

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026560.D
 Acq On : 18 Jul 2023 12:25
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 19 00:11:59 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 17 17:14:21 2023
 Response via : Initial Calibration

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

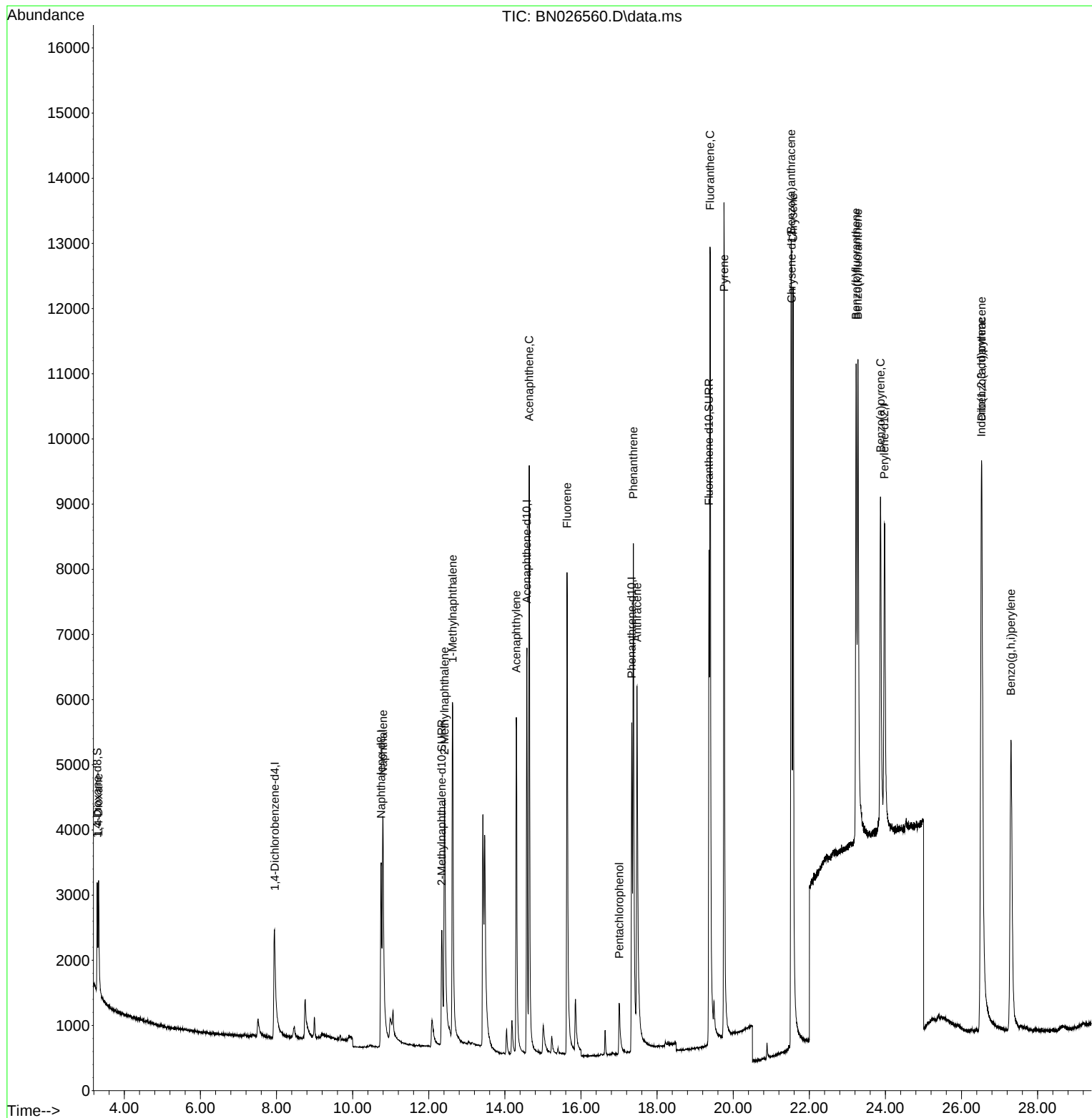
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	2104	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	6530	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.580	164	4064	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	8436	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	7688	0.400	ng/ul	# 0.01
23) Perylene-d12	23.976	264	7549	0.400	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	1227	0.443	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	3849	0.434	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	10992	0.412	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	1260	0.481	ng/ul#	82
5) Naphthalene	10.798	128	7359	0.410	ng/ul	99
7) 2-Methylnaphthalene	12.415	142	4302	0.423	ng/ul	100
8) 1-Methylnaphthalene	12.629	142	4782	0.439	ng/ul	100
10) Acenaphthylene	14.302	152	8084	0.406	ng/ul	99
11) Acenaphthene	14.640	153	6193	0.408	ng/ul	99
12) Fluorene	15.634	166	6821	0.429	ng/ul	99
14) Pentachlorophenol	17.005	266	906	0.426	ng/ul	97
15) Phenanthrene	17.377	178	10615	0.395	ng/ul	99
16) Anthracene	17.474	178	9738	0.418	ng/ul	96
19) Fluoranthene	19.396	202	13826	0.384	ng/ul#	95
20) Pyrene	19.759	202	14827	0.379	ng/ul#	96
21) Benzo(a)anthracene	21.520	228	11506	0.407	ng/ul	99
22) Chrysene	21.573	228	12639	0.393	ng/ul	99
24) Benzo(b)fluoranthene	23.230	252	11779	0.401	ng/ul	93
25) Benzo(k)fluoranthene	23.277	252	13186	0.428	ng/ul#	92
26) Benzo(a)pyrene	23.870	252	11107	0.424	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.521	276	14870	0.433	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.531	278	12030	0.457	ng/ul#	88
29) Benzo(g,h,i)perylene	27.299	276	12795	0.422	ng/ul#	89

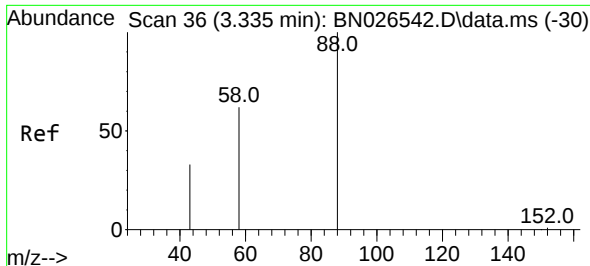
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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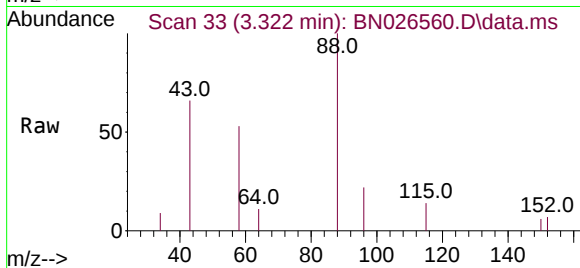
Quant Time: Jul 19 00:11:59 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration



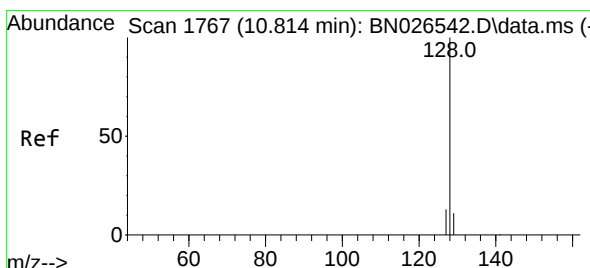
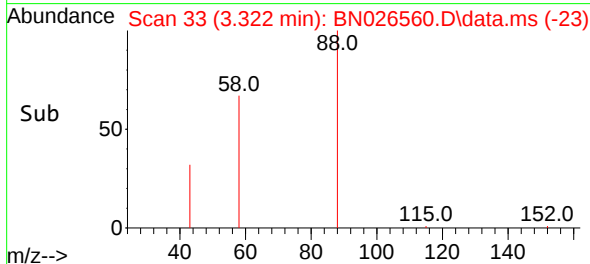
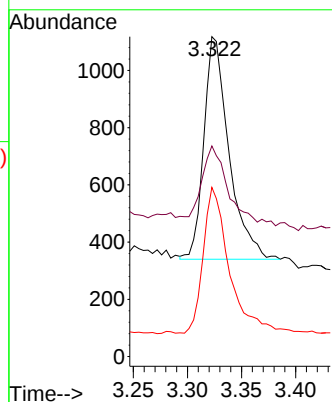


#2
 1,4-Dioxane
 Concen: 0.481 ng/ul
 RT: 3.322 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BN026560.D
 Acq: 18 Jul 2023 12:25

Instrument :
 BNA_N
 ClientSampleId :

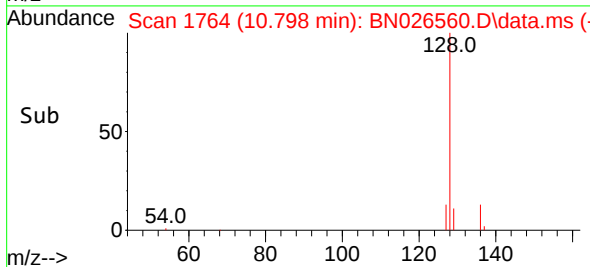
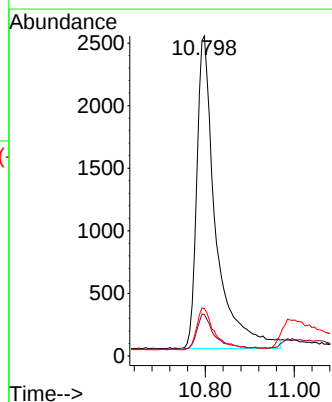
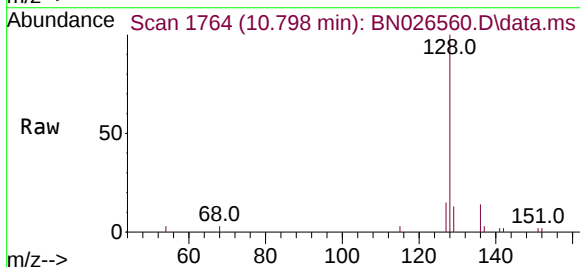


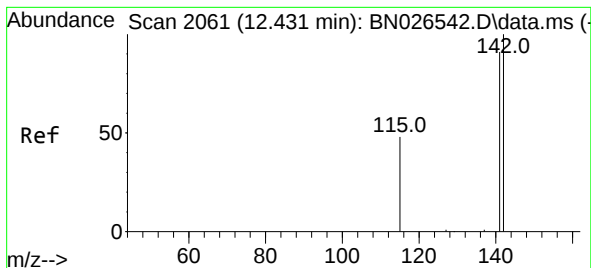
Tgt Ion: 88 Resp: 1260
 Ion Ratio Lower Upper
 88 100
 43 65.8 33.0 49.6#
 58 52.9 41.7 62.5



#5
 Naphthalene
 Concen: 0.410 ng/ul
 RT: 10.798 min Scan# 1764
 Delta R.T. 0.000 min
 Lab File: BN026560.D
 Acq: 18 Jul 2023 12:25

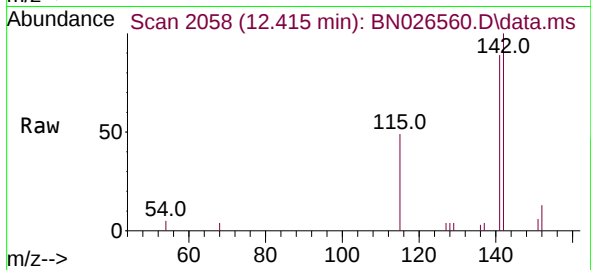
Tgt Ion:128 Resp: 7359
 Ion Ratio Lower Upper
 128 100
 129 13.0 10.2 15.2
 127 14.9 11.4 17.0



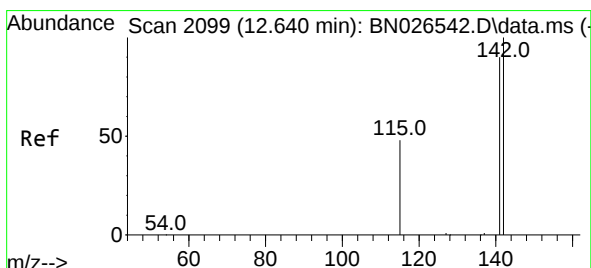
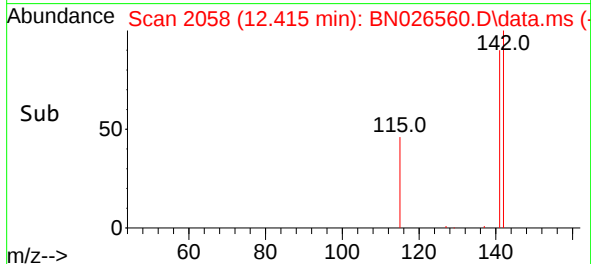
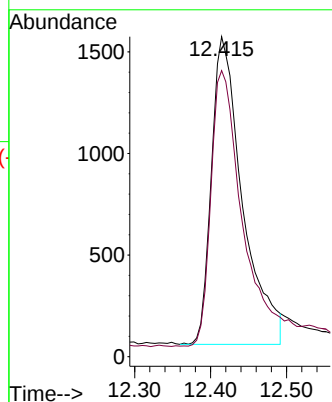


#7
2-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.415 min Scan# 2058
Delta R.T. -0.005 min
Lab File: BN026560.D
Acq: 18 Jul 2023 12:25

Instrument :
BNA_N
ClientSampleId :

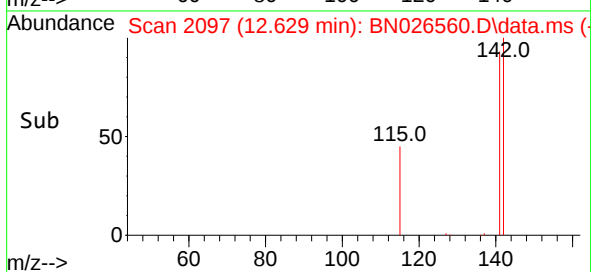
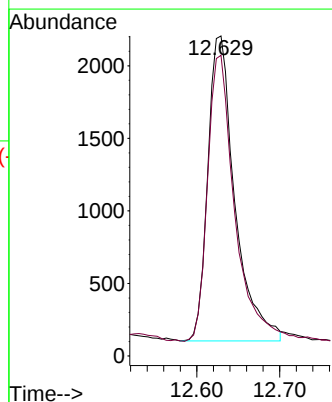
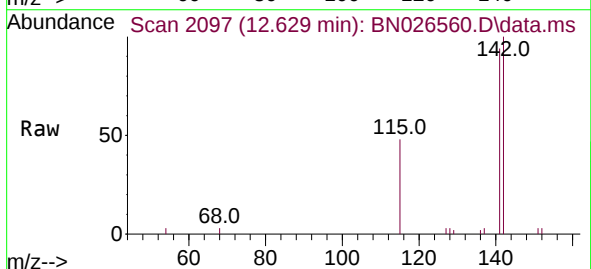


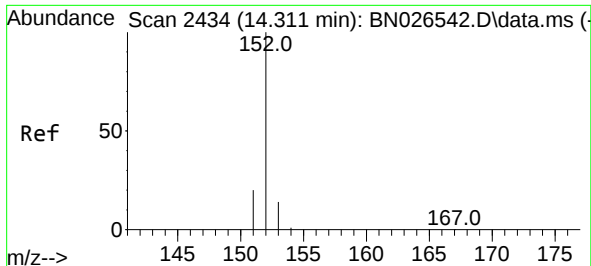
Tgt Ion:142 Resp: 4302
Ion Ratio Lower Upper
142 100
141 90.2 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.439 ng/ul
RT: 12.629 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN026560.D
Acq: 18 Jul 2023 12:25

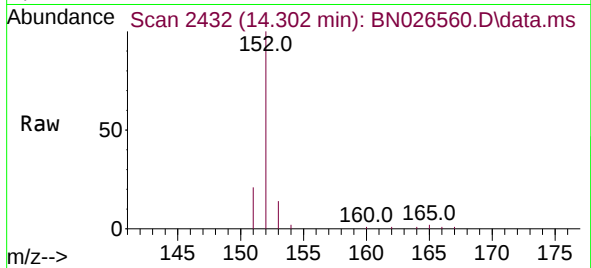
Tgt Ion:142 Resp: 4782
Ion Ratio Lower Upper
142 100
141 93.4 74.5 111.7



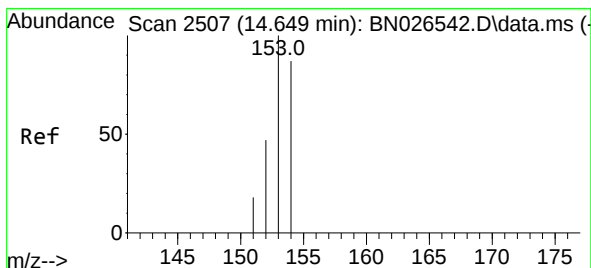
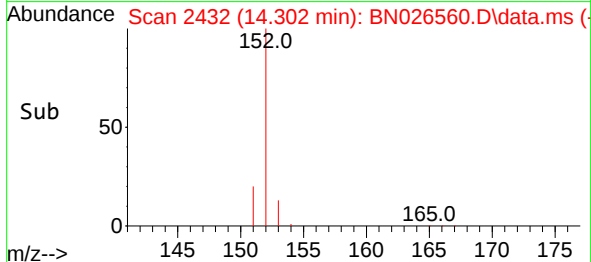
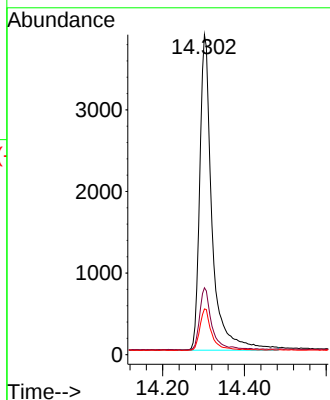


#10
Acenaphthylene
Concen: 0.406 ng/ul
RT: 14.302 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN026560.D
Acq: 18 Jul 2023 12:25

Instrument :
BNA_N
ClientSampleId :

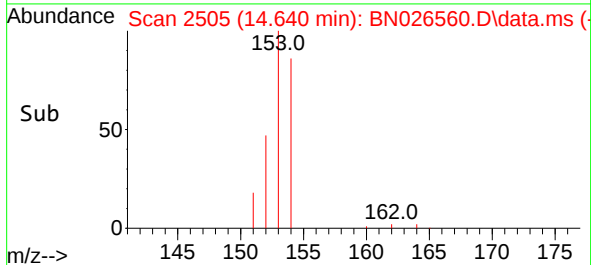
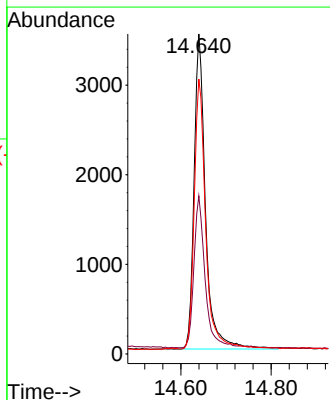
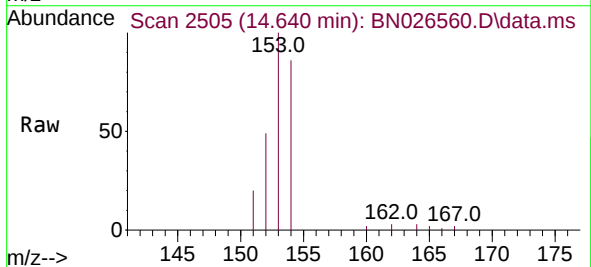


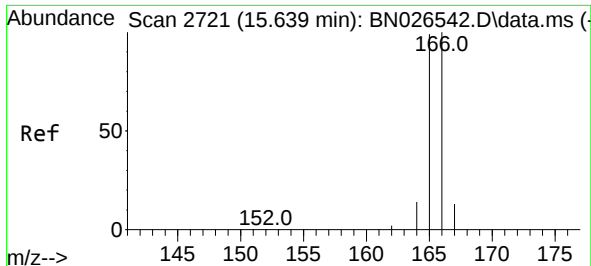
Tgt Ion:152 Resp: 8084
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.6
153 14.3 11.4 17.2



#11
Acenaphthene
Concen: 0.408 ng/ul
RT: 14.640 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN026560.D
Acq: 18 Jul 2023 12:25

Tgt Ion:153 Resp: 6193
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 85.9 69.3 103.9

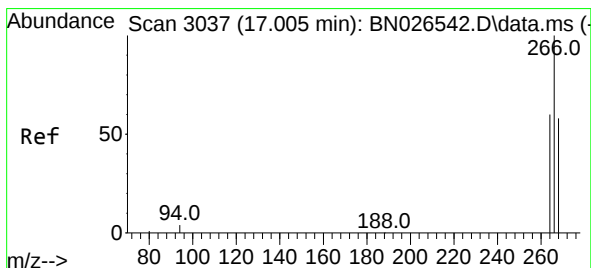
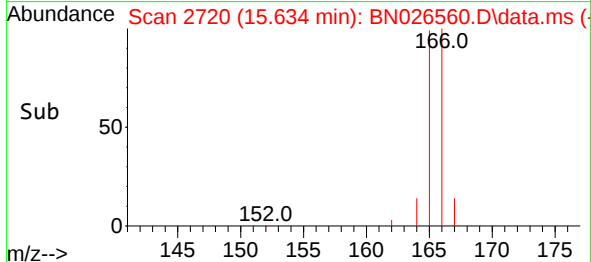
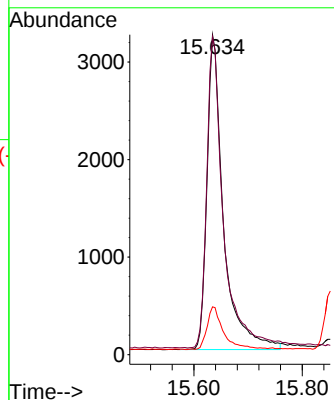
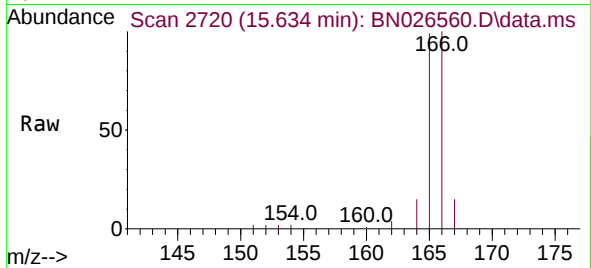




#12
Fluorene
Concen: 0.429 ng/ul
RT: 15.634 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN026560.D
Acq: 18 Jul 2023 12:25

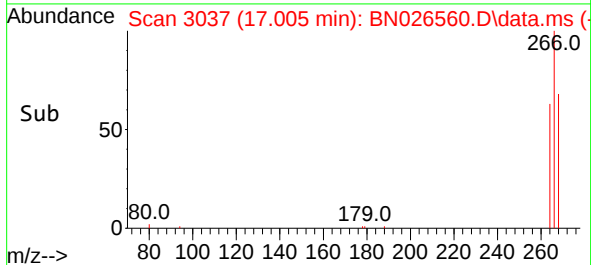
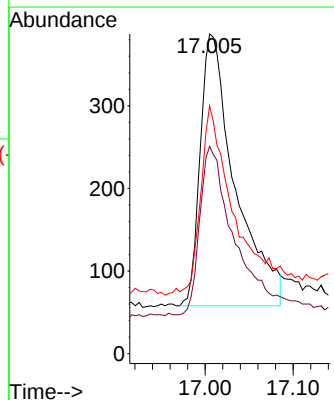
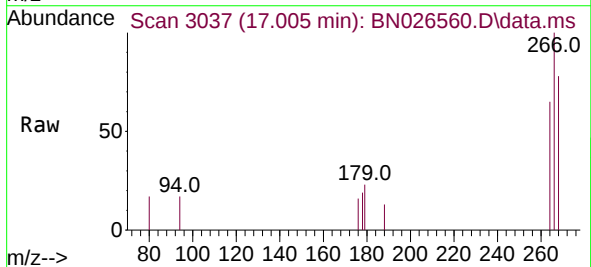
Instrument :
BNA_N
ClientSampleId :

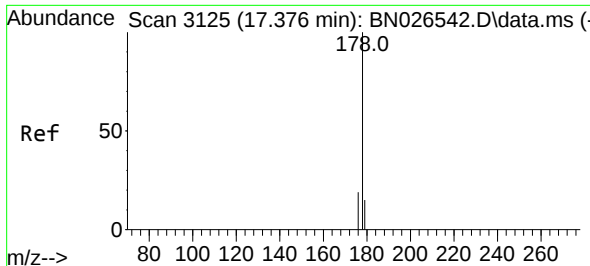
Tgt Ion:166 Resp: 6821
Ion Ratio Lower Upper
166 100
165 99.4 80.6 120.8
167 15.0 12.0 18.0



#14
Pentachlorophenol
Concen: 0.426 ng/ul
RT: 17.005 min Scan# 3037
Delta R.T. 0.009 min
Lab File: BN026560.D
Acq: 18 Jul 2023 12:25

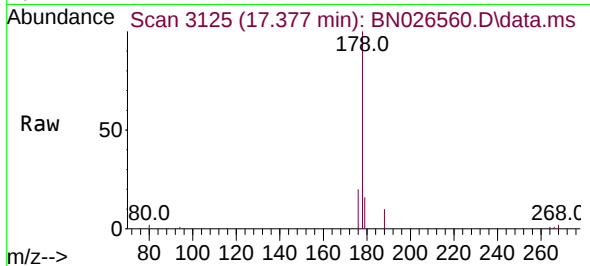
Tgt Ion:266 Resp: 906
Ion Ratio Lower Upper
266 100
264 61.3 52.0 78.0
268 65.3 53.0 79.6



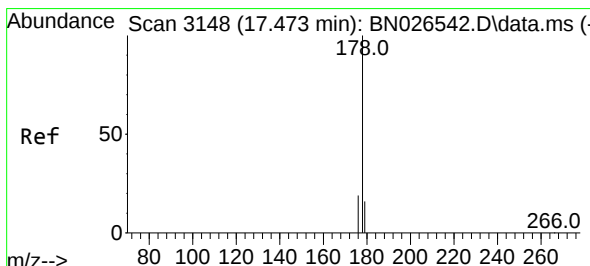
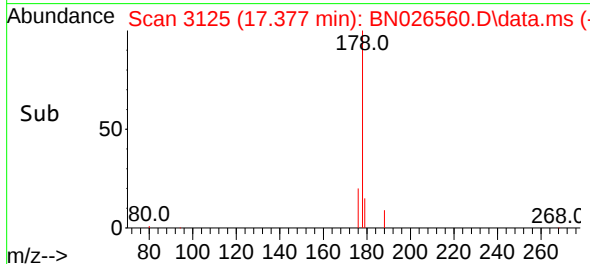
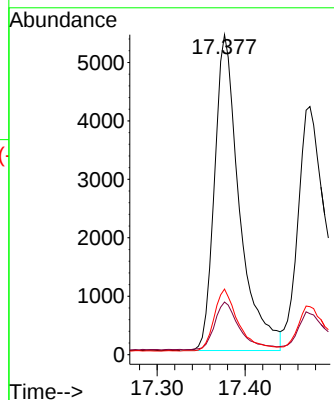


#15
Phenanthrene
Concen: 0.395 ng/u1
RT: 17.377 min Scan# 3125
Delta R.T. 0.004 min
Lab File: BN026560.D
Acq: 18 Jul 2023 12:25

Instrument :
BNA_N
ClientSampleId :

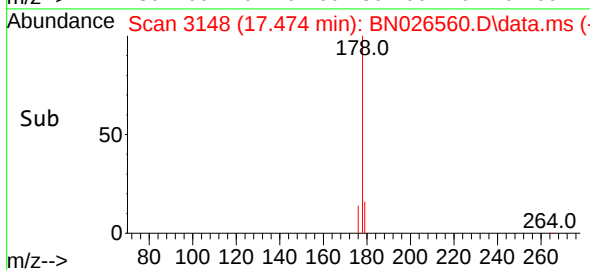
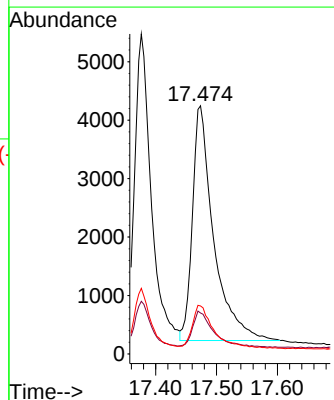
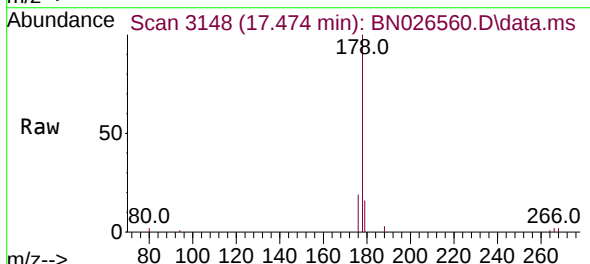


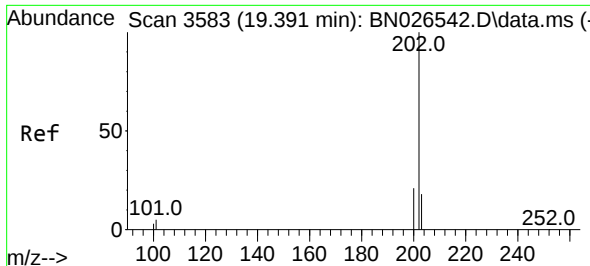
Tgt Ion:178 Resp: 10615
Ion Ratio Lower Upper
178 100
179 16.4 13.7 20.5
176 20.5 16.5 24.7



#16
Anthracene
Concen: 0.418 ng/u1
RT: 17.474 min Scan# 3148
Delta R.T. 0.009 min
Lab File: BN026560.D
Acq: 18 Jul 2023 12:25

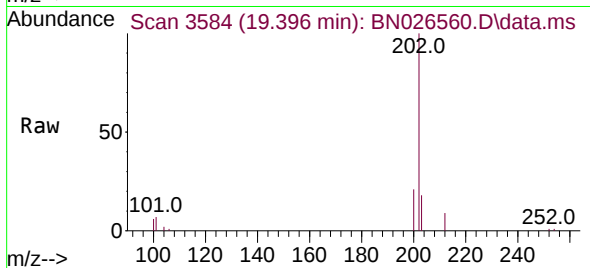
Tgt Ion:178 Resp: 9738
Ion Ratio Lower Upper
178 100
179 16.5 14.8 22.2
176 19.4 16.6 25.0



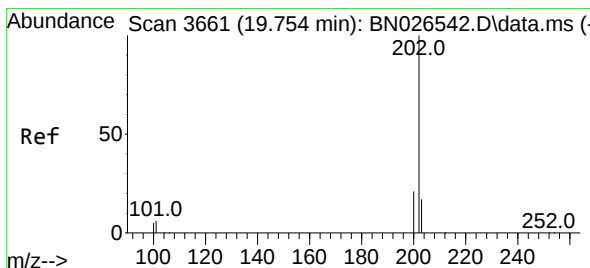
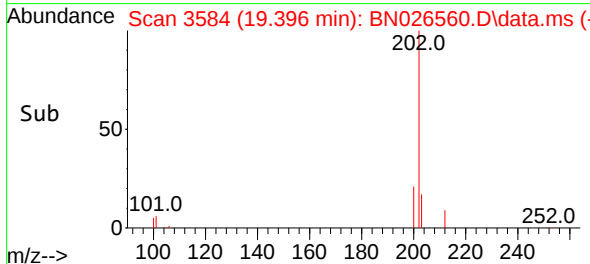
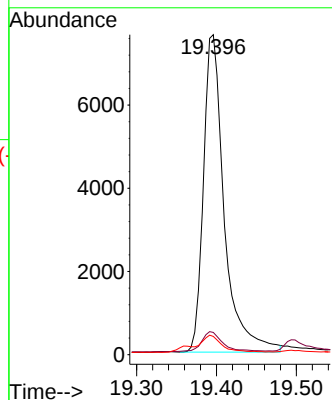


#19
Fluoranthene
Concen: 0.384 ng/u1
RT: 19.396 min Scan# 3584
Delta R.T. 0.009 min
Lab File: BN026560.D
Acq: 18 Jul 2023 12:25

Instrument :
BNA_N
ClientSampleId :

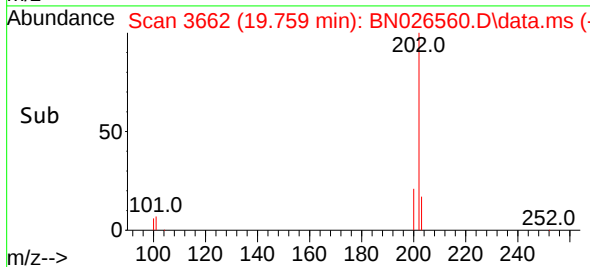
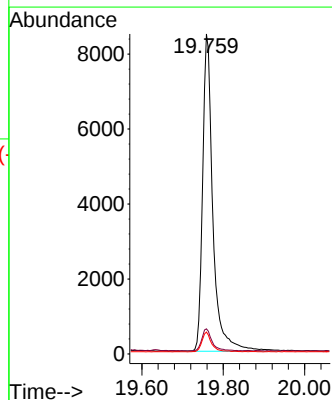
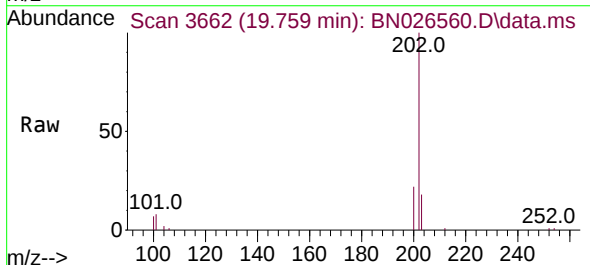


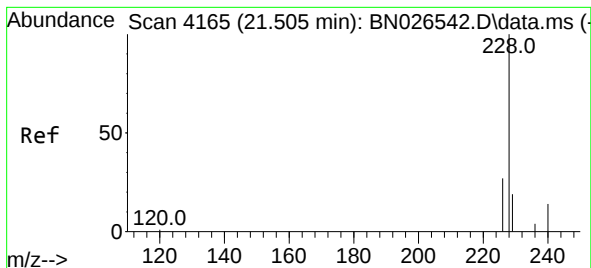
Tgt Ion:202 Resp: 13826
Ion Ratio Lower Upper
202 100
101 7.0 7.0 10.4#
100 5.7 6.0 9.0#



#20
Pyrene
Concen: 0.379 ng/u1
RT: 19.759 min Scan# 3662
Delta R.T. 0.009 min
Lab File: BN026560.D
Acq: 18 Jul 2023 12:25

Tgt Ion:202 Resp: 14827
Ion Ratio Lower Upper
202 100
101 7.9 8.0 12.0#
100 6.8 6.2 9.2





#21

Benzo(a)anthracene

Concen: 0.407 ng/ul

RT: 21.520 min Scan# 4165

Delta R.T. 0.018 min

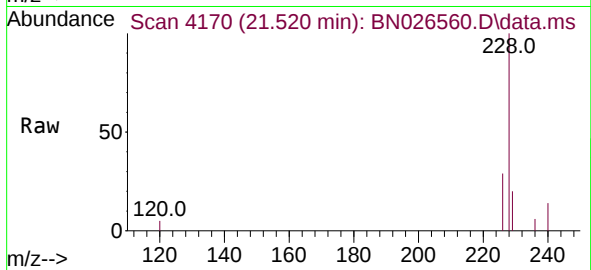
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Acq: 18 Jul 2023 12:25

Instrument :

BNA_N

ClientSampleId :



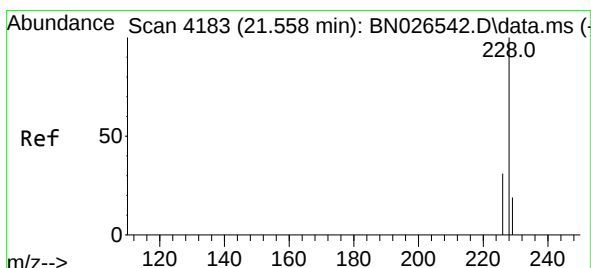
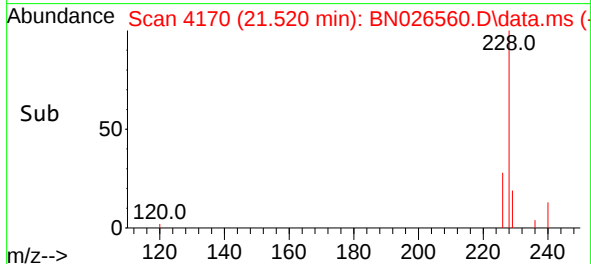
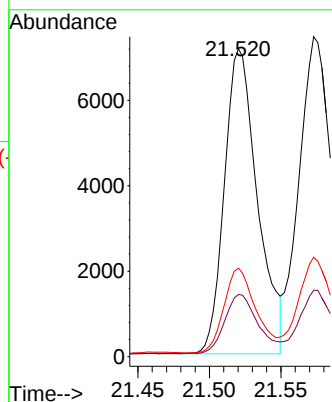
Tgt Ion:228 Resp: 11506

Ion Ratio Lower Upper

228 100

229 20.2 16.7 25.1

226 28.8 23.5 35.3



#22

Chrysene

Concen: 0.393 ng/ul

RT: 21.573 min Scan# 4188

Delta R.T. 0.015 min

Lab File: BN026560.D

Acq: 18 Jul 2023 12:25

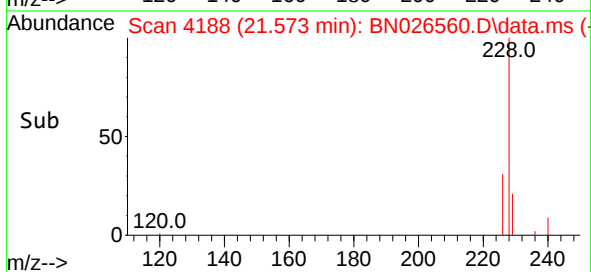
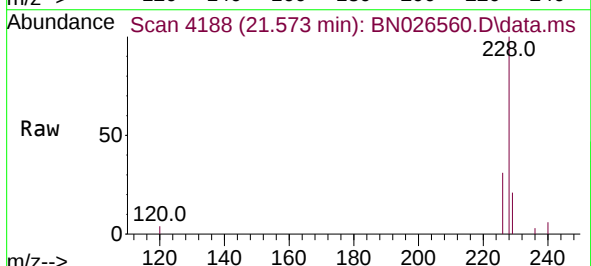
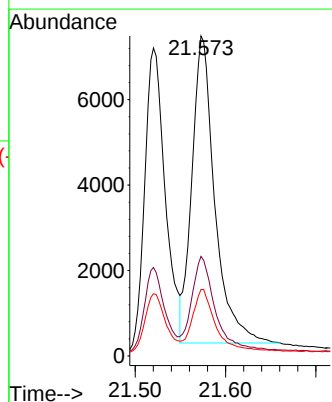
Tgt Ion:228 Resp: 12639

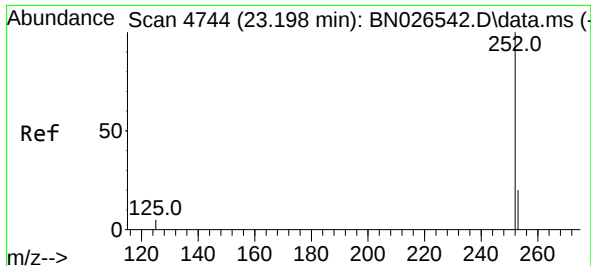
Ion Ratio Lower Upper

228 100

226 31.1 25.2 37.8

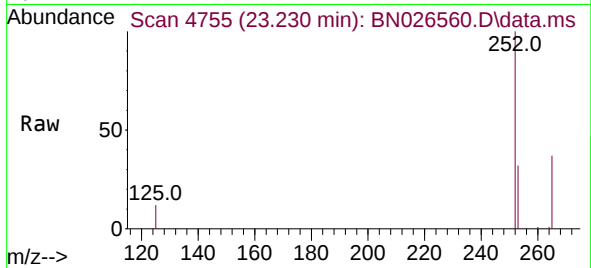
229 20.7 16.4 24.6



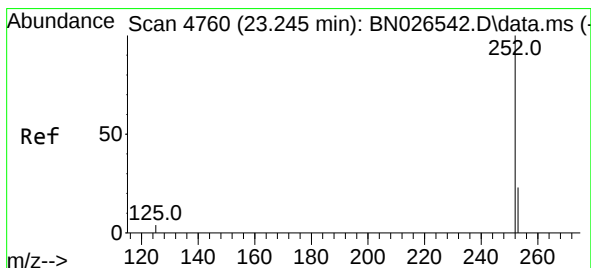
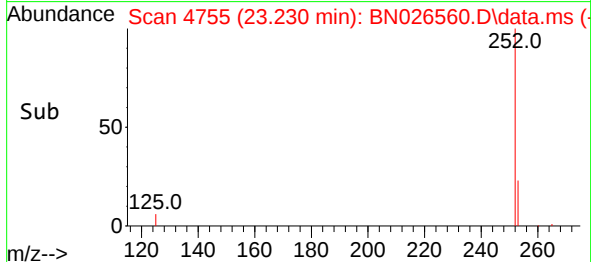
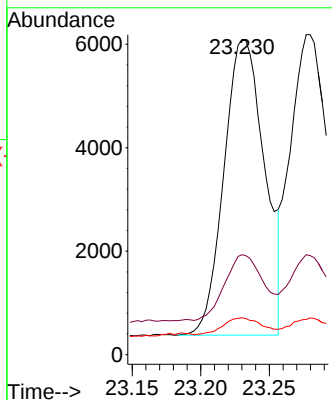


#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 23.230 min Scan# 4755
Delta R.T. 0.035 min
Lab File: BN026560.D
Acq: 18 Jul 2023 12:25

Instrument :
BNA_N
ClientSampleId :

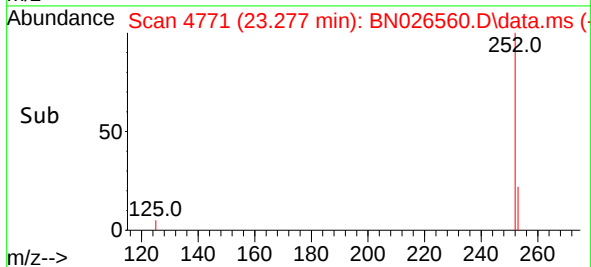
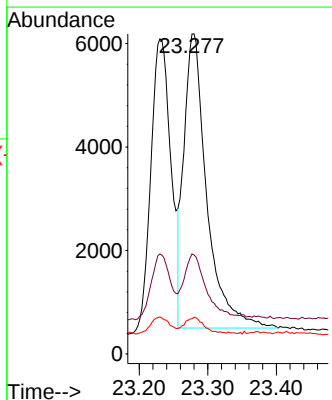
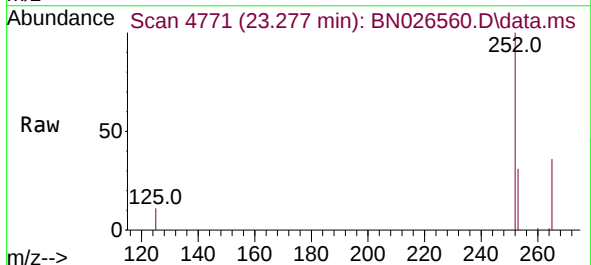


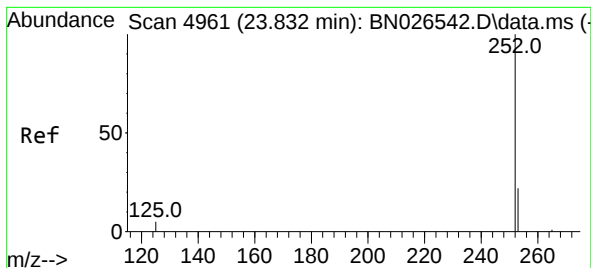
Tgt Ion:252 Resp: 11779
Ion Ratio Lower Upper
252 100
253 31.7 0.0 68.6
125 11.7 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.428 ng/ul
RT: 23.277 min Scan# 4771
Delta R.T. 0.032 min
Lab File: BN026560.D
Acq: 18 Jul 2023 12:25

Tgt Ion:252 Resp: 13186
Ion Ratio Lower Upper
252 100
253 31.3 27.2 40.8
125 11.0 13.4 20.2#





#26

Benzo(a)pyrene

Concen: 0.424 ng/ul

RT: 23.870 min Scan# 4961

Delta R.T. 0.044 min

Lab File: BN026560.D

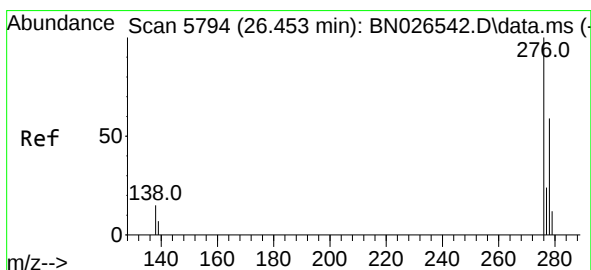
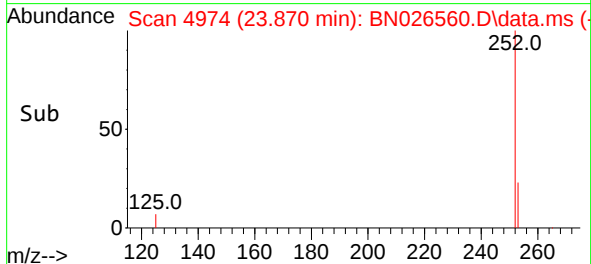
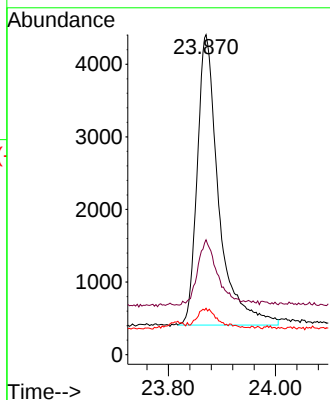
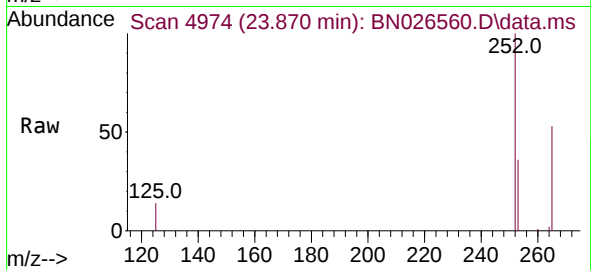
Acq: 18 Jul 2023 12:25

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:252	Resp:	11107
Ion Ratio	Lower	Upper
252	100	
253	35.9	32.6 49.0
125	14.5	19.3 28.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.433 ng/ul

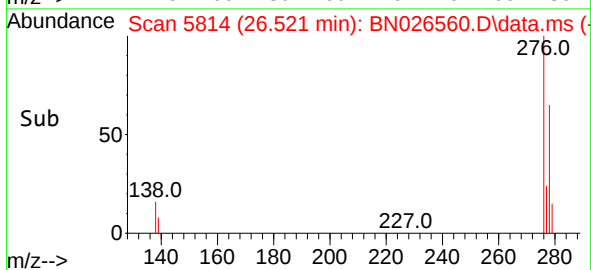
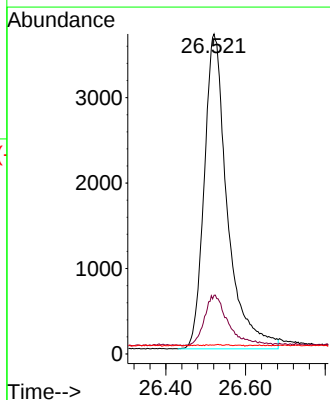
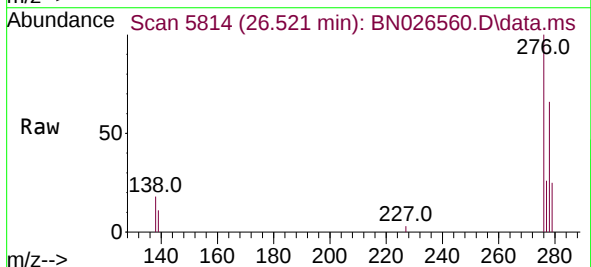
RT: 26.521 min Scan# 5814

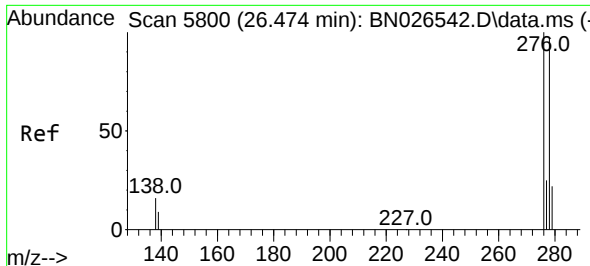
Delta R.T. 0.067 min

Lab File: BN026560.D

Acq: 18 Jul 2023 12:25

Tgt Ion:276	Resp:	14870
Ion Ratio	Lower	Upper
276	100	
138	16.6	22.2 33.4#
227	0.1	0.1 0.1

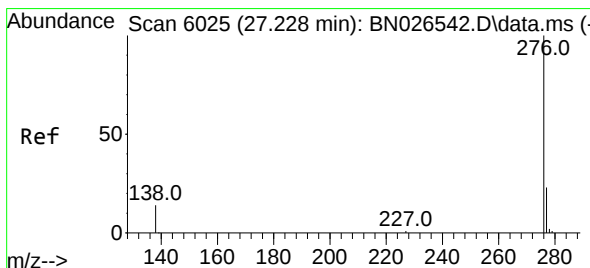
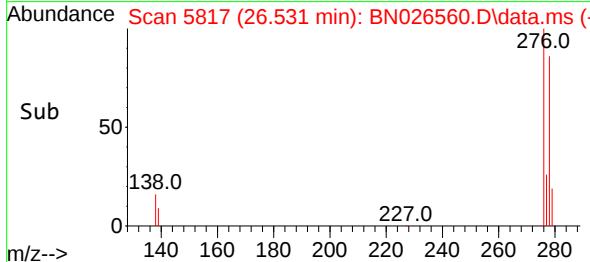
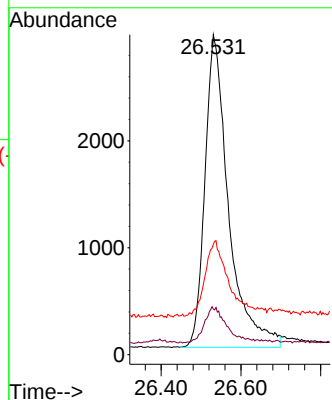
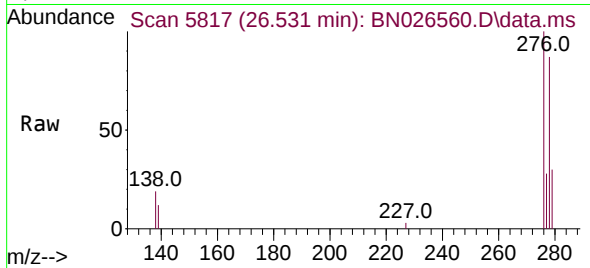




#28
Dibenzo(a,h)anthracene
Concen: 0.457 ng/ul
RT: 26.531 min Scan# 5800
Delta R.T. 0.064 min
Lab File: BN026560.D
Acq: 18 Jul 2023 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 12030
Ion Ratio Lower Upper
278 100
139 14.2 18.9 28.3#
279 34.4 31.3 46.9



#29
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 27.299 min Scan# 6046
Delta R.T. 0.074 min
Lab File: BN026560.D
Acq: 18 Jul 2023 12:25

Tgt Ion:276 Resp: 12795
Ion Ratio Lower Upper
276 100
138 17.6 22.6 34.0#
277 26.5 21.8 32.8

