

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081522\
 Data File : BN021229.D
 Acq On : 15 Aug 2022 10:31
 Operator : CG/JU
 Sample : PB146950BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS950

Quant Time: Aug 15 11:56:56 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 04:02:44 2022
 Response via : Initial Calibration

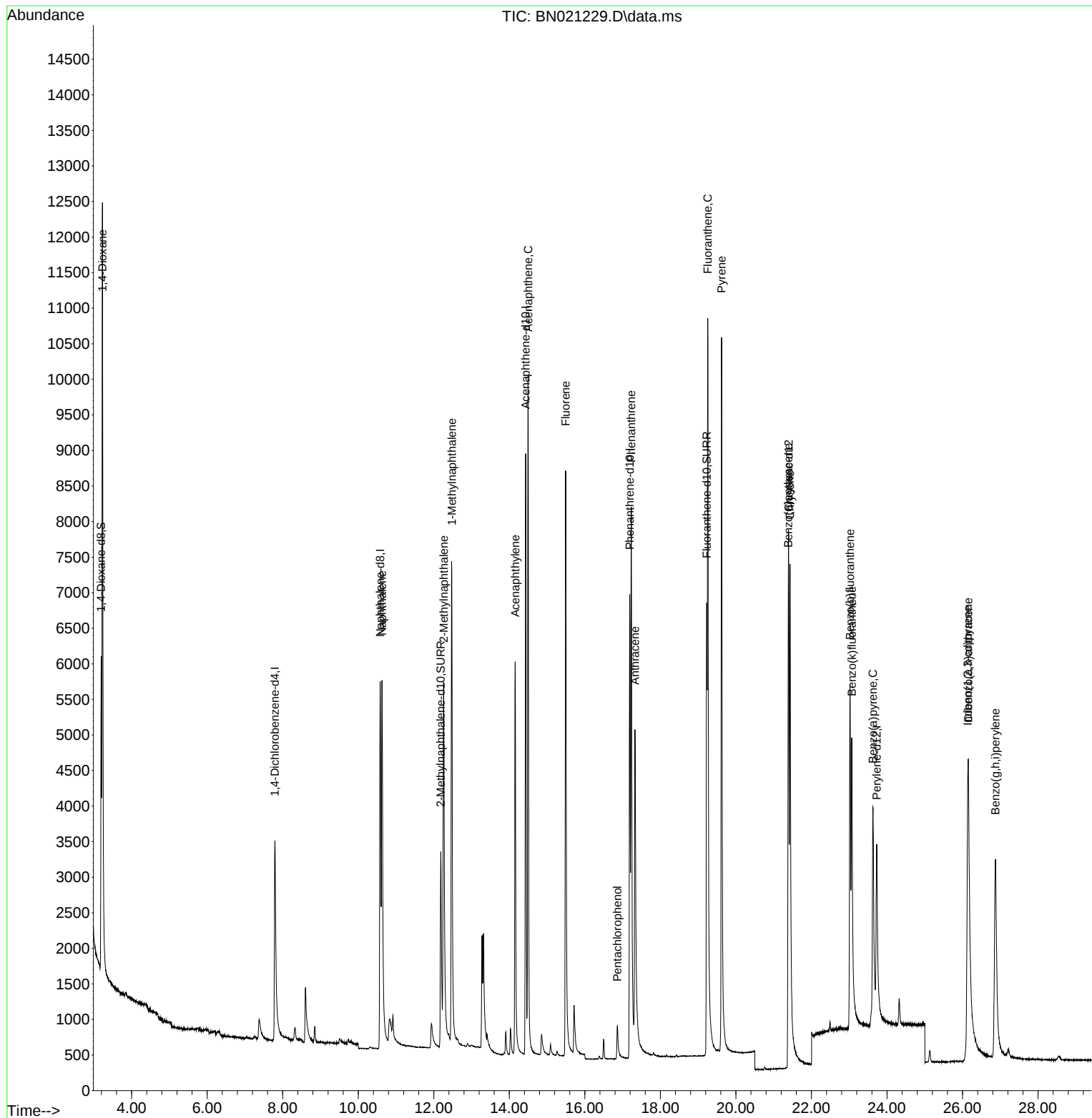
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	2675	0.400	ng/ul	0.00
4) Naphthalene-d8	10.580	136	9190	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.433	164	5138	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.188	188	8981	0.400	ng/ul	0.00
17) Chrysene-d12	21.398	240	5519	0.400	ng/ul	0.00
23) Perylene-d12	23.730	264	4319	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	2870	0.839	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.186	152	4813	0.357	ng/ul	0.00
18) Fluoranthene-d10	19.226	212	8818	0.517	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	7128	2.022	ng/ul	86
5) Naphthalene	10.629	128	9323	0.330	ng/ul	99
7) 2-Methylnaphthalene	12.263	142	5385	0.314	ng/ul	100
8) 1-Methylnaphthalene	12.477	142	5920	0.346	ng/ul	100
10) Acenaphthylene	14.156	152	7674	0.319	ng/ul	99
11) Acenaphthene	14.498	153	6381	0.321	ng/ul	99
12) Fluorene	15.493	166	6726	0.310	ng/ul	99
14) Pentachlorophenol	16.859	266	532	0.384	ng/ul	99
15) Phenanthrene	17.231	178	10321	0.321	ng/ul	100
16) Anthracene	17.328	178	7984	0.321	ng/ul	99
19) Fluoranthene	19.254	202	10821	0.443	ng/ul	97
20) Pyrene	19.621	202	11171	0.443	ng/ul	97
21) Benzo(a)anthracene	21.386	228	5715	0.317	ng/ul	98
22) Chrysene	21.433	228	7745	0.327	ng/ul	99
24) Benzo(b)fluoranthene	23.020	252	6731	0.337	ng/ul	95
25) Benzo(k)fluoranthene	23.070	252	7251	0.344	ng/ul	98
26) Benzo(a)pyrene	23.631	252	6448	0.354	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.142	276	8428	0.387	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.155	278	6281	0.365	ng/ul	96
29) Benzo(g,h,i)perylene	26.873	276	8034	0.414	ng/ul	95

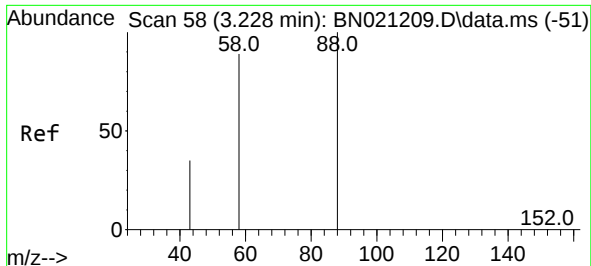
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 13 04:02:44 2022
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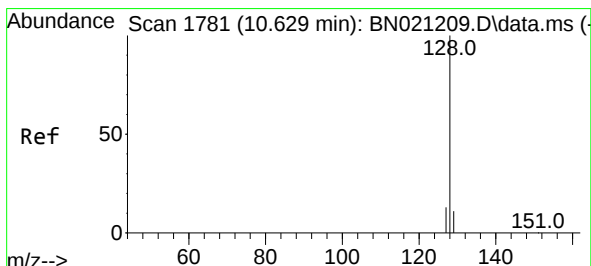
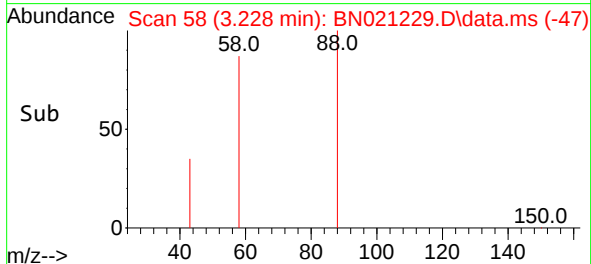
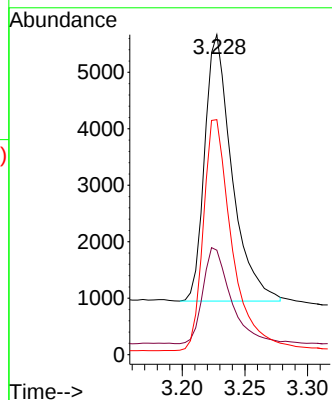
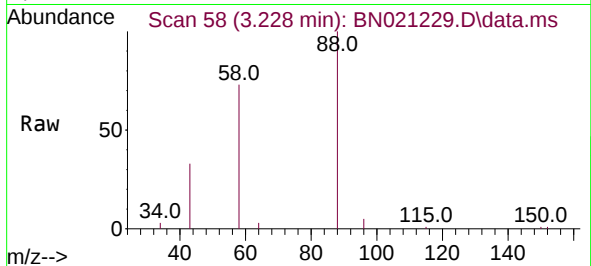




#2
 1,4-Dioxane
 Concen: 2.022 ng/ul
 RT: 3.228 min Scan# 58
 Delta R.T. -0.004 min
 Lab File: BN021229.D
 Acq: 15 Aug 2022 10:31

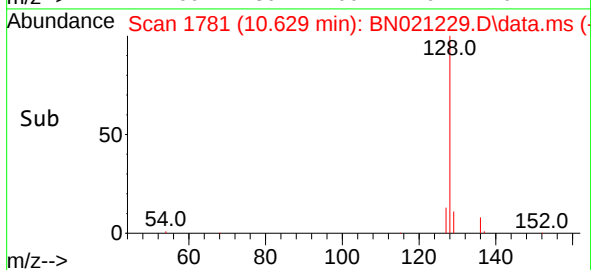
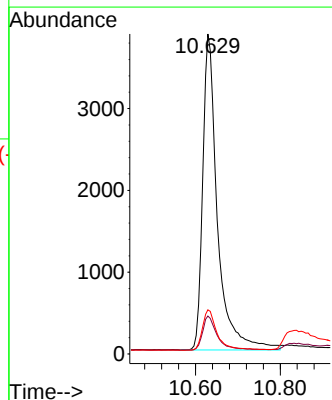
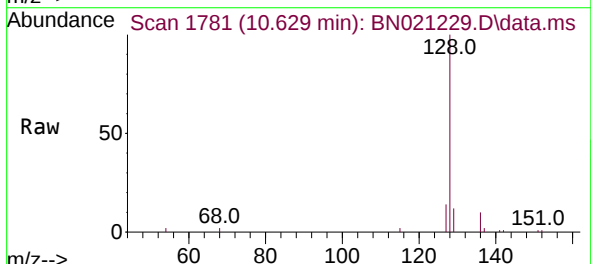
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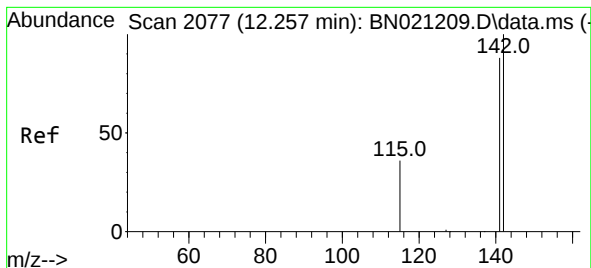
Tgt Ion: 88 Resp: 7128
 Ion Ratio Lower Upper
 88 100
 43 32.6 31.4 47.0
 58 73.5 49.0 73.6



#5
 Naphthalene
 Concen: 0.330 ng/ul
 RT: 10.629 min Scan# 1781
 Delta R.T. 0.000 min
 Lab File: BN021229.D
 Acq: 15 Aug 2022 10:31

Tgt Ion:128 Resp: 9323
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.8 14.6
 127 13.8 11.6 17.4

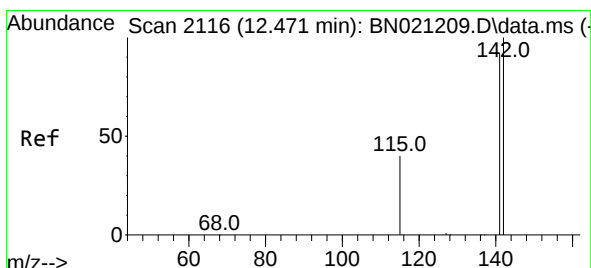
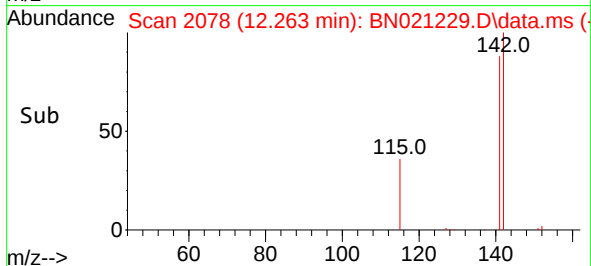
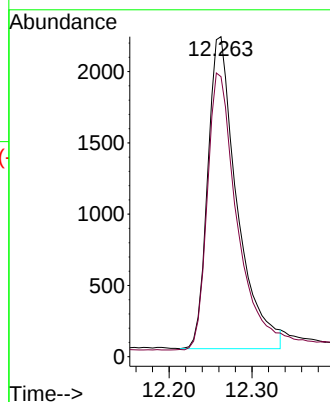
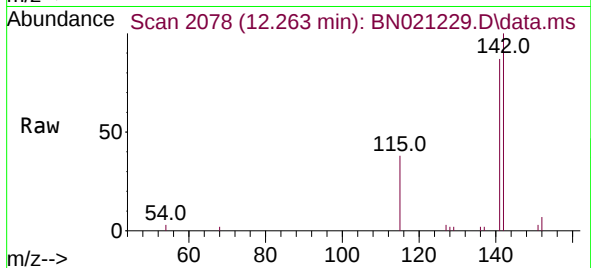




#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.263 min Scan# 2077
Delta R.T. 0.006 min
Lab File: BN021229.D
Acq: 15 Aug 2022 10:31

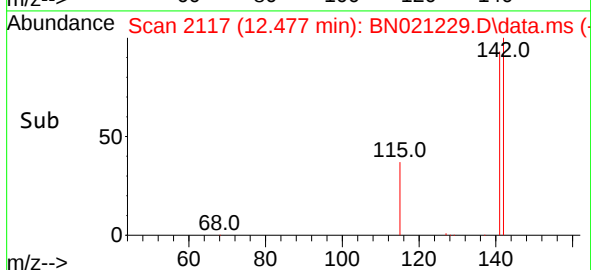
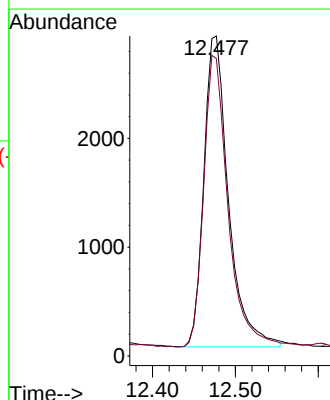
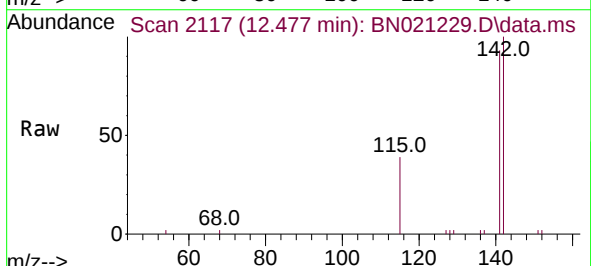
Instrument :
BNA_N
ClientSampleId :
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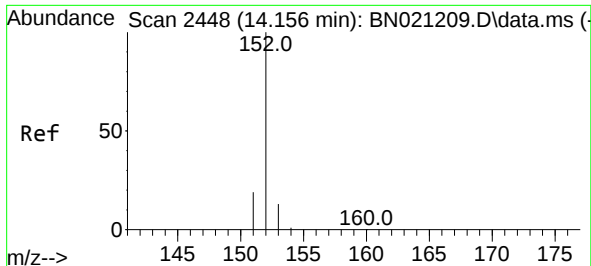
Tgt Ion:142 Resp: 5385
Ion Ratio Lower Upper
142 100
141 90.0 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.477 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BN021229.D
Acq: 15 Aug 2022 10:31

Tgt Ion:142 Resp: 5920
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9

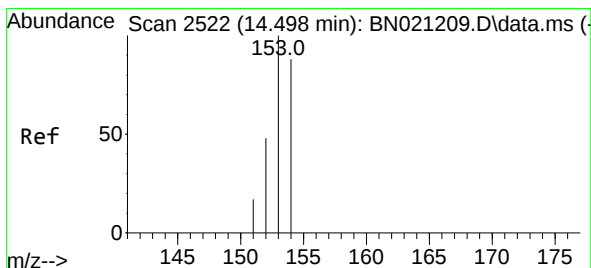
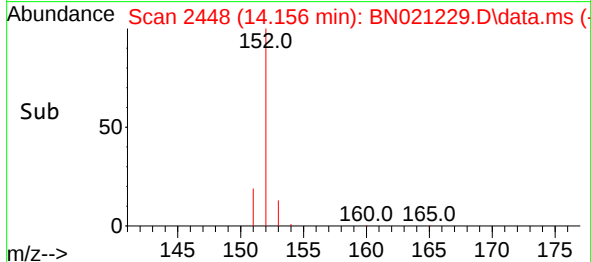
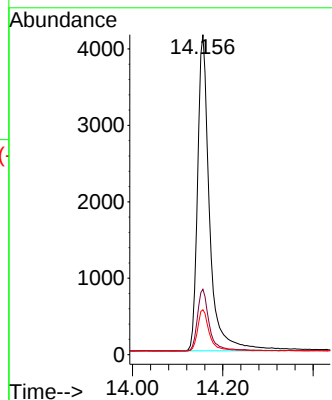
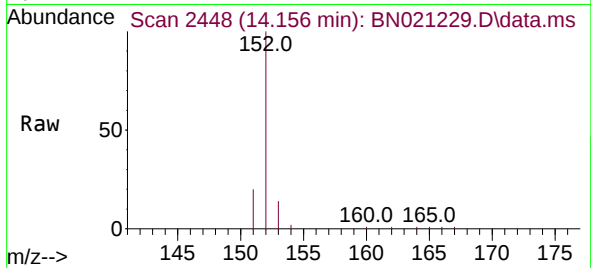




#10
Acenaphthylene
Concen: 0.319 ng/ul
RT: 14.156 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BN021229.D
Acq: 15 Aug 2022 10:31

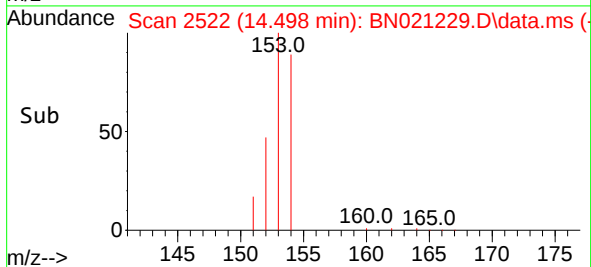
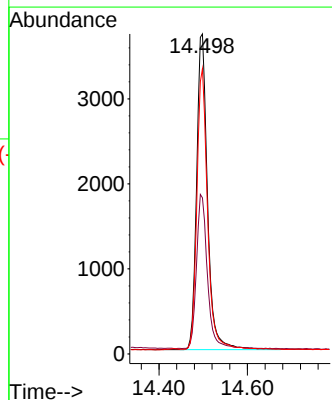
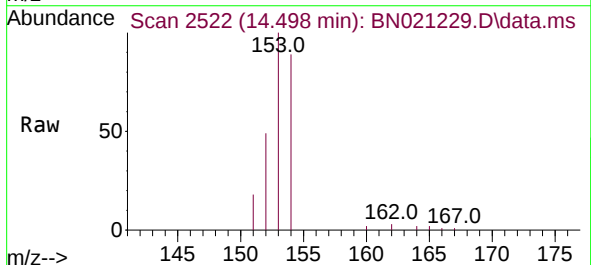
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ClientSampleId :
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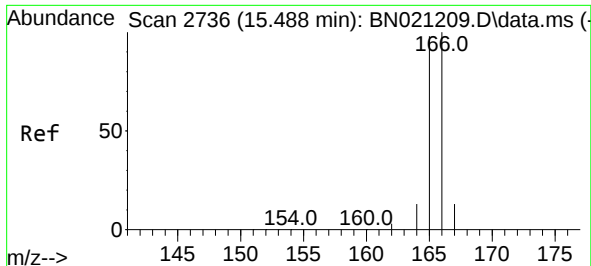
Tgt Ion:152 Resp: 7674
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 14.1 11.2 16.8



#11
Acenaphthene
Concen: 0.321 ng/ul
RT: 14.498 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BN021229.D
Acq: 15 Aug 2022 10:31

Tgt Ion:153 Resp: 6381
Ion Ratio Lower Upper
153 100
152 48.8 40.2 60.4
154 89.1 70.7 106.1

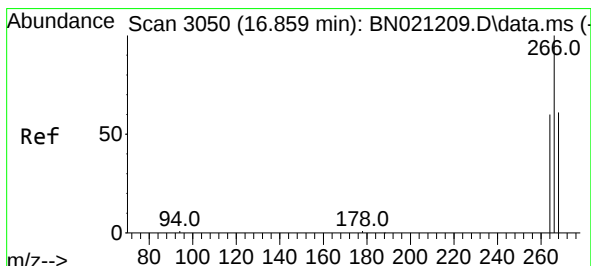
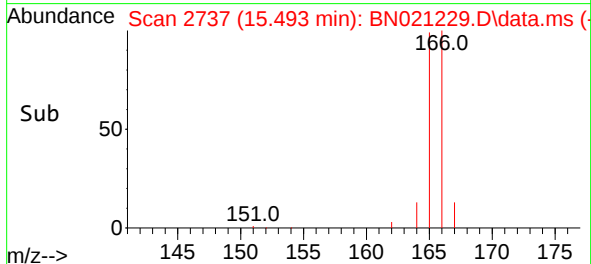
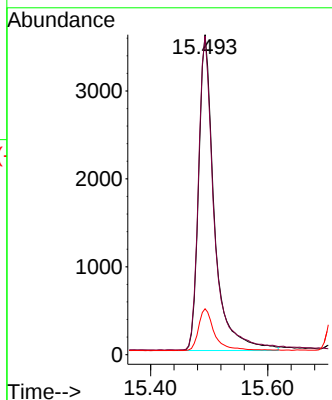
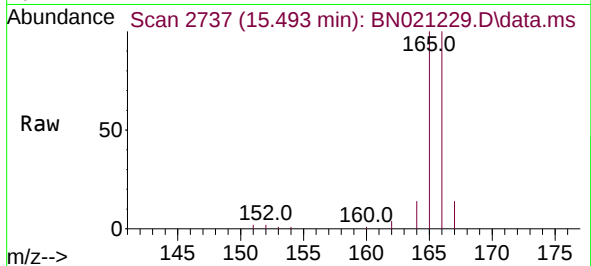




#12
Fluorene
Concen: 0.310 ng/ul
RT: 15.493 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021229.D
Acq: 15 Aug 2022 10:31

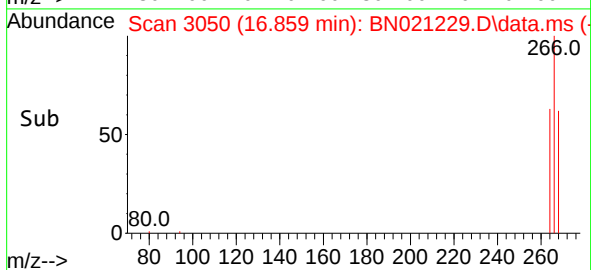
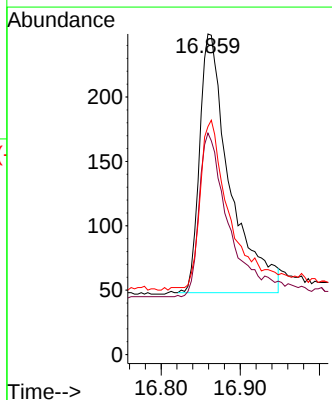
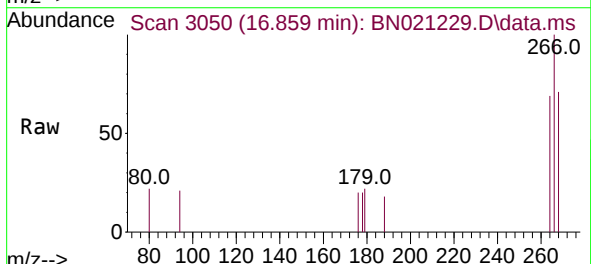
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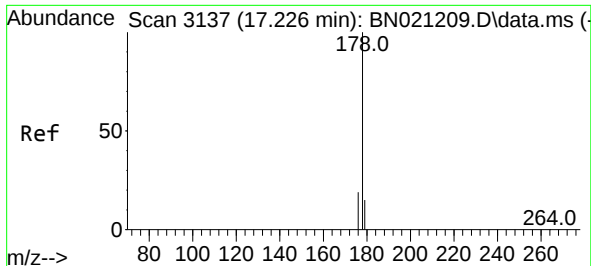
Tgt Ion:166 Resp: 6726
Ion Ratio Lower Upper
166 100
165 99.6 78.6 117.8
167 14.4 11.8 17.6



#14
Pentachlorophenol
Concen: 0.384 ng/ul
RT: 16.859 min Scan# 3050
Delta R.T. -0.004 min
Lab File: BN021229.D
Acq: 15 Aug 2022 10:31

Tgt Ion:266 Resp: 532
Ion Ratio Lower Upper
266 100
264 62.0 49.8 74.8
268 62.4 50.6 75.8

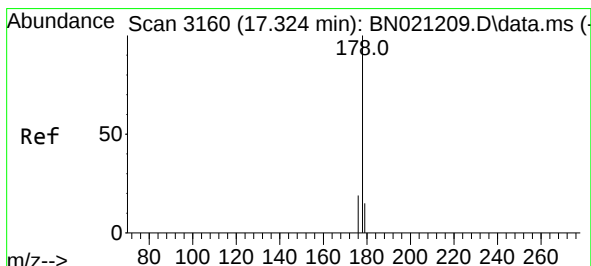
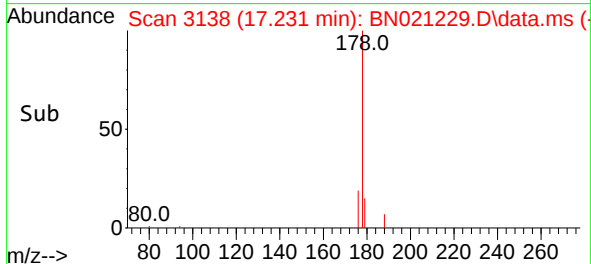
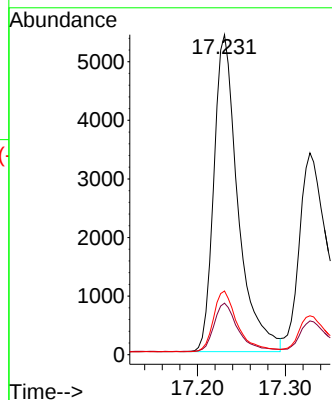
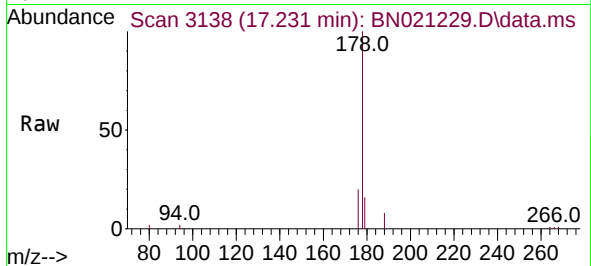




#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.231 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BN021229.D
Acq: 15 Aug 2022 10:31

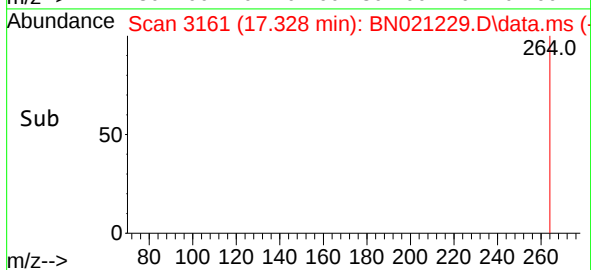
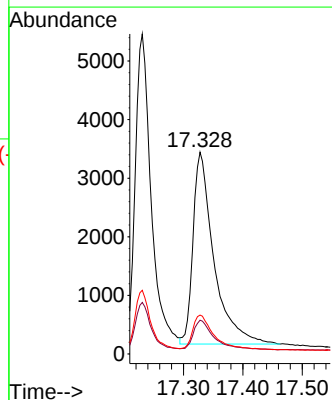
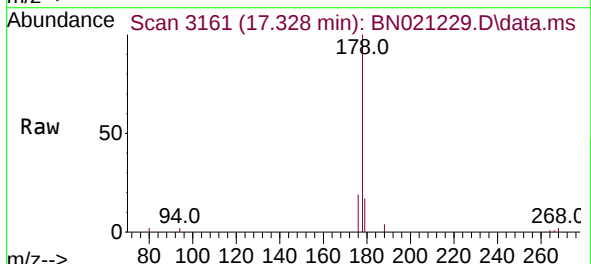
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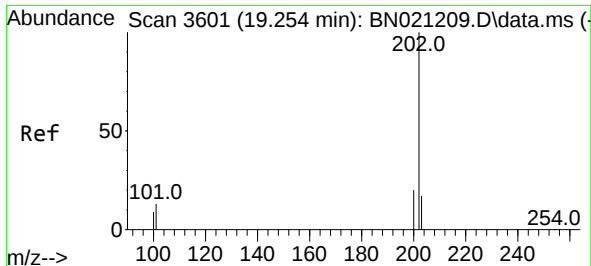
Tgt Ion:178 Resp: 10321
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 19.9 15.9 23.9



#16
Anthracene
Concen: 0.321 ng/ul
RT: 17.328 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BN021229.D
Acq: 15 Aug 2022 10:31

Tgt Ion:178 Resp: 7984
Ion Ratio Lower Upper
178 100
179 16.7 12.9 19.3
176 19.2 15.9 23.9

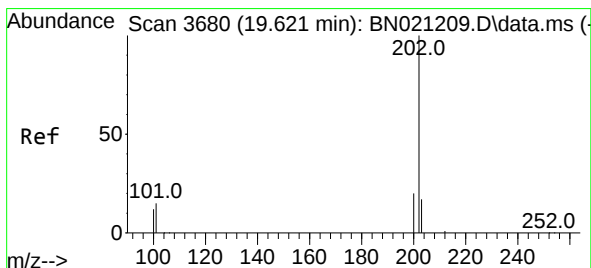
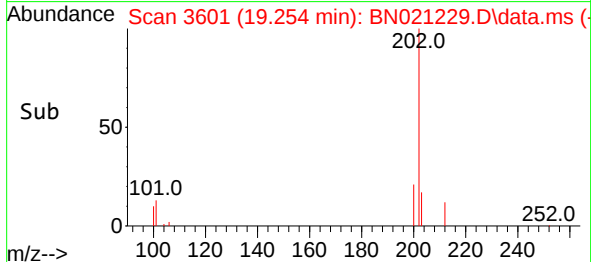
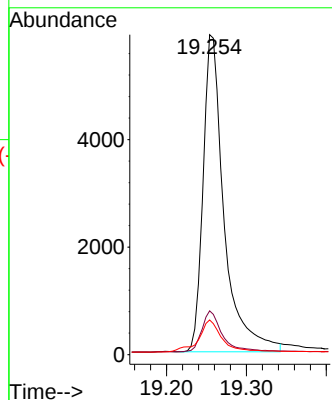
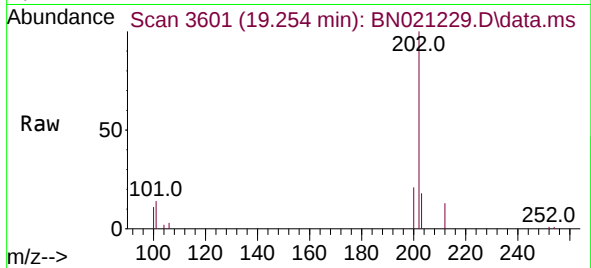




#19
Fluoranthene
Concen: 0.443 ng/ul
RT: 19.254 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN021229.D
Acq: 15 Aug 2022 10:31

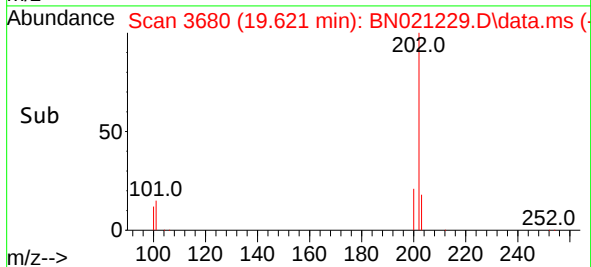
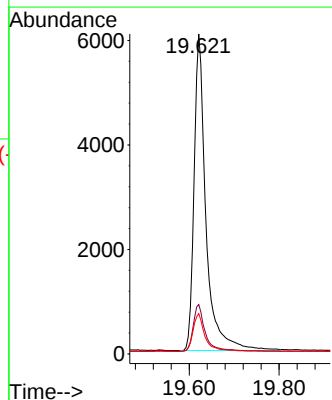
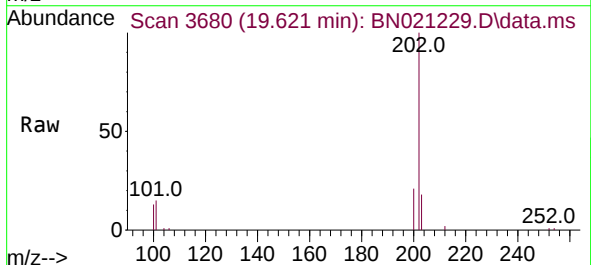
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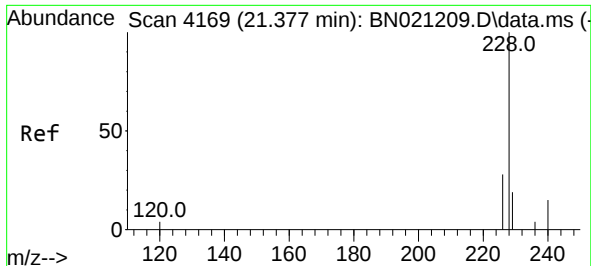
Tgt Ion:202 Resp: 10821
Ion Ratio Lower Upper
202 100
101 13.7 10.0 15.0
100 10.8 8.0 12.0



#20
Pyrene
Concen: 0.443 ng/ul
RT: 19.621 min Scan# 3680
Delta R.T. 0.000 min
Lab File: BN021229.D
Acq: 15 Aug 2022 10:31

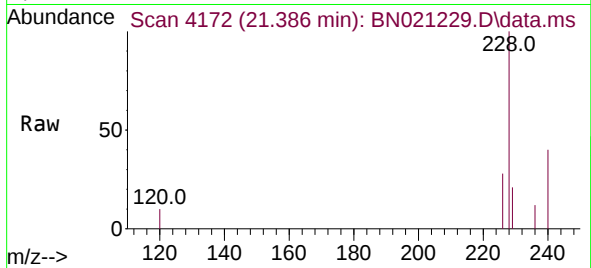
Tgt Ion:202 Resp: 11171
Ion Ratio Lower Upper
202 100
101 15.4 11.3 16.9
100 12.6 9.0 13.4



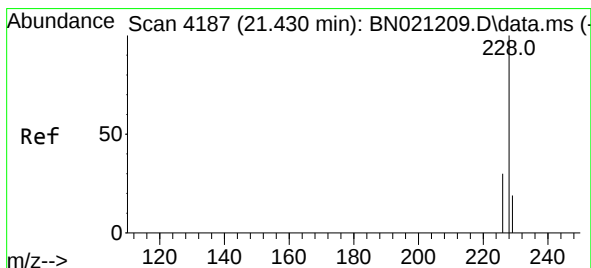
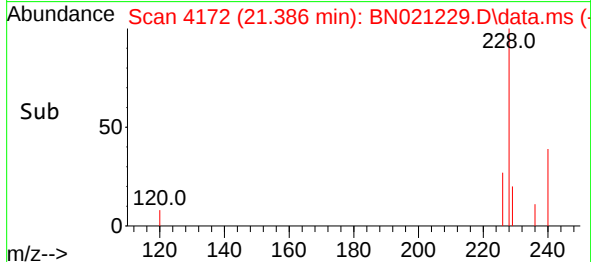
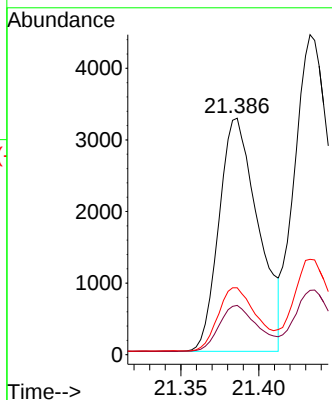


#21
Benzo(a)anthracene
Concen: 0.317 ng/ul
RT: 21.386 min Scan# 4172
Delta R.T. 0.006 min
Lab File: BN021229.D
Acq: 15 Aug 2022 10:31

Instrument :
BNA_N
ClientSampleId :
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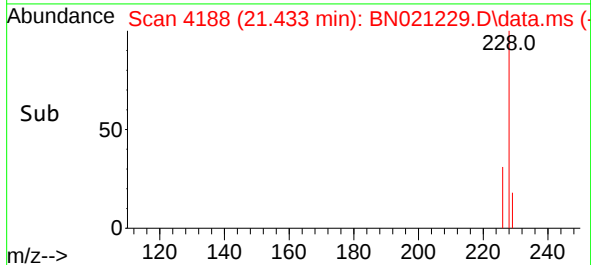
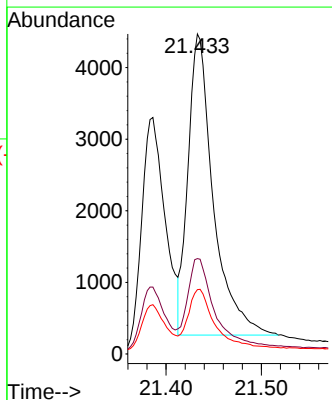
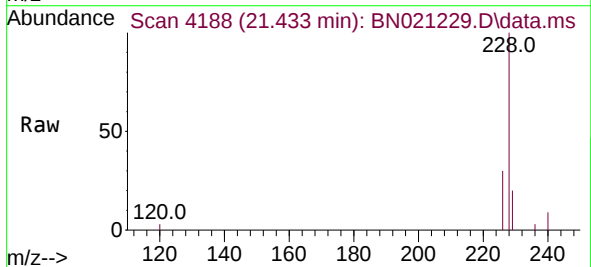


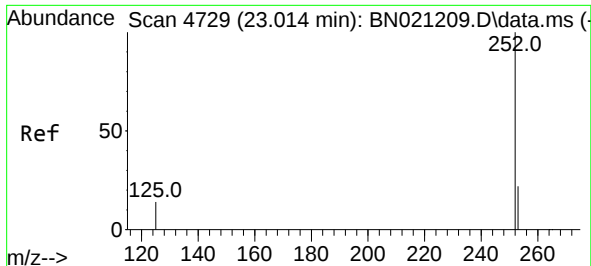
Tgt Ion:228 Resp: 5715
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.3 21.9 32.9



#22
Chrysene
Concen: 0.327 ng/ul
RT: 21.433 min Scan# 4188
Delta R.T. 0.003 min
Lab File: BN021229.D
Acq: 15 Aug 2022 10:31

Tgt Ion:228 Resp: 7745
Ion Ratio Lower Upper
228 100
226 29.8 24.6 37.0
229 20.1 15.8 23.8

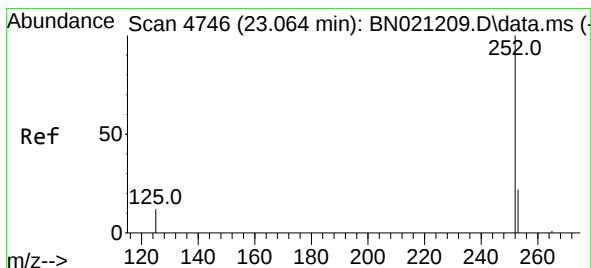
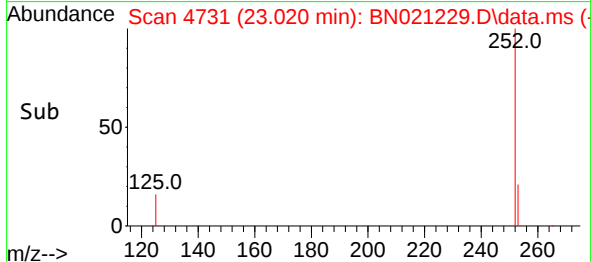
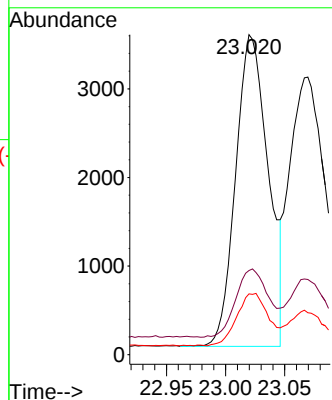
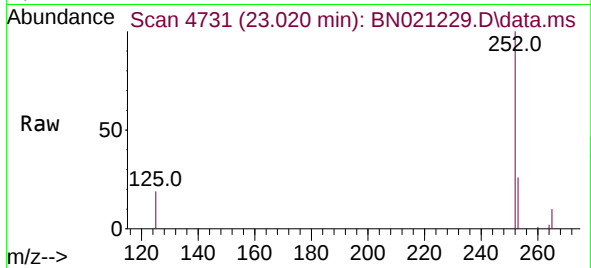




#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.020 min Scan# 4731
Delta R.T. 0.003 min
Lab File: BN021229.D
Acq: 15 Aug 2022 10:31

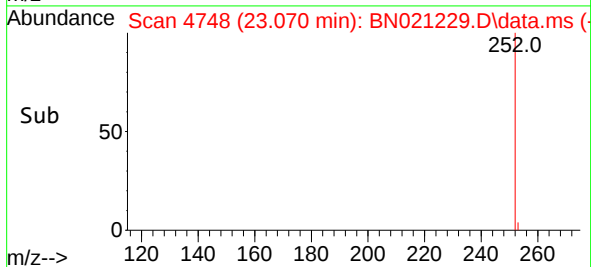
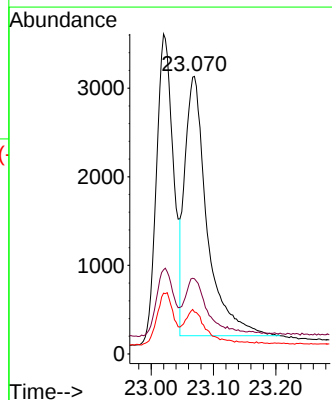
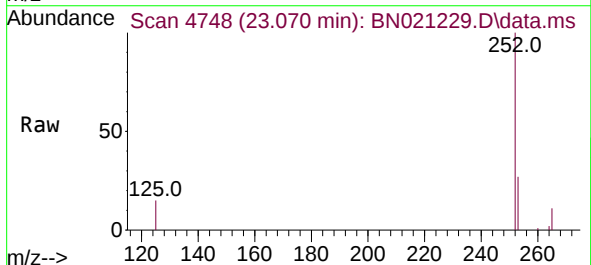
Instrument :
BNA_N
ClientSampleId :
SLCS950

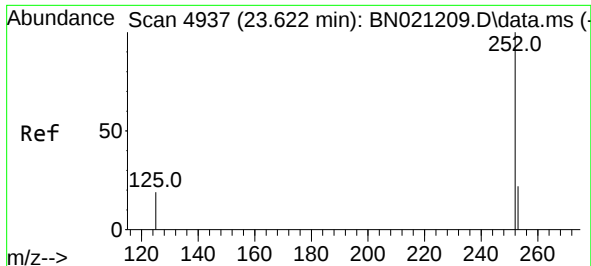
Tgt Ion:252 Resp: 6731
Ion Ratio Lower Upper
252 100
253 26.3 0.0 50.8
125 19.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul
RT: 23.070 min Scan# 4748
Delta R.T. 0.006 min
Lab File: BN021229.D
Acq: 15 Aug 2022 10:31

Tgt Ion:252 Resp: 7251
Ion Ratio Lower Upper
252 100
253 27.1 20.6 31.0
125 15.1 11.8 17.6

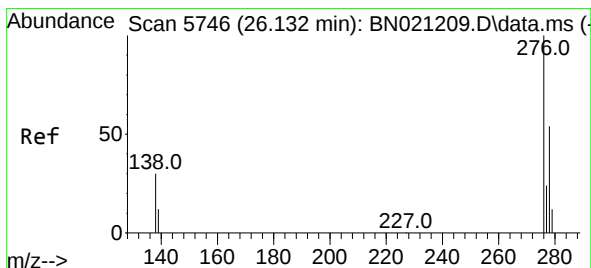
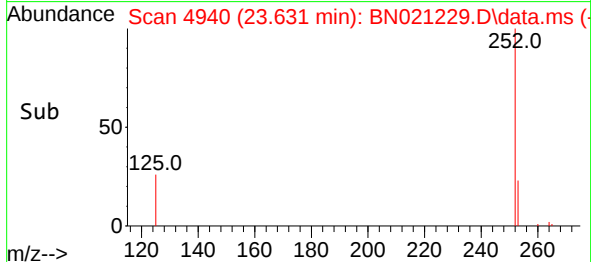
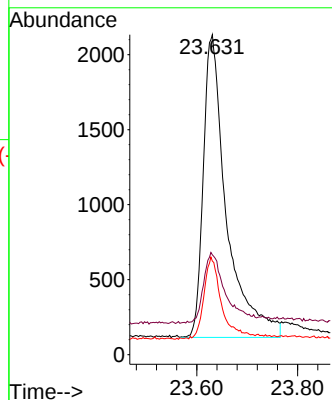
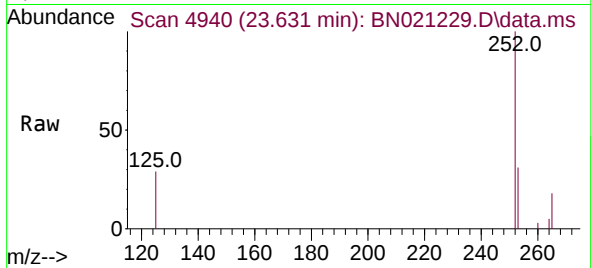




#26
Benzo(a)pyrene
Concen: 0.354 ng/ul
RT: 23.631 min Scan# 4937
Delta R.T. 0.009 min
Lab File: BN021229.D
Acq: 15 Aug 2022 10:31

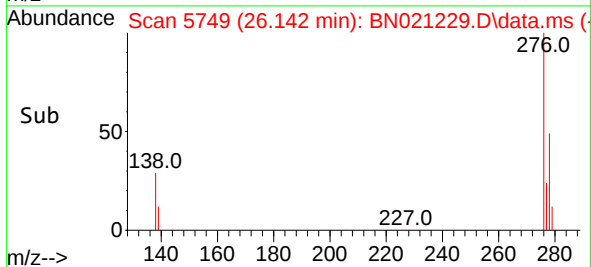
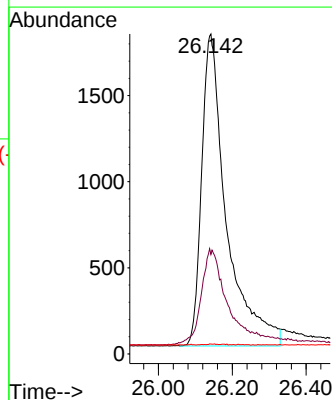
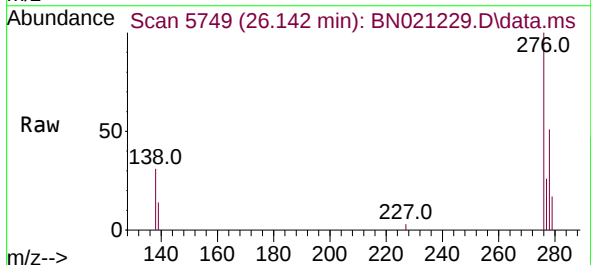
Instrument :
BNA_N
ClientSampleId :
SLCS950

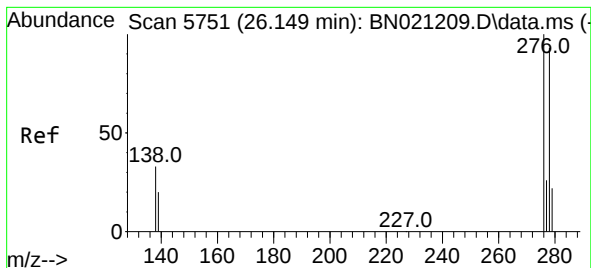
Tgt Ion:252 Resp: 6448
Ion Ratio Lower Upper
252 100
253 31.2 22.1 33.1
125 29.3 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng/ul
RT: 26.142 min Scan# 5749
Delta R.T. 0.007 min
Lab File: BN021229.D
Acq: 15 Aug 2022 10:31

Tgt Ion:276 Resp: 8428
Ion Ratio Lower Upper
276 100
138 33.5 26.1 39.1
227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.365 ng/ul

RT: 26.155 min Scan# 51

Delta R.T. 0.007 min

Lab File: BN021229.D

Acq: 15 Aug 2022 10:31

Instrument :

BNA_N

ClientSampleId :

SLCS950

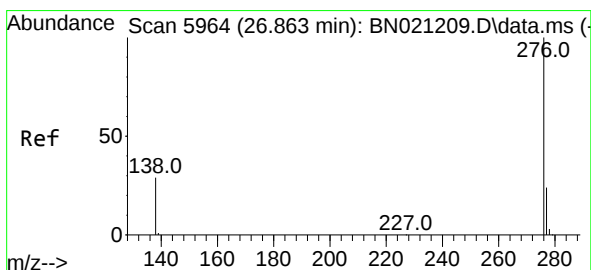
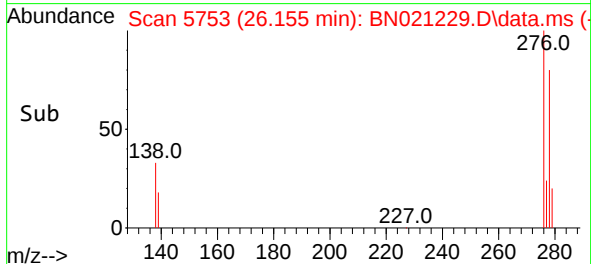
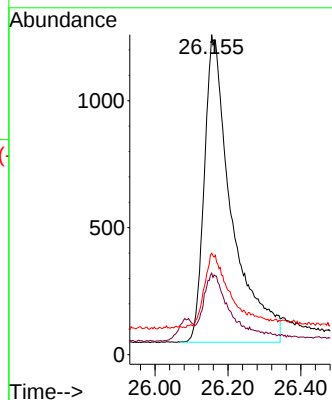
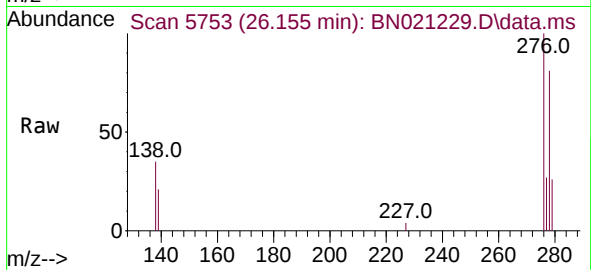
Tgt Ion:278 Resp: 6281

Ion Ratio Lower Upper

278 100

139 25.5 18.3 27.5

279 31.7 23.9 35.9



#29

Benzo(g,h,i)perylene

Concen: 0.414 ng/ul

RT: 26.873 min Scan# 5967

Delta R.T. 0.003 min

Lab File: BN021229.D

Acq: 15 Aug 2022 10:31

Tgt Ion:276 Resp: 8034

Ion Ratio Lower Upper

276 100

138 32.1 22.6 34.0

277 26.0 20.2 30.2

