

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021723\
 Data File : BN024065.D
 Acq On : 17 Feb 2023 14:02
 Operator : CG/JU
 Sample : PB150879BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS879

Quant Time: Feb 17 21:35:59 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 14:45:13 2023
 Response via : Initial Calibration

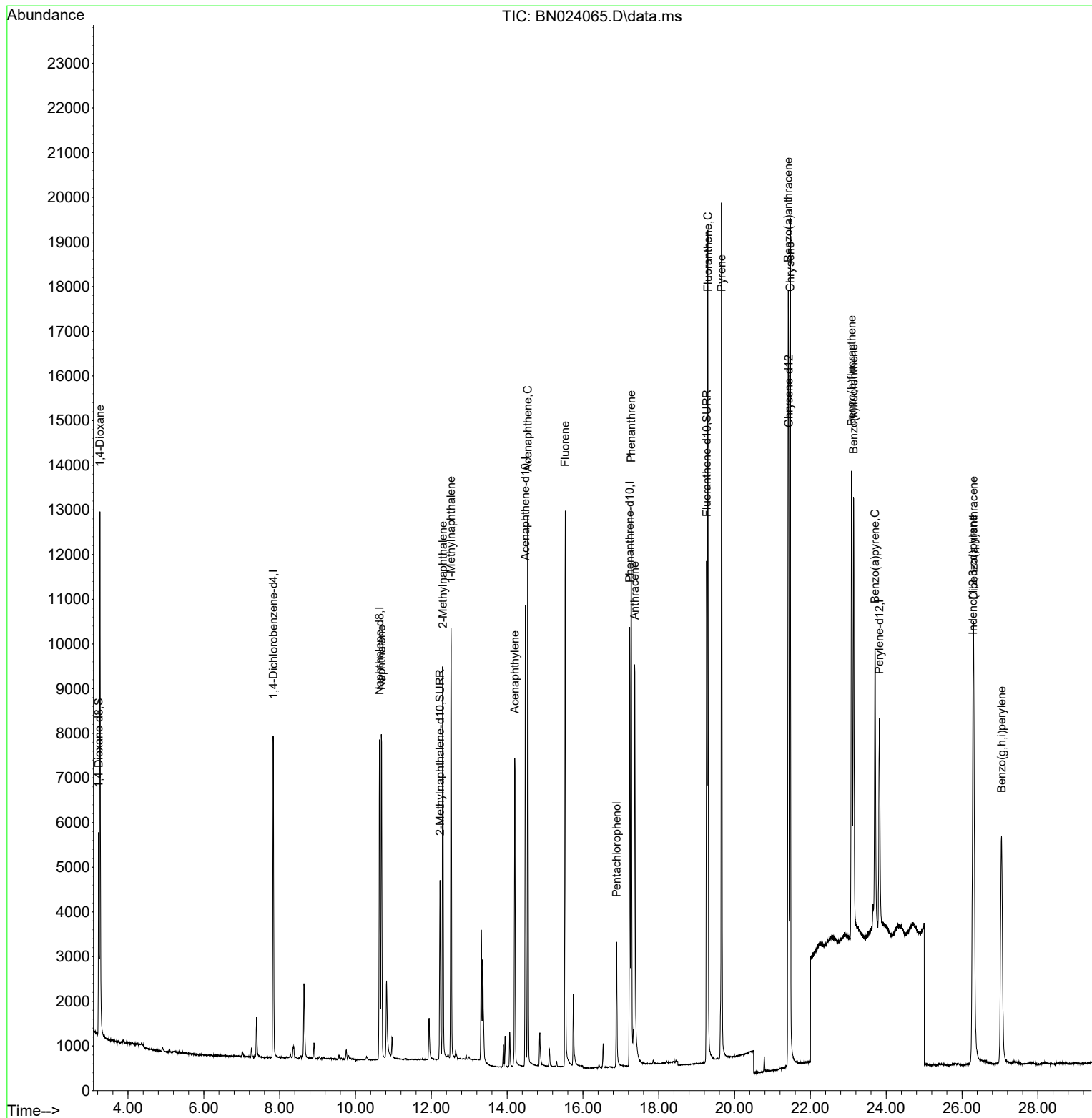
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	3674	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	9533	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.483	164	5367	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	11749	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.432	240	10268	0.400	ng/ul	# 0.00
23) Perylene-d12	23.820	264	7280	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.226	96	2752	0.699	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	5152	0.345	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	12380	0.449	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.260	88	8031	1.925	ng/ul#	79
5) Naphthalene	10.683	128	9998	0.383	ng/ul	100
7) 2-Methylnaphthalene	12.305	142	6155	0.363	ng/ul	99
8) 1-Methylnaphthalene	12.520	142	6441	0.371	ng/ul	100
10) Acenaphthylene	14.201	152	7909	0.385	ng/ul	99
11) Acenaphthene	14.543	153	7031	0.389	ng/ul	98
12) Fluorene	15.533	166	8024	0.367	ng/ul	96
14) Pentachlorophenol	16.888	266	2019	0.521	ng/ul	99
15) Phenanthrene	17.276	178	13606	0.388	ng/ul	100
16) Anthracene	17.365	178	11318	0.386	ng/ul	99
19) Fluoranthene	19.295	202	16449	0.482	ng/ul	96
20) Pyrene	19.657	202	16520	0.467	ng/ul#	94
21) Benzo(a)anthracene	21.414	228	13973	0.401	ng/ul	99
22) Chrysene	21.467	228	15920	0.434	ng/ul	99
24) Benzo(b)fluoranthene	23.089	252	14779	0.460	ng/ul	98
25) Benzo(k)fluoranthene	23.142	252	14409	0.458	ng/ul#	97
26) Benzo(a)pyrene	23.703	252	11080	0.414	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.288	276	13928	0.371	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.305	278	11500	0.383	ng/ul	96
29) Benzo(g,h,i)perylene	27.043	276	12693	0.410	ng/ul#	96

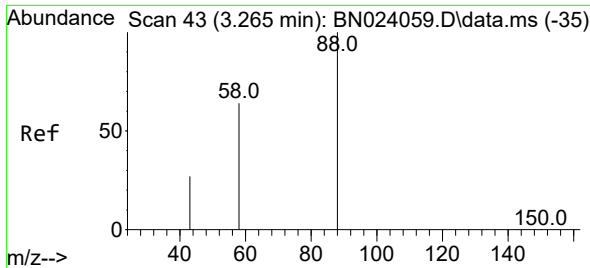
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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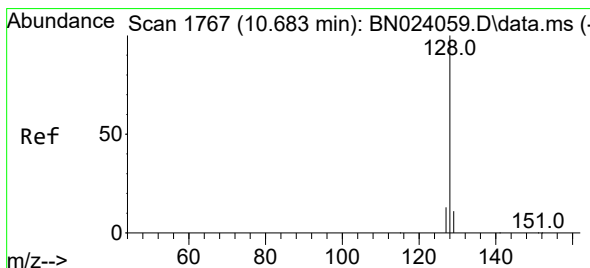
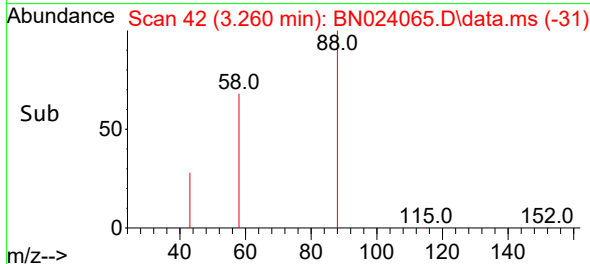
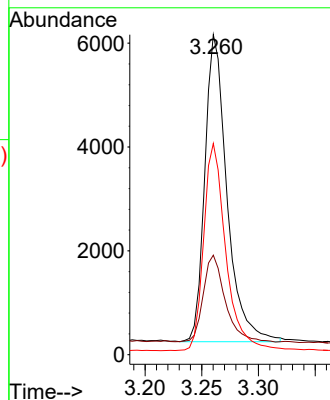
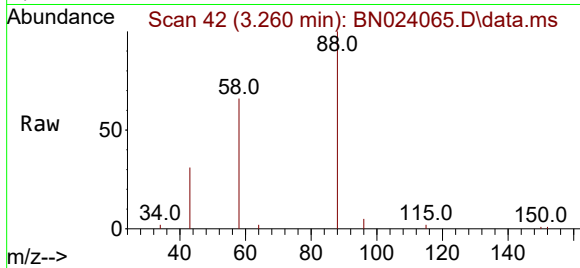




#2
1,4-Dioxane
Concen: 1.925 ng/ul
RT: 3.260 min Scan# 43
Delta R.T. -0.004 min
Lab File: BN024065.D
Acq: 17 Feb 2023 14:02

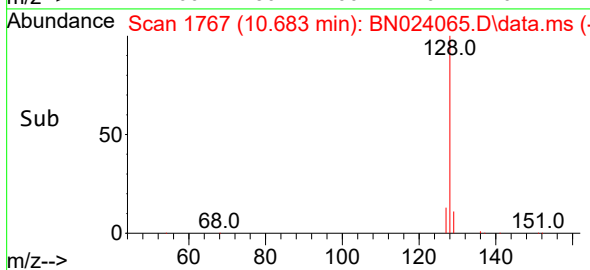
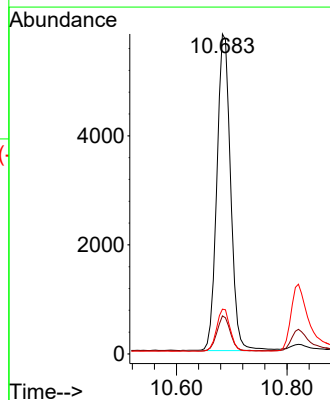
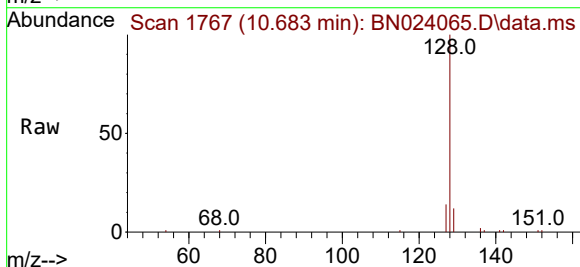
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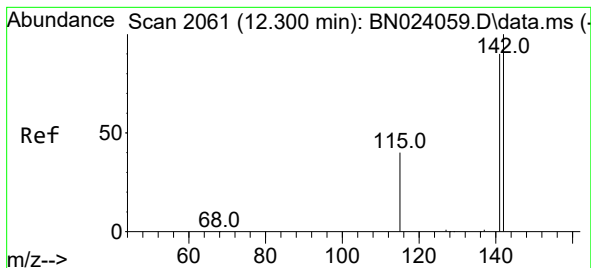
Tgt Ion: 88 Resp: 8031
Ion Ratio Lower Upper
88 100
43 31.1 41.9 62.9#
58 66.0 45.6 68.4



#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BN024065.D
Acq: 17 Feb 2023 14:02

Tgt Ion:128 Resp: 9998
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 14.0 11.1 16.7





#7

2-Methylnaphthalene

Concen: 0.363 ng/ul

RT: 12.305 min Scan# 2061

Delta R.T. -0.000 min

Lab File: BN024065.D

Acq: 17 Feb 2023 14:02

Instrument :

BNA_N

ClientSampleId :

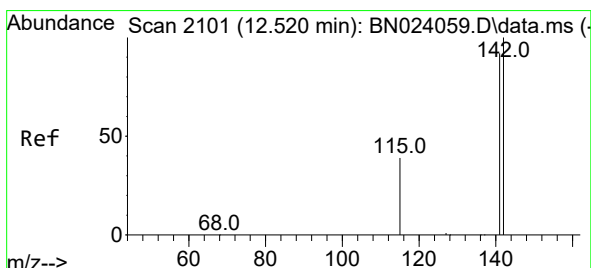
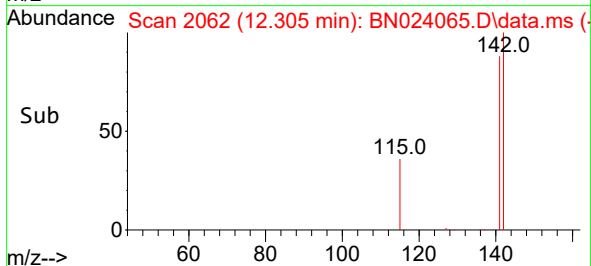
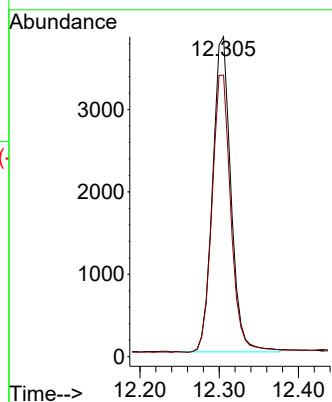
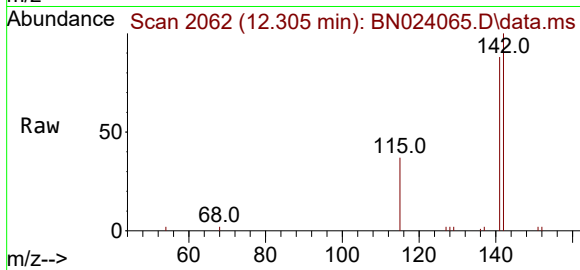
SLCS879

Tgt Ion:142 Resp: 6155

Ion Ratio Lower Upper

142 100

141 90.2 71.6 107.4



#8

1-Methylnaphthalene

Concen: 0.371 ng/ul

RT: 12.520 min Scan# 2101

Delta R.T. -0.006 min

Lab File: BN024065.D

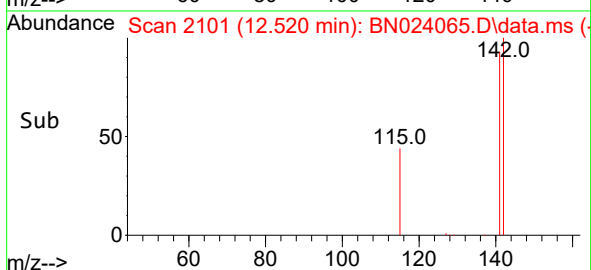
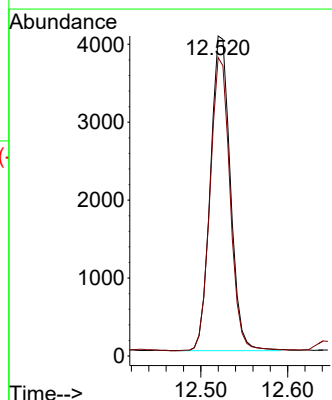
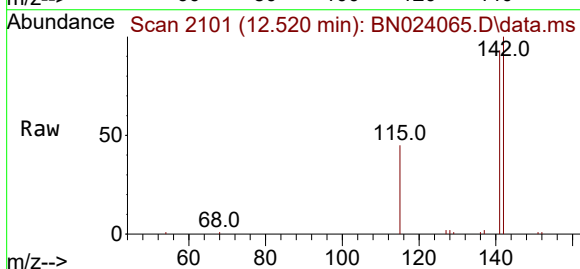
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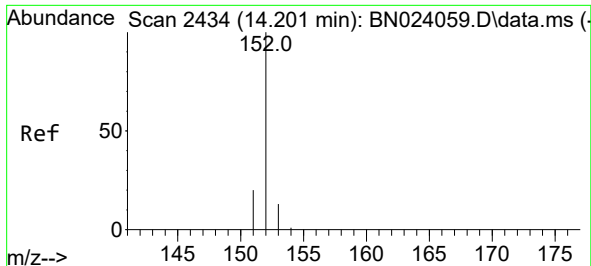
Tgt Ion:142 Resp: 6441

Ion Ratio Lower Upper

142 100

141 93.0 74.1 111.1

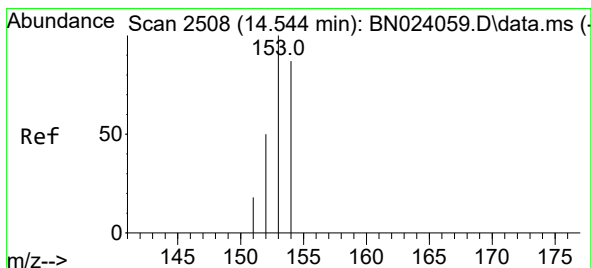
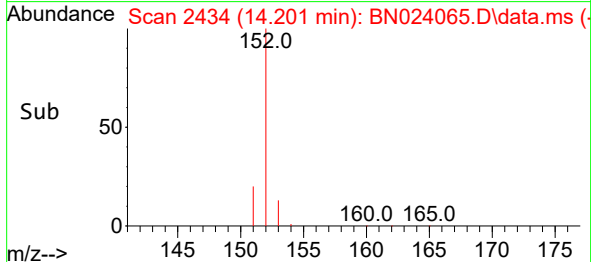
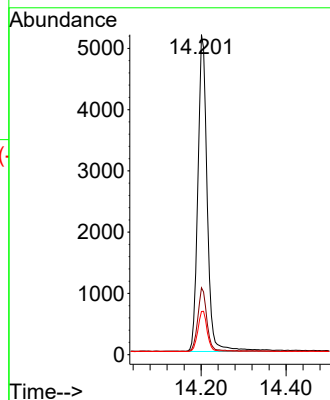
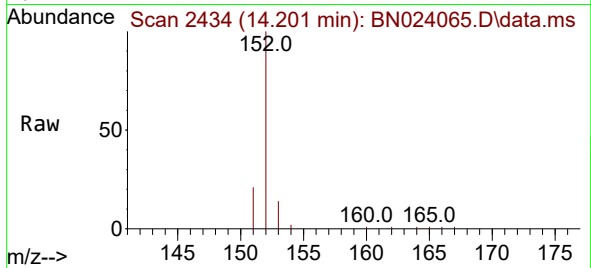




#10
Acenaphthylene
Concen: 0.385 ng/ul
RT: 14.201 min Scan# 2434
Delta R.T. -0.009 min
Lab File: BN024065.D
Acq: 17 Feb 2023 14:02

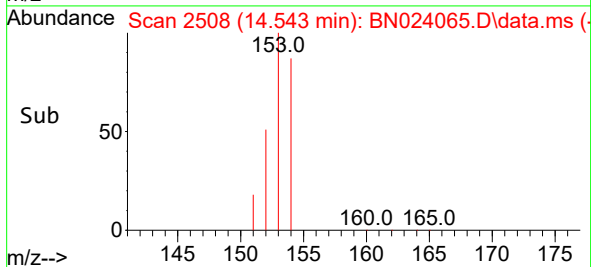
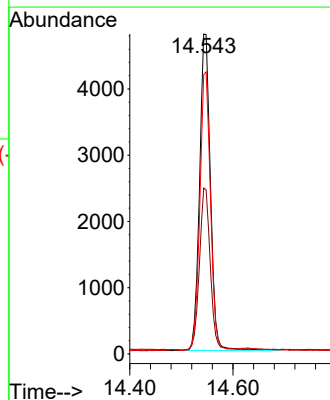
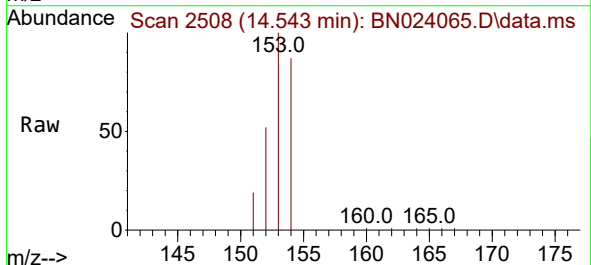
Instrument :
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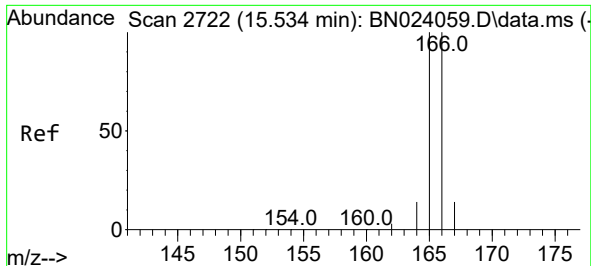
Tgt Ion:152 Resp: 7909
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.4
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.389 ng/ul
RT: 14.543 min Scan# 2508
Delta R.T. -0.005 min
Lab File: BN024065.D
Acq: 17 Feb 2023 14:02

Tgt Ion:153 Resp: 7031
Ion Ratio Lower Upper
153 100
152 51.9 39.6 59.4
154 87.3 68.8 103.2

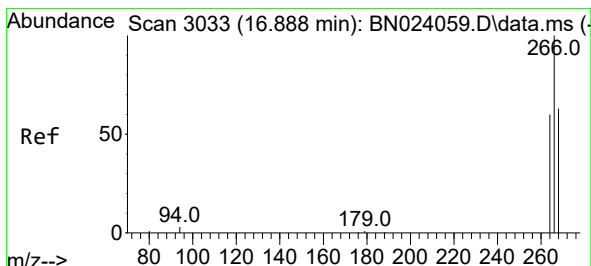
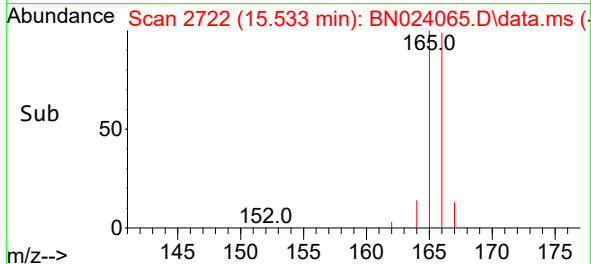
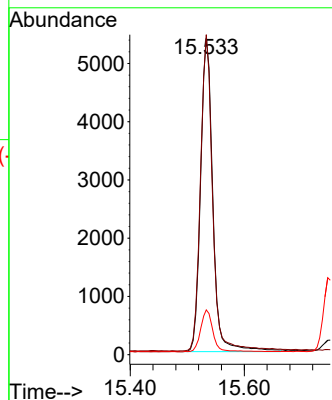
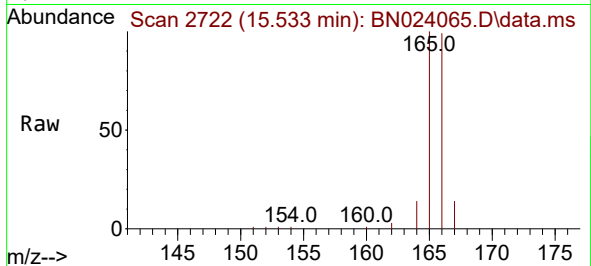




#12
Fluorene
Concen: 0.367 ng/ul
RT: 15.533 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN024065.D
Acq: 17 Feb 2023 14:02

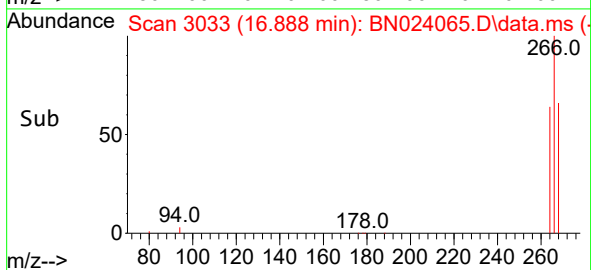
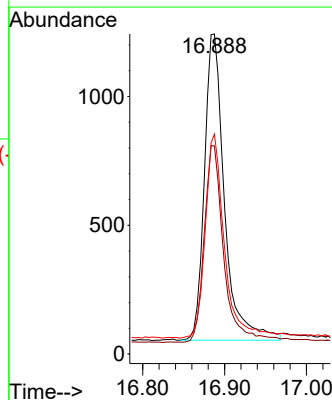
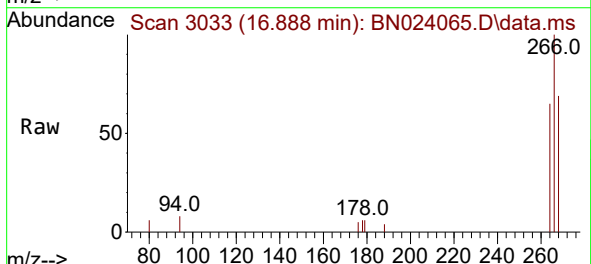
Instrument :
BNA_N
ClientSampleId :
SLCS879

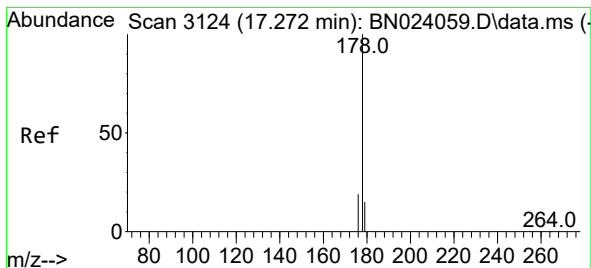
Tgt Ion:166 Resp: 8024
Ion Ratio Lower Upper
166 100
165 100.9 77.4 116.2
167 14.1 11.4 17.0



#14
Pentachlorophenol
Concen: 0.521 ng/ul
RT: 16.888 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BN024065.D
Acq: 17 Feb 2023 14:02

Tgt Ion:266 Resp: 2019
Ion Ratio Lower Upper
266 100
264 62.6 49.4 74.0
268 64.1 52.0 78.0





#15

Phenanthrene

Concen: 0.388 ng/ul

RT: 17.276 min Scan# 3124

Delta R.T. -0.004 min

Lab File: BN024065.D

Acq: 17 Feb 2023 14:02

Instrument :

BNA_N

ClientSampleId :

SLCS879

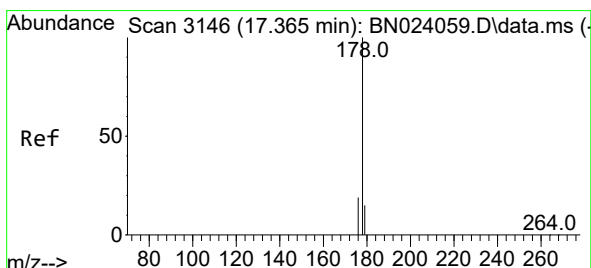
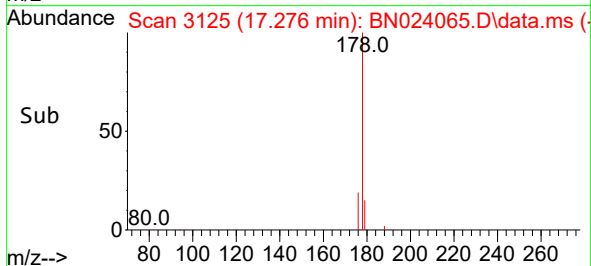
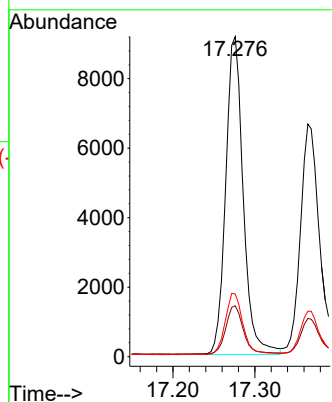
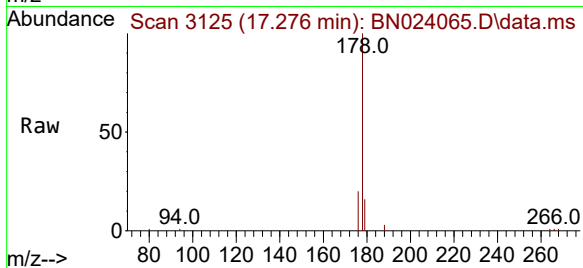
Tgt Ion:178 Resp: 13606

Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

176 19.6 15.7 23.5



#16

Anthracene

Concen: 0.386 ng/ul

RT: 17.365 min Scan# 3146

Delta R.T. -0.004 min

Lab File: BN024065.D

Acq: 17 Feb 2023 14:02

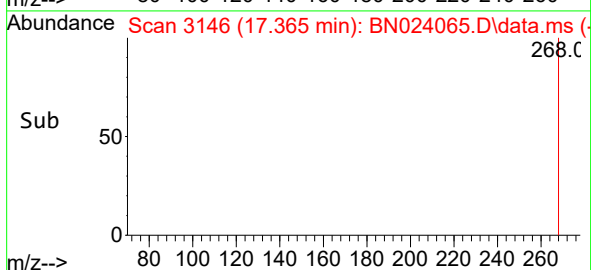
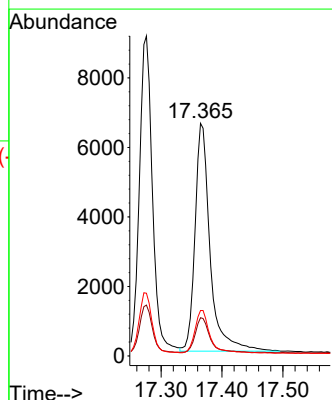
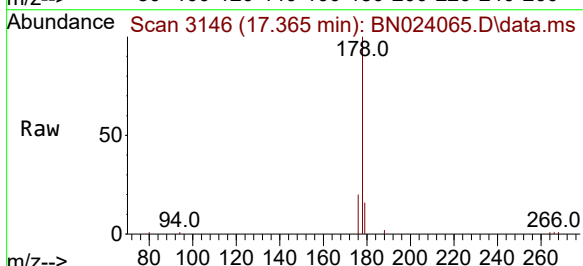
Tgt Ion:178 Resp: 11318

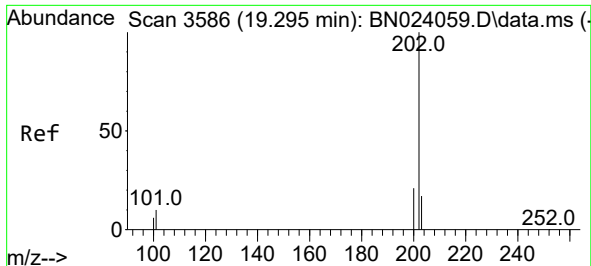
Ion Ratio Lower Upper

178 100

179 16.5 13.4 20.0

176 19.5 15.4 23.2

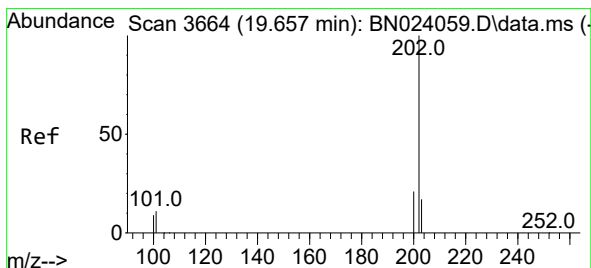
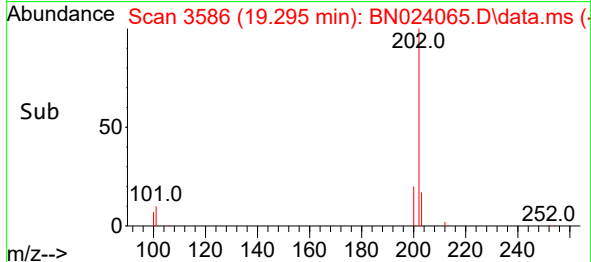
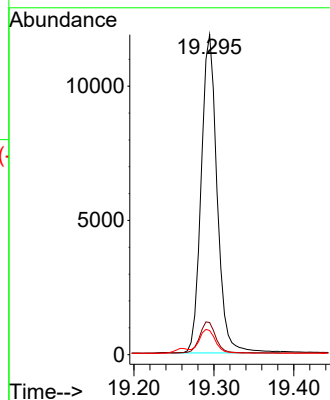
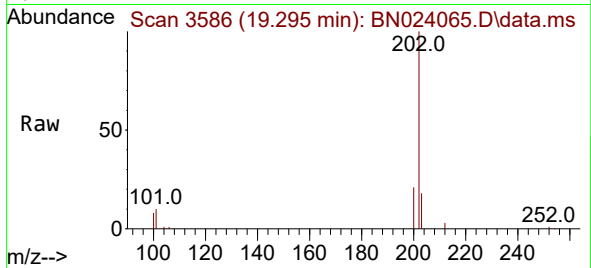




#19
Fluoranthene
Concen: 0.482 ng/ul
RT: 19.295 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN024065.D
Acq: 17 Feb 2023 14:02

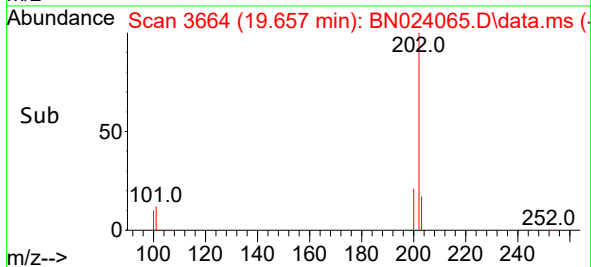
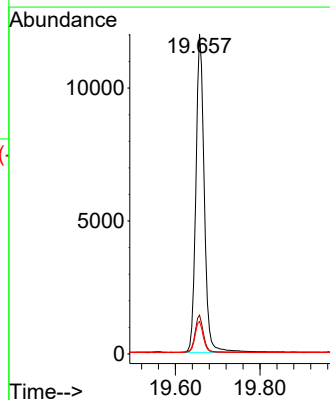
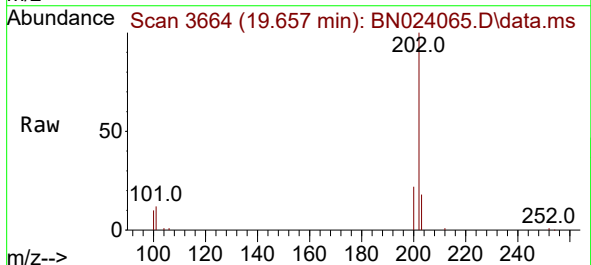
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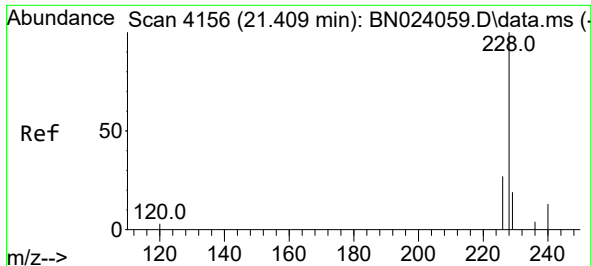
Tgt Ion:202 Resp: 16449
Ion Ratio Lower Upper
202 100
101 10.0 6.8 10.2
100 7.6 5.2 7.8



#20
Pyrene
Concen: 0.467 ng/ul
RT: 19.657 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN024065.D
Acq: 17 Feb 2023 14:02

Tgt Ion:202 Resp: 16520
Ion Ratio Lower Upper
202 100
101 12.1 8.1 12.1#
100 10.2 6.2 9.4#

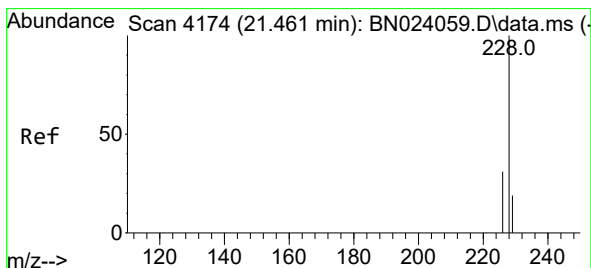
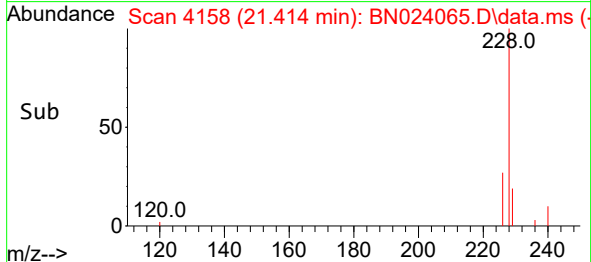
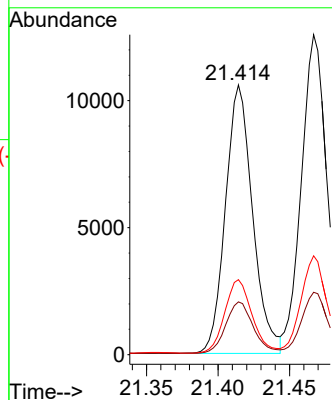
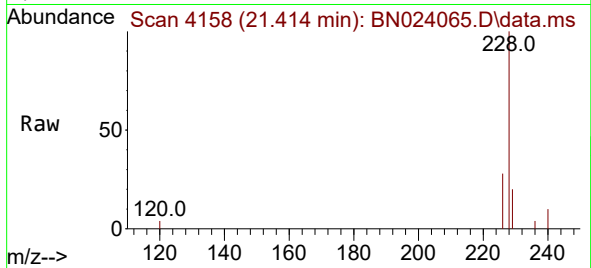




#21
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.414 min Scan# 4156
Delta R.T. 0.003 min
Lab File: BN024065.D
Acq: 17 Feb 2023 14:02

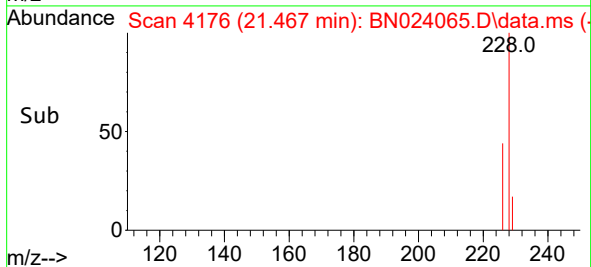
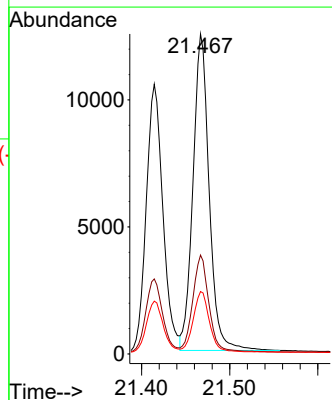
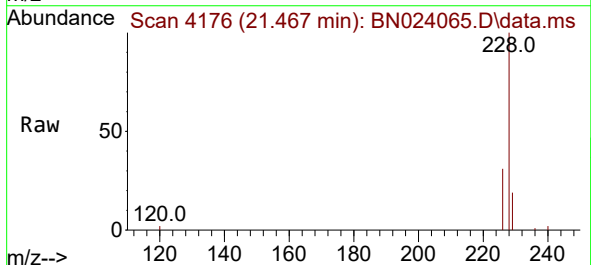
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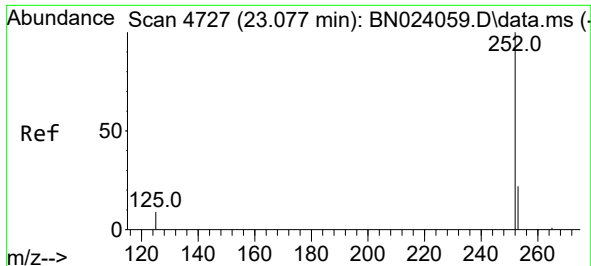
Tgt Ion:228 Resp: 13973
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 27.8 22.0 33.0



#22
Chrysene
Concen: 0.434 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BN024065.D
Acq: 17 Feb 2023 14:02

Tgt Ion:228 Resp: 15920
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 19.5 15.5 23.3

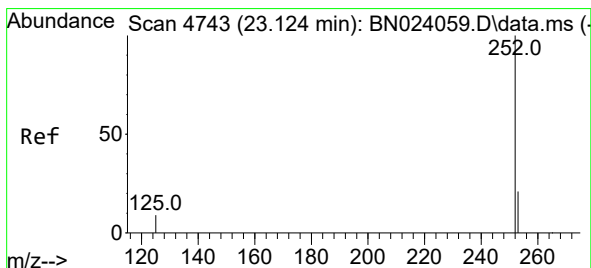
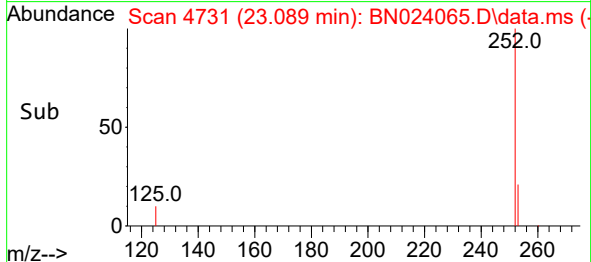
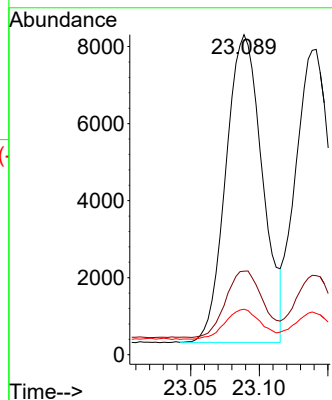
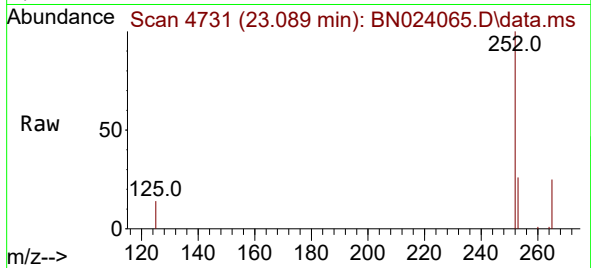




#24
Benzo(b)fluoranthene
Concen: 0.460 ng/ul
RT: 23.089 min Scan# 4731
Delta R.T. -0.003 min
Lab File: BN024065.D
Acq: 17 Feb 2023 14:02

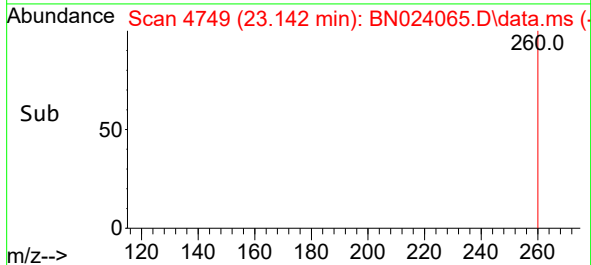
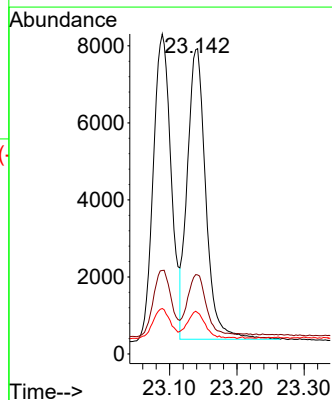
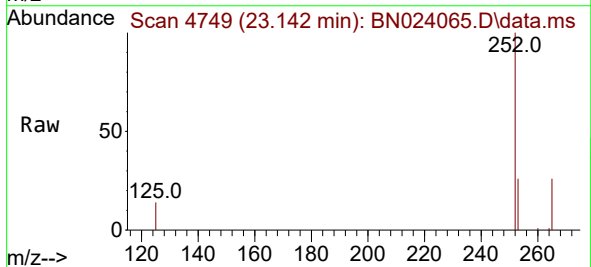
Instrument :
BNA_N
ClientSampleId :
SLCS879

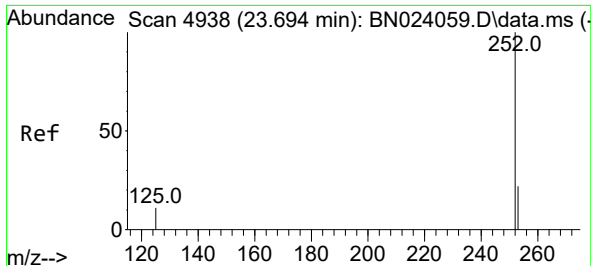
Tgt Ion:252 Resp: 14779
Ion Ratio Lower Upper
252 100
253 26.1 0.0 51.8
125 14.2 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.458 ng/ul
RT: 23.142 min Scan# 4749
Delta R.T. 0.003 min
Lab File: BN024065.D
Acq: 17 Feb 2023 14:02

Tgt Ion:252 Resp: 14409
Ion Ratio Lower Upper
252 100
253 25.9 20.2 30.2
125 13.5 9.0 13.4#

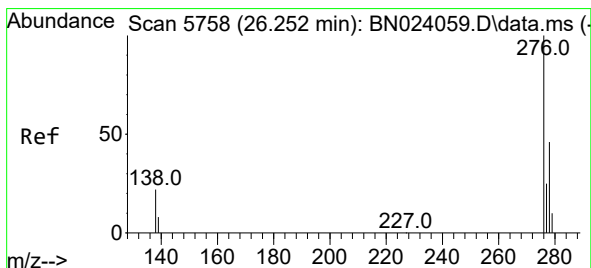
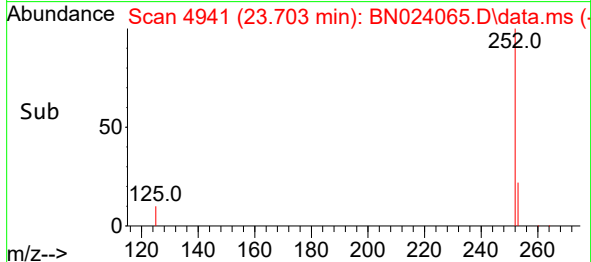
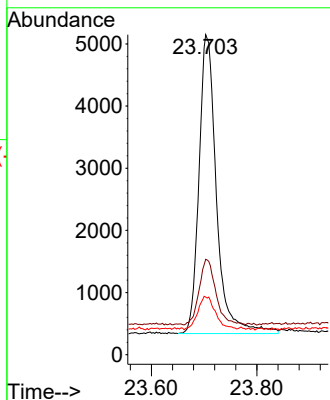
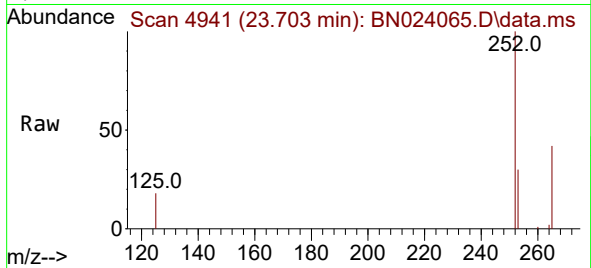




#26
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 23.703 min Scan# 4938
Delta R.T. -0.003 min
Lab File: BN024065.D
Acq: 17 Feb 2023 14:02

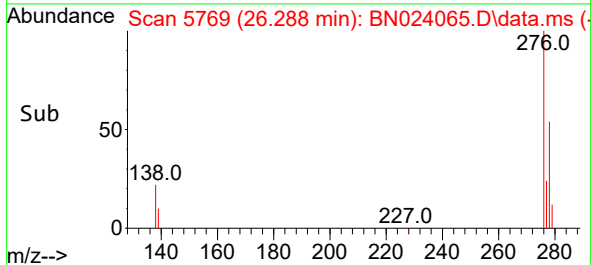
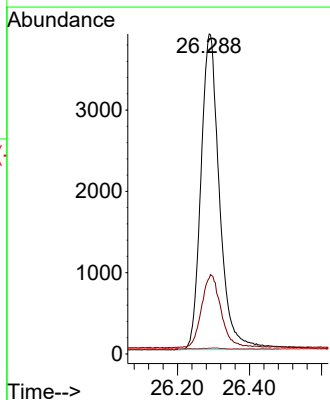
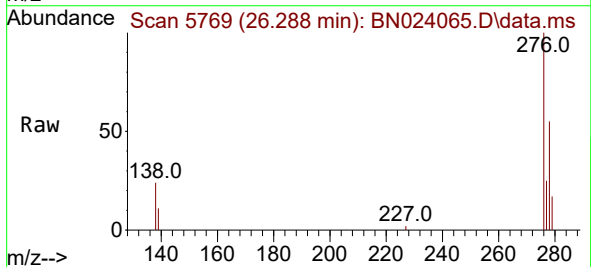
Instrument :
BNA_N
ClientSampleId :
SLCS879

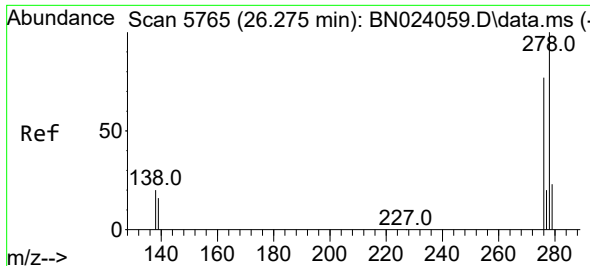
Tgt Ion:252 Resp: 11080
Ion Ratio Lower Upper
252 100
253 29.8 21.5 32.3
125 18.0 11.2 16.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng/ul
RT: 26.288 min Scan# 5769
Delta R.T. -0.003 min
Lab File: BN024065.D
Acq: 17 Feb 2023 14:02

Tgt Ion:276 Resp: 13928
Ion Ratio Lower Upper
276 100
138 24.2 17.0 25.6
227 0.2 0.2 0.4#

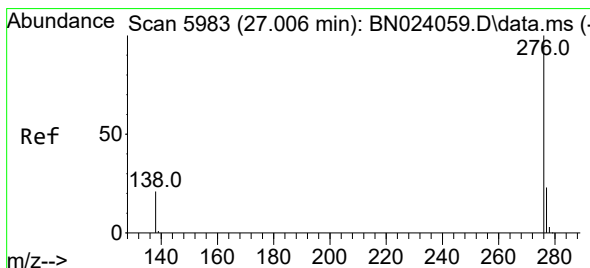
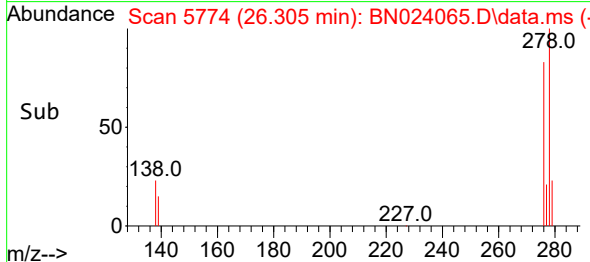
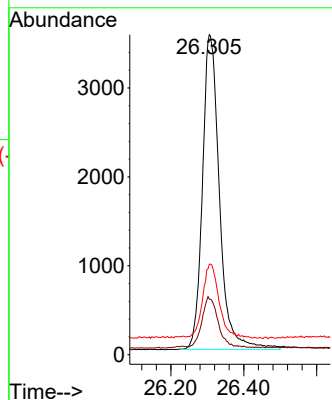
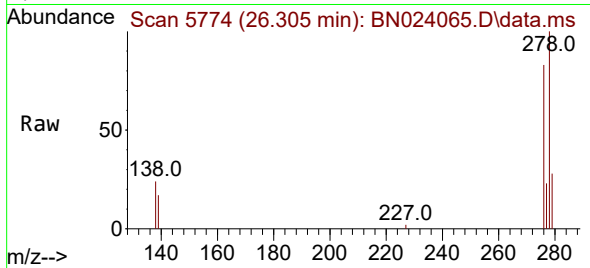




#28
 Dibenzo(a,h)anthracene
 Concen: 0.383 ng/ul
 RT: 26.305 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BN024065.D
 Acq: 17 Feb 2023 14:02

Instrument :
 BNA_N
 ClientSampleId :
 SLCS879

Tgt Ion:278 Resp: 11500
 Ion Ratio Lower Upper
 278 100
 139 17.4 12.3 18.5
 279 28.2 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.410 ng/ul
 RT: 27.043 min Scan# 5994
 Delta R.T. -0.004 min
 Lab File: BN024065.D
 Acq: 17 Feb 2023 14:02

Tgt Ion:276 Resp: 12693
 Ion Ratio Lower Upper
 276 100
 138 23.0 15.3 22.9#
 277 25.3 19.9 29.9

