

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024405.D
 Acq On : 20 Mar 2023 11:08
 Operator : CG/JU
 Sample : PB151451BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS451

Quant Time: Mar 21 02:14:23 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 : Tue Mar 21 02:12:19 2023
 Response via : Initial Calibration

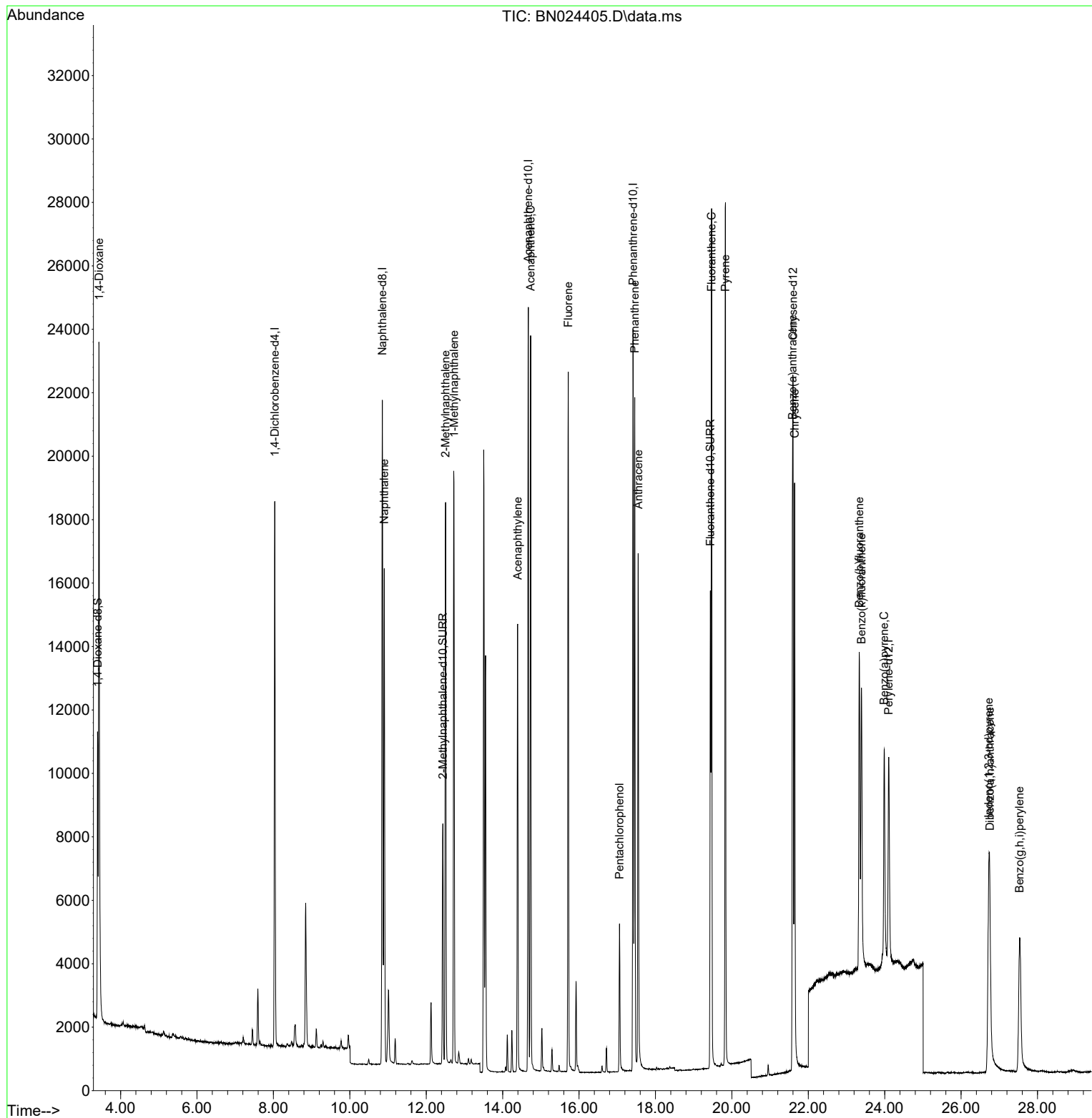
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	8679	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	26909	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.670	164	12798	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	25290	0.400	ng/ul	0.00
17) Chrysene-d12	21.600	240	15954	0.400	ng/ul	# 0.00
23) Perylene-d12	24.103	264	10476	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	5789	0.606	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	9457	0.296	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	15014	0.354	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	14957	1.440	ng/ul	90
5) Naphthalene	10.900	128	21257	0.316	ng/ul	100
7) 2-Methylnaphthalene	12.506	142	12249	0.301	ng/ul	98
8) 1-Methylnaphthalene	12.726	142	12780	0.298	ng/ul	99
10) Acenaphthylene	14.393	152	16487	0.309	ng/ul	99
11) Acenaphthene	14.731	153	12887	0.313	ng/ul	98
12) Fluorene	15.716	166	13907	0.303	ng/ul	97
14) Pentachlorophenol	17.059	266	3138	0.447	ng/ul#	73
15) Phenanthrene	17.456	178	22412	0.309	ng/ul	100
16) Anthracene	17.548	178	18487	0.291	ng/ul	99
19) Fluoranthene	19.469	202	22664	0.357	ng/ul	96
20) Pyrene	19.831	202	22320	0.346	ng/ul	95
21) Benzo(a)anthracene	21.586	228	15505	0.298	ng/ul	100
22) Chrysene	21.641	228	17674	0.321	ng/ul	100
24) Benzo(b)fluoranthene	23.334	252	14796	0.370	ng/ul	89
25) Benzo(k)fluoranthene	23.392	252	14913	0.359	ng/ul#	89
26) Benzo(a)pyrene	23.989	252	11601	0.337	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.723	276	12230	0.315	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.750	278	8923	0.303	ng/ul	93
29) Benzo(g,h,i)perylene	27.532	276	11440	0.340	ng/ul	95

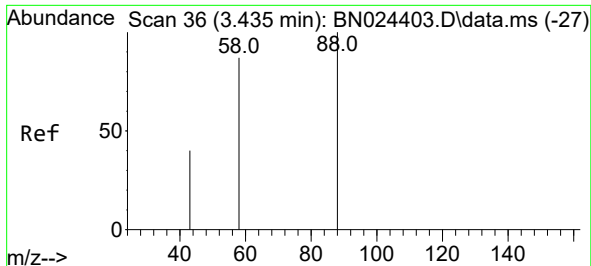
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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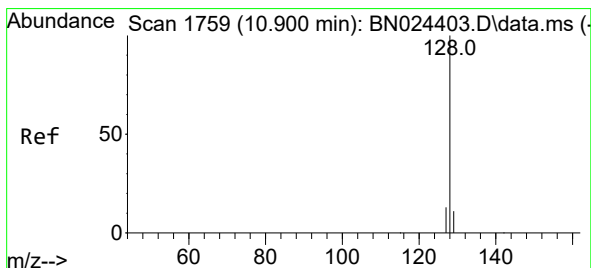
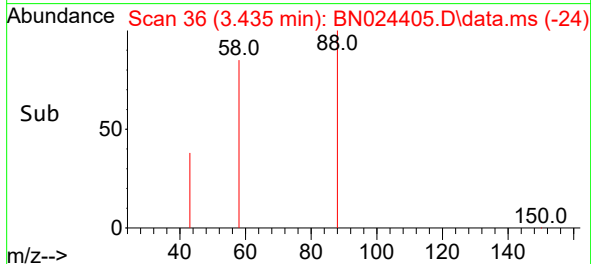
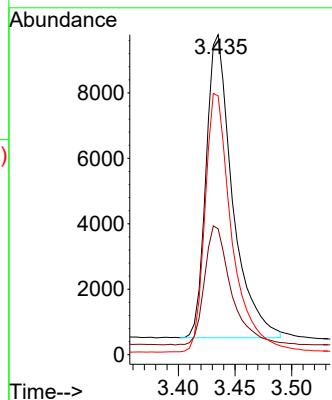
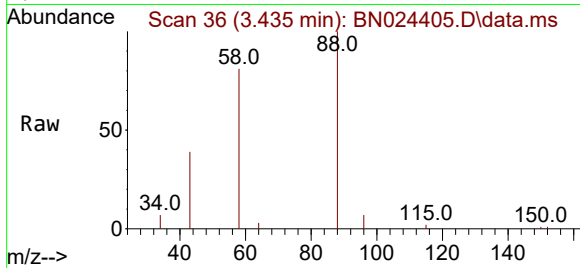




#2
1,4-Dioxane
Concen: 1.440 ng/ul
RT: 3.435 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

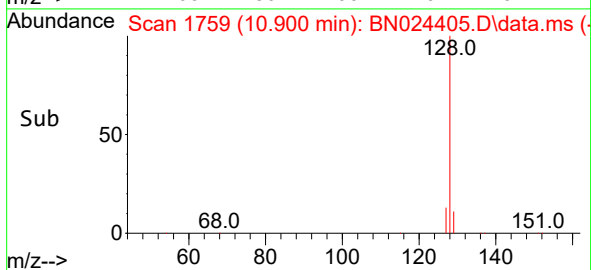
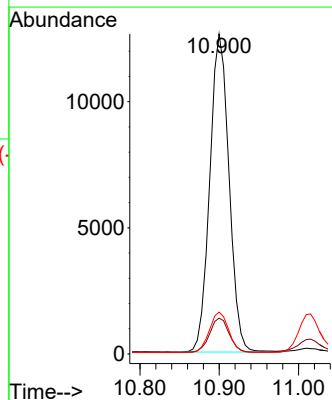
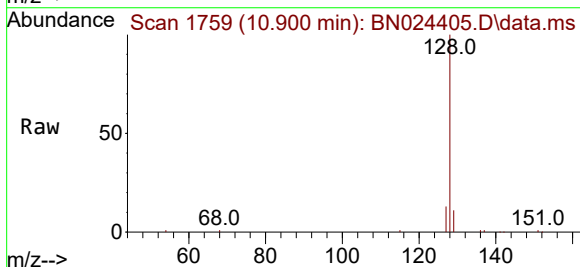
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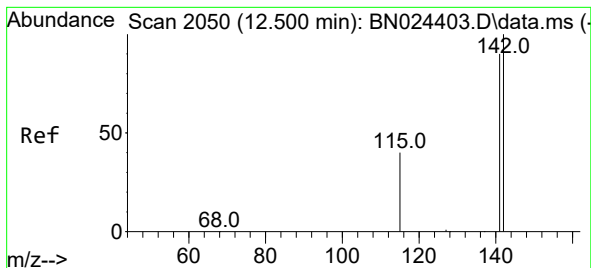
Tgt Ion: 88 Resp: 14957
Ion Ratio Lower Upper
88 100
43 39.3 32.1 48.1
58 80.9 55.1 82.7



#5
Naphthalene
Concen: 0.316 ng/ul
RT: 10.900 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

Tgt Ion:128 Resp: 21257
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.1 10.5 15.7

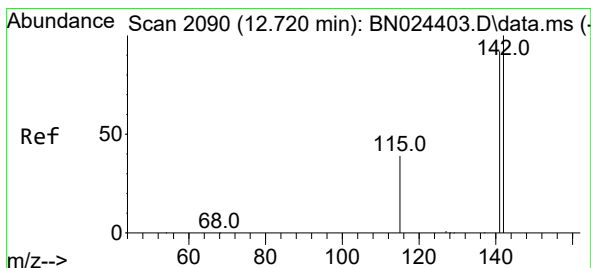
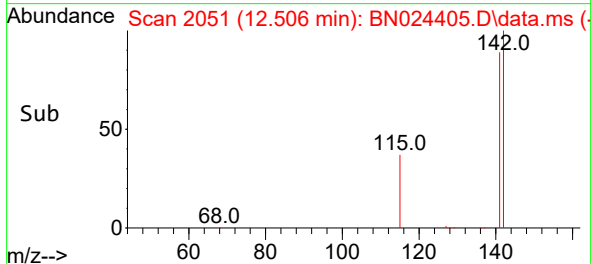
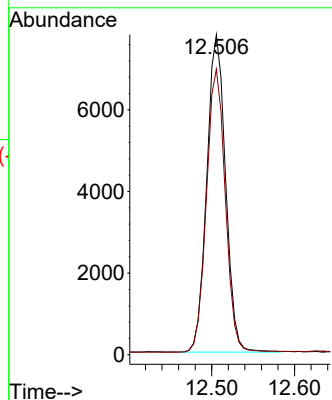
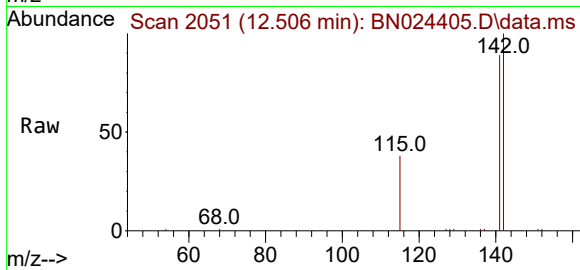




#7
2-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.506 min Scan# 2051
Delta R.T. 0.006 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

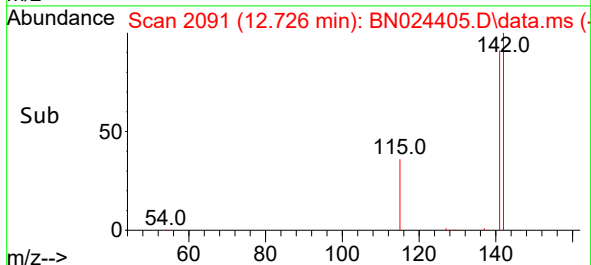
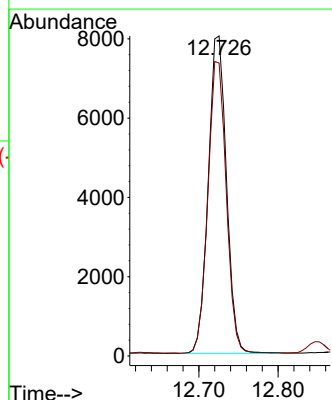
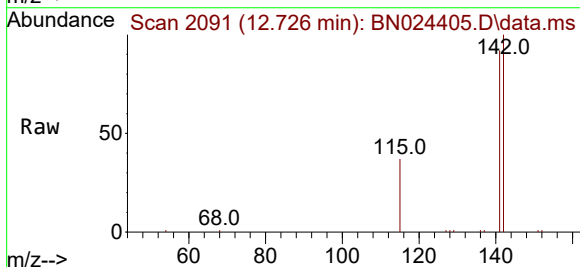
Instrument :
BNA_N
ClientSampleId :
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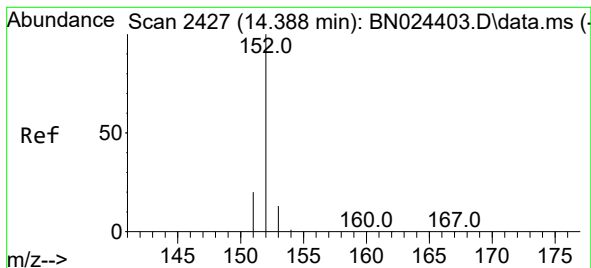
Tgt Ion:142 Resp: 12249
Ion Ratio Lower Upper
142 100
141 89.6 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.726 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

Tgt Ion:142 Resp: 12780
Ion Ratio Lower Upper
142 100
141 92.6 73.0 109.6





#10

Acenaphthylene

Concen: 0.309 ng/ul

RT: 14.393 min Scan# 2427

Delta R.T. 0.005 min

Lab File: BN024405.D

Acq: 20 Mar 2023 11:08

Instrument :

BNA_N

ClientSampleId :

SLCS451

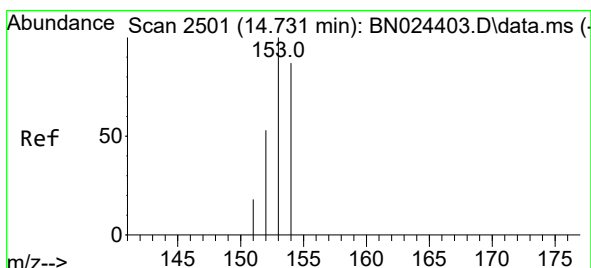
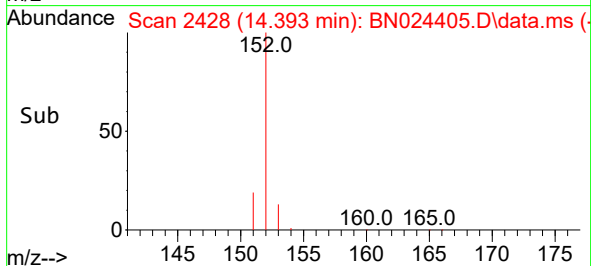
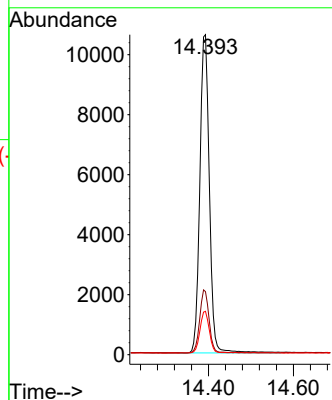
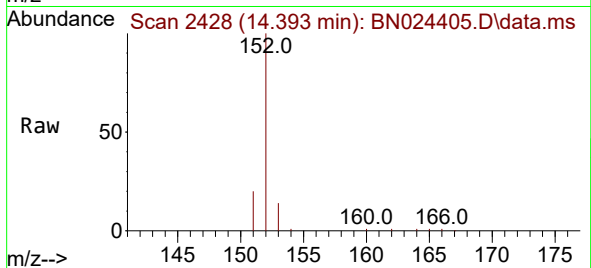
Tgt Ion:152 Resp: 16487

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 13.6 10.6 16.0



#11

Acenaphthene

Concen: 0.313 ng/ul

RT: 14.731 min Scan# 2501

Delta R.T. 0.000 min

Lab File: BN024405.D

Acq: 20 Mar 2023 11:08

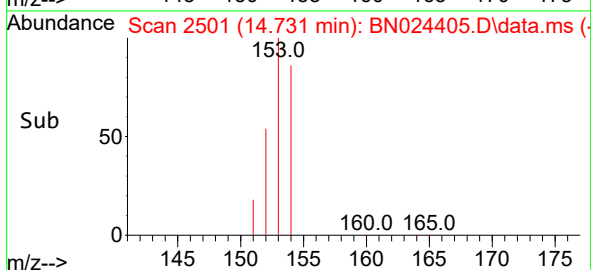
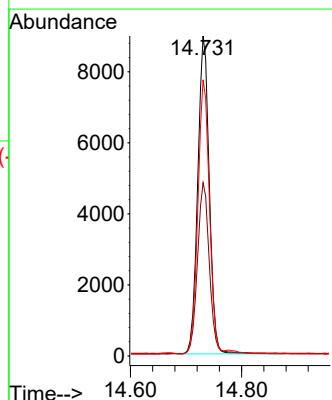
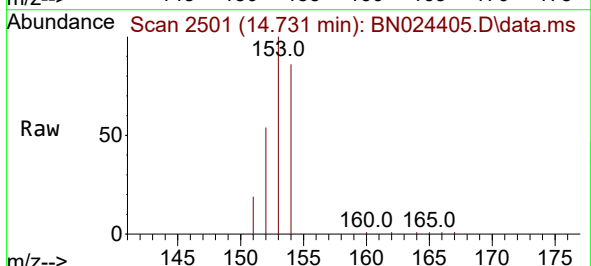
Tgt Ion:153 Resp: 12887

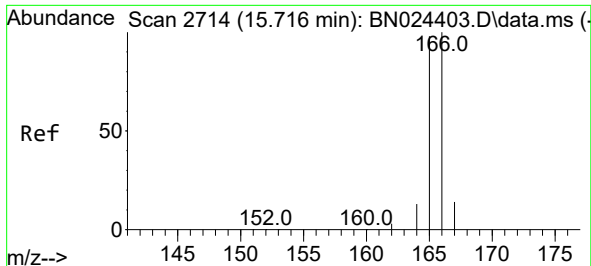
Ion Ratio Lower Upper

153 100

152 54.1 42.6 64.0

154 86.3 70.6 105.8

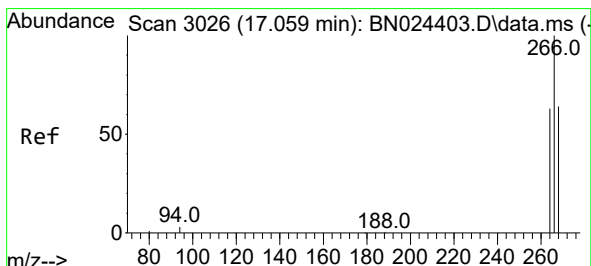
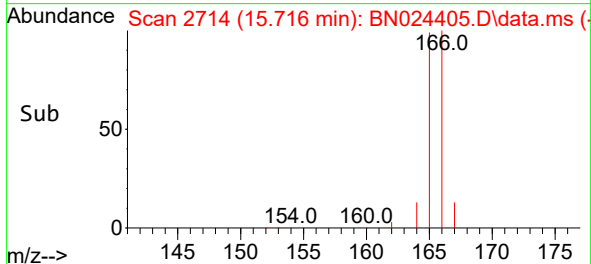
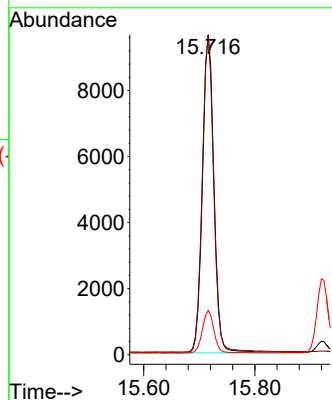
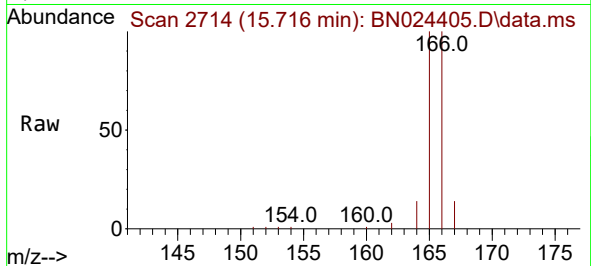




#12
Fluorene
Concen: 0.303 ng/ul
RT: 15.716 min Scan# 2714
Delta R.T. 0.000 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

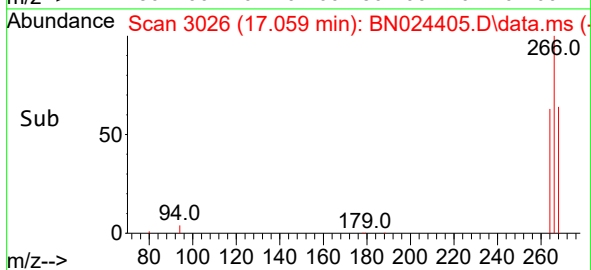
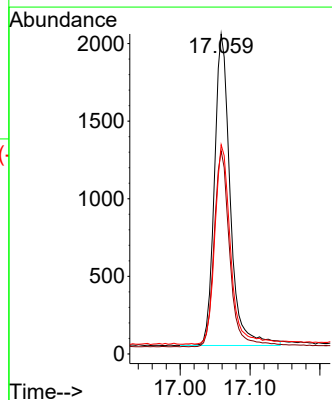
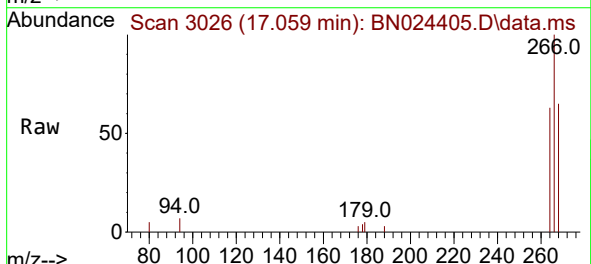
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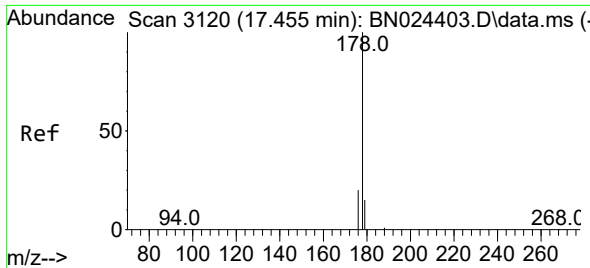
Tgt Ion:166 Resp: 13907
Ion Ratio Lower Upper
166 100
165 99.8 77.4 116.0
167 13.8 10.9 16.3



#14
Pentachlorophenol
Concen: 0.447 ng/ul
RT: 17.059 min Scan# 3026
Delta R.T. 0.000 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

Tgt Ion:266 Resp: 3138
Ion Ratio Lower Upper
266 100
264 62.6 0.0 0.0#
268 64.1 0.1 0.1#

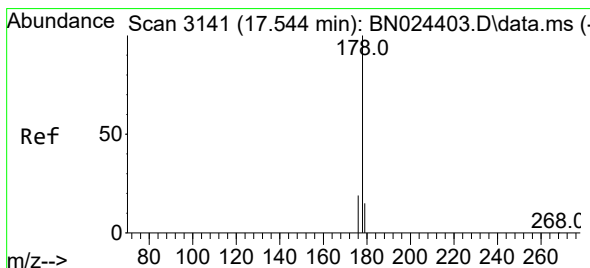
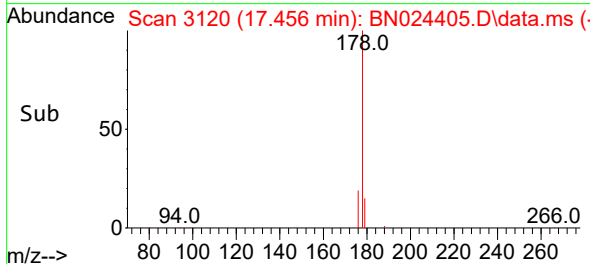
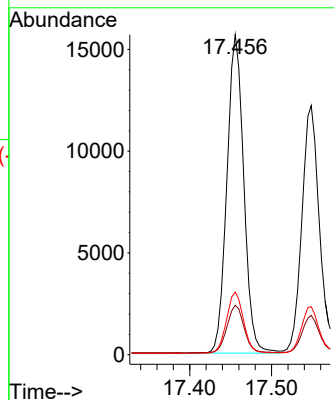
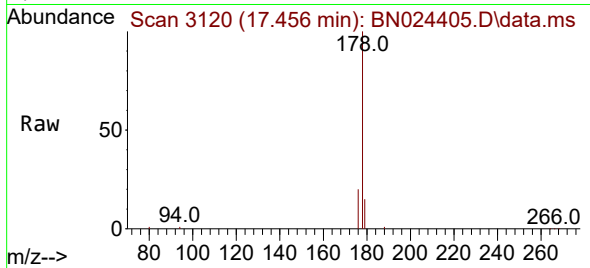




#15
Phenanthrene
Concen: 0.309 ng/ul
RT: 17.456 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

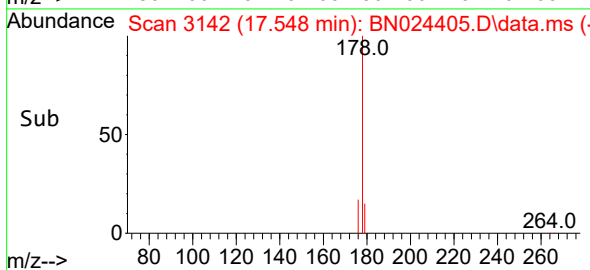
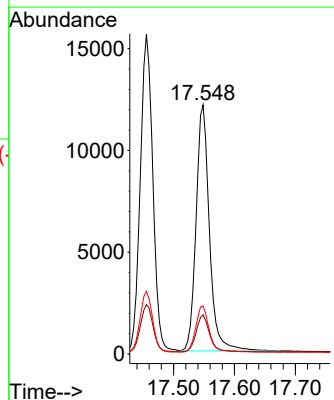
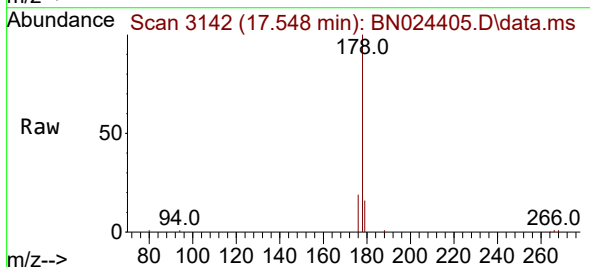
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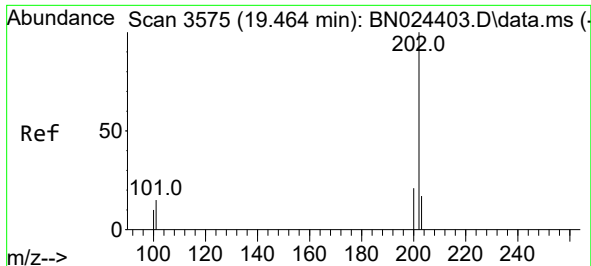
Tgt Ion:178 Resp: 22412
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.6 15.7 23.5



#16
Anthracene
Concen: 0.291 ng/ul
RT: 17.548 min Scan# 3142
Delta R.T. 0.004 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

Tgt Ion:178 Resp: 18487
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.2 15.3 22.9

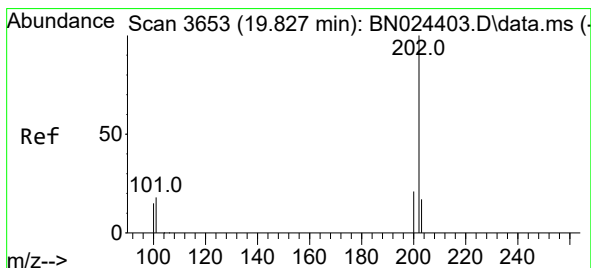
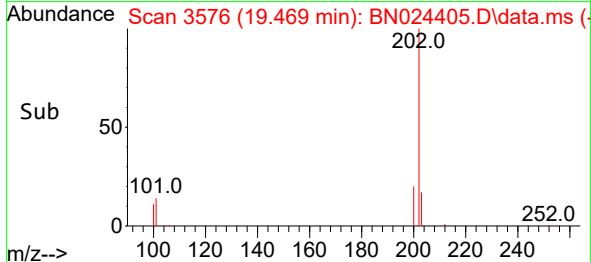
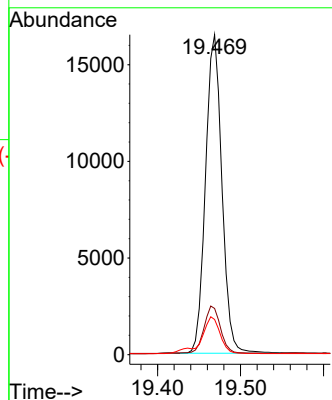
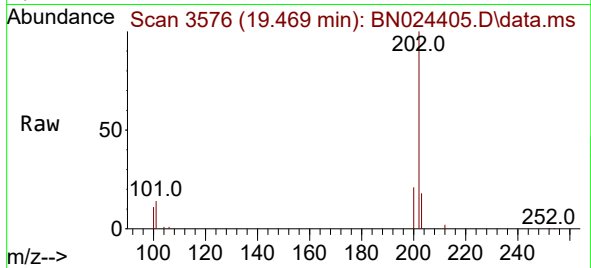




#19
Fluoranthene
Concen: 0.357 ng/ul
RT: 19.469 min Scan# 3576
Delta R.T. 0.005 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

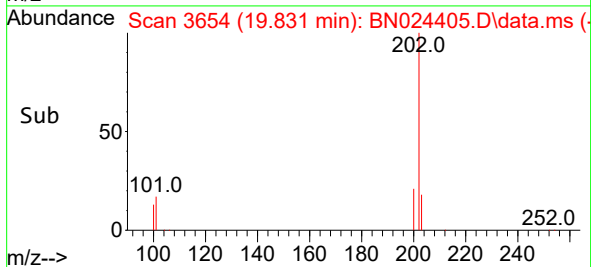
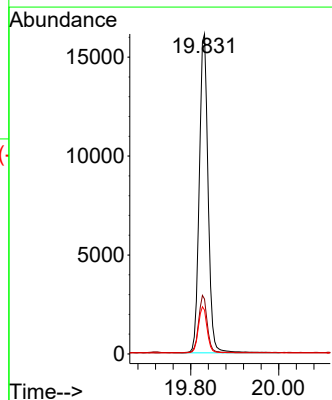
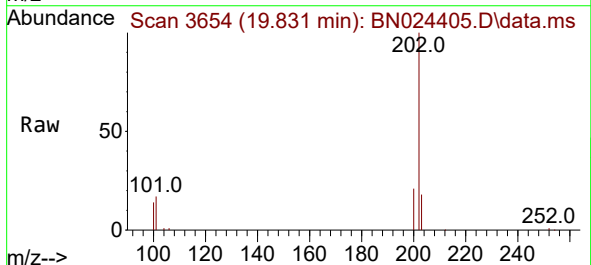
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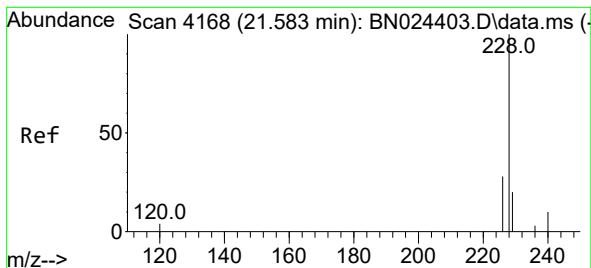
Tgt Ion:202 Resp: 22664
Ion Ratio Lower Upper
202 100
101 14.5 10.4 15.6
100 11.0 7.7 11.5



#20
Pyrene
Concen: 0.346 ng/ul
RT: 19.831 min Scan# 3654
Delta R.T. 0.005 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

Tgt Ion:202 Resp: 22320
Ion Ratio Lower Upper
202 100
101 17.2 12.1 18.1
100 13.7 9.4 14.0





#21

Benzo(a)anthracene

Concen: 0.298 ng/ul

RT: 21.586 min Scan# 4168

Delta R.T. 0.003 min

Lab File: BN024405.D

Acq: 20 Mar 2023 11:08

Instrument :

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ClientSampleId :

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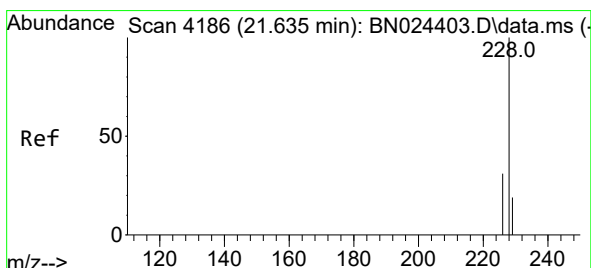
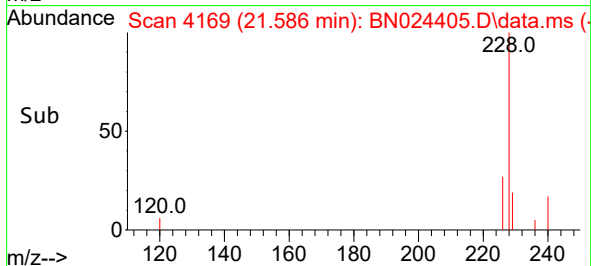
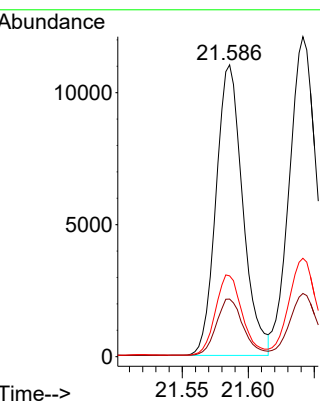
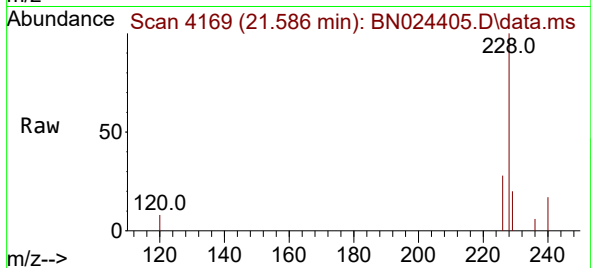
Tgt Ion:228 Resp: 15505

Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.6

226 27.7 22.2 33.4



#22

Chrysene

Concen: 0.321 ng/ul

RT: 21.641 min Scan# 4188

Delta R.T. 0.006 min

Lab File: BN024405.D

Acq: 20 Mar 2023 11:08

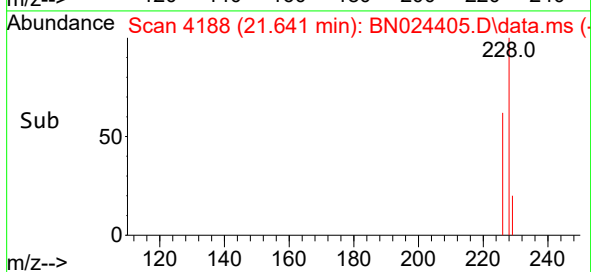
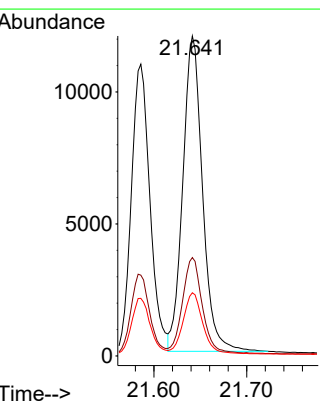
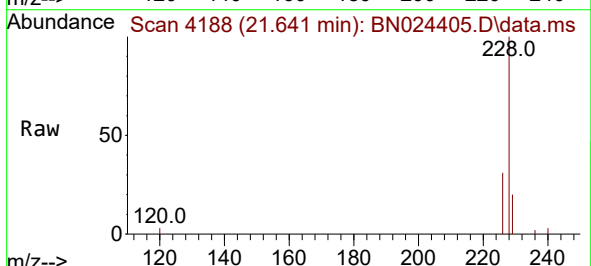
Tgt Ion:228 Resp: 17674

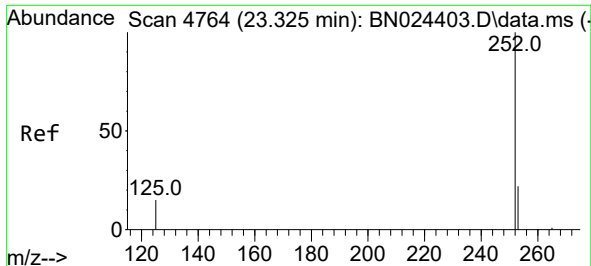
Ion Ratio Lower Upper

228 100

226 30.8 24.8 37.2

229 19.8 15.8 23.6

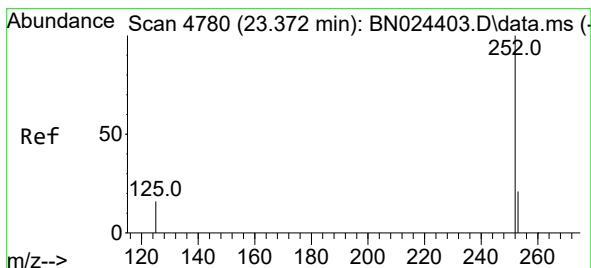
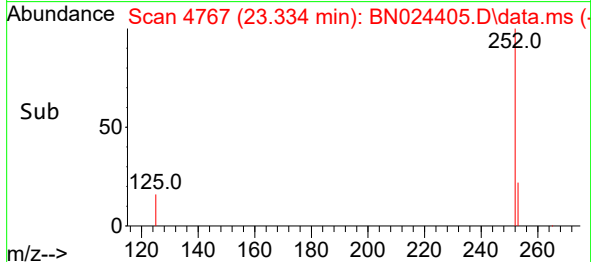
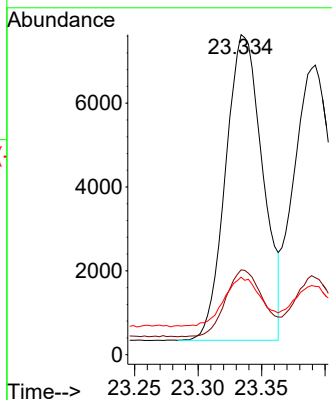
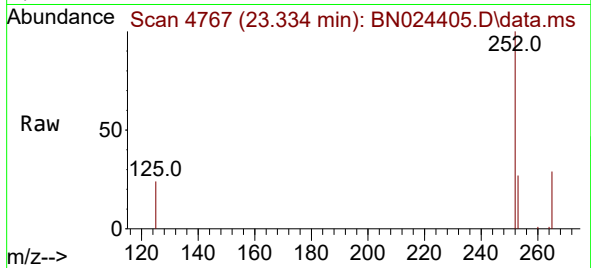




#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 23.334 min Scan# 4767
Delta R.T. 0.009 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

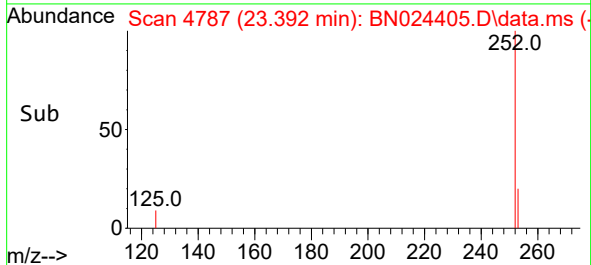
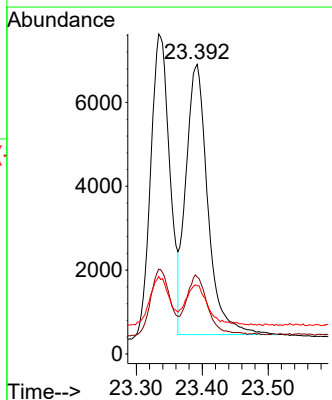
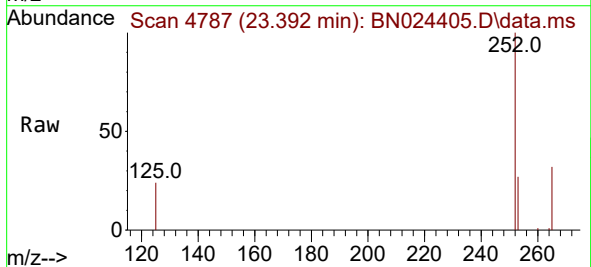
Instrument :
BNA_N
ClientSampleId :
SLCS451

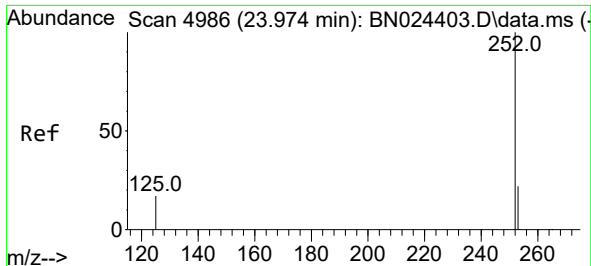
Tgt Ion:252 Resp: 14796
Ion Ratio Lower Upper
252 100
253 26.5 0.0 46.2
125 24.2 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 23.392 min Scan# 4787
Delta R.T. 0.021 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

Tgt Ion:252 Resp: 14913
Ion Ratio Lower Upper
252 100
253 26.6 18.5 27.7
125 23.6 13.2 19.8#

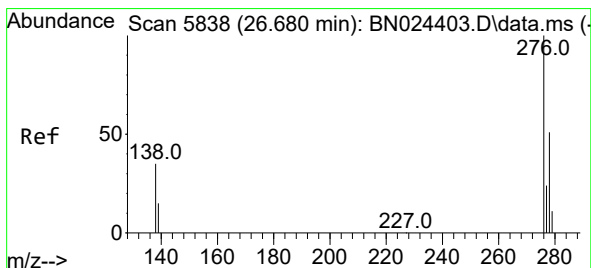
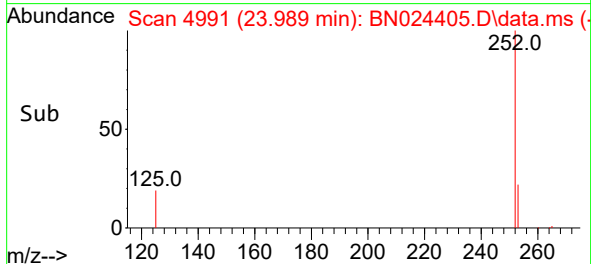
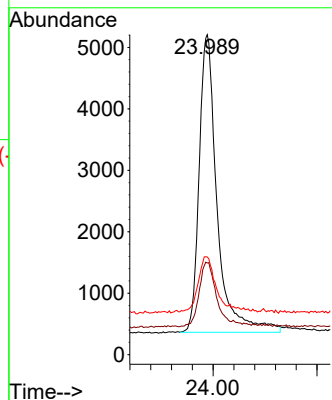
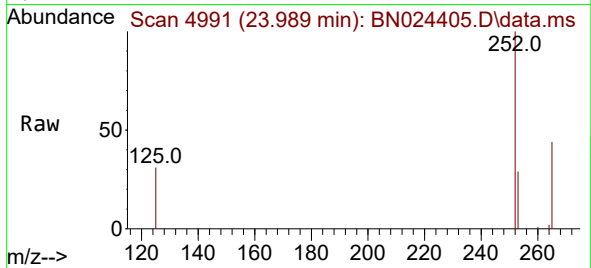




#26
Benzo(a)pyrene
Concen: 0.337 ng/ul
RT: 23.989 min Scan# 4986
Delta R.T. 0.015 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

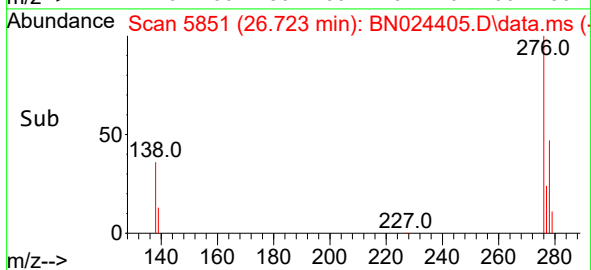
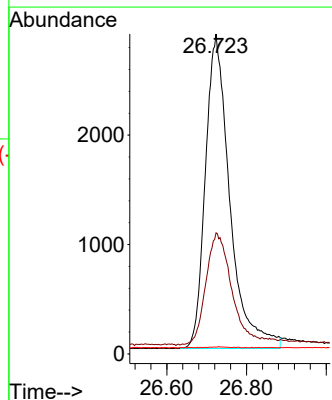
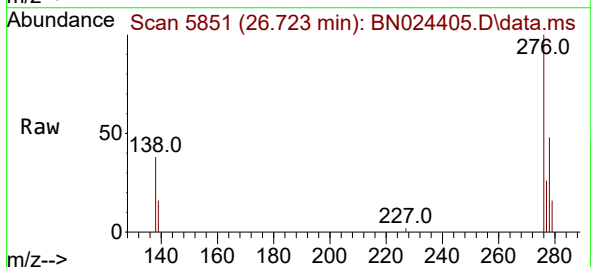
Instrument :
BNA_N
ClientSampleId :
SLCS451

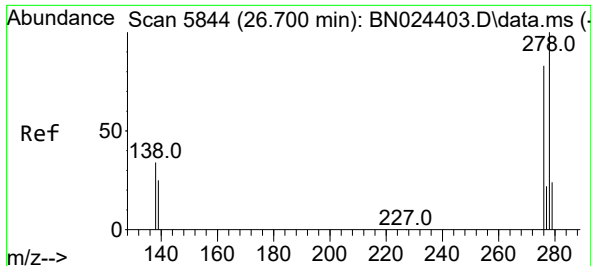
Tgt Ion:252 Resp: 11601
Ion Ratio Lower Upper
252 100
253 28.7 19.2 28.8
125 30.5 15.8 23.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 26.723 min Scan# 5851
Delta R.T. 0.044 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

Tgt Ion:276 Resp: 12230
Ion Ratio Lower Upper
276 100
138 38.5 0.0 0.0#
227 0.2 0.0 0.0#

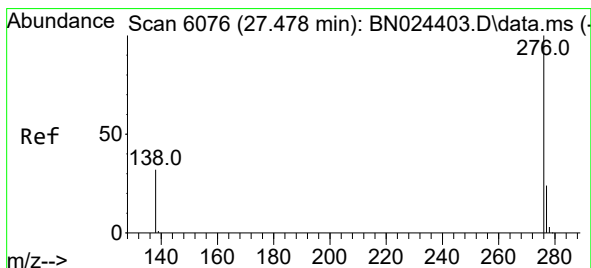
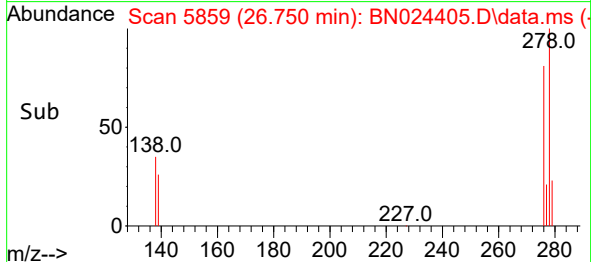
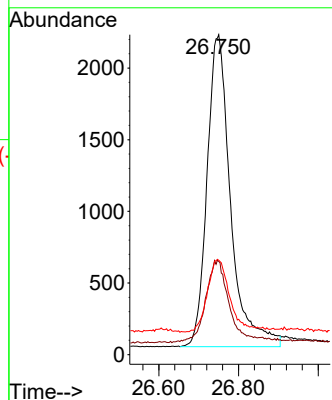
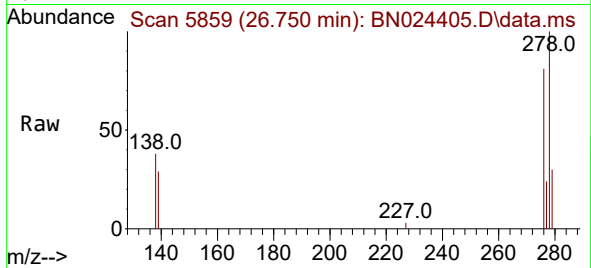




#28
Dibenzo(a,h)anthracene
Concen: 0.303 ng/ul
RT: 26.750 min Scan# 5844
Delta R.T. 0.050 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

Instrument :
BNA_N
ClientSampleId :
SLCS451

Tgt Ion:278 Resp: 8923
Ion Ratio Lower Upper
278 100
139 29.2 21.0 31.6
279 29.5 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.340 ng/ul
RT: 27.532 min Scan# 6092
Delta R.T. 0.054 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

Tgt Ion:276 Resp: 11440
Ion Ratio Lower Upper
276 100
138 36.1 25.2 37.8
277 24.8 19.4 29.2

