

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
 Data File : BN025044.D
 Acq On : 20 Apr 2023 20:25
 Operator : CG/JU
 Sample : PB152218BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS218

Quant Time: Apr 21 04:27:17 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 04:13:07 2023
 Response via : Initial Calibration

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

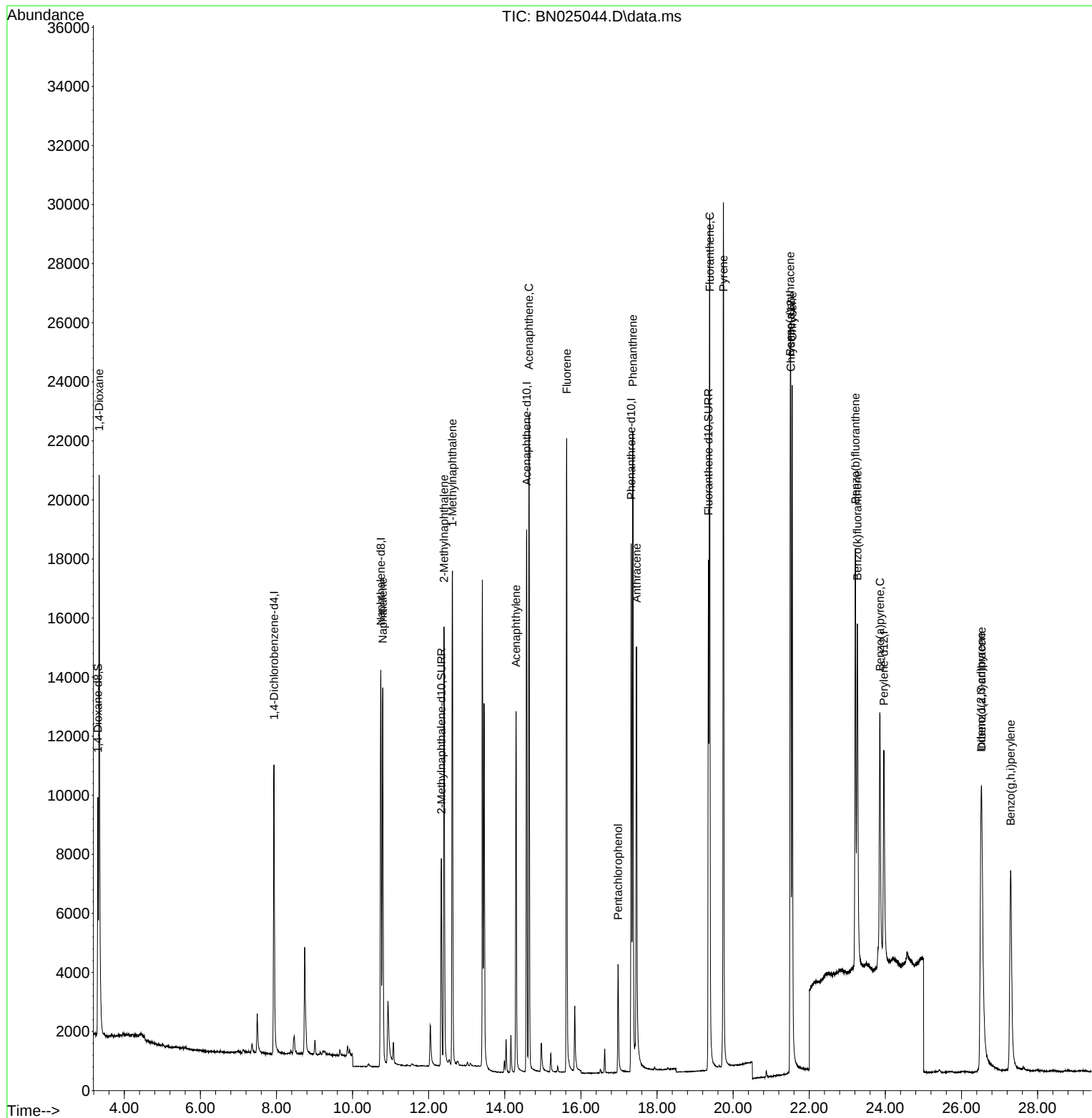
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	5900	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	18522	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	10315	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	22052	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	15299	0.400	ng/ul	0.00
23) Perylene-d12	23.961	264	11788	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	5010	0.820	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	9670	0.407	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	20396	0.506	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	12661	1.924	ng/ul#	87
5) Naphthalene	10.792	128	18507	0.390	ng/ul	99
7) 2-Methylnaphthalene	12.403	142	11373	0.391	ng/ul	99
8) 1-Methylnaphthalene	12.623	142	12156	0.392	ng/ul	100
10) Acenaphthylene	14.297	152	15096	0.393	ng/ul	100
11) Acenaphthene	14.635	153	13186	0.407	ng/ul	99
12) Fluorene	15.625	166	14548	0.402	ng/ul	99
14) Pentachlorophenol	16.975	266	2800	0.647	ng/ul	99
15) Phenanthrene	17.364	178	24185	0.389	ng/ul	100
16) Anthracene	17.461	178	19137	0.376	ng/ul	99
19) Fluoranthene	19.382	202	26683	0.482	ng/ul	99
20) Pyrene	19.744	202	27049	0.476	ng/ul	100
21) Benzo(a)anthracene	21.500	228	19233	0.417	ng/ul	99
22) Chrysene	21.552	228	22303	0.443	ng/ul	100
24) Benzo(b)fluoranthene	23.212	252	20152	0.421	ng/ul	99
25) Benzo(k)fluoranthene	23.262	252	19499	0.424	ng/ul	96
26) Benzo(a)pyrene	23.859	252	15644	0.395	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.514	276	18648	0.409	ng/ul	99
28) Dibenzo(a,h)anthracene	26.531	278	14293	0.401	ng/ul	98
29) Benzo(g,h,i)perylene	27.292	276	17185	0.443	ng/ul	99

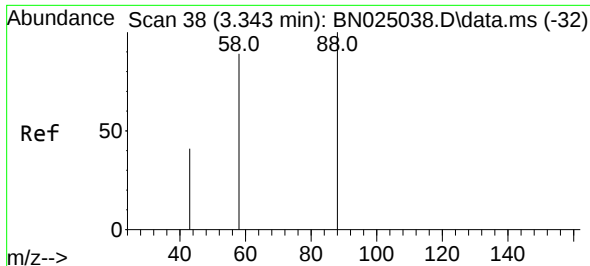
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.924 ng/ul

RT: 3.339 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN025044.D

Acq: 20 Apr 2023 20:25

Instrument :

BNA_N

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SLCS218

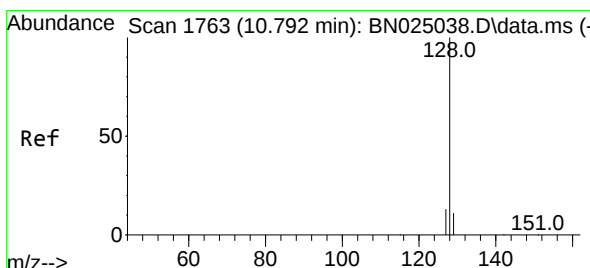
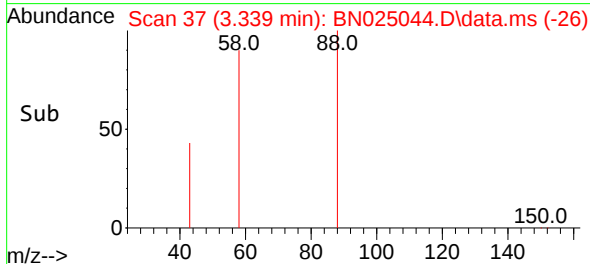
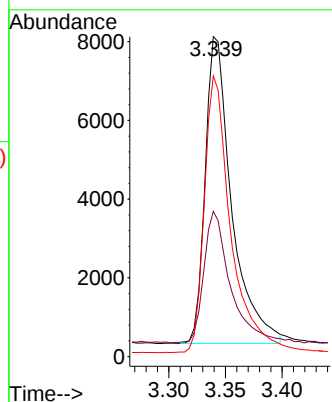
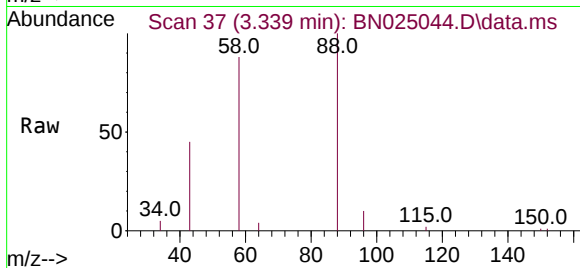
Tgt Ion: 88 Resp: 12661

Ion Ratio Lower Upper

88 100

43 45.4 37.0 55.4

58 87.7 56.9 85.3#



#5

Naphthalene

Concen: 0.390 ng/ul

RT: 10.792 min Scan# 1763

Delta R.T. 0.000 min

Lab File: BN025044.D

Acq: 20 Apr 2023 20:25

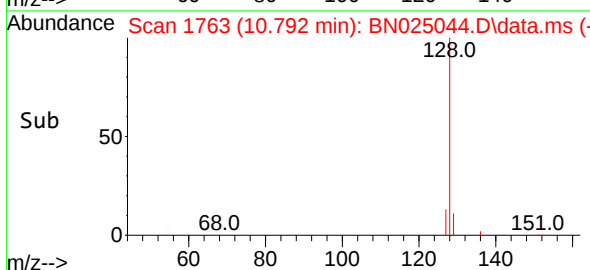
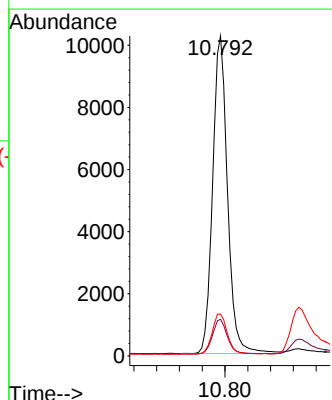
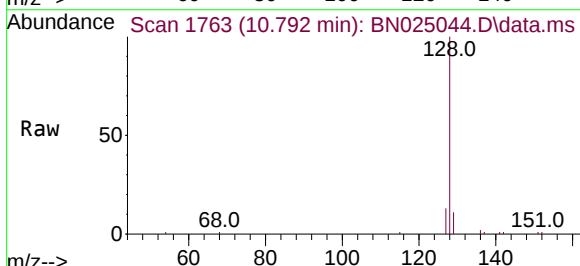
Tgt Ion:128 Resp: 18507

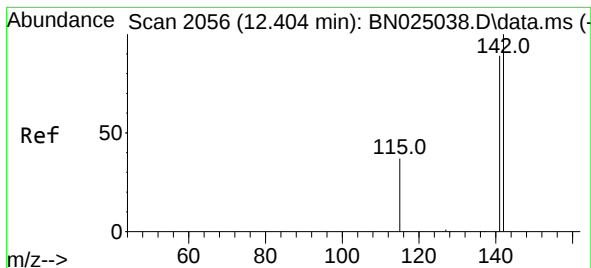
Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

127 13.0 10.7 16.1

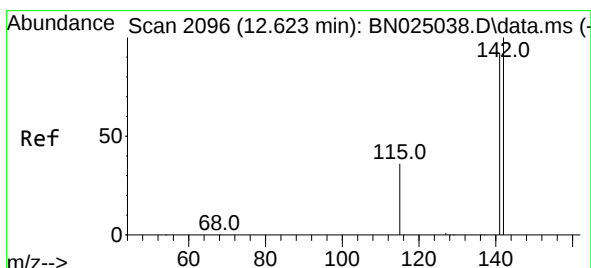
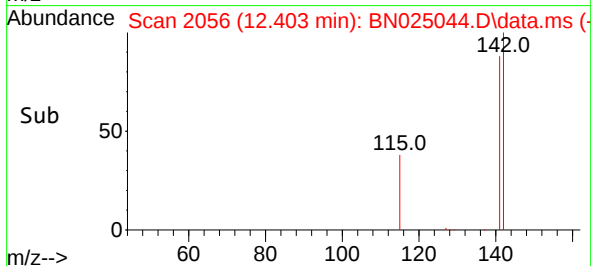
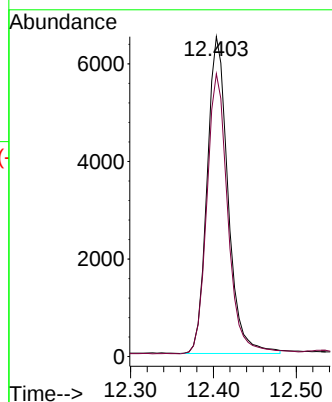
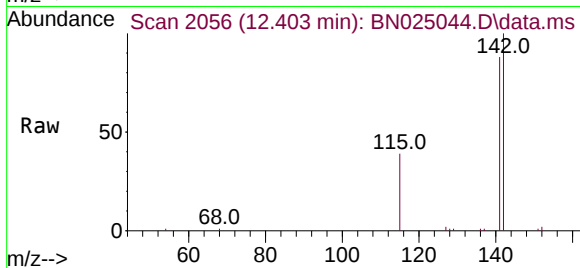




#7
2-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025044.D
Acq: 20 Apr 2023 20:25

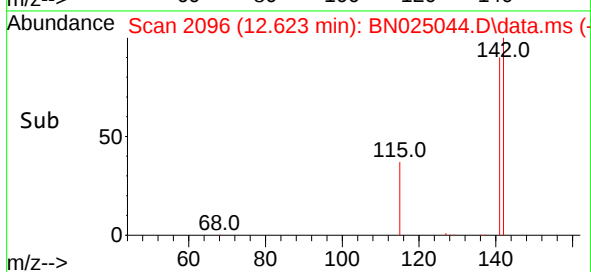
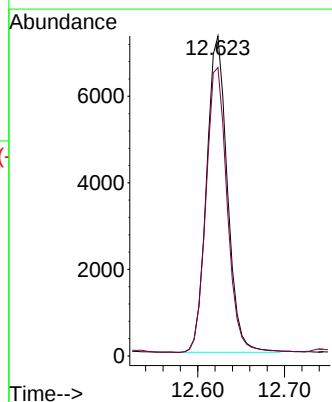
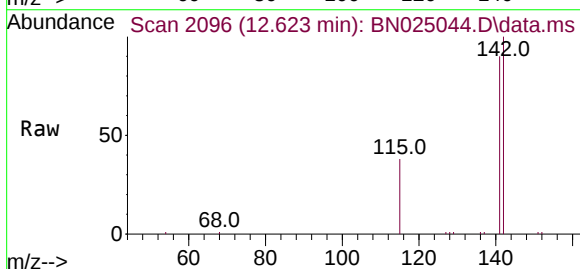
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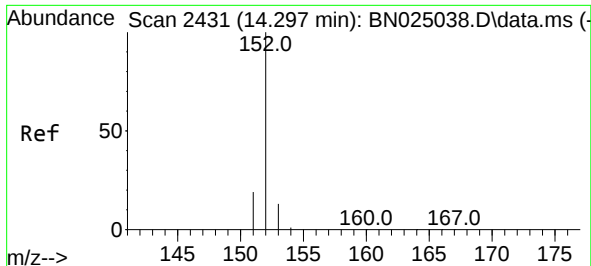
Tgt Ion:142 Resp: 11373
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN025044.D
Acq: 20 Apr 2023 20:25

Tgt Ion:142 Resp: 12156
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6

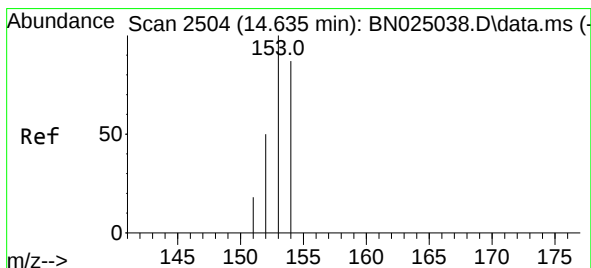
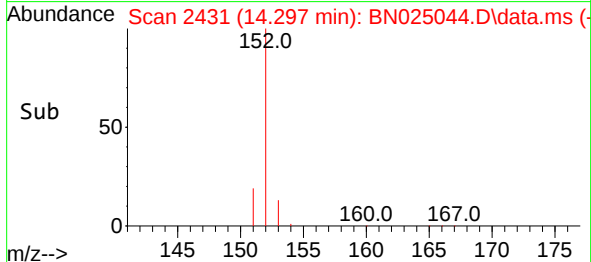
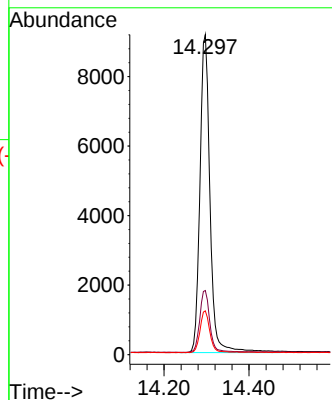
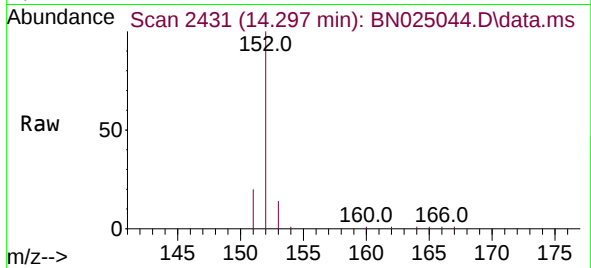




#10
Acenaphthylene
Concen: 0.393 ng/ul
RT: 14.297 min Scan# 2431
Delta R.T. 0.004 min
Lab File: BN025044.D
Acq: 20 Apr 2023 20:25

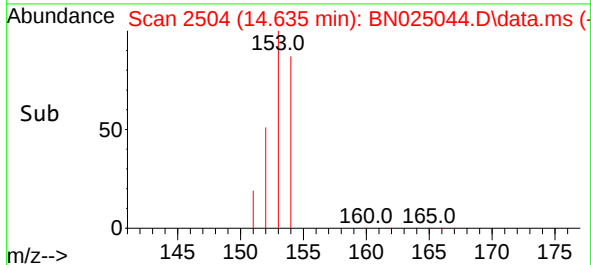
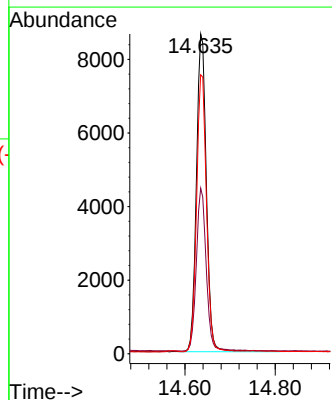
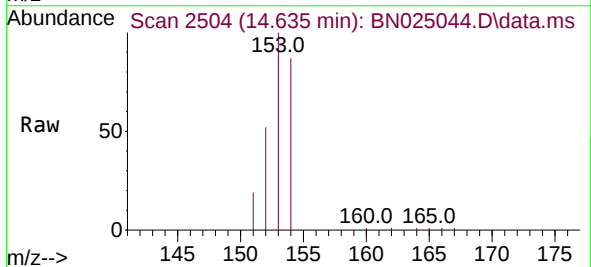
Instrument :
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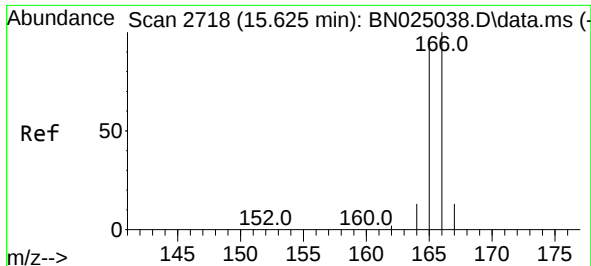
Tgt Ion:152 Resp: 15096
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.7 10.8 16.2



#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.635 min Scan# 2504
Delta R.T. -0.001 min
Lab File: BN025044.D
Acq: 20 Apr 2023 20:25

Tgt Ion:153 Resp: 13186
Ion Ratio Lower Upper
153 100
152 51.8 40.2 60.4
154 87.2 69.4 104.2

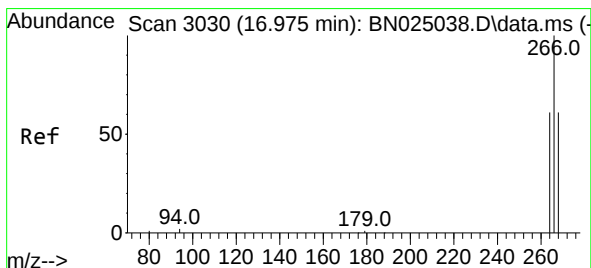
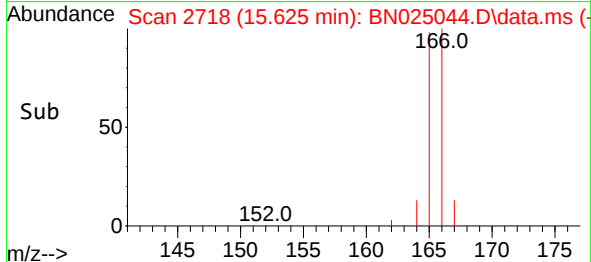
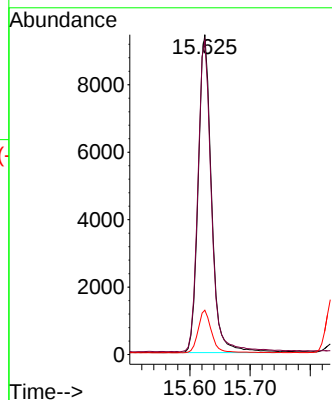
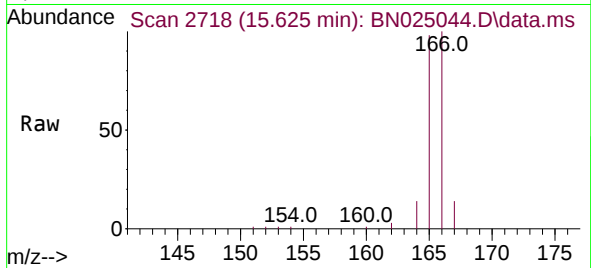




#12
Fluorene
Concen: 0.402 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. -0.001 min
Lab File: BN025044.D
Acq: 20 Apr 2023 20:25

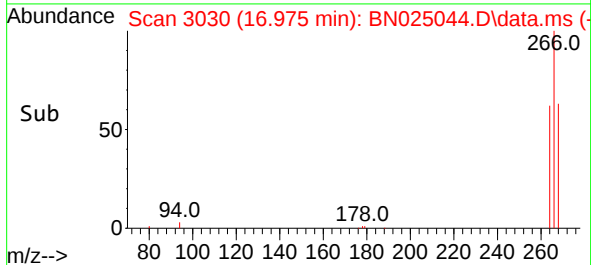
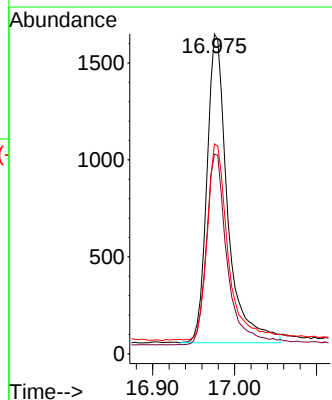
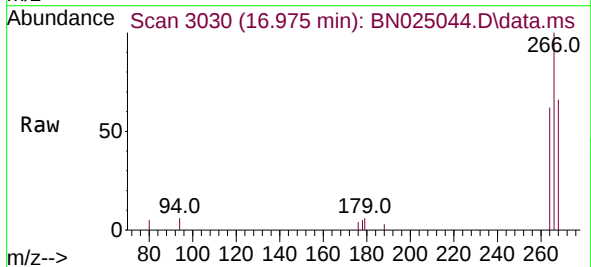
Instrument :
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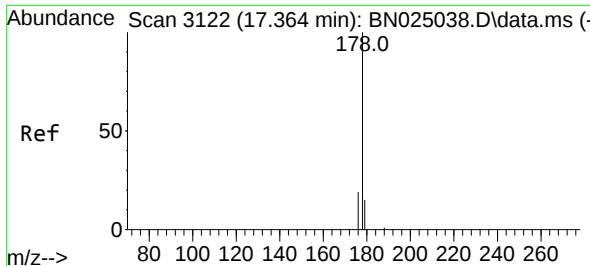
Tgt Ion:166 Resp: 14548
Ion Ratio Lower Upper
166 100
165 98.2 78.1 117.1
167 13.9 11.0 16.6



#14
Pentachlorophenol
Concen: 0.647 ng/ul
RT: 16.975 min Scan# 3030
Delta R.T. -0.001 min
Lab File: BN025044.D
Acq: 20 Apr 2023 20:25

Tgt Ion:266 Resp: 2800
Ion Ratio Lower Upper
266 100
264 62.7 49.6 74.4
268 64.3 51.3 76.9

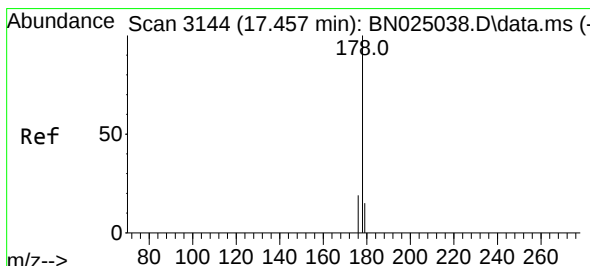
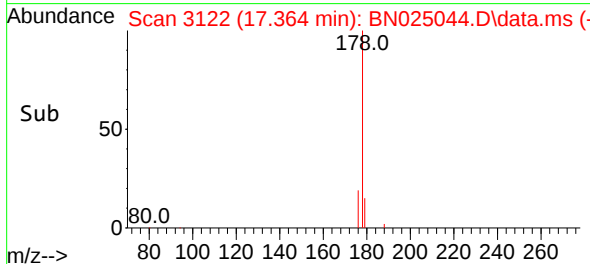
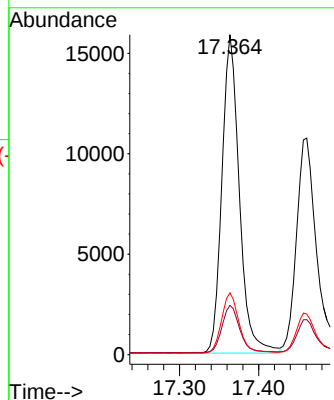
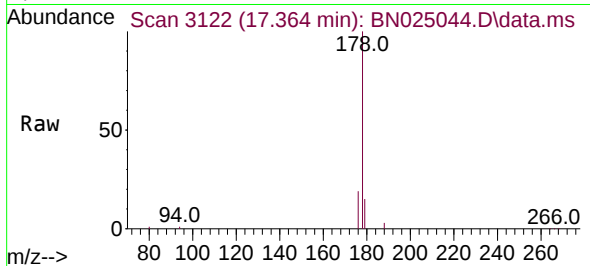




#15
Phenanthrene
Concen: 0.389 ng/ul
RT: 17.364 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BN025044.D
Acq: 20 Apr 2023 20:25

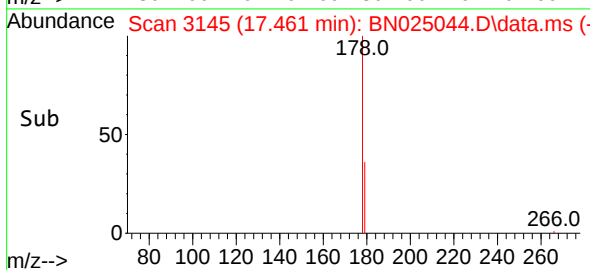
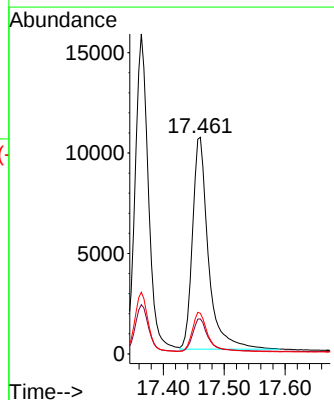
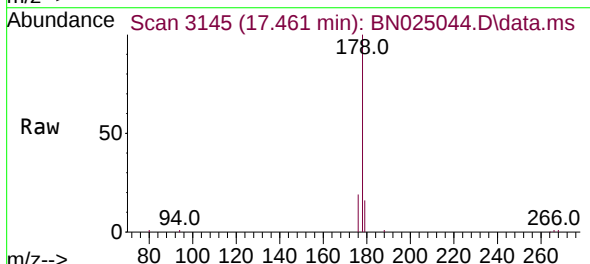
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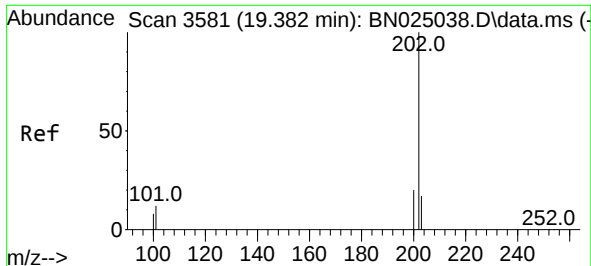
Tgt Ion:178 Resp: 24185
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.3 15.6 23.4



#16
Anthracene
Concen: 0.376 ng/ul
RT: 17.461 min Scan# 3145
Delta R.T. 0.003 min
Lab File: BN025044.D
Acq: 20 Apr 2023 20:25

Tgt Ion:178 Resp: 19137
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 18.7 15.3 22.9





#19

Fluoranthene

Concen: 0.482 ng/ul

RT: 19.382 min Scan# 3581

Delta R.T. -0.000 min

Lab File: BN025044.D

Acq: 20 Apr 2023 20:25

Instrument :

BNA_N

ClientSampleId :

SLCS218

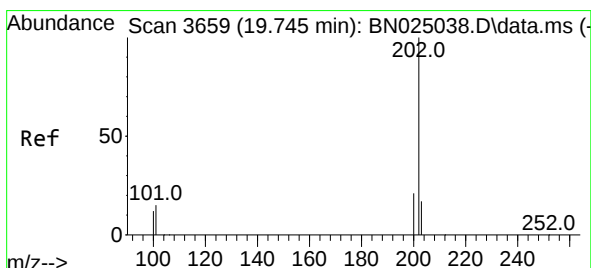
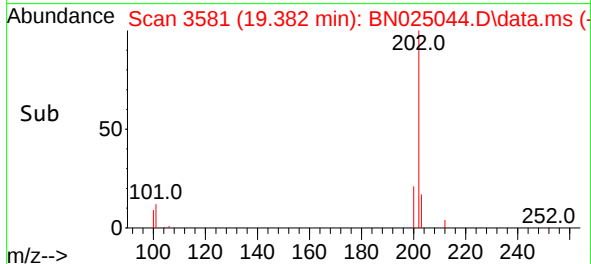
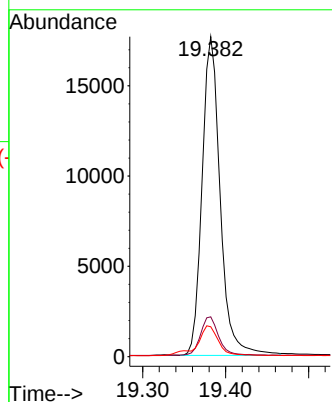
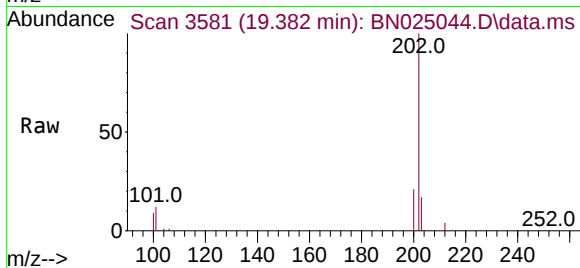
Tgt Ion:202 Resp: 26683

Ion Ratio Lower Upper

202 100

101 12.4 9.7 14.5

100 9.3 7.3 10.9



#20

Pyrene

Concen: 0.476 ng/ul

RT: 19.744 min Scan# 3659

Delta R.T. -0.000 min

Lab File: BN025044.D

Acq: 20 Apr 2023 20:25

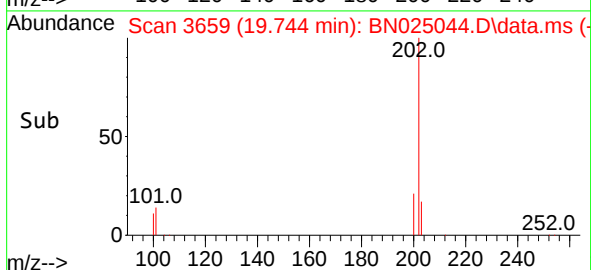
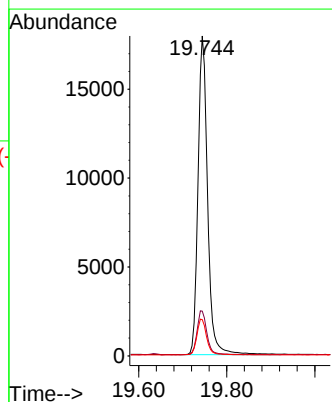
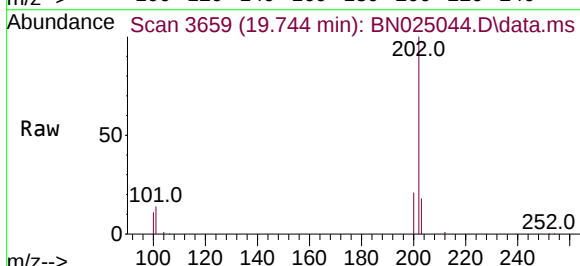
Tgt Ion:202 Resp: 27049

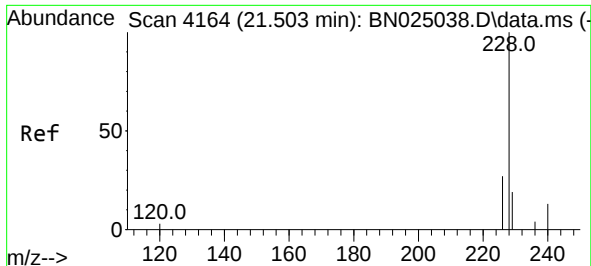
Ion Ratio Lower Upper

202 100

101 14.0 11.3 16.9

100 11.4 9.2 13.8

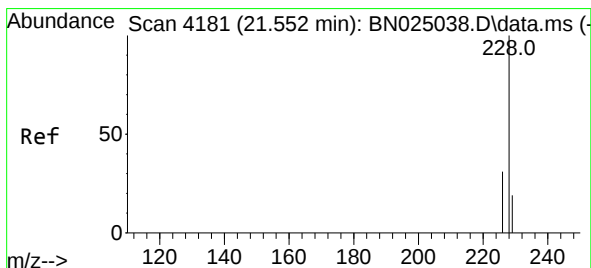
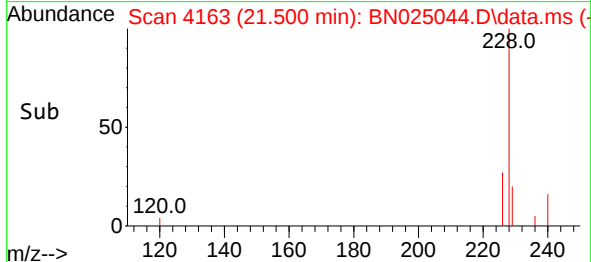
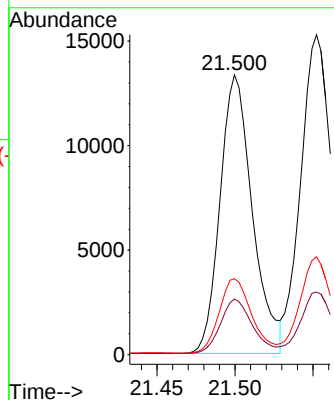
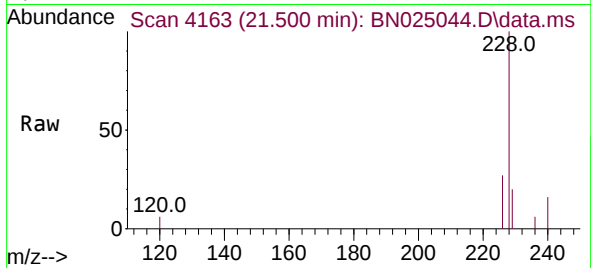




#21
Benzo(a)anthracene
Concen: 0.417 ng/ul
RT: 21.500 min Scan# 4163
Delta R.T. -0.000 min
Lab File: BN025044.D
Acq: 20 Apr 2023 20:25

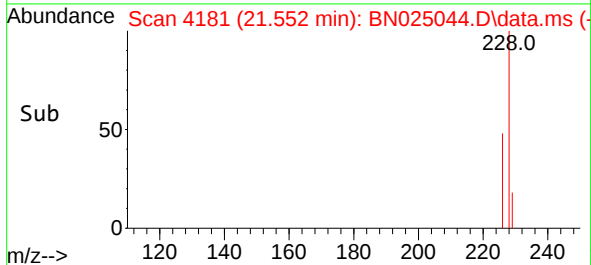
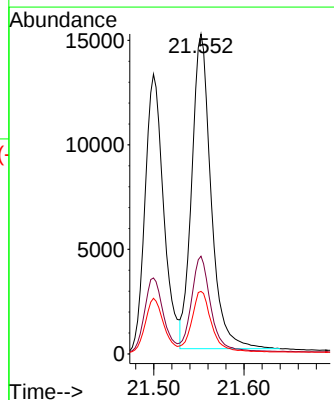
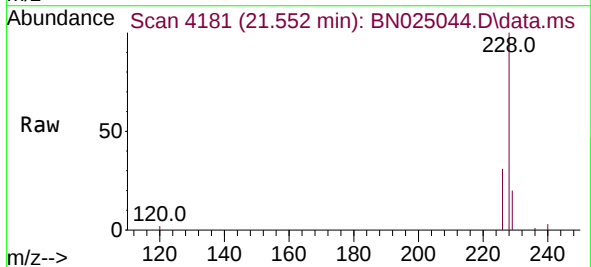
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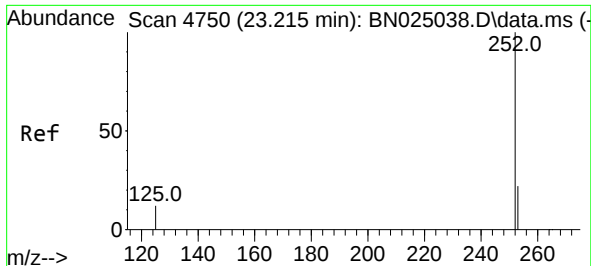
Tgt Ion:228 Resp: 19233
Ion Ratio Lower Upper
228 100
229 19.9 15.6 23.4
226 27.2 22.1 33.1



#22
Chrysene
Concen: 0.443 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. -0.000 min
Lab File: BN025044.D
Acq: 20 Apr 2023 20:25

Tgt Ion:228 Resp: 22303
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 19.5 15.8 23.6

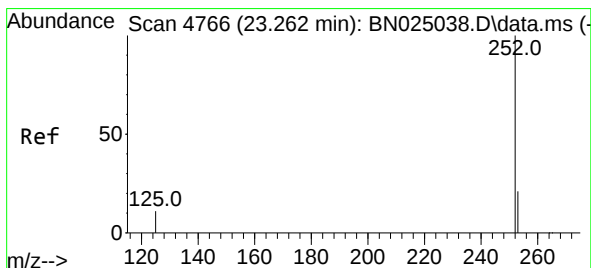
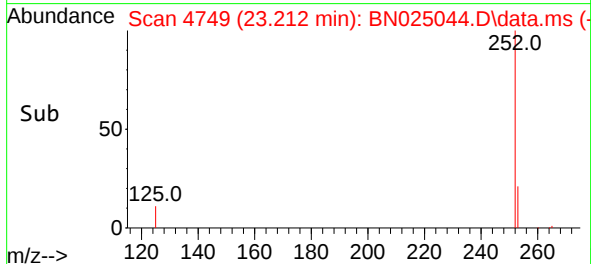
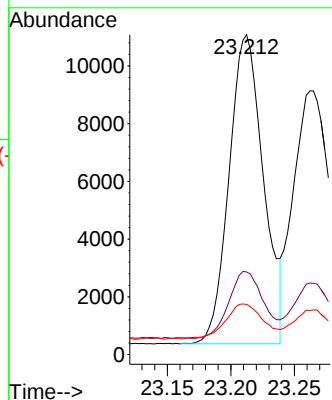
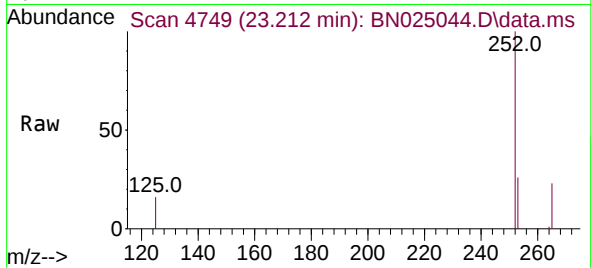




#24
Benzo(b)fluoranthene
Concen: 0.421 ng/ul
RT: 23.212 min Scan# 4750
Delta R.T. -0.000 min
Lab File: BN025044.D
Acq: 20 Apr 2023 20:25

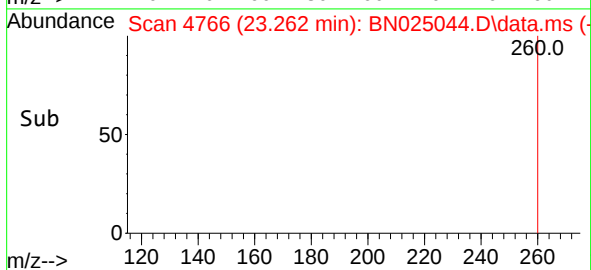
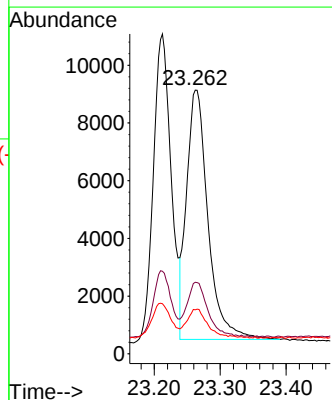
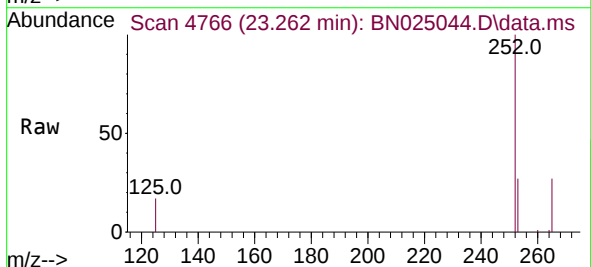
Instrument :
BNA_N
ClientSampleId :
SLCS218

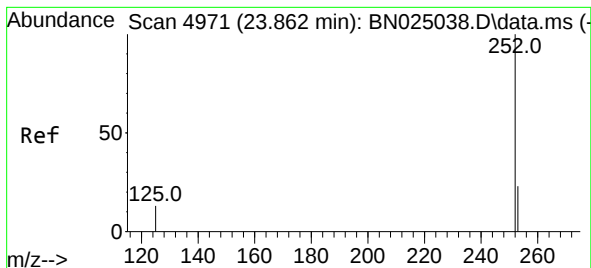
Tgt Ion:252 Resp: 20152
Ion Ratio Lower Upper
252 100
253 25.8 0.0 50.2
125 15.7 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.424 ng/ul
RT: 23.262 min Scan# 4766
Delta R.T. -0.000 min
Lab File: BN025044.D
Acq: 20 Apr 2023 20:25

Tgt Ion:252 Resp: 19499
Ion Ratio Lower Upper
252 100
253 27.1 20.2 30.4
125 16.7 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.395 ng/ul

RT: 23.859 min Scan# 4971

Delta R.T. 0.003 min

Lab File: BN025044.D

Acq: 20 Apr 2023 20:25

Instrument :

BNA_N

ClientSampleId :

SLCS218

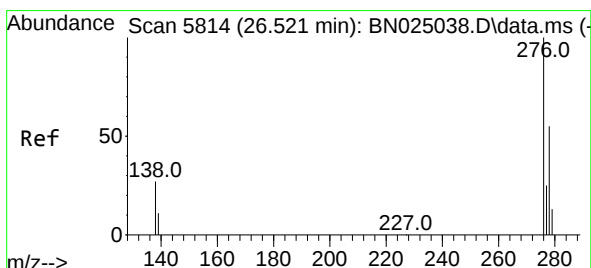
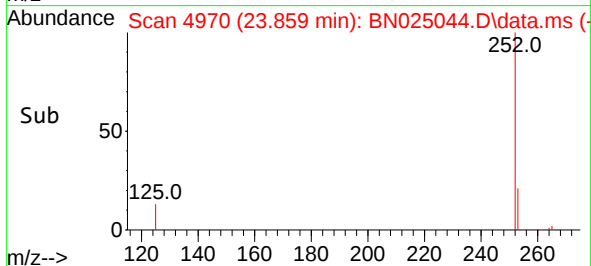
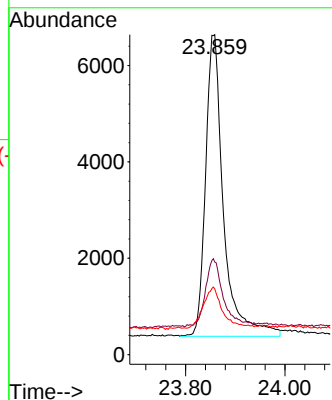
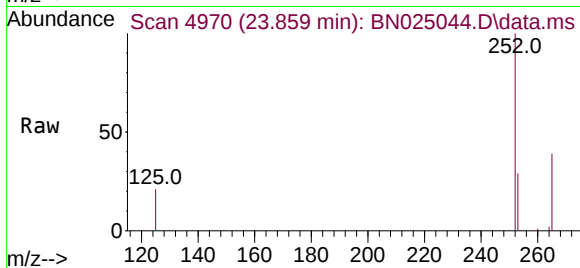
Tgt Ion:252 Resp: 15644

Ion Ratio Lower Upper

252 100

253 28.9 21.4 32.2

125 20.5 14.6 22.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.409 ng/ul

RT: 26.514 min Scan# 5812

Delta R.T. 0.003 min

Lab File: BN025044.D

Acq: 20 Apr 2023 20:25

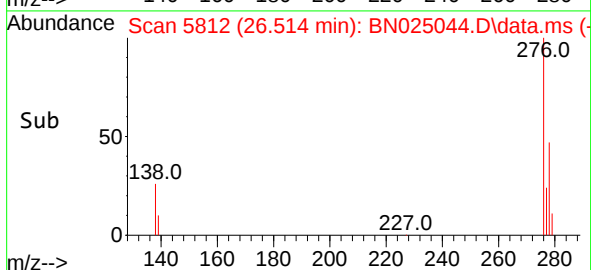
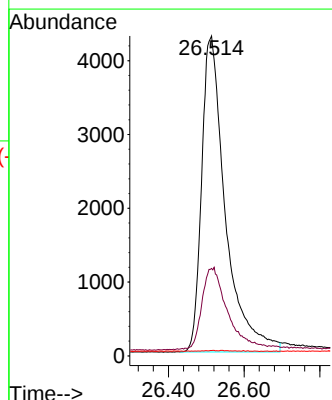
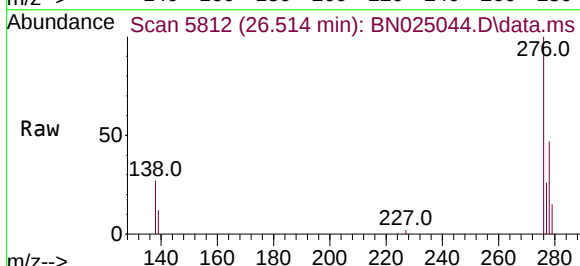
Tgt Ion:276 Resp: 18648

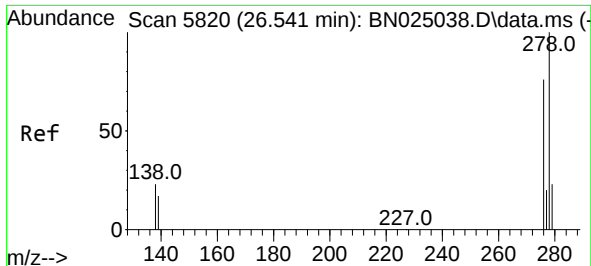
Ion Ratio Lower Upper

276 100

138 27.8 21.9 32.9

227 0.1 0.1 0.1

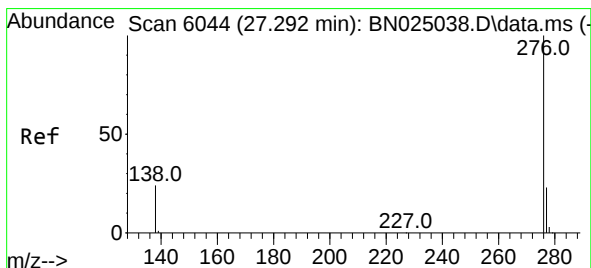
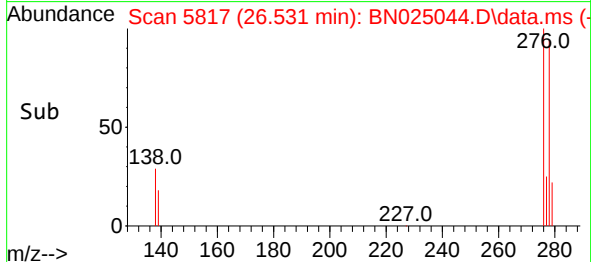
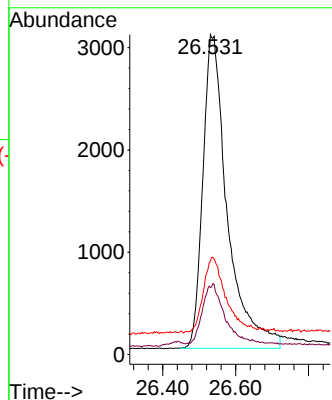
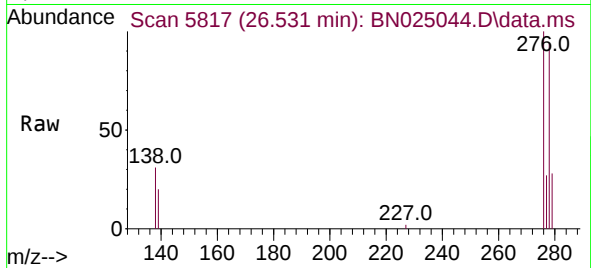




#28
Dibenzo(a,h)anthracene
Concen: 0.401 ng/ul
RT: 26.531 min Scan# 5817
Delta R.T. -0.007 min
Lab File: BN025044.D
Acq: 20 Apr 2023 20:25

Instrument :
BNA_N
ClientSampleId :
SLCS218

Tgt Ion:278 Resp: 14293
Ion Ratio Lower Upper
278 100
139 21.0 17.0 25.6
279 29.2 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.443 ng/ul
RT: 27.292 min Scan# 6044
Delta R.T. -0.000 min
Lab File: BN025044.D
Acq: 20 Apr 2023 20:25

Tgt Ion:276 Resp: 17185
Ion Ratio Lower Upper
276 100
138 25.7 20.3 30.5
277 25.2 19.8 29.6

