

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024706.D
 Acq On : 01 Apr 2023 08:06
 Operator : CG/JU
 Sample : PB151604BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS604

Quant Time: Apr 03 01:35:53 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 04:05:52 2023
 Response via : Initial Calibration

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

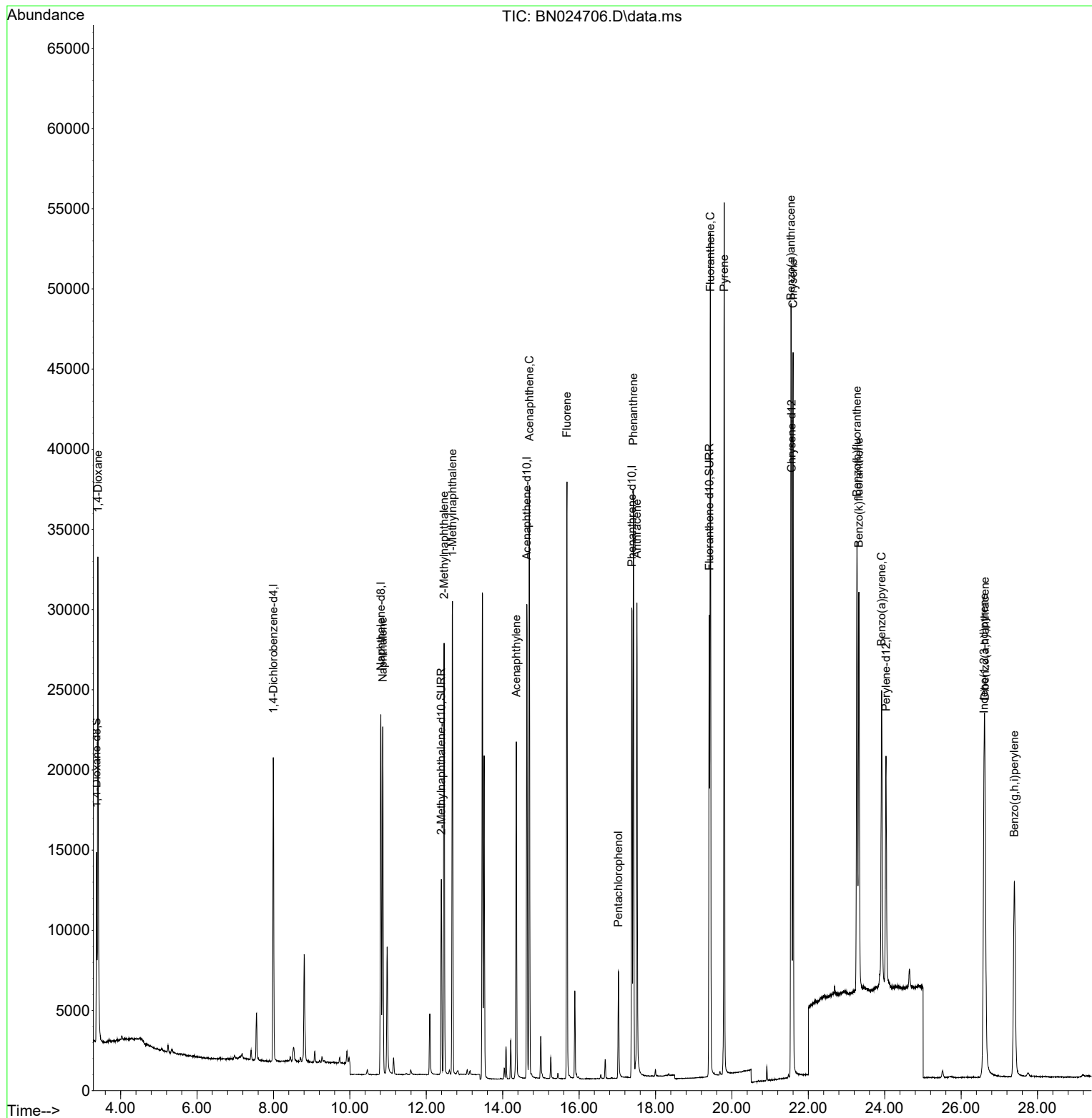
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	9767	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	29282	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	15850	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	33849	0.400	ng/ul	0.00
17) Chrysene-d12	21.562	240	25354	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	20300	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	7042	0.702	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.395	152	15293	0.423	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	30639	0.494	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	19070	1.808	ng/ul	92
5) Naphthalene	10.861	128	29783	0.414	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	18706	0.418	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	20018	0.428	ng/ul	100
10) Acenaphthylene	14.356	152	24289	0.433	ng/ul	100
11) Acenaphthene	14.698	153	20909	0.430	ng/ul	99
12) Fluorene	15.683	166	23557	0.424	ng/ul	98
14) Pentachlorophenol	17.029	266	4722	0.645	ng/ul	98
15) Phenanthrene	17.422	178	39742	0.428	ng/ul	99
16) Anthracene	17.514	178	33454	0.432	ng/ul	100
19) Fluoranthene	19.436	202	44432	0.497	ng/ul	99
20) Pyrene	19.799	202	45088	0.496	ng/ul	98
21) Benzo(a)anthracene	21.545	228	38241	0.502	ng/ul	99
22) Chrysene	21.600	228	40794	0.487	ng/ul	100
24) Benzo(b)fluoranthene	23.272	252	37877	0.449	ng/ul	99
25) Benzo(k)fluoranthene	23.325	252	36025	0.444	ng/ul	99
26) Benzo(a)pyrene	23.918	252	30432	0.459	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.599	276	34401	0.435	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.622	278	27266	0.431	ng/ul	99
29) Benzo(g,h,i)perylene	27.390	276	28851	0.424	ng/ul	100

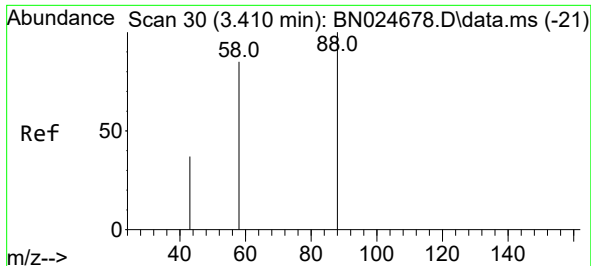
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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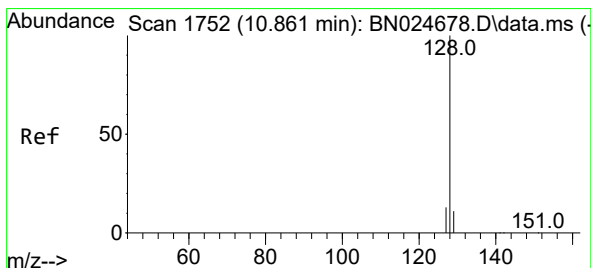
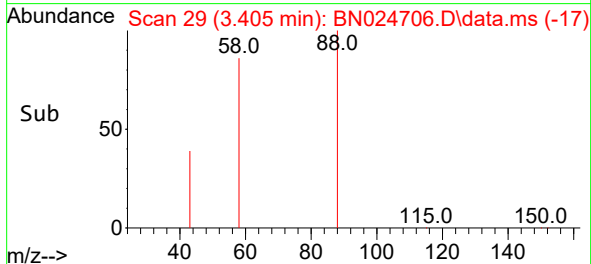
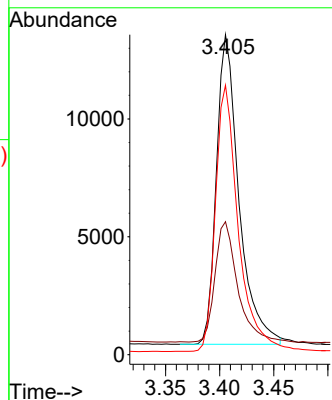
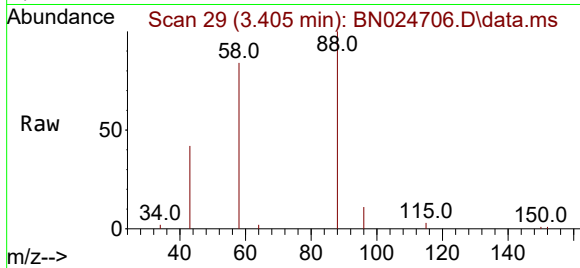




#2
1,4-Dioxane
Concen: 1.808 ng/ul
RT: 3.405 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN024706.D
Acq: 01 Apr 2023 08:06

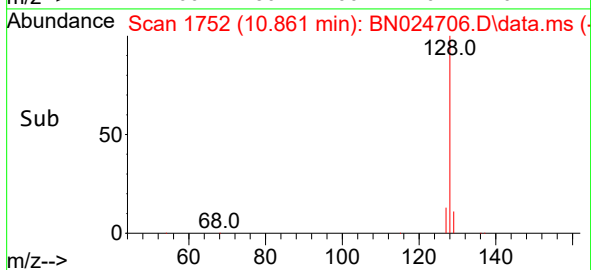
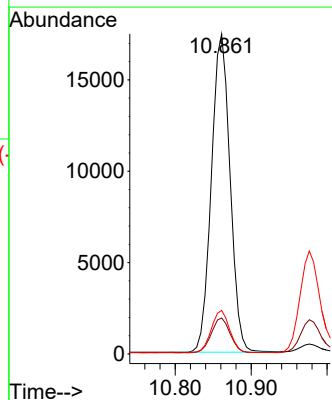
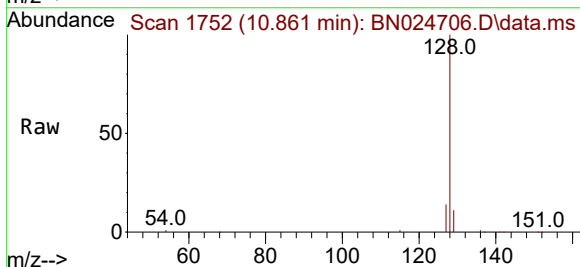
Instrument :
BNA_N
ClientSampleId :
SLCS604

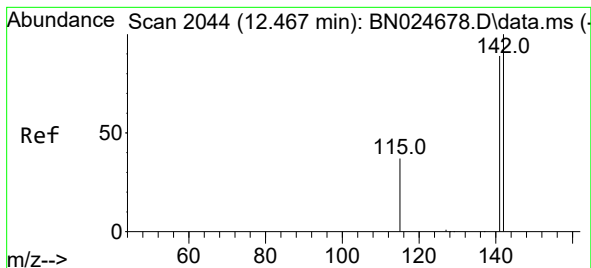
Tgt Ion: 88 Resp: 19070
Ion Ratio Lower Upper
88 100
43 41.6 37.2 55.8
58 84.2 61.5 92.3



#5
Naphthalene
Concen: 0.414 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BN024706.D
Acq: 01 Apr 2023 08:06

Tgt Ion: 128 Resp: 29783
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 10.5 15.7

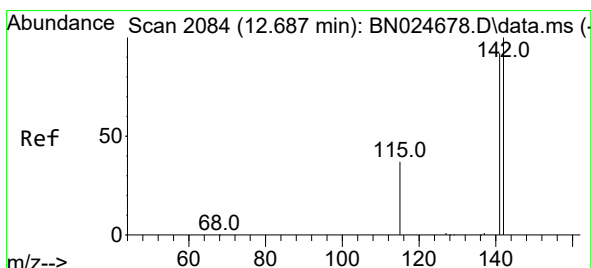
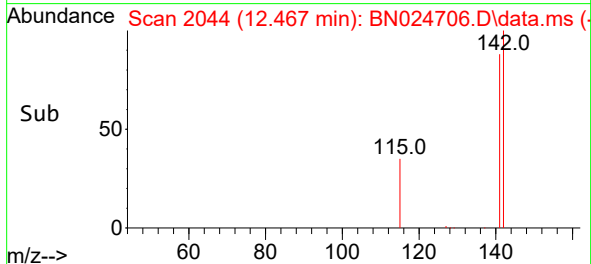
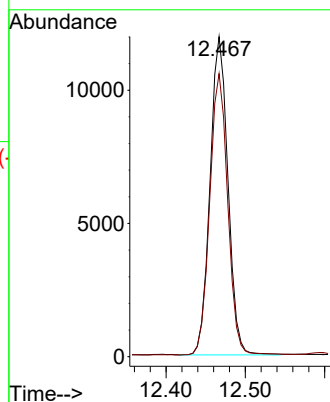
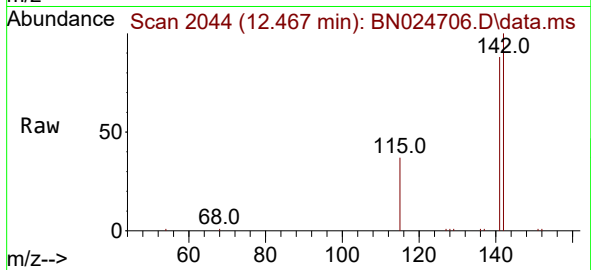




#7
2-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.467 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BN024706.D
Acq: 01 Apr 2023 08:06

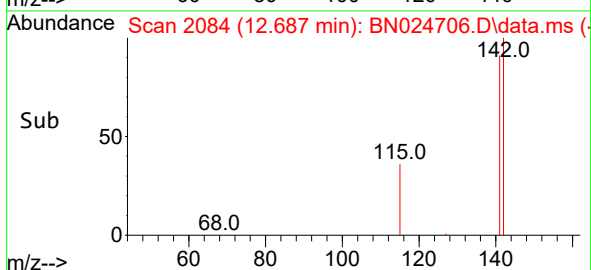
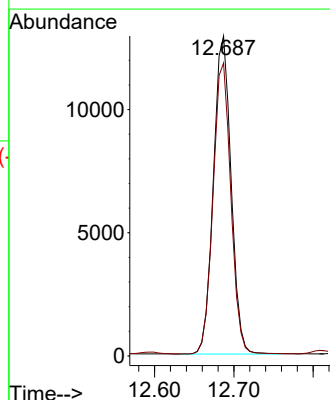
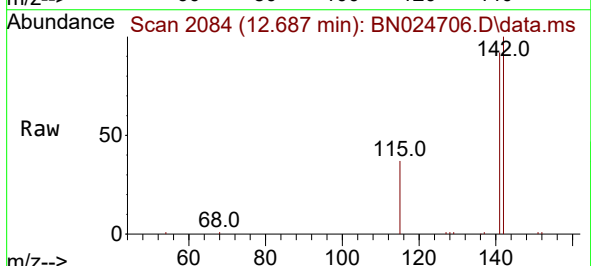
Instrument :
BNA_N
ClientSampleId :
SLCS604

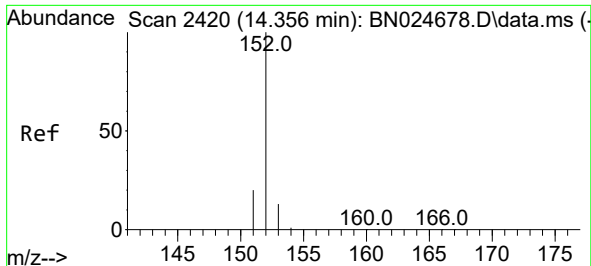
Tgt Ion:142 Resp: 18706
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BN024706.D
Acq: 01 Apr 2023 08:06

Tgt Ion:142 Resp: 20018
Ion Ratio Lower Upper
142 100
141 91.8 73.5 110.3

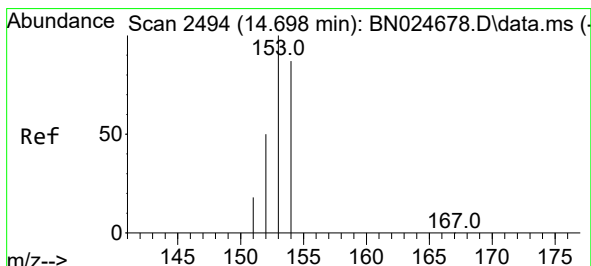
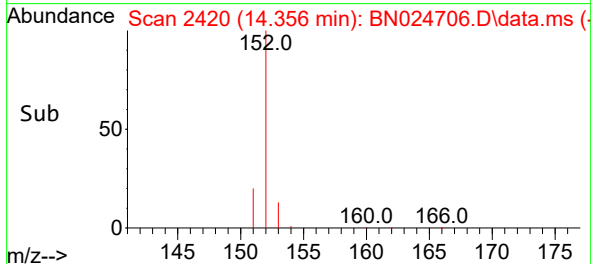
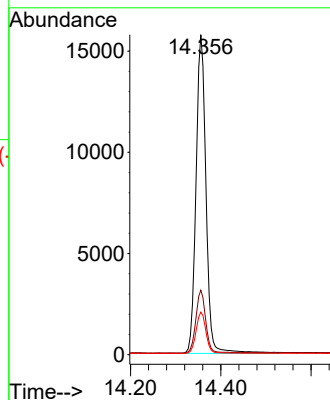
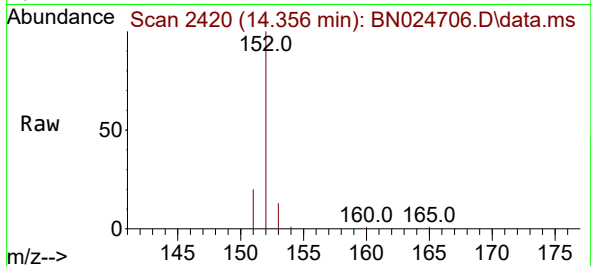




#10
Acenaphthylene
Concen: 0.433 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN024706.D
Acq: 01 Apr 2023 08:06

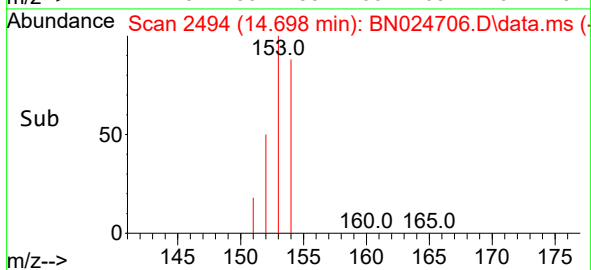
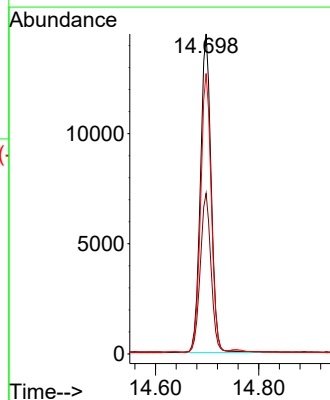
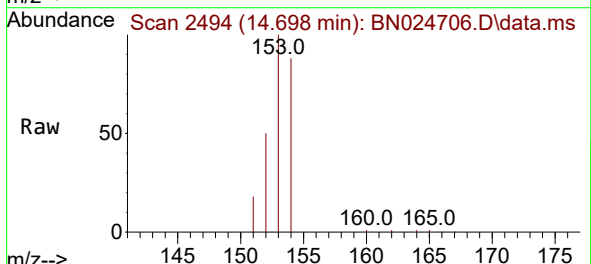
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BNA_N
ClientSampleId :
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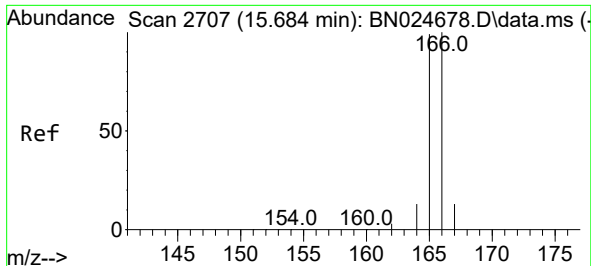
Tgt Ion:152 Resp: 24289
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.430 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. -0.000 min
Lab File: BN024706.D
Acq: 01 Apr 2023 08:06

Tgt Ion:153 Resp: 20909
Ion Ratio Lower Upper
153 100
152 50.2 40.3 60.5
154 87.6 71.0 106.4

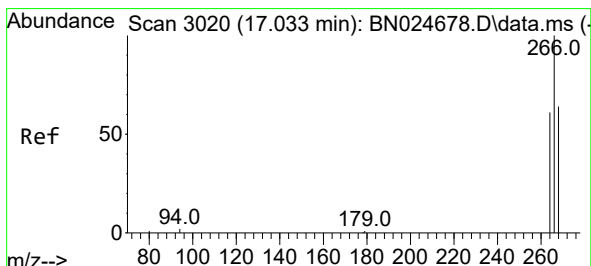
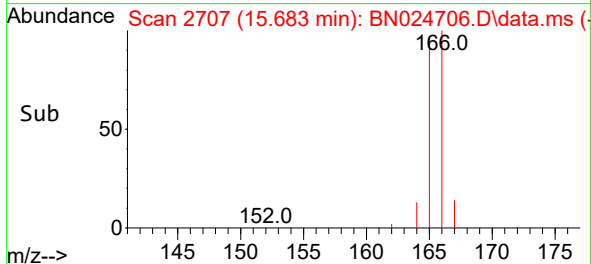
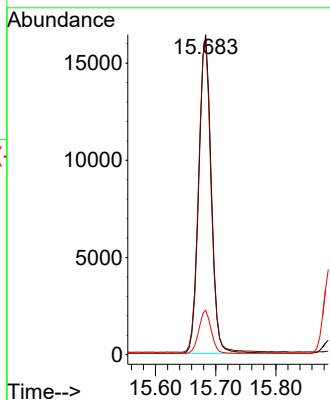
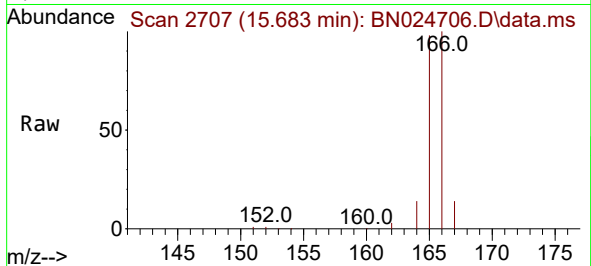




#12
Fluorene
Concen: 0.424 ng/ul
RT: 15.683 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024706.D
Acq: 01 Apr 2023 08:06

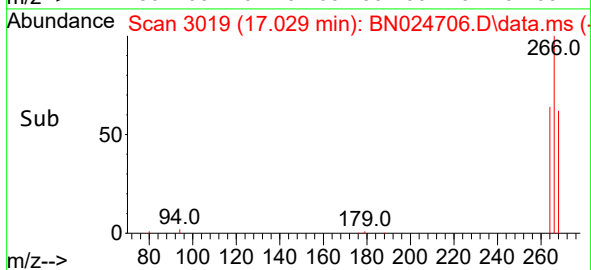
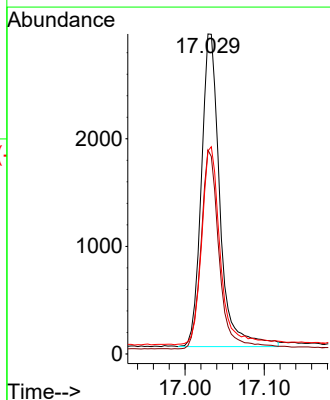
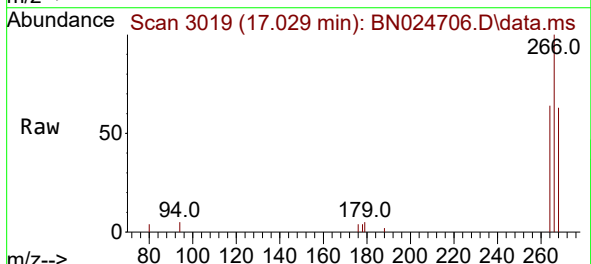
Instrument :
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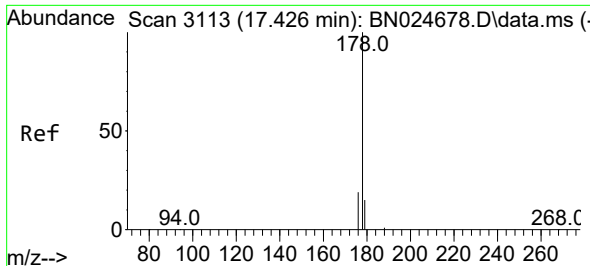
Tgt Ion:166 Resp: 23557
Ion Ratio Lower Upper
166 100
165 97.9 80.0 120.0
167 13.9 10.8 16.2



#14
Pentachlorophenol
Concen: 0.645 ng/ul
RT: 17.029 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BN024706.D
Acq: 01 Apr 2023 08:06

Tgt Ion:266 Resp: 4722
Ion Ratio Lower Upper
266 100
264 62.4 49.6 74.4
268 63.7 52.6 78.8

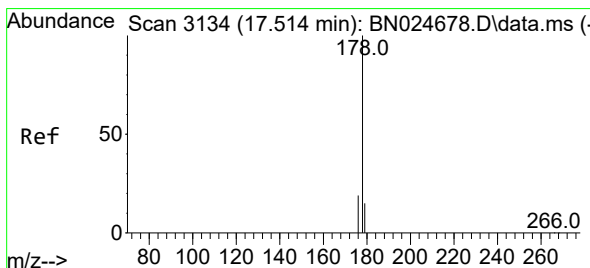
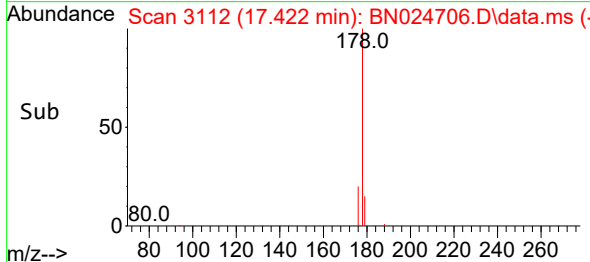
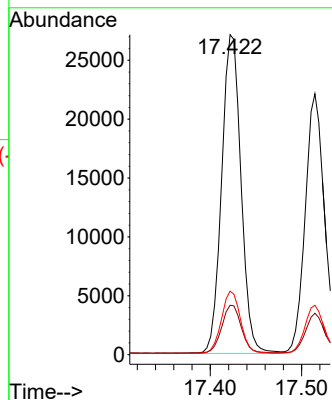
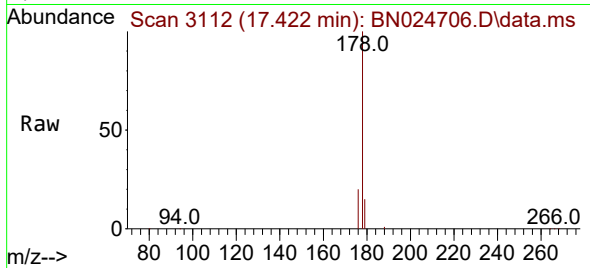




#15
 Phenanthrene
 Concen: 0.428 ng/ul
 RT: 17.422 min Scan# 3112
 Delta R.T. -0.000 min
 Lab File: BN024706.D
 Acq: 01 Apr 2023 08:06

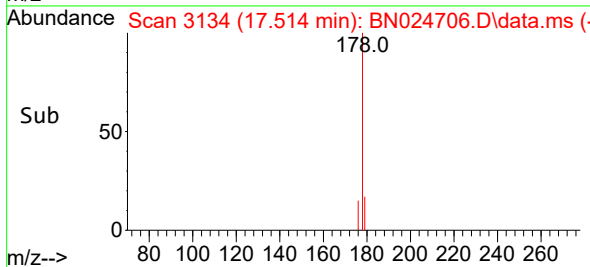
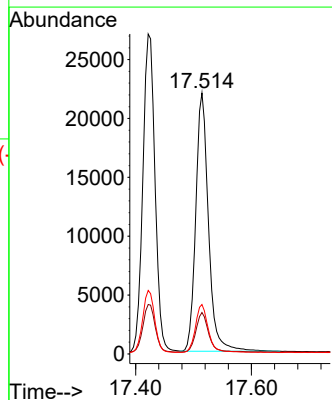
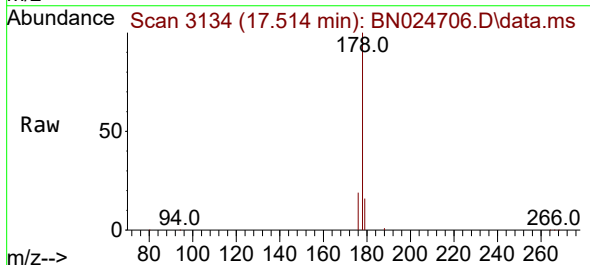
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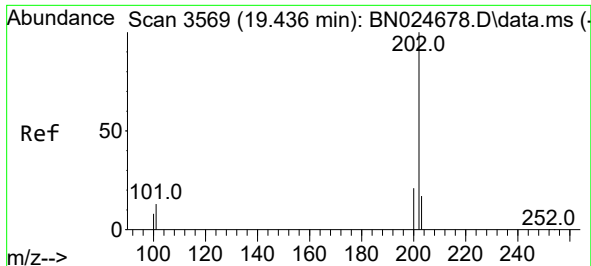
Tgt Ion:178 Resp: 39742
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.3 18.5
 176 19.8 15.5 23.3



#16
 Anthracene
 Concen: 0.432 ng/ul
 RT: 17.514 min Scan# 3134
 Delta R.T. -0.000 min
 Lab File: BN024706.D
 Acq: 01 Apr 2023 08:06

Tgt Ion:178 Resp: 33454
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.7 19.1
 176 18.9 15.2 22.8

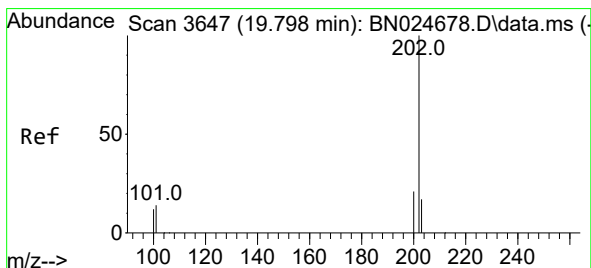
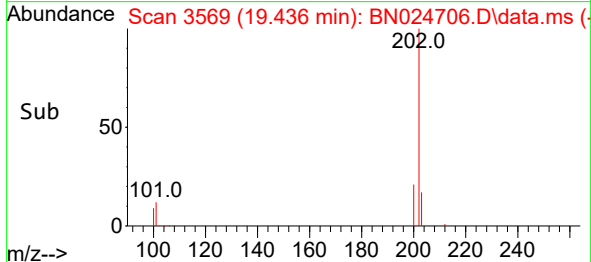
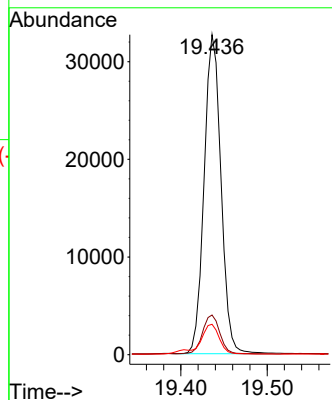
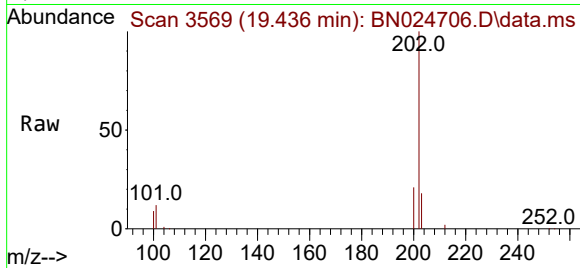




#19
Fluoranthene
Concen: 0.497 ng/ul
RT: 19.436 min Scan# 3569
Delta R.T. -0.000 min
Lab File: BN024706.D
Acq: 01 Apr 2023 08:06

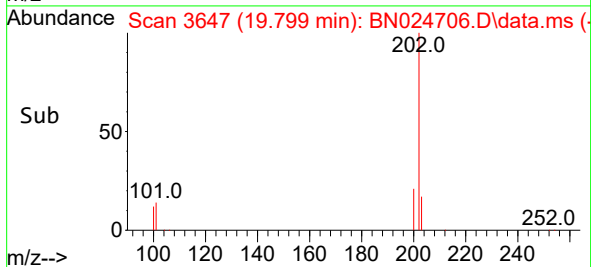
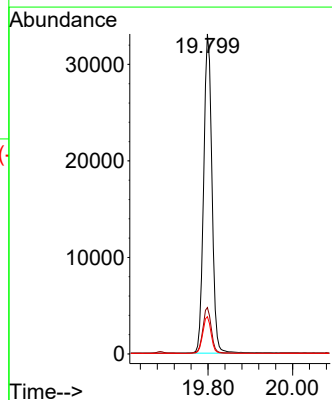
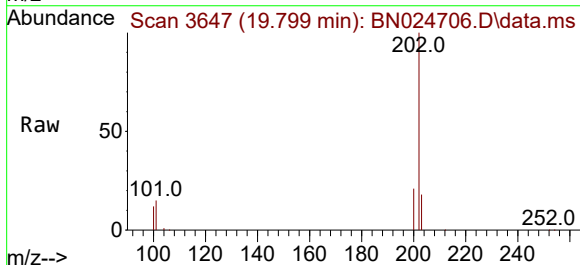
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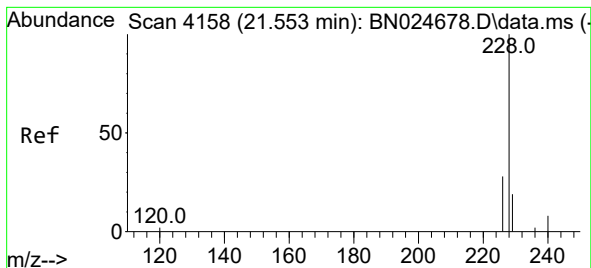
Tgt Ion:202 Resp: 44432
Ion Ratio Lower Upper
202 100
101 12.4 9.6 14.4
100 9.5 7.0 10.6



#20
Pyrene
Concen: 0.496 ng/ul
RT: 19.799 min Scan# 3647
Delta R.T. -0.000 min
Lab File: BN024706.D
Acq: 01 Apr 2023 08:06

Tgt Ion:202 Resp: 45088
Ion Ratio Lower Upper
202 100
101 14.5 10.9 16.3
100 11.6 8.7 13.1





#21

Benzo(a)anthracene

Concen: 0.502 ng/ul

RT: 21.545 min Scan# 4155

Delta R.T. -0.003 min

Lab File: BN024706.D

Acq: 01 Apr 2023 08:06

Instrument :

BNA_N

ClientSampleId :

SLCS604

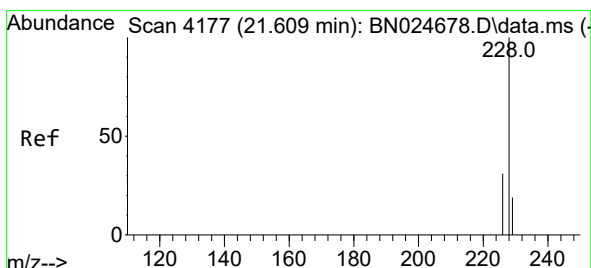
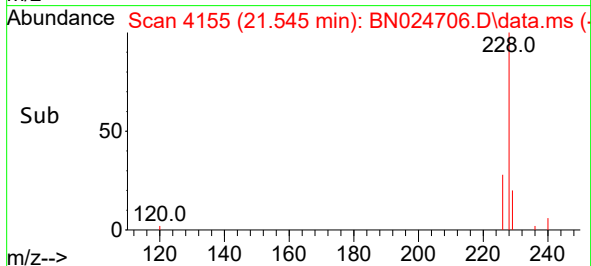
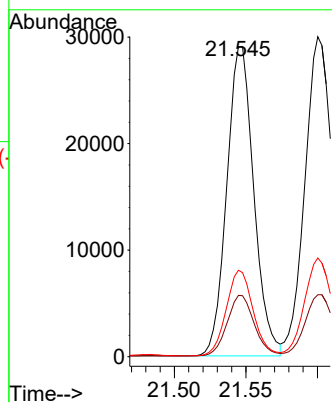
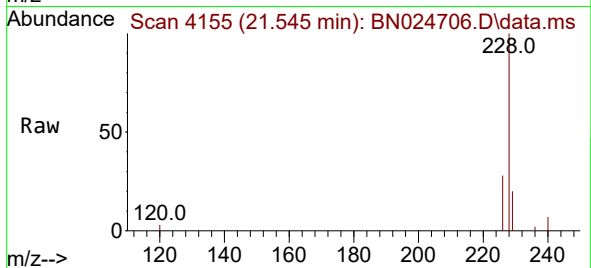
Tgt Ion:228 Resp: 38241

Ion Ratio Lower Upper

228 100

229 19.8 15.6 23.4

226 27.8 22.5 33.7



#22

Chrysene

Concen: 0.487 ng/ul

RT: 21.600 min Scan# 4174

Delta R.T. -0.003 min

Lab File: BN024706.D

Acq: 01 Apr 2023 08:06

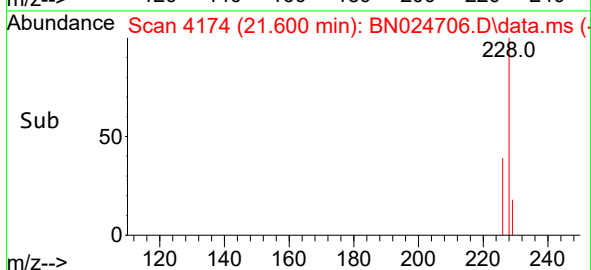
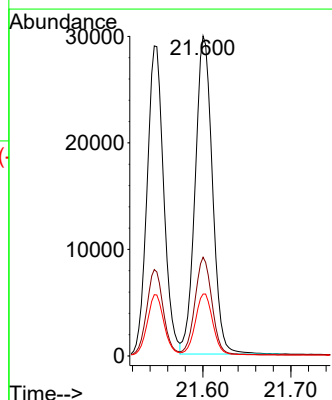
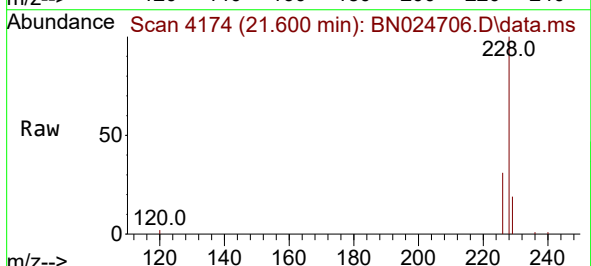
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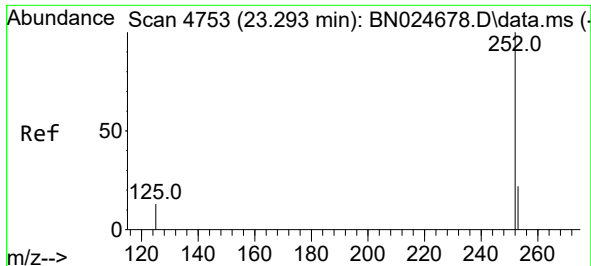
Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

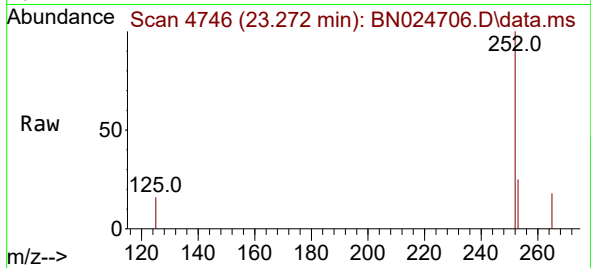
229 19.4 15.6 23.4



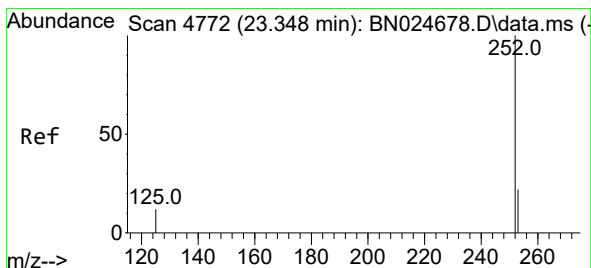
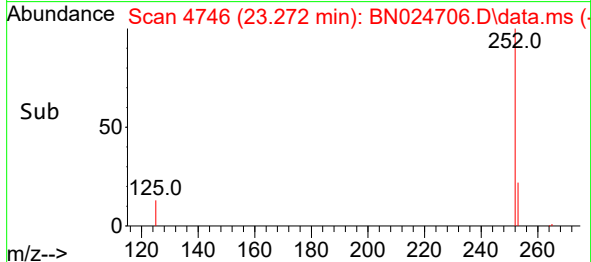
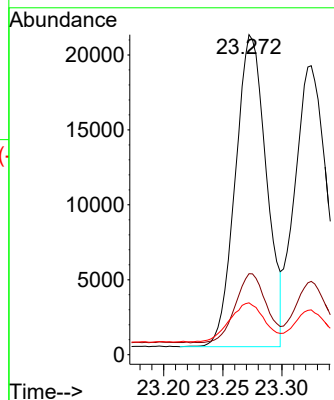


#24
Benzo(b)fluoranthene
Concen: 0.449 ng/ul
RT: 23.272 min Scan# 4764
Delta R.T. -0.012 min
Lab File: BN024706.D
Acq: 01 Apr 2023 08:06

Instrument :
BNA_N
ClientSampleId :
SLCS604

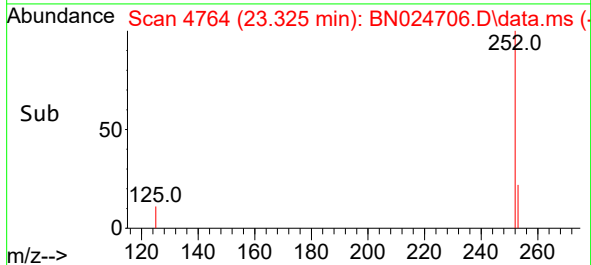
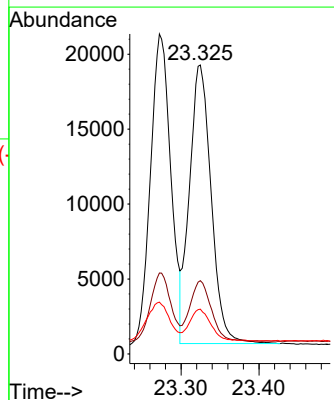
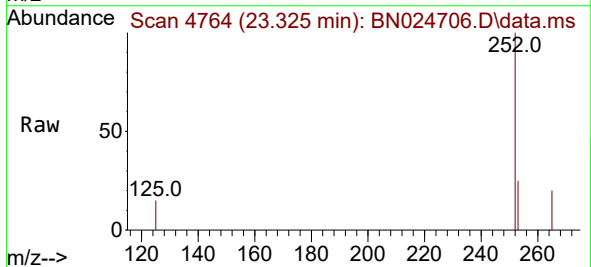


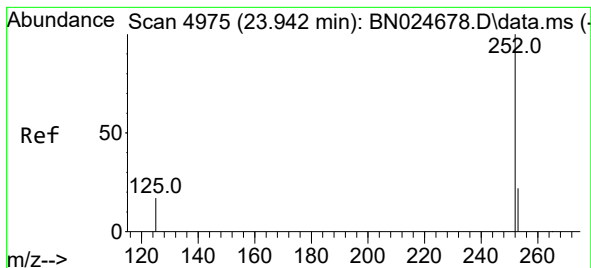
Tgt Ion:252 Resp: 37877
Ion Ratio Lower Upper
252 100
253 25.3 0.0 49.6
125 16.2 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.444 ng/ul
RT: 23.325 min Scan# 4764
Delta R.T. -0.009 min
Lab File: BN024706.D
Acq: 01 Apr 2023 08:06

Tgt Ion:252 Resp: 36025
Ion Ratio Lower Upper
252 100
253 25.3 20.2 30.2
125 15.5 13.1 19.7





#26

Benzo(a)pyrene

Concen: 0.459 ng/ul

RT: 23.918 min Scan# 4967

Delta R.T. -0.020 min

Lab File: BN024706.D

Acq: 01 Apr 2023 08:06

Instrument :

BNA_N

ClientSampleId :

SLCS604

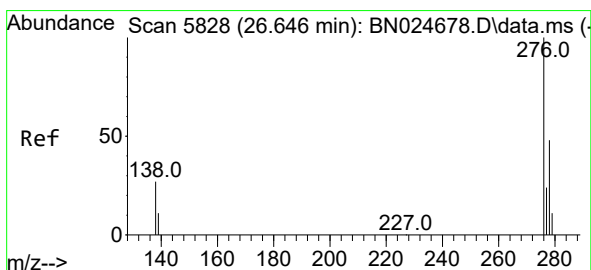
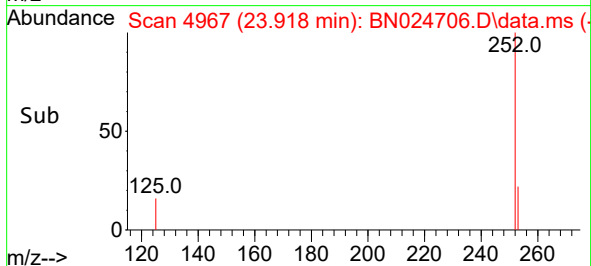
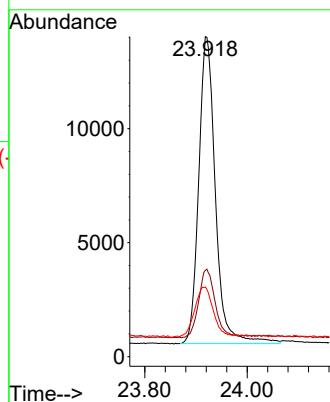
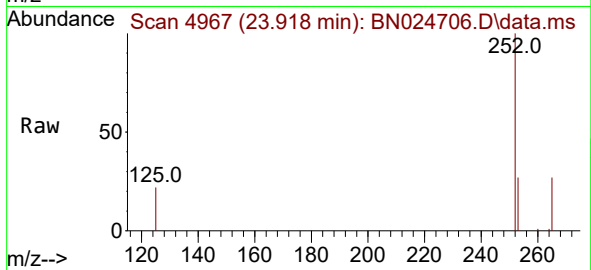
Tgt Ion:252 Resp: 30432

Ion Ratio Lower Upper

252 100

253 27.0 21.8 32.8

125 21.8 15.4 23.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.435 ng/ul

RT: 26.599 min Scan# 5814

Delta R.T. -0.047 min

Lab File: BN024706.D

Acq: 01 Apr 2023 08:06

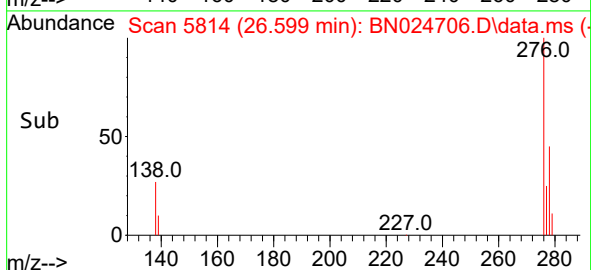
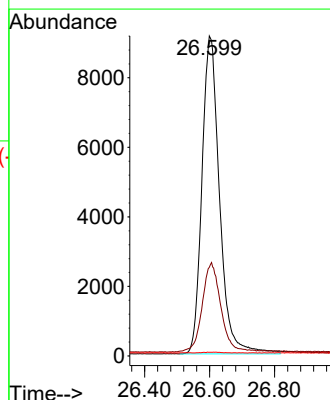
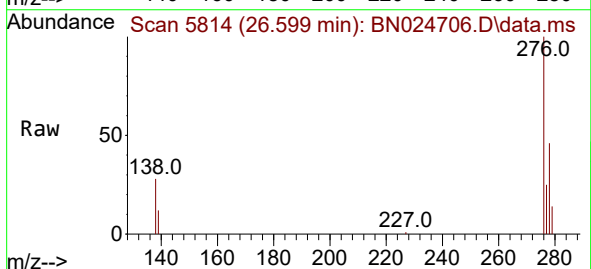
Tgt Ion:276 Resp: 34401

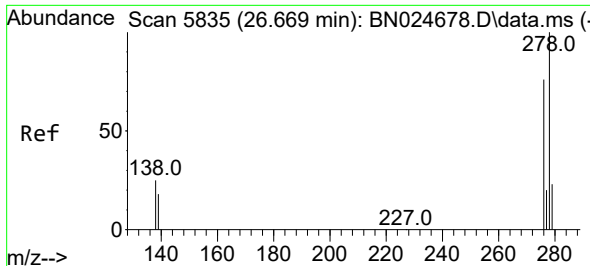
Ion Ratio Lower Upper

276 100

138 29.8 24.6 36.8

227 0.2 0.1 0.1#

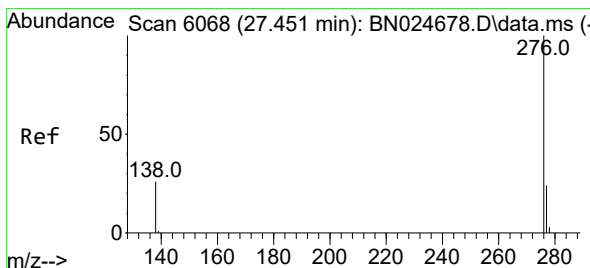
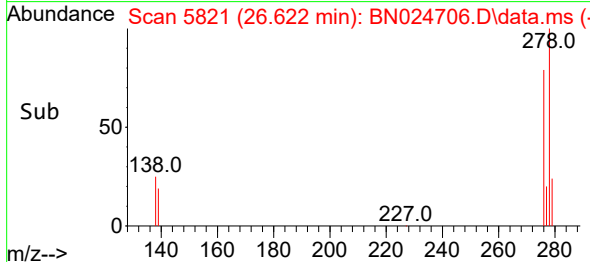
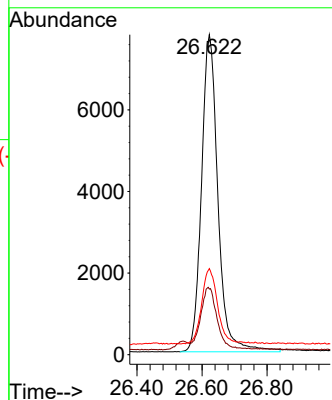
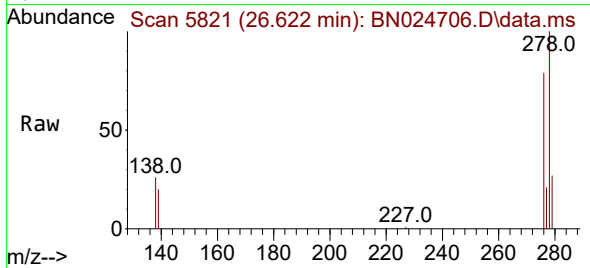




#28
Dibenzo(a,h)anthracene
Concen: 0.431 ng/ul
RT: 26.622 min Scan# 51
Delta R.T. -0.044 min
Lab File: BN024706.D
Acq: 01 Apr 2023 08:06

Instrument :
BNA_N
ClientSampleId :
SLCS604

Tgt Ion:278 Resp: 27266
Ion Ratio Lower Upper
278 100
139 20.5 16.5 24.7
279 26.9 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.424 ng/ul
RT: 27.390 min Scan# 6050
Delta R.T. -0.054 min
Lab File: BN024706.D
Acq: 01 Apr 2023 08:06

Tgt Ion:276 Resp: 28851
Ion Ratio Lower Upper
276 100
138 27.0 21.4 32.2
277 24.8 19.8 29.6

