

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050123\
 Data File : BN025208.D
 Acq On : 01 May 2023 15:05
 Operator : CG/JU
 Sample : PB152490BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS490

Quant Time: May 02 04:02:09 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 : Thu Apr 27 15:27:43 2023
 Response via : Initial Calibration

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

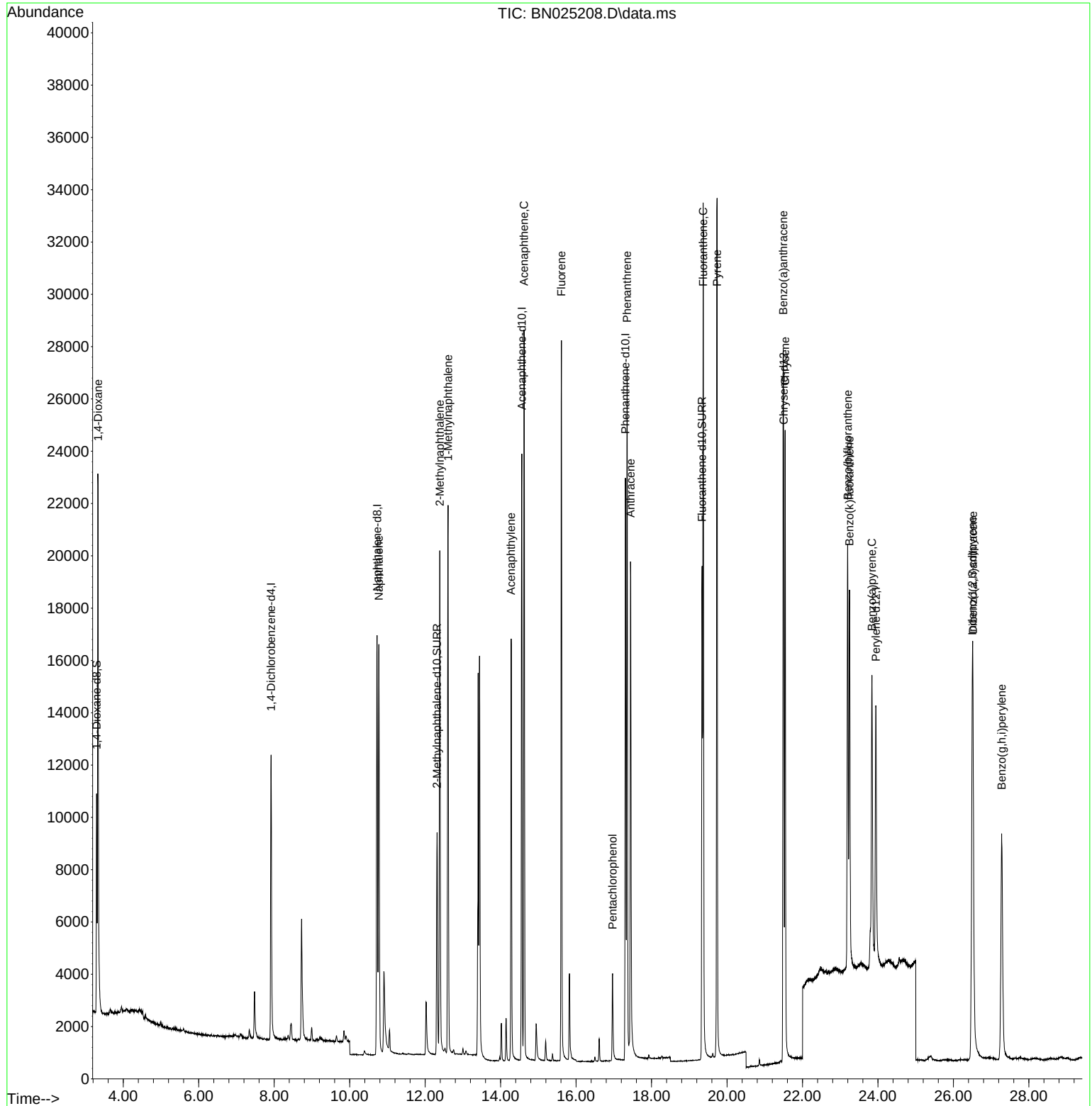
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	6383	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	21979	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	12756	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	26556	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	16018	0.400	ng/ul	0.00
23) Perylene-d12	23.943	264	13969	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	4921	0.745	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	11755	0.417	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	21546	0.510	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	13014	1.828	ng/ul	89
5) Naphthalene	10.776	128	22733	0.404	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	14321	0.415	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	14824	0.403	ng/ul	100
10) Acenaphthylene	14.279	152	19266	0.405	ng/ul	99
11) Acenaphthene	14.621	153	16336	0.408	ng/ul	100
12) Fluorene	15.611	166	17945	0.401	ng/ul	99
14) Pentachlorophenol	16.967	266	2652	0.509	ng/ul	100
15) Phenanthrene	17.351	178	28662	0.382	ng/ul	100
16) Anthracene	17.444	178	23724	0.387	ng/ul	100
19) Fluoranthene	19.368	202	29159	0.503	ng/ul	99
20) Pyrene	19.735	202	29044	0.488	ng/ul	99
21) Benzo(a)anthracene	21.488	228	20783	0.431	ng/ul	99
22) Chrysene	21.541	228	22478	0.427	ng/ul	100
24) Benzo(b)fluoranthene	23.198	252	21265	0.375	ng/ul	99
25) Benzo(k)fluoranthene	23.245	252	20919	0.384	ng/ul	98
26) Benzo(a)pyrene	23.841	252	17887	0.381	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.500	276	21953	0.406	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.517	278	17140	0.406	ng/ul	99
29) Benzo(g,h,i)perylene	27.279	276	19347	0.421	ng/ul	99

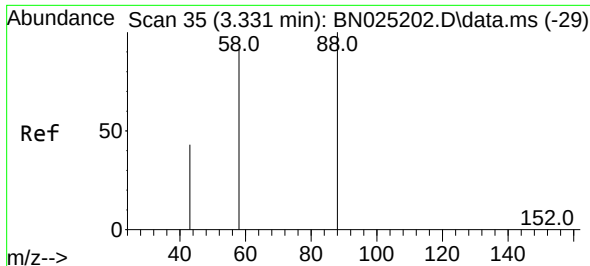
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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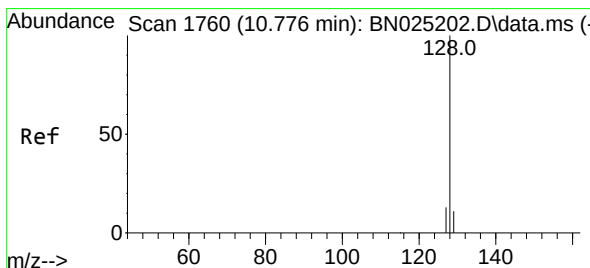
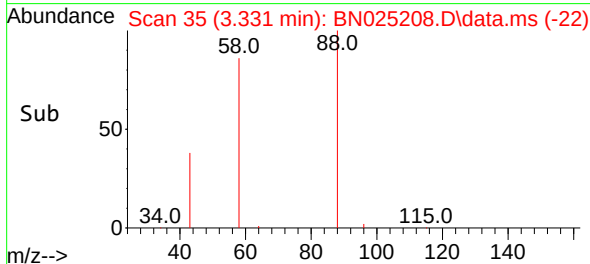
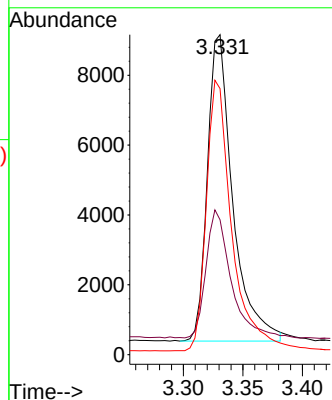
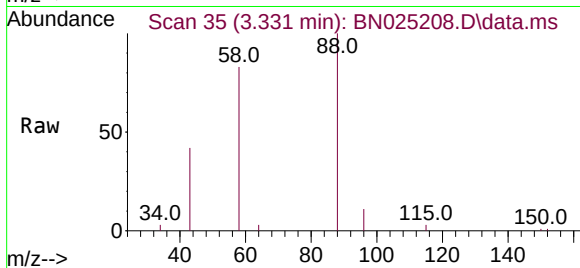


#2
 1,4-Dioxane
 Concen: 1.828 ng/ul
 RT: 3.331 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BN025208.D
 Acq: 01 May 2023 15:05

Instrument :
 BNA_N
 ClientSampleId :
 SLCS490

Tgt Ion: 88 Resp: 13014

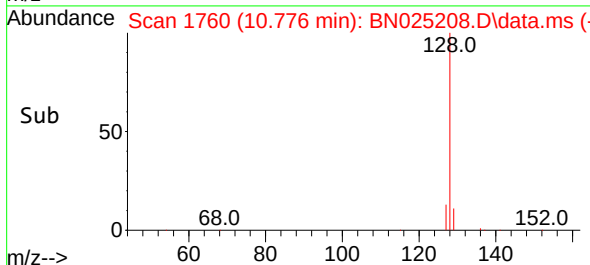
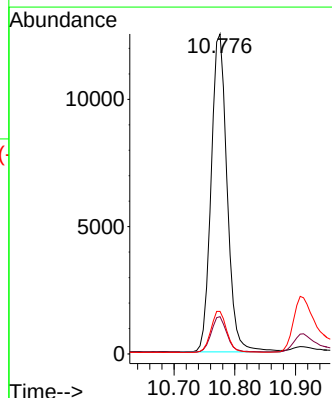
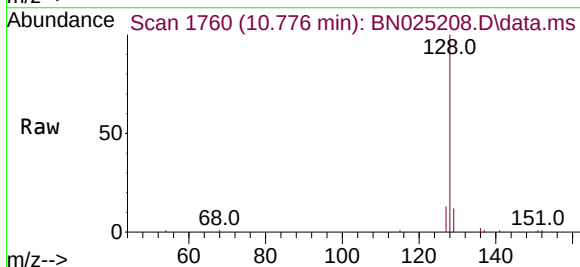
Ion	Ratio	Lower	Upper
88	100		
43	42.2	37.0	55.4
58	83.2	56.9	85.3

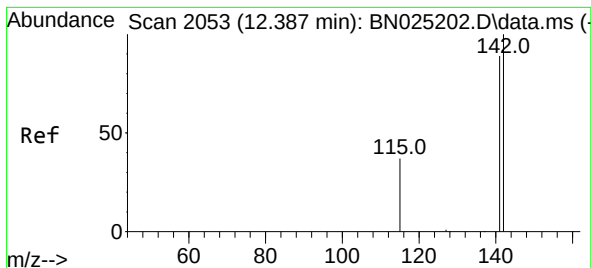


#5
 Naphthalene
 Concen: 0.404 ng/ul
 RT: 10.776 min Scan# 1760
 Delta R.T. 0.002 min
 Lab File: BN025208.D
 Acq: 01 May 2023 15:05

Tgt Ion: 128 Resp: 22733

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.3	10.7	16.1

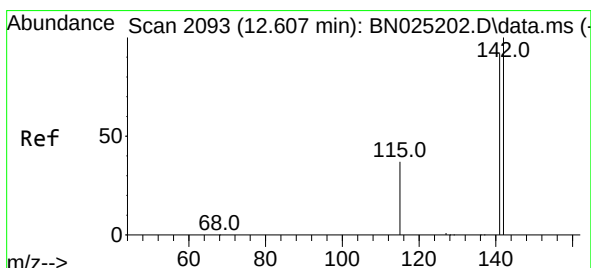
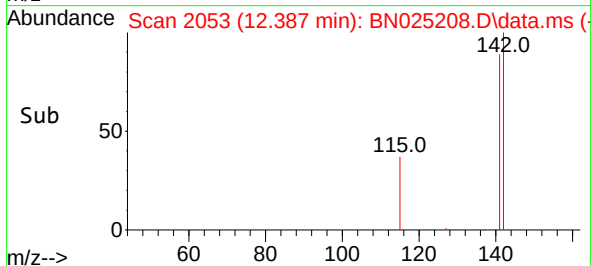
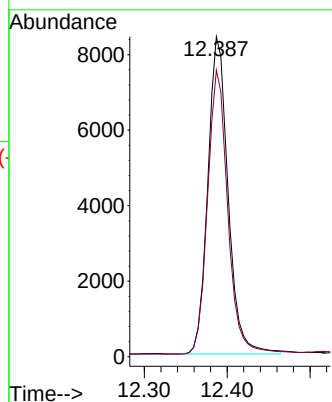
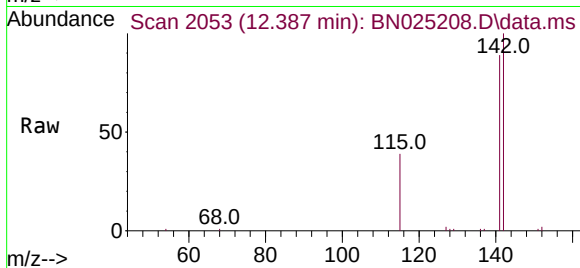




#7
2-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

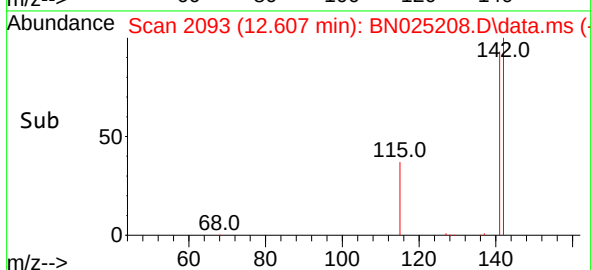
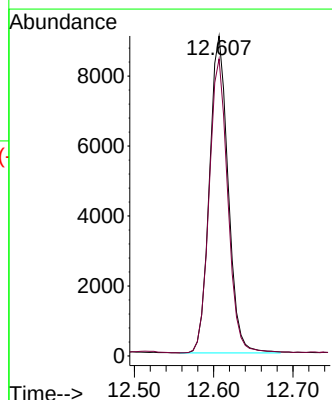
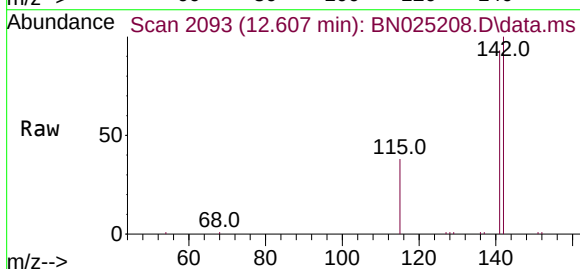
Instrument :
BNA_N
ClientSampleId :
SLCS490

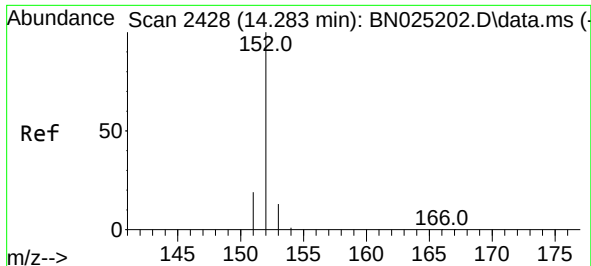
Tgt Ion:142 Resp: 14321
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

Tgt Ion:142 Resp: 14824
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.6

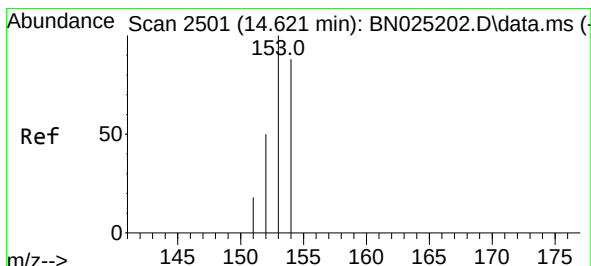
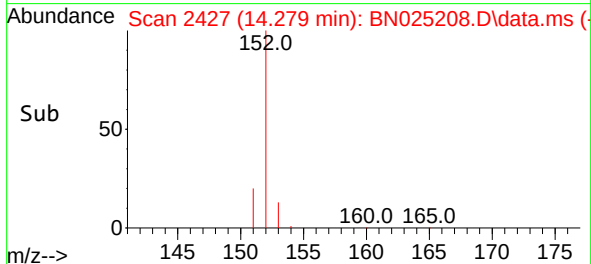
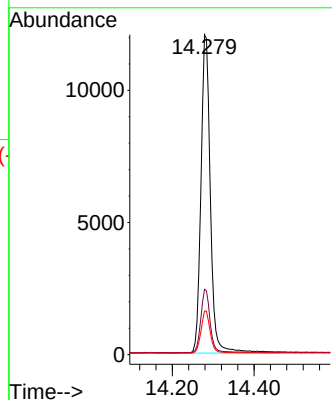
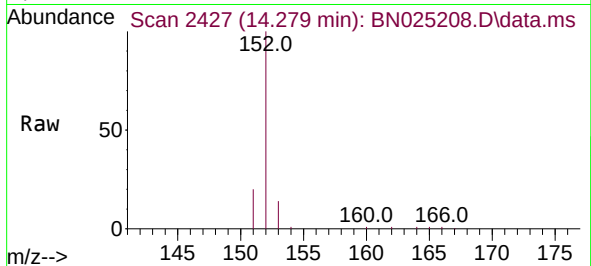




#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

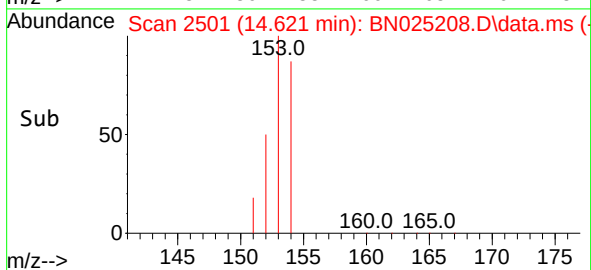
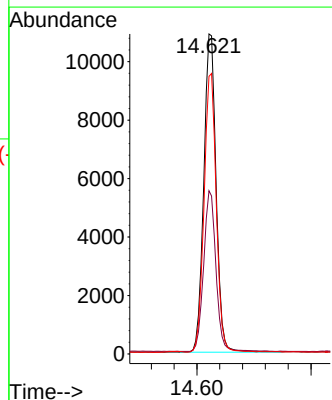
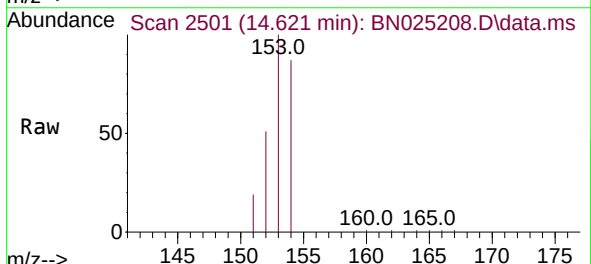
Instrument :
BNA_N
ClientSampleId :
SLCS490

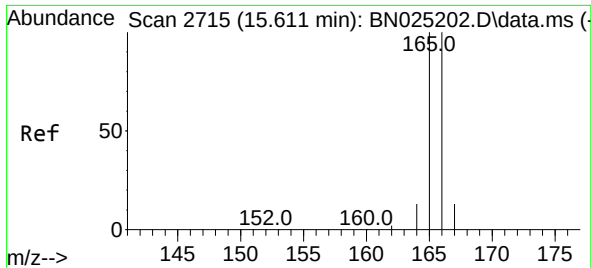
Tgt Ion:152 Resp: 19266
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.408 ng/ul
RT: 14.621 min Scan# 2501
Delta R.T. 0.001 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

Tgt Ion:153 Resp: 16336
Ion Ratio Lower Upper
153 100
152 51.0 40.2 60.4
154 86.8 69.4 104.2

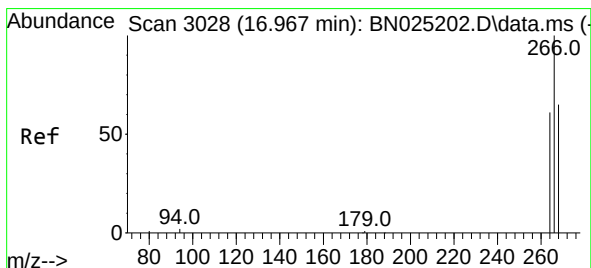
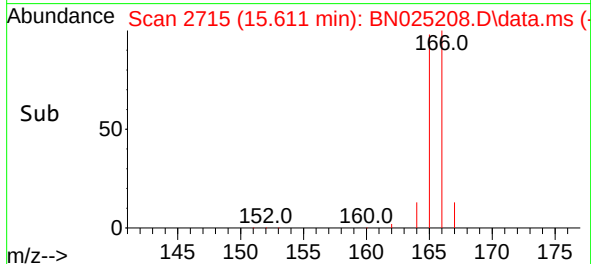
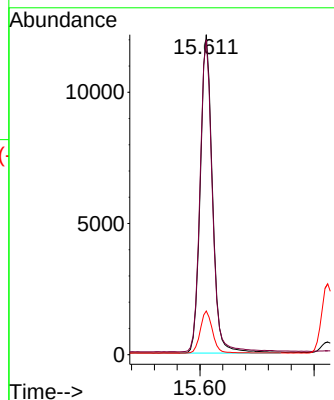
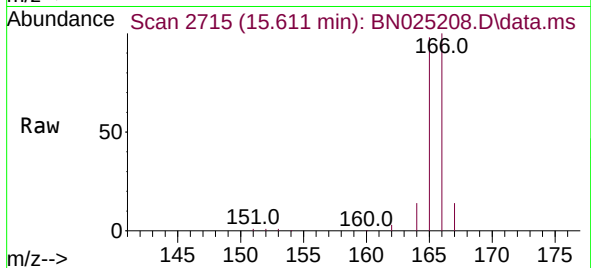




#12
Fluorene
Concen: 0.401 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. 0.001 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

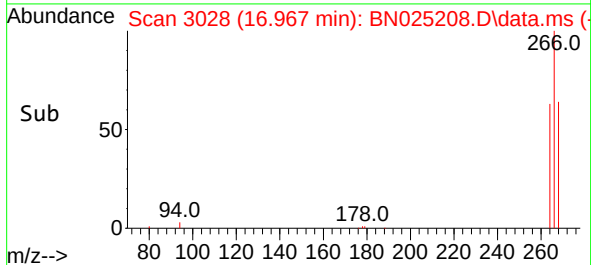
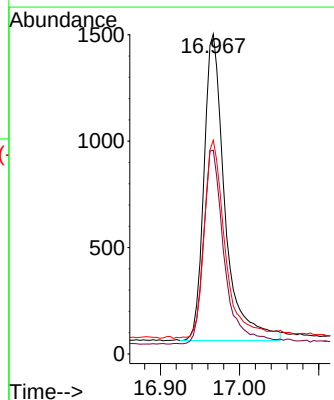
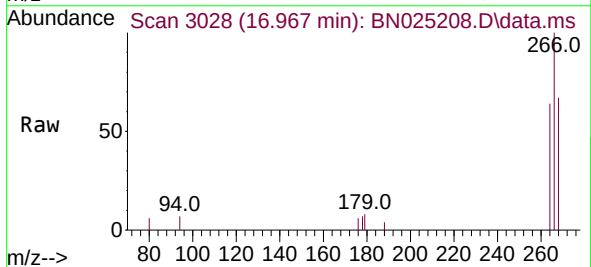
Instrument :
BNA_N
ClientSampleId :
SLCS490

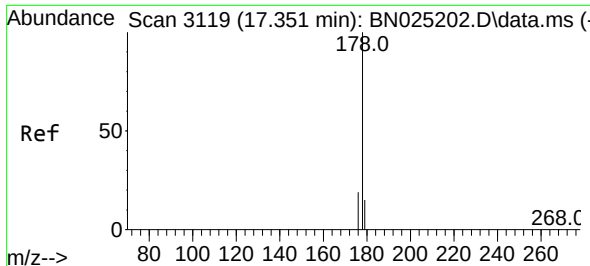
Tgt Ion:166 Resp: 17945
Ion Ratio Lower Upper
166 100
165 98.4 78.1 117.1
167 13.6 11.0 16.6



#14
Pentachlorophenol
Concen: 0.509 ng/ul
RT: 16.967 min Scan# 3028
Delta R.T. 0.001 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

Tgt Ion:266 Resp: 2652
Ion Ratio Lower Upper
266 100
264 62.2 49.6 74.4
268 64.4 51.3 76.9

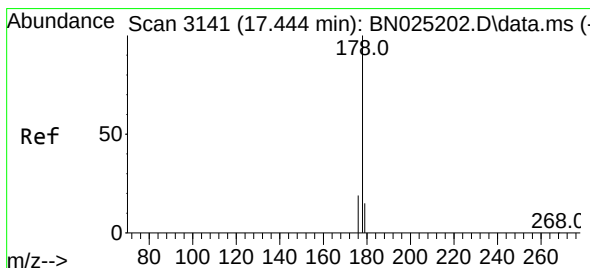
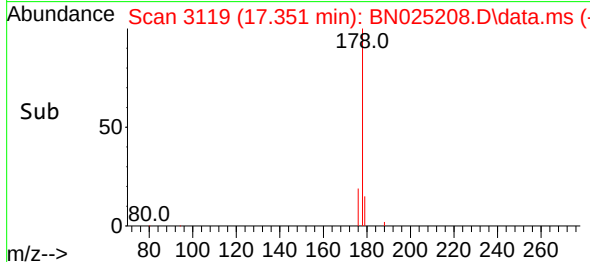
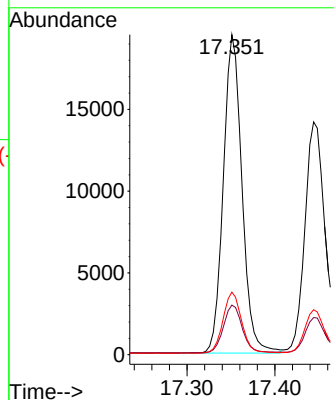
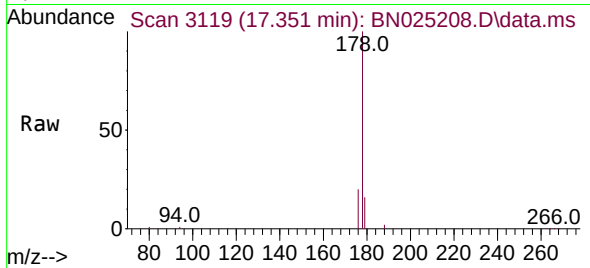




#15
Phenanthrene
Concen: 0.382 ng/u1
RT: 17.351 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

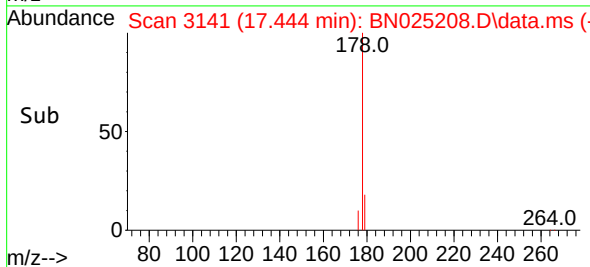
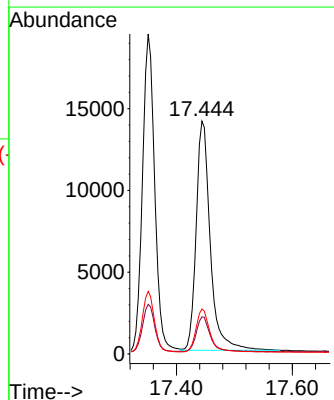
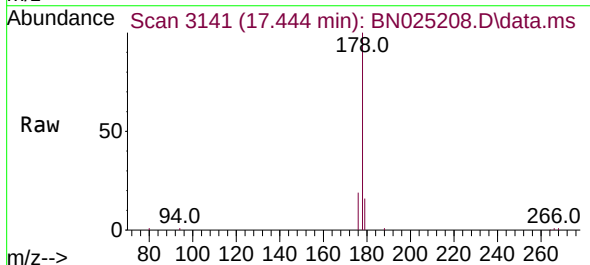
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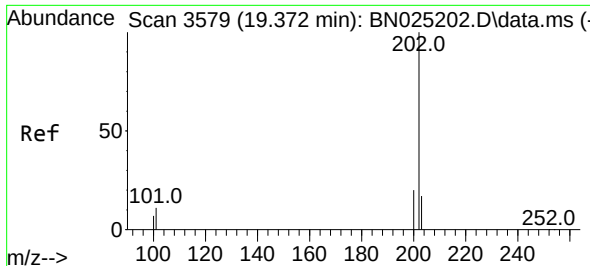
Tgt Ion:178 Resp: 28662
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.387 ng/u1
RT: 17.444 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

Tgt Ion:178 Resp: 23724
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.3 15.3 22.9

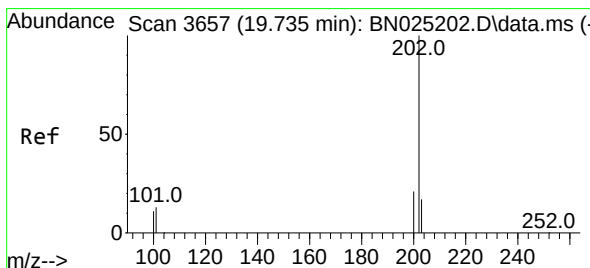
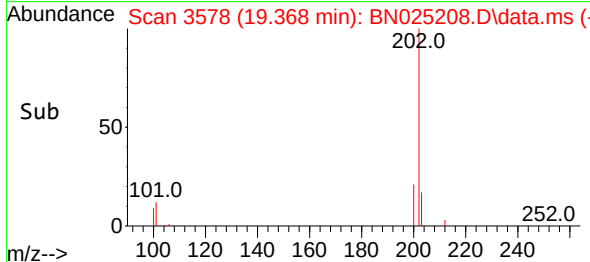
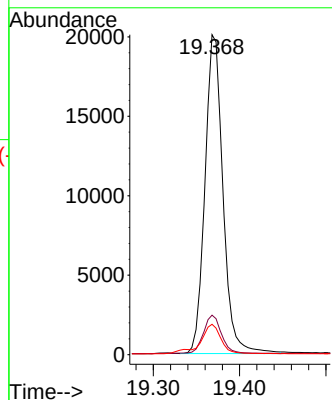
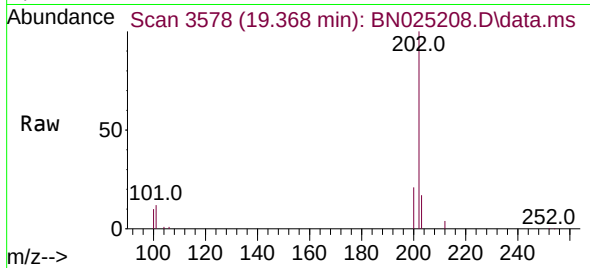




#19
Fluoranthene
Concen: 0.503 ng/u1
RT: 19.368 min Scan# 3578
Delta R.T. -0.004 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

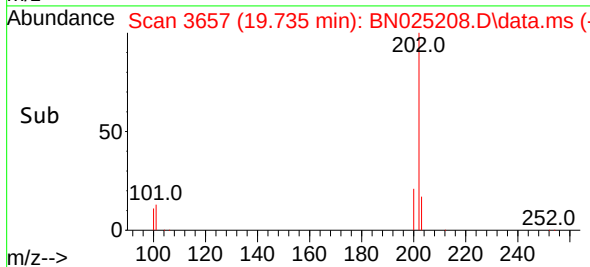
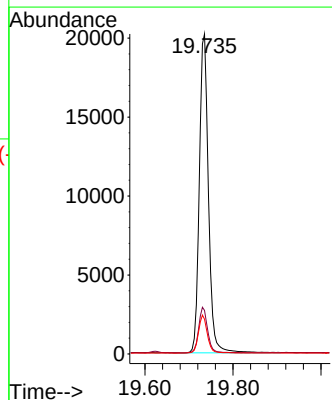
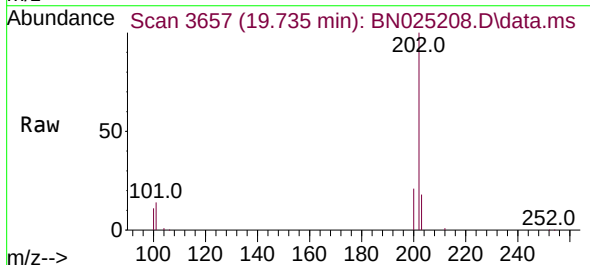
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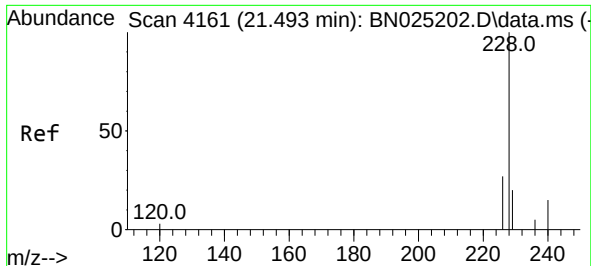
Tgt Ion:202 Resp: 29159
Ion Ratio Lower Upper
202 100
101 12.4 9.7 14.5
100 9.5 7.3 10.9



#20
Pyrene
Concen: 0.488 ng/u1
RT: 19.735 min Scan# 3657
Delta R.T. 0.001 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

Tgt Ion:202 Resp: 29044
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 10.8 9.2 13.8

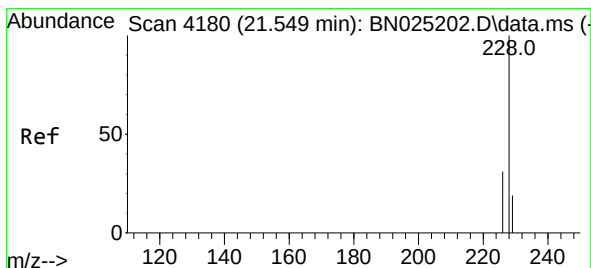
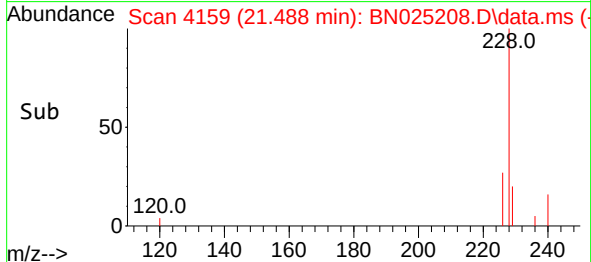
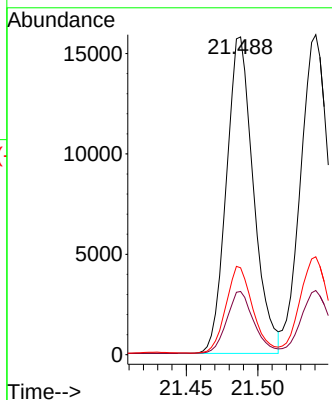
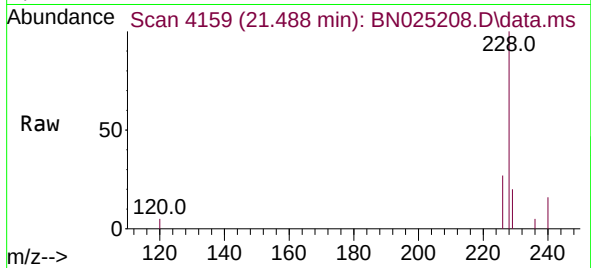




#21
Benzo(a)anthracene
Concen: 0.431 ng/ul
RT: 21.488 min Scan# 4161
Delta R.T. -0.002 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

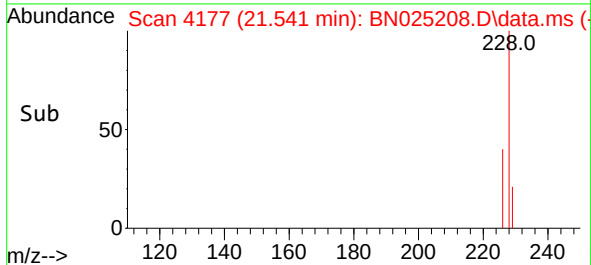
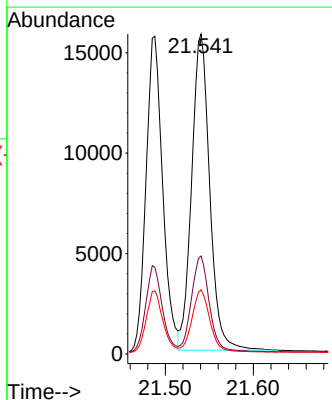
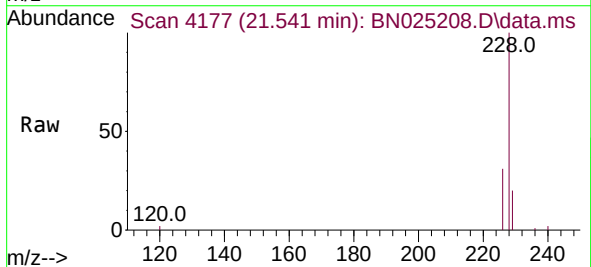
Instrument :
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ClientSampleId :
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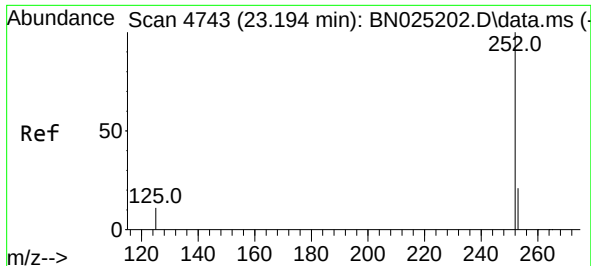
Tgt Ion:228 Resp: 20783
Ion Ratio Lower Upper
228 100
229 19.9 15.6 23.4
226 27.4 22.1 33.1



#22
Chrysene
Concen: 0.427 ng/ul
RT: 21.541 min Scan# 4177
Delta R.T. -0.002 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

Tgt Ion:228 Resp: 22478
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 20.0 15.8 23.6

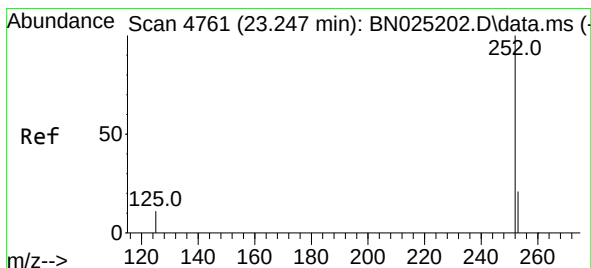
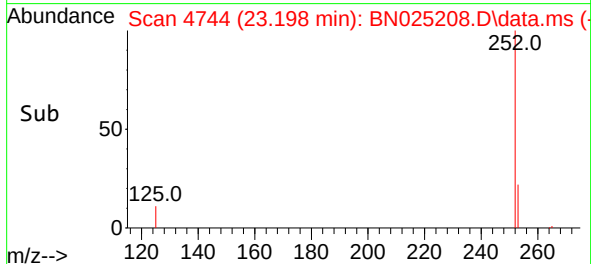
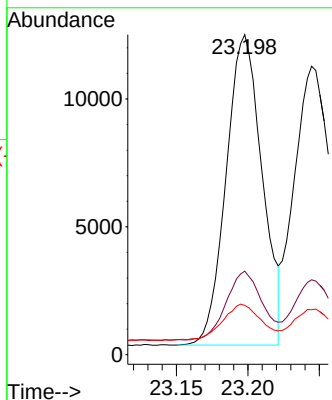
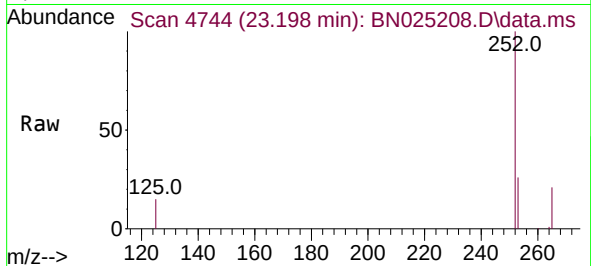




#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.198 min Scan# 4744
Delta R.T. -0.002 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

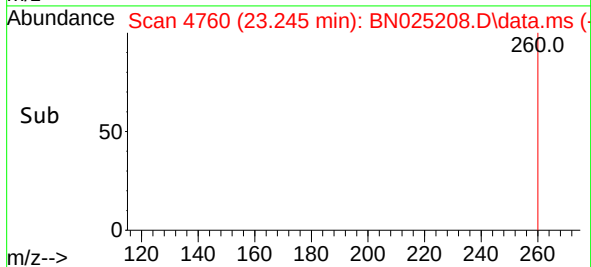
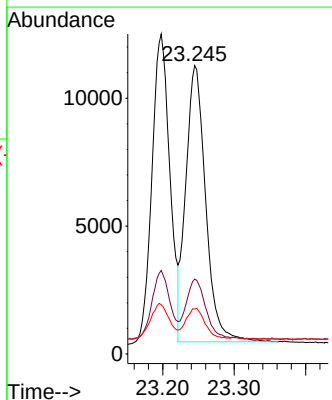
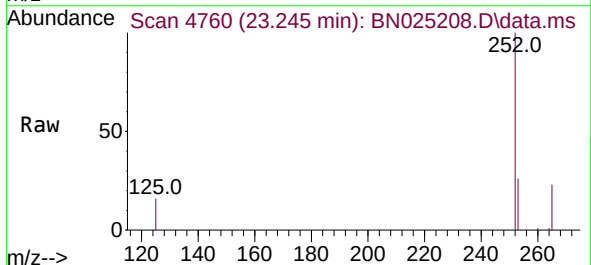
Instrument :
BNA_N
ClientSampleId :
SLCS490

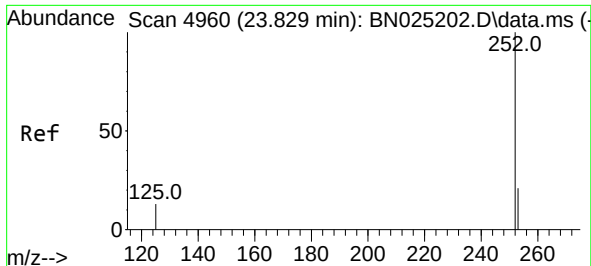
Tgt Ion:252 Resp: 21265
Ion Ratio Lower Upper
252 100
253 26.1 0.0 50.2
125 15.4 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.384 ng/ul
RT: 23.245 min Scan# 4760
Delta R.T. -0.002 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

Tgt Ion:252 Resp: 20919
Ion Ratio Lower Upper
252 100
253 26.0 20.2 30.4
125 15.6 11.8 17.8

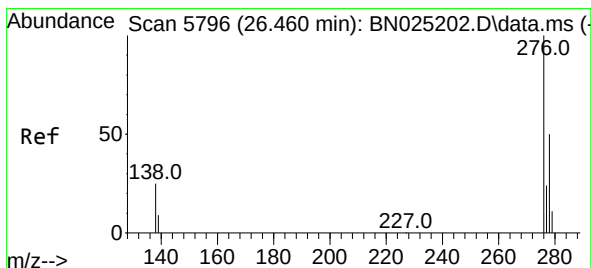
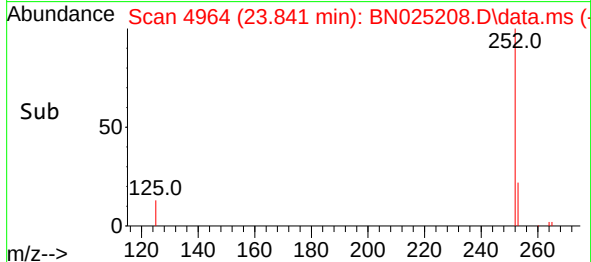
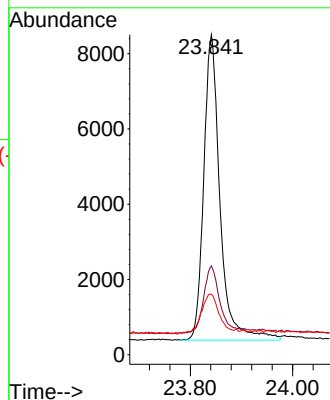
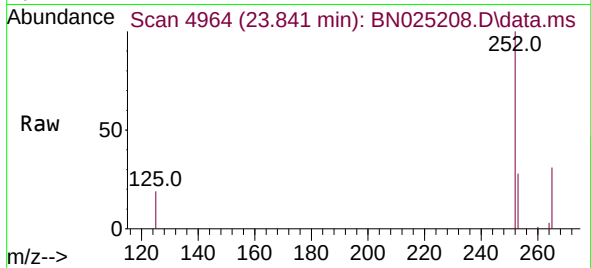




#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 23.841 min Scan# 4960
Delta R.T. -0.002 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

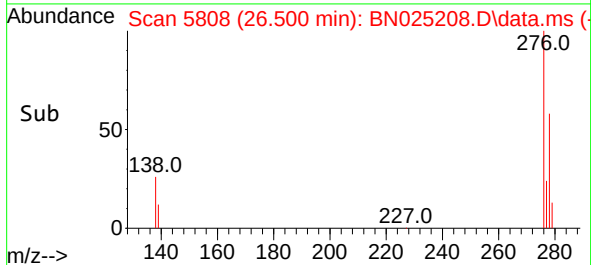
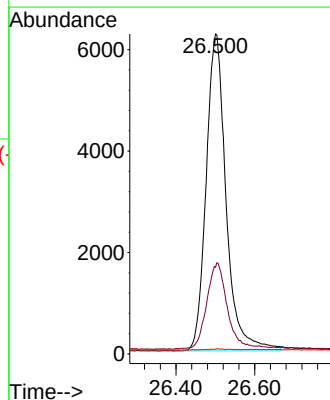
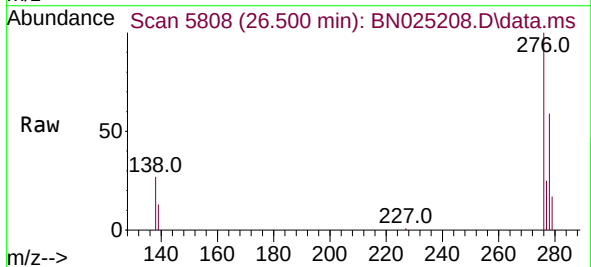
Instrument :
BNA_N
ClientSampleId :
SLCS490

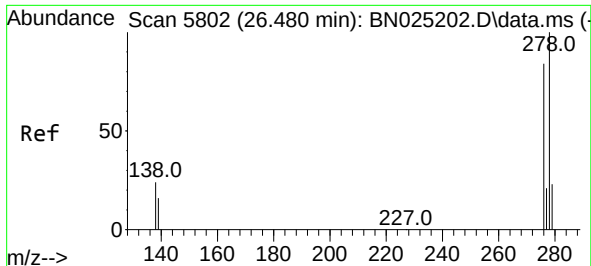
Tgt Ion:252 Resp: 17887
Ion Ratio Lower Upper
252 100
253 27.7 21.4 32.2
125 18.9 14.6 22.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.500 min Scan# 5808
Delta R.T. 0.018 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

Tgt Ion:276 Resp: 21953
Ion Ratio Lower Upper
276 100
138 27.8 21.9 32.9
227 0.2 0.1 0.1#

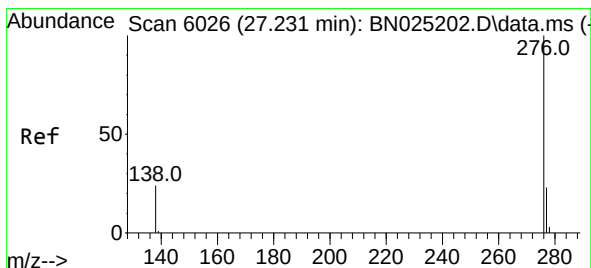
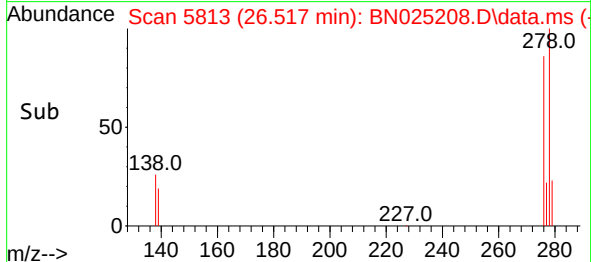
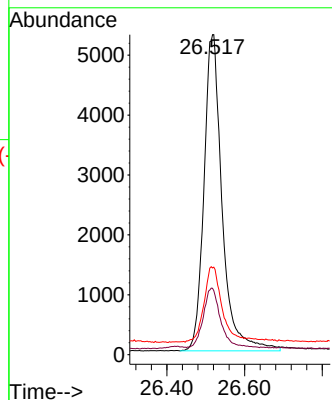
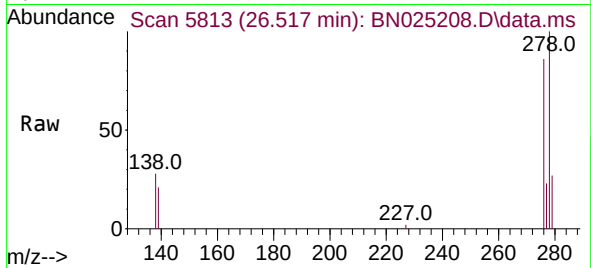




#28
Dibenzo(a,h)anthracene
Concen: 0.406 ng/ul
RT: 26.517 min Scan# 5813
Delta R.T. 0.011 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

Instrument :
BNA_N
ClientSampleId :
SLCS490

Tgt Ion:278 Resp: 17140
Ion Ratio Lower Upper
278 100
139 20.7 17.0 25.6
279 27.1 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.421 ng/ul
RT: 27.279 min Scan# 6040
Delta R.T. 0.018 min
Lab File: BN025208.D
Acq: 01 May 2023 15:05

Tgt Ion:276 Resp: 19347
Ion Ratio Lower Upper
276 100
138 25.8 20.3 30.5
277 24.9 19.8 29.6

