

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072222\
 Data File : BN020818.D
 Acq On : 22 Jul 2022 13:41
 Operator : CG/JU
 Sample : PB146367BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS367

Quant Time: Jul 22 23:35:43 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)

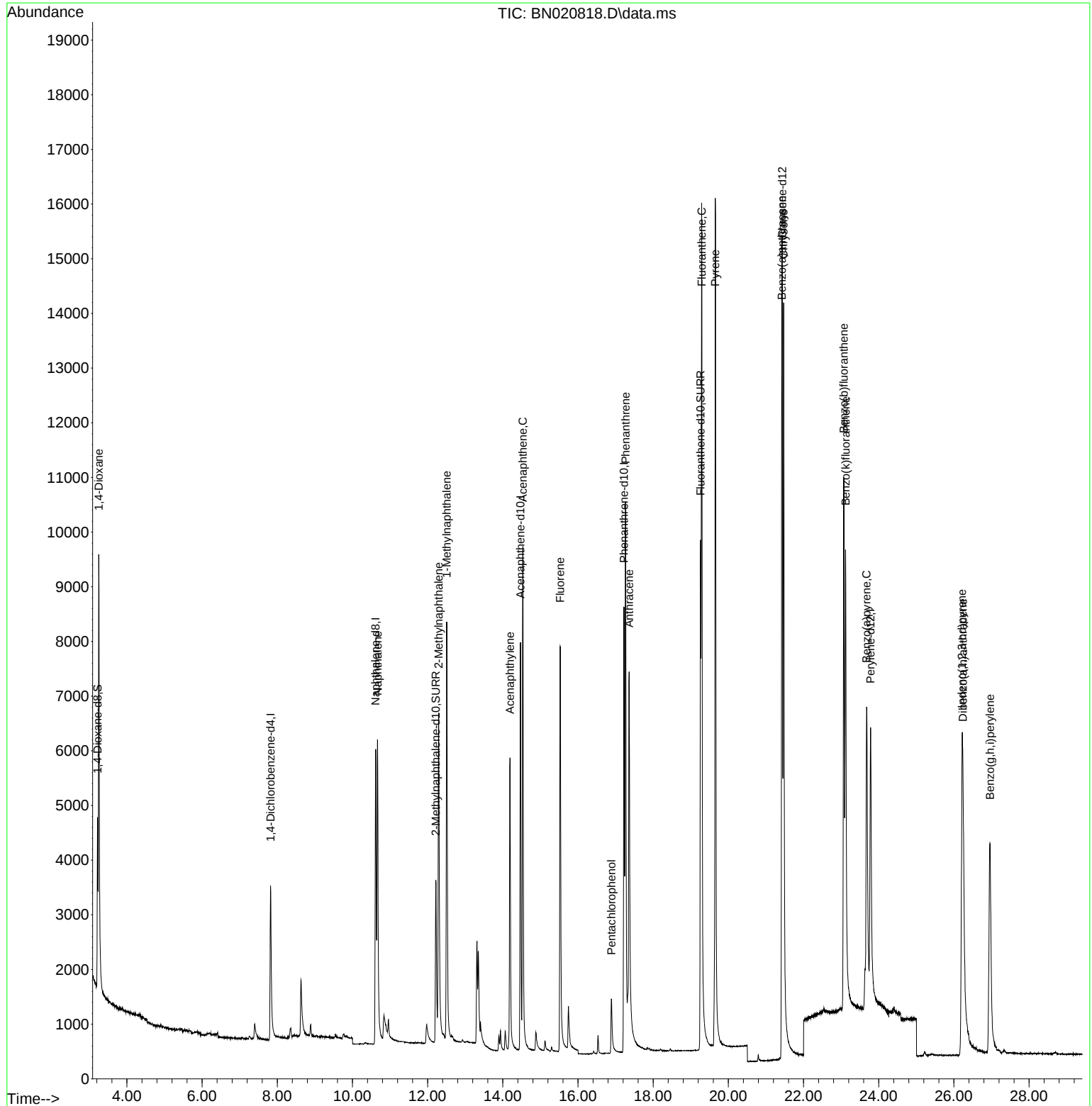
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	2136	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	8986	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	4718	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	11222	0.400	ng/ul	0.00
17) Chrysene-d12	21.434	240	10141	0.400	ng/ul	0.00
23) Perylene-d12	23.784	264	8133	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	2087	0.843	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.218	152	5010	0.340	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	12145	0.363	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	5178	2.049	ng/ul#	85
5) Naphthalene	10.667	128	9220	0.332	ng/ul	100
7) 2-Methylnaphthalene	12.295	142	5732	0.309	ng/ul	99
8) 1-Methylnaphthalene	12.509	142	6232	0.354	ng/ul	100
10) Acenaphthylene	14.192	152	7607	0.340	ng/ul	100
11) Acenaphthene	14.534	153	6170	0.345	ng/ul	99
12) Fluorene	15.529	166	6266	0.295	ng/ul	98
14) Pentachlorophenol	16.888	266	1028	0.454	ng/ul	100
15) Phenanthrene	17.268	178	13250	0.340	ng/ul	99
16) Anthracene	17.361	178	10566	0.314	ng/ul	99
19) Fluoranthene	19.290	202	15382	0.332	ng/ul	98
20) Pyrene	19.653	202	16036	0.334	ng/ul	96
21) Benzo(a)anthracene	21.422	228	11160	0.306	ng/ul	100
22) Chrysene	21.472	228	14282	0.352	ng/ul	99
24) Benzo(b)fluoranthene	23.070	252	13432	0.357	ng/ul	98
25) Benzo(k)fluoranthene	23.117	252	13594	0.358	ng/ul	99
26) Benzo(a)pyrene	23.678	252	11607	0.339	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.216	276	11010	0.323	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.240	278	8477	0.308	ng/ul	97
29) Benzo(g,h,i)perylene	26.961	276	10158	0.348	ng/ul	100

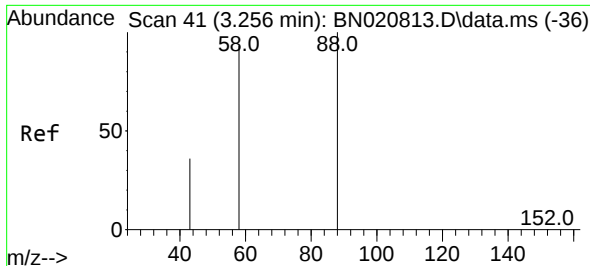
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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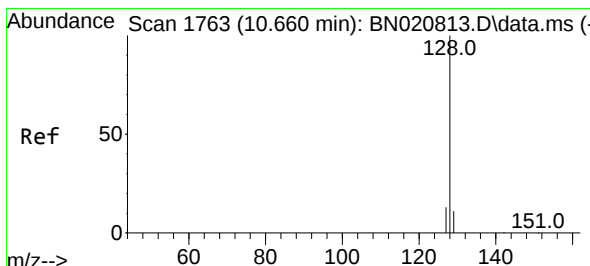
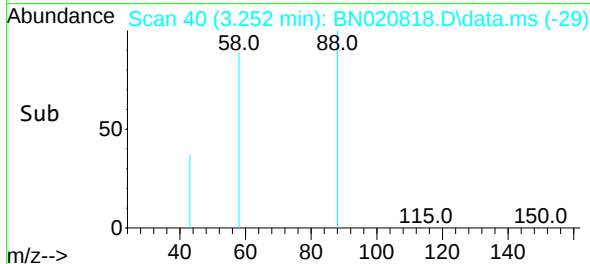
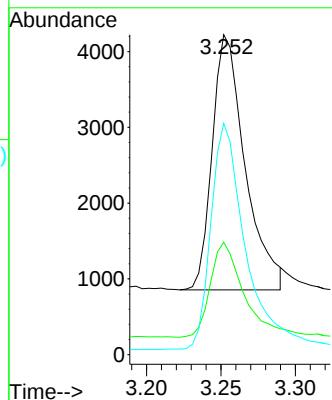
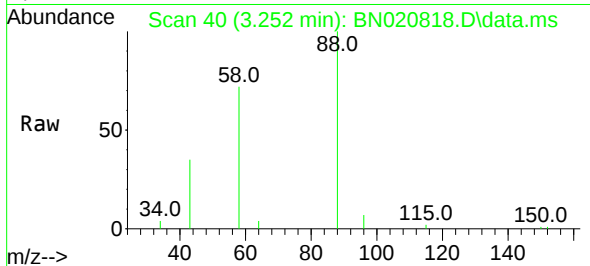




#2
 1,4-Dioxane
 Concen: 2.049 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020818.D
 Acq: 22 Jul 2022 13:41

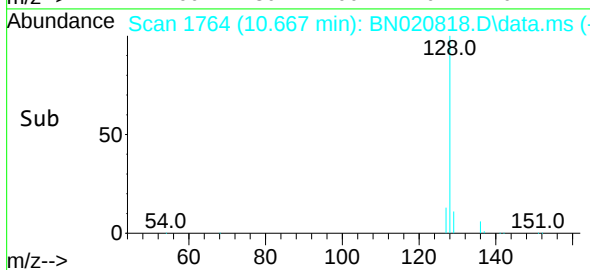
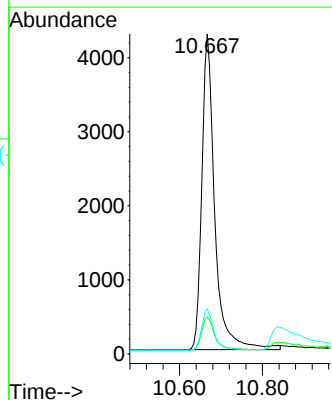
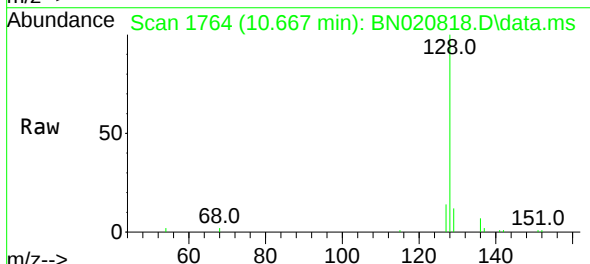
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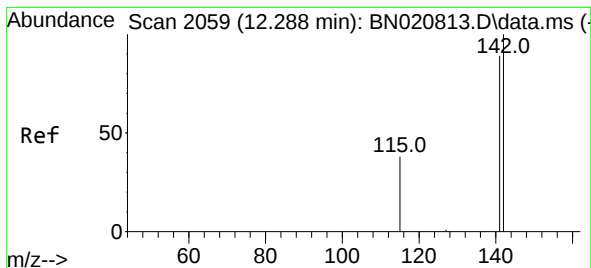
Tgt Ion: 88 Resp: 5178
 Ion Ratio Lower Upper
 88 100
 43 35.2 32.5 48.7
 58 72.3 46.2 69.2#



#5
 Naphthalene
 Concen: 0.332 ng/ul
 RT: 10.667 min Scan# 1764
 Delta R.T. 0.000 min
 Lab File: BN020818.D
 Acq: 22 Jul 2022 13:41

Tgt Ion: 128 Resp: 9220
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.5 14.3
 127 14.1 11.3 16.9





#7

2-Methylnaphthalene

Concen: 0.309 ng/ul

RT: 12.295 min Scan# 2059

Delta R.T. 0.000 min

Lab File: BN020818.D

Acq: 22 Jul 2022 13:41

Instrument :

BNA_N

ClientSampleId :

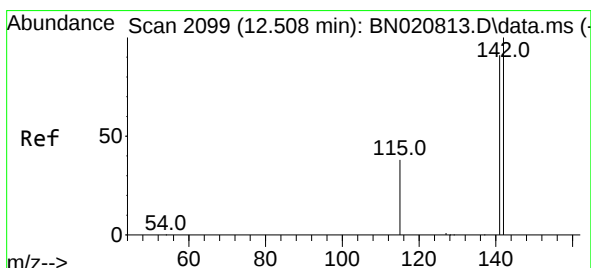
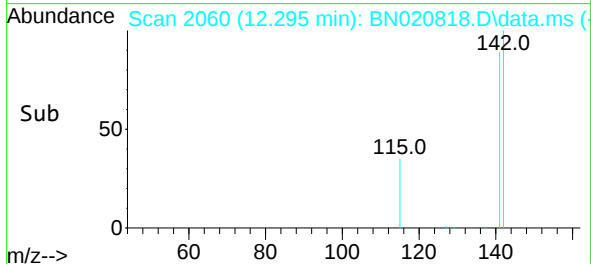
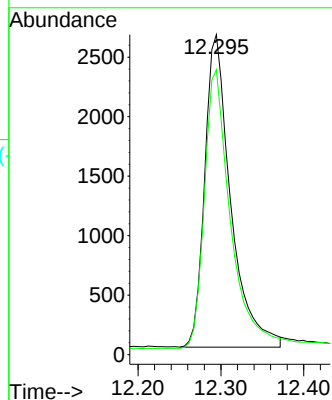
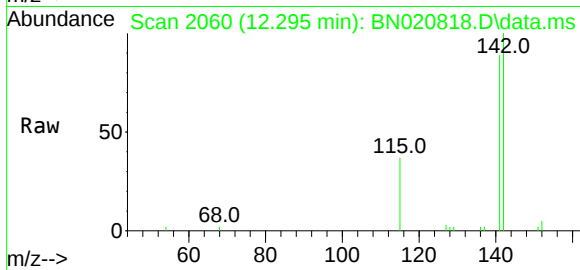
SLCS367

Tgt Ion:142 Resp: 5732

Ion Ratio Lower Upper

142 100

141 89.5 72.1 108.1



#8

1-Methylnaphthalene

Concen: 0.354 ng/ul

RT: 12.509 min Scan# 2099

Delta R.T. 0.000 min

Lab File: BN020818.D

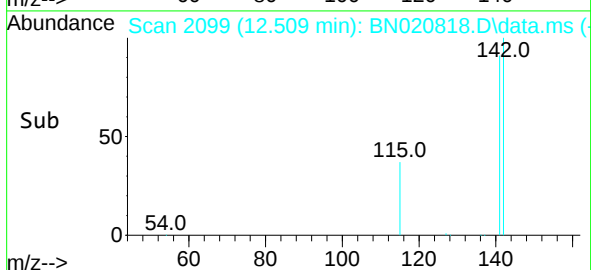
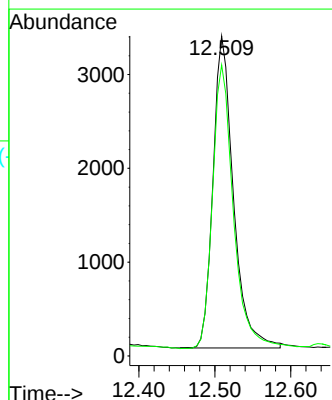
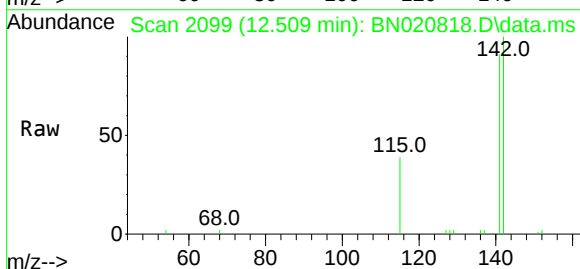
Acq: 22 Jul 2022 13:41

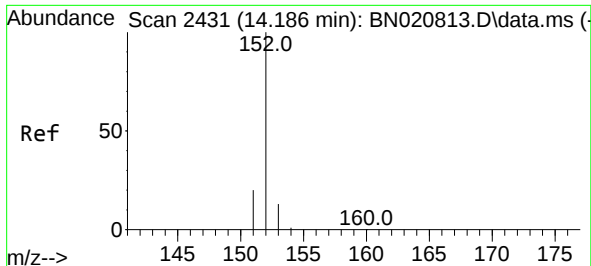
Tgt Ion:142 Resp: 6232

Ion Ratio Lower Upper

142 100

141 92.4 73.7 110.5

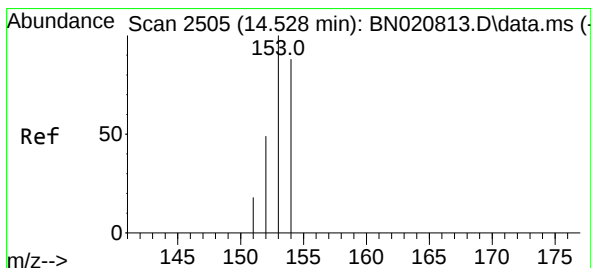
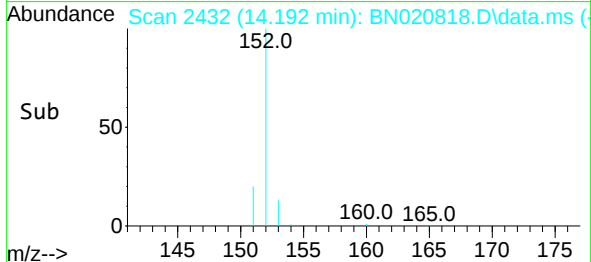
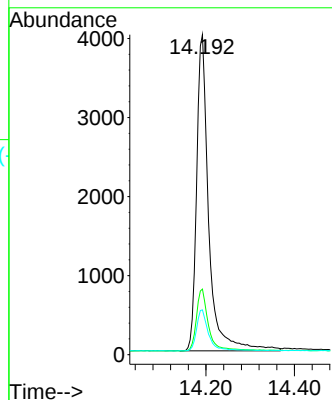
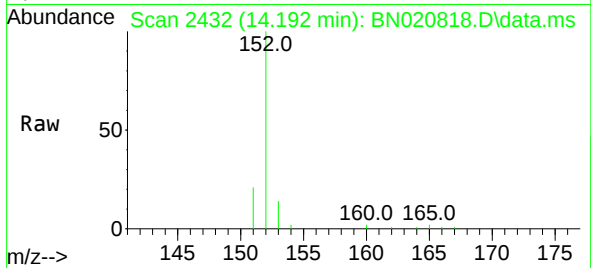




#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. 0.004 min
Lab File: BN020818.D
Acq: 22 Jul 2022 13:41

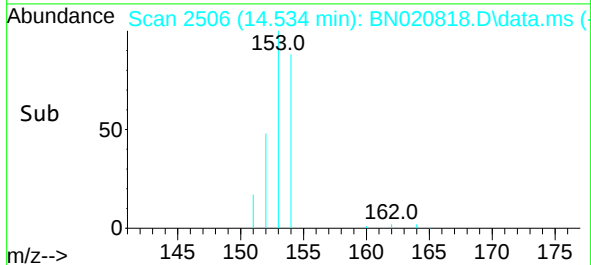
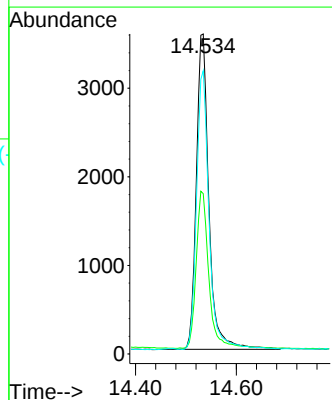
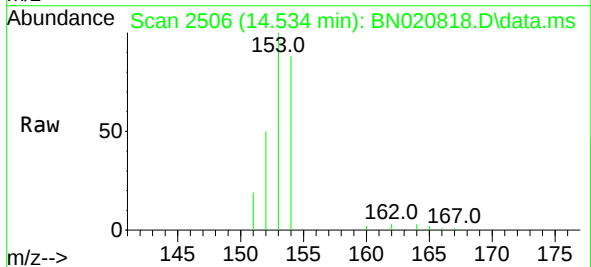
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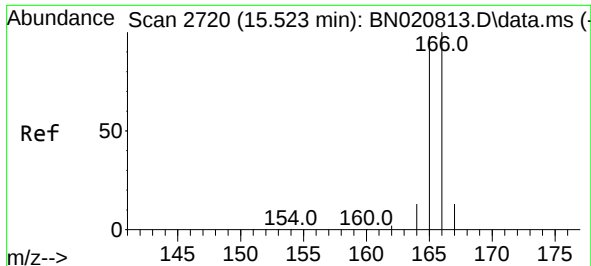
Tgt Ion:152 Resp: 7607
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. 0.004 min
Lab File: BN020818.D
Acq: 22 Jul 2022 13:41

Tgt Ion:153 Resp: 6170
Ion Ratio Lower Upper
153 100
152 50.1 40.0 60.0
154 88.5 70.0 105.0

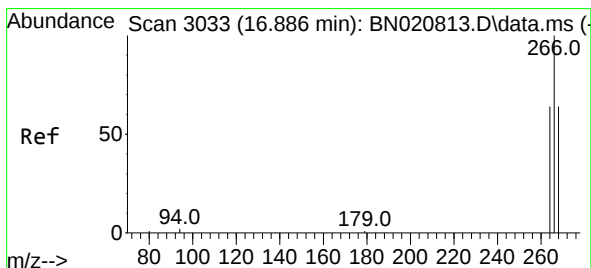
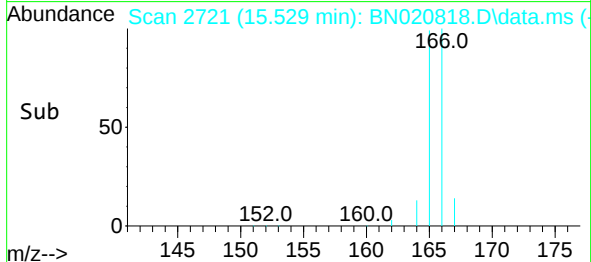
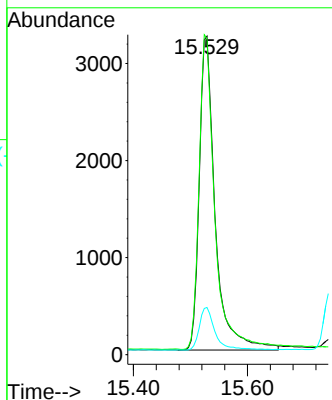
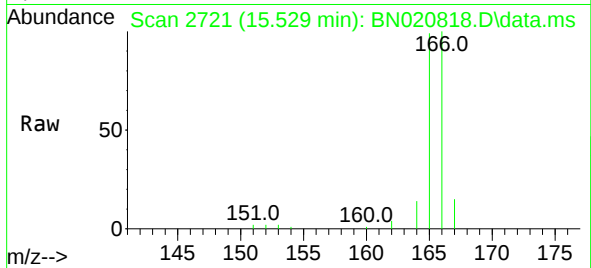




#12
Fluorene
Concen: 0.295 ng/ul
RT: 15.529 min Scan# 2721
Delta R.T. 0.004 min
Lab File: BN020818.D
Acq: 22 Jul 2022 13:41

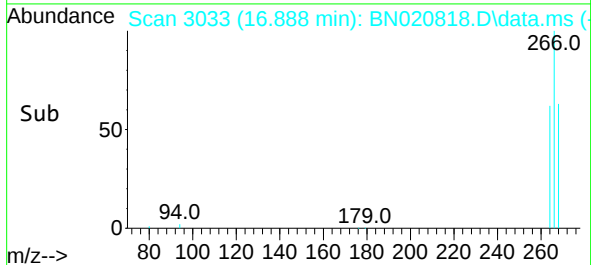
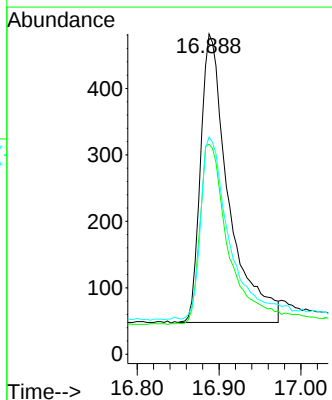
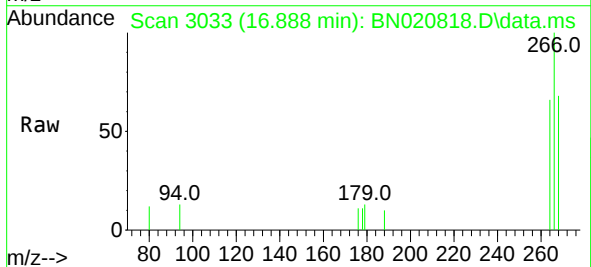
Instrument :
BNA_N
ClientSampleId :
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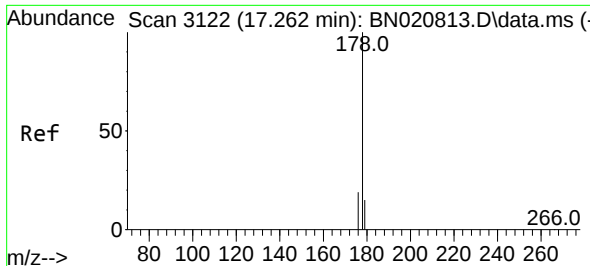
Tgt Ion:166 Resp: 6266
Ion Ratio Lower Upper
166 100
165 99.3 78.2 117.2
167 14.8 11.3 16.9



#14
Pentachlorophenol
Concen: 0.454 ng/ul
RT: 16.888 min Scan# 3033
Delta R.T. -0.005 min
Lab File: BN020818.D
Acq: 22 Jul 2022 13:41

Tgt Ion:266 Resp: 1028
Ion Ratio Lower Upper
266 100
264 64.5 51.6 77.4
268 65.0 51.5 77.3

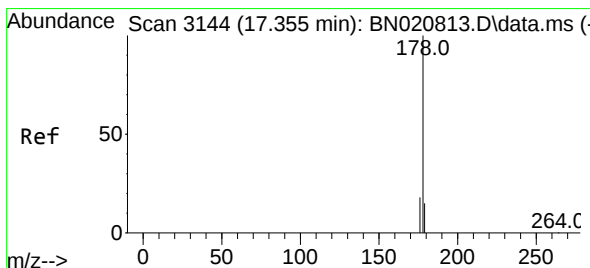
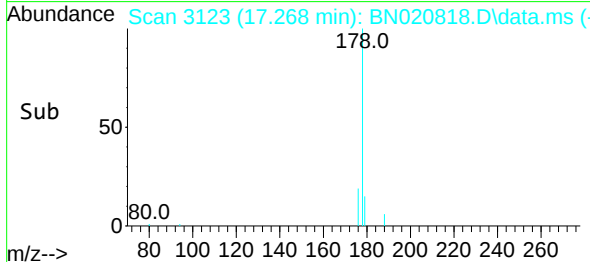
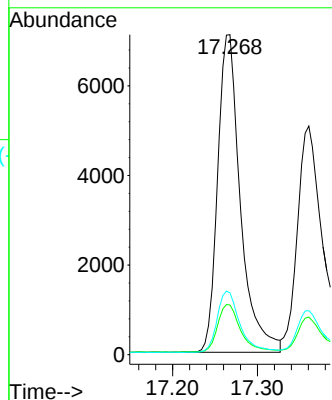
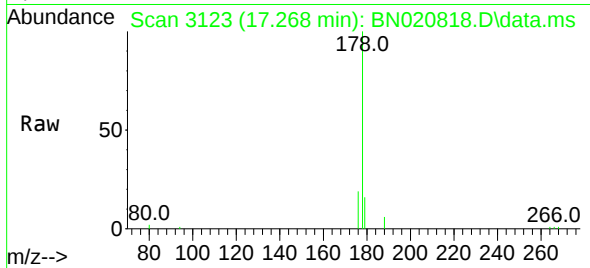




#15
Phenanthrene
Concen: 0.340 ng/ul
RT: 17.268 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BN020818.D
Acq: 22 Jul 2022 13:41

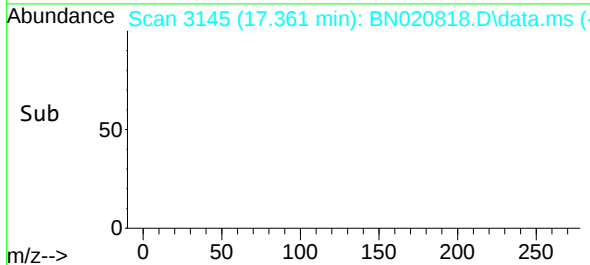
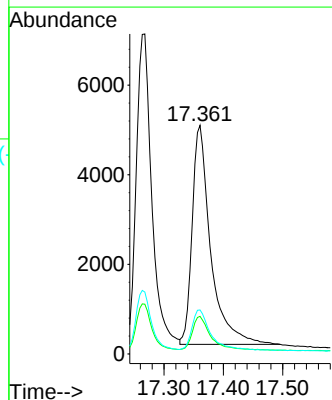
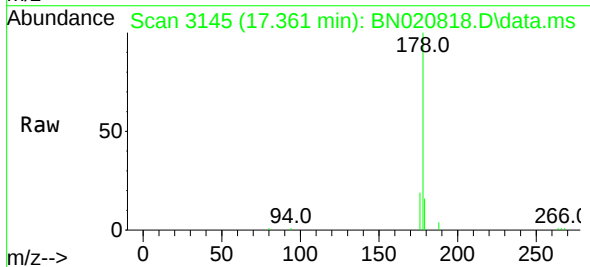
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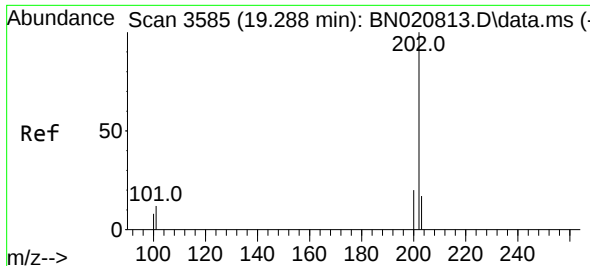
Tgt Ion:178 Resp: 13250
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.4 15.8 23.6



#16
Anthracene
Concen: 0.314 ng/ul
RT: 17.361 min Scan# 3145
Delta R.T. -0.001 min
Lab File: BN020818.D
Acq: 22 Jul 2022 13:41

Tgt Ion:178 Resp: 10566
Ion Ratio Lower Upper
178 100
179 16.5 12.8 19.2
176 19.2 15.2 22.8

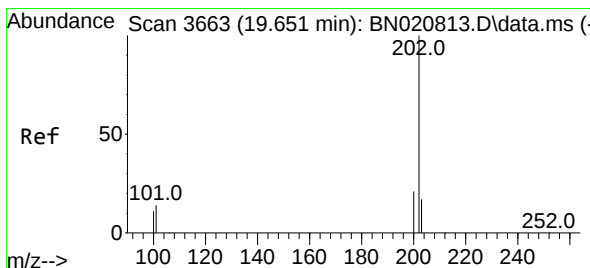
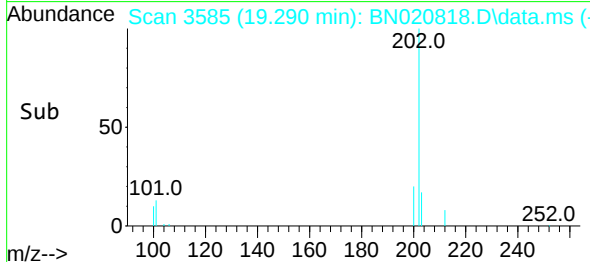
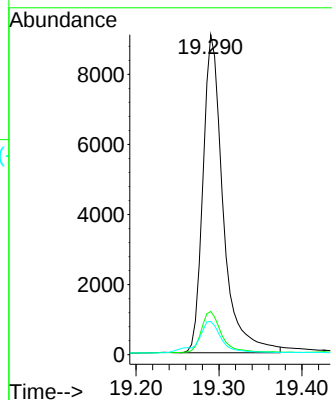
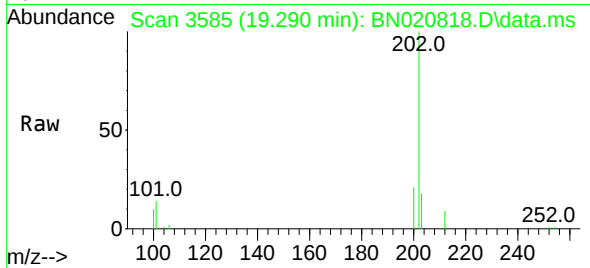




#19
Fluoranthene
Concen: 0.332 ng/ul
RT: 19.290 min Scan# 3585
Delta R.T. -0.001 min
Lab File: BN020818.D
Acq: 22 Jul 2022 13:41

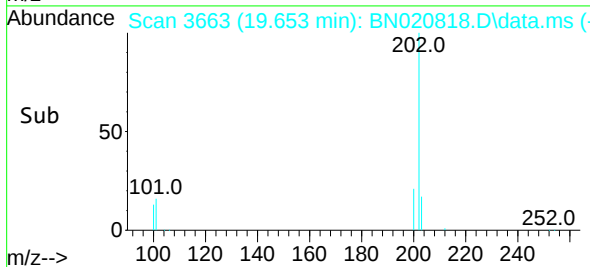
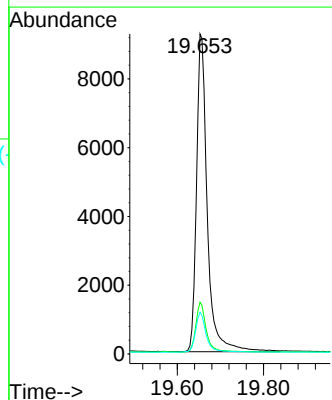
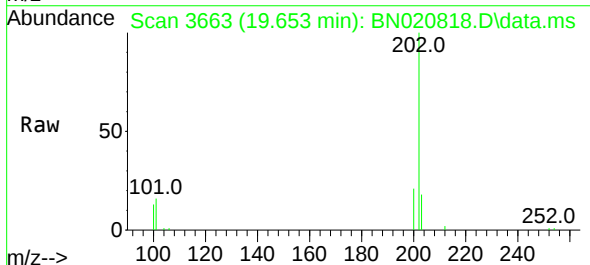
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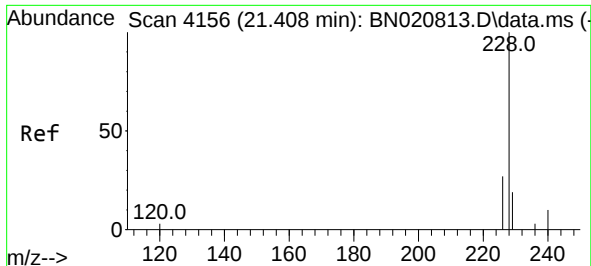
Tgt Ion:202 Resp: 15382
Ion Ratio Lower Upper
202 100
101 13.5 10.3 15.5
100 10.4 7.8 11.6



#20
Pyrene
Concen: 0.334 ng/ul
RT: 19.653 min Scan# 3663
Delta R.T. -0.001 min
Lab File: BN020818.D
Acq: 22 Jul 2022 13:41

Tgt Ion:202 Resp: 16036
Ion Ratio Lower Upper
202 100
101 16.2 11.6 17.4
100 13.0 9.2 13.8

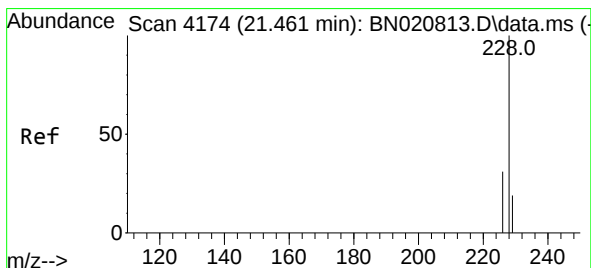
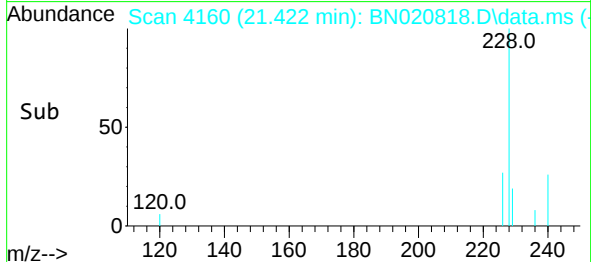
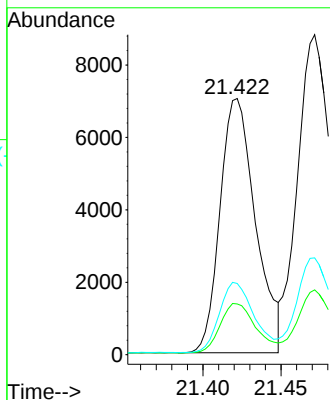
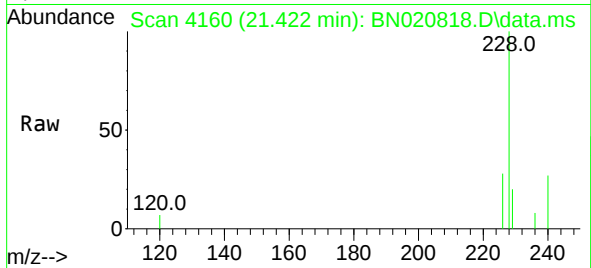




#21
Benzo(a)anthracene
Concen: 0.306 ng/ul
RT: 21.422 min Scan# 4156
Delta R.T. 0.007 min
Lab File: BN020818.D
Acq: 22 Jul 2022 13:41

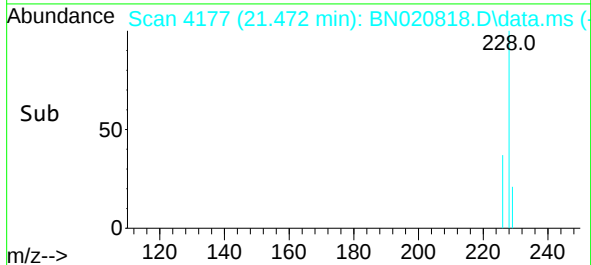
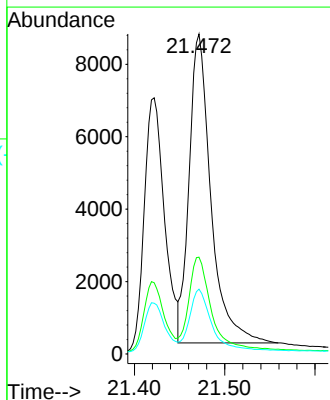
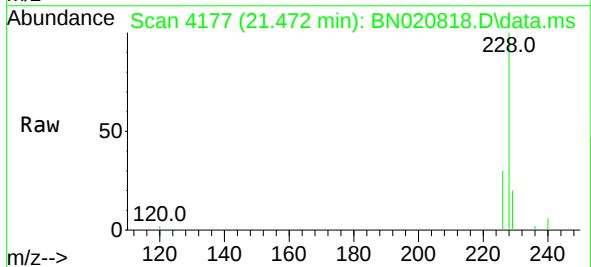
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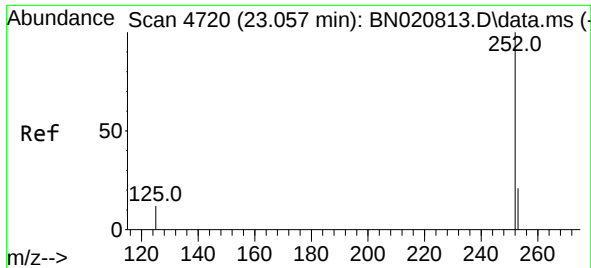
Tgt Ion:228 Resp: 11160
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.472 min Scan# 4177
Delta R.T. 0.004 min
Lab File: BN020818.D
Acq: 22 Jul 2022 13:41

Tgt Ion:228 Resp: 14282
Ion Ratio Lower Upper
228 100
226 30.3 23.9 35.9
229 20.3 15.8 23.8

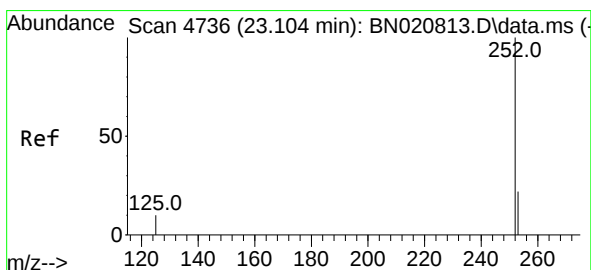
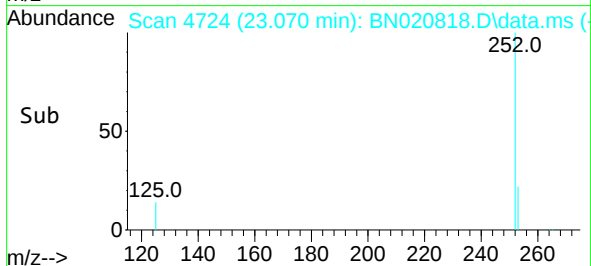
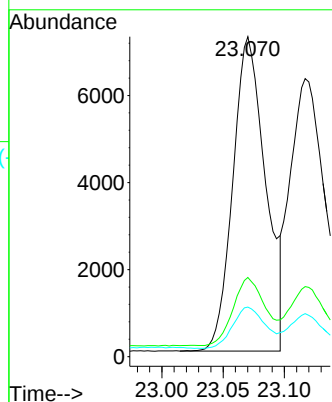
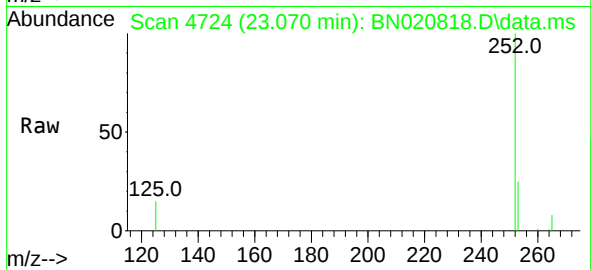




#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul
RT: 23.070 min Scan# 4724
Delta R.T. 0.007 min
Lab File: BN020818.D
Acq: 22 Jul 2022 13:41

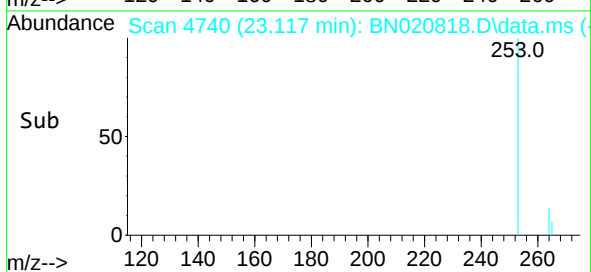
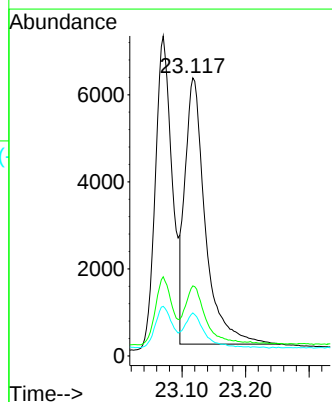
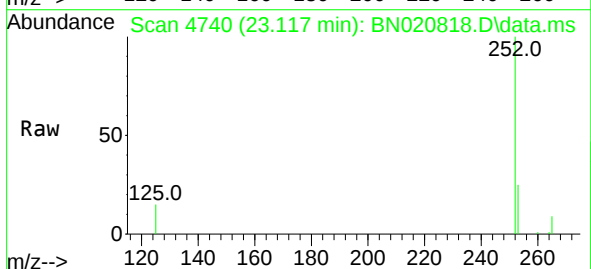
Instrument :
BNA_N
ClientSampleId :
SLCS367

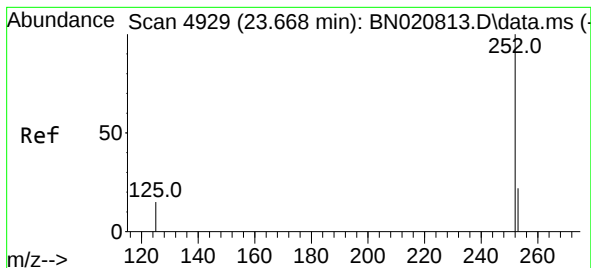
Tgt Ion:252 Resp: 13432
Ion Ratio Lower Upper
252 100
253 24.7 0.0 48.6
125 15.5 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.358 ng/ul
RT: 23.117 min Scan# 4740
Delta R.T. 0.004 min
Lab File: BN020818.D
Acq: 22 Jul 2022 13:41

Tgt Ion:252 Resp: 13594
Ion Ratio Lower Upper
252 100
253 25.2 19.7 29.5
125 15.5 12.0 18.0





#26

Benzo(a)pyrene

Concen: 0.339 ng/ul

RT: 23.678 min Scan# 4929

Delta R.T. 0.004 min

Lab File: BN020818.D

Acq: 22 Jul 2022 13:41

Instrument :

BNA_N

ClientSampleId :

SLCS367

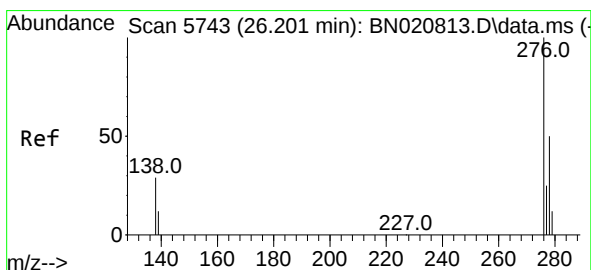
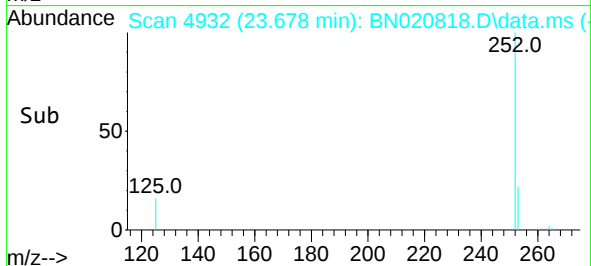
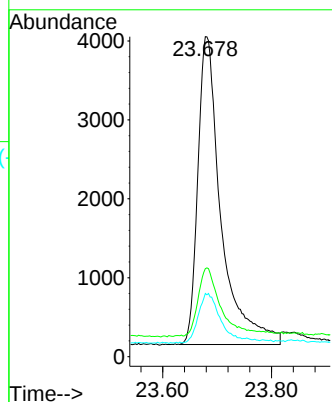
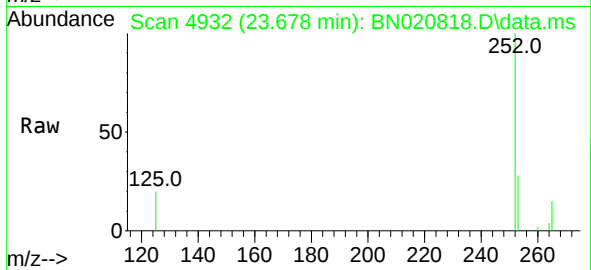
Tgt Ion:252 Resp: 11607

Ion Ratio Lower Upper

252 100

253 27.5 21.0 31.4

125 19.7 18.8 28.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.323 ng/ul

RT: 26.216 min Scan# 5747

Delta R.T. 0.001 min

Lab File: BN020818.D

Acq: 22 Jul 2022 13:41

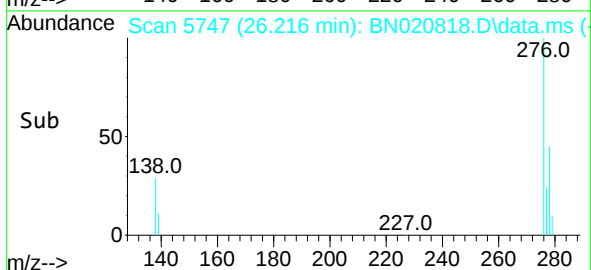
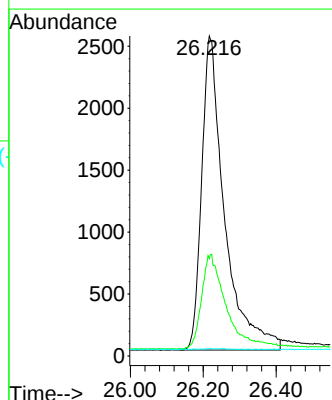
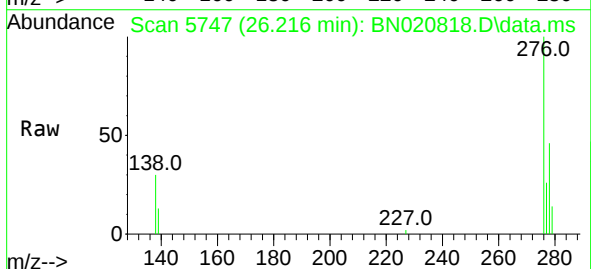
Tgt Ion:276 Resp: 11010

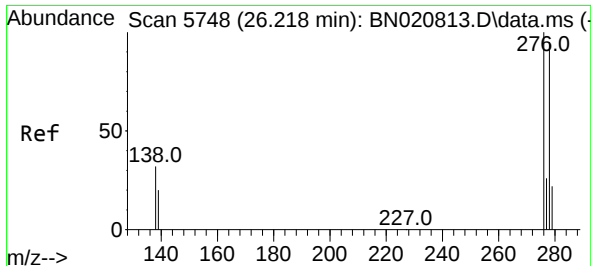
Ion Ratio Lower Upper

276 100

138 32.9 27.4 41.2

227 0.1 0.2 0.2#

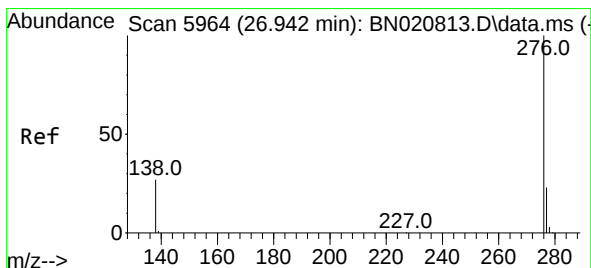
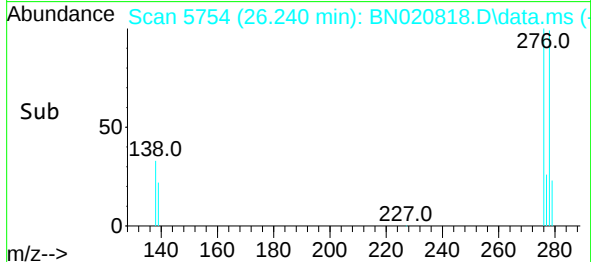
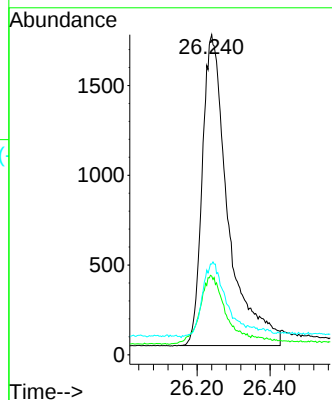
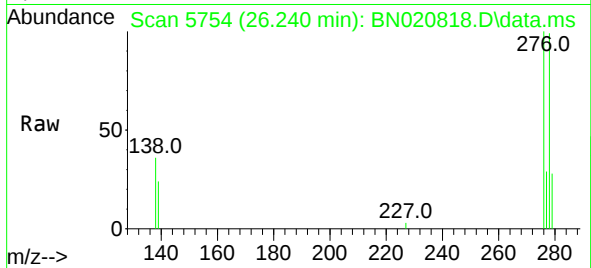




#28
Dibenzo(a,h)anthracene
Concen: 0.308 ng/ul
RT: 26.240 min Scan# 51
Delta R.T. 0.008 min
Lab File: BN020818.D
Acq: 22 Jul 2022 13:41

Instrument :
BNA_N
ClientSampleId :
SLCS367

Tgt Ion:278 Resp: 8477
Ion Ratio Lower Upper
278 100
139 24.6 18.8 28.2
279 28.3 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.348 ng/ul
RT: 26.961 min Scan# 5969
Delta R.T. 0.011 min
Lab File: BN020818.D
Acq: 22 Jul 2022 13:41

Tgt Ion:276 Resp: 10158
Ion Ratio Lower Upper
276 100
138 29.4 23.5 35.3
277 25.1 20.1 30.1

