

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026570.D
 Acq On : 18 Jul 2023 18:37
 Operator : MA/JU
 Sample : 03458-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 19 00:18:16 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 : Wed Jul 19 00:15:47 2023
 Response via : Initial Calibration

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

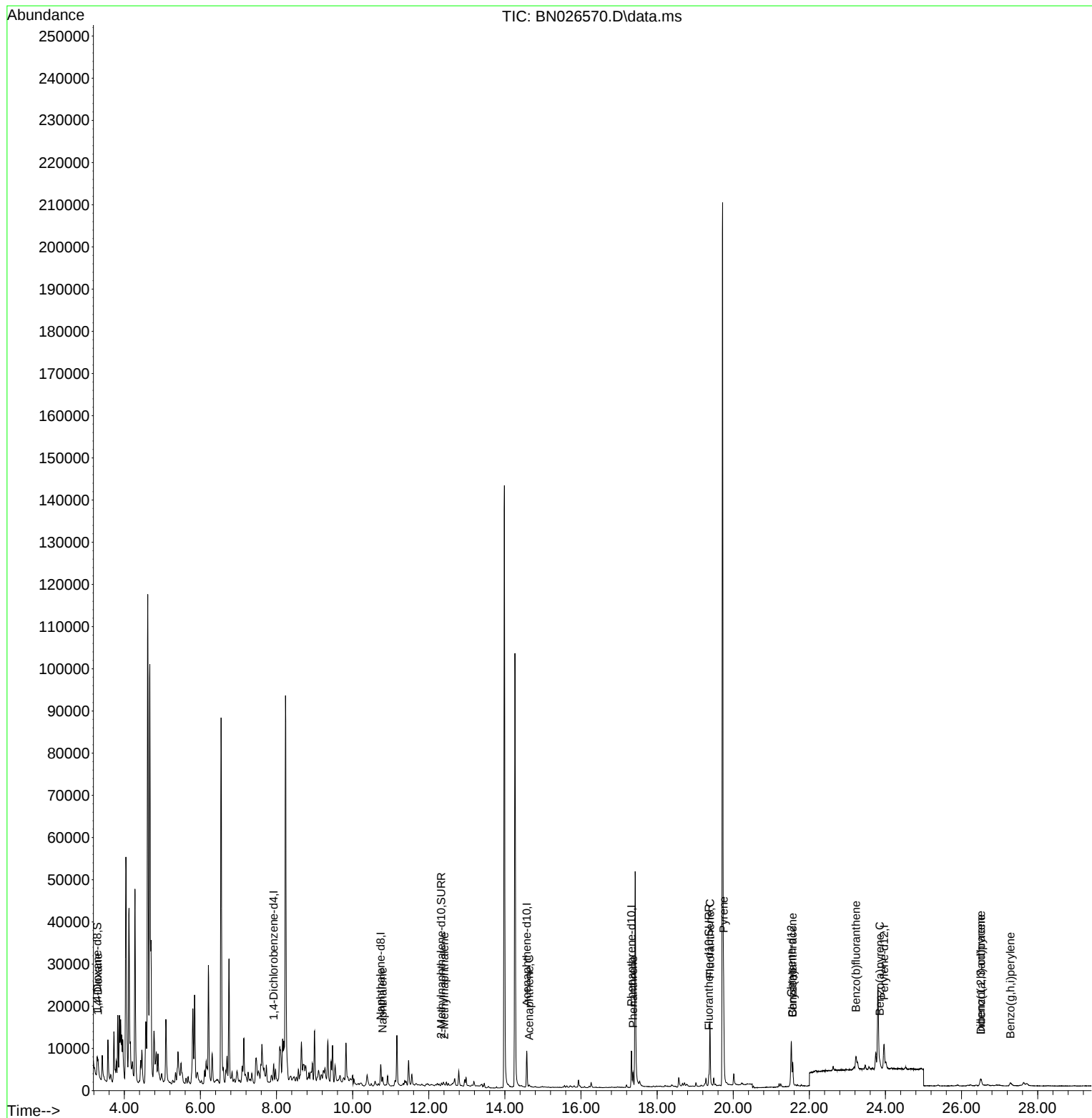
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	2692	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.736	136	8254	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.574	164	5200	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	11834	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	10599	0.400	ng/ul	# 0.00
23) Perylene-d12	23.960	264	8600	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	3720	1.049	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.331	152	1041	0.093	ng/ul	-0.01
18) Fluoranthene-d10	19.358	212	3173	0.086	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	686	0.204	ng/ul#	1
5) Naphthalene	10.785	128	3126	0.138	ng/ul#	95
7) 2-Methylnaphthalene	12.408	142	298	0.023	ng/ul	93
11) Acenaphthene	14.639	153	587	0.030	ng/ul	96
15) Phenanthrene	17.368	178	3846	0.102	ng/ul	96
19) Fluoranthene	19.390	202	14969	0.301	ng/ul	97
20) Pyrene	19.748	202	20034	0.371	ng/ul	97
21) Benzo(a)anthracene	21.563	228	6145	0.158	ng/ul	95
22) Chrysene	21.563	228	5985	0.135	ng/ul	97
24) Benzo(b)fluoranthene	23.226	252	8290	0.247	ng/ul	77
26) Benzo(a)pyrene	23.852	252	2106	0.071	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.506	276	3889	0.099	ng/ul#	76
28) Dibenzo(a,h)anthracene	26.506	278	601	0.020	ng/ul#	1
29) Benzo(g,h,i)perylene	27.288	276	1820	0.053	ng/ul#	82

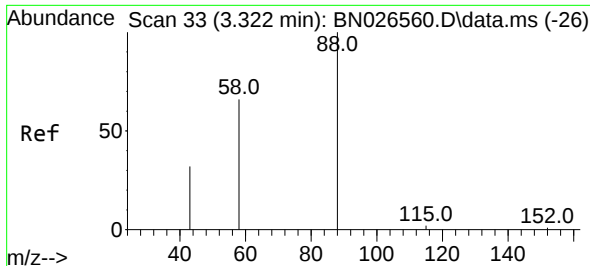
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
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#2

1,4-Dioxane

Concen: 0.204 ng/ul

RT: 3.310 min Scan# 30

Delta R.T. -0.013 min

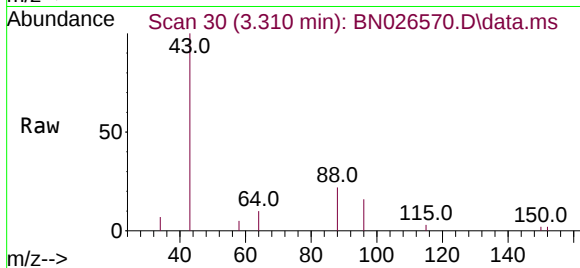
Lab File: BN026570.D

Acq: 18 Jul 2023 18:37

Instrument :

BNA_N

ClientSampleId :



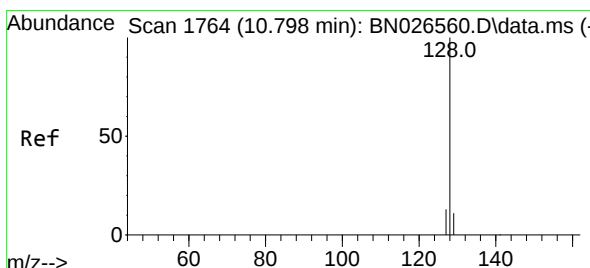
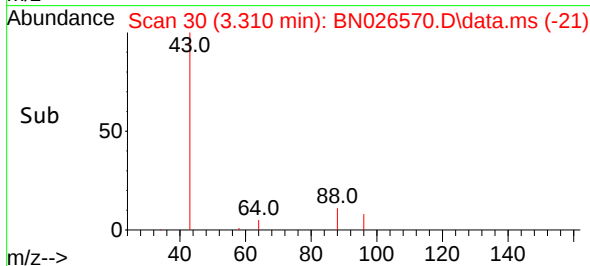
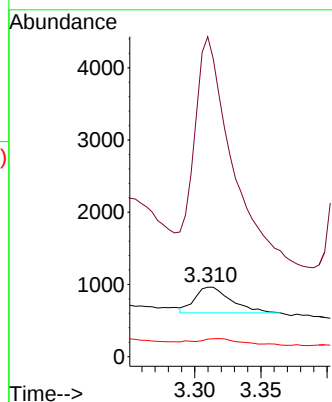
Tgt Ion: 88 Resp: 686

Ion Ratio Lower Upper

88 100

43 460.6 33.0 49.6#

58 25.3 41.7 62.5#



#5

Naphthalene

Concen: 0.138 ng/ul

RT: 10.785 min Scan# 1762

Delta R.T. -0.012 min

Lab File: BN026570.D

Acq: 18 Jul 2023 18:37

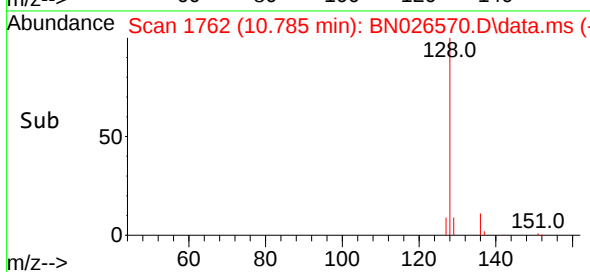
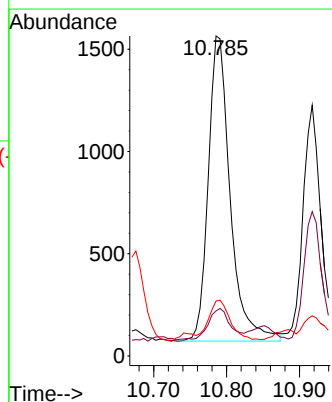
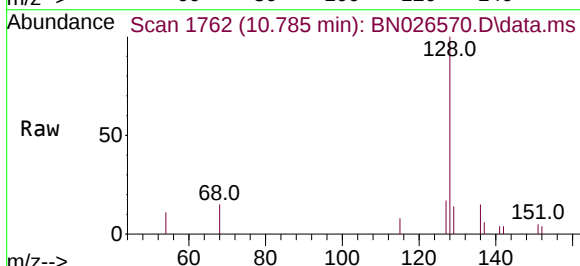
Tgt Ion: 128 Resp: 3126

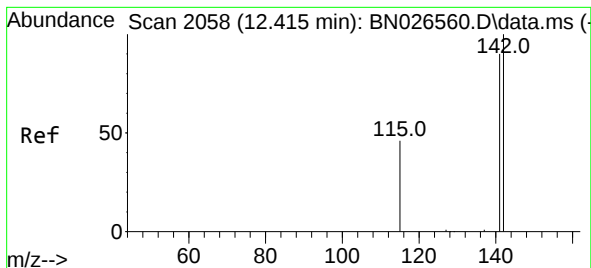
Ion Ratio Lower Upper

128 100

129 14.1 10.2 15.2

127 17.1 11.4 17.0#

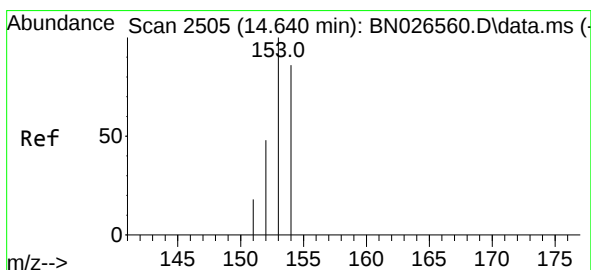
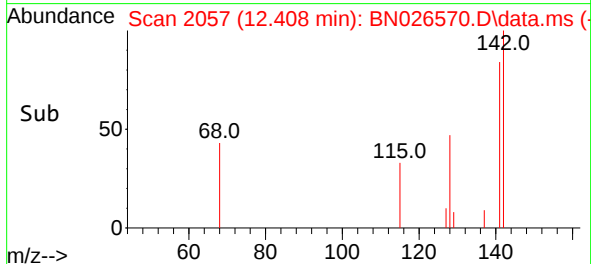
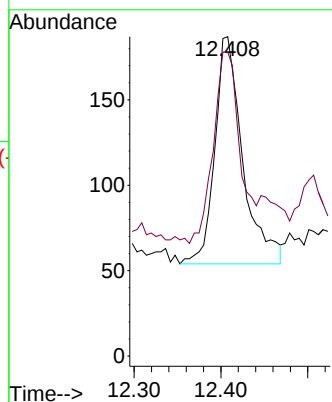
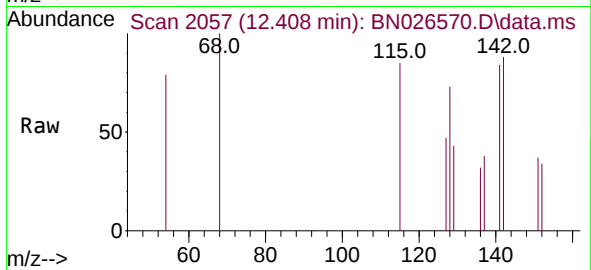




#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.408 min Scan# 2057
Delta R.T. -0.007 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

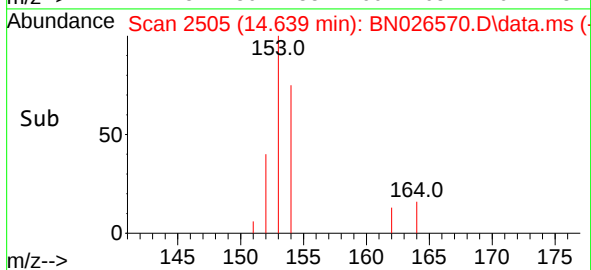
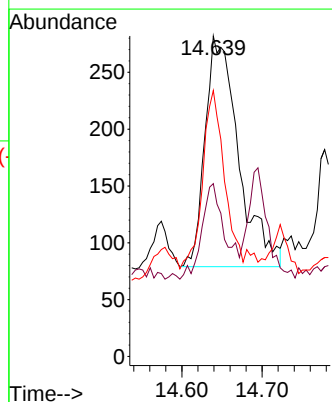
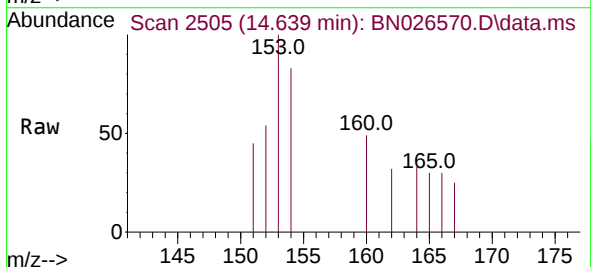
Instrument :
BNA_N
ClientSampleId :

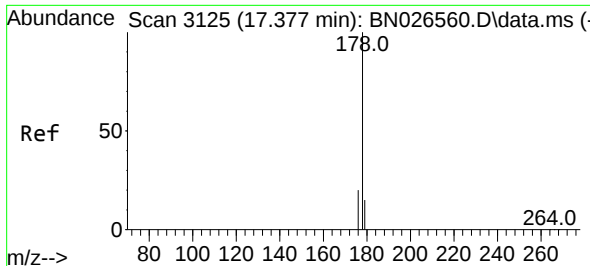
Tgt Ion:142 Resp: 298
Ion Ratio Lower Upper
142 100
141 97.3 72.3 108.5



#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.639 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

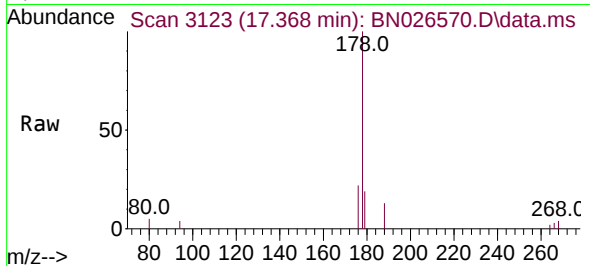
Tgt Ion:153 Resp: 587
Ion Ratio Lower Upper
153 100
152 53.9 40.2 60.4
154 83.0 69.3 103.9



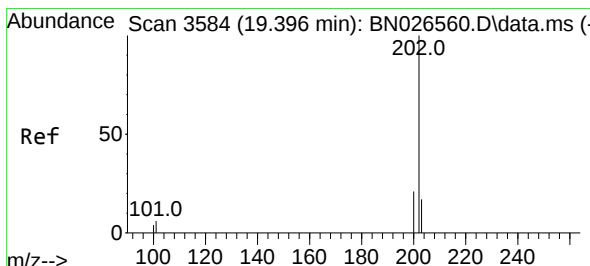
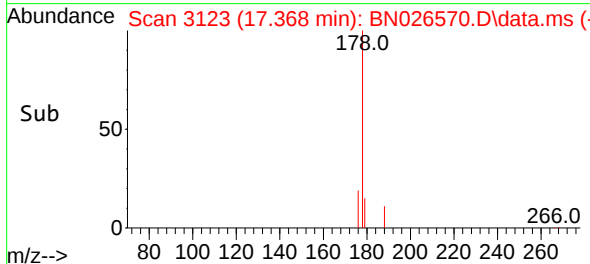
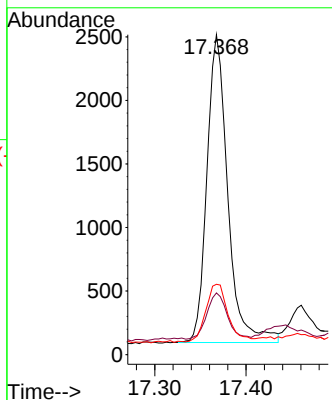


#15
Phenanthrene
Concen: 0.102 ng/ul
RT: 17.368 min Scan# 3123
Delta R.T. -0.009 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

Instrument :
BNA_N
ClientSampleId :

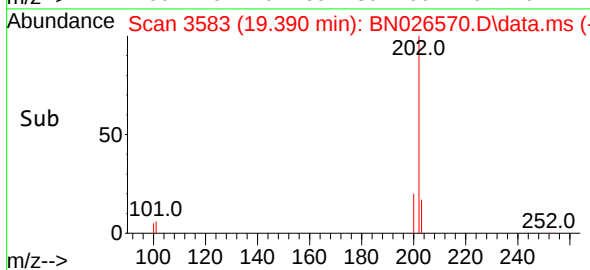
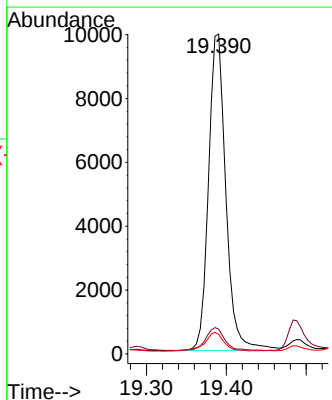
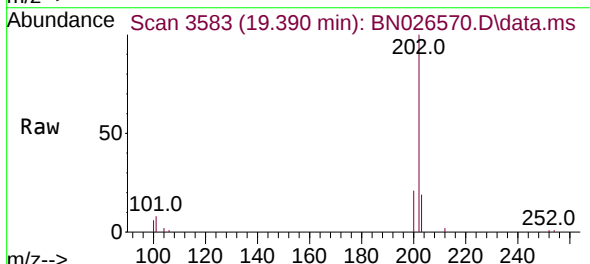


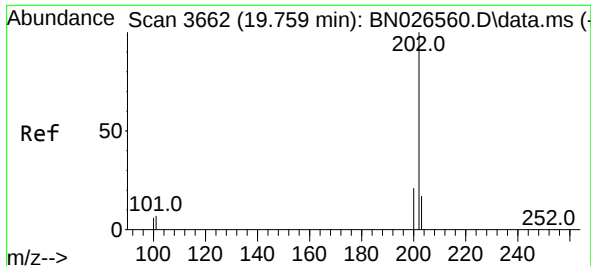
Tgt Ion:178 Resp: 3846
Ion Ratio Lower Upper
178 100
179 19.3 13.7 20.5
176 22.0 16.5 24.7



#19
Fluoranthene
Concen: 0.301 ng/ul
RT: 19.390 min Scan# 3583
Delta R.T. -0.006 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

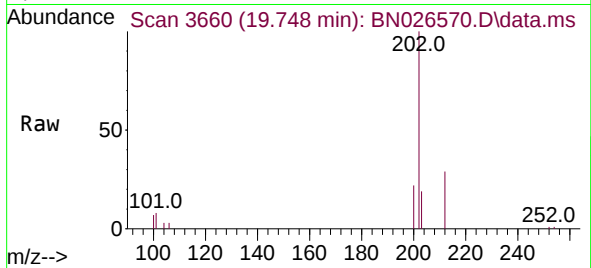
Tgt Ion:202 Resp: 14969
Ion Ratio Lower Upper
202 100
101 7.8 7.0 10.4
100 6.1 6.0 9.0



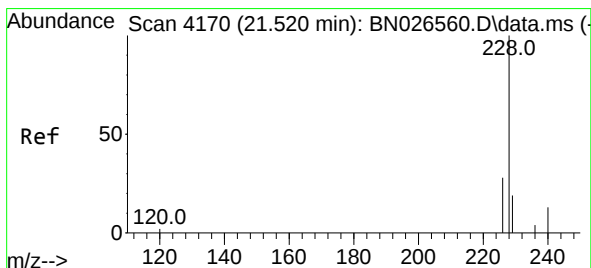
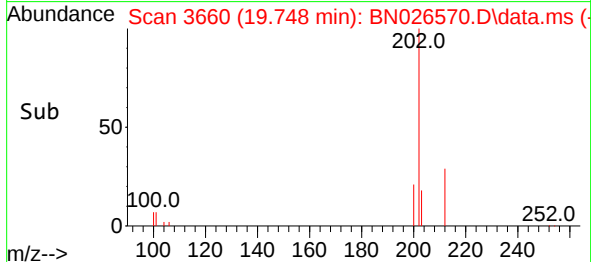
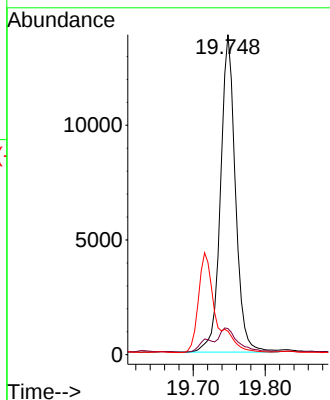


#20
Pyrene
Concen: 0.371 ng/ul
RT: 19.748 min Scan# 30
Delta R.T. -0.010 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

Instrument :
BNA_N
ClientSampleId :

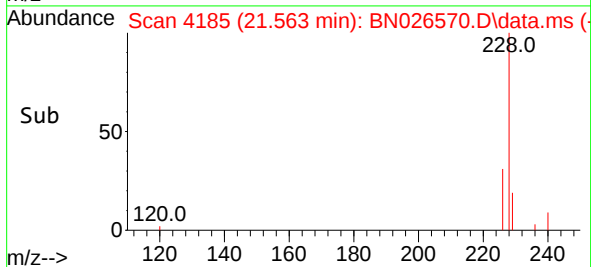
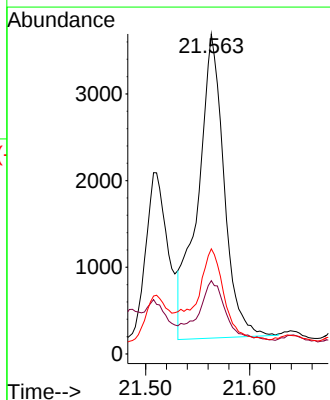
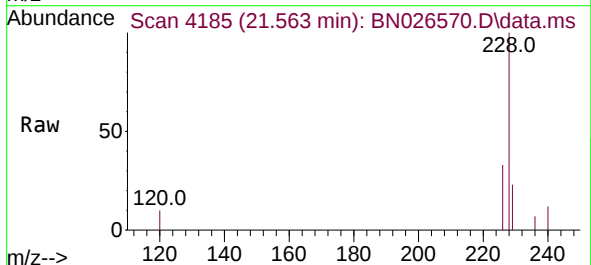


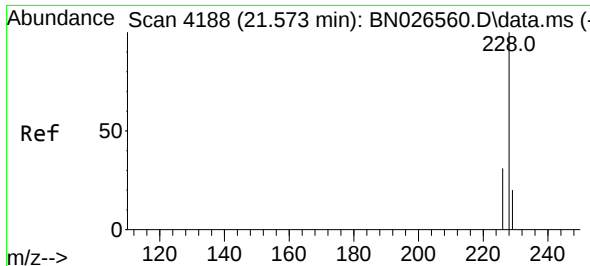
Tgt Ion:202 Resp: 20034
Ion Ratio Lower Upper
202 100
101 8.1 8.0 12.0
100 7.3 6.2 9.2



#21
Benzo(a)anthracene
Concen: 0.158 ng/ul
RT: 21.563 min Scan# 4185
Delta R.T. 0.043 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

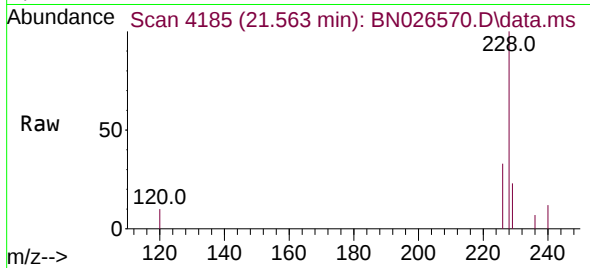
Tgt Ion:228 Resp: 6145
Ion Ratio Lower Upper
228 100
229 22.9 16.7 25.1
226 32.8 23.5 35.3



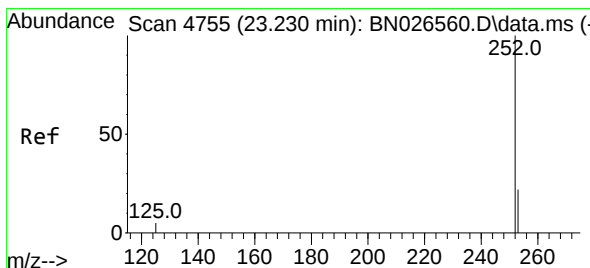
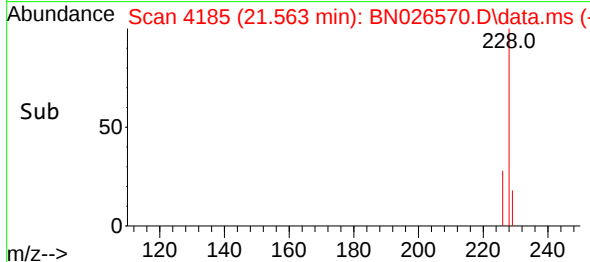
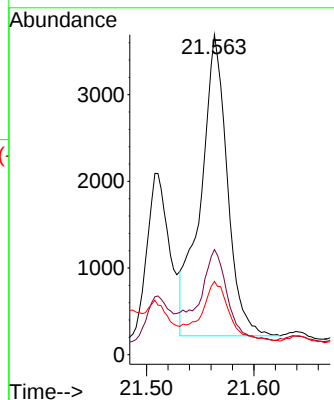


#22
Chrysene
Concen: 0.135 ng/ul
RT: 21.563 min Scan# 4185
Delta R.T. -0.010 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

Instrument :
BNA_N
ClientSampleId :

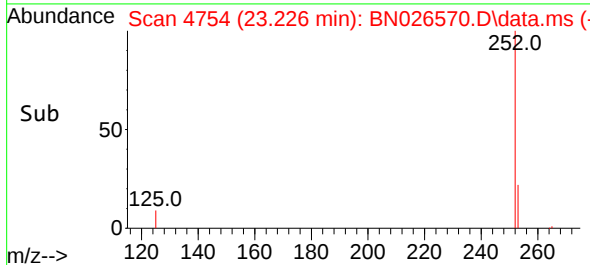
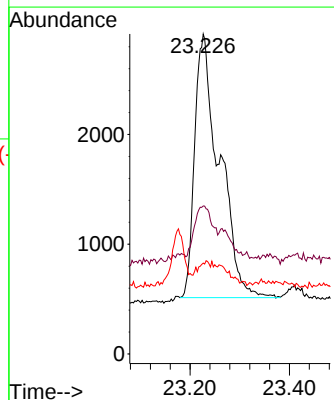
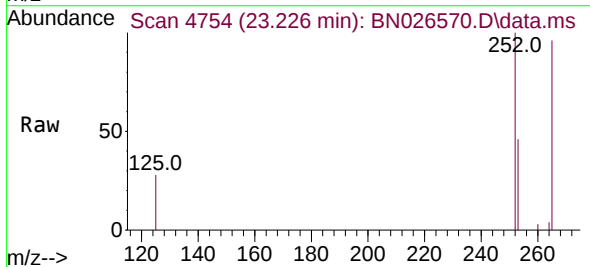


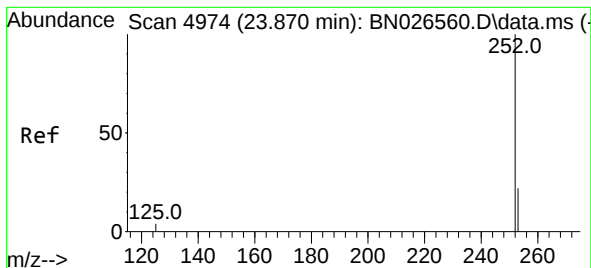
Tgt Ion:228 Resp: 5985
Ion Ratio Lower Upper
228 100
226 32.8 25.2 37.8
229 22.9 16.4 24.6



#24
Benzo(b)fluoranthene
Concen: 0.247 ng/ul
RT: 23.226 min Scan# 4754
Delta R.T. -0.004 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

Tgt Ion:252 Resp: 8290
Ion Ratio Lower Upper
252 100
253 46.3 0.0 68.6
125 28.4 0.0 34.0





#26

Benzo(a)pyrene

Concen: 0.071 ng/ul

RT: 23.852 min Scan# 4974

Delta R.T. -0.018 min

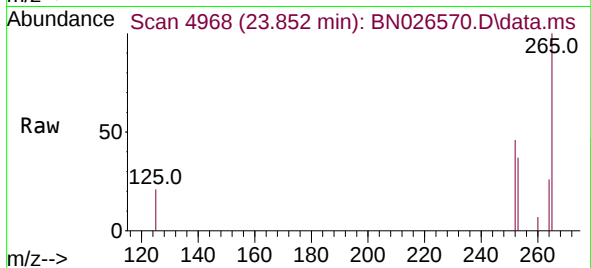
Lab File: BN026570.D

Acq: 18 Jul 2023 18:37

Instrument :

BN026570.D

ClientSampleId :



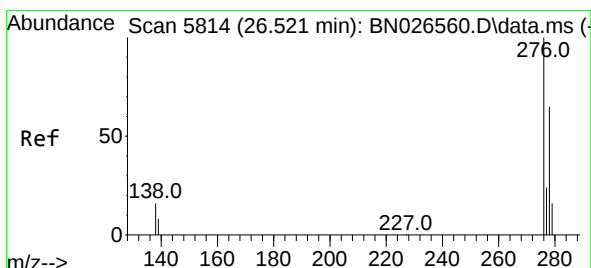
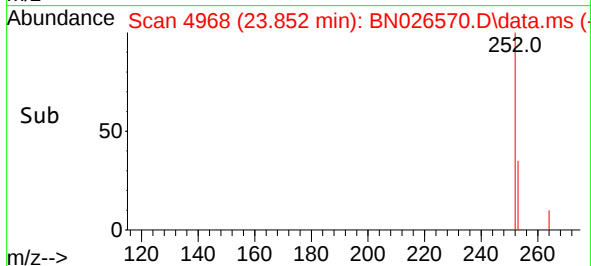
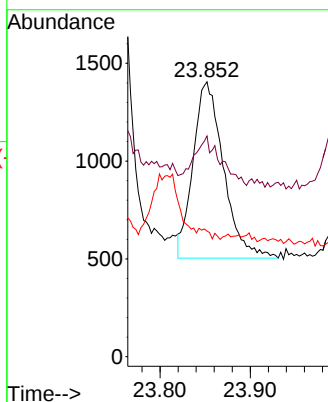
Tgt Ion:252 Resp: 2106

Ion Ratio Lower Upper

252 100

253 80.3 32.6 49.0#

125 45.7 19.3 28.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.099 ng/ul

RT: 26.506 min Scan# 5810

Delta R.T. -0.014 min

Lab File: BN026570.D

Acq: 18 Jul 2023 18:37

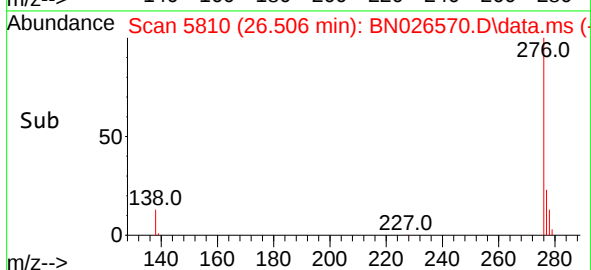
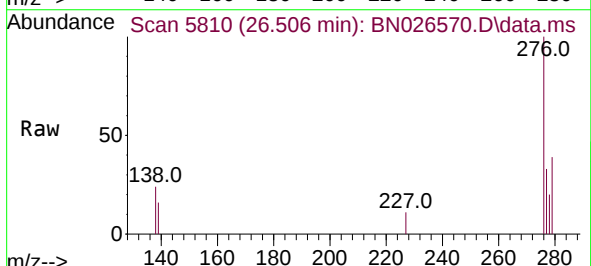
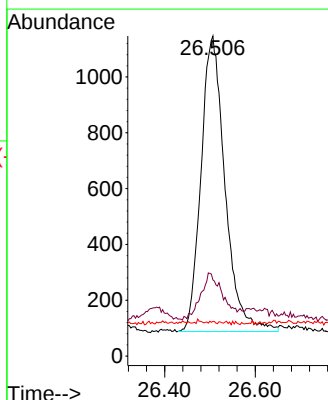
Tgt Ion:276 Resp: 3889

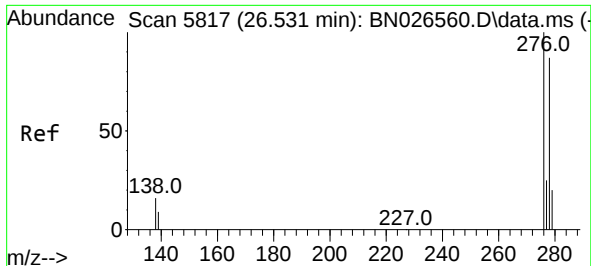
Ion Ratio Lower Upper

276 100

138 15.4 22.2 33.4#

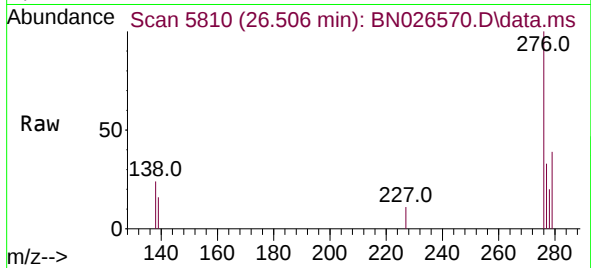
227 0.2 0.1 0.1#



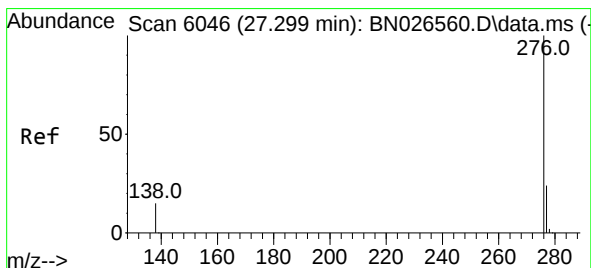
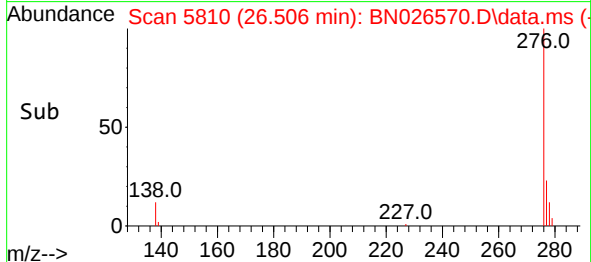
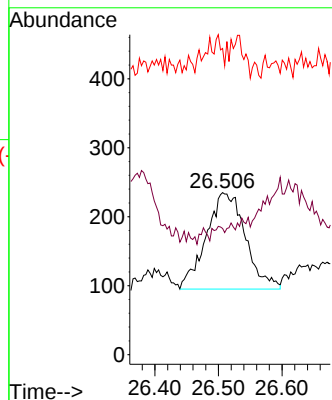


#28
Dibenzo(a,h)anthracene
Concen: 0.020 ng/ul
RT: 26.506 min Scan# 5810
Delta R.T. -0.024 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 601
Ion Ratio Lower Upper
278 100
139 77.9 18.9 28.3#
279 188.9 31.3 46.9#



#29
Benzo(g,h,i)perylene
Concen: 0.053 ng/ul
RT: 27.288 min Scan# 6043
Delta R.T. -0.011 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

Tgt Ion:276 Resp: 1820
Ion Ratio Lower Upper
276 100
138 32.6 22.6 34.0
277 41.9 21.8 32.8#

