

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024678.D
 Acq On : 31 Mar 2023 14:27
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4255

Quant Time: Apr 01 01:01:41 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 : Sat Apr 01 01:00:20 2023
 Response via : Initial Calibration

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

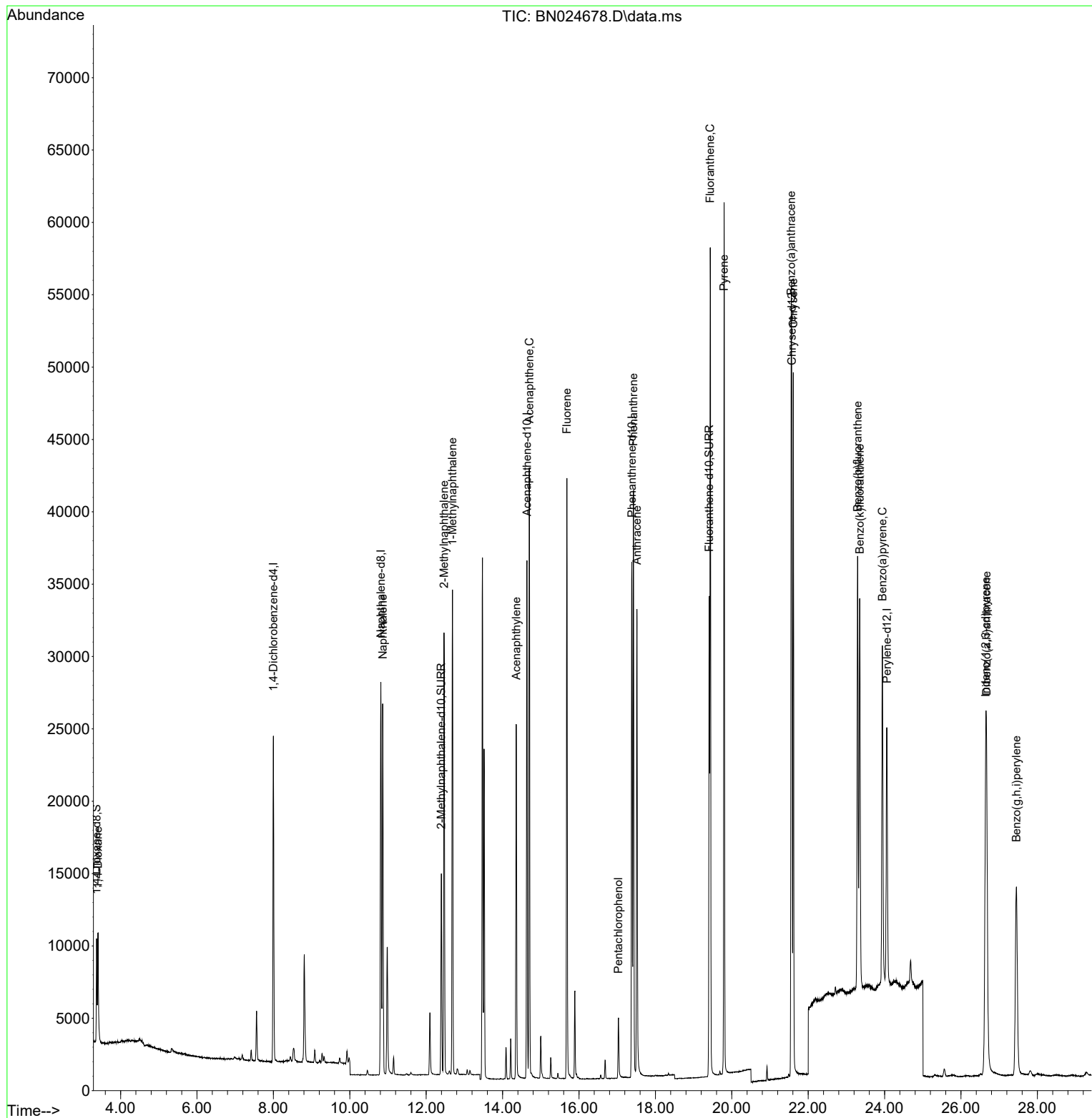
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	11634	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	35348	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	19899	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.383	188	41732	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	34596	0.400	ng/ul	0.00
23) Perylene-d12	24.058	264	27953	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	4491	0.376	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	17341	0.398	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	34497	0.407	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	4783	0.381	ng/ul	98
5) Naphthalene	10.861	128	34189	0.394	ng/ul	100
7) 2-Methylnaphthalene	12.467	142	21420	0.396	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	22451	0.397	ng/ul	100
10) Acenaphthylene	14.356	152	27995	0.398	ng/ul	100
11) Acenaphthene	14.698	153	23816	0.390	ng/ul	99
12) Fluorene	15.684	166	26685	0.383	ng/ul	99
14) Pentachlorophenol	17.033	266	3116	0.345	ng/ul	98
15) Phenanthrene	17.426	178	44077	0.385	ng/ul	100
16) Anthracene	17.514	178	37466	0.392	ng/ul	100
19) Fluoranthene	19.436	202	48417	0.397	ng/ul	98
20) Pyrene	19.798	202	49064	0.395	ng/ul	98
21) Benzo(a)anthracene	21.553	228	41843	0.403	ng/ul	100
22) Chrysene	21.609	228	44045	0.385	ng/ul	100
24) Benzo(b)fluoranthene	23.293	252	43440	0.374	ng/ul	99
25) Benzo(k)fluoranthene	23.348	252	40735	0.365	ng/ul	99
26) Benzo(a)pyrene	23.942	252	35937	0.393	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.646	276	40120	0.369	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.669	278	31381	0.361	ng/ul	99
29) Benzo(g,h,i)perylene	27.451	276	32844	0.351	ng/ul	99

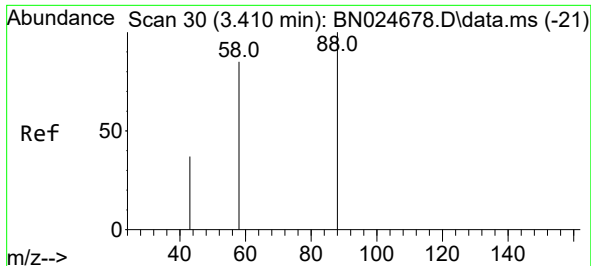
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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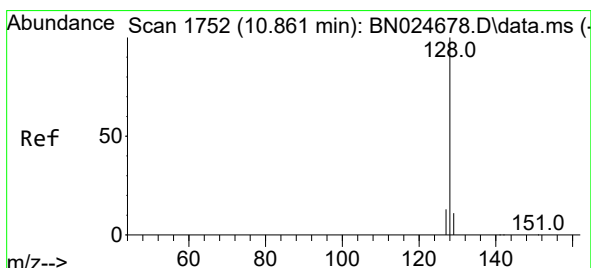
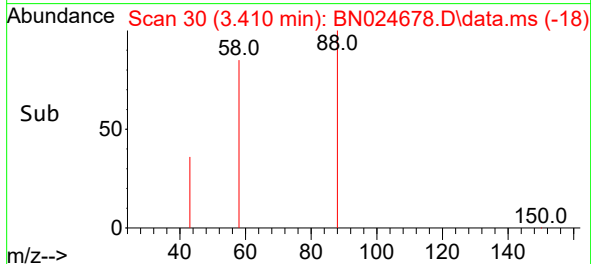
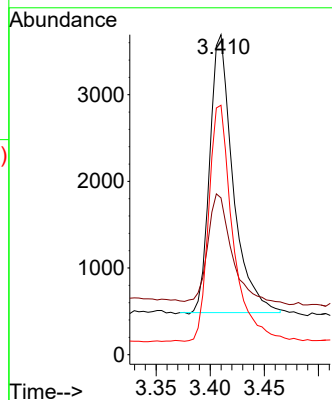
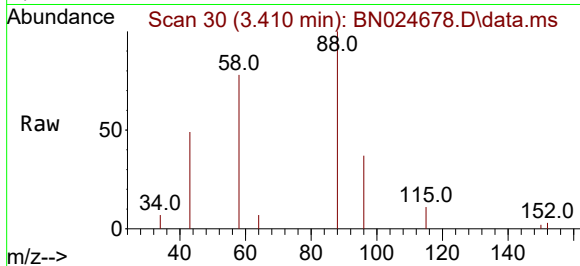


#2
 1,4-Dioxane
 Concen: 0.381 ng/ul
 RT: 3.410 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN024678.D
 Acq: 31 Mar 2023 14:27

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4255

Tgt Ion: 88 Resp: 4783

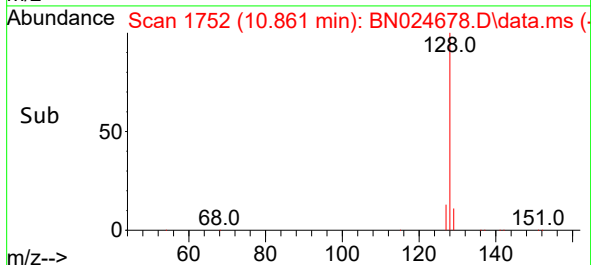
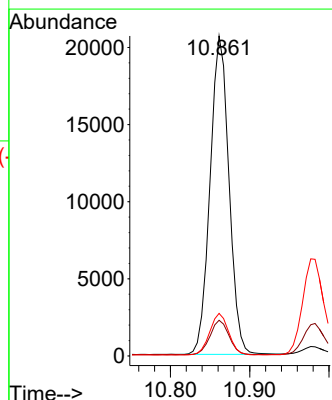
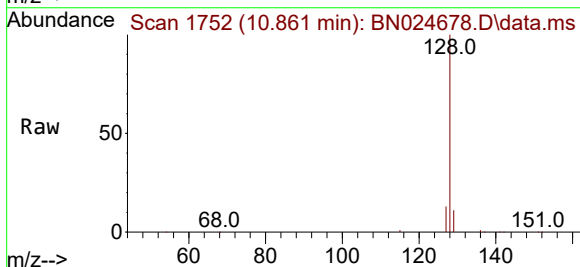
Ion	Ratio	Lower	Upper
88	100		
43	49.0	37.2	55.8
58	77.9	61.5	92.3

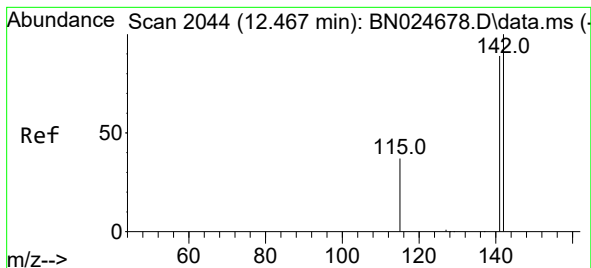


#5
 Naphthalene
 Concen: 0.394 ng/ul
 RT: 10.861 min Scan# 1752
 Delta R.T. 0.000 min
 Lab File: BN024678.D
 Acq: 31 Mar 2023 14:27

Tgt Ion: 128 Resp: 34189

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.3	10.5	15.7

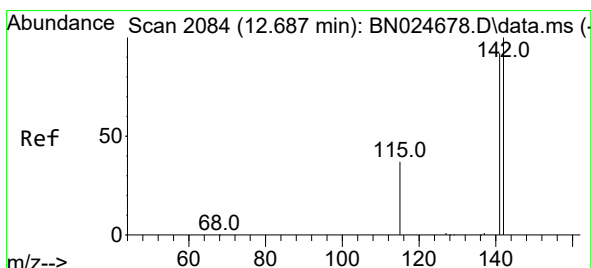
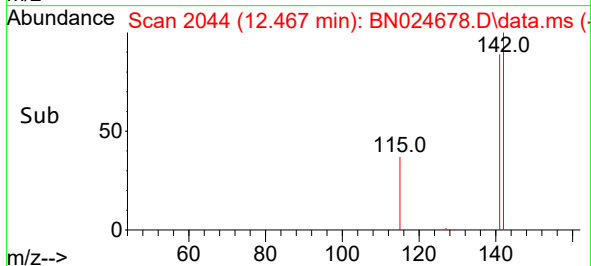
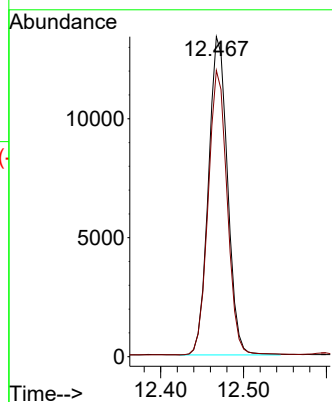
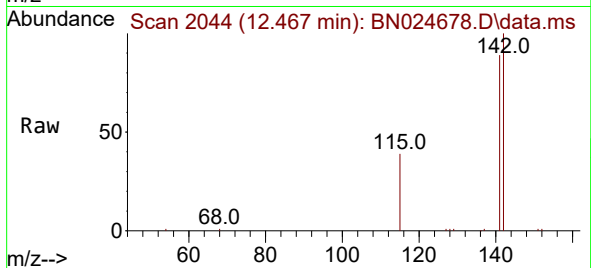




#7
2-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.467 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

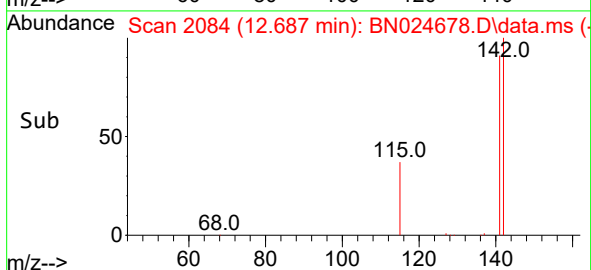
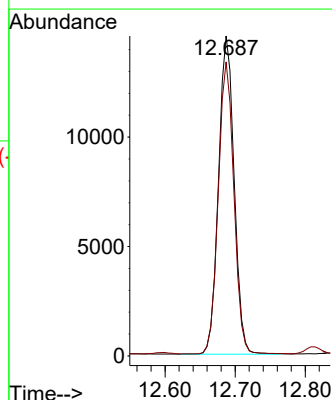
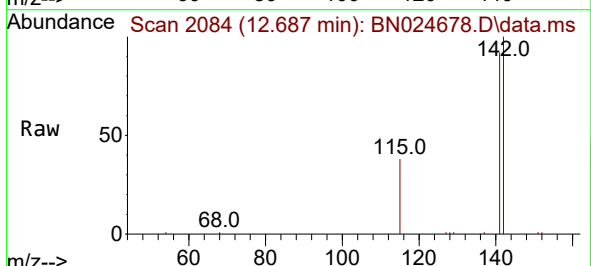
Instrument :
BNA_N
ClientSampleId :
SSTD0.4255

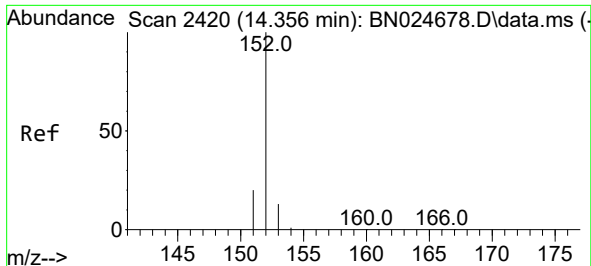
Tgt Ion:142 Resp: 21420
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

Tgt Ion:142 Resp: 22451
Ion Ratio Lower Upper
142 100
141 91.6 73.5 110.3

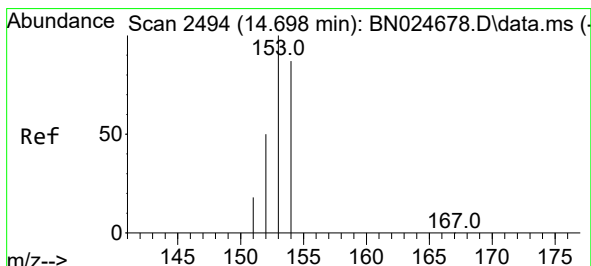
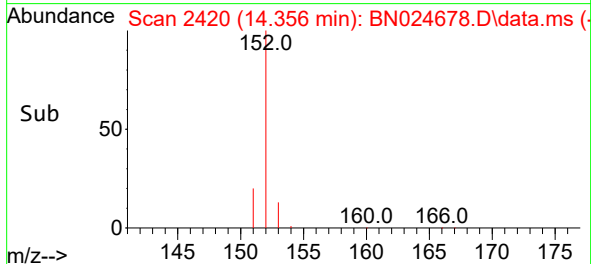
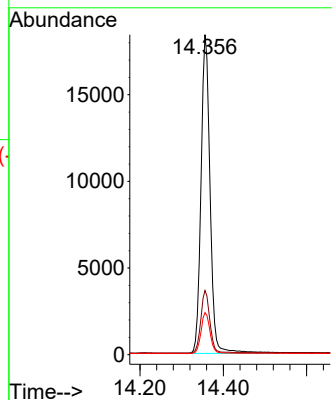
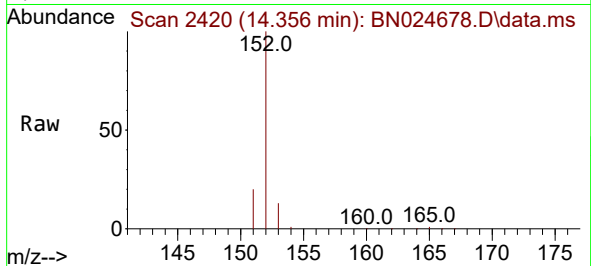




#10
Acenaphthylene
Concen: 0.398 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

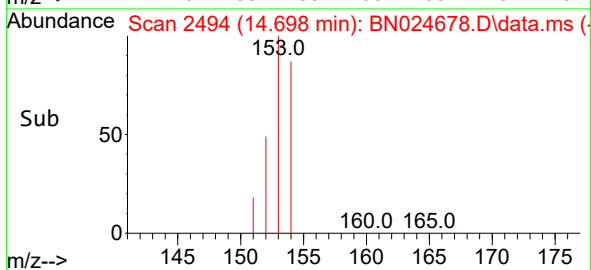
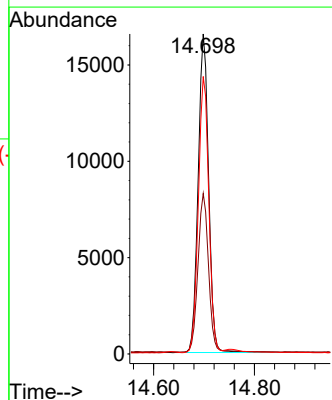
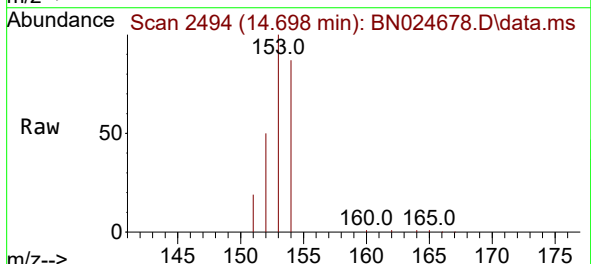
Instrument :
BNA_N
ClientSampleId :
SSTD0.4255

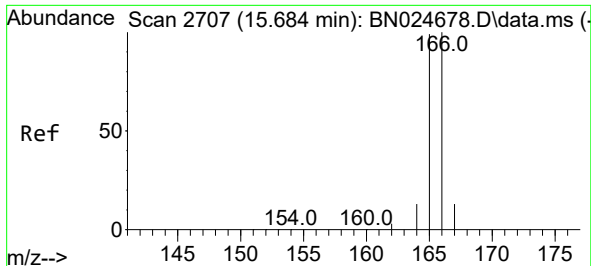
Tgt Ion:152 Resp: 27995
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.1 10.6 16.0



#11
Acenaphthene
Concen: 0.390 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

Tgt Ion:153 Resp: 23816
Ion Ratio Lower Upper
153 100
152 50.1 40.3 60.5
154 86.7 71.0 106.4

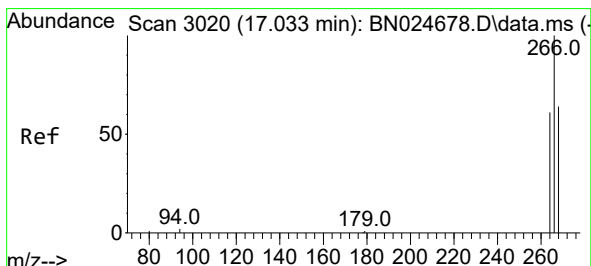
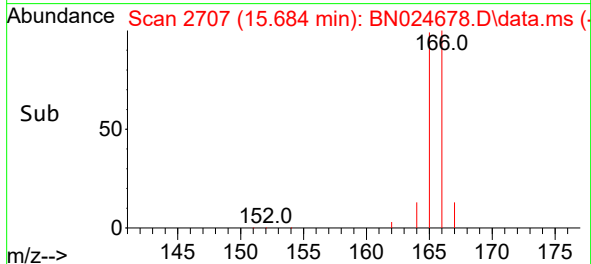
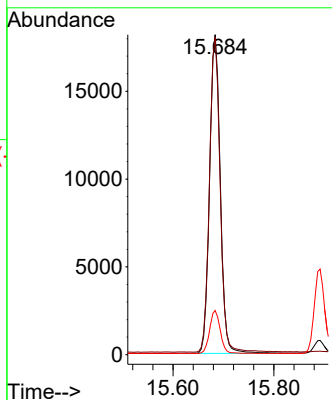
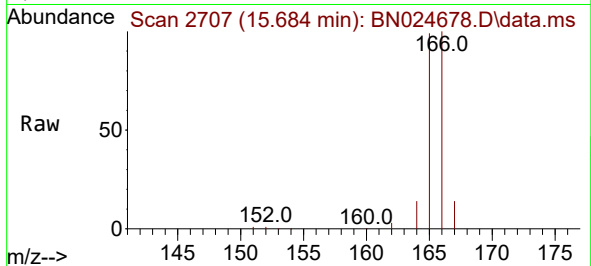




#12
Fluorene
Concen: 0.383 ng/ul
RT: 15.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

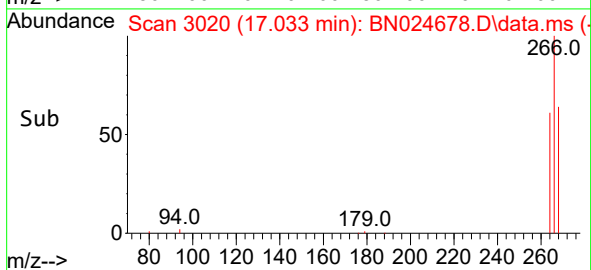
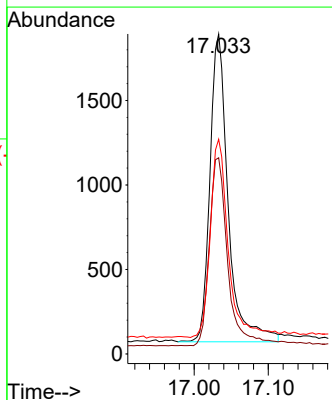
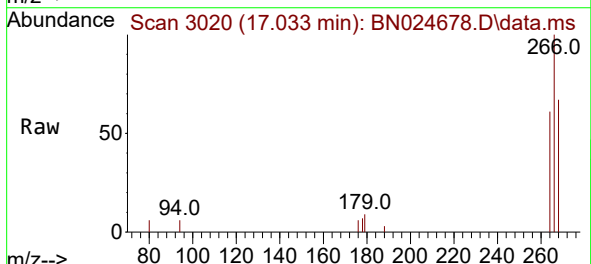
Instrument :
BNA_N
ClientSampleId :
SSTD0.4255

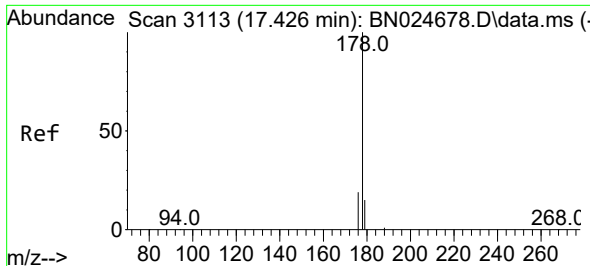
Tgt Ion:166 Resp: 26685
Ion Ratio Lower Upper
166 100
165 99.3 80.0 120.0
167 13.8 10.8 16.2



#14
Pentachlorophenol
Concen: 0.345 ng/ul
RT: 17.033 min Scan# 3020
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

Tgt Ion:266 Resp: 3116
Ion Ratio Lower Upper
266 100
264 61.5 49.6 74.4
268 63.9 52.6 78.8

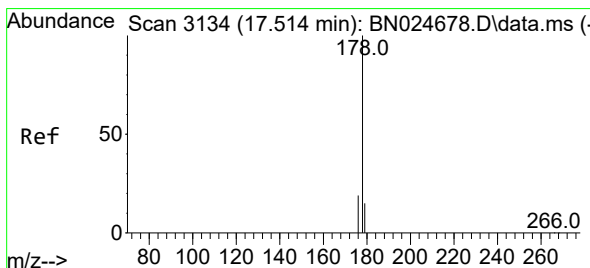
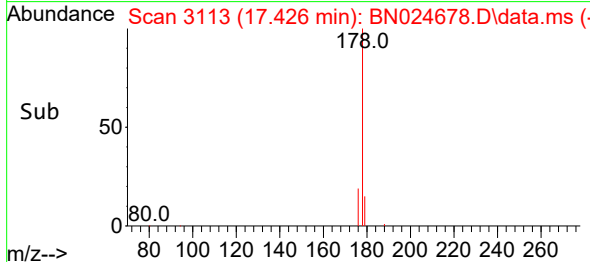
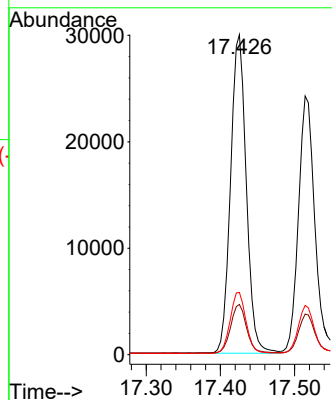
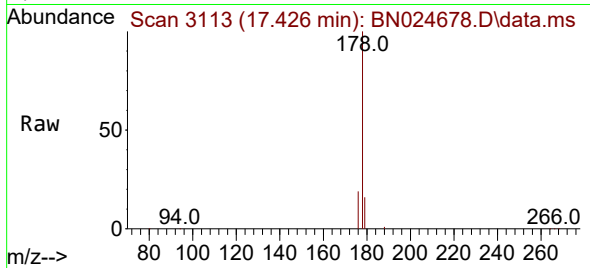




#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 17.426 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

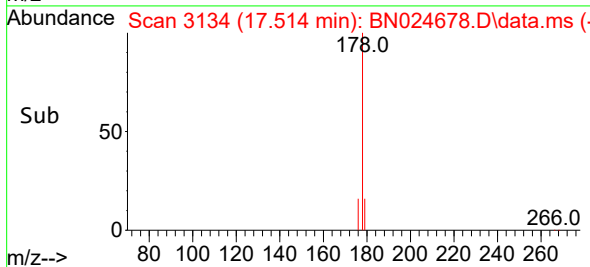
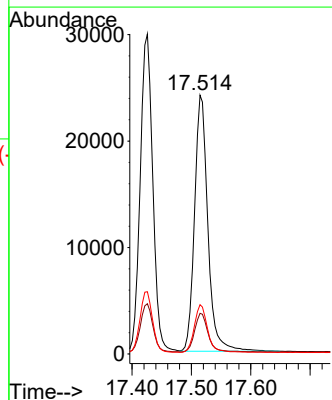
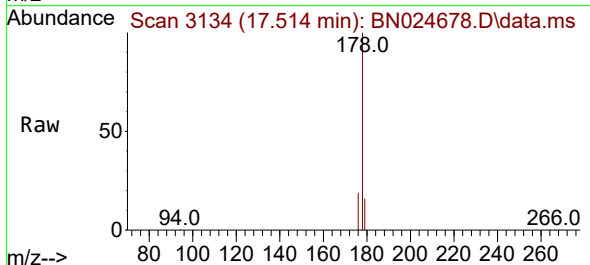
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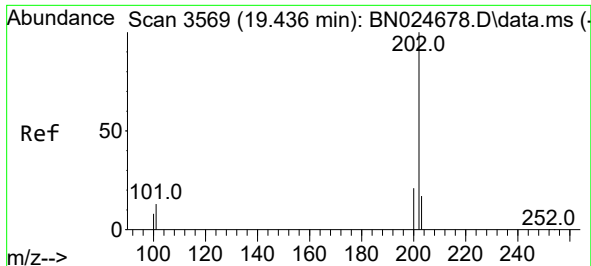
Tgt Ion:178 Resp: 44077
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.4 15.5 23.3



#16
Anthracene
Concen: 0.392 ng/ul
RT: 17.514 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

Tgt Ion:178 Resp: 37466
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.0 15.2 22.8

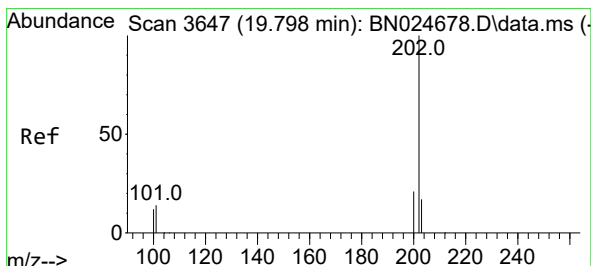
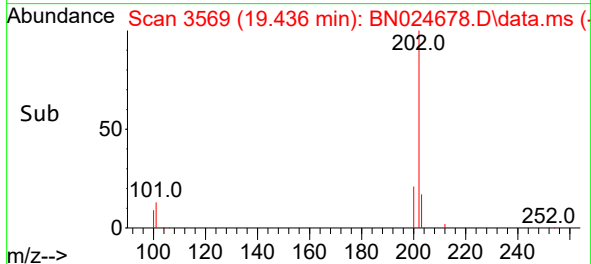
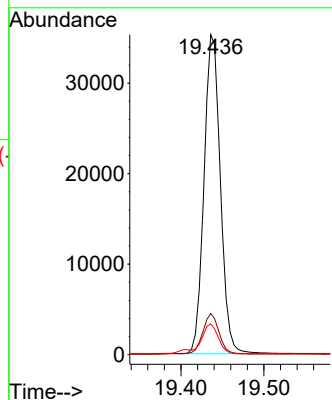
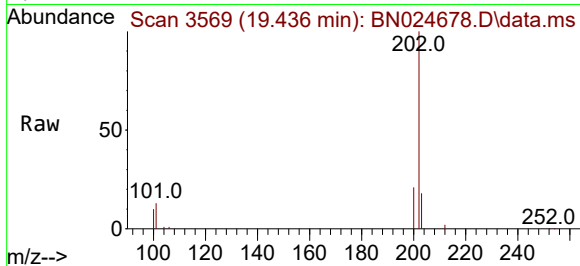




#19
Fluoranthene
Concen: 0.397 ng/ul
RT: 19.436 min Scan# 3569
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

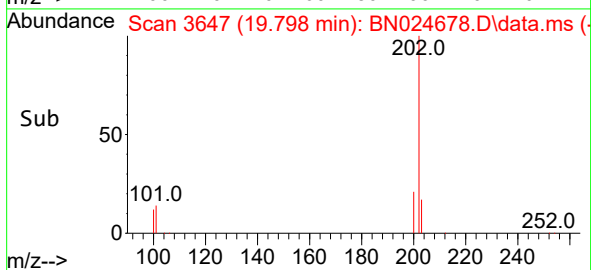
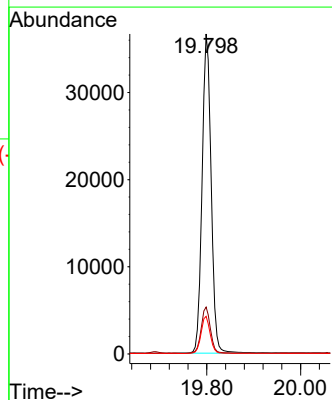
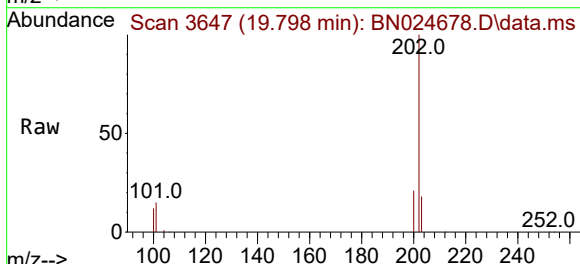
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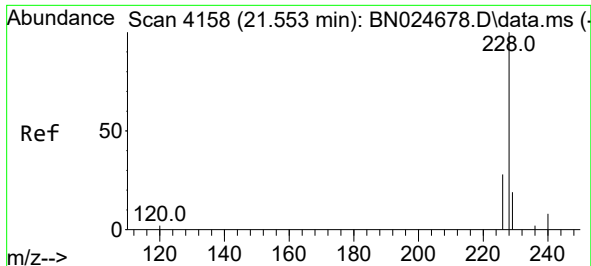
Tgt Ion:202 Resp: 48417
Ion Ratio Lower Upper
202 100
101 12.9 9.6 14.4
100 9.6 7.0 10.6



#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.798 min Scan# 3647
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

Tgt Ion:202 Resp: 49064
Ion Ratio Lower Upper
202 100
101 14.6 10.9 16.3
100 11.7 8.7 13.1

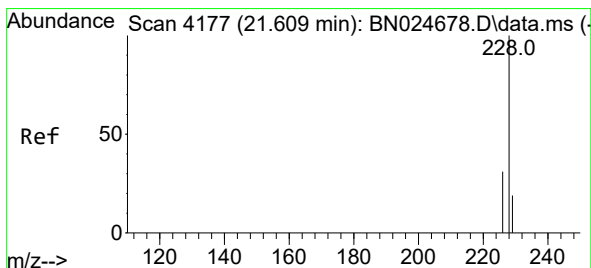
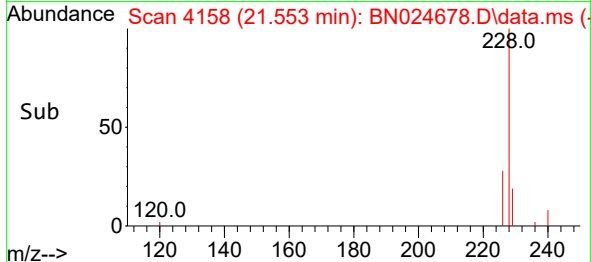
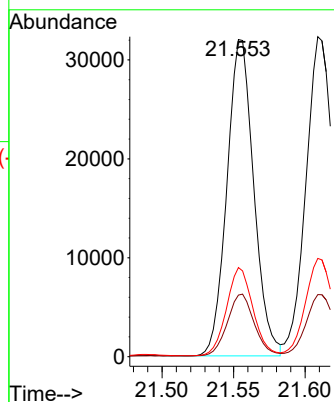
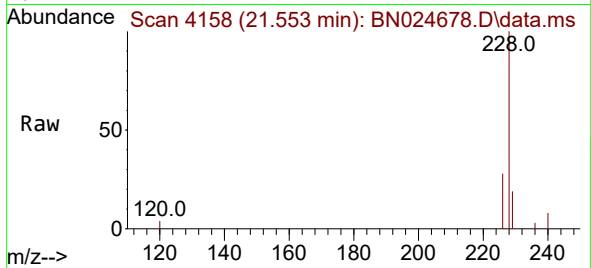




#21
Benzo(a)anthracene
Concen: 0.403 ng/ul
RT: 21.553 min Scan# 4158
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

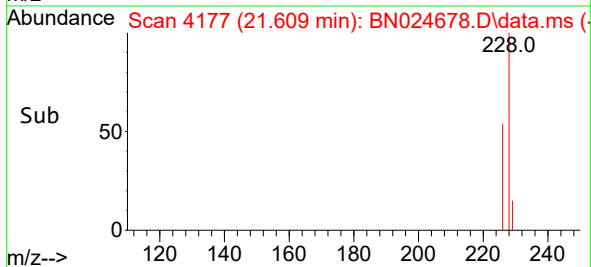
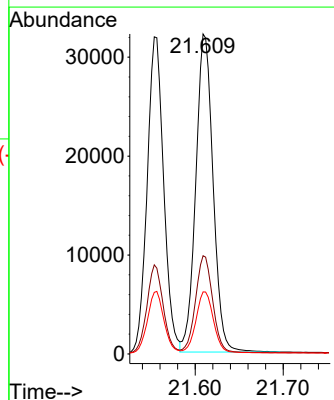
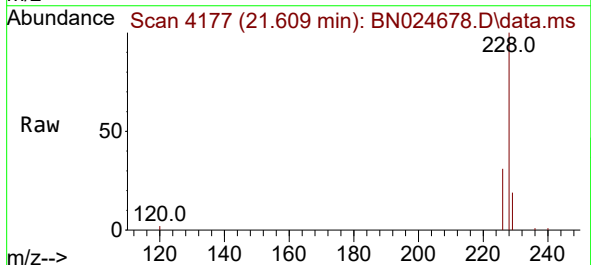
Instrument :
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SSTD0.4255

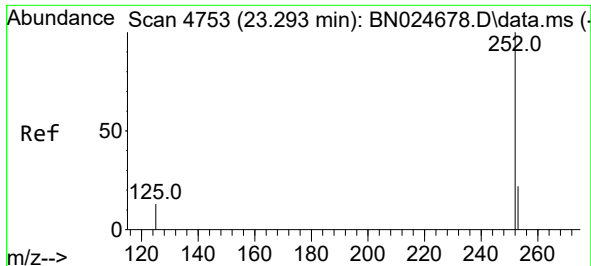
Tgt Ion:228 Resp: 41843
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 28.1 22.5 33.7



#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.609 min Scan# 4177
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

Tgt Ion:228 Resp: 44045
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 19.4 15.6 23.4

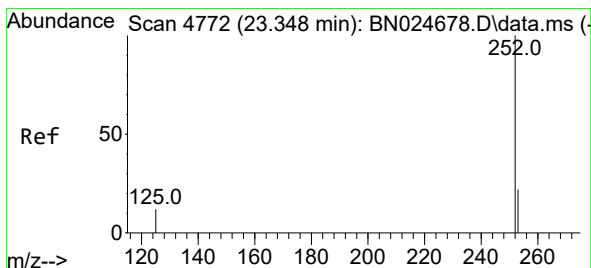
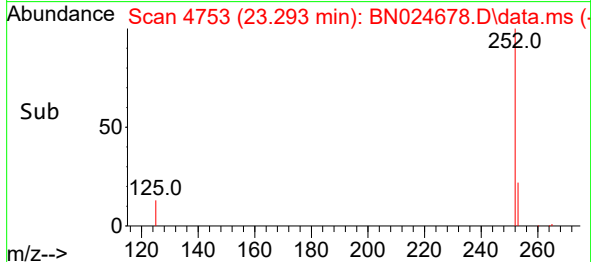
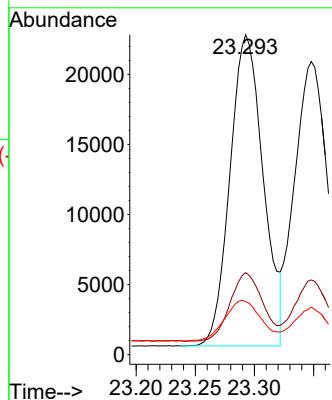
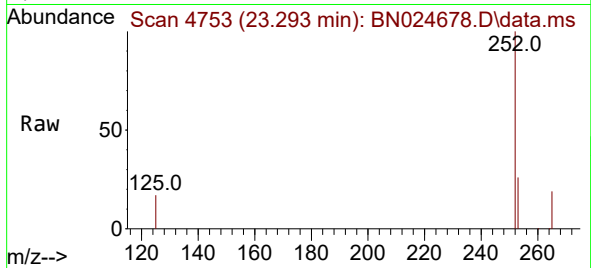




#24
Benzo(b)fluoranthene
Concen: 0.374 ng/ul
RT: 23.293 min Scan# 4753
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

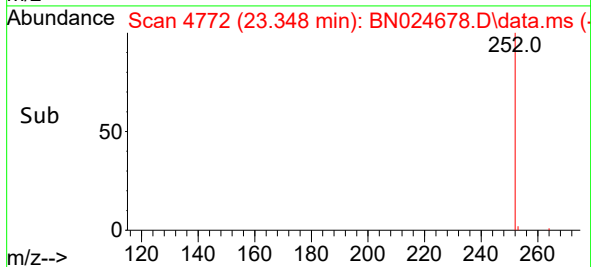
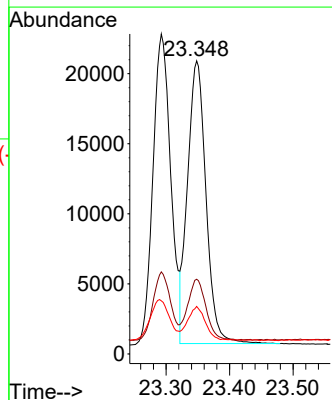
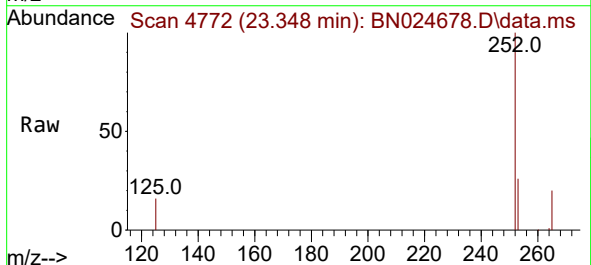
Instrument :
BNA_N
ClientSampleId :
SSTD0.4255

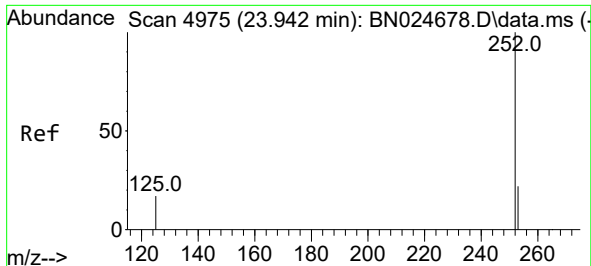
Tgt Ion:252 Resp: 43440
Ion Ratio Lower Upper
252 100
253 25.6 0.0 49.6
125 16.6 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.365 ng/ul
RT: 23.348 min Scan# 4772
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

Tgt Ion:252 Resp: 40735
Ion Ratio Lower Upper
252 100
253 25.5 20.2 30.2
125 16.2 13.1 19.7

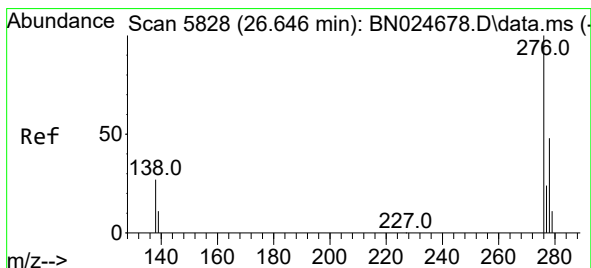
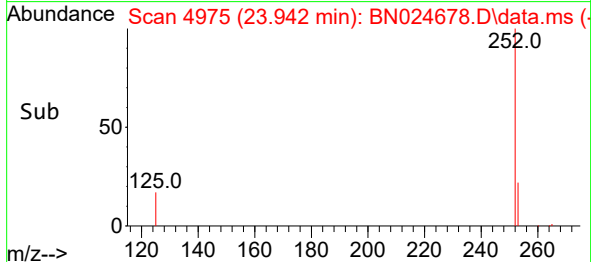
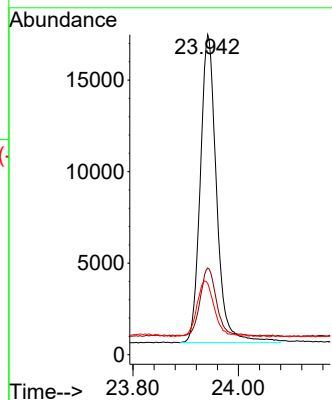
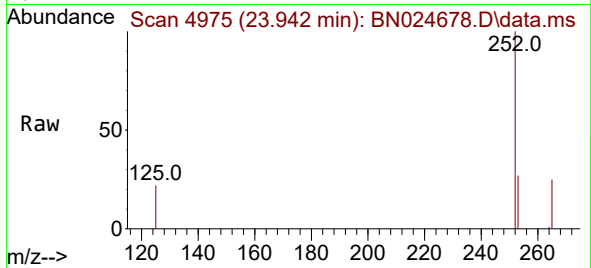




#26
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.942 min Scan# 4975
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

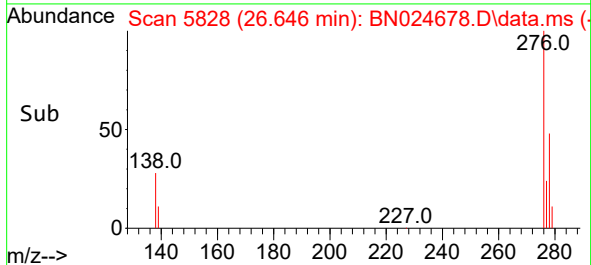
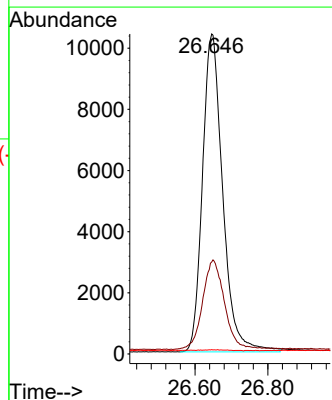
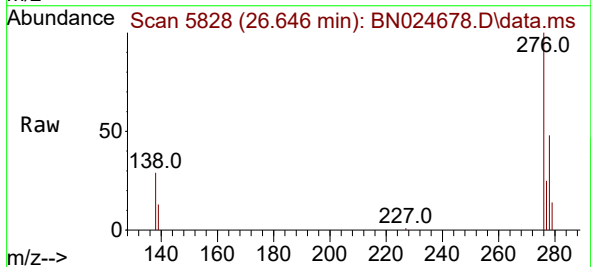
Instrument :
BNA_N
ClientSampleId :
SSTD0.4255

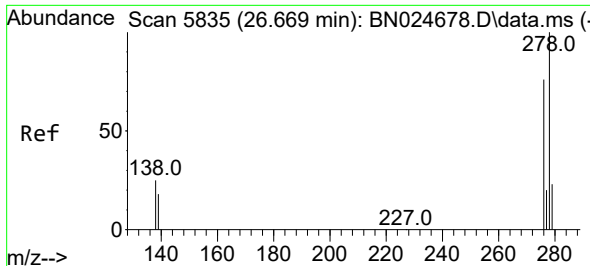
Tgt Ion:252 Resp: 35937
Ion Ratio Lower Upper
252 100
253 27.1 21.8 32.8
125 22.3 15.4 23.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul
RT: 26.646 min Scan# 5828
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

Tgt Ion:276 Resp: 40120
Ion Ratio Lower Upper
276 100
138 30.6 24.6 36.8
227 0.4 0.1 0.1#

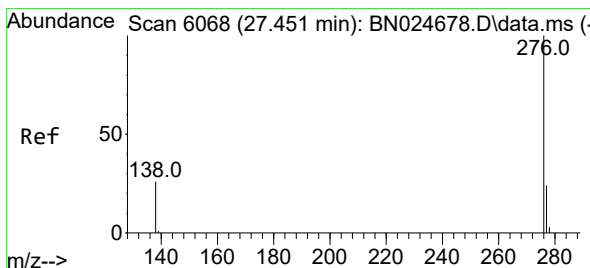
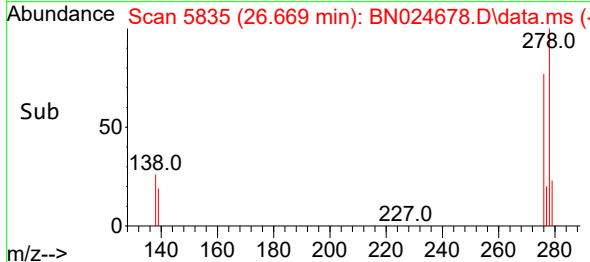
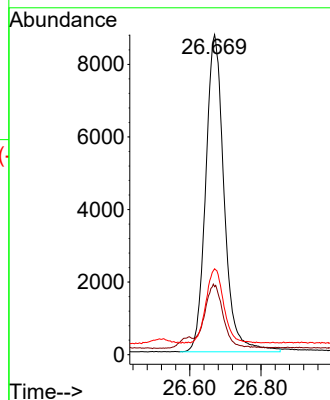
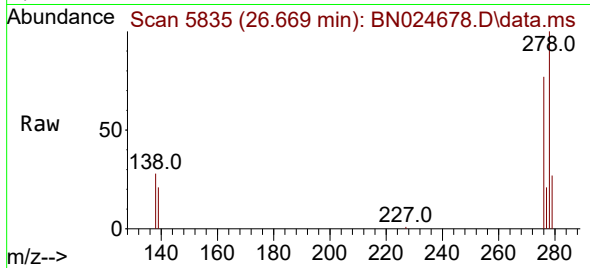




#28
Dibenzo(a,h)anthracene
Concen: 0.361 ng/ul
RT: 26.669 min Scan# 5835
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

Instrument :
BNA_N
ClientSampleId :
SSTD0.4255

Tgt Ion:278 Resp: 31381
Ion Ratio Lower Upper
278 100
139 21.3 16.5 24.7
279 26.9 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 27.451 min Scan# 6068
Delta R.T. 0.000 min
Lab File: BN024678.D
Acq: 31 Mar 2023 14:27

Tgt Ion:276 Resp: 32844
Ion Ratio Lower Upper
276 100
138 27.4 21.4 32.2
277 25.4 19.8 29.6

