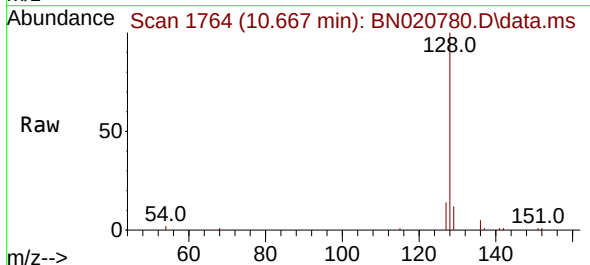
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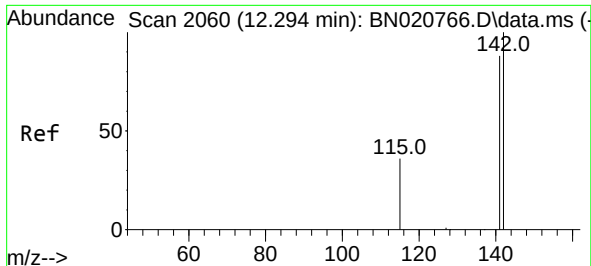
Tgt Ion: 88 Resp: 5783
 Ion Ratio Lower Upper
 88 100
 43 33.5 32.5 48.7
 58 72.3 46.2 69.2#



#5
 Naphthalene
 Concen: 0.389 ng/ul
 RT: 10.667 min Scan# 1764
 Delta R.T. -0.000 min
 Lab File: BN020780.D
 Acq: 19 Jul 2022 18:23

Tgt Ion: 128 Resp: 11010
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.5 14.3
 127 13.9 11.3 16.9

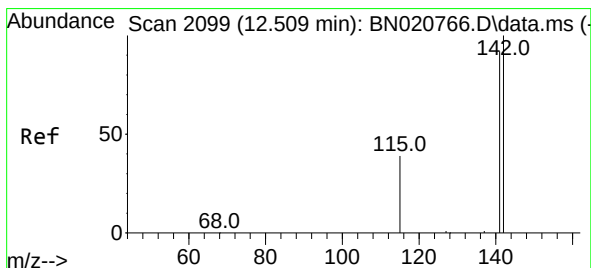
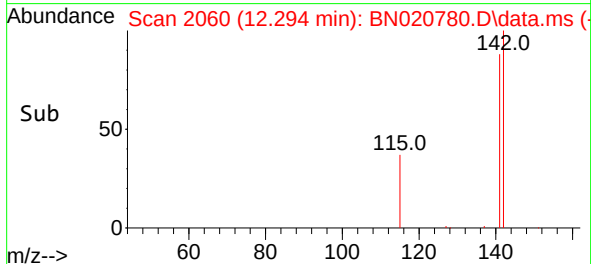
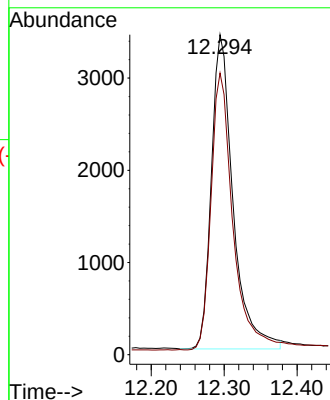
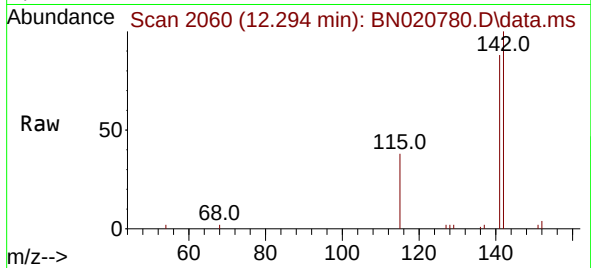




#7
2-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.294 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

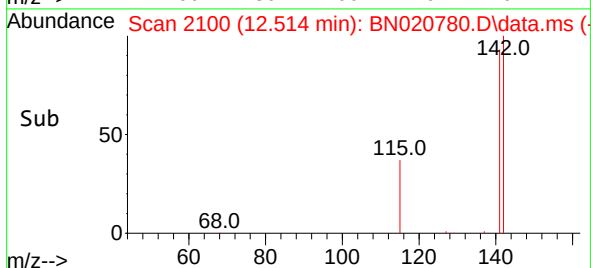
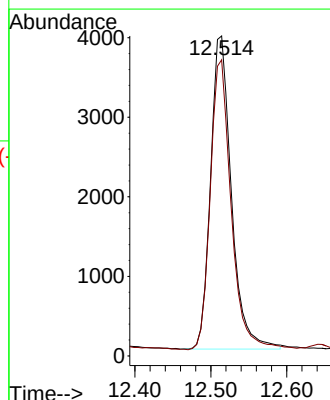
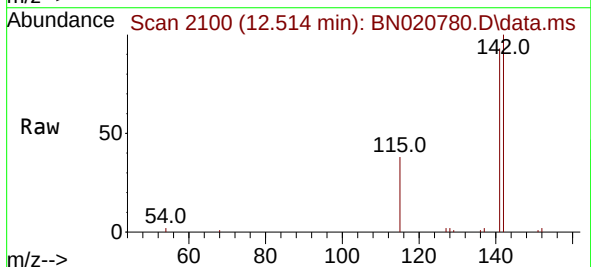
Instrument :
BNA_N
ClientSampleId :
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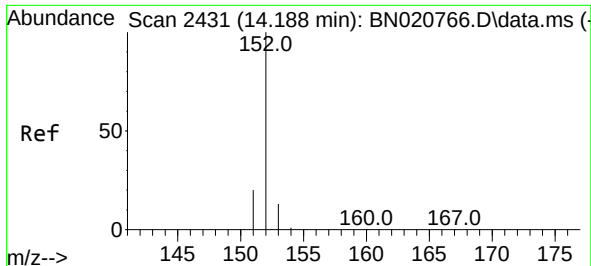
Tgt Ion:142 Resp: 7072
Ion Ratio Lower Upper
142 100
141 88.7 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. 0.005 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:142 Resp: 7512
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5

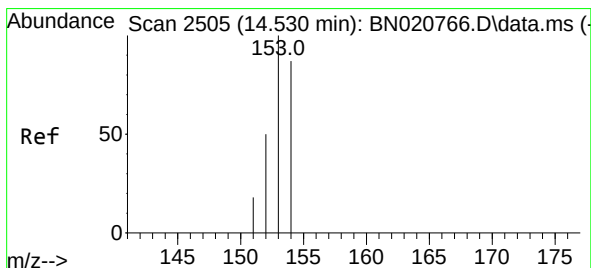
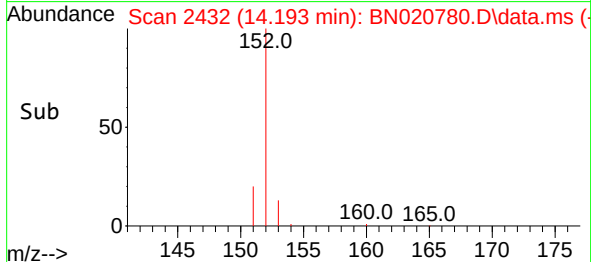
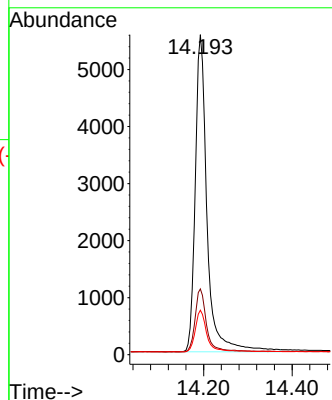
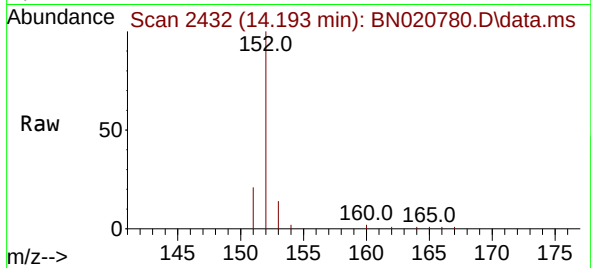




#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 14.193 min Scan# 2432
Delta R.T. 0.005 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

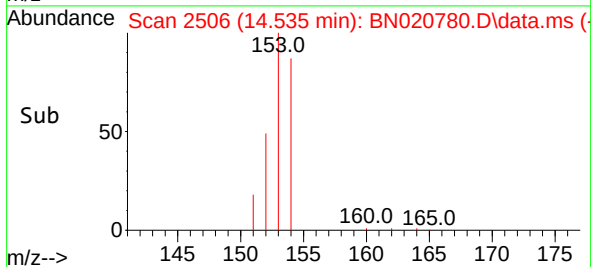
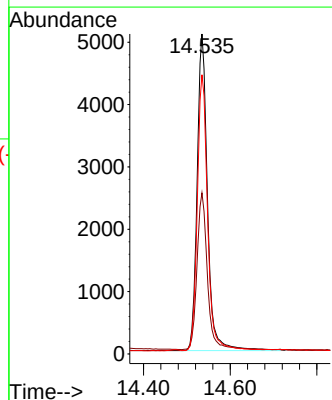
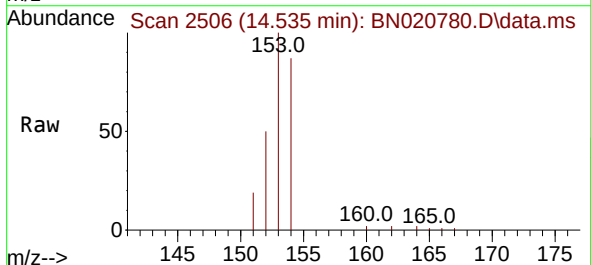
Instrument :
BNA_N
ClientSampleId :
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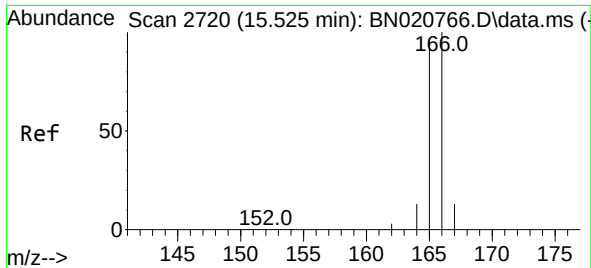
Tgt Ion:152 Resp: 10326
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.535 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:153 Resp: 8427
Ion Ratio Lower Upper
153 100
152 50.4 40.0 60.0
154 87.2 70.0 105.0

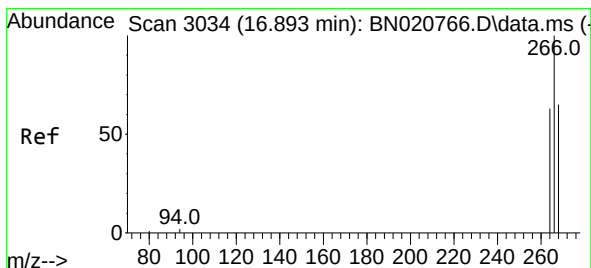
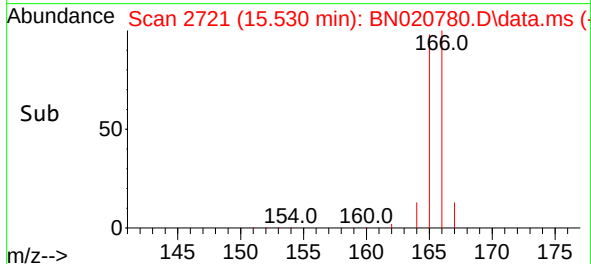
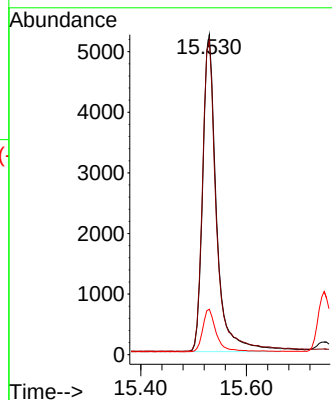
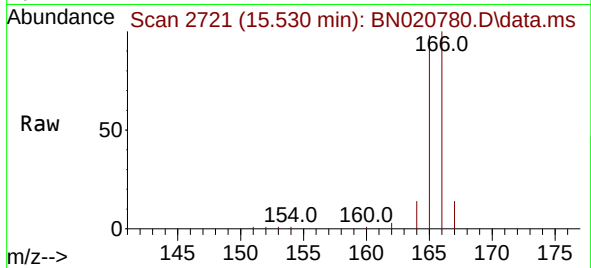




#12
Fluorene
Concen: 0.381 ng/ul
RT: 15.530 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

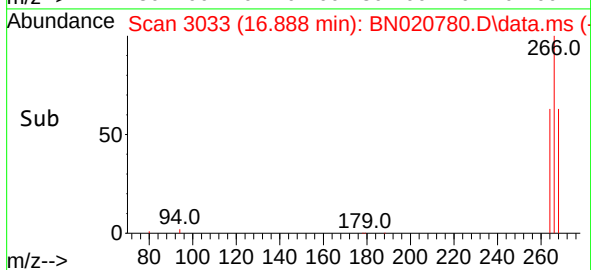
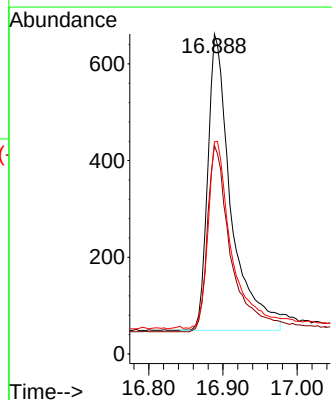
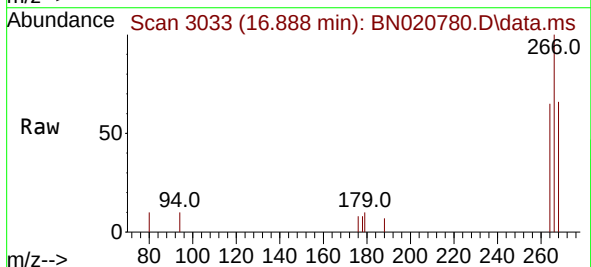
Instrument :
BNA_N
ClientSampleId :
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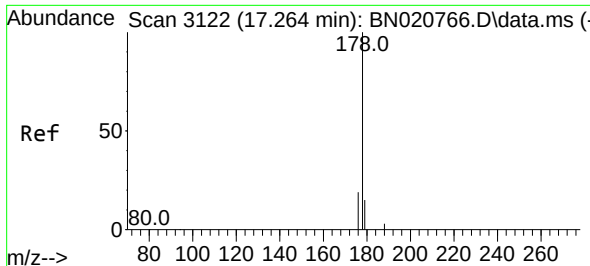
Tgt Ion:166 Resp: 9482
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 14.2 11.3 16.9



#14
Pentachlorophenol
Concen: 0.565 ng/ul
RT: 16.888 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:266 Resp: 1333
Ion Ratio Lower Upper
266 100
264 63.8 51.6 77.4
268 63.9 51.5 77.3

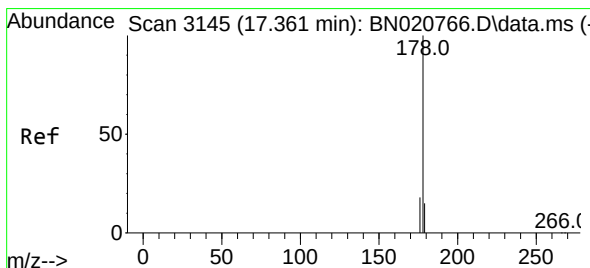
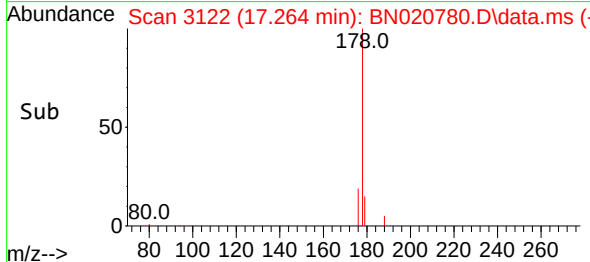
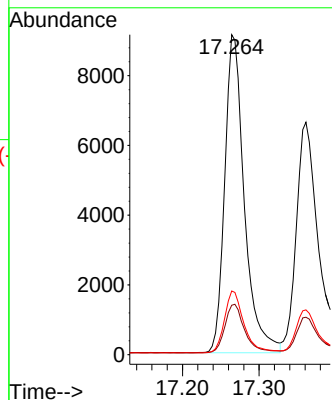
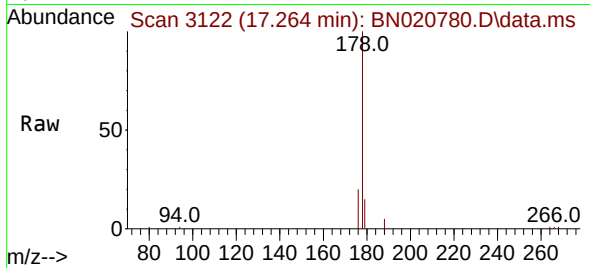




#15
Phenanthrene
Concen: 0.400 ng/ul
RT: 17.264 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

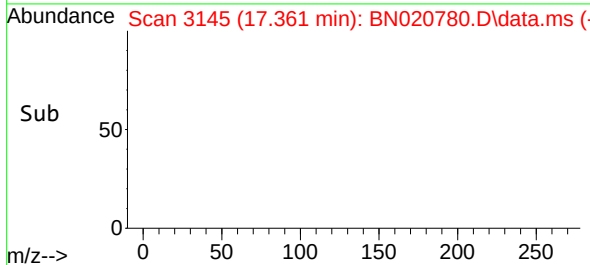
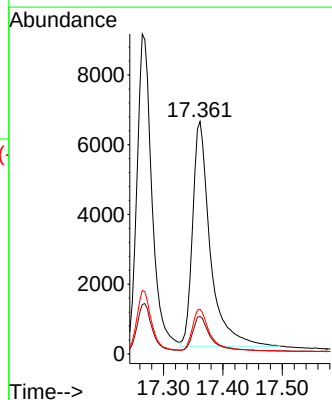
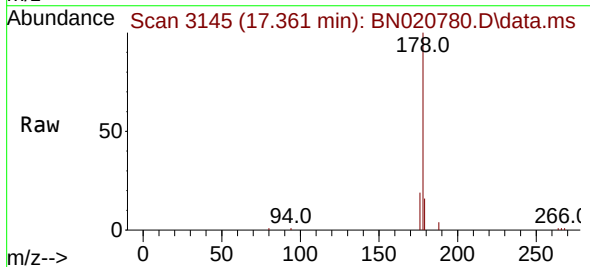
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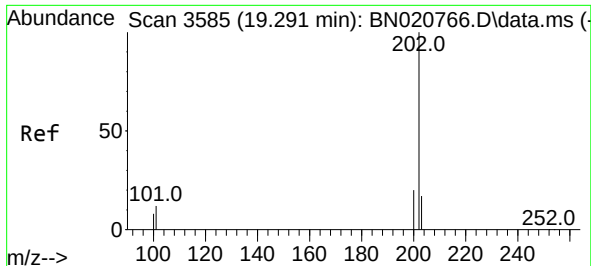
Tgt Ion:178	Resp:	16246
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.6 18.8
176	19.9	15.8 23.6



#16
Anthracene
Concen: 0.380 ng/ul
RT: 17.361 min Scan# 3145
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:178	Resp:	13347
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.8 19.2
176	19.3	15.2 22.8

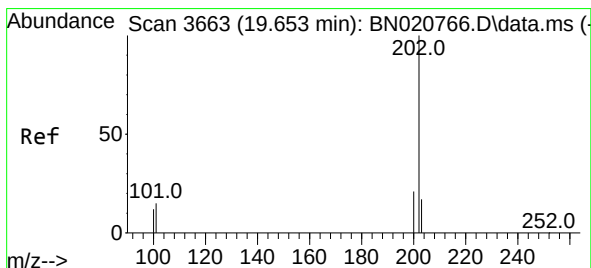
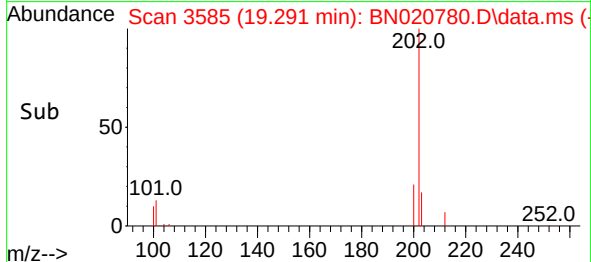
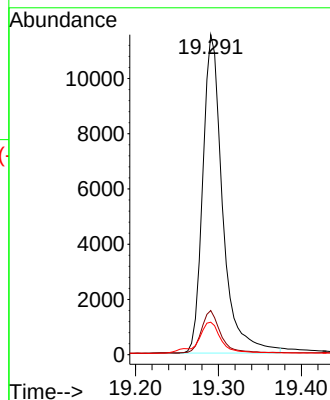
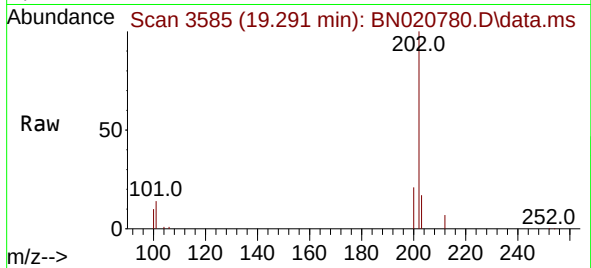




#19
Fluoranthene
Concen: 0.456 ng/ul
RT: 19.291 min Scan# 3585
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

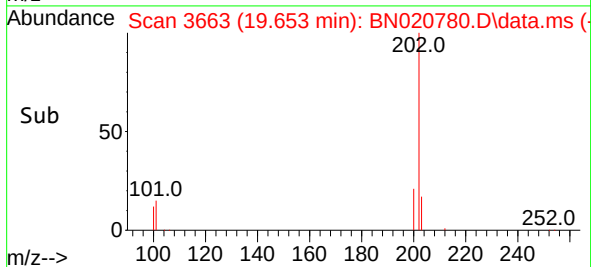
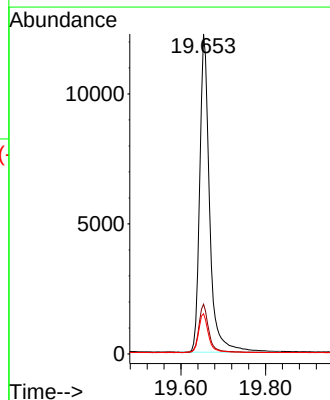
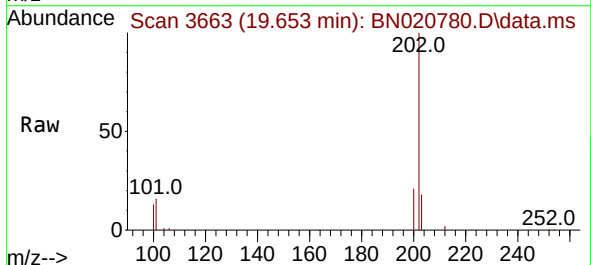
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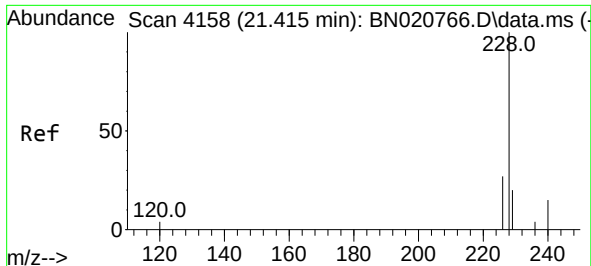
Tgt Ion:202 Resp: 19233
Ion Ratio Lower Upper
202 100
101 13.8 10.3 15.5
100 10.2 7.8 11.6



#20
Pyrene
Concen: 0.455 ng/ul
RT: 19.653 min Scan# 3663
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:202 Resp: 19872
Ion Ratio Lower Upper
202 100
101 15.5 11.6 17.4
100 12.6 9.2 13.8

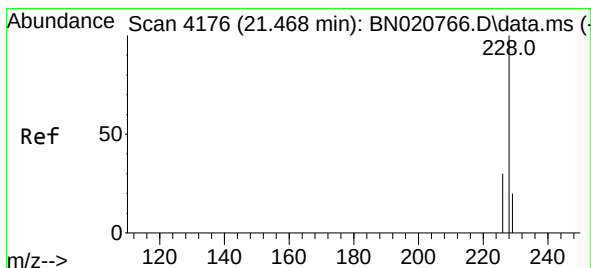
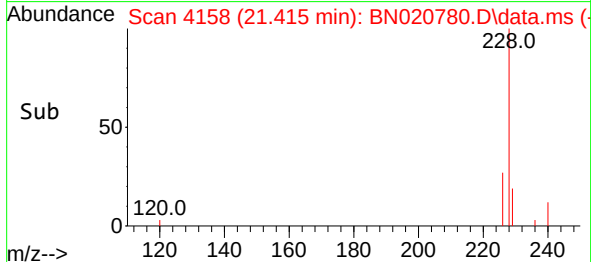
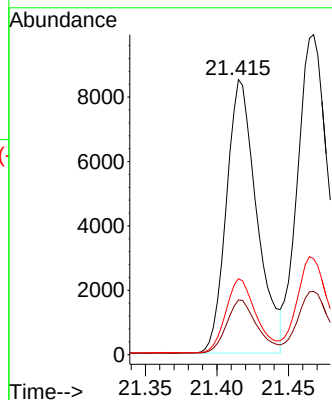
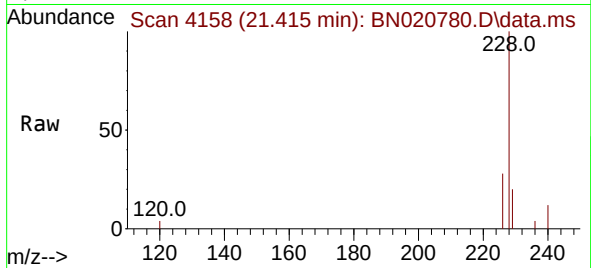




#21
Benzo(a)anthracene
Concen: 0.379 ng/ul
RT: 21.415 min Scan# 4158
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

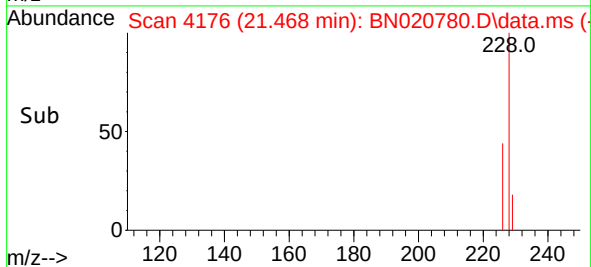
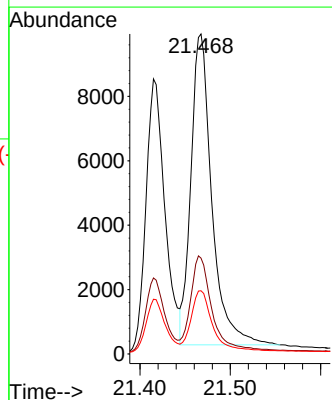
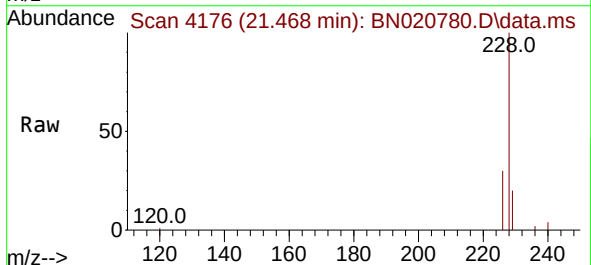
Instrument :
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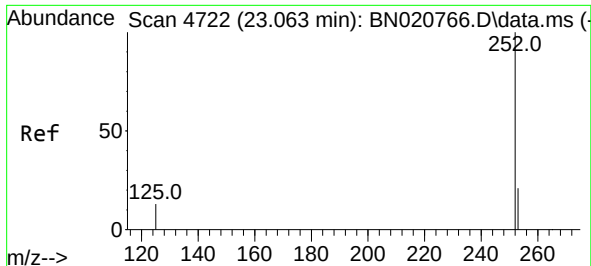
Tgt Ion:228 Resp: 12578
Ion Ratio Lower Upper
228 100
229 19.9 15.9 23.9
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.421 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:228 Resp: 15531
Ion Ratio Lower Upper
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226 29.9 23.9 35.9
229 19.8 15.8 23.8

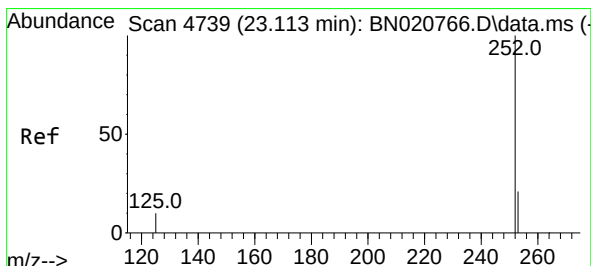
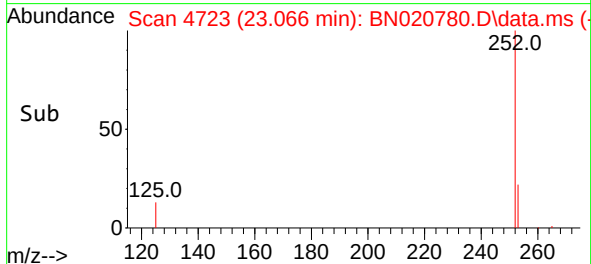
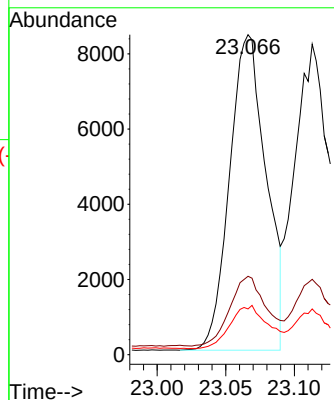
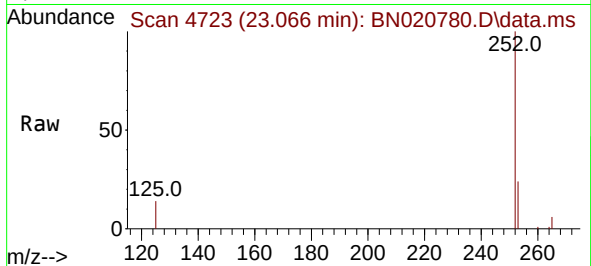




#24
Benzo(b)fluoranthene
Concen: 0.390 ng/ul
RT: 23.066 min Scan# 4722
Delta R.T. 0.003 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

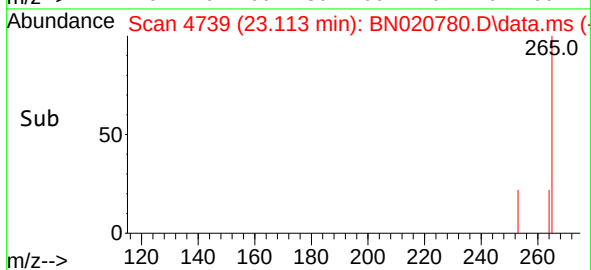
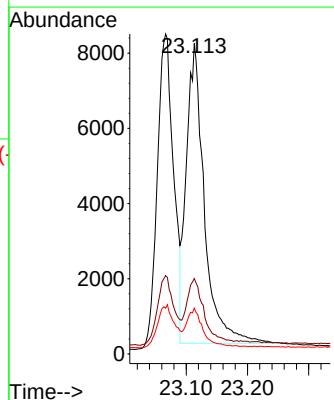
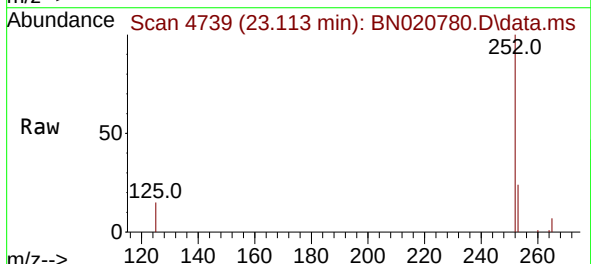
Instrument :
BNA_N
ClientSampleId :
SLCS295

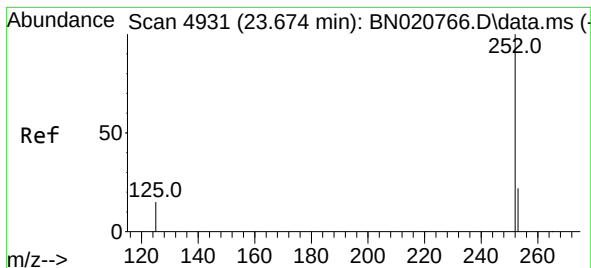
Tgt Ion:252	Resp:	15531
Ion Ratio	Lower	Upper
252	100	
253	24.5	0.0 48.6
125	14.3	0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.407 ng/ul
RT: 23.113 min Scan# 4739
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:252	Resp:	16366
Ion Ratio	Lower	Upper
252	100	
253	24.3	19.7 29.5
125	14.8	12.0 18.0





#26

Benzo(a)pyrene

Concen: 0.429 ng/ul

RT: 23.677 min Scan# 4931

Delta R.T. 0.003 min

Lab File: BN020780.D

Acq: 19 Jul 2022 18:23

Instrument :

BN020780.D

ClientSampleId :

SLCS295

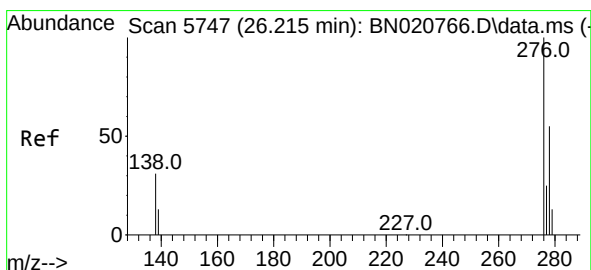
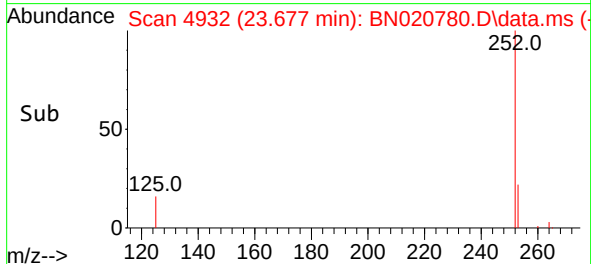
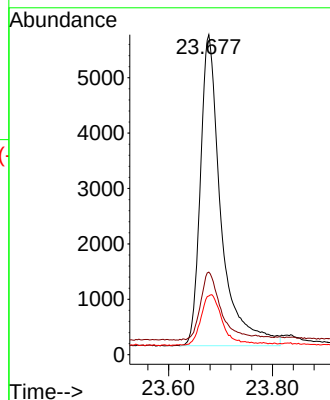
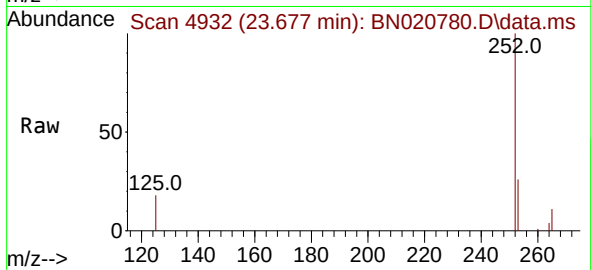
Tgt Ion:252 Resp: 15499

Ion Ratio Lower Upper

252 100

253 25.8 21.0 31.4

125 18.3 18.8 28.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.472 ng/ul

RT: 26.212 min Scan# 5746

Delta R.T. -0.003 min

Lab File: BN020780.D

Acq: 19 Jul 2022 18:23

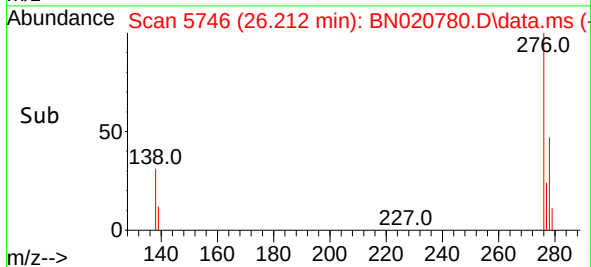
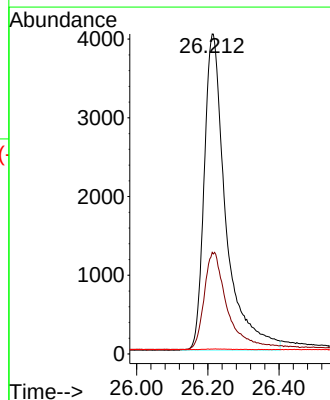
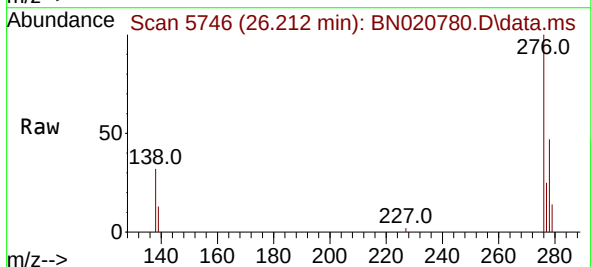
Tgt Ion:276 Resp: 16977

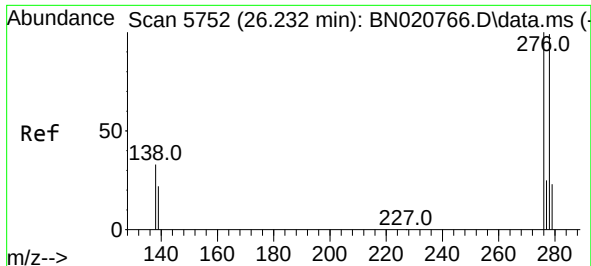
Ion Ratio Lower Upper

276 100

138 33.3 27.4 41.2

227 0.0 0.2 0.2#

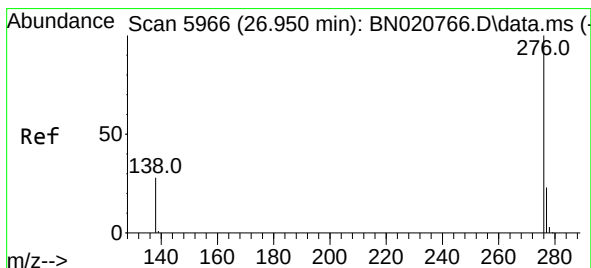
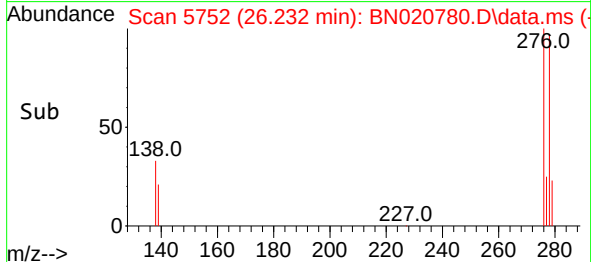
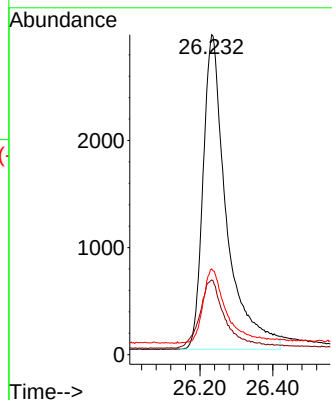
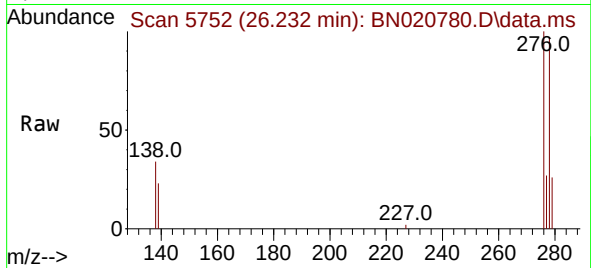




#28
Dibenzo(a,h)anthracene
Concen: 0.452 ng/ul
RT: 26.232 min Scan# 5752
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Instrument :
BNA_N
ClientSampleId :
SLCS295

Tgt Ion:278 Resp: 13136
Ion Ratio Lower Upper
278 100
139 23.4 18.8 28.2
279 26.8 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.490 ng/ul
RT: 26.950 min Scan# 5966
Delta R.T. -0.000 min
Lab File: BN020780.D
Acq: 19 Jul 2022 18:23

Tgt Ion:276 Resp: 15143
Ion Ratio Lower Upper
276 100
138 29.5 23.5 35.3
277 24.1 20.1 30.1

