

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024205.D
 Acq On : 09 Mar 2023 18:26
 Operator : CG/JU
 Sample : PB151255BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS255

Quant Time: Mar 10 02:24:58 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

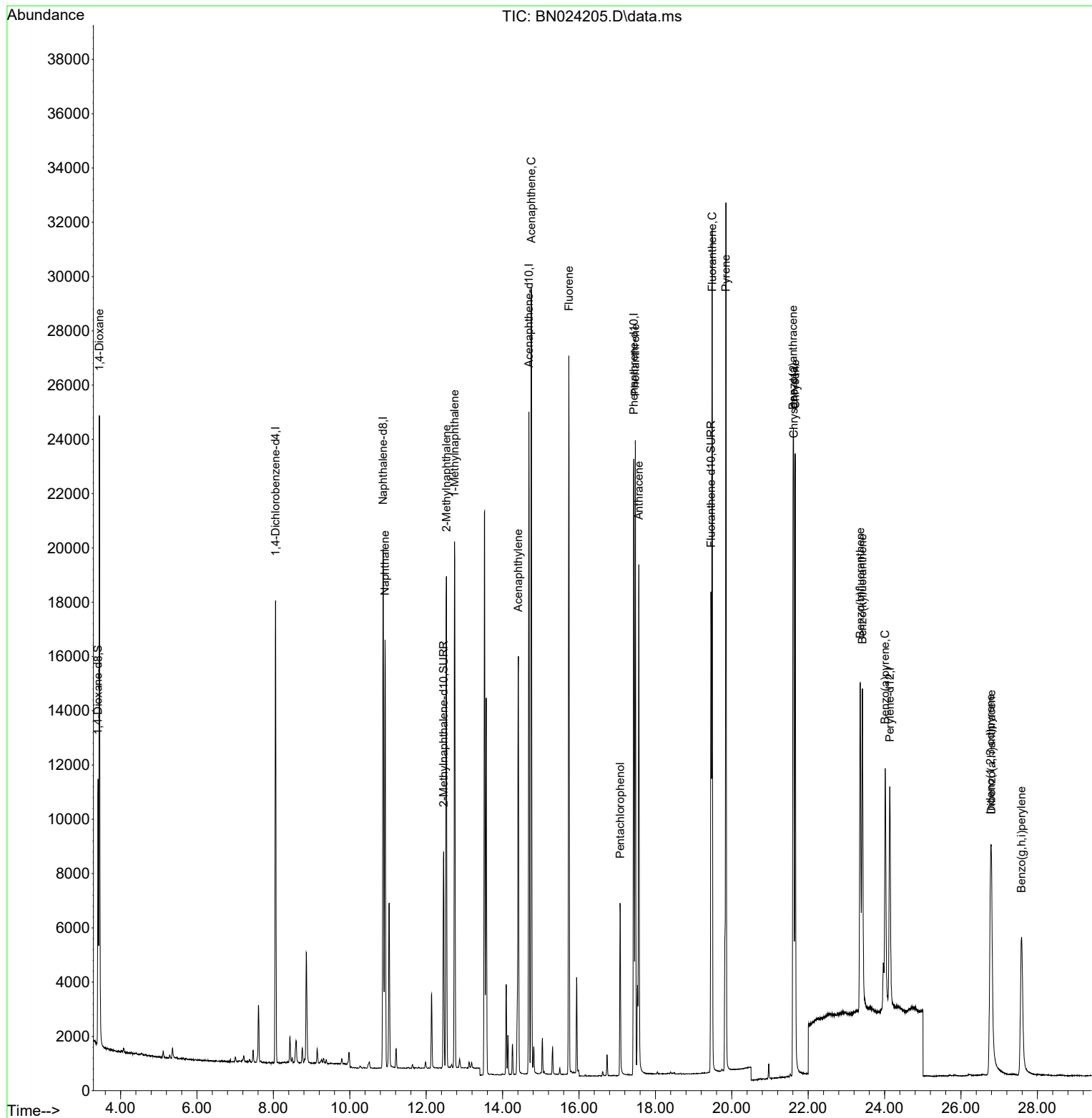
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	8434	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	24477	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	12744	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	25619	0.400	ng/ul	0.00
17) Chrysene-d12	21.621	240	17974	0.400	ng/ul	0.00
23) Perylene-d12	24.135	264	13402	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	5850	0.630	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	10089	0.347	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	17915	0.375	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	14779	1.464	ng/ul	90
5) Naphthalene	10.922	128	21385	0.350	ng/ul	100
7) 2-Methylnaphthalene	12.527	142	12541	0.338	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	13306	0.342	ng/ul	100
10) Acenaphthylene	14.411	152	17456	0.328	ng/ul	100
11) Acenaphthene	14.749	153	16657	0.407	ng/ul	98
12) Fluorene	15.734	166	16115	0.352	ng/ul	99
14) Pentachlorophenol	17.075	266	4246	0.597	ng/ul#	73
15) Phenanthrene	17.472	178	24471	0.333	ng/ul	100
16) Anthracene	17.565	178	20588	0.320	ng/ul	99
19) Fluoranthene	19.487	202	25635	0.358	ng/ul	99
20) Pyrene	19.845	202	26276	0.362	ng/ul	97
21) Benzo(a)anthracene	21.603	228	19166	0.327	ng/ul	99
22) Chrysene	21.659	228	21648	0.349	ng/ul	100
24) Benzo(b)fluoranthene	23.363	252	19348	0.378	ng/ul	97
25) Benzo(k)fluoranthene	23.418	252	18984	0.357	ng/ul	98
26) Benzo(a)pyrene	24.015	252	15422	0.350	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.773	276	15739	0.317	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.797	278	11241	0.298	ng/ul	97
29) Benzo(g,h,i)perylene	27.585	276	14507	0.337	ng/ul	98

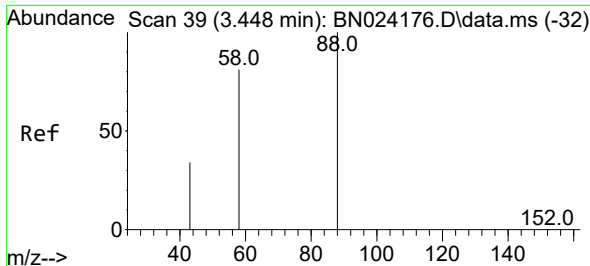
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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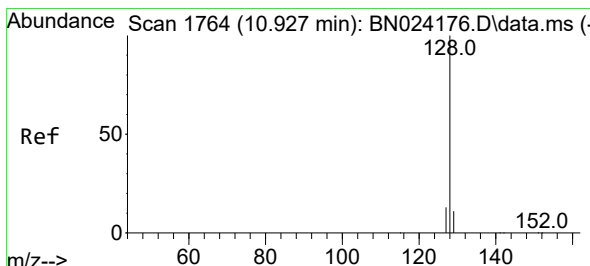
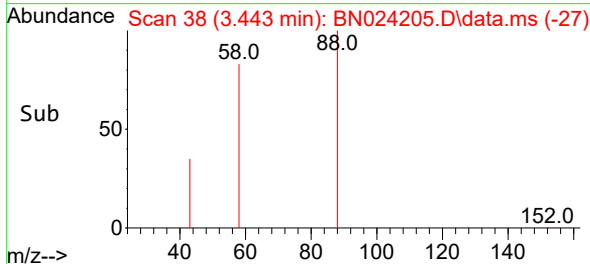
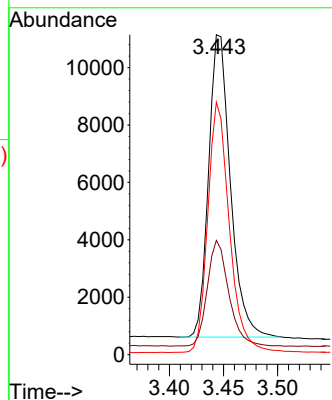
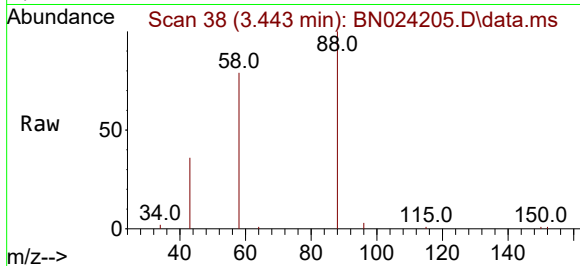




#2
1,4-Dioxane
Concen: 1.464 ng/ul
RT: 3.443 min Scan# 38
Delta R.T. -0.004 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

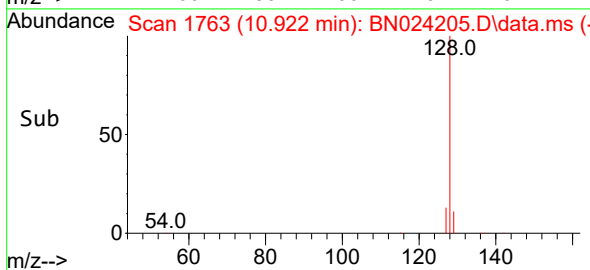
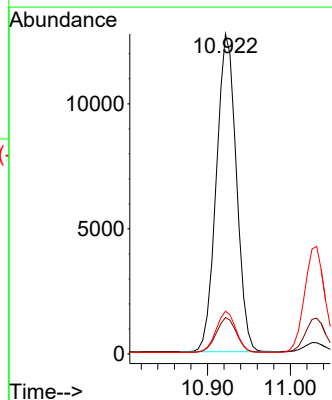
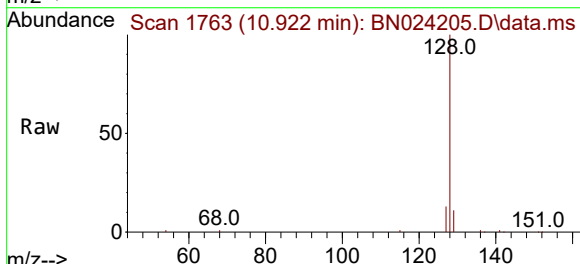
Instrument :
BNA_N
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SLCS255

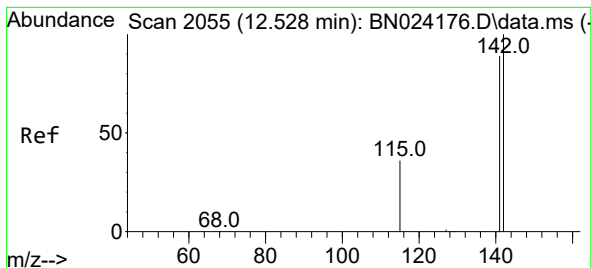
Tgt Ion: 88 Resp: 14779
Ion Ratio Lower Upper
88 100
43 35.7 32.1 48.1
58 78.9 55.1 82.7



#5
Naphthalene
Concen: 0.350 ng/ul
RT: 10.922 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

Tgt Ion: 128 Resp: 21385
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.3 10.5 15.7

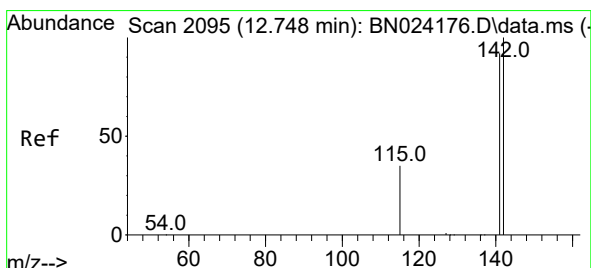
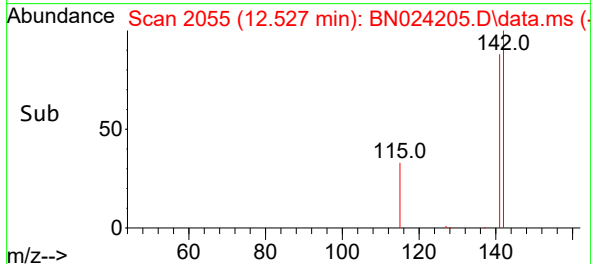
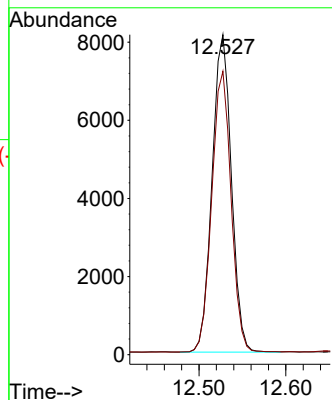
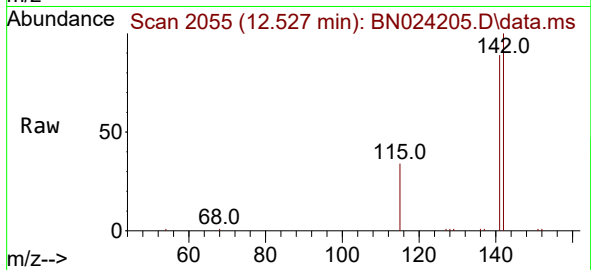




#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.527 min Scan# 2055
Delta R.T. 0.005 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

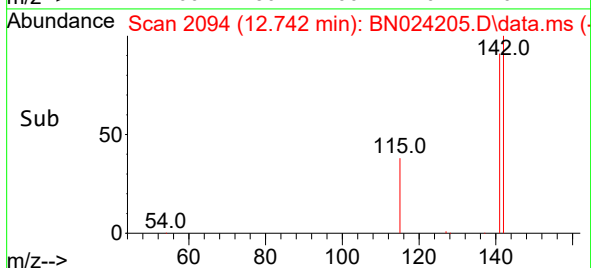
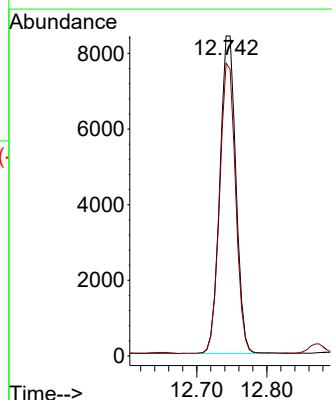
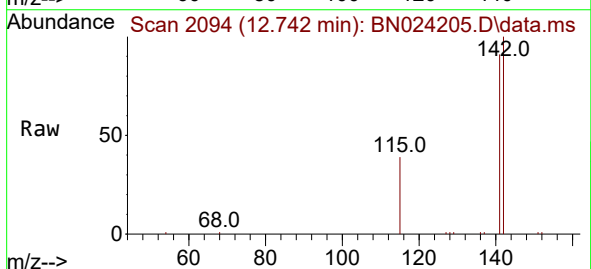
Instrument :
BNA_N
ClientSampleId :
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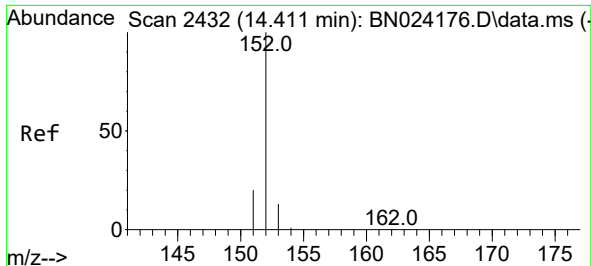
Tgt Ion:142 Resp: 12541
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

Tgt Ion:142 Resp: 13306
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.6

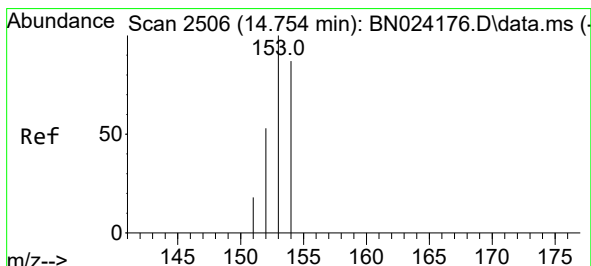
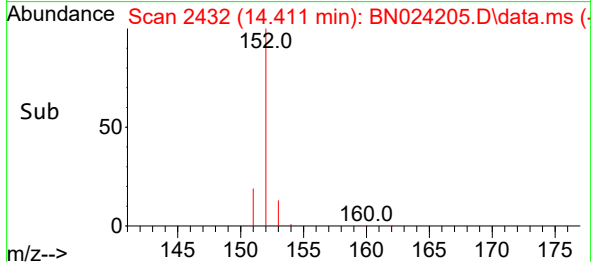
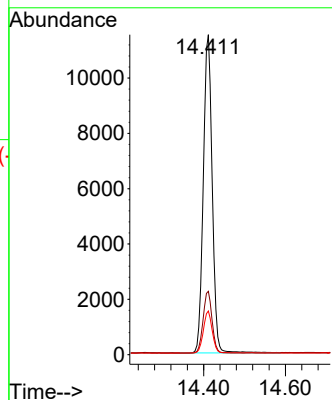
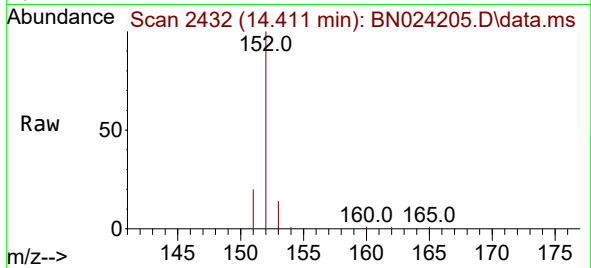




#10
Acenaphthylene
Concen: 0.328 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

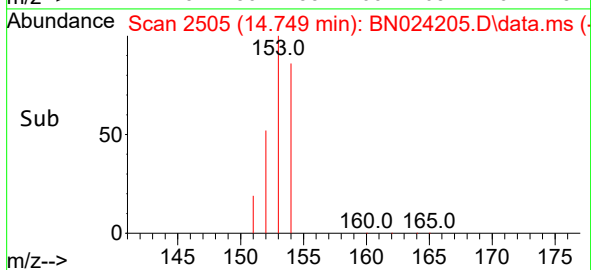
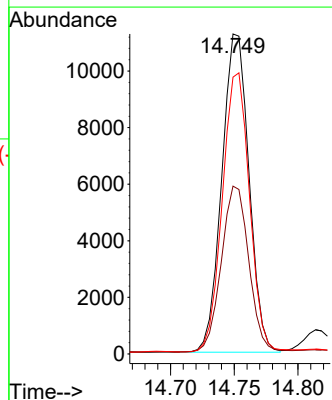
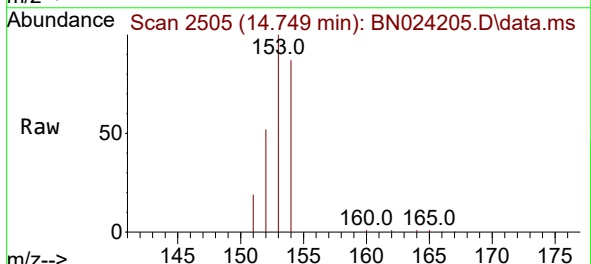
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BNA_N
ClientSampleId :
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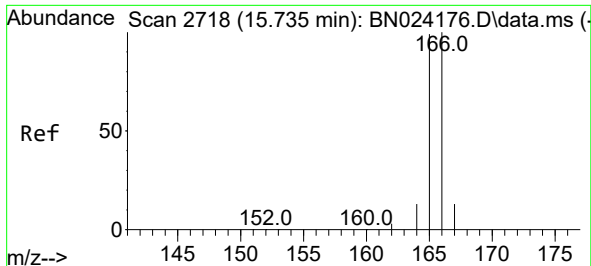
Tgt Ion:152 Resp: 17456
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.7 10.6 16.0



#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.749 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

Tgt Ion:153 Resp: 16657
Ion Ratio Lower Upper
153 100
152 52.5 42.6 64.0
154 86.5 70.6 105.8

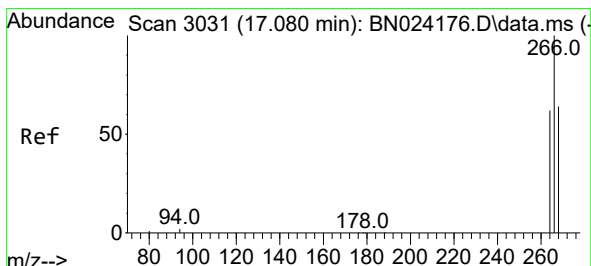
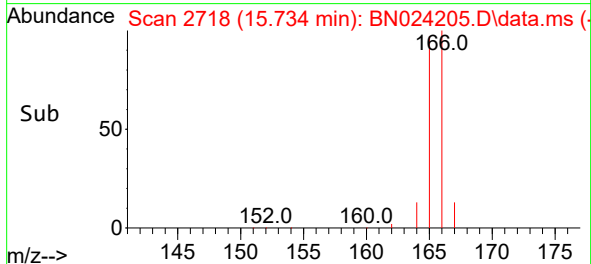
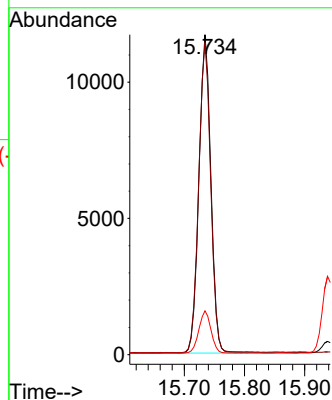
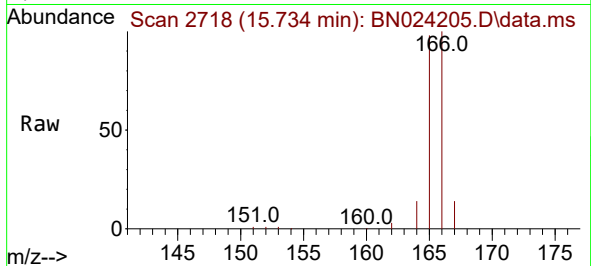




#12
Fluorene
Concen: 0.352 ng/ul
RT: 15.734 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

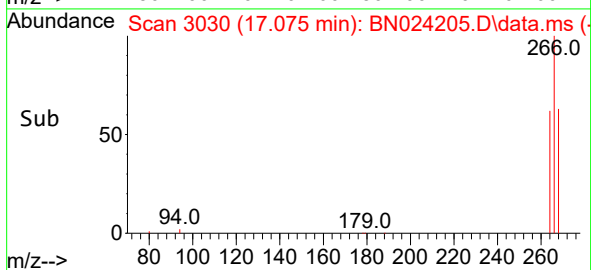
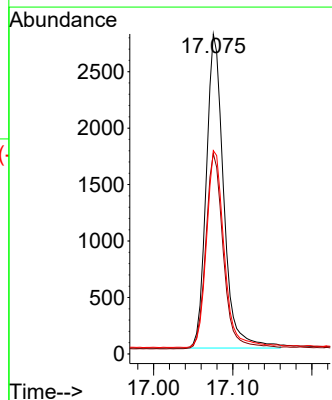
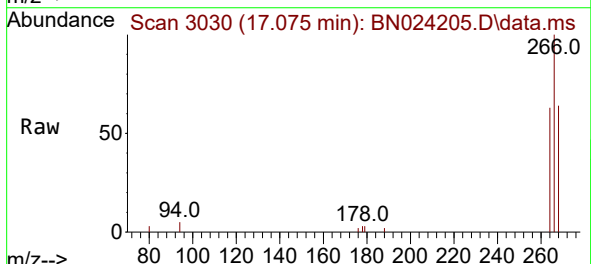
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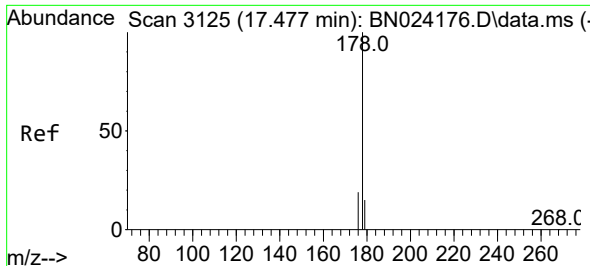
Tgt Ion:166 Resp: 16115
Ion Ratio Lower Upper
166 100
165 97.6 77.4 116.0
167 13.7 10.9 16.3



#14
Pentachlorophenol
Concen: 0.597 ng/ul
RT: 17.075 min Scan# 3030
Delta R.T. -0.000 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

Tgt Ion:266 Resp: 4246
Ion Ratio Lower Upper
266 100
264 62.8 0.0 0.0#
268 63.9 0.1 0.1#

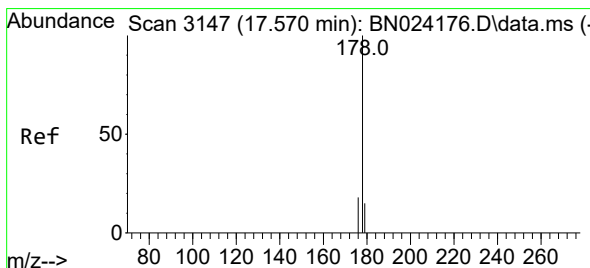
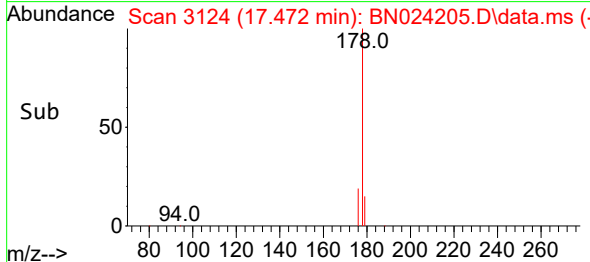
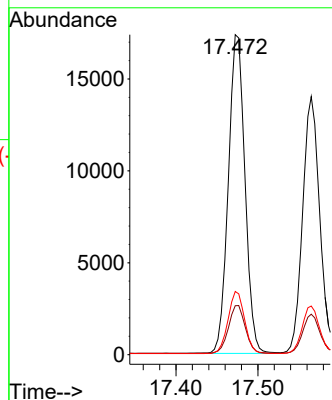
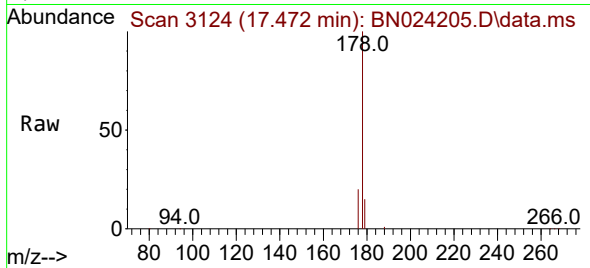




#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 17.472 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

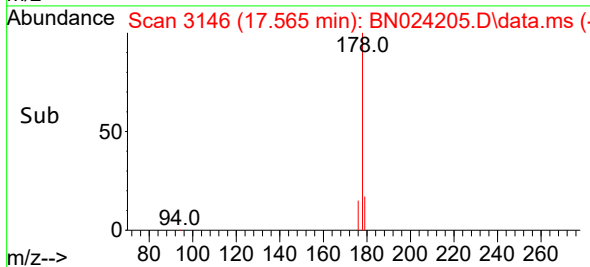
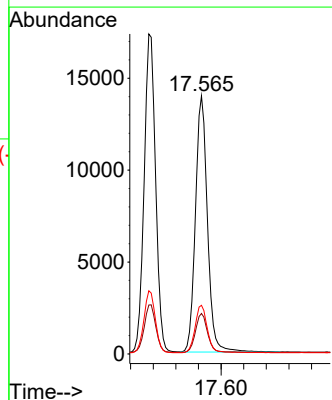
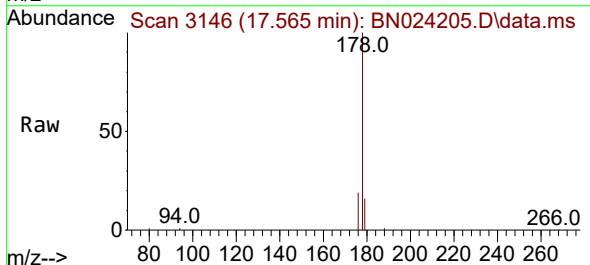
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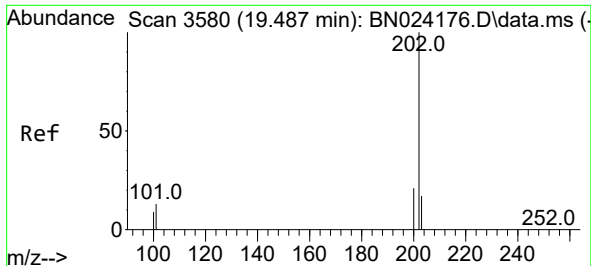
Tgt Ion:178 Resp: 24471
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.7 15.7 23.5



#16
Anthracene
Concen: 0.320 ng/ul
RT: 17.565 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

Tgt Ion:178 Resp: 20588
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 18.8 15.3 22.9

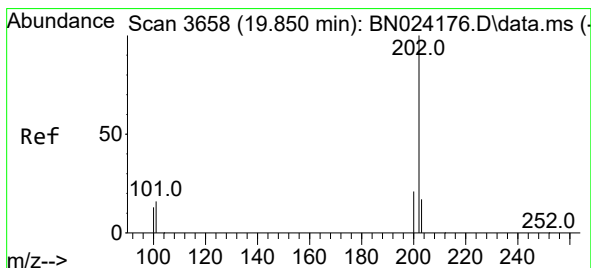
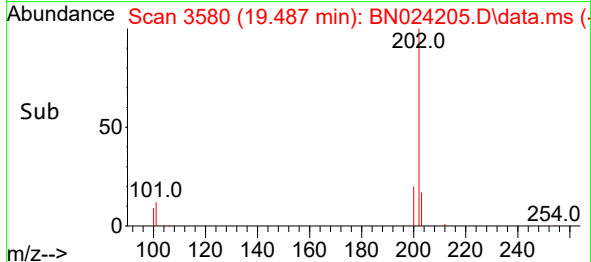
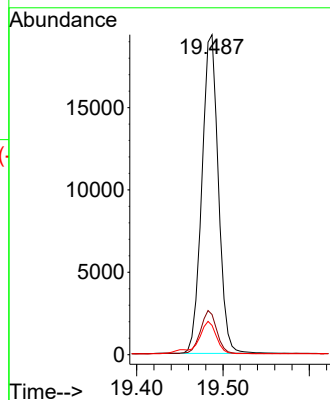
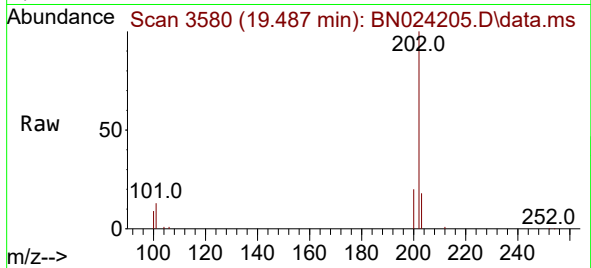




#19
Fluoranthene
Concen: 0.358 ng/ul
RT: 19.487 min Scan# 3580
Delta R.T. 0.005 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

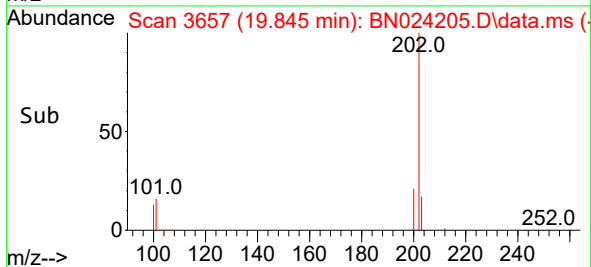
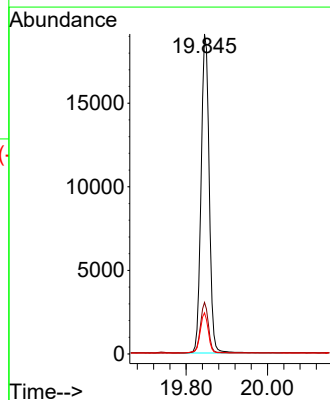
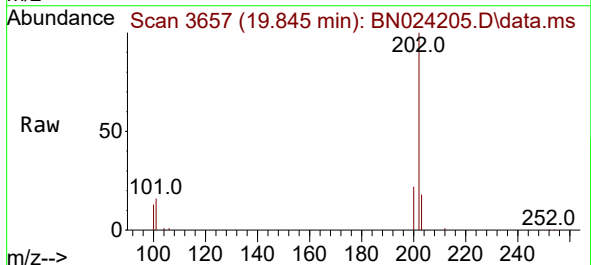
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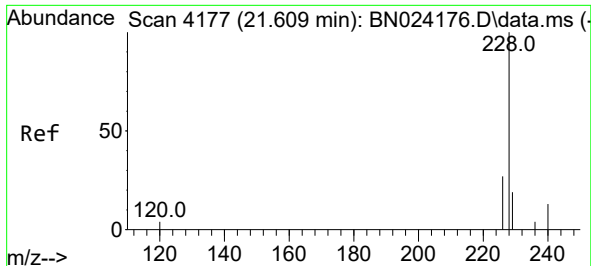
Tgt Ion:202 Resp: 25635
Ion Ratio Lower Upper
202 100
101 12.5 10.4 15.6
100 9.2 7.7 11.5



#20
Pyrene
Concen: 0.362 ng/ul
RT: 19.845 min Scan# 3657
Delta R.T. -0.000 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

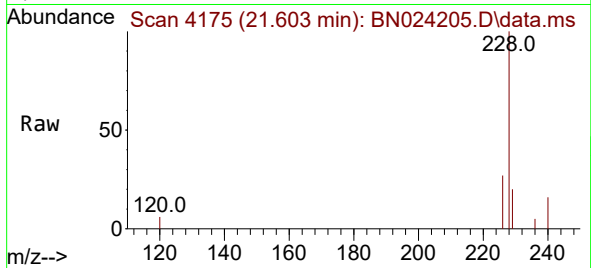
Tgt Ion:202 Resp: 26276
Ion Ratio Lower Upper
202 100
101 16.1 12.1 18.1
100 12.8 9.4 14.0



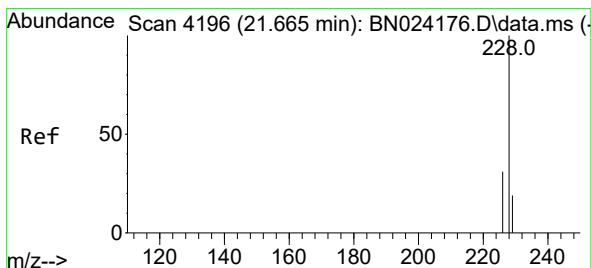
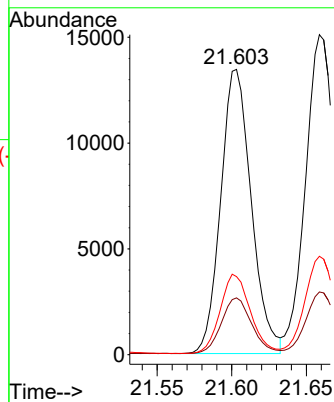
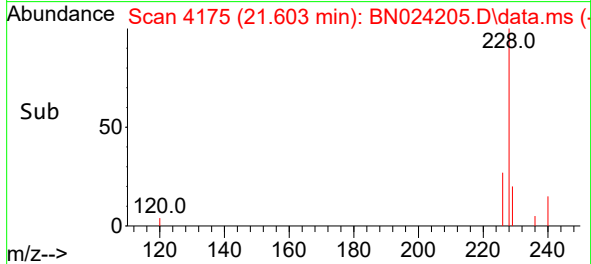


#21
Benzo(a)anthracene
Concen: 0.327 ng/ul
RT: 21.603 min Scan# 4175
Delta R.T. 0.006 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

Instrument :
BNA_N
ClientSampleId :
SLCS255

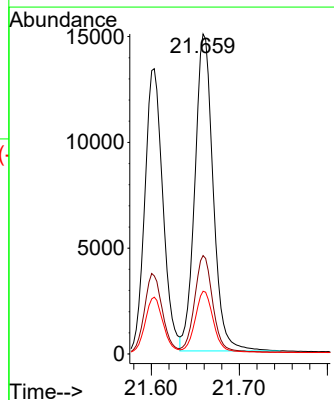
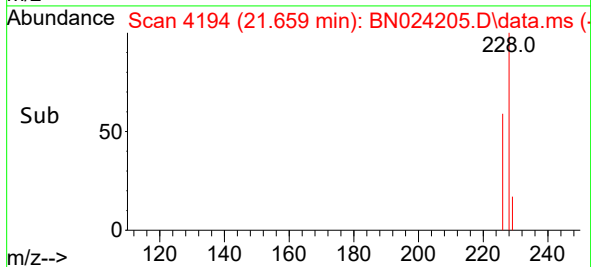
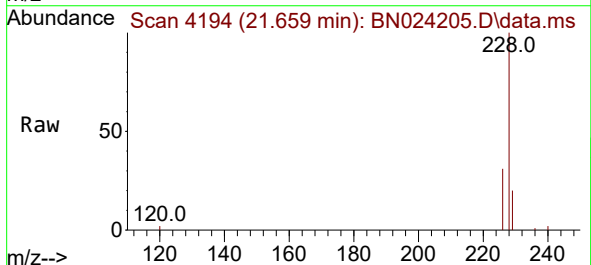


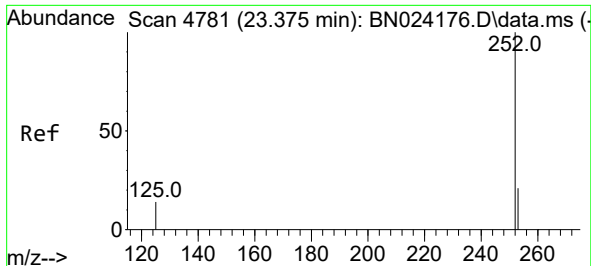
Tgt Ion:228 Resp: 19166
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.6
226 27.3 22.2 33.4



#22
Chrysene
Concen: 0.349 ng/ul
RT: 21.659 min Scan# 4194
Delta R.T. 0.006 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

Tgt Ion:228 Resp: 21648
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 19.6 15.8 23.6

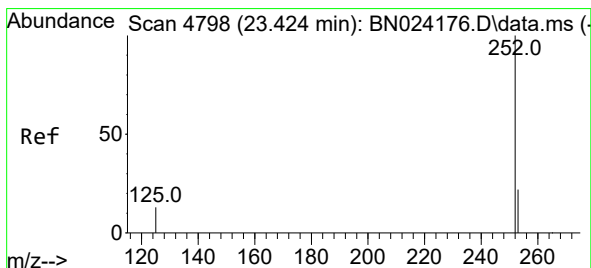
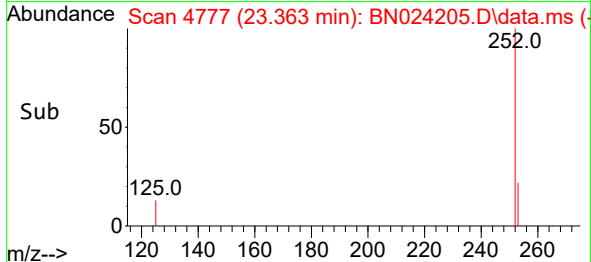
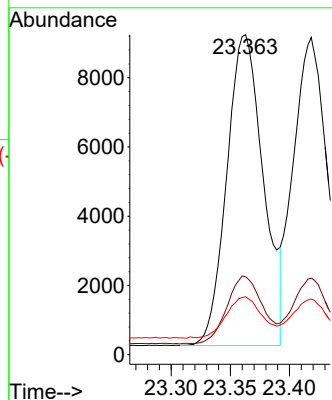
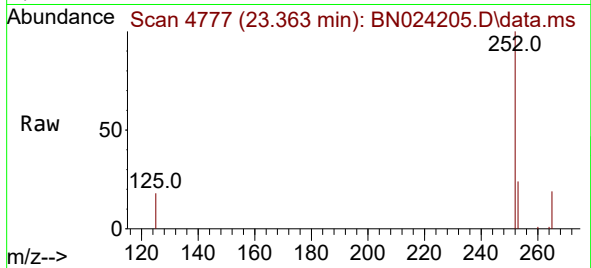




#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul
RT: 23.363 min Scan# 4777
Delta R.T. 0.018 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

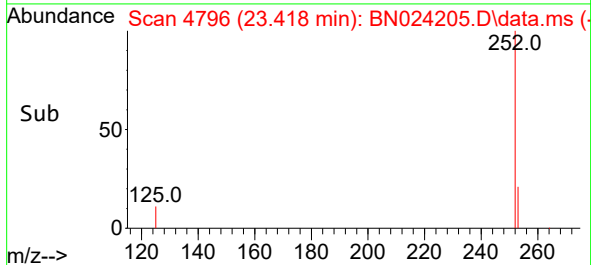
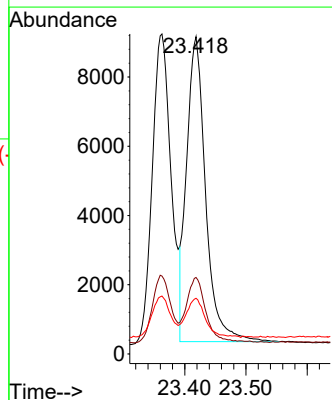
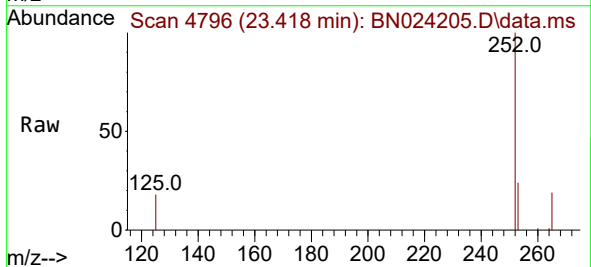
Instrument :
BNA_N
ClientSampleId :
SLCS255

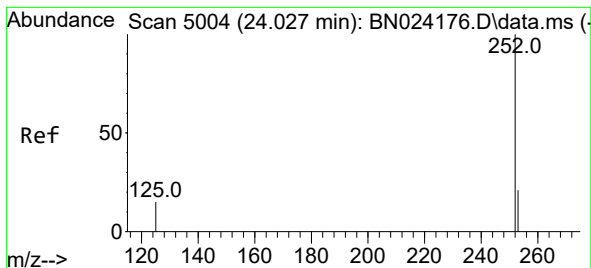
Tgt Ion:252 Resp: 19348
Ion Ratio Lower Upper
252 100
253 24.3 0.0 46.2
125 18.1 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.357 ng/ul
RT: 23.418 min Scan# 4796
Delta R.T. 0.020 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

Tgt Ion:252 Resp: 18984
Ion Ratio Lower Upper
252 100
253 24.1 18.5 27.7
125 17.5 13.2 19.8





#26

Benzo(a)pyrene

Concen: 0.350 ng/ul

RT: 24.015 min Scan# 5000

Delta R.T. 0.012 min

Lab File: BN024205.D

Acq: 09 Mar 2023 18:26

Instrument :

BNA_N

ClientSampleId :

SLCS255

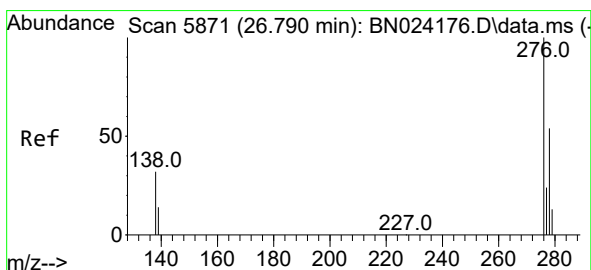
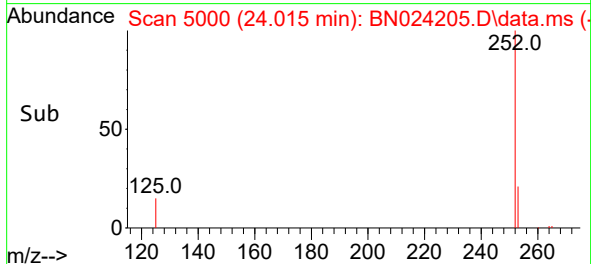
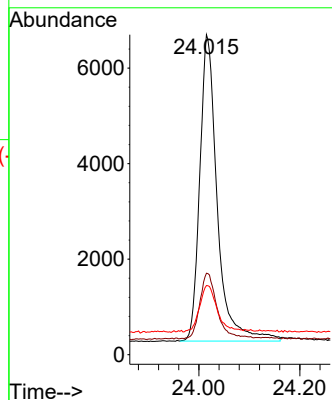
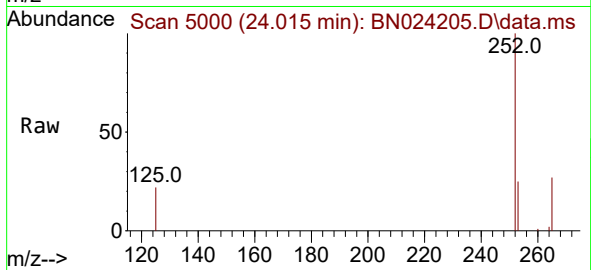
Tgt Ion:252 Resp: 15422

Ion Ratio Lower Upper

252 100

253 25.5 19.2 28.8

125 21.6 15.8 23.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.317 ng/ul

RT: 26.773 min Scan# 5866

Delta R.T. 0.046 min

Lab File: BN024205.D

Acq: 09 Mar 2023 18:26

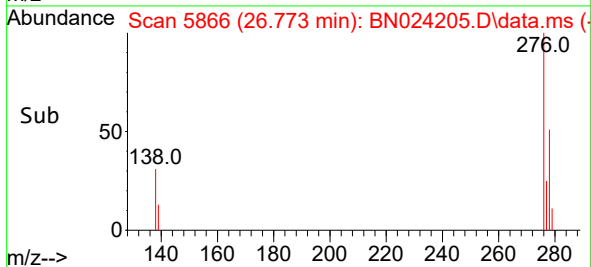
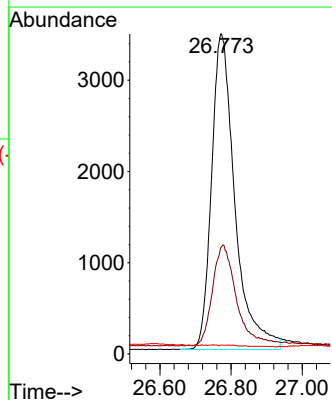
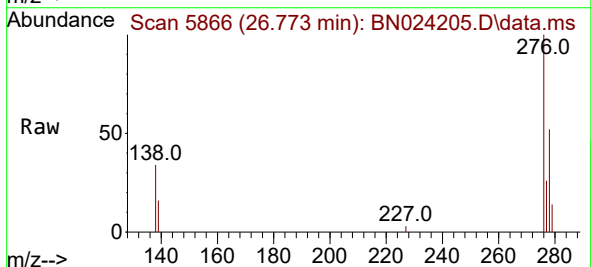
Tgt Ion:276 Resp: 15739

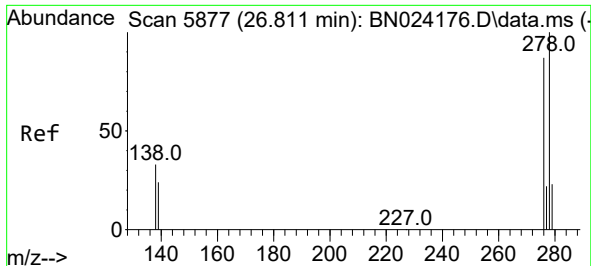
Ion Ratio Lower Upper

276 100

138 32.9 0.0 0.0#

227 0.0 0.0 0.0

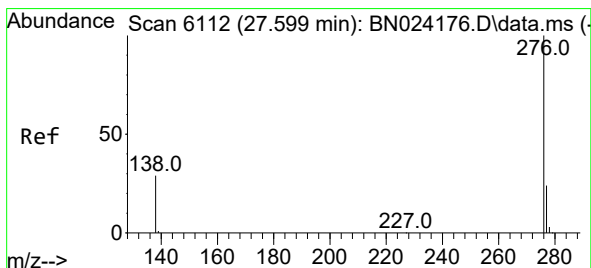
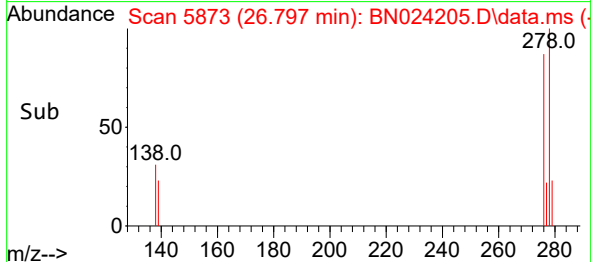
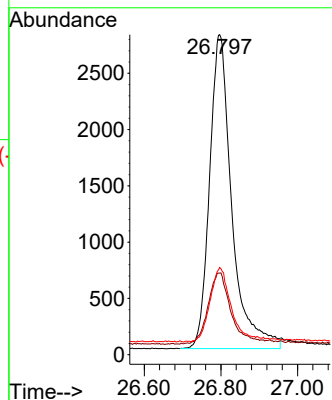
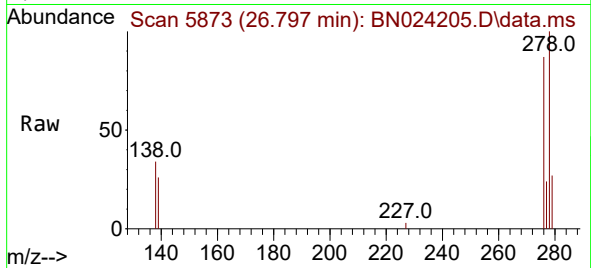




#28
Dibenzo(a,h)anthracene
Concen: 0.298 ng/ul
RT: 26.797 min Scan# 5873
Delta R.T. 0.050 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

Instrument :
BNA_N
ClientSampleId :
SLCS255

Tgt Ion:278 Resp: 11241
Ion Ratio Lower Upper
278 100
139 25.5 21.0 31.6
279 27.3 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.337 ng/ul
RT: 27.585 min Scan# 6108
Delta R.T. 0.053 min
Lab File: BN024205.D
Acq: 09 Mar 2023 18:26

Tgt Ion:276 Resp: 14507
Ion Ratio Lower Upper
276 100
138 30.8 25.2 37.8
277 25.5 19.4 29.2

