

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080323\
 Data File : BN026803.D
 Acq On : 03 Aug 2023 13:24
 Operator : MA/JU
 Sample : SST0.421
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4239

Quant Time: Aug 04 03:38:28 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 15:46:03 2023
 Response via : Initial Calibration

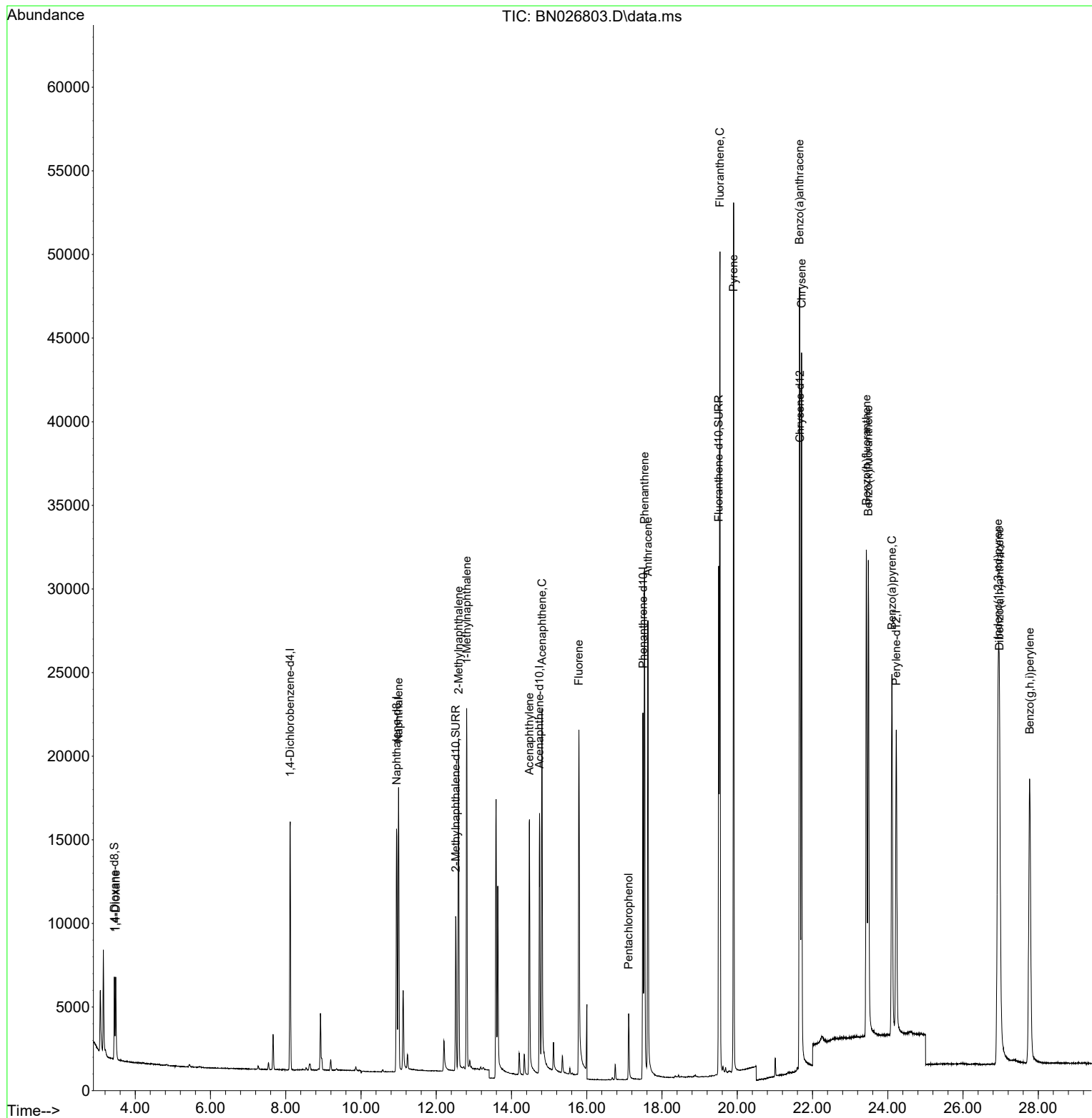
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	7390	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	20899	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.745	164	9616	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.494	188	26838	0.400	ng/ul	0.00
17) Chrysene-d12	21.668	240	24645	0.400	ng/ul	0.00
23) Perylene-d12	24.226	264	27798	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.444	96	3553	0.405	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	12049	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.506	212	32064	0.412	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.481	88	3622	0.404	ng/ul	100
5) Naphthalene	10.999	128	23600	0.400	ng/ul	100
7) 2-Methylnaphthalene	12.594	142	14006	0.392	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	14610	0.390	ng/ul	100
10) Acenaphthylene	14.476	152	21408	0.397	ng/ul	100
11) Acenaphthene	14.809	153	15038	0.403	ng/ul	100
12) Fluorene	15.790	166	17169	0.407	ng/ul	100
14) Pentachlorophenol	17.114	266	2917	0.384	ng/ul	100
15) Phenanthrene	17.536	178	34932	0.396	ng/ul	100
16) Anthracene	17.624	178	31353	0.393	ng/ul	100
19) Fluoranthene	19.539	202	42118	0.411	ng/ul	100
20) Pyrene	19.901	202	44210	0.405	ng/ul	100
21) Benzo(a)anthracene	21.653	228	39369	0.402	ng/ul	100
22) Chrysene	21.709	228	38837	0.401	ng/ul	100
24) Benzo(b)fluoranthene	23.430	252	41814	0.398	ng/ul	100
25) Benzo(k)fluoranthene	23.486	252	42104	0.406	ng/ul	100
26) Benzo(a)pyrene	24.111	252	38079	0.401	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.928	276	49995	0.403	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.969	278	39956	0.404	ng/ul	100
29) Benzo(g,h,i)perylene	27.770	276	42190	0.408	ng/ul	100

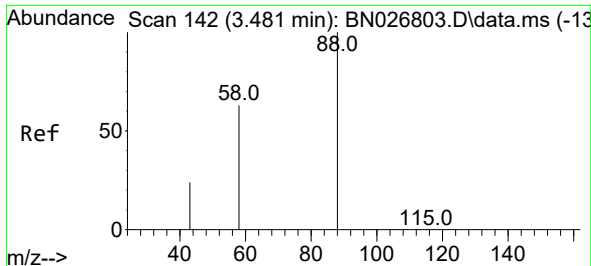
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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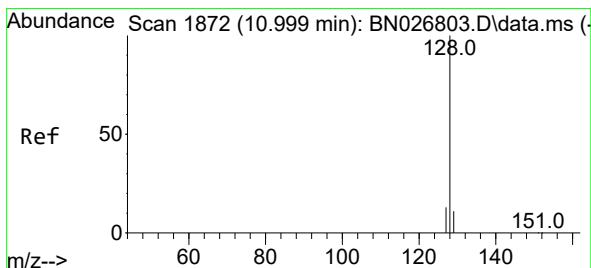
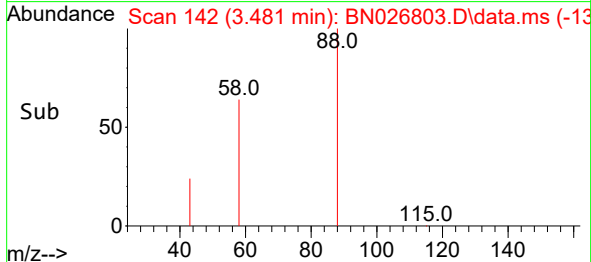
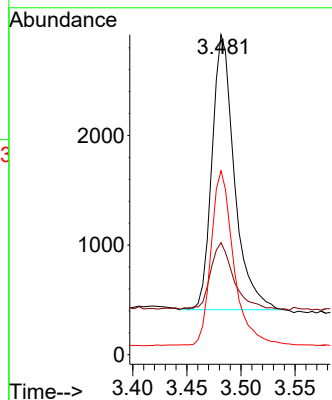
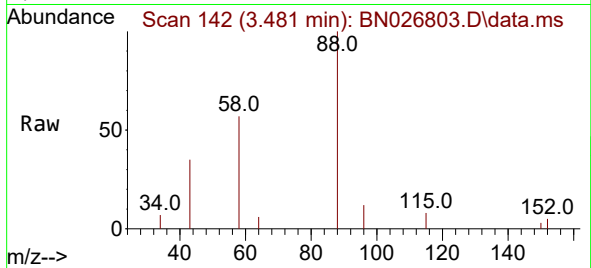




#2
1,4-Dioxane
Concen: 0.404 ng/ul
RT: 3.481 min Scan# 142
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

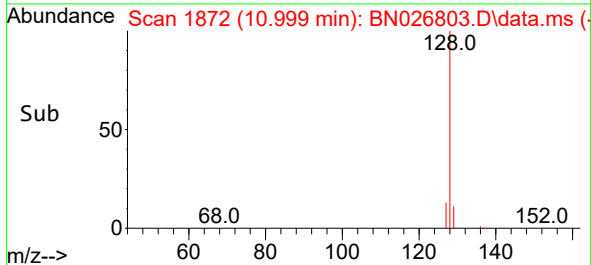
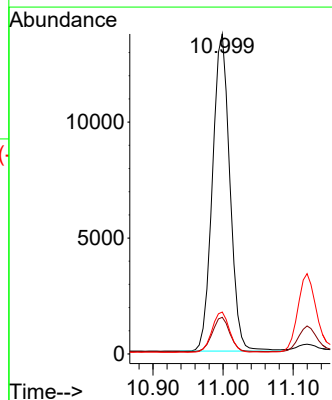
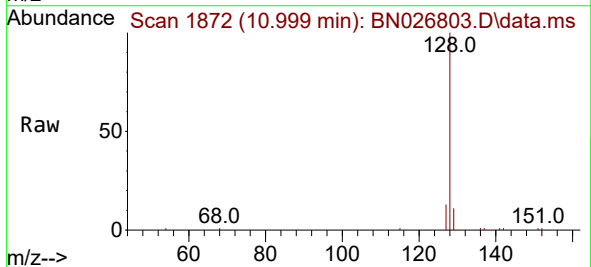
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BNA_N
ClientSampleId :
SSTD0.4239

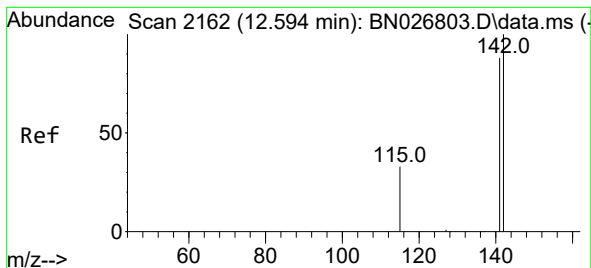
Tgt Ion: 88 Resp: 3622
Ion Ratio Lower Upper
88 100
43 35.0 28.0 42.0
58 57.5 46.0 69.0



#5
Naphthalene
Concen: 0.400 ng/ul
RT: 10.999 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

Tgt Ion: 128 Resp: 23600
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.1 10.5 15.7

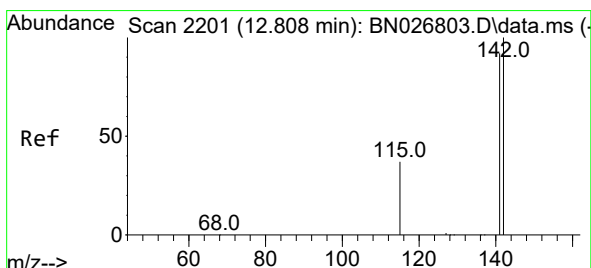
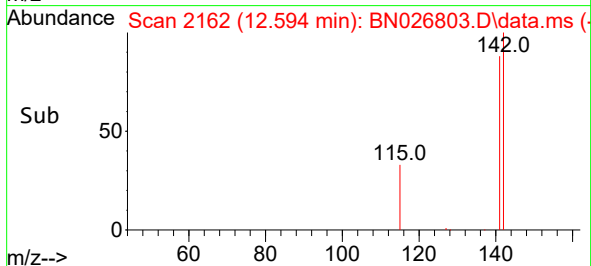
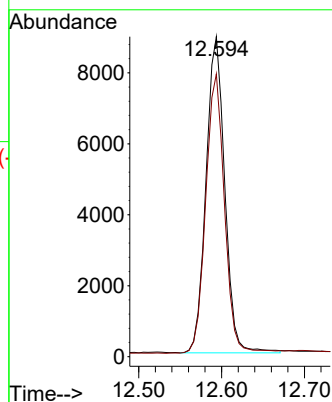
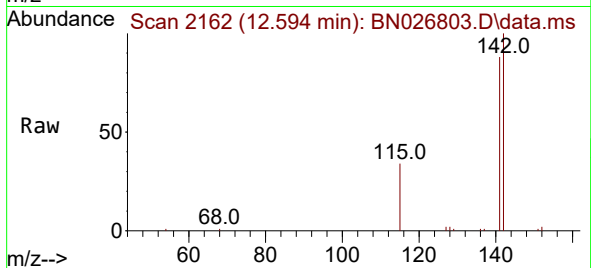




#7
2-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.594 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

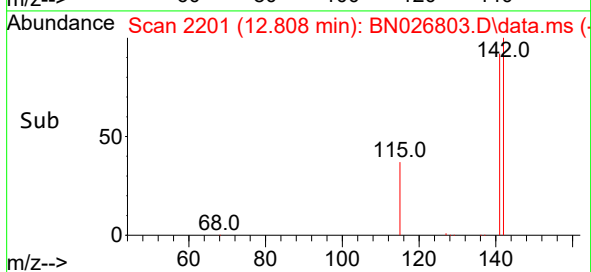
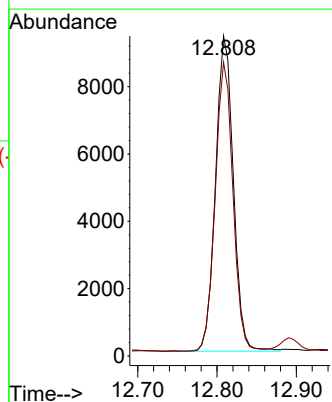
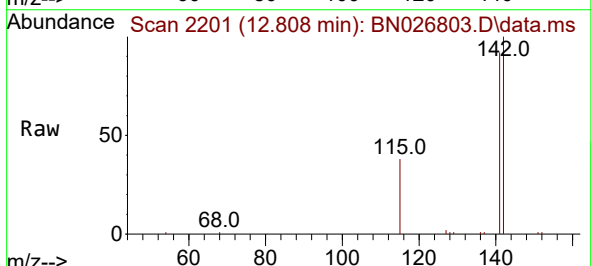
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

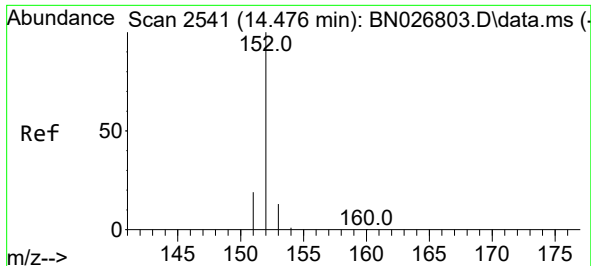
Tgt Ion:142 Resp: 14006
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.808 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

Tgt Ion:142 Resp: 14610
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8

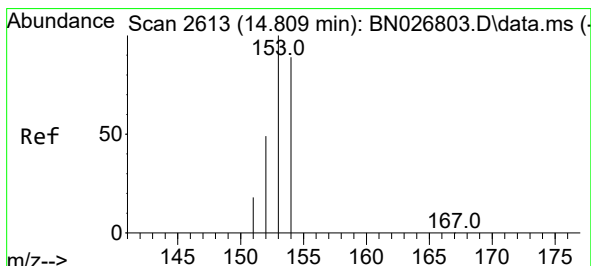
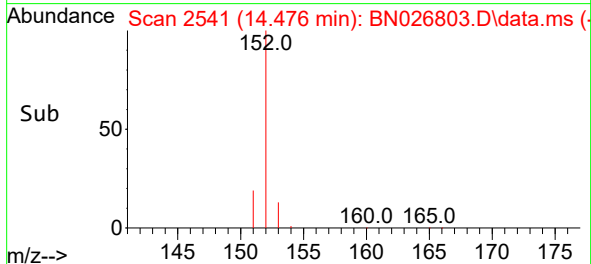
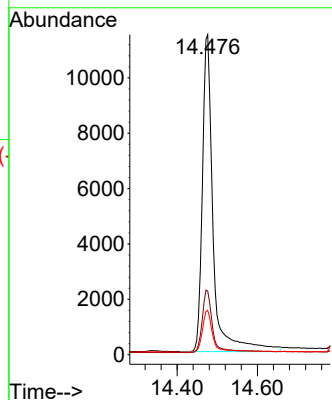
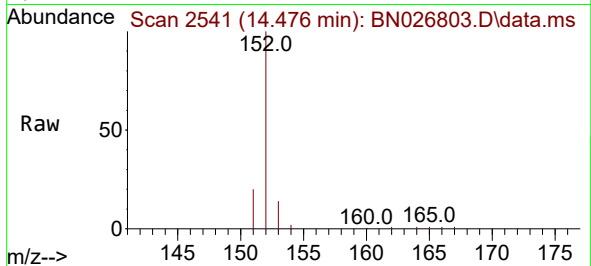




#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.476 min Scan# 2541
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

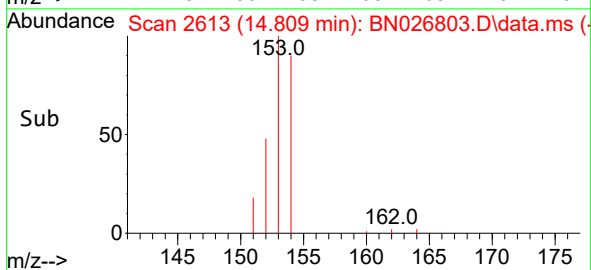
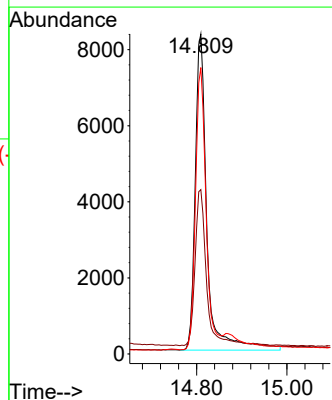
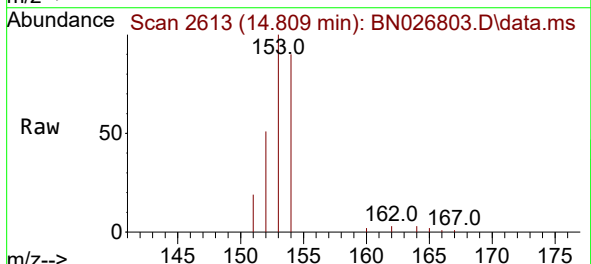
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ClientSampleId :
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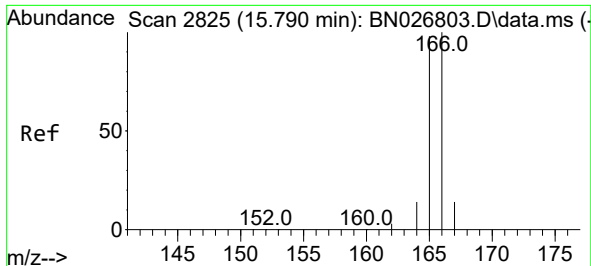
Tgt Ion:152 Resp: 21408
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.8 11.0 16.6



#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.809 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

Tgt Ion:153 Resp: 15038
Ion Ratio Lower Upper
153 100
152 51.4 41.1 61.7
154 89.5 71.6 107.4

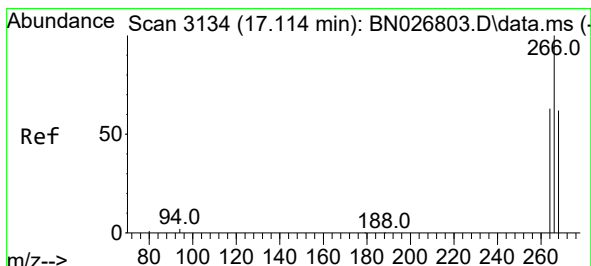
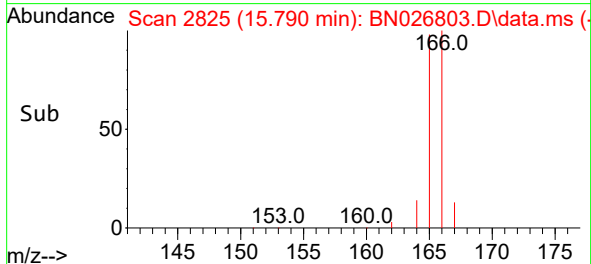
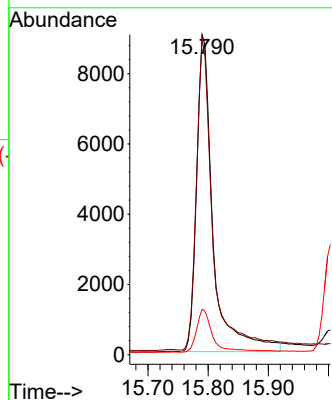
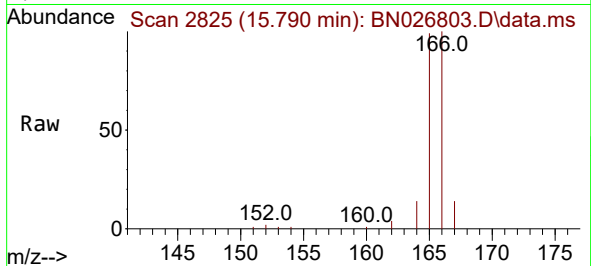




#12
Fluorene
Concen: 0.407 ng/ul
RT: 15.790 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

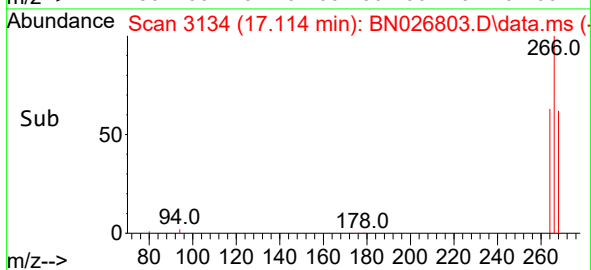
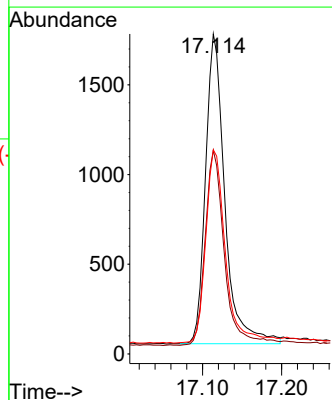
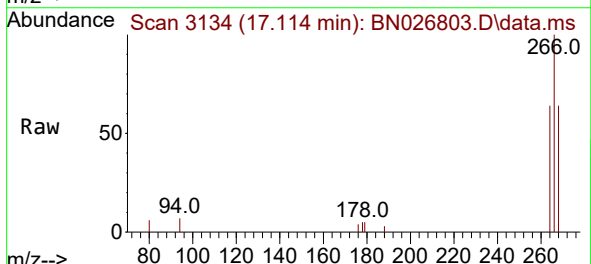
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ClientSampleId :
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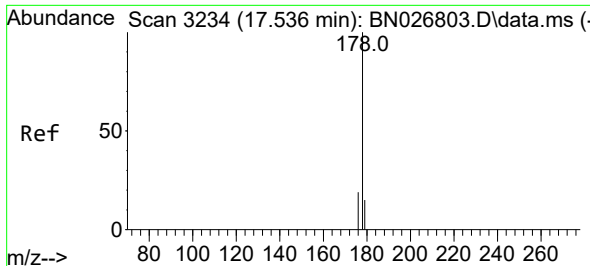
Tgt Ion:166 Resp: 17169
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 14.2 11.4 17.0



#14
Pentachlorophenol
Concen: 0.384 ng/ul
RT: 17.114 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

Tgt Ion:266 Resp: 2917
Ion Ratio Lower Upper
266 100
264 63.0 50.4 75.6
268 64.0 51.2 76.8

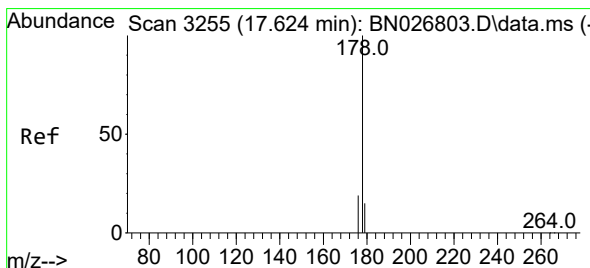
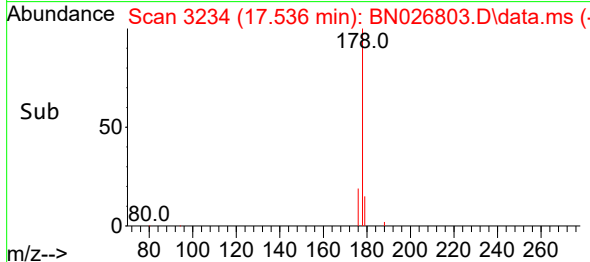
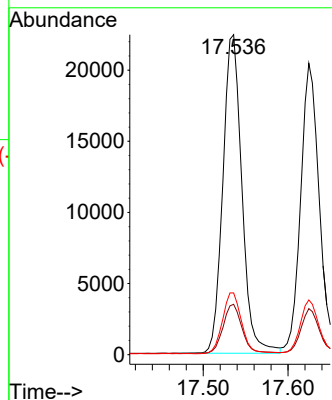
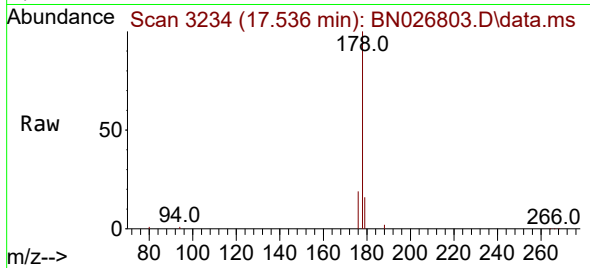




#15
Phenanthrene
Concen: 0.396 ng/u1
RT: 17.536 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

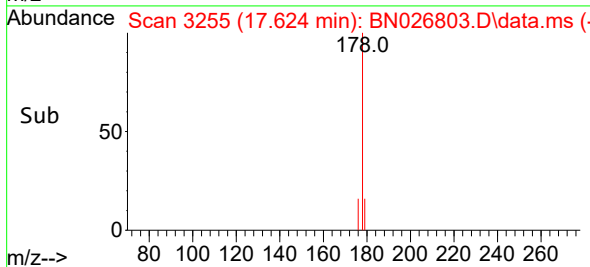
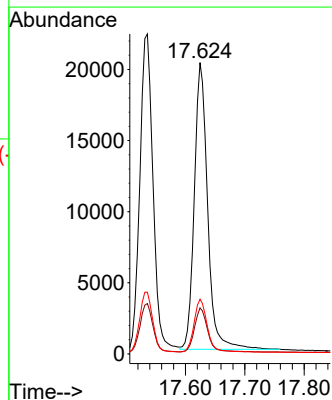
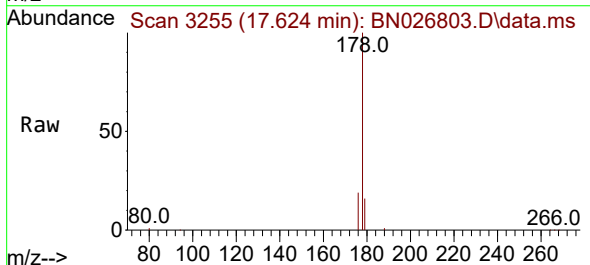
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ClientSampleId :
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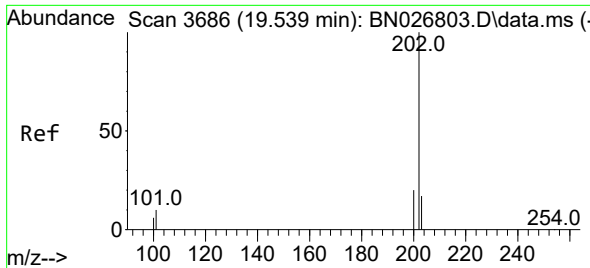
Tgt Ion:178 Resp: 34932
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.3 15.4 23.2



#16
Anthracene
Concen: 0.393 ng/u1
RT: 17.624 min Scan# 3255
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

Tgt Ion:178 Resp: 31353
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 18.8 15.0 22.6

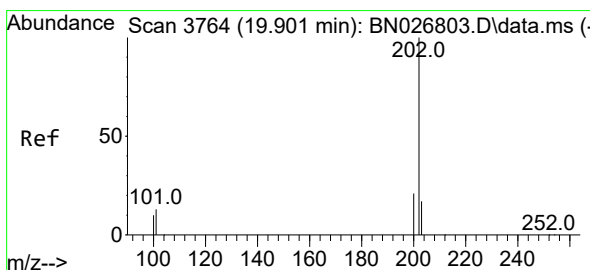
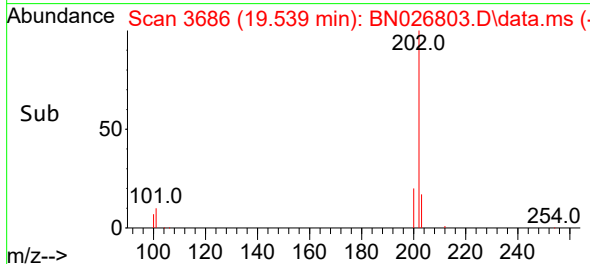
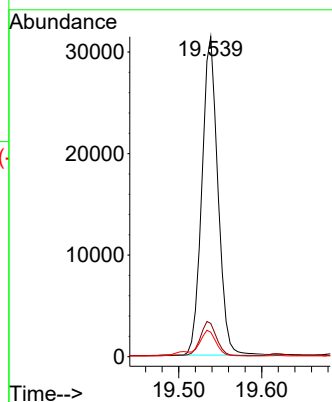
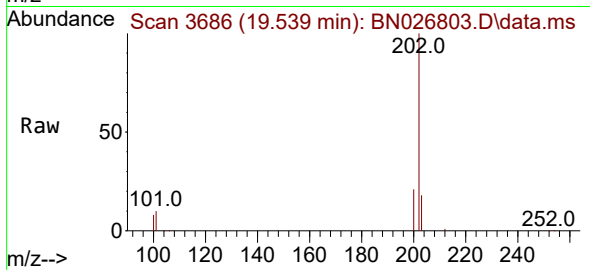




#19
Fluoranthene
Concen: 0.411 ng/ul
RT: 19.539 min Scan# 3686
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

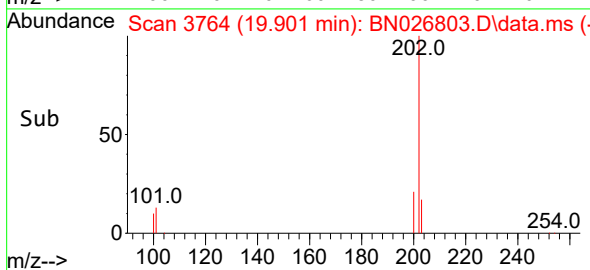
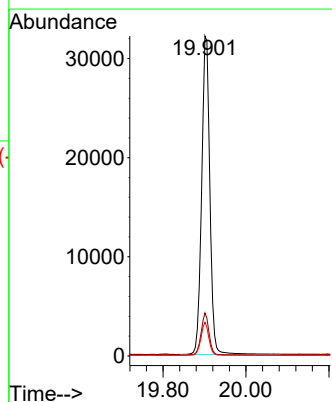
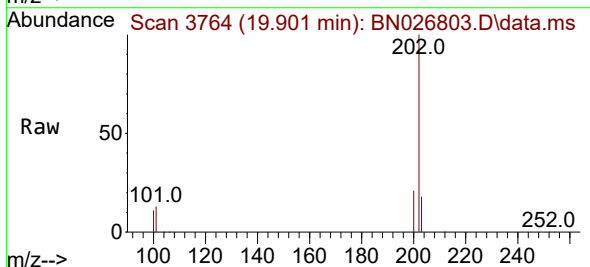
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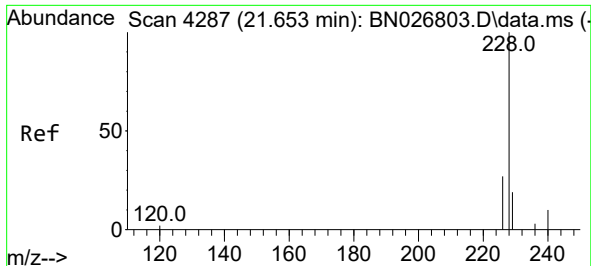
Tgt Ion:202 Resp: 42118
Ion Ratio Lower Upper
202 100
101 10.4 8.3 12.5
100 7.7 6.2 9.2



#20
Pyrene
Concen: 0.405 ng/ul
RT: 19.901 min Scan# 3764
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

Tgt Ion:202 Resp: 44210
Ion Ratio Lower Upper
202 100
101 13.4 10.7 16.1
100 10.6 8.5 12.7

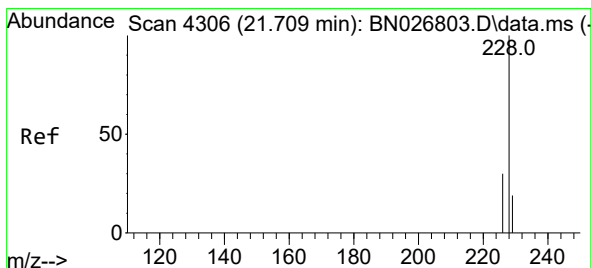
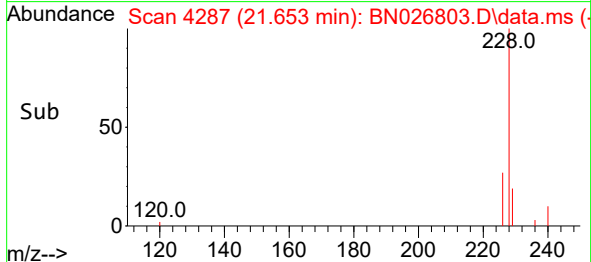
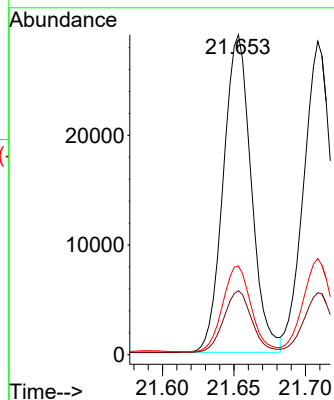
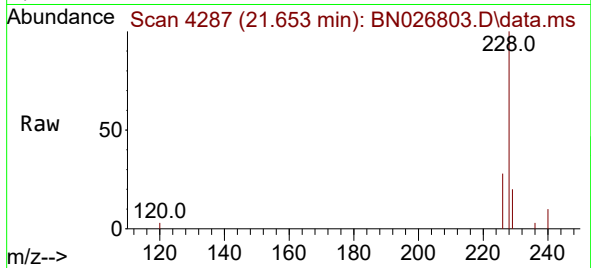




#21
Benzo(a)anthracene
Concen: 0.402 ng/ul
RT: 21.653 min Scan# 4287
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

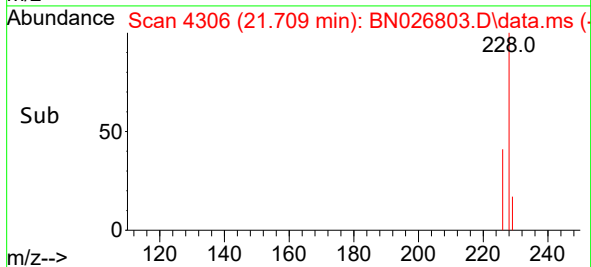
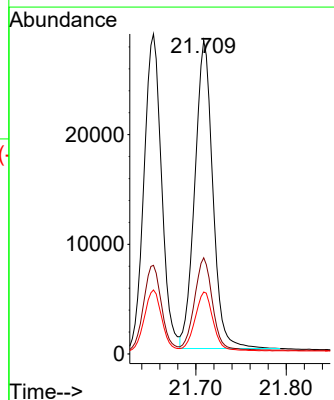
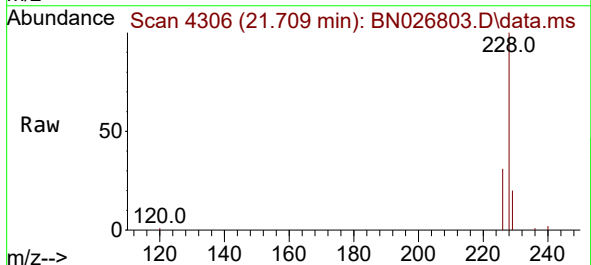
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

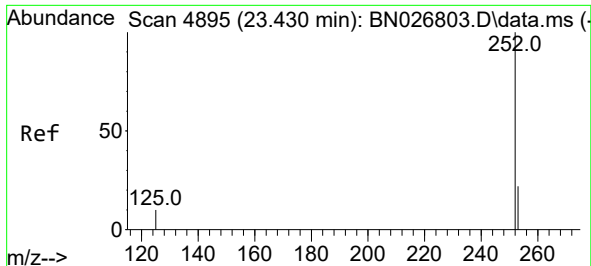
Tgt Ion:228 Resp: 39369
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.7 22.2 33.2



#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.709 min Scan# 4306
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

Tgt Ion:228 Resp: 38837
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 19.7 15.8 23.6

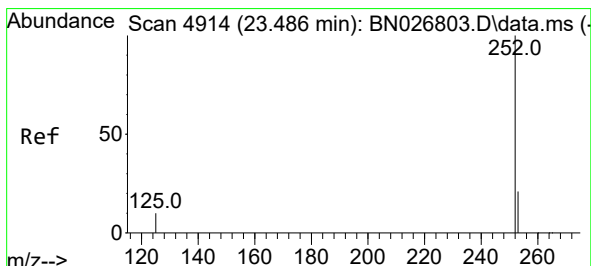
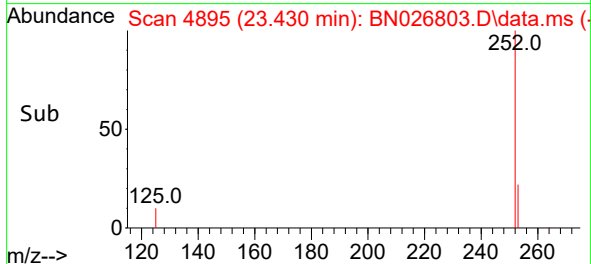
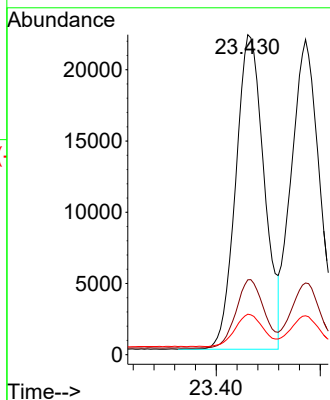
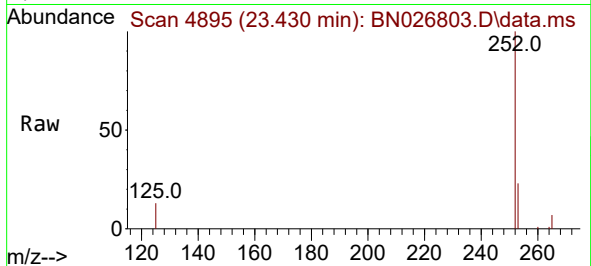




#24
Benzo(b)fluoranthene
Concen: 0.398 ng/ul
RT: 23.430 min Scan# 4895
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

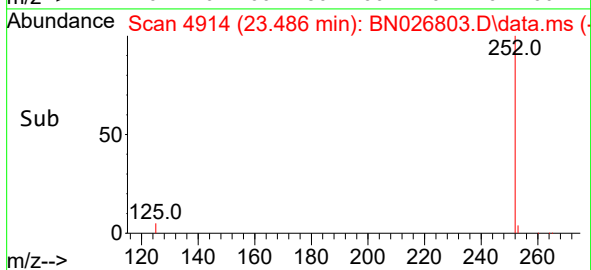
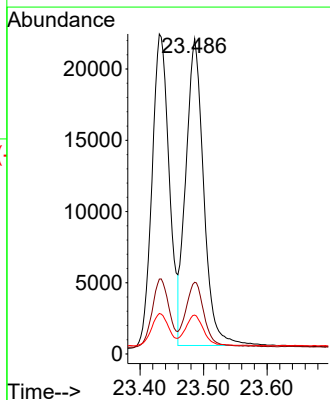
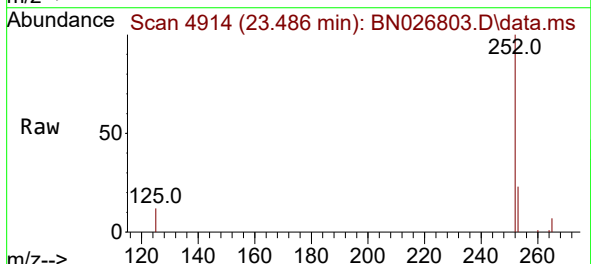
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

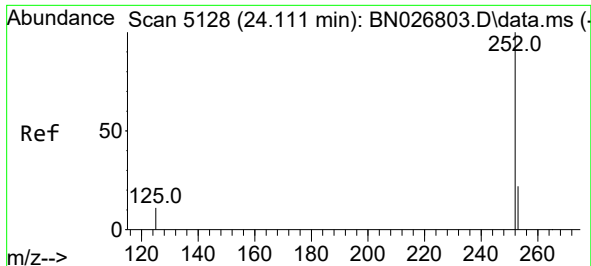
Tgt Ion:252 Resp: 41814
Ion Ratio Lower Upper
252 100
253 23.4 0.0 46.8
125 12.6 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.406 ng/ul
RT: 23.486 min Scan# 4914
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

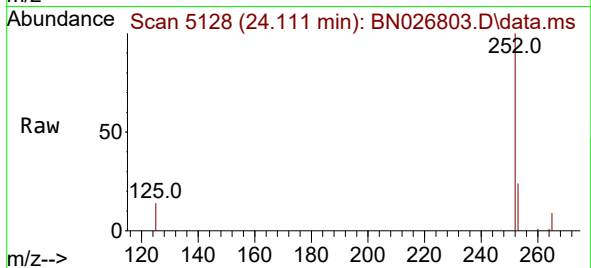
Tgt Ion:252 Resp: 42104
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 12.4 9.9 14.9



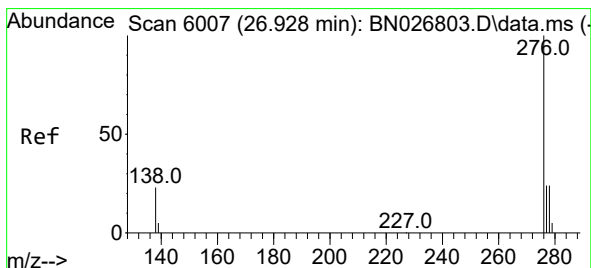
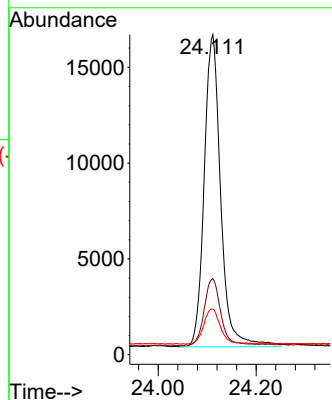
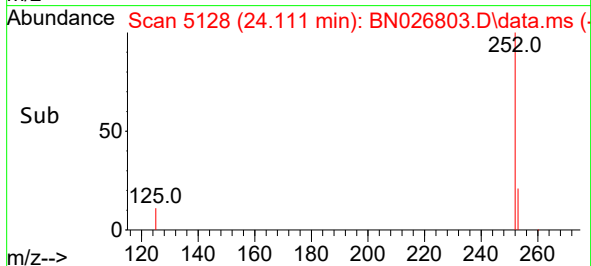


#26
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 24.111 min Scan# 5128
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

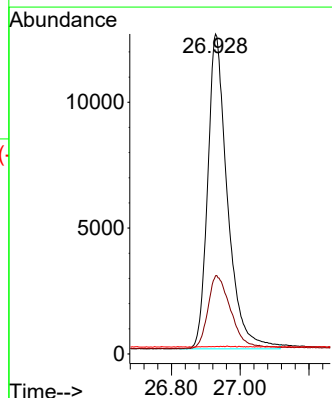
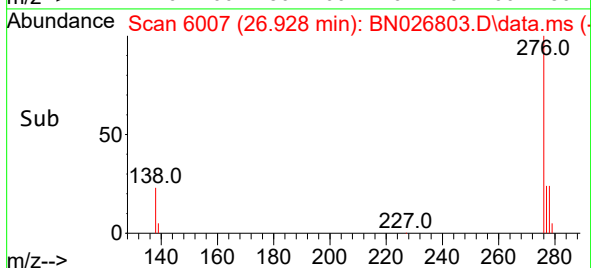
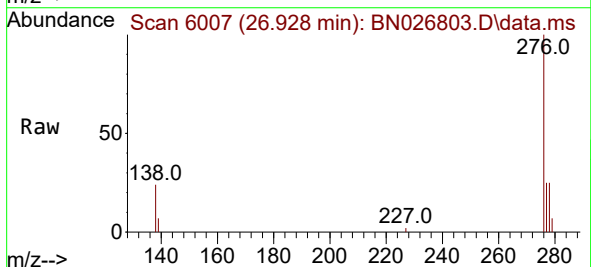


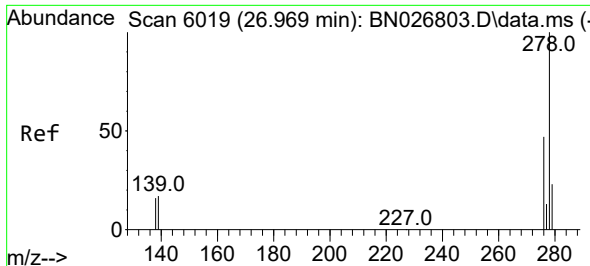
Tgt Ion:252 Resp: 38079
Ion Ratio Lower Upper
252 100
253 23.8 19.0 28.6
125 14.2 11.4 17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng/ul
RT: 26.928 min Scan# 6007
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

Tgt Ion:276 Resp: 49995
Ion Ratio Lower Upper
276 100
138 27.0 21.6 32.4
227 0.0 0.0 0.0#

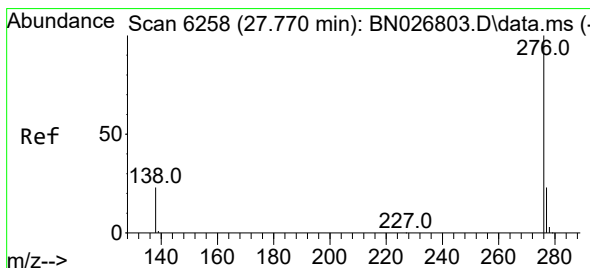
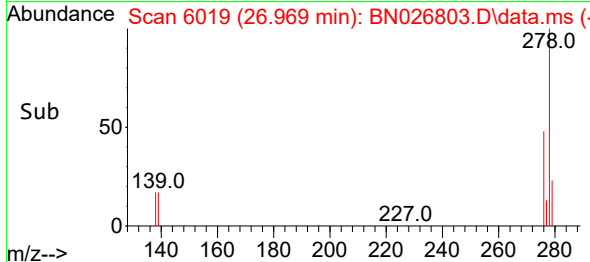
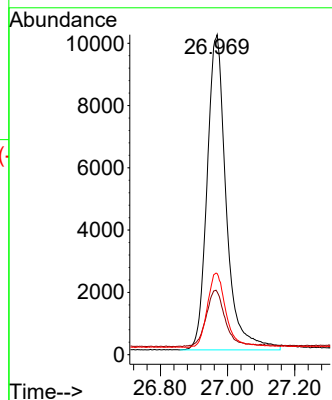
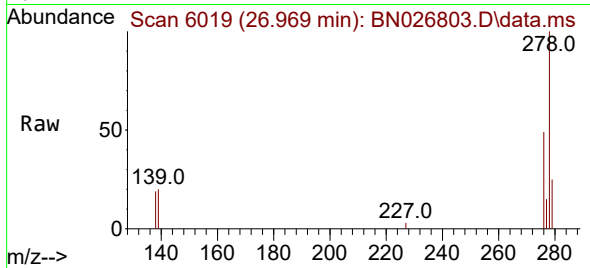




#28
Dibenzo(a,h)anthracene
Concen: 0.404 ng/ul
RT: 26.969 min Scan# 6019
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

Tgt Ion:278 Resp: 39956
Ion Ratio Lower Upper
278 100
139 19.6 15.7 23.5
279 25.3 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.408 ng/ul
RT: 27.770 min Scan# 6258
Delta R.T. 0.000 min
Lab File: BN026803.D
Acq: 03 Aug 2023 13:24

Tgt Ion:276 Resp: 42190
Ion Ratio Lower Upper
276 100
138 24.1 19.3 28.9
277 24.8 19.8 29.8

