

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071923\
 Data File : BN026600.D
 Acq On : 19 Jul 2023 17:11
 Operator : MA/JU
 Sample : PB154197BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB154197BSD

Quant Time: Jul 19 18:19:01 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 15:54:02 2023
 Response via : Initial Calibration

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

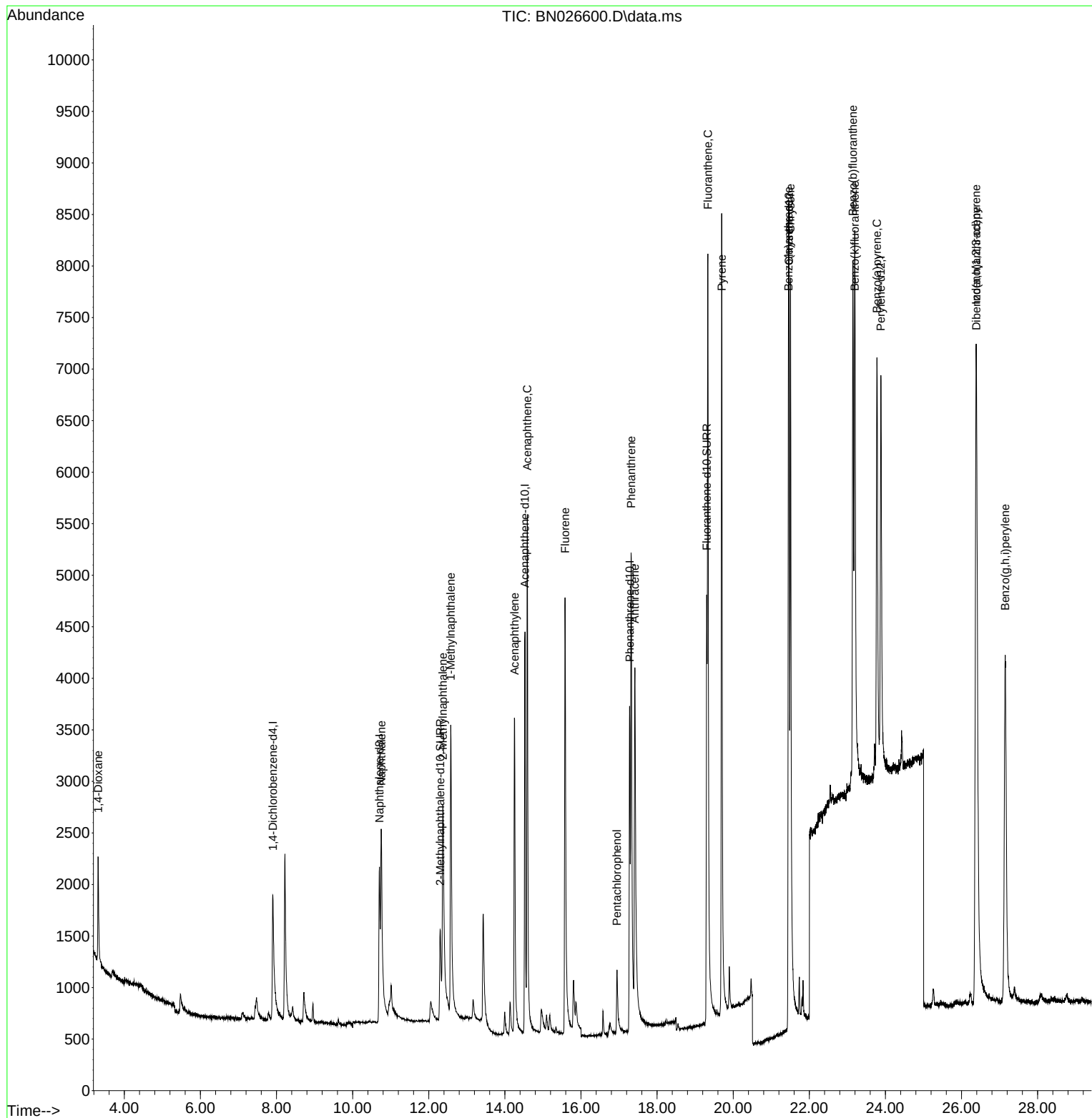
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	1301	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.704	136	3922	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.529	164	2571	0.400	ng/ul	-0.04
13) Phenanthrene-d10	17.279	188	5580	0.400	ng/ul	#-0.05
17) Chrysene-d12	21.468	240	5252	0.400	ng/ul	#-0.06
23) Perylene-d12	23.879	264	6182	0.400	ng/ul	#-0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	12.299	152	2093	0.393	ng/ul	-0.04
18) Fluoranthene-d10	19.303	212	6628	0.364	ng/ul	-0.06
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	860	0.530	ng/ul#	87
5) Naphthalene	10.754	128	4080	0.379	ng/ul	97
7) 2-Methylnaphthalene	12.371	142	2544	0.416	ng/ul	100
8) 1-Methylnaphthalene	12.580	142	2664	0.407	ng/ul	99
10) Acenaphthylene	14.256	152	4970	0.395	ng/ul	99
11) Acenaphthene	14.589	153	3672	0.383	ng/ul	99
12) Fluorene	15.583	166	4240	0.421	ng/ul	99
14) Pentachlorophenol	16.946	266	688	0.489	ng/ul	95
15) Phenanthrene	17.317	178	6706	0.377	ng/ul	100
16) Anthracene	17.415	178	6174	0.400	ng/ul	99
19) Fluoranthene	19.336	202	8755	0.356	ng/ul#	93
20) Pyrene	19.698	202	9289	0.347	ng/ul#	94
21) Benzo(a)anthracene	21.453	228	7512	0.389	ng/ul	99
22) Chrysene	21.506	228	8352	0.380	ng/ul	100
24) Benzo(b)fluoranthene	23.145	252	8110	0.337	ng/ul	94
25) Benzo(k)fluoranthene	23.195	252	9547	0.378	ng/ul#	93
26) Benzo(a)pyrene	23.777	252	8612	0.402	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.383	276	11419	0.406	ng/ul#	75
28) Dibenzo(a,h)anthracene	26.393	278	9144	0.424	ng/ul#	90
29) Benzo(g,h,i)perylene	27.148	276	9648	0.389	ng/ul#	88

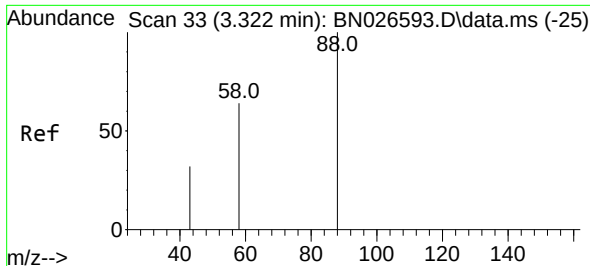
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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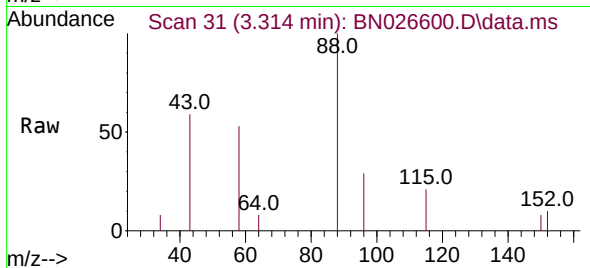
Quant Time: Jul 19 18:19:01 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 15:54:02 2023
Response via : Initial Calibration



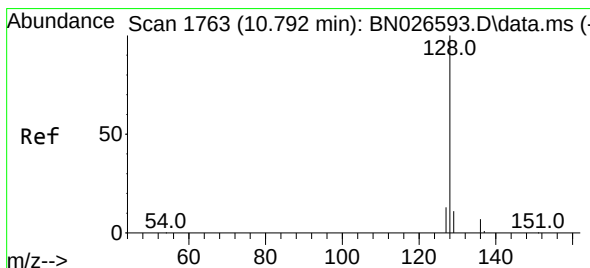
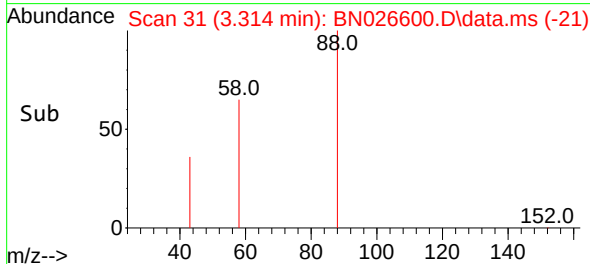
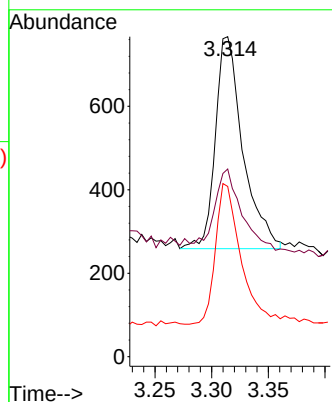


#2
1,4-Dioxane
Concen: 0.530 ng/ul
RT: 3.314 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

Instrument :
BNA_N
ClientSampleId :
PB154197BSD

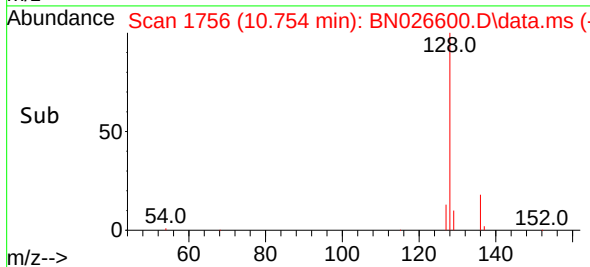
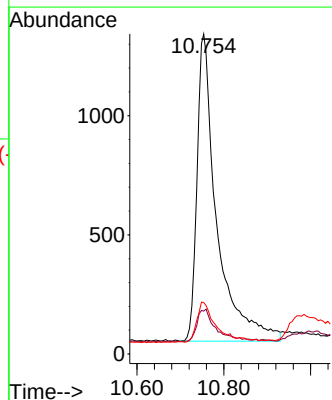
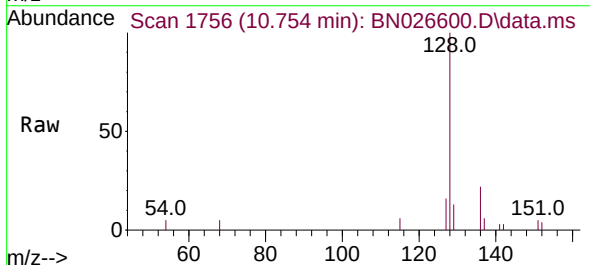


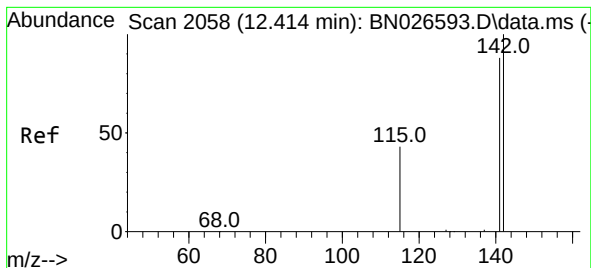
Tgt Ion: 88 Resp: 860
Ion Ratio Lower Upper
88 100
43 58.7 33.0 49.6#
58 53.2 41.7 62.5



#5
Naphthalene
Concen: 0.379 ng/ul
RT: 10.754 min Scan# 1756
Delta R.T. -0.038 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

Tgt Ion: 128 Resp: 4080
Ion Ratio Lower Upper
128 100
129 13.4 10.2 15.2
127 16.1 11.4 17.0

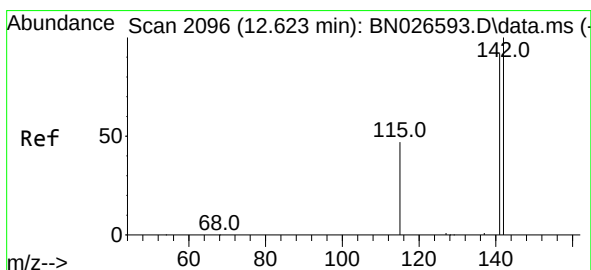
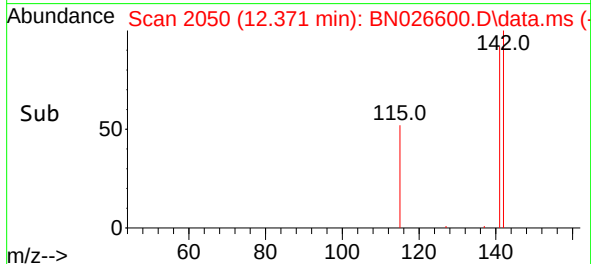
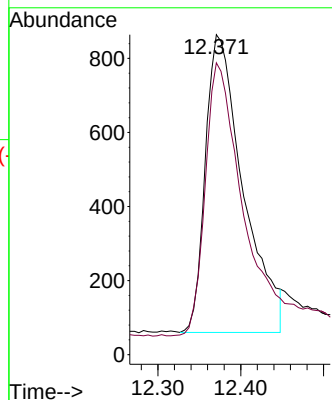
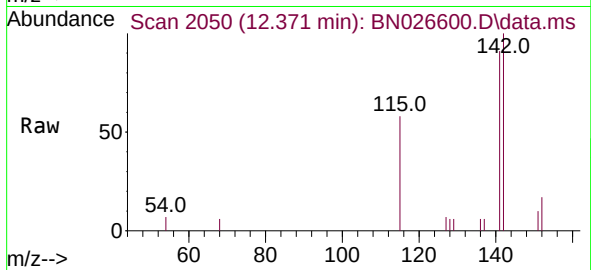




#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.371 min Scan# 2050
Delta R.T. -0.044 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

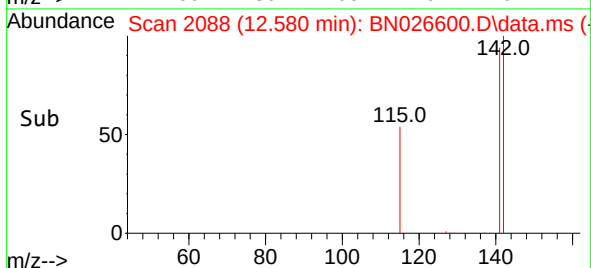
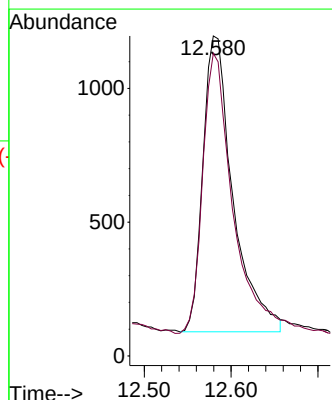
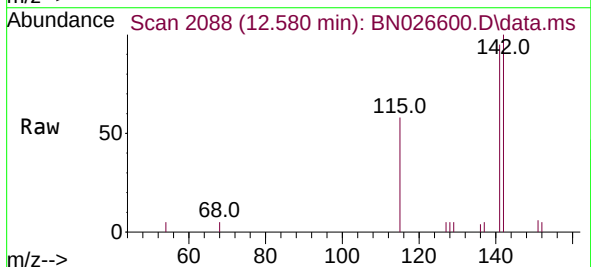
Instrument :
BNA_N
ClientSampleId :
PB154197BSD

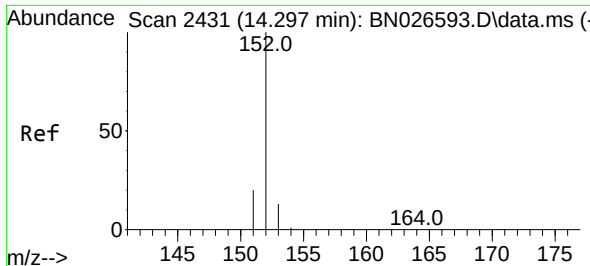
Tgt Ion:142 Resp: 2544
Ion Ratio Lower Upper
142 100
141 90.4 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.580 min Scan# 2088
Delta R.T. -0.044 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

Tgt Ion:142 Resp: 2664
Ion Ratio Lower Upper
142 100
141 94.5 74.5 111.7

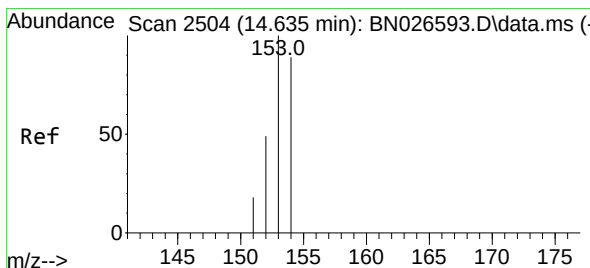
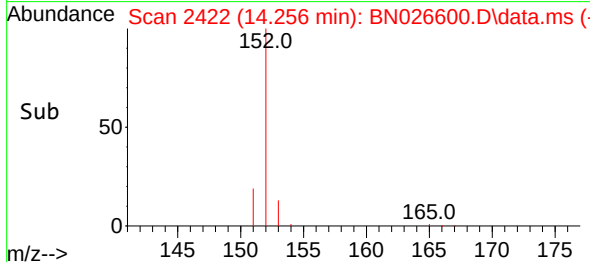
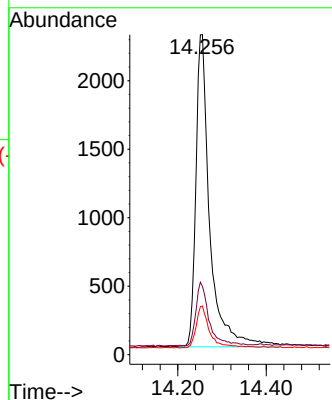
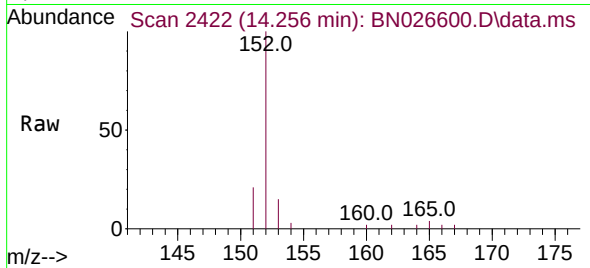




#10
Acenaphthylene
Concen: 0.395 ng/ul
RT: 14.256 min Scan# 2422
Delta R.T. -0.041 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

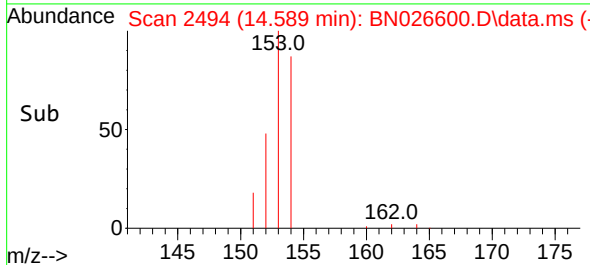
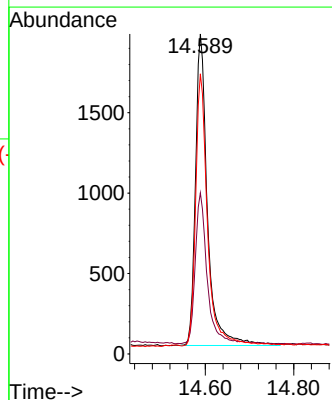
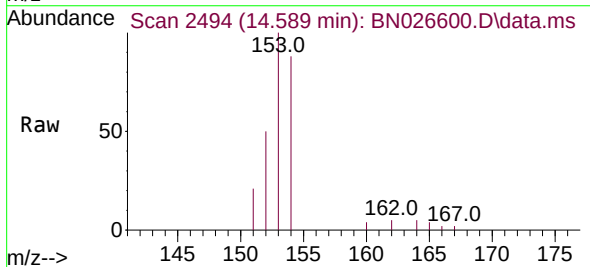
Instrument :
BNA_N
ClientSampleId :
PB154197BSD

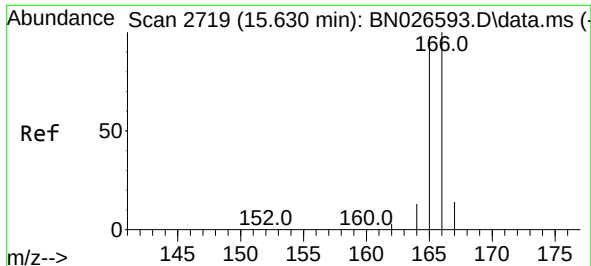
Tgt Ion:152 Resp: 4970
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.6
153 15.2 11.4 17.2



#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.589 min Scan# 2494
Delta R.T. -0.046 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

Tgt Ion:153 Resp: 3672
Ion Ratio Lower Upper
153 100
152 50.4 40.2 60.4
154 87.5 69.3 103.9

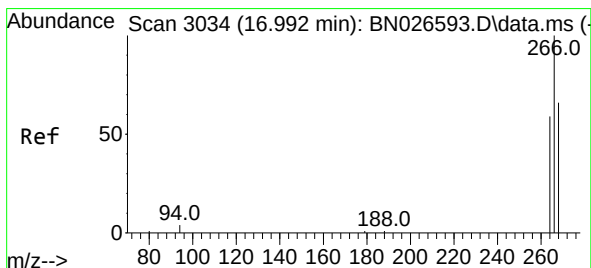
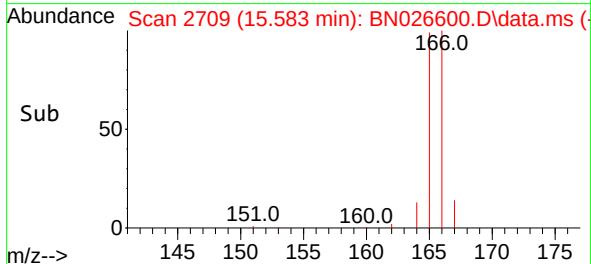
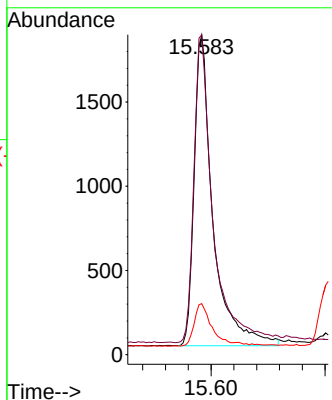
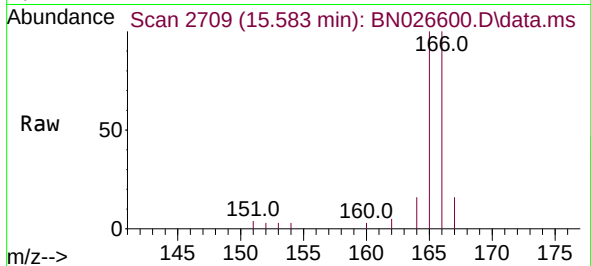




#12
 Fluorene
 Concen: 0.421 ng/ul
 RT: 15.583 min Scan# 21
 Delta R.T. -0.046 min
 Lab File: BN026600.D
 Acq: 19 Jul 2023 17:11

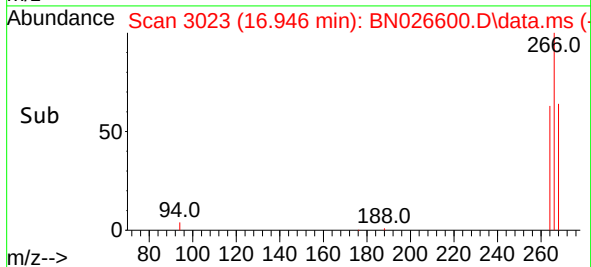
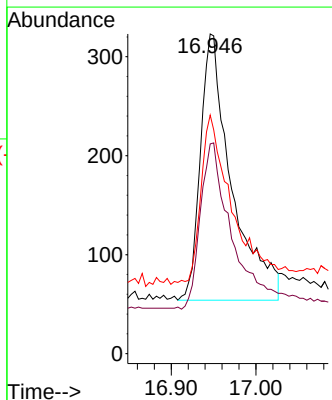
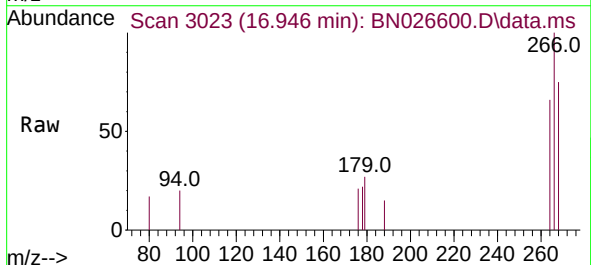
Instrument :
 BNA_N
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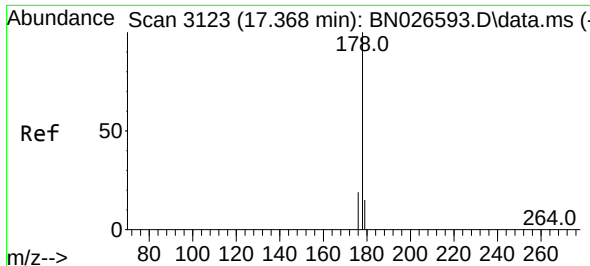
Tgt Ion:166 Resp: 4240
 Ion Ratio Lower Upper
 166 100
 165 100.2 80.6 120.8
 167 16.0 12.0 18.0



#14
 Pentachlorophenol
 Concen: 0.489 ng/ul
 RT: 16.946 min Scan# 3023
 Delta R.T. -0.046 min
 Lab File: BN026600.D
 Acq: 19 Jul 2023 17:11

Tgt Ion:266 Resp: 688
 Ion Ratio Lower Upper
 266 100
 264 62.4 52.0 78.0
 268 61.6 53.0 79.6

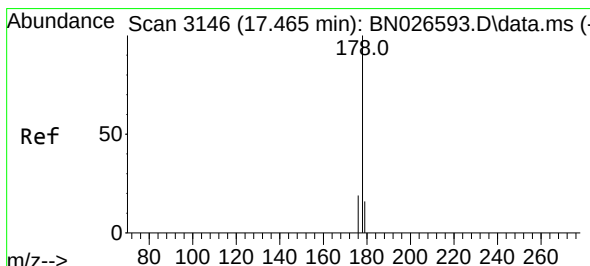
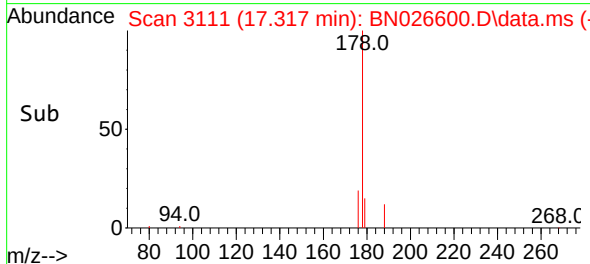
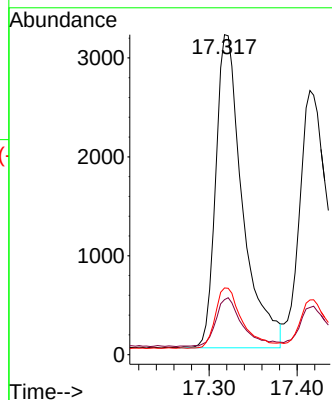
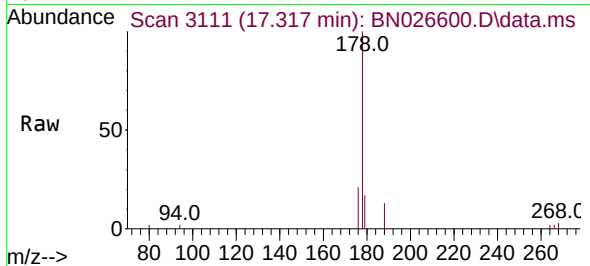




#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 17.317 min Scan# 3111
Delta R.T. -0.050 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

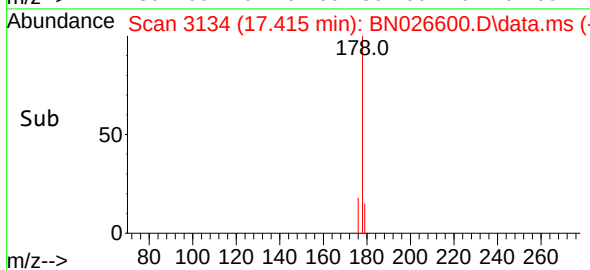
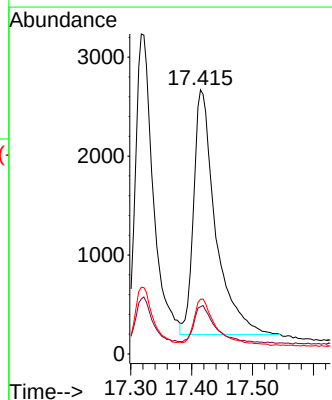
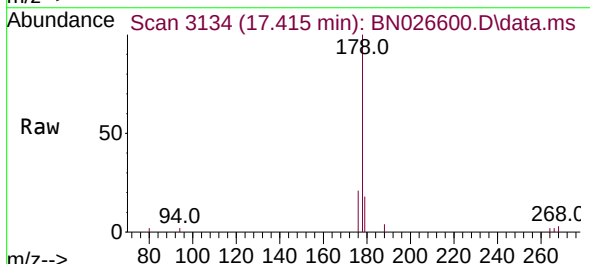
Instrument :
BNA_N
ClientSampleId :
PB154197BSD

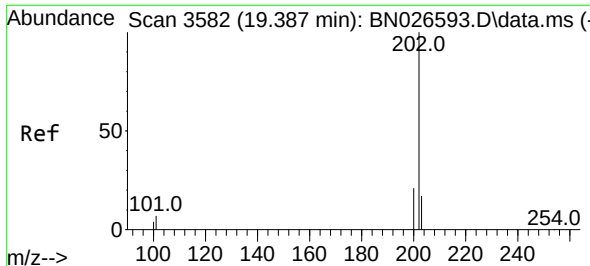
Tgt Ion:178 Resp: 6706
Ion Ratio Lower Upper
178 100
179 17.2 13.7 20.5
176 20.9 16.5 24.7



#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.415 min Scan# 3134
Delta R.T. -0.050 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

Tgt Ion:178 Resp: 6174
Ion Ratio Lower Upper
178 100
179 17.9 14.8 22.2
176 20.7 16.6 25.0

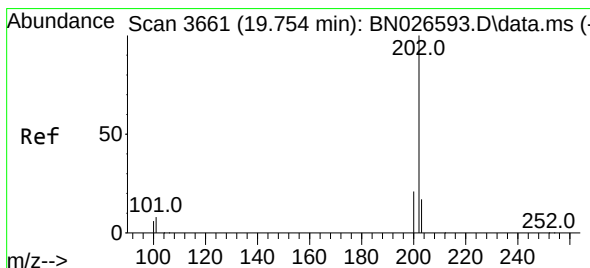
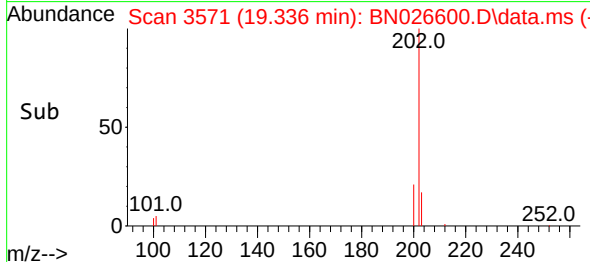
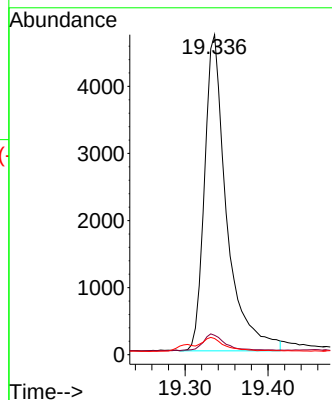
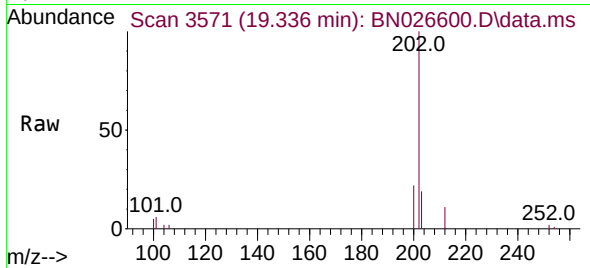




#19
Fluoranthene
Concen: 0.356 ng/ul
RT: 19.336 min Scan# 31
Delta R.T. -0.051 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

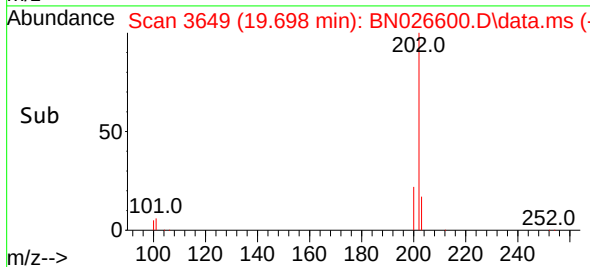
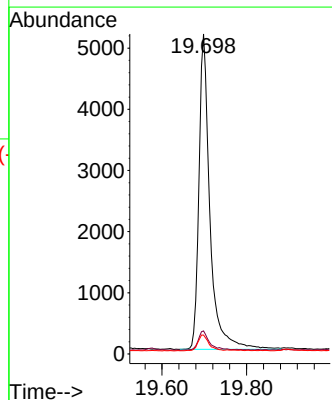
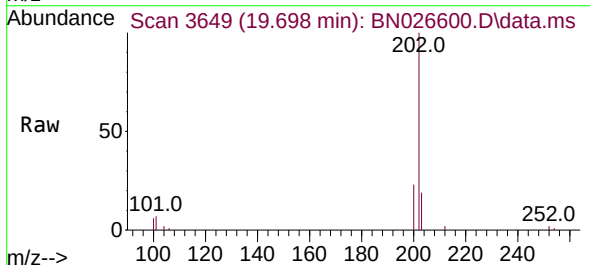
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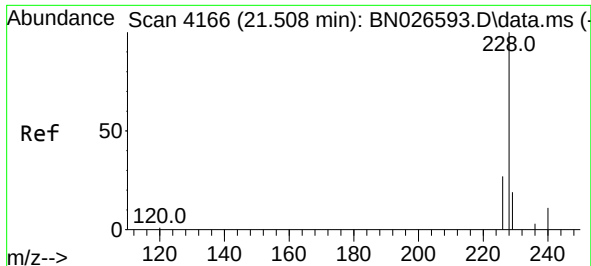
Tgt Ion:202 Resp: 8755
Ion Ratio Lower Upper
202 100
101 6.1 7.0 10.4#
100 5.1 6.0 9.0#



#20
Pyrene
Concen: 0.347 ng/ul
RT: 19.698 min Scan# 3649
Delta R.T. -0.056 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

Tgt Ion:202 Resp: 9289
Ion Ratio Lower Upper
202 100
101 7.2 8.0 12.0#
100 5.9 6.2 9.2#

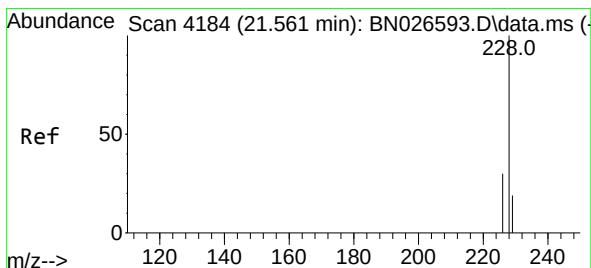
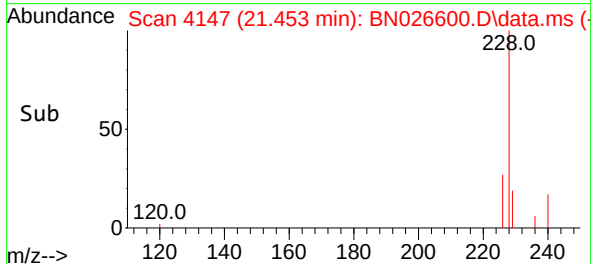
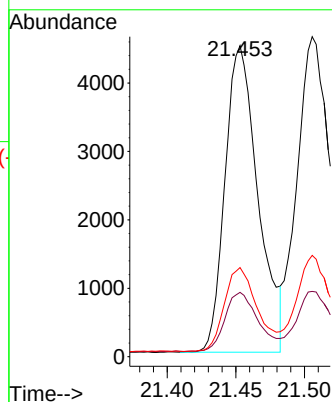
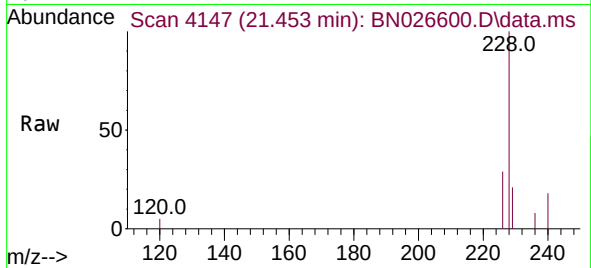




#21
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.453 min Scan# 4165
Delta R.T. -0.055 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

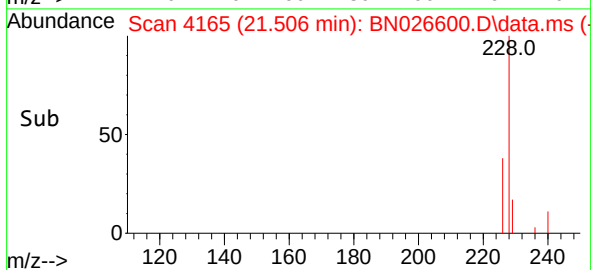
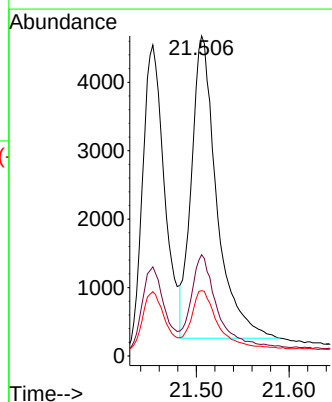
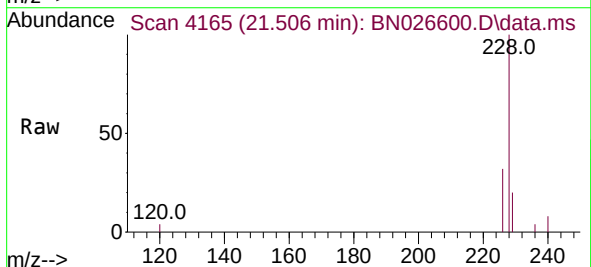
Instrument :
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ClientSampleId :
PB154197BSD

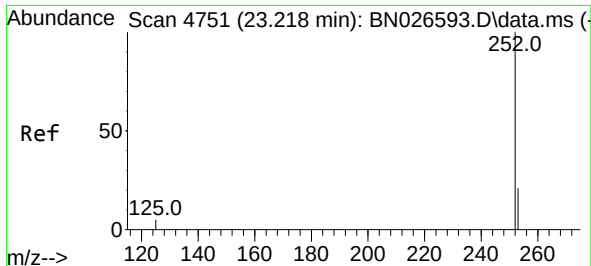
Tgt Ion:228 Resp: 7512
Ion Ratio Lower Upper
228 100
229 20.7 16.7 25.1
226 28.6 23.5 35.3



#22
Chrysene
Concen: 0.380 ng/ul
RT: 21.506 min Scan# 4165
Delta R.T. -0.055 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

Tgt Ion:228 Resp: 8352
Ion Ratio Lower Upper
228 100
226 31.6 25.2 37.8
229 20.4 16.4 24.6

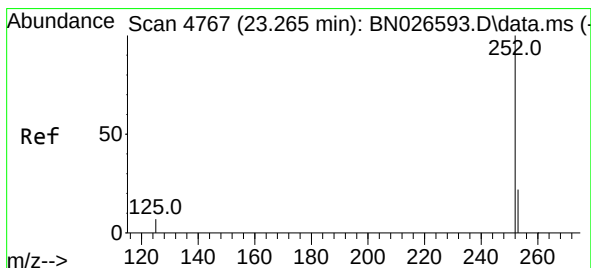
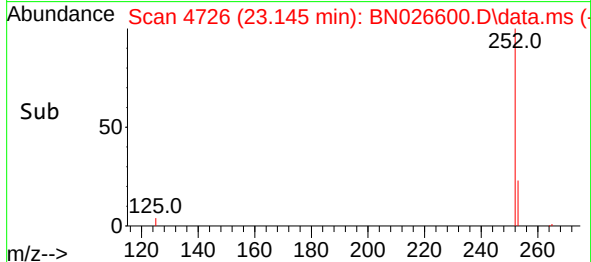
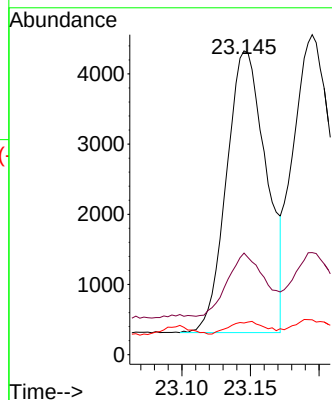
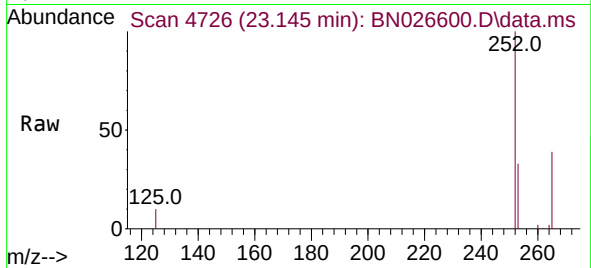




#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.145 min Scan# 4743
Delta R.T. -0.073 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

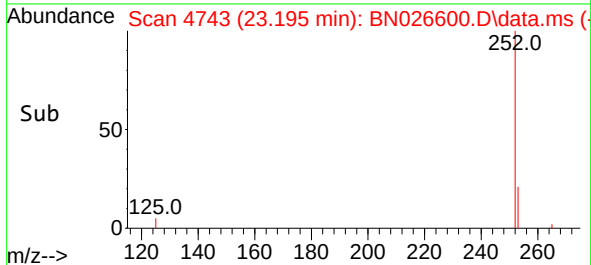
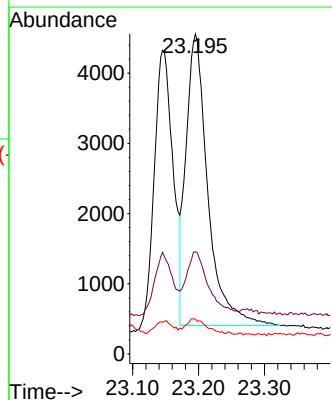
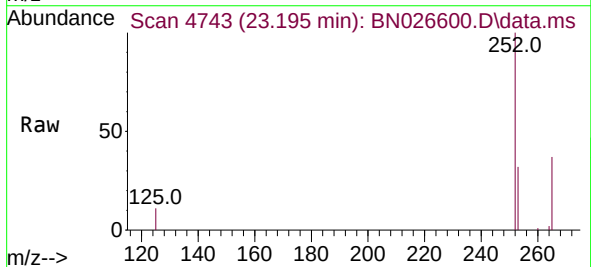
Instrument :
BNA_N
ClientSampleId :
PB154197BSD

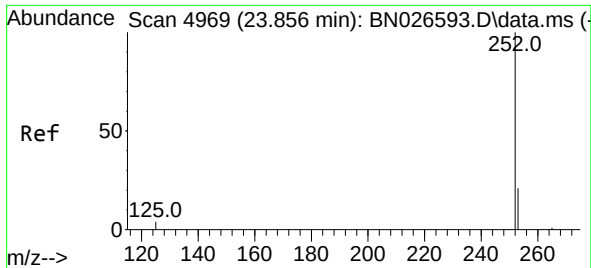
Tgt Ion:252 Resp: 8110
Ion Ratio Lower Upper
252 100
253 33.4 0.0 68.6
125 10.4 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 23.195 min Scan# 4743
Delta R.T. -0.070 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

Tgt Ion:252 Resp: 9547
Ion Ratio Lower Upper
252 100
253 31.9 27.2 40.8
125 10.9 13.4 20.2#

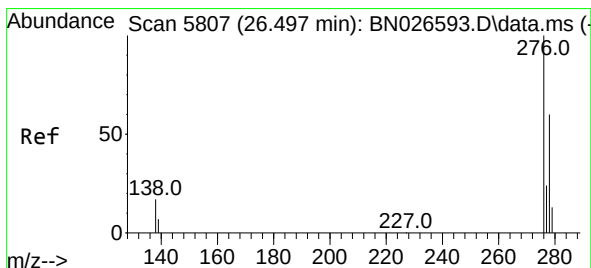
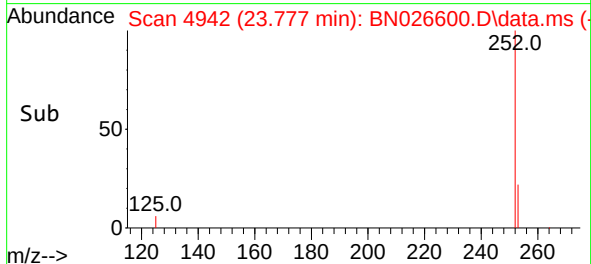
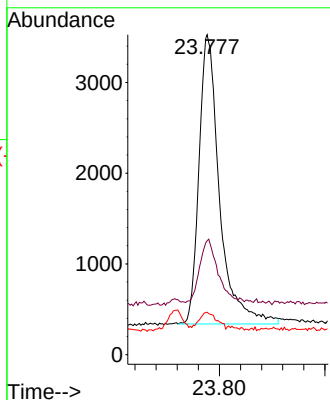
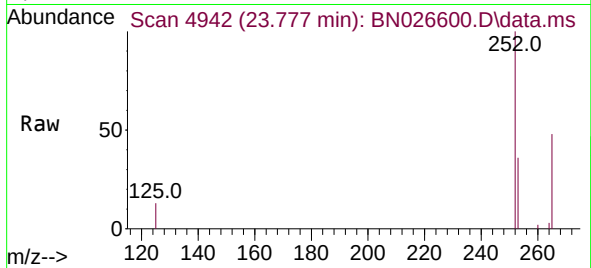




#26
Benzo(a)pyrene
Concen: 0.402 ng/ul
RT: 23.777 min Scan# 4969
Delta R.T. -0.079 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

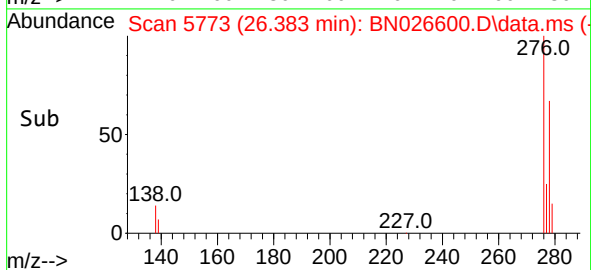
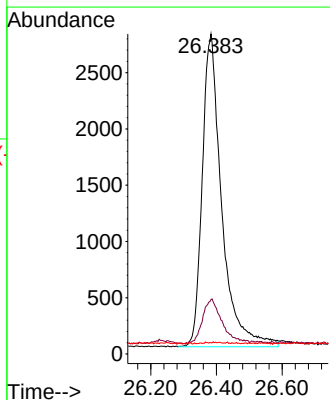
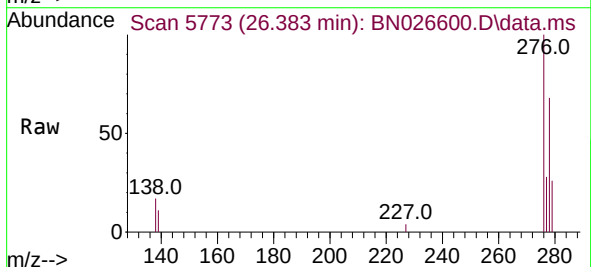
Instrument :
BNA_N
ClientSampleId :
PB154197BSD

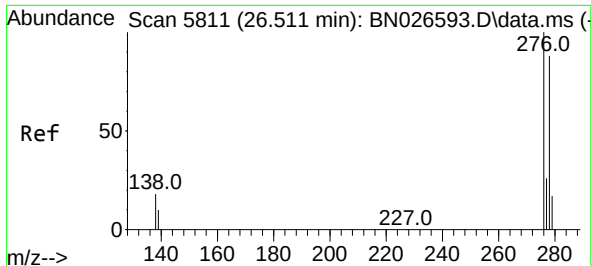
Tgt Ion:252 Resp: 8612
Ion Ratio Lower Upper
252 100
253 35.6 32.6 49.0
125 13.3 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.383 min Scan# 5773
Delta R.T. -0.114 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

Tgt Ion:276 Resp: 11419
Ion Ratio Lower Upper
276 100
138 14.5 22.2 33.4#
227 0.2 0.1 0.1#

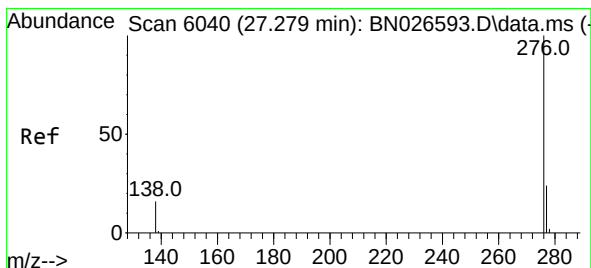
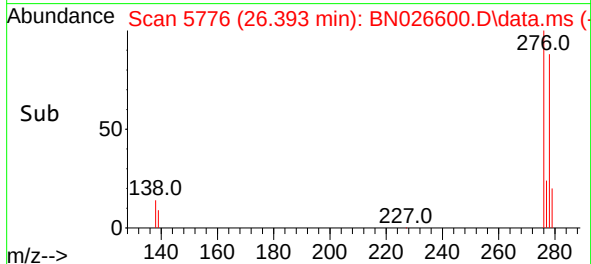
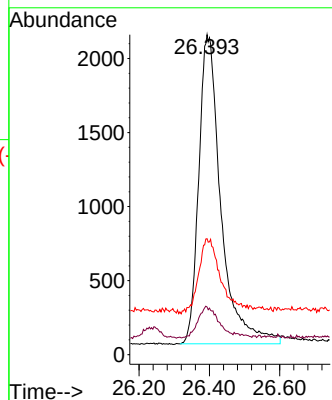
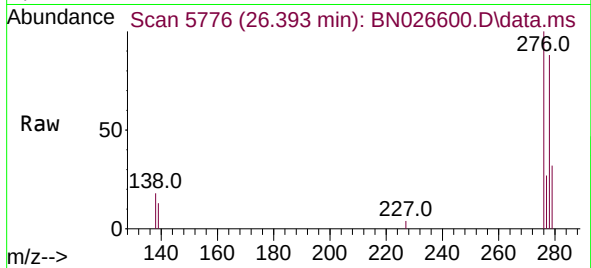




#28
Dibenzo(a,h)anthracene
Concen: 0.424 ng/ul
RT: 26.393 min Scan# 51
Delta R.T. -0.117 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

Instrument :
BNA_N
ClientSampleId :
PB154197BSD

Tgt Ion:278 Resp: 9144
Ion Ratio Lower Upper
278 100
139 14.9 18.9 28.3#
279 36.2 31.3 46.9



#29
Benzo(g,h,i)perylene
Concen: 0.389 ng/ul
RT: 27.148 min Scan# 6001
Delta R.T. -0.131 min
Lab File: BN026600.D
Acq: 19 Jul 2023 17:11

Tgt Ion:276 Resp: 9648
Ion Ratio Lower Upper
276 100
138 16.1 22.6 34.0#
277 27.2 21.8 32.8

