

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024648.D
 Acq On : 30 Mar 2023 18:23
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4253

Quant Time: Mar 31 02:12:45 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 02:10:21 2023
 Response via : Initial Calibration

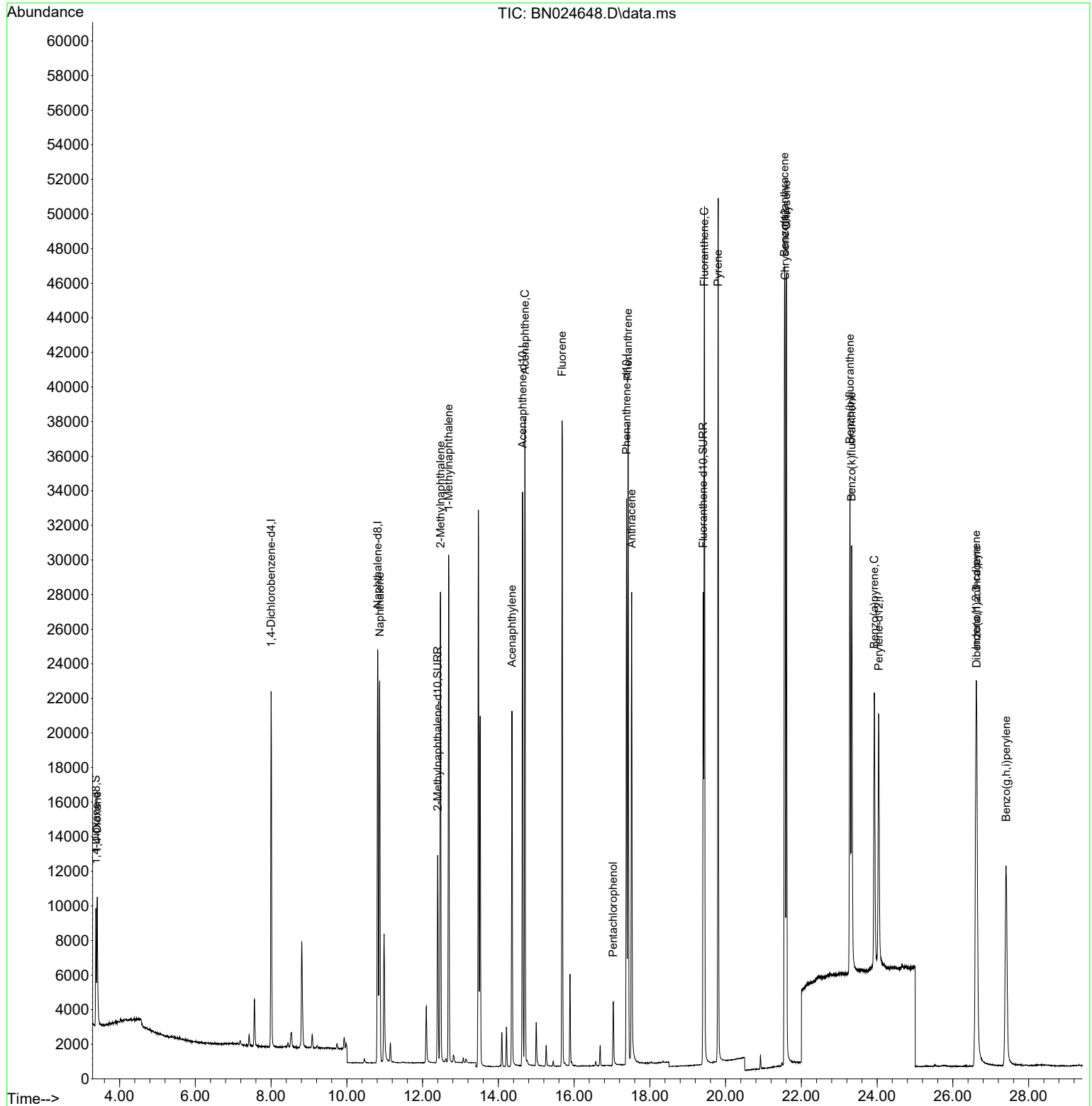
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	10659	0.400	ng/ul	0.00
4) Naphthalene-d8	10.817	136	31928	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	17777	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	37241	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	30224	0.400	ng/ul	0.00
23) Perylene-d12	24.041	264	22400	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	4369	0.399	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	15479	0.393	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	29647	0.401	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	4646	0.404	ng/ul	99
5) Naphthalene	10.867	128	30728	0.392	ng/ul	100
7) 2-Methylnaphthalene	12.473	142	19122	0.391	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	20011	0.392	ng/ul	100
10) Acenaphthylene	14.361	152	23609	0.376	ng/ul	100
11) Acenaphthene	14.703	153	21188	0.389	ng/ul	99
12) Fluorene	15.684	166	23831	0.383	ng/ul	99
14) Pentachlorophenol	17.033	266	2738	0.340	ng/ul	99
15) Phenanthrene	17.426	178	39497	0.387	ng/ul	100
16) Anthracene	17.519	178	32161	0.377	ng/ul	100
19) Fluoranthene	19.441	202	41933	0.394	ng/ul	99
20) Pyrene	19.803	202	41996	0.387	ng/ul	99
21) Benzo(a)anthracene	21.554	228	34418	0.379	ng/ul	99
22) Chrysene	21.606	228	39173	0.392	ng/ul	100
24) Benzo(b)fluoranthene	23.281	252	36471	0.392	ng/ul	99
25) Benzo(k)fluoranthene	23.328	252	34604	0.386	ng/ul	99
26) Benzo(a)pyrene	23.927	252	27764	0.379	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.613	276	32262	0.370	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.629	278	25733	0.369	ng/ul	99
29) Benzo(g,h,i)perylene	27.404	276	27856	0.371	ng/ul	99

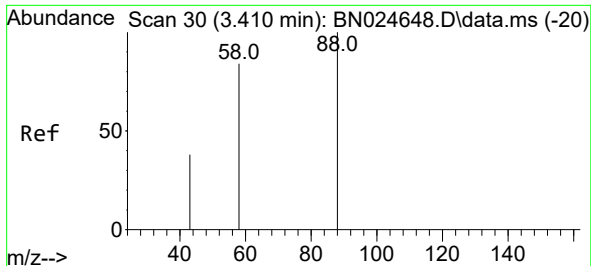
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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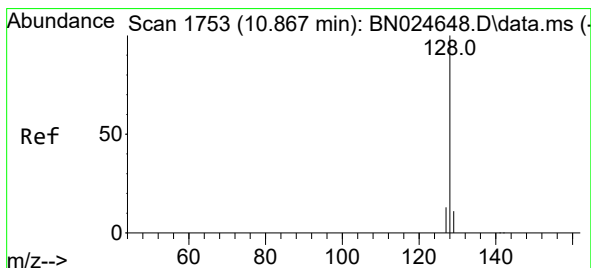
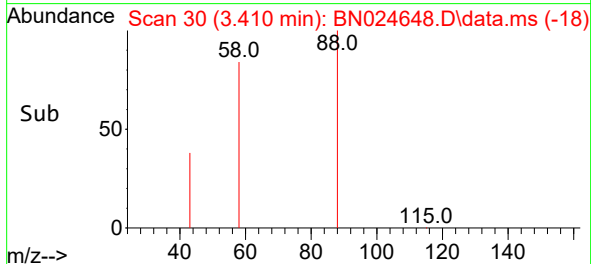
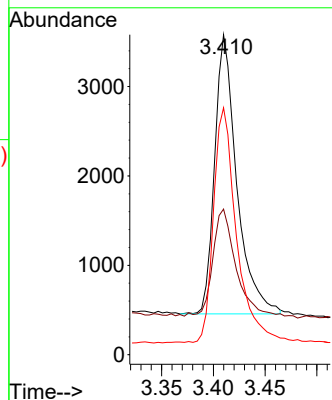
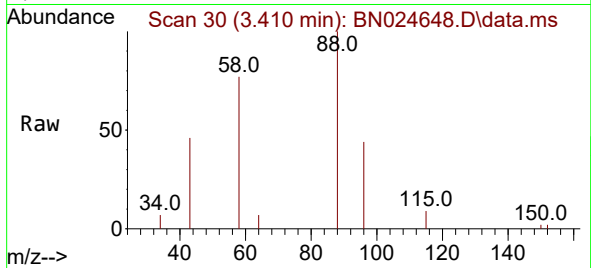




#2
 1,4-Dioxane
 Concen: 0.404 ng/ul
 RT: 3.410 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN024648.D
 Acq: 30 Mar 2023 18:23

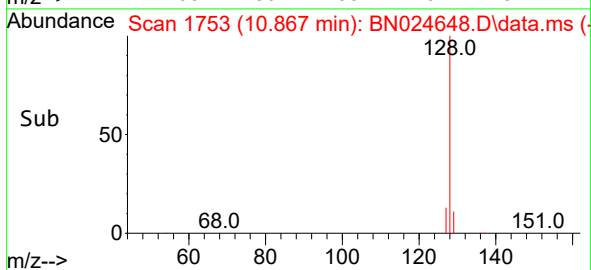
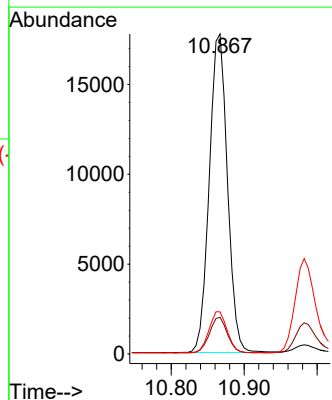
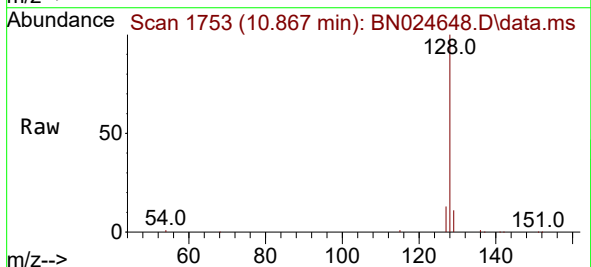
Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4253

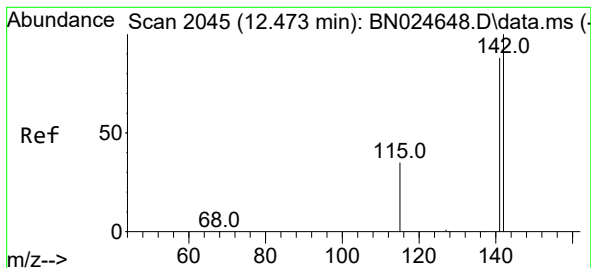
Tgt Ion: 88 Resp: 4646
 Ion Ratio Lower Upper
 88 100
 43 45.5 37.2 55.8
 58 77.2 61.5 92.3



#5
 Naphthalene
 Concen: 0.392 ng/ul
 RT: 10.867 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: BN024648.D
 Acq: 30 Mar 2023 18:23

Tgt Ion:128 Resp: 30728
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.0 13.6
 127 13.1 10.5 15.7

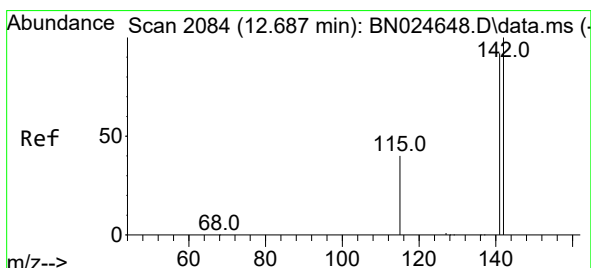
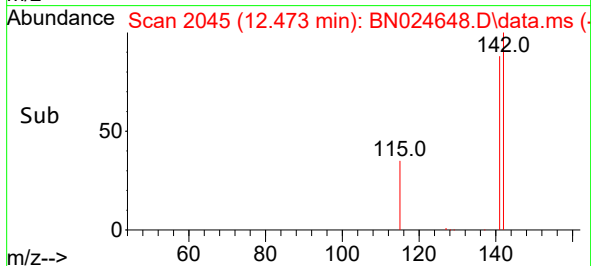
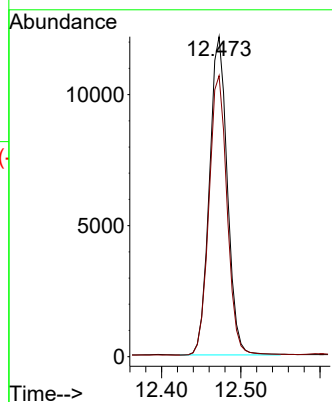
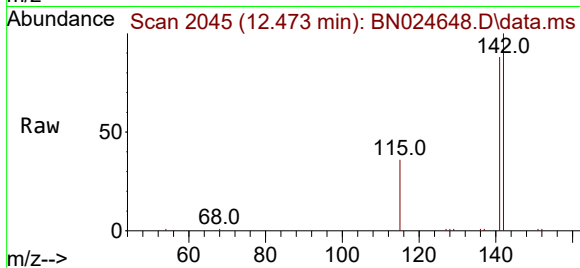




#7
2-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.473 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BN024648.D
Acq: 30 Mar 2023 18:23

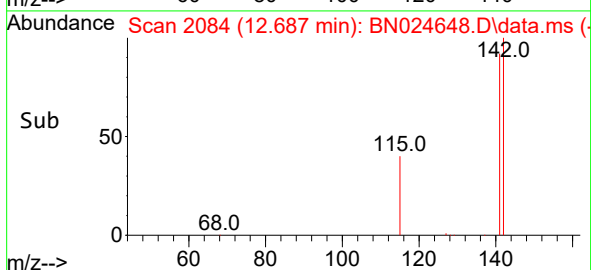
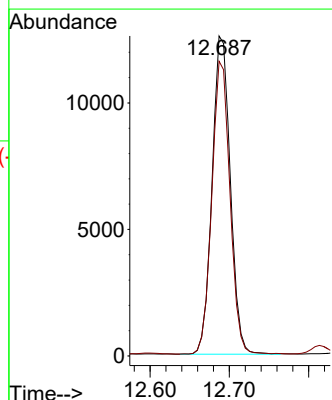
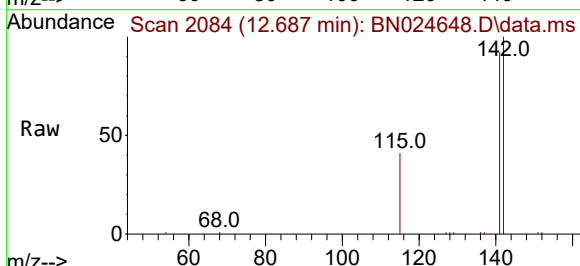
Instrument :
BNA_N
ClientSampleId :
SSTD0.4253

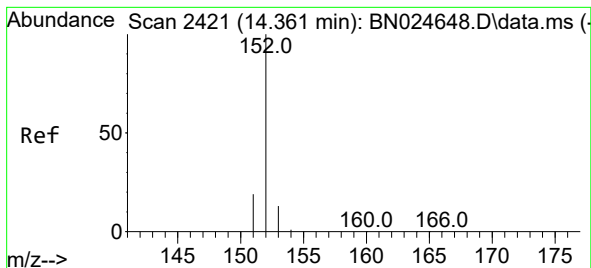
Tgt Ion:142 Resp: 19122
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BN024648.D
Acq: 30 Mar 2023 18:23

Tgt Ion:142 Resp: 20011
Ion Ratio Lower Upper
142 100
141 91.7 73.5 110.3





#10

Acenaphthylene

Concen: 0.376 ng/ul

RT: 14.361 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BN024648.D

Acq: 30 Mar 2023 18:23

Instrument :

BNA_N

ClientSampleId :

SSTD0.4253

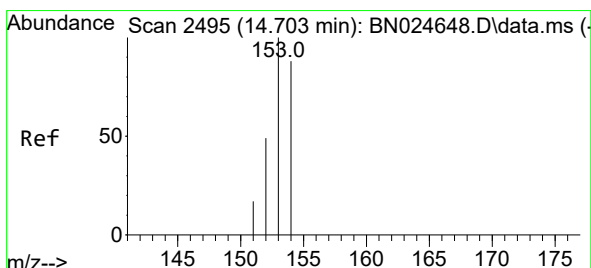
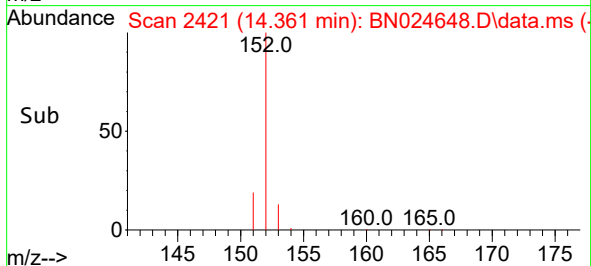
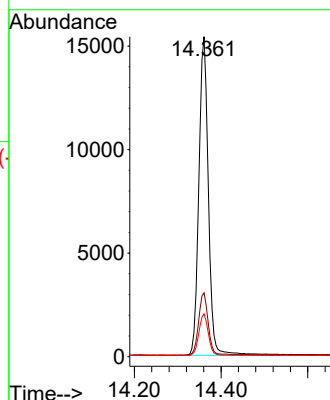
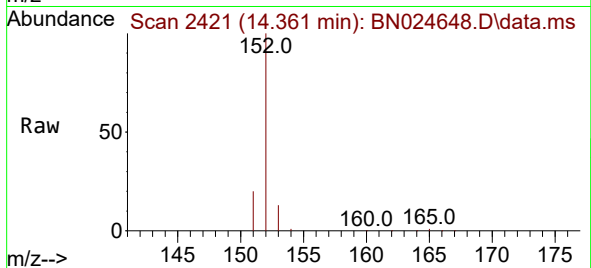
Tgt Ion:152 Resp: 23609

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 13.4 10.6 16.0



#11

Acenaphthene

Concen: 0.389 ng/ul

RT: 14.703 min Scan# 2495

Delta R.T. 0.000 min

Lab File: BN024648.D

Acq: 30 Mar 2023 18:23

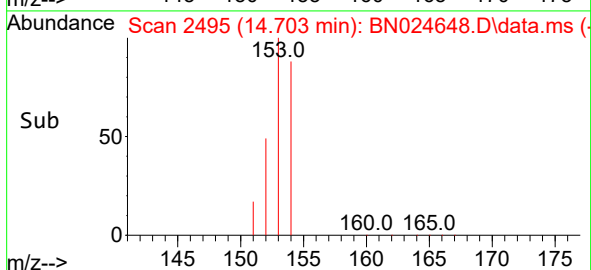
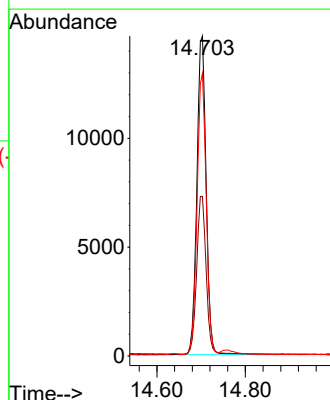
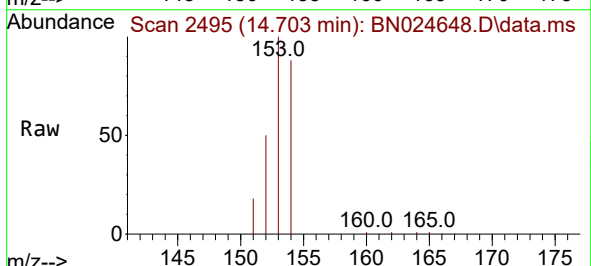
Tgt Ion:153 Resp: 21188

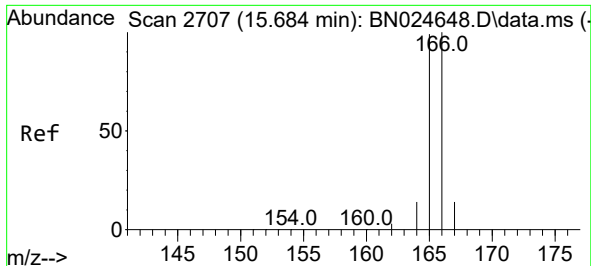
Ion Ratio Lower Upper

153 100

152 49.9 40.3 60.5

154 88.3 71.0 106.4

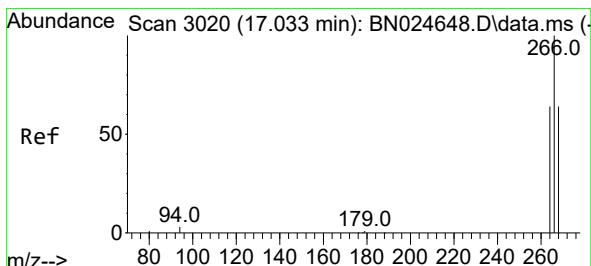
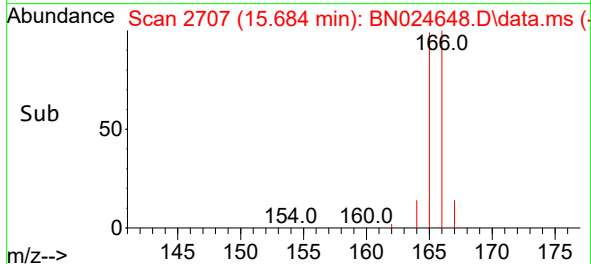
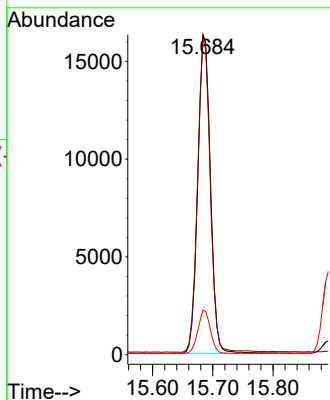
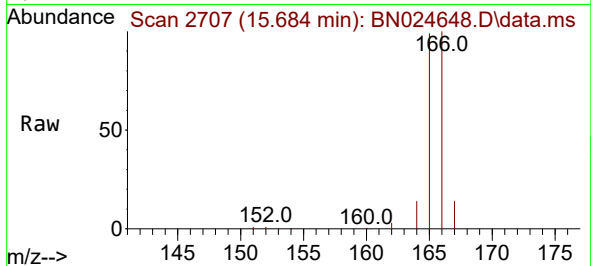




#12
Fluorene
Concen: 0.383 ng/ul
RT: 15.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024648.D
Acq: 30 Mar 2023 18:23

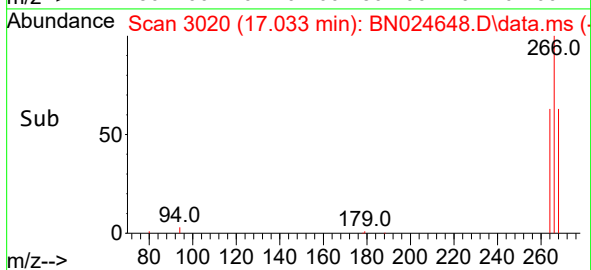
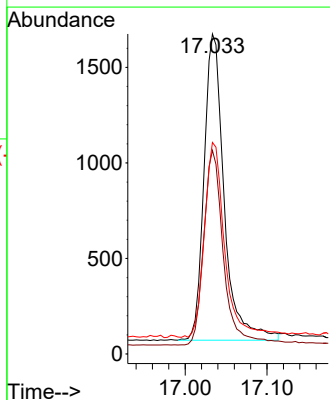
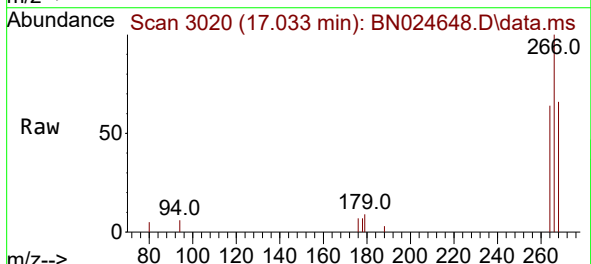
Instrument :
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ClientSampleId :
SSTD0.4253

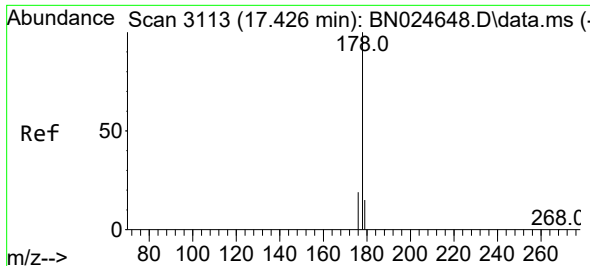
Tgt Ion:166 Resp: 23831
Ion Ratio Lower Upper
166 100
165 99.3 80.0 120.0
167 13.9 10.8 16.2



#14
Pentachlorophenol
Concen: 0.340 ng/ul
RT: 17.033 min Scan# 3020
Delta R.T. 0.000 min
Lab File: BN024648.D
Acq: 30 Mar 2023 18:23

Tgt Ion:266 Resp: 2738
Ion Ratio Lower Upper
266 100
264 62.5 49.6 74.4
268 64.6 52.6 78.8

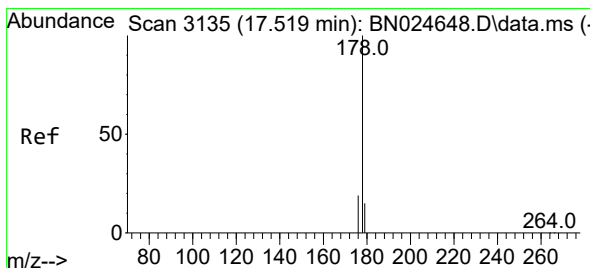
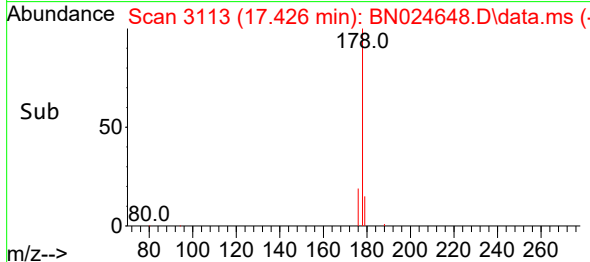
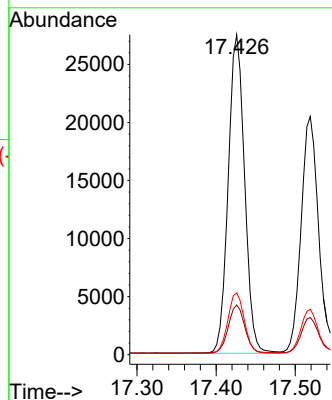
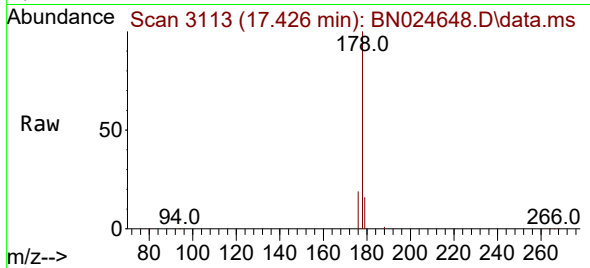




#15
Phenanthrene
Concen: 0.387 ng/ul
RT: 17.426 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BN024648.D
Acq: 30 Mar 2023 18:23

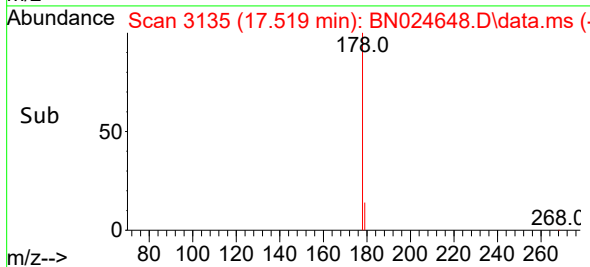
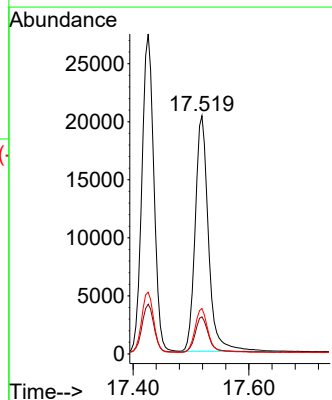
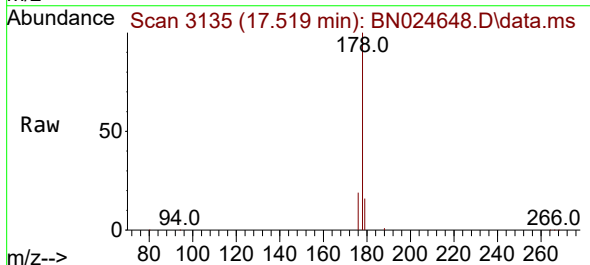
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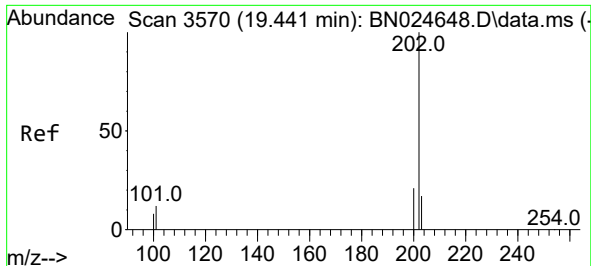
Tgt Ion:178 Resp: 39497
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.3 15.5 23.3



#16
Anthracene
Concen: 0.377 ng/ul
RT: 17.519 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BN024648.D
Acq: 30 Mar 2023 18:23

Tgt Ion:178 Resp: 32161
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.1 15.2 22.8

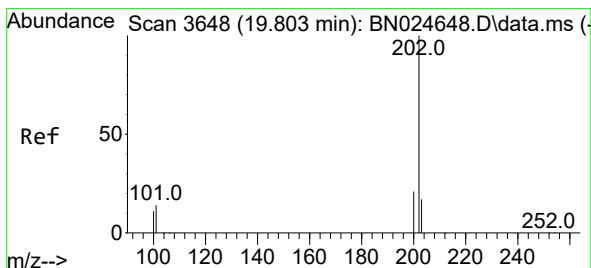
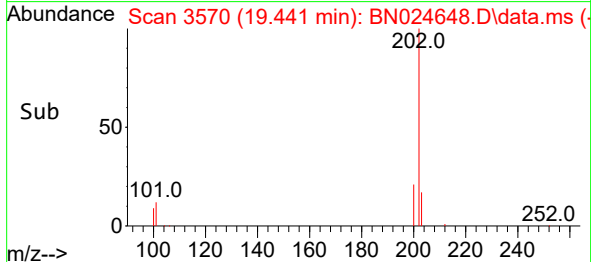
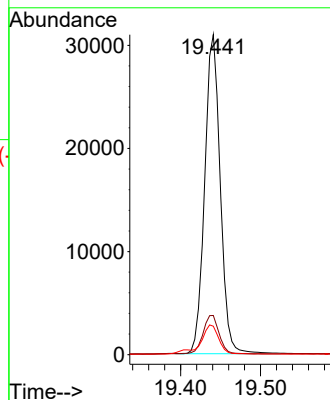
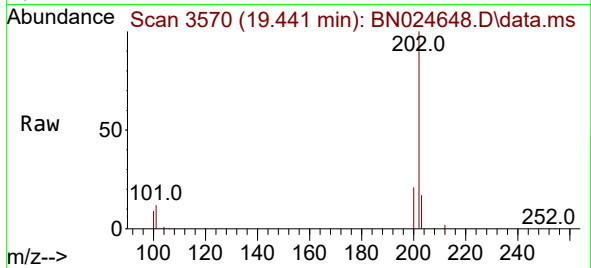




#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.441 min Scan# 3570
Delta R.T. 0.000 min
Lab File: BN024648.D
Acq: 30 Mar 2023 18:23

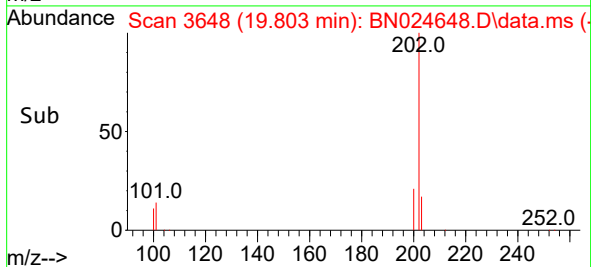
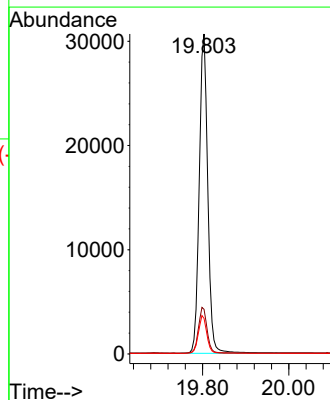
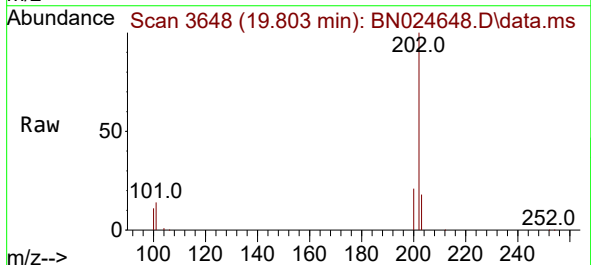
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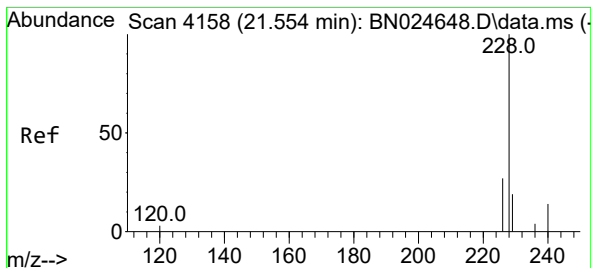
Tgt Ion:202 Resp: 41933
Ion Ratio Lower Upper
202 100
101 12.3 9.6 14.4
100 8.9 7.0 10.6



#20
Pyrene
Concen: 0.387 ng/ul
RT: 19.803 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN024648.D
Acq: 30 Mar 2023 18:23

Tgt Ion:202 Resp: 41996
Ion Ratio Lower Upper
202 100
101 14.0 10.9 16.3
100 11.1 8.7 13.1





#21

Benzo(a)anthracene

Concen: 0.379 ng/ul

RT: 21.554 min Scan# 4158

Delta R.T. 0.000 min

Lab File: BN024648.D

Acq: 30 Mar 2023 18:23

Instrument :

BNA_N

ClientSampleId :

SSTD0.4253

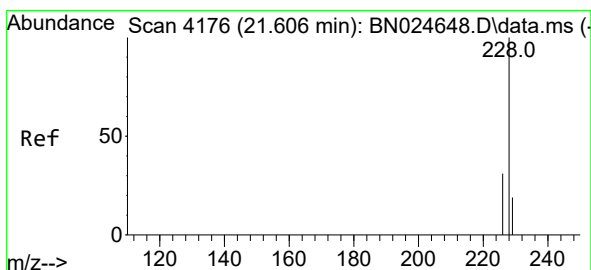
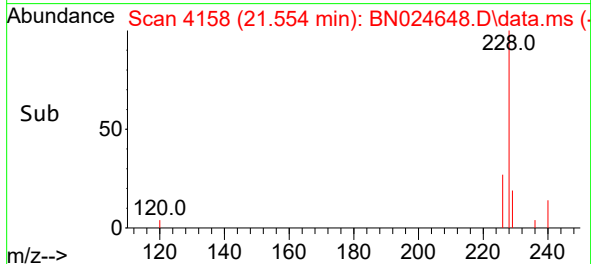
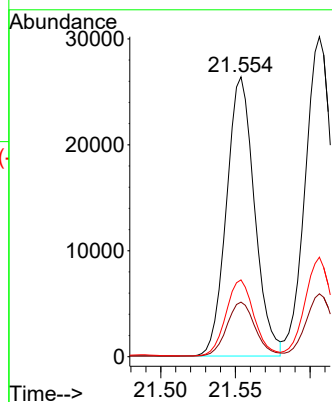
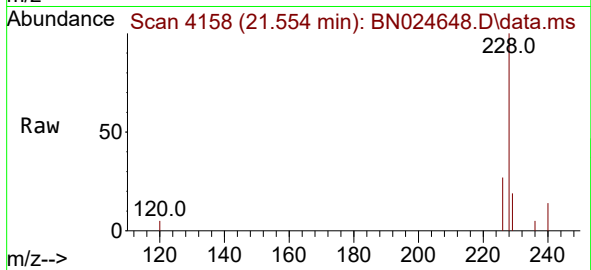
Tgt Ion:228 Resp: 34418

Ion Ratio Lower Upper

228 100

229 19.5 15.6 23.4

226 27.4 22.5 33.7



#22

Chrysene

Concen: 0.392 ng/ul

RT: 21.606 min Scan# 4176

Delta R.T. 0.000 min

Lab File: BN024648.D

Acq: 30 Mar 2023 18:23

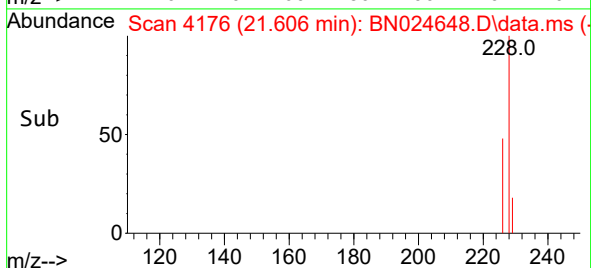
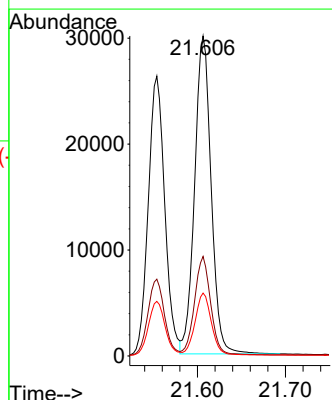
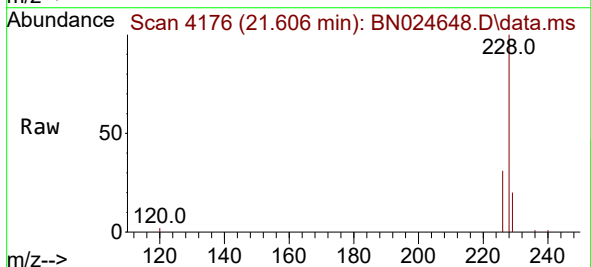
Tgt Ion:228 Resp: 39173

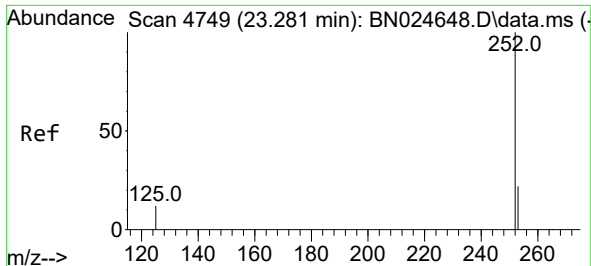
Ion Ratio Lower Upper

228 100

226 31.1 24.6 37.0

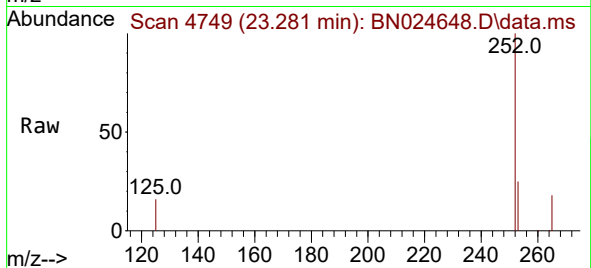
229 19.6 15.6 23.4



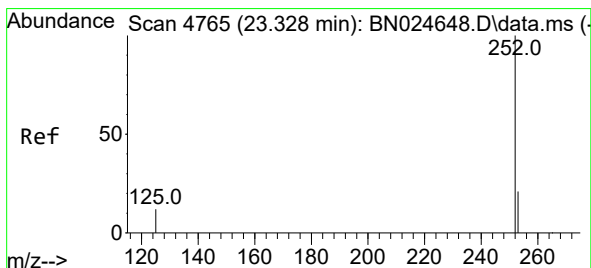
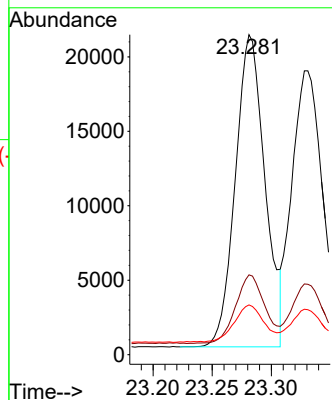
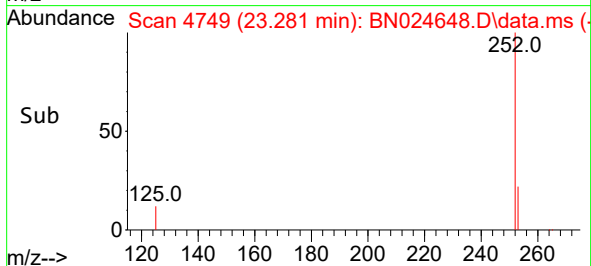


#24
Benzo(b)fluoranthene
Concen: 0.392 ng/ul
RT: 23.281 min Scan# 4749
Delta R.T. 0.000 min
Lab File: BN024648.D
Acq: 30 Mar 2023 18:23

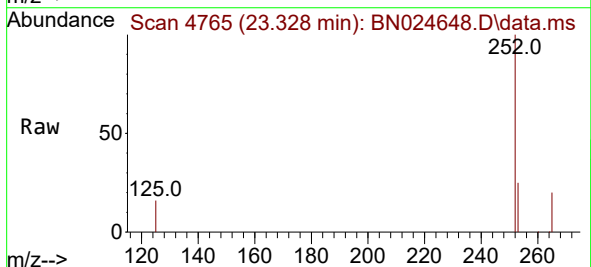
Instrument :
BNA_N
ClientSampleId :
SSTD0.4253



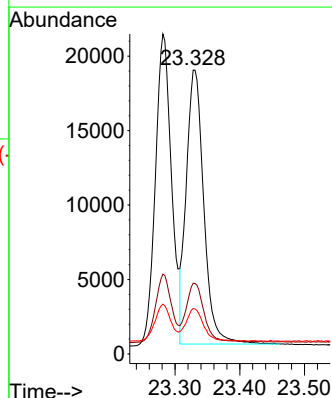
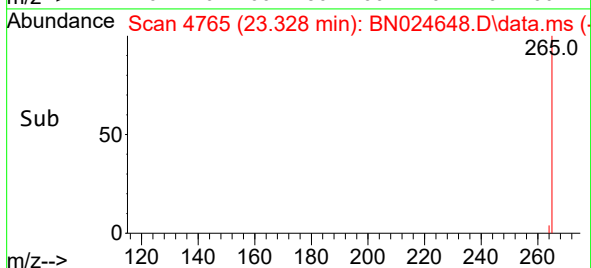
Tgt Ion:252 Resp: 36471
Ion Ratio Lower Upper
252 100
253 24.9 0.0 49.6
125 15.6 0.0 32.4

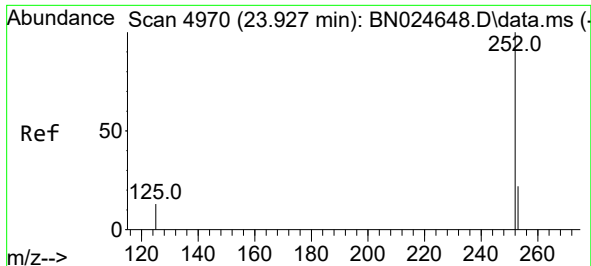


#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 23.328 min Scan# 4765
Delta R.T. 0.000 min
Lab File: BN024648.D
Acq: 30 Mar 2023 18:23



Tgt Ion:252 Resp: 34604
Ion Ratio Lower Upper
252 100
253 24.9 20.2 30.2
125 16.0 13.1 19.7

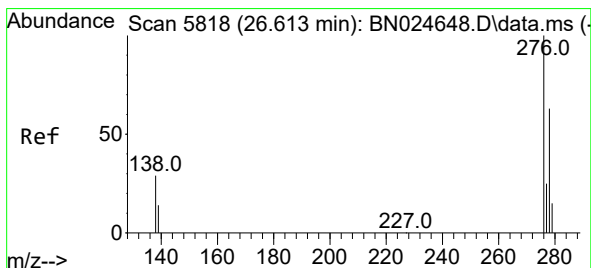
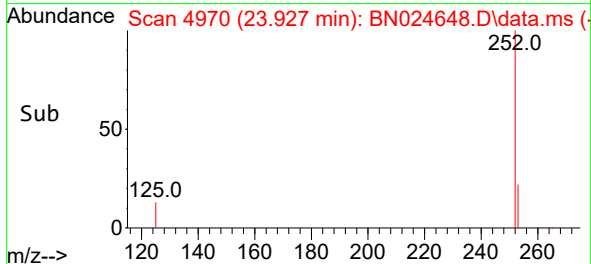
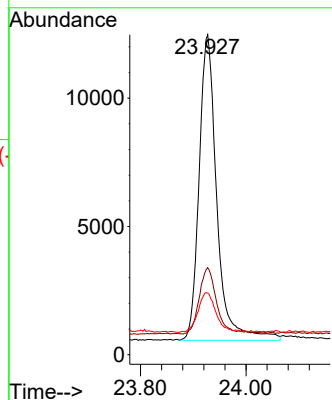
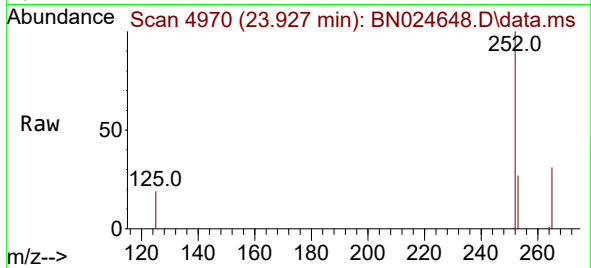




#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.927 min Scan# 4970
Delta R.T. 0.000 min
Lab File: BN024648.D
Acq: 30 Mar 2023 18:23

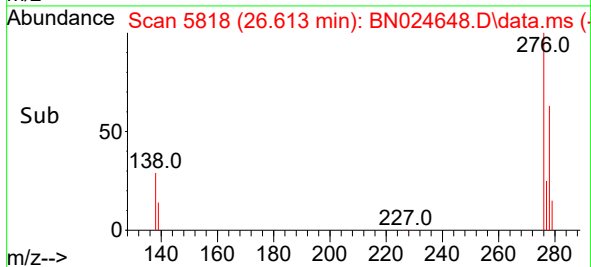
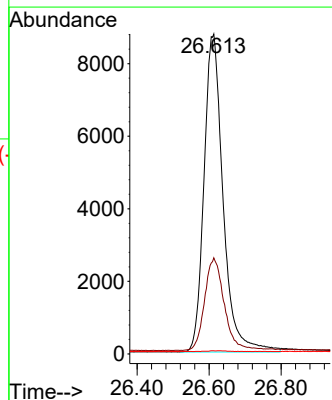
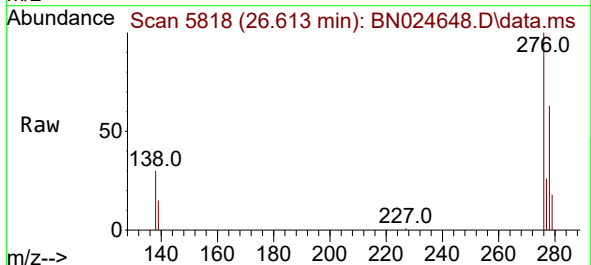
Instrument :
BNA_N
ClientSampleId :
SSTD0.4253

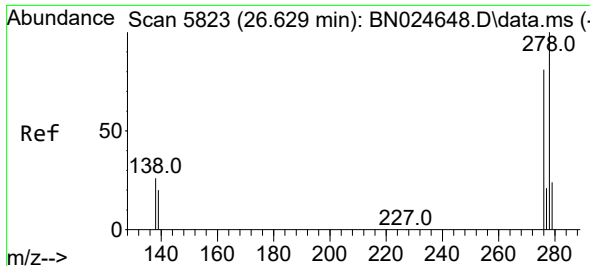
Tgt Ion:252 Resp: 27764
Ion Ratio Lower Upper
252 100
253 27.2 21.8 32.8
125 19.3 15.4 23.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 26.613 min Scan# 5818
Delta R.T. 0.000 min
Lab File: BN024648.D
Acq: 30 Mar 2023 18:23

Tgt Ion:276 Resp: 32262
Ion Ratio Lower Upper
276 100
138 30.1 24.6 36.8
227 0.2 0.1 0.1#

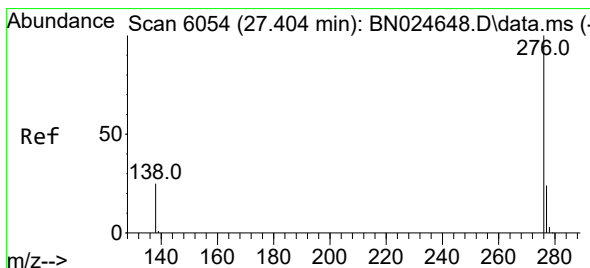
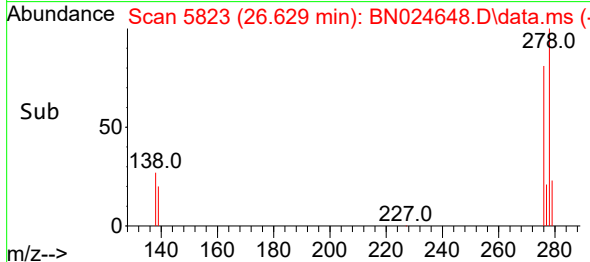
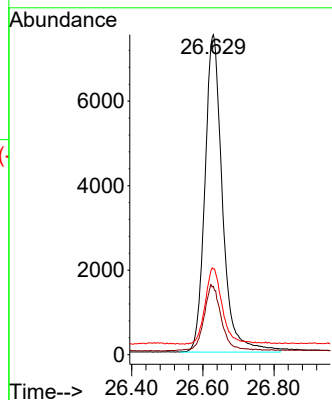
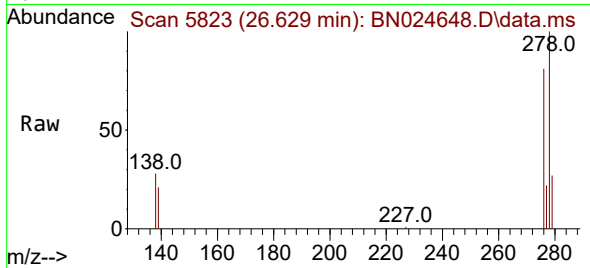




#28
Dibenzo(a,h)anthracene
Concen: 0.369 ng/ul
RT: 26.629 min Scan# 5823
Delta R.T. 0.000 min
Lab File: BN024648.D
Acq: 30 Mar 2023 18:23

Instrument :
BNA_N
ClientSampleId :
SSTD0.4253

Tgt Ion:278 Resp: 25733
Ion Ratio Lower Upper
278 100
139 21.4 16.5 24.7
279 26.8 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 27.404 min Scan# 6054
Delta R.T. 0.000 min
Lab File: BN024648.D
Acq: 30 Mar 2023 18:23

Tgt Ion:276 Resp: 27856
Ion Ratio Lower Upper
276 100
138 26.2 21.4 32.2
277 24.5 19.8 29.6

