

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024199.D
 Acq On : 09 Mar 2023 14:44
 Operator : CG/JU
 Sample : PB151238BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS238

Quant Time: Mar 10 02:24:04 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 08:02:24 2023
 Response via : Initial Calibration

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

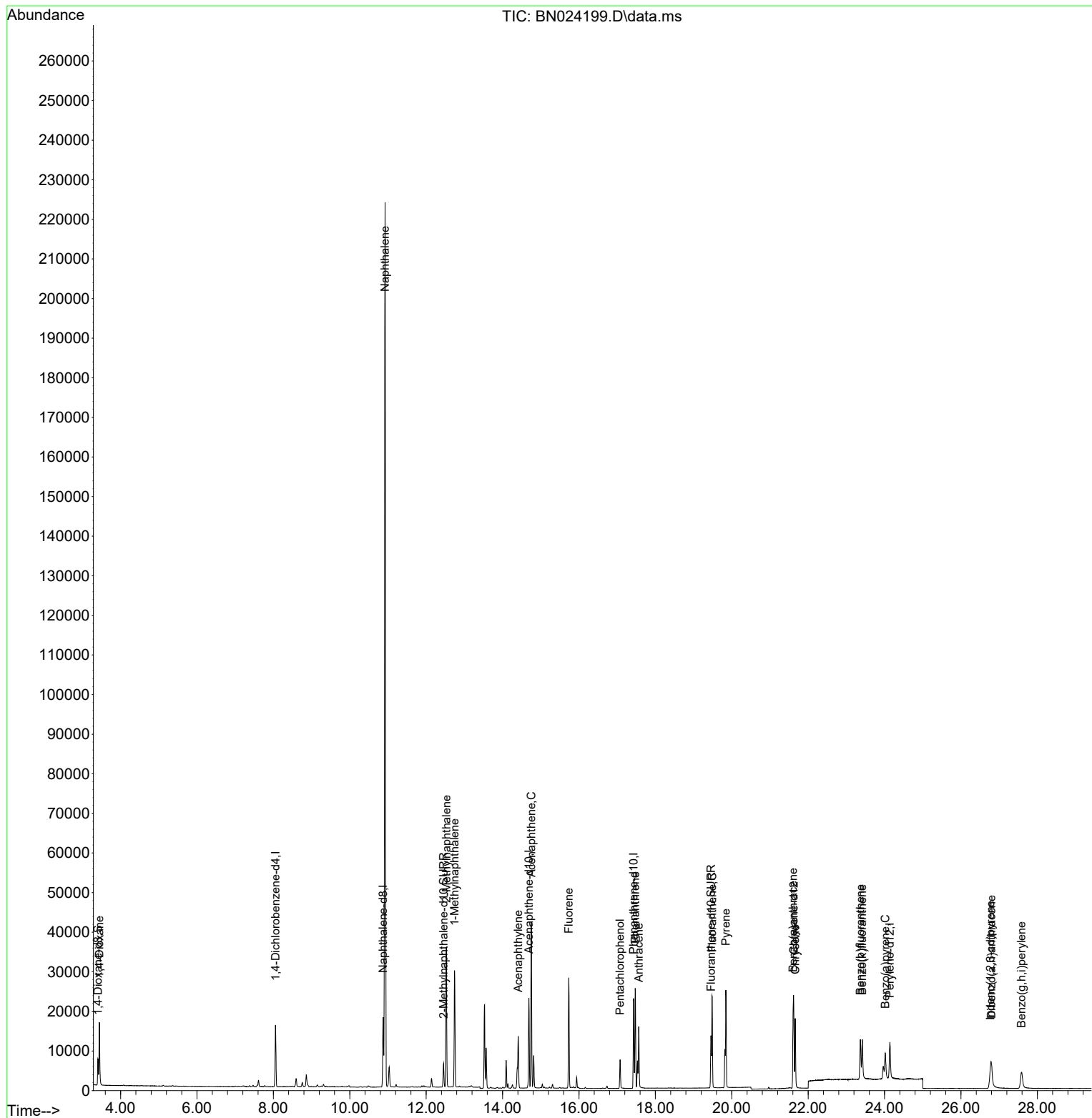
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	7692	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	22649	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	12174	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	25208	0.400	ng/ul	0.00
17) Chrysene-d12	21.621	240	17922	0.400	ng/ul	0.00
23) Perylene-d12	24.141	264	13638	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	4146	0.490	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	7409	0.275	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	13558	0.284	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	10426	1.132	ng/ul	91
5) Naphthalene	10.922	128	301477	5.333	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	24574	0.716	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	19832	0.550	ng/ul	100
10) Acenaphthylene	14.411	152	14523	0.286	ng/ul	99
11) Acenaphthene	14.749	153	23675	0.605	ng/ul	99
12) Fluorene	15.734	166	17334	0.397	ng/ul	99
14) Pentachlorophenol	17.076	266	4702	0.672	ng/ul#	73
15) Phenanthrene	17.472	178	26644	0.369	ng/ul	99
16) Anthracene	17.565	178	16493	0.260	ng/ul	100
19) Fluoranthene	19.487	202	19489	0.273	ng/ul	99
20) Pyrene	19.845	202	20203	0.279	ng/ul	97
21) Benzo(a)anthracene	21.603	228	15110	0.258	ng/ul	99
22) Chrysene	21.659	228	16599	0.269	ng/ul	99
24) Benzo(b)fluoranthene	23.366	252	14767	0.284	ng/ul	96
25) Benzo(k)fluoranthene	23.416	252	15046	0.278	ng/ul	95
26) Benzo(a)pyrene	24.018	252	12092	0.270	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.774	276	12113	0.240	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.797	278	8779	0.229	ng/ul	98
29) Benzo(g,h,i)perylene	27.586	276	11061	0.253	ng/ul	99

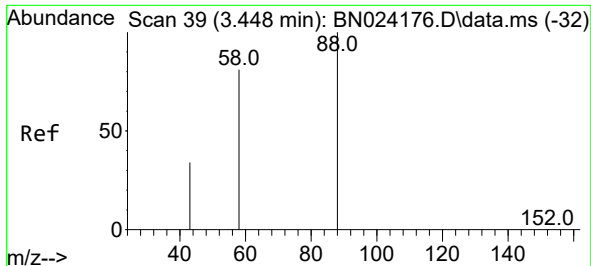
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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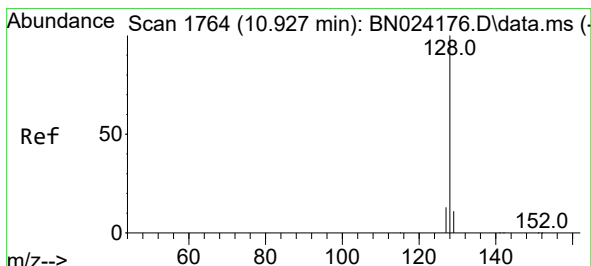
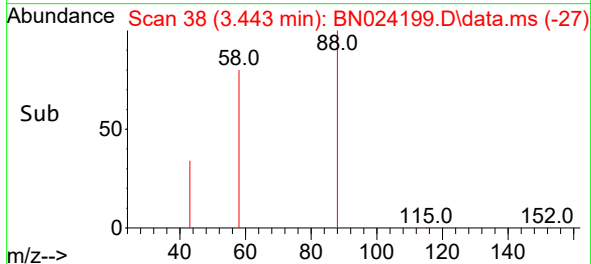
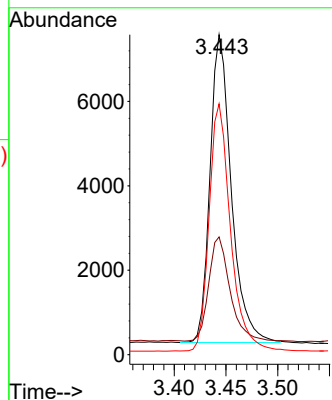
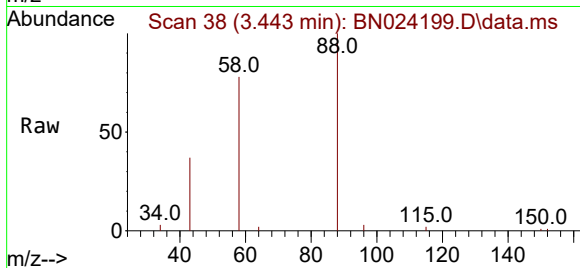




#2
 1,4-Dioxane
 Concen: 1.132 ng/ul
 RT: 3.443 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN024199.D
 Acq: 09 Mar 2023 14:44

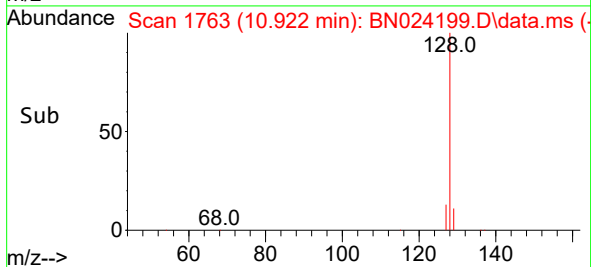
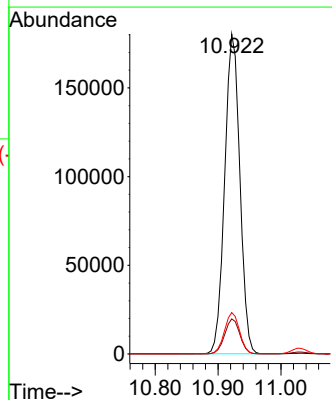
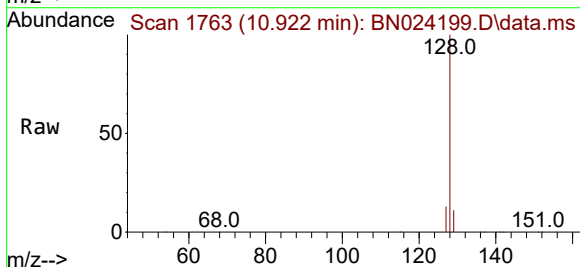
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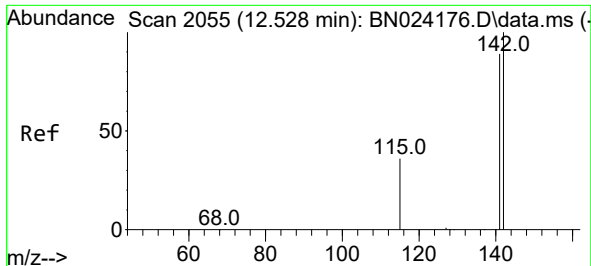
Tgt Ion: 88 Resp: 10426
 Ion Ratio Lower Upper
 88 100
 43 36.8 32.1 48.1
 58 78.4 55.1 82.7



#5
 Naphthalene
 Concen: 5.333 ng/ul
 RT: 10.922 min Scan# 1763
 Delta R.T. 0.000 min
 Lab File: BN024199.D
 Acq: 09 Mar 2023 14:44

Tgt Ion:128 Resp: 301477
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.0 13.6
 127 12.9 10.5 15.7

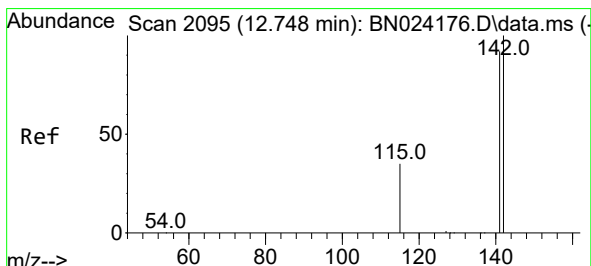
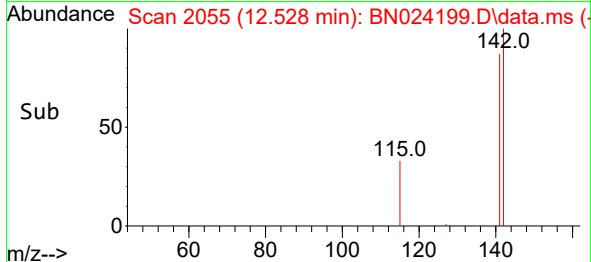
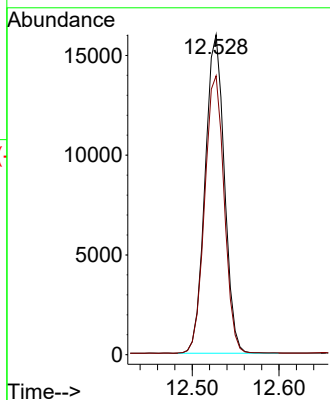
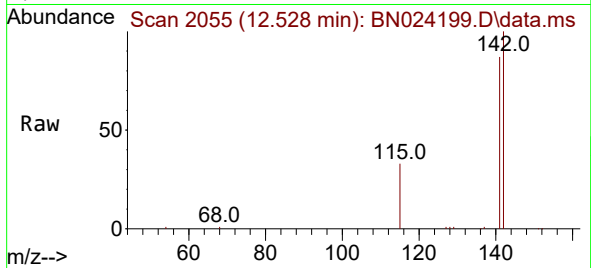




#7
2-Methylnaphthalene
Concen: 0.716 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

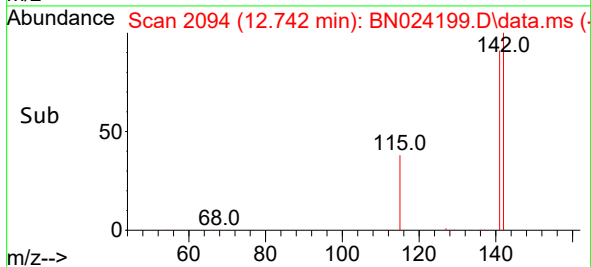
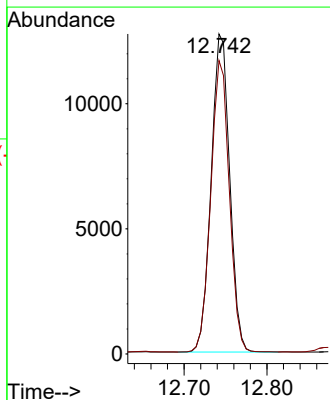
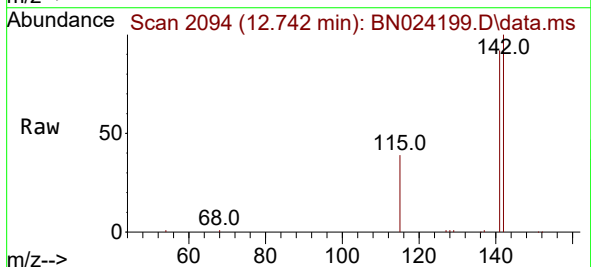
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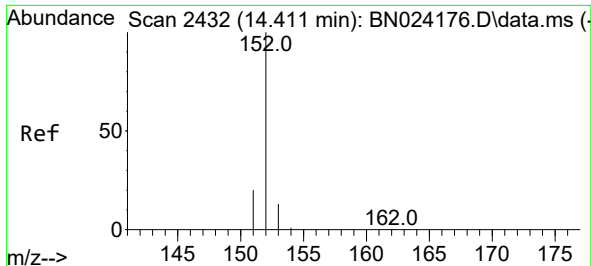
Tgt Ion:142 Resp: 24574
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.550 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

Tgt Ion:142 Resp: 19832
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.6

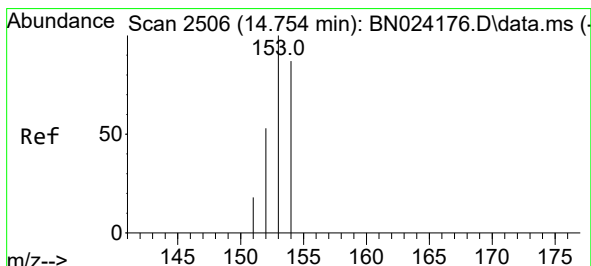
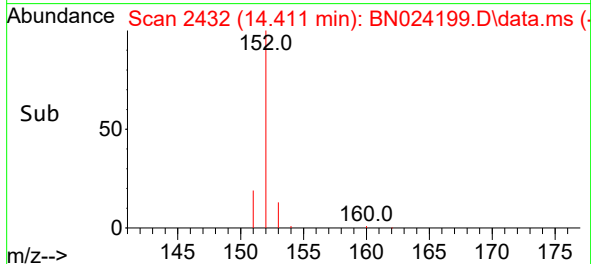
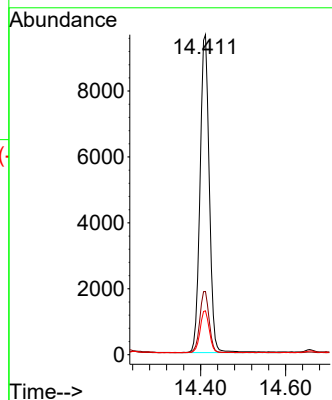
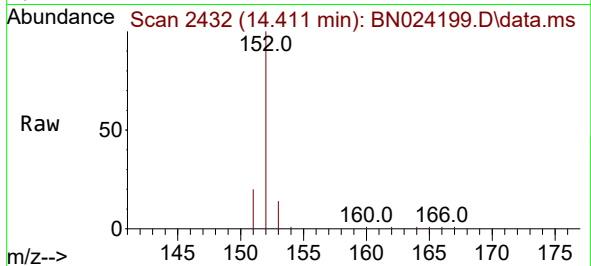




#10
Acenaphthylene
Concen: 0.286 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

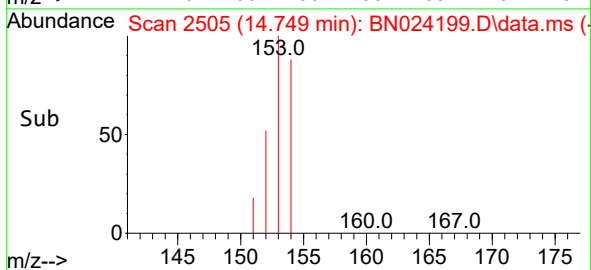
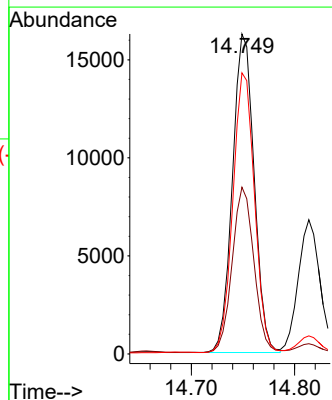
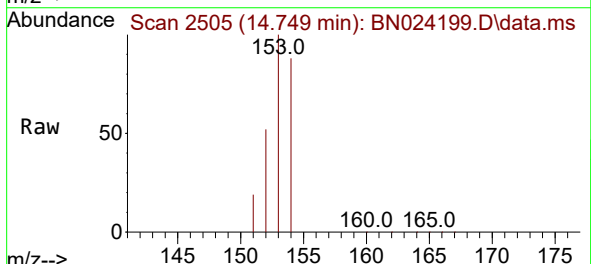
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ClientSampleId :
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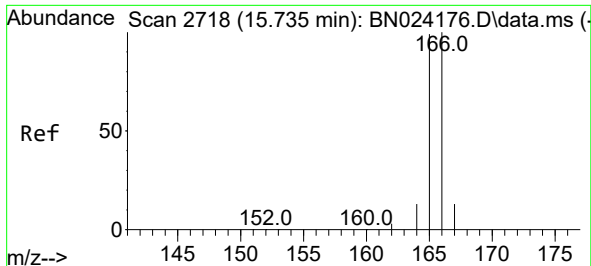
Tgt Ion:152 Resp: 14523
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.7 10.6 16.0



#11
Acenaphthene
Concen: 0.605 ng/ul
RT: 14.749 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

Tgt Ion:153 Resp: 23675
Ion Ratio Lower Upper
153 100
152 52.1 42.6 64.0
154 87.8 70.6 105.8

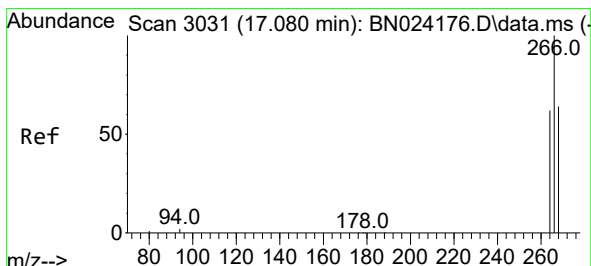
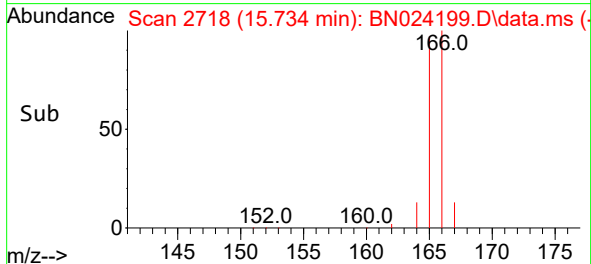
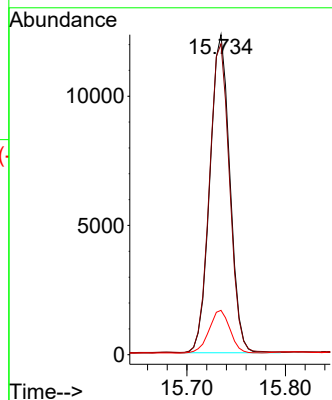
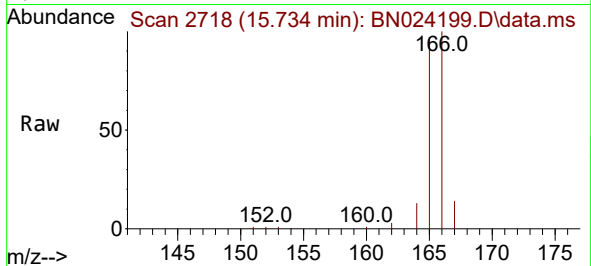




#12
Fluorene
Concen: 0.397 ng/ul
RT: 15.734 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

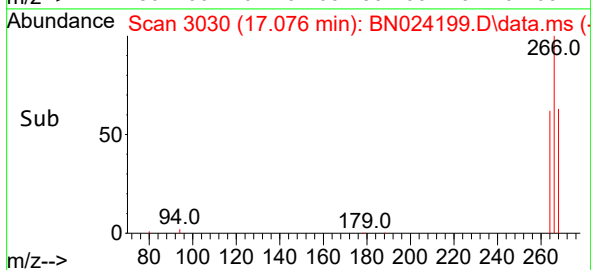
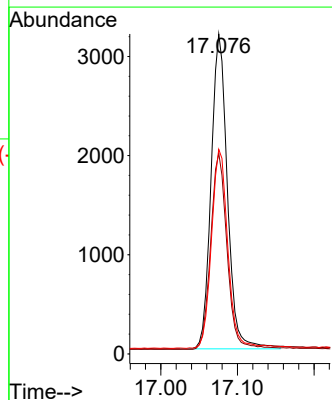
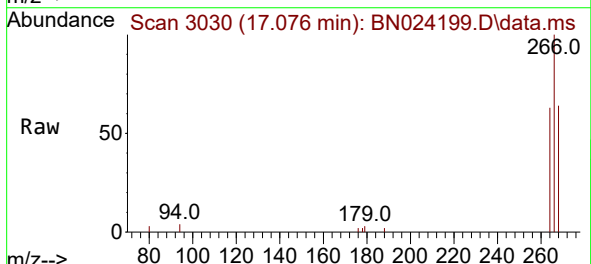
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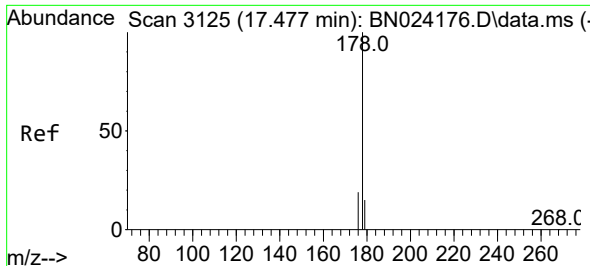
Tgt Ion:166 Resp: 17334
Ion Ratio Lower Upper
166 100
165 97.2 77.4 116.0
167 13.9 10.9 16.3



#14
Pentachlorophenol
Concen: 0.672 ng/ul
RT: 17.076 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

Tgt Ion:266 Resp: 4702
Ion Ratio Lower Upper
266 100
264 62.5 0.0 0.0#
268 63.8 0.1 0.1#

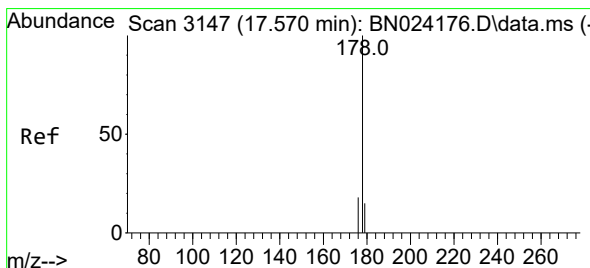
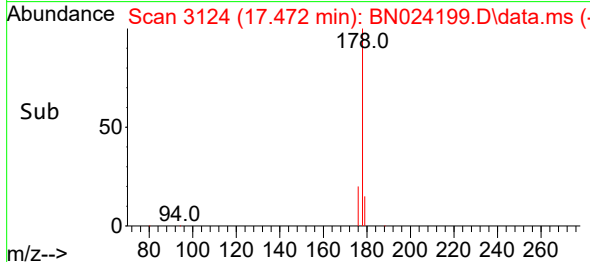
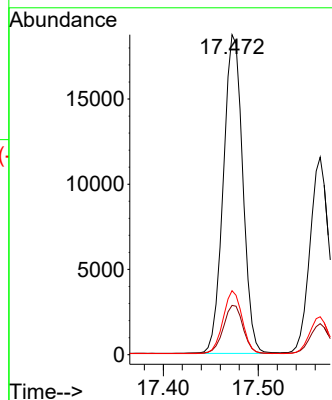
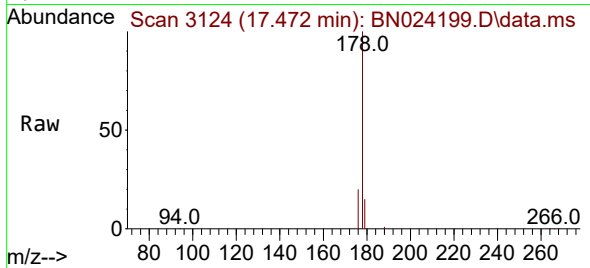




#15
Phenanthrene
Concen: 0.369 ng/ul
RT: 17.472 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

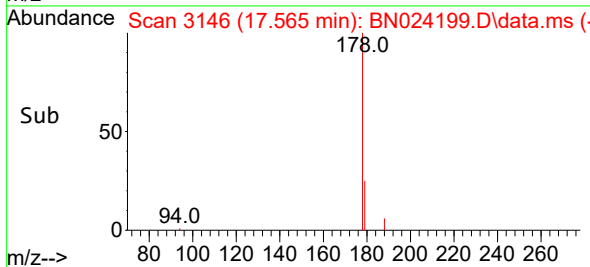
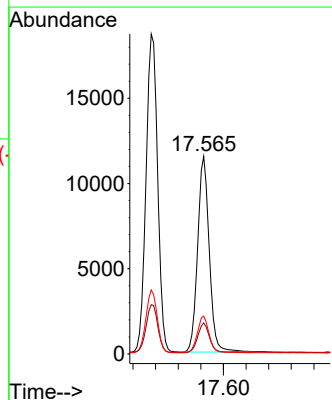
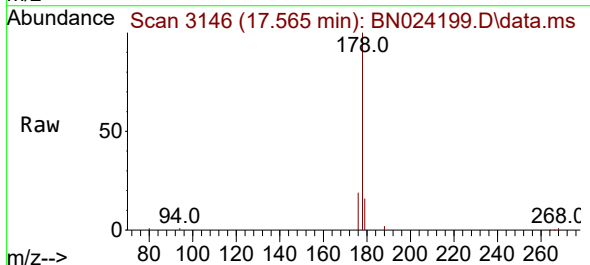
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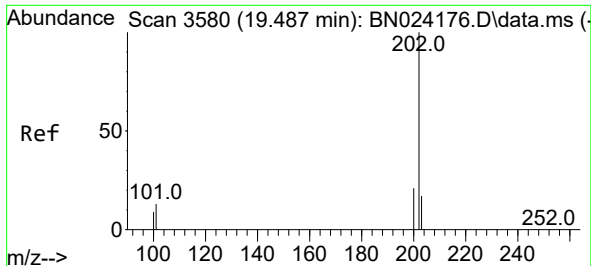
Tgt Ion:178 Resp: 26644
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 20.0 15.7 23.5



#16
Anthracene
Concen: 0.260 ng/ul
RT: 17.565 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

Tgt Ion:178 Resp: 16493
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.2 15.3 22.9

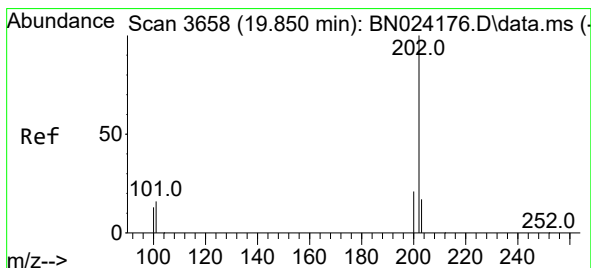
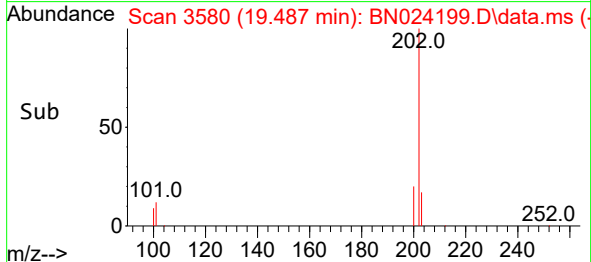
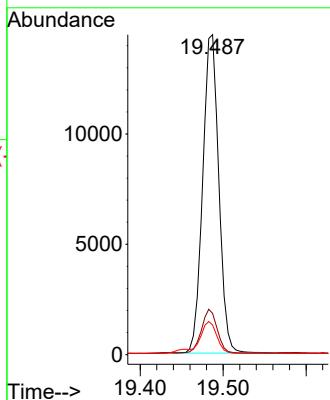
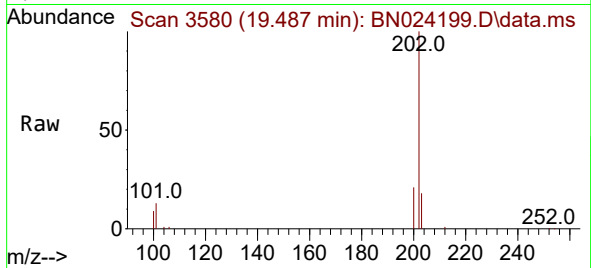




#19
Fluoranthene
Concen: 0.273 ng/ul
RT: 19.487 min Scan# 3580
Delta R.T. 0.005 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

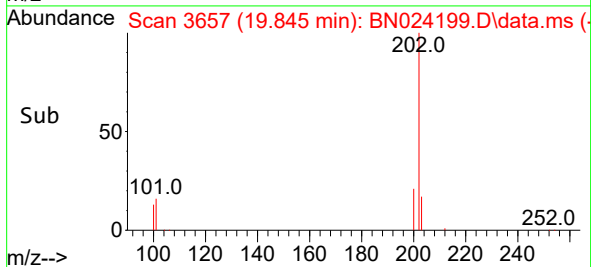
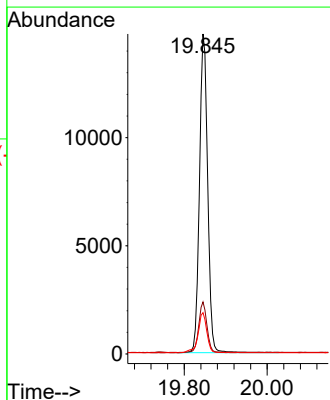
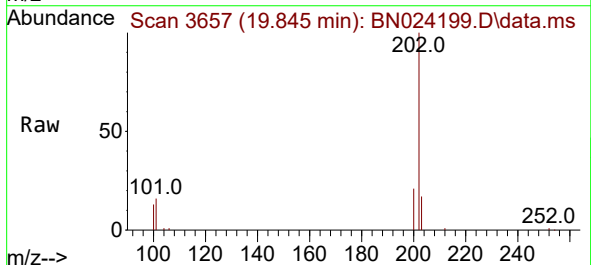
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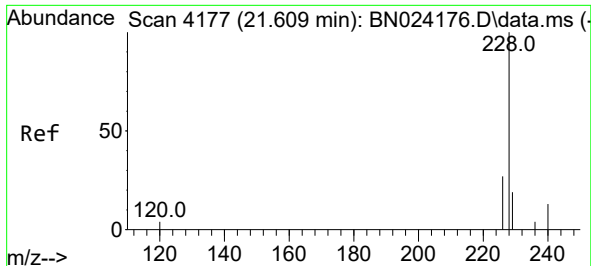
Tgt Ion:202 Resp: 19489
Ion Ratio Lower Upper
202 100
101 12.9 10.4 15.6
100 9.3 7.7 11.5



#20
Pyrene
Concen: 0.279 ng/ul
RT: 19.845 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

Tgt Ion:202 Resp: 20203
Ion Ratio Lower Upper
202 100
101 16.3 12.1 18.1
100 12.9 9.4 14.0

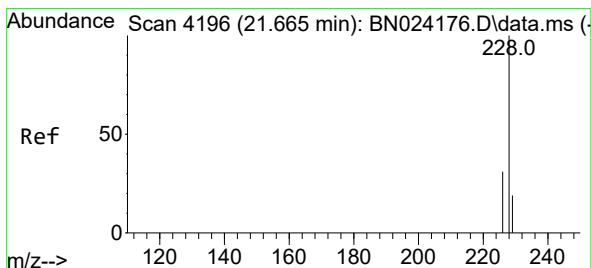
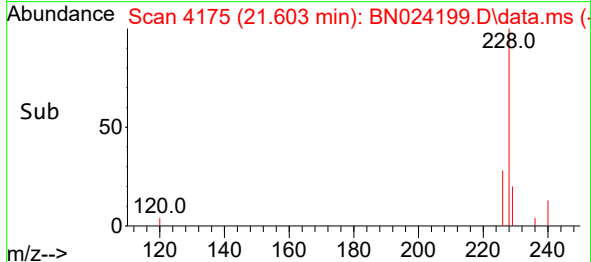
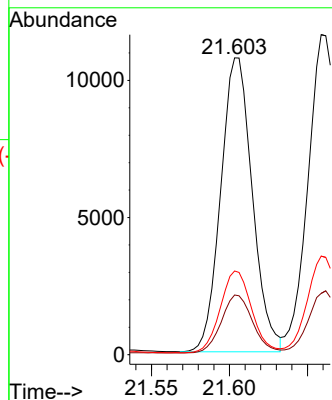
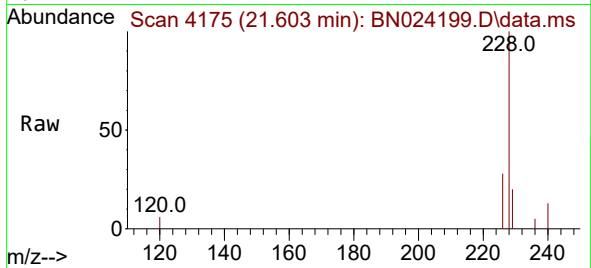




#21
Benzo(a)anthracene
Concen: 0.258 ng/ul
RT: 21.603 min Scan# 4177
Delta R.T. 0.006 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

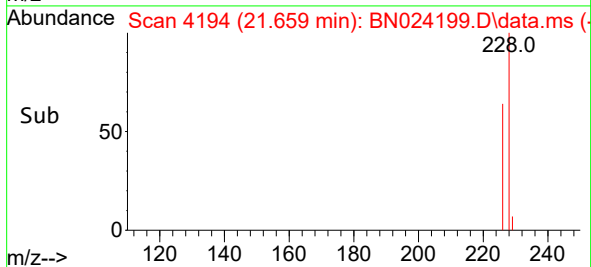
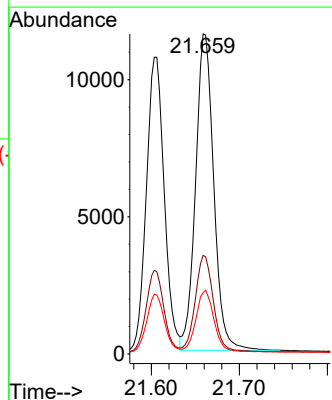
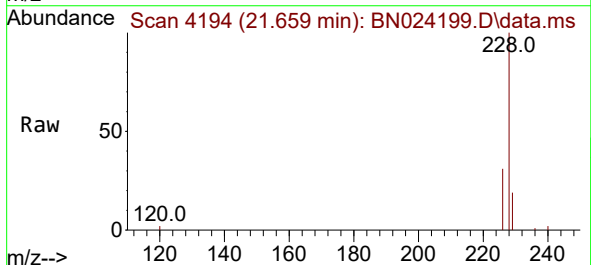
Instrument :
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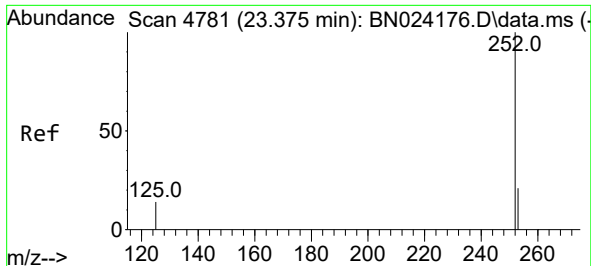
Tgt Ion:228 Resp: 15110
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.6
226 28.2 22.2 33.4



#22
Chrysene
Concen: 0.269 ng/ul
RT: 21.659 min Scan# 4194
Delta R.T. 0.006 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

Tgt Ion:228 Resp: 16599
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 19.2 15.8 23.6

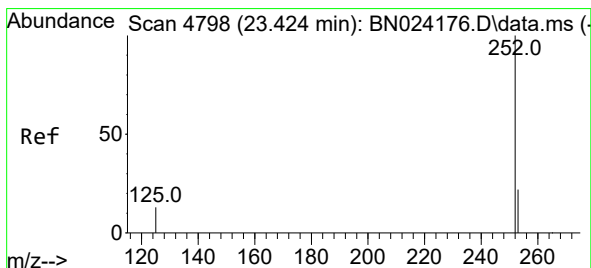
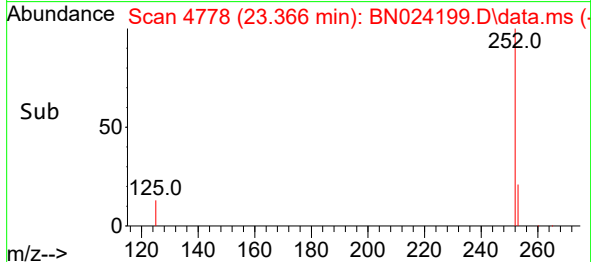
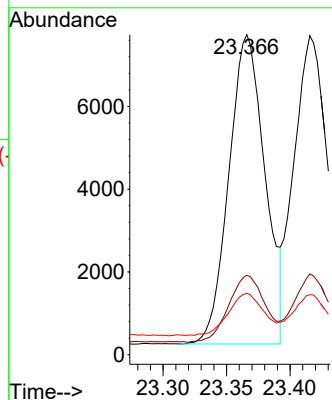
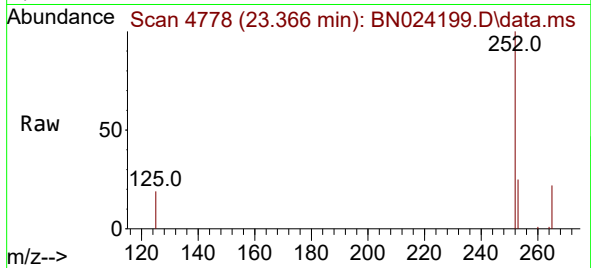




#24
Benzo(b)fluoranthene
Concen: 0.284 ng/ul
RT: 23.366 min Scan# 4778
Delta R.T. 0.020 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

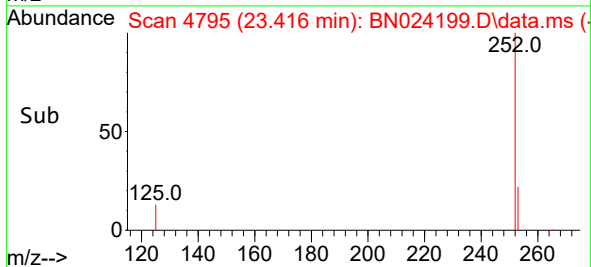
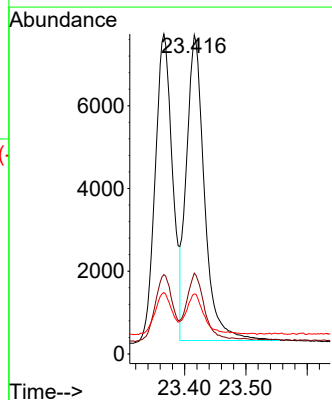
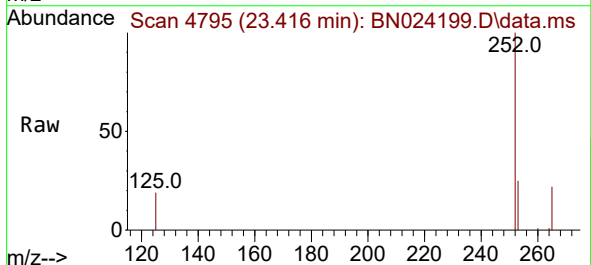
Instrument :
BNA_N
ClientSampleId :
SLCS238

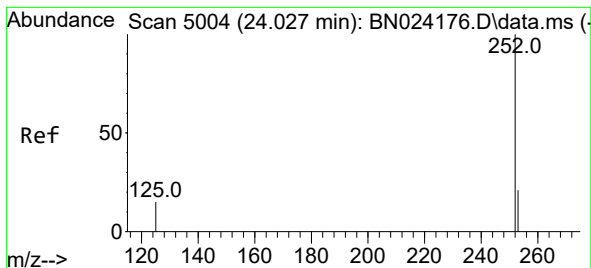
Tgt Ion:252 Resp: 14767
Ion Ratio Lower Upper
252 100
253 24.8 0.0 46.2
125 19.2 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.278 ng/ul
RT: 23.416 min Scan# 4795
Delta R.T. 0.018 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

Tgt Ion:252 Resp: 15046
Ion Ratio Lower Upper
252 100
253 25.3 18.5 27.7
125 18.8 13.2 19.8





#26

Benzo(a)pyrene

Concen: 0.270 ng/ul

RT: 24.018 min Scan# 5001

Delta R.T. 0.015 min

Lab File: BN024199.D

Acq: 09 Mar 2023 14:44

Instrument :

BNA_N

ClientSampleId :

SLCS238

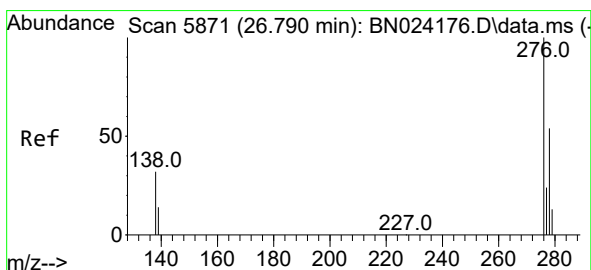
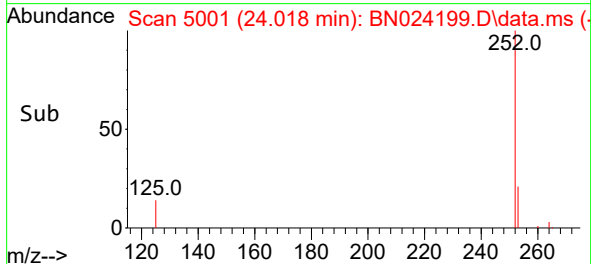
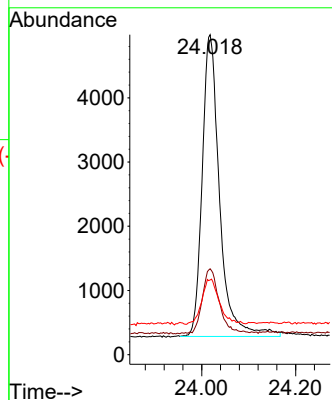
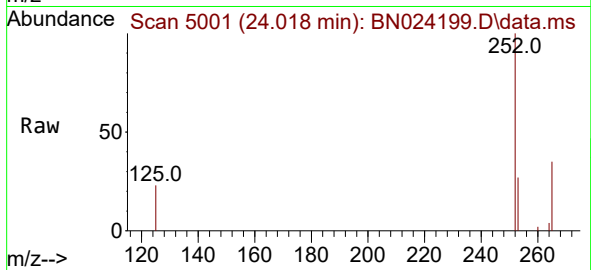
Tgt Ion:252 Resp: 12092

Ion Ratio Lower Upper

252 100

253 26.9 19.2 28.8

125 23.3 15.8 23.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.240 ng/ul

RT: 26.774 min Scan# 5866

Delta R.T. 0.047 min

Lab File: BN024199.D

Acq: 09 Mar 2023 14:44

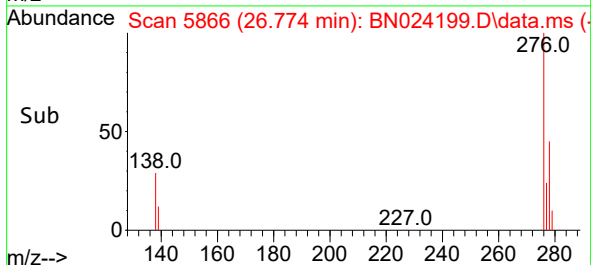
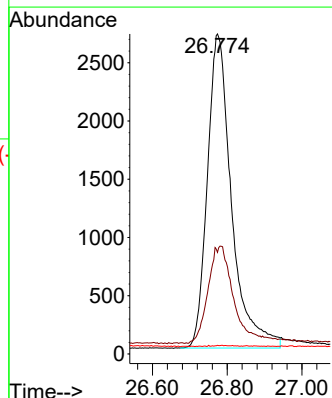
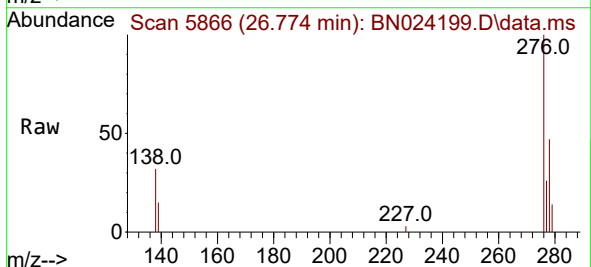
Tgt Ion:276 Resp: 12113

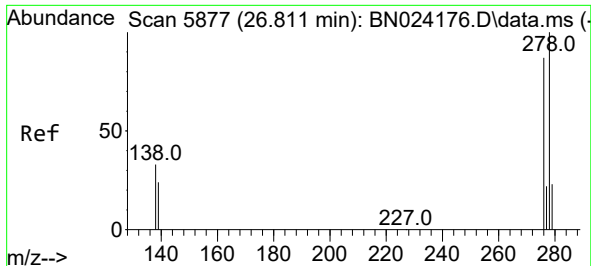
Ion Ratio Lower Upper

276 100

138 33.1 0.0 0.0#

227 0.1 0.0 0.0#

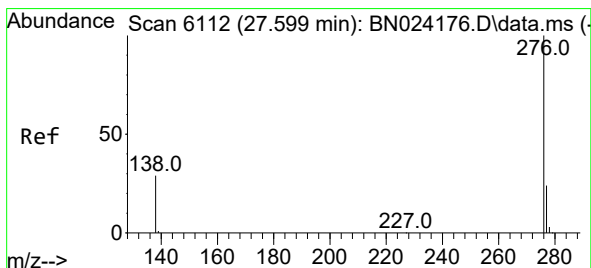
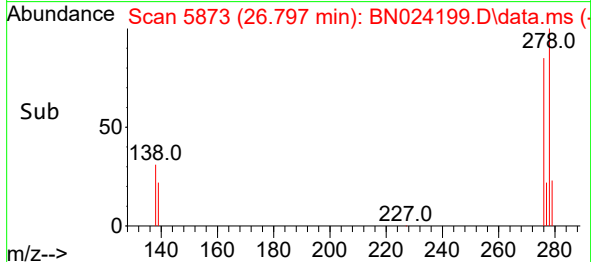
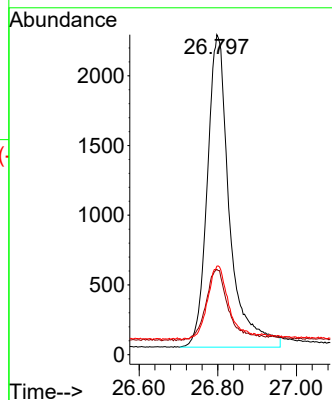
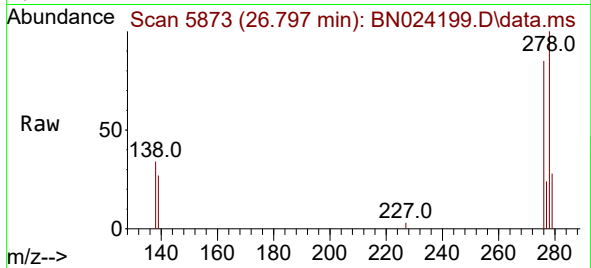




#28
Dibenzo(a,h)anthracene
Concen: 0.229 ng/ul
RT: 26.797 min Scan# 5877
Delta R.T. 0.050 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

Instrument :
BNA_N
ClientSampleId :
SLCS238

Tgt Ion:278 Resp: 8779
Ion Ratio Lower Upper
278 100
139 26.6 21.0 31.6
279 27.7 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.253 ng/ul
RT: 27.586 min Scan# 6108
Delta R.T. 0.054 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

Tgt Ion:276 Resp: 11061
Ion Ratio Lower Upper
276 100
138 31.5 25.2 37.8
277 25.8 19.4 29.2

