

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080323\
 Data File : BN026806.D
 Acq On : 03 Aug 2023 15:14
 Operator : MA/JU
 Sample : SSTD3.224
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2242

Quant Time: Aug 04 03:39:05 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

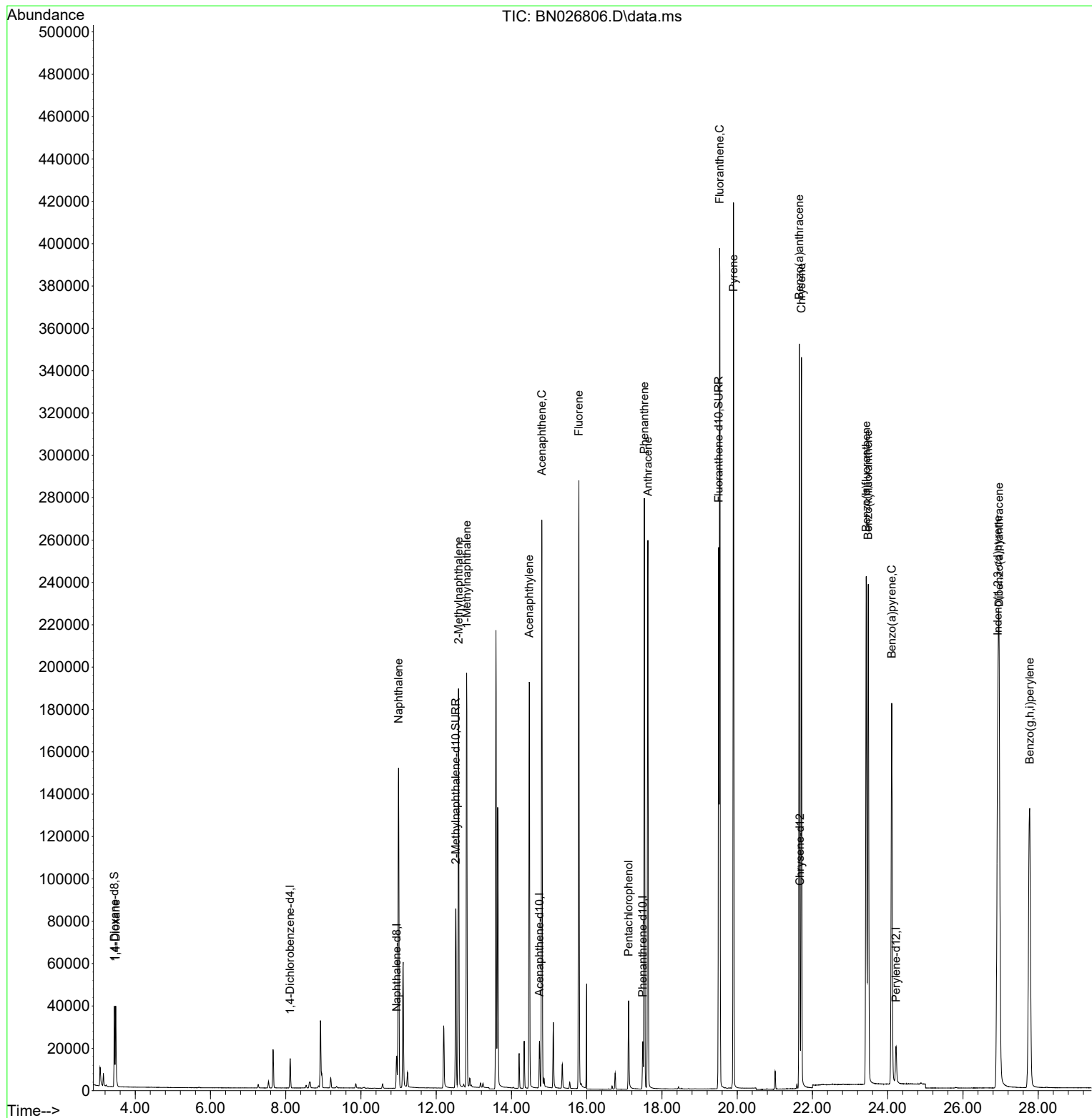
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	6960	0.400	ng/ul	0.00
4) Naphthalene-d8	10.949	136	21637	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.745	164	12402	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.489	188	27123	0.400	ng/ul	0.00
17) Chrysene-d12	21.667	240	24009	0.400	ng/ul	0.00
23) Perylene-d12	24.222	264	25855	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.444	96	27006	3.268	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	111714	3.509	ng/ul	0.00
18) Fluoranthene-d10	19.506	212	258820	3.414	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.482	88	27931	3.311	ng/ul#	90
5) Naphthalene	10.999	128	204666	3.347	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	131873	3.561	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	134718	3.475	ng/ul	100
10) Acenaphthylene	14.472	152	220688	3.176	ng/ul	99
11) Acenaphthene	14.805	153	153159	3.185	ng/ul	99
12) Fluorene	15.790	166	178549	3.282	ng/ul	98
14) Pentachlorophenol	17.113	266	28307	3.689	ng/ul	100
15) Phenanthrene	17.531	178	287061	3.222	ng/ul	99
16) Anthracene	17.624	178	278891	3.463	ng/ul	99
19) Fluoranthene	19.534	202	332912	3.338	ng/ul	98
20) Pyrene	19.901	202	343423	3.227	ng/ul	97
21) Benzo(a)anthracene	21.650	228	319702	3.348	ng/ul	99
22) Chrysene	21.705	228	308948	3.278	ng/ul	100
24) Benzo(b)fluoranthene	23.427	252	338980	3.466	ng/ul	96
25) Benzo(k)fluoranthene	23.483	252	327741	3.398	ng/ul	97
26) Benzo(a)pyrene	24.105	252	298197	3.379	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.928	276	392673	3.402	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.961	278	314397	3.417	ng/ul	96
29) Benzo(g,h,i)perylene	27.773	276	325188	3.383	ng/ul	97

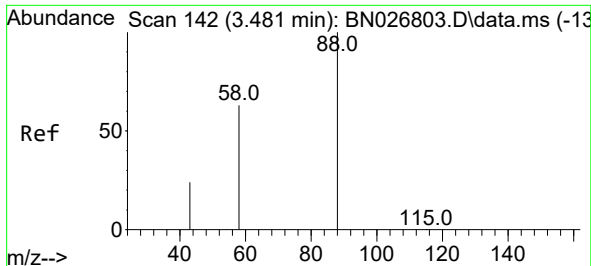
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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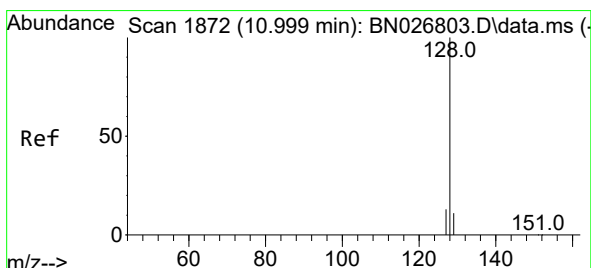
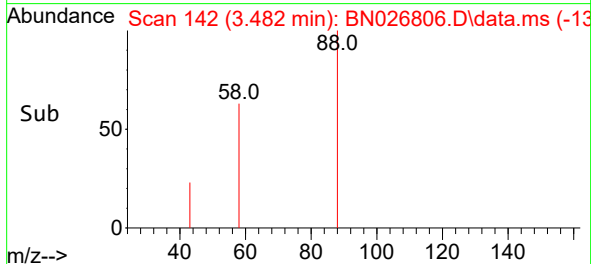
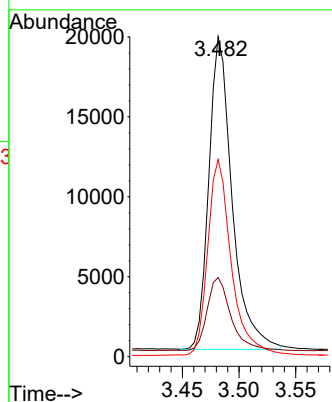
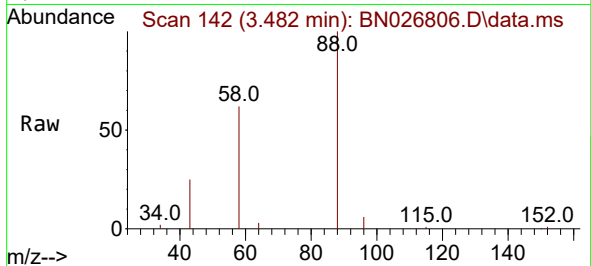




#2
1,4-Dioxane
Concen: 3.311 ng/ul
RT: 3.482 min Scan# 142
Delta R.T. 0.000 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

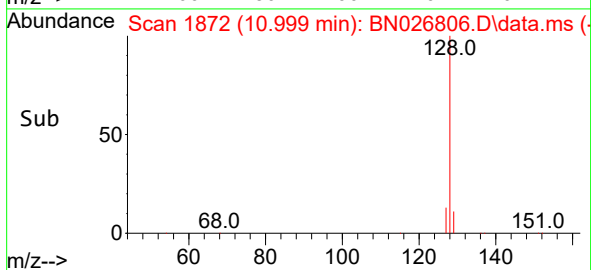
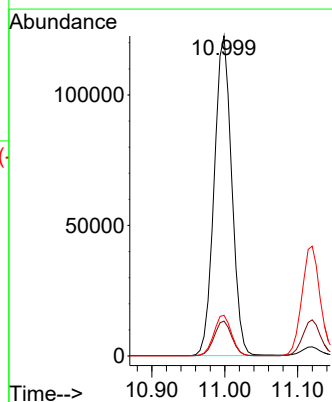
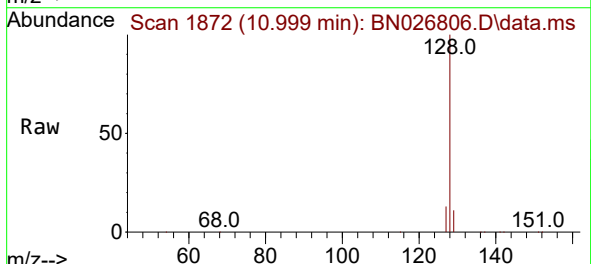
Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

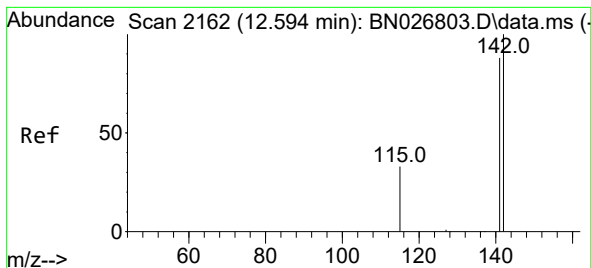
Tgt Ion: 88 Resp: 27931
Ion Ratio Lower Upper
88 100
43 24.8 28.0 42.0#
58 61.6 46.0 69.0



#5
Naphthalene
Concen: 3.347 ng/ul
RT: 10.999 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

Tgt Ion:128 Resp: 204666
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 12.7 10.5 15.7

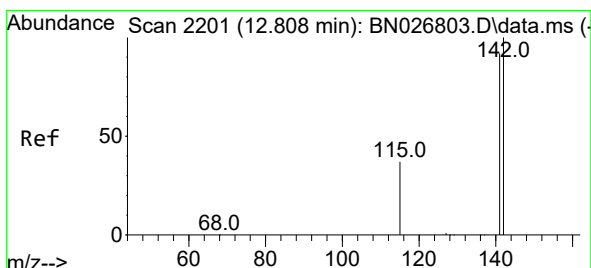
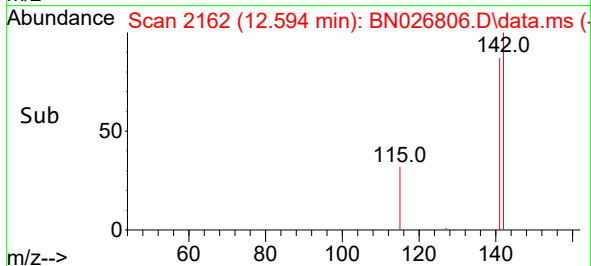
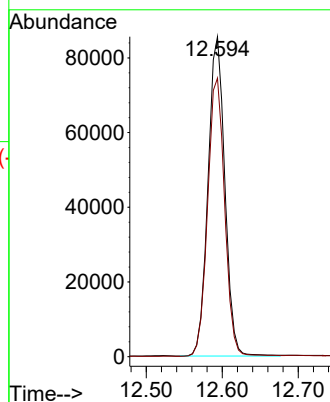
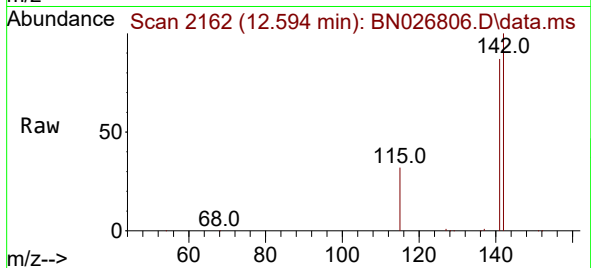




#7
2-Methylnaphthalene
Concen: 3.561 ng/ul
RT: 12.594 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

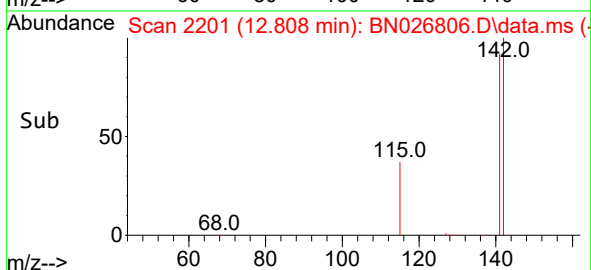
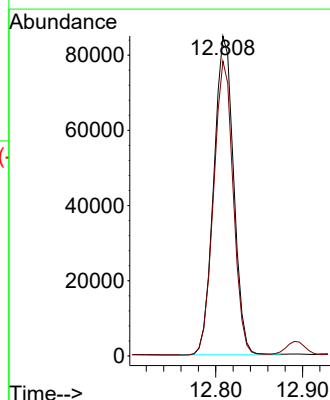
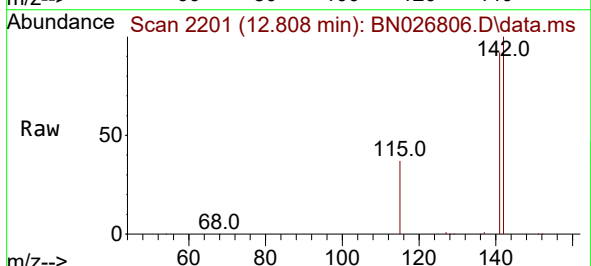
Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

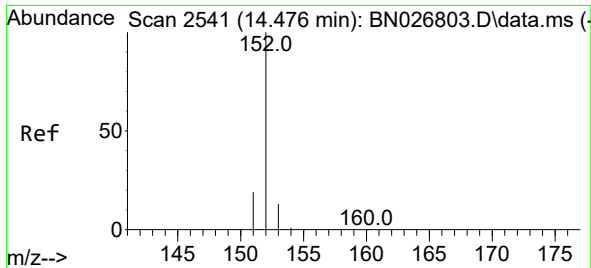
Tgt Ion:142 Resp: 131873
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 3.475 ng/ul
RT: 12.808 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

Tgt Ion:142 Resp: 134718
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8

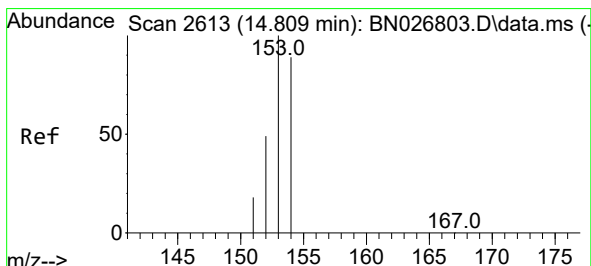
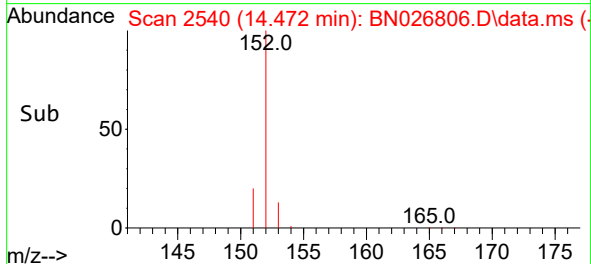
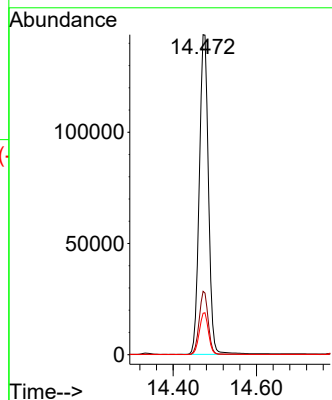
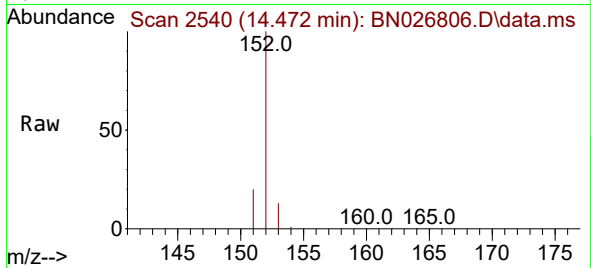




#10
Acenaphthylene
Concen: 3.176 ng/ul
RT: 14.472 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

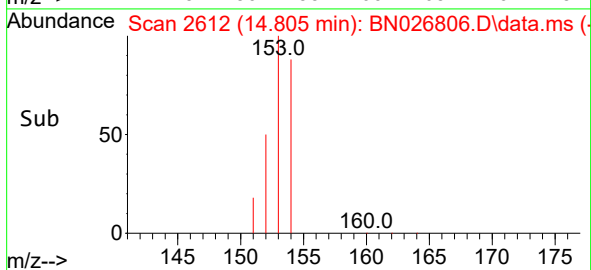
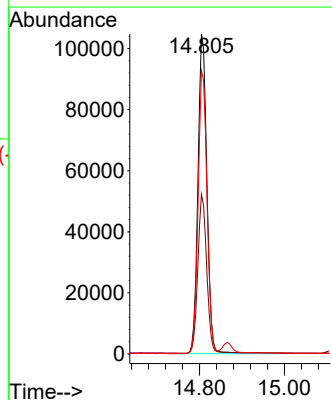
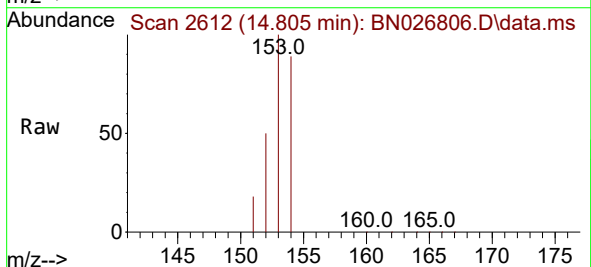
Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

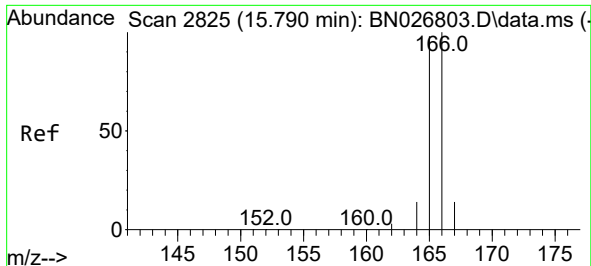
Tgt Ion:152 Resp: 220688
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.0 11.0 16.6



#11
Acenaphthene
Concen: 3.185 ng/ul
RT: 14.805 min Scan# 2612
Delta R.T. -0.005 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

Tgt Ion:153 Resp: 153159
Ion Ratio Lower Upper
153 100
152 49.9 41.1 61.7
154 88.5 71.6 107.4

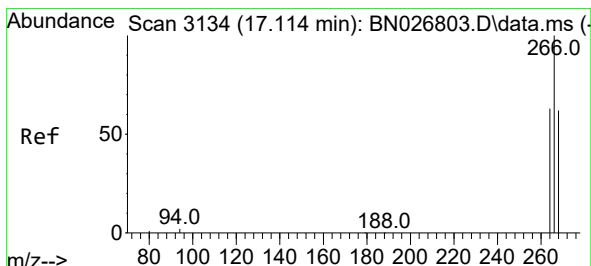
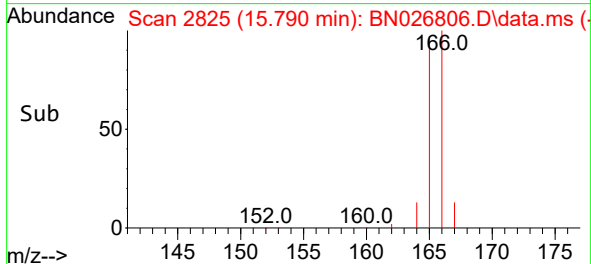
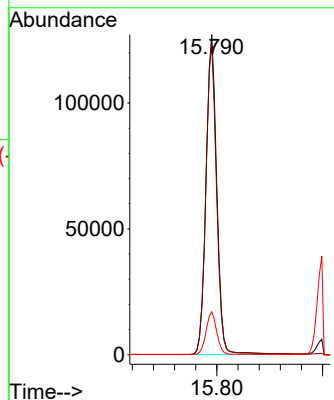
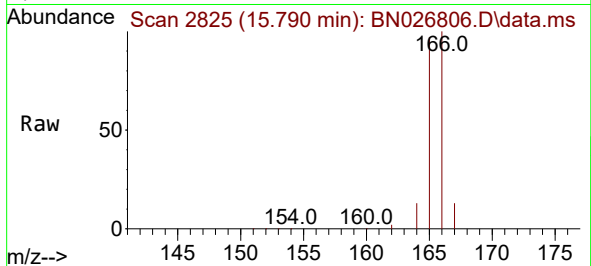




#12
Fluorene
Concen: 3.282 ng/ul
RT: 15.790 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

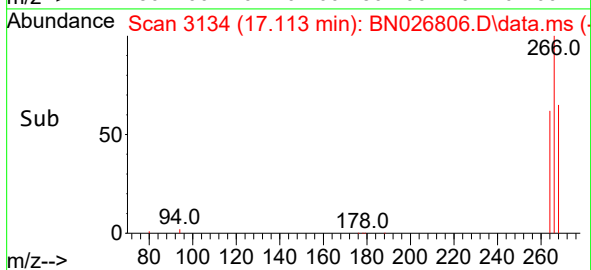
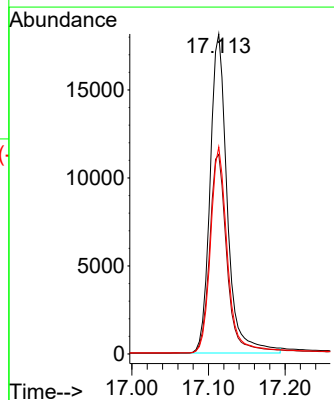
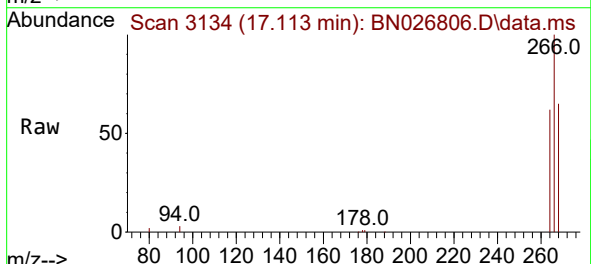
Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

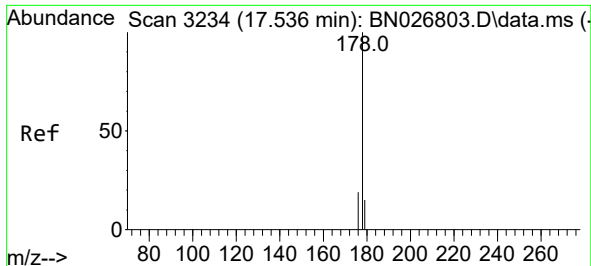
Tgt Ion:166 Resp: 178549
Ion Ratio Lower Upper
166 100
165 96.9 79.1 118.7
167 13.4 11.4 17.0



#14
Pentachlorophenol
Concen: 3.689 ng/ul
RT: 17.113 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

Tgt Ion:266 Resp: 28307
Ion Ratio Lower Upper
266 100
264 62.9 50.4 75.6
268 63.7 51.2 76.8

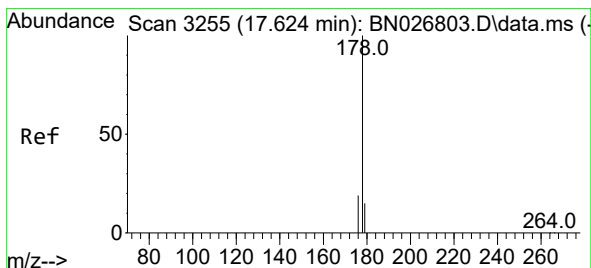
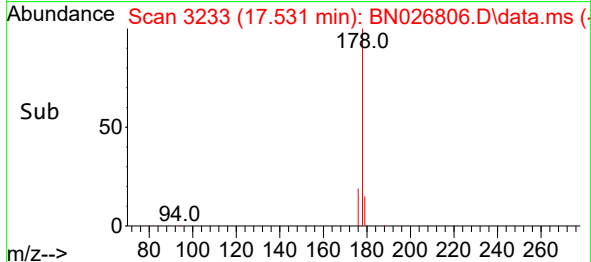
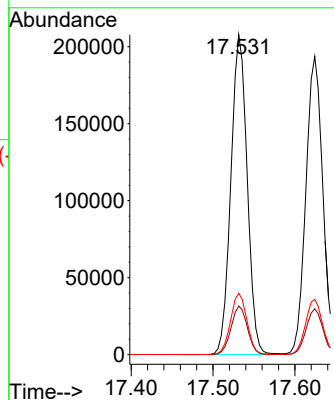
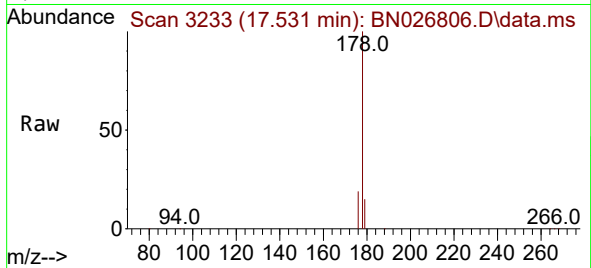




#15
Phenanthrene
Concen: 3.222 ng/ul
RT: 17.531 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

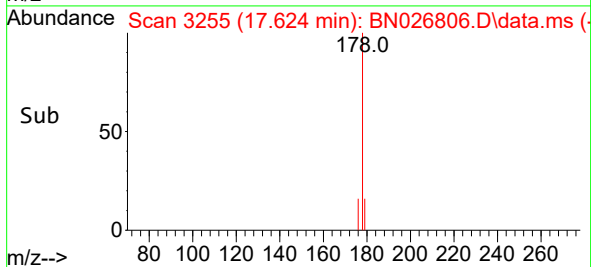
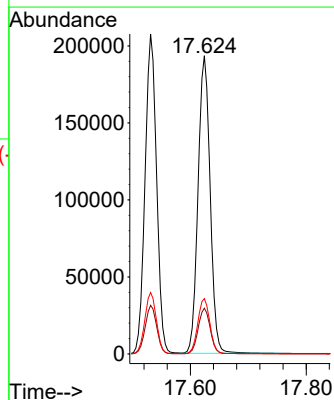
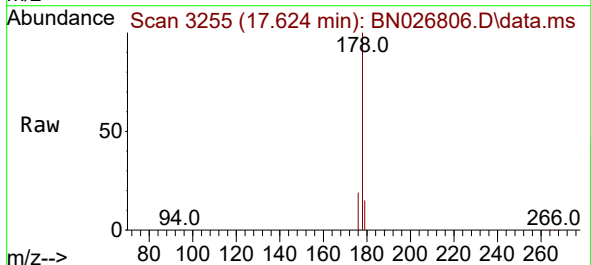
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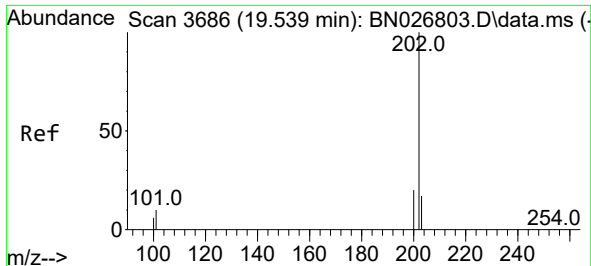
Tgt Ion:178 Resp: 287061
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.2 15.4 23.2



#16
Anthracene
Concen: 3.463 ng/ul
RT: 17.624 min Scan# 3255
Delta R.T. -0.000 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

Tgt Ion:178 Resp: 278891
Ion Ratio Lower Upper
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179 15.4 12.6 19.0
176 18.5 15.0 22.6

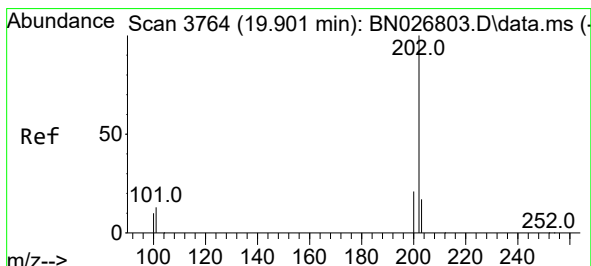
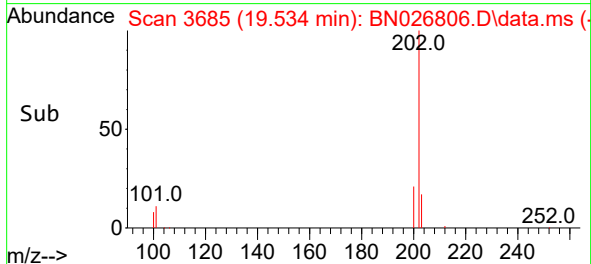
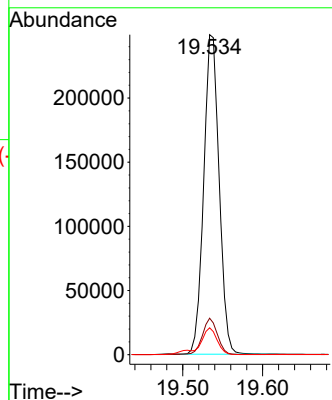
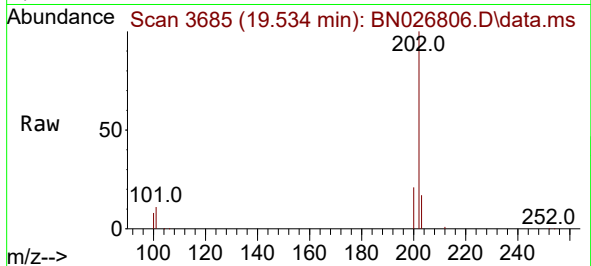




#19
Fluoranthene
Concen: 3.338 ng/ul
RT: 19.534 min Scan# 3686
Delta R.T. -0.005 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

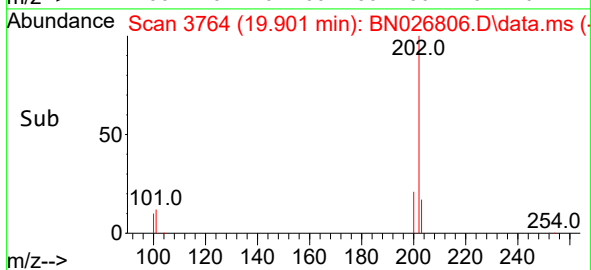
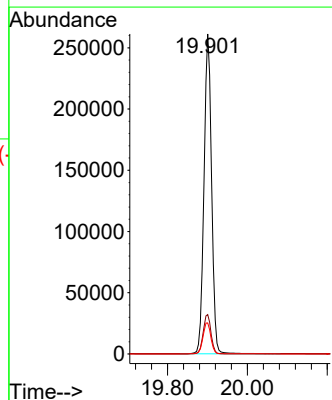
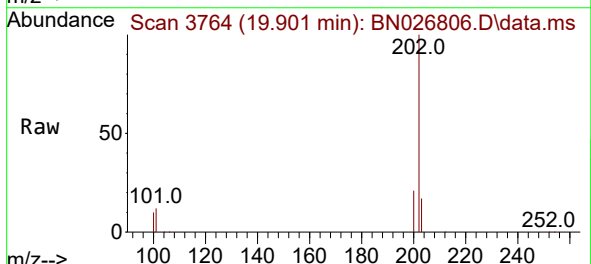
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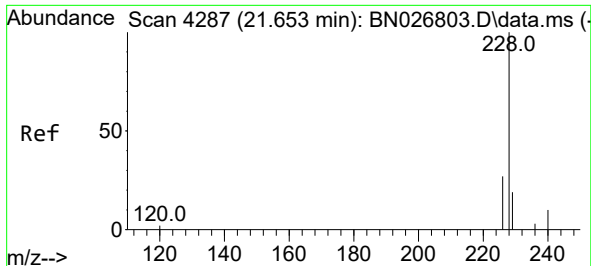
Tgt Ion:202 Resp: 332912
Ion Ratio Lower Upper
202 100
101 11.4 8.3 12.5
100 8.4 6.2 9.2



#20
Pyrene
Concen: 3.227 ng/ul
RT: 19.901 min Scan# 3764
Delta R.T. -0.000 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

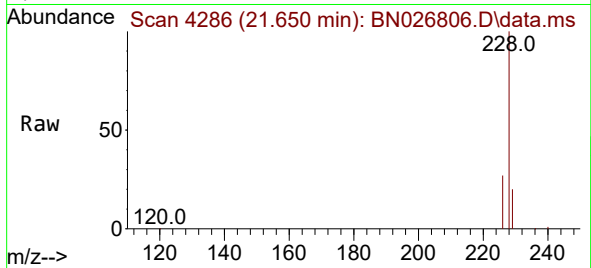
Tgt Ion:202 Resp: 343423
Ion Ratio Lower Upper
202 100
101 12.3 10.7 16.1
100 9.7 8.5 12.7



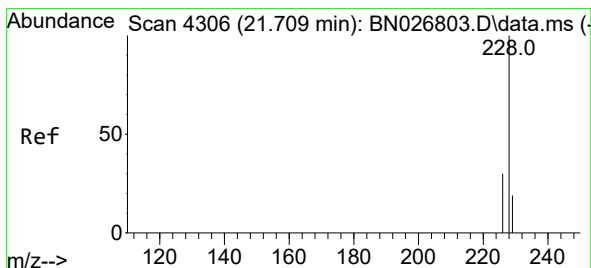
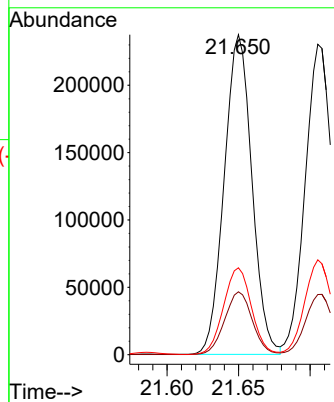
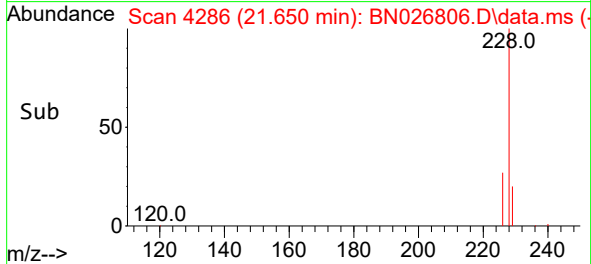


#21
Benzo(a)anthracene
Concen: 3.348 ng/ul
RT: 21.650 min Scan# 4305
Delta R.T. -0.003 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

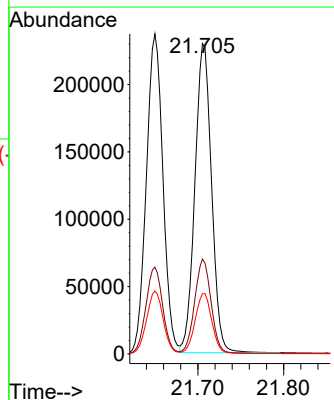
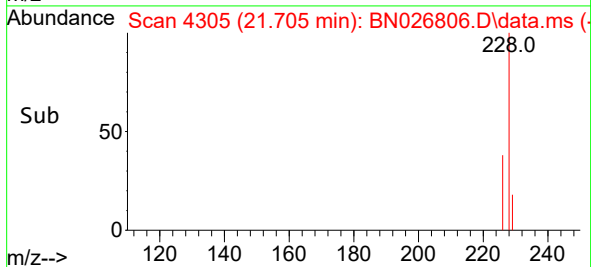
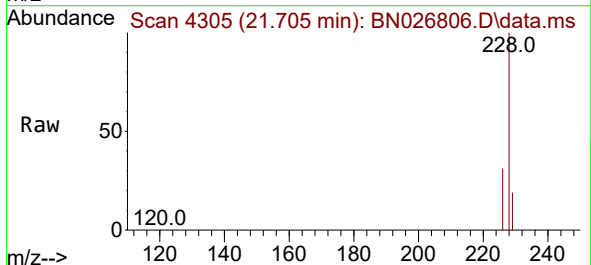


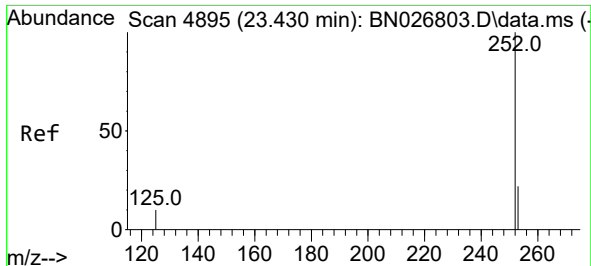
Tgt Ion:228 Resp: 319702
Ion Ratio Lower Upper
228 100
229 19.6 16.0 24.0
226 27.1 22.2 33.2



#22
Chrysene
Concen: 3.278 ng/ul
RT: 21.705 min Scan# 4305
Delta R.T. -0.003 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

Tgt Ion:228 Resp: 308948
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 19.4 15.8 23.6

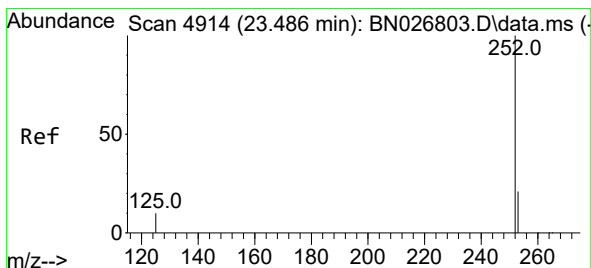
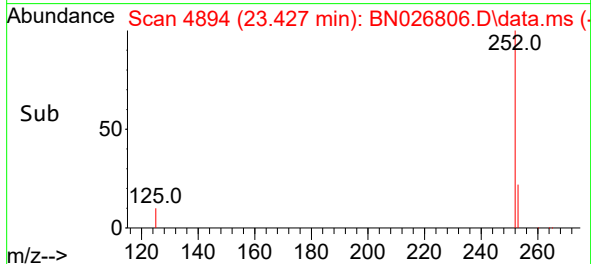
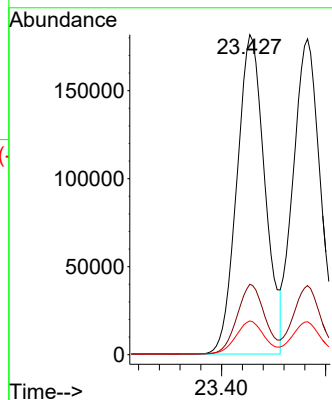
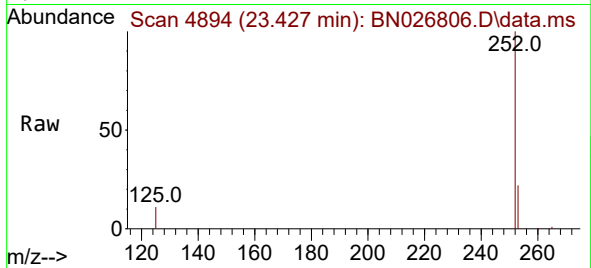




#24
Benzo(b)fluoranthene
Concen: 3.466 ng/ul
RT: 23.427 min Scan# 4894
Delta R.T. -0.003 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

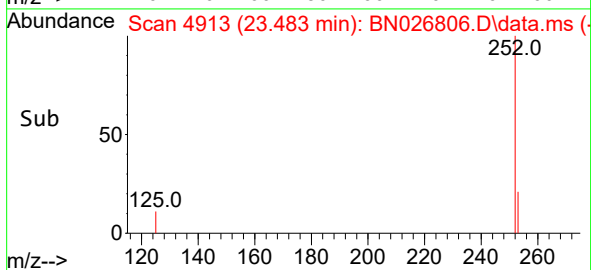
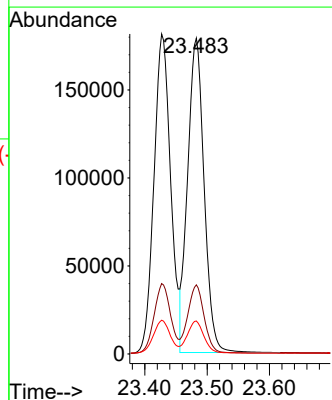
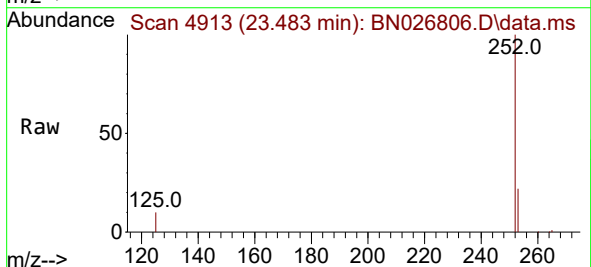
Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

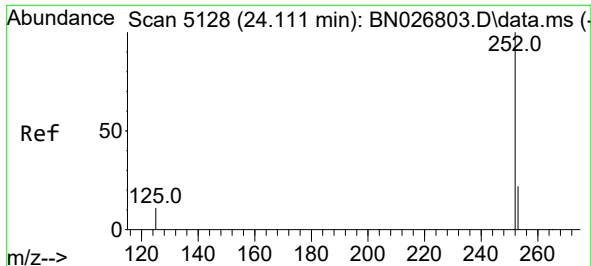
Tgt Ion:252 Resp: 338980
Ion Ratio Lower Upper
252 100
253 22.0 0.0 46.8
125 10.5 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 3.398 ng/ul
RT: 23.483 min Scan# 4913
Delta R.T. -0.003 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

Tgt Ion:252 Resp: 327741
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 10.4 9.9 14.9

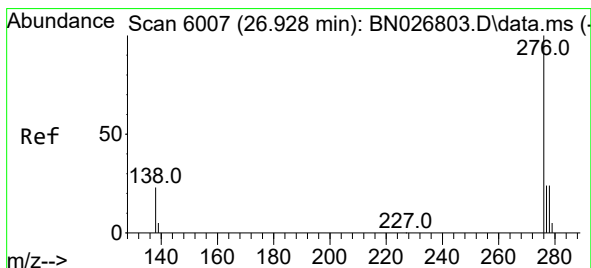
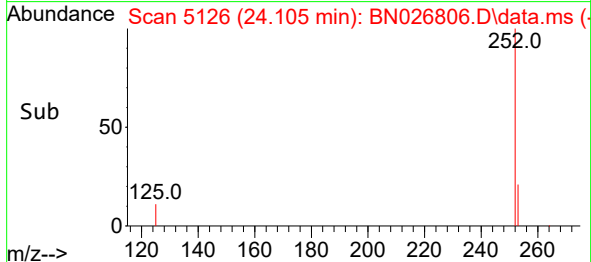
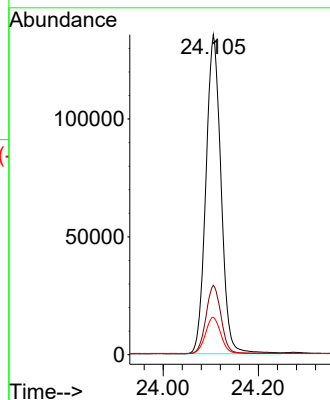
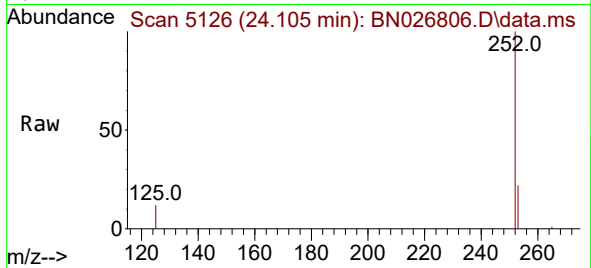




#26
Benzo(a)pyrene
Concen: 3.379 ng/ul
RT: 24.105 min Scan# 5128
Delta R.T. -0.006 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

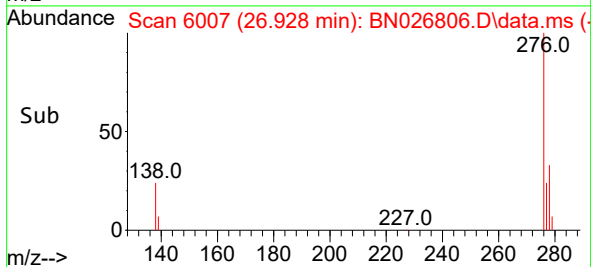
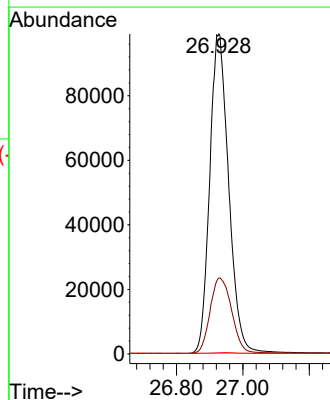
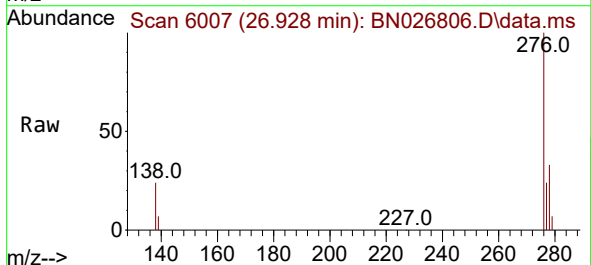
Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

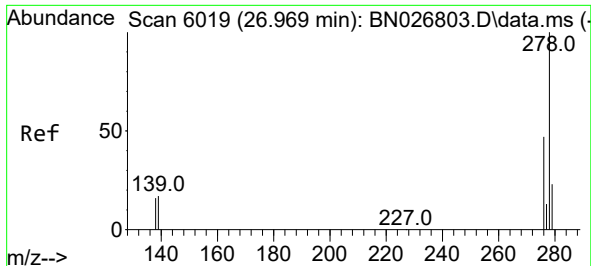
Tgt Ion:252 Resp: 298197
Ion Ratio Lower Upper
252 100
253 21.7 19.0 28.6
125 11.7 11.4 17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.402 ng/ul
RT: 26.928 min Scan# 6007
Delta R.T. -0.001 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

Tgt Ion:276 Resp: 392673
Ion Ratio Lower Upper
276 100
138 26.8 21.6 32.4
227 0.0 0.0 0.0

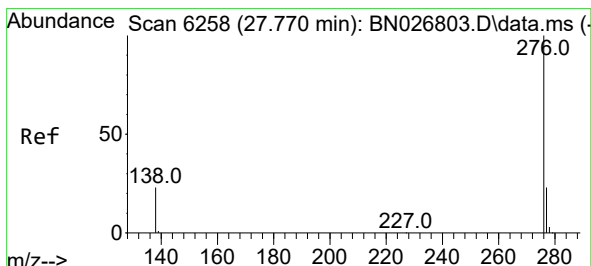
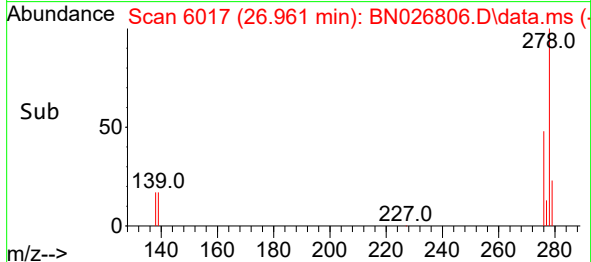
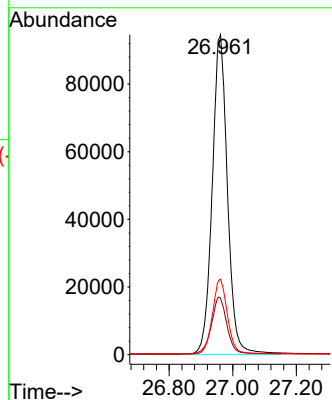
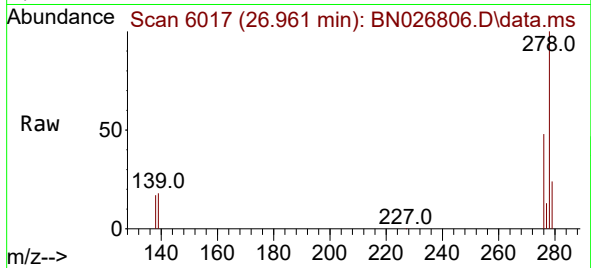




#28
Dibenzo(a,h)anthracene
Concen: 3.417 ng/ul
RT: 26.961 min Scan# 6017
Delta R.T. -0.007 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:278 Resp: 314397
Ion Ratio Lower Upper
278 100
139 17.6 15.7 23.5
279 23.6 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 3.383 ng/ul
RT: 27.773 min Scan# 6259
Delta R.T. 0.003 min
Lab File: BN026806.D
Acq: 03 Aug 2023 15:14

Tgt Ion:276 Resp: 325188
Ion Ratio Lower Upper
276 100
138 22.9 19.3 28.9
277 23.4 19.8 29.8

