

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021423\
 Data File : BN024022.D
 Acq On : 14 Feb 2023 13:58
 Operator : CG/JU
 Sample : PB150822BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS822

Quant Time: Feb 14 14:34:14 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 : Tue Feb 14 01:13:07 2023
 Response via : Initial Calibration

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

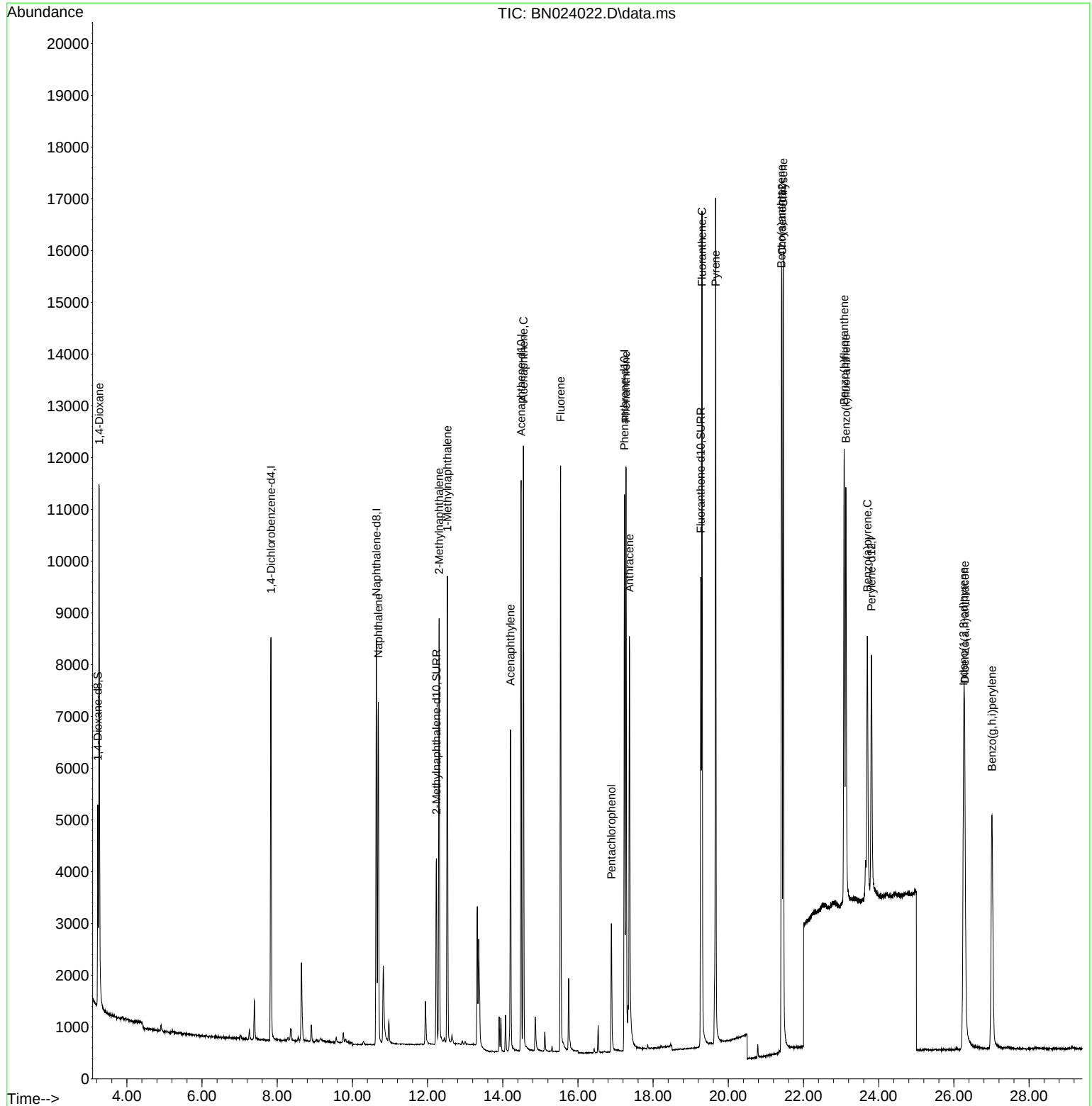
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	4062	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	10389	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.488	164	6113	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.238	188	13181	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.426	240	10080	0.400	ng/ul	# 0.00
23) Perylene-d12	23.808	264	6834	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	2490	0.572	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	4718	0.290	ng/ul	0.00
18) Fluoranthene-d10	19.267	212	10434	0.385	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.265	88	7079	1.534	ng/ul#	80
5) Naphthalene	10.689	128	8995	0.317	ng/ul	100
7) 2-Methylnaphthalene	12.306	142	5659	0.306	ng/ul	100
8) 1-Methylnaphthalene	12.526	142	5966	0.315	ng/ul	100
10) Acenaphthylene	14.206	152	7155	0.306	ng/ul	99
11) Acenaphthene	14.548	153	6529	0.317	ng/ul	98
12) Fluorene	15.538	166	7460	0.300	ng/ul	99
14) Pentachlorophenol	16.888	266	1806	0.415	ng/ul	99
15) Phenanthrene	17.276	178	12320	0.313	ng/ul	99
16) Anthracene	17.369	178	9973	0.303	ng/ul	99
19) Fluoranthene	19.299	202	14007	0.418	ng/ul	96
20) Pyrene	19.662	202	14053	0.405	ng/ul#	94
21) Benzo(a)anthracene	21.411	228	11003	0.321	ng/ul	99
22) Chrysene	21.461	228	13001	0.361	ng/ul	99
24) Benzo(b)fluoranthene	23.080	252	11488	0.381	ng/ul	97
25) Benzo(k)fluoranthene	23.127	252	11365	0.385	ng/ul#	95
26) Benzo(a)pyrene	23.697	252	8560	0.340	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.258	276	11297	0.320	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.289	278	9270	0.328	ng/ul	95
29) Benzo(g,h,i)perylene	27.013	276	10576	0.364	ng/ul	96

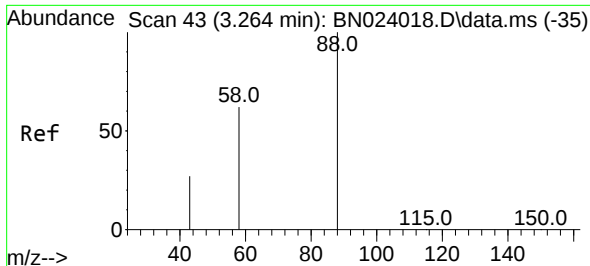
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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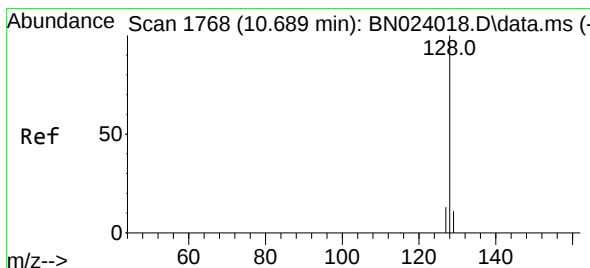
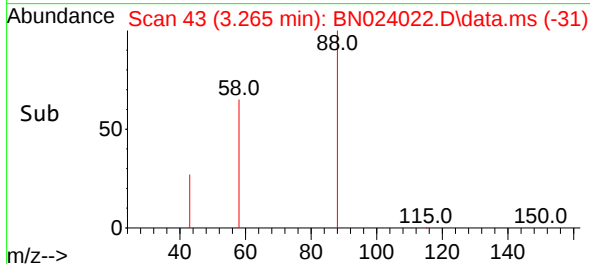
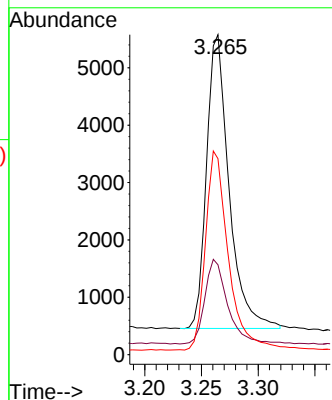
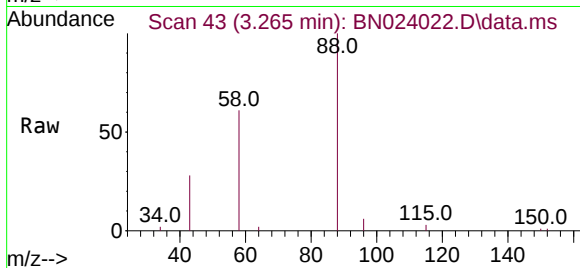




#2
1,4-Dioxane
Concen: 1.534 ng/ul
RT: 3.265 min Scan# 43
Delta R.T. 0.000 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

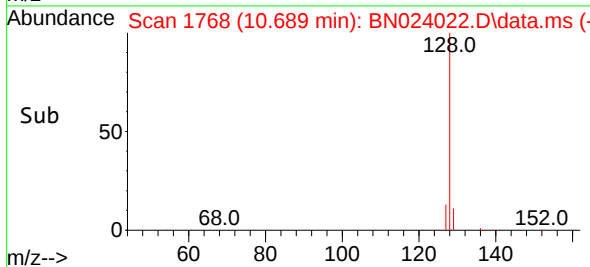
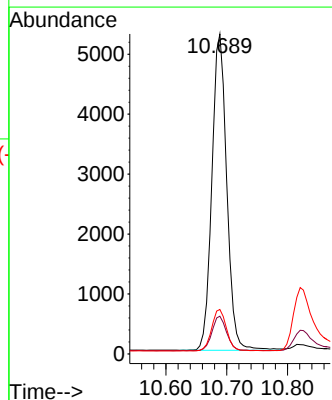
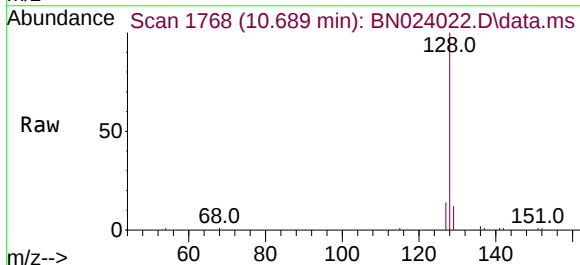
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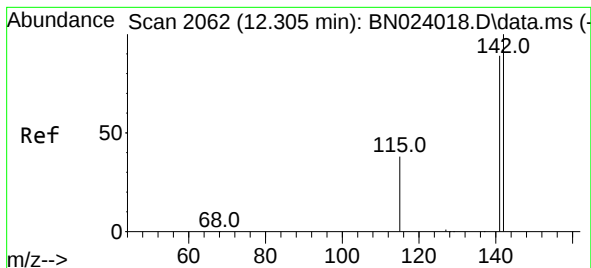
Tgt Ion: 88 Resp: 7079
Ion Ratio Lower Upper
88 100
43 28.1 41.9 62.9#
58 61.2 45.6 68.4



#5
Naphthalene
Concen: 0.317 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

Tgt Ion:128 Resp: 8995
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.9 11.1 16.7

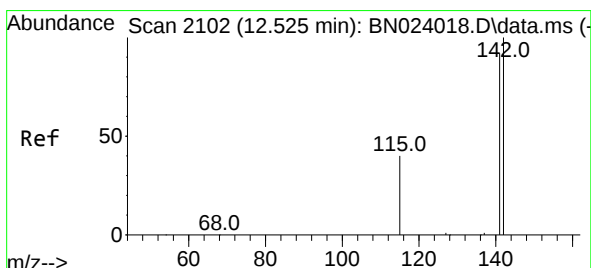
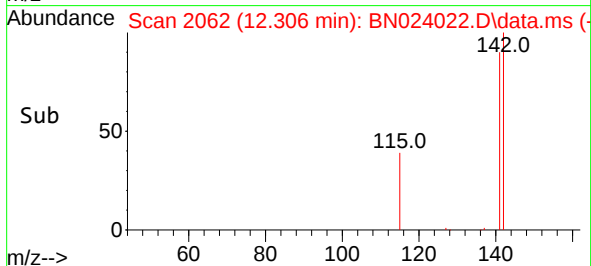
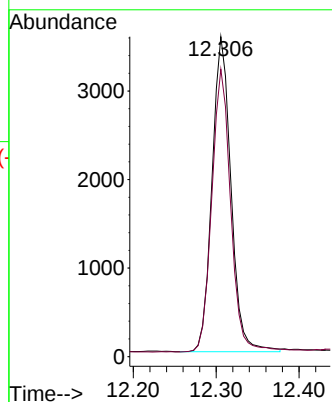
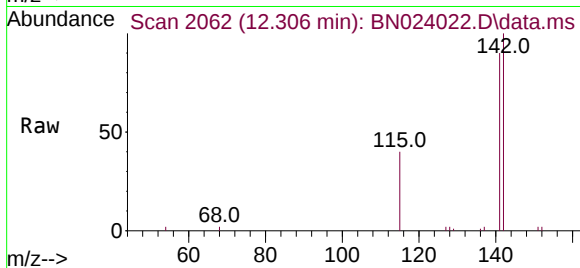




#7
2-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.306 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

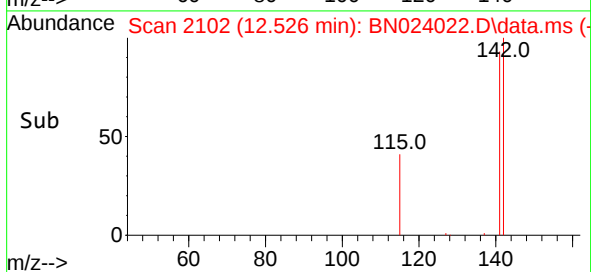
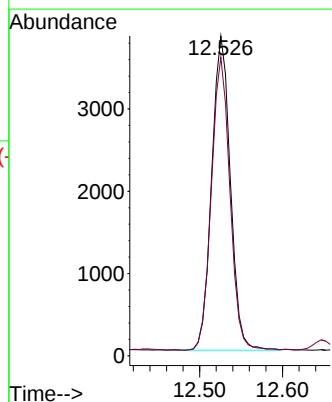
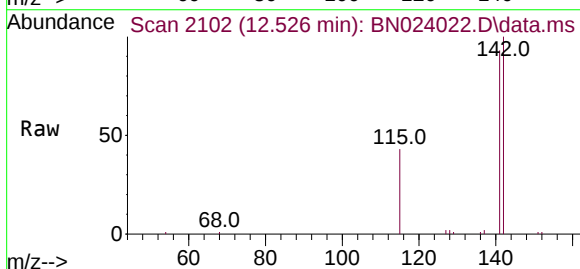
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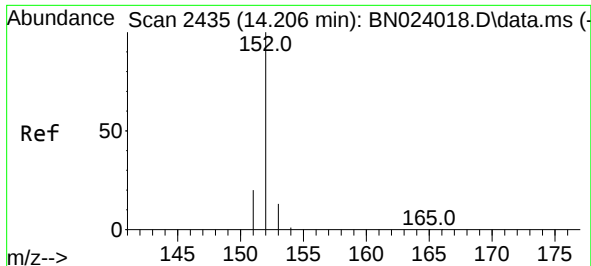
Tgt Ion:142 Resp: 5659
Ion Ratio Lower Upper
142 100
141 89.6 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.526 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

Tgt Ion:142 Resp: 5966
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

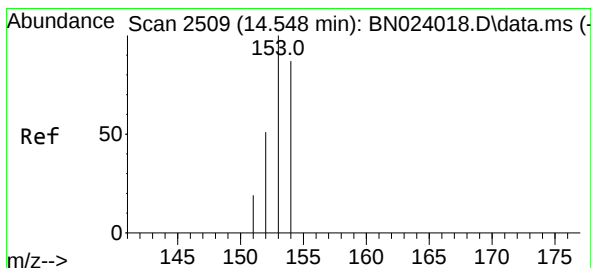
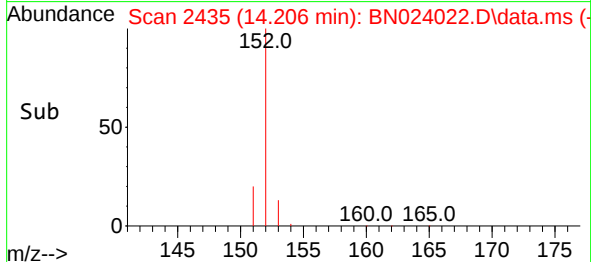
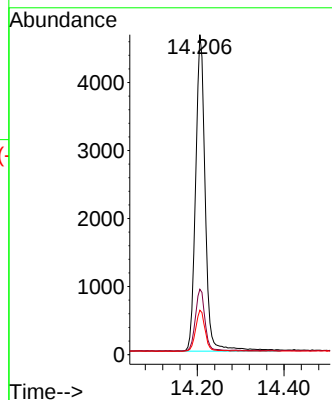
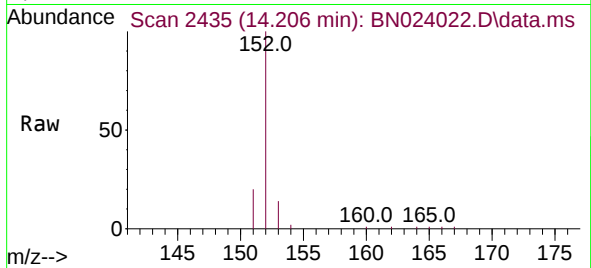




#10
Acenaphthylene
Concen: 0.306 ng/ul
RT: 14.206 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

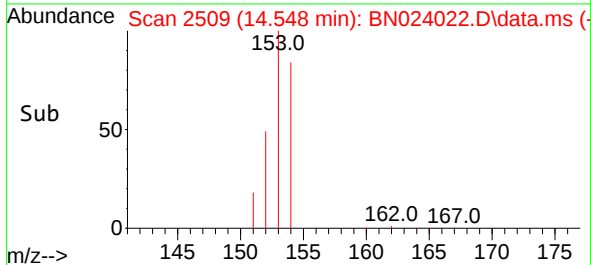
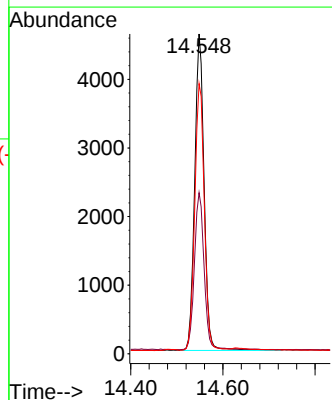
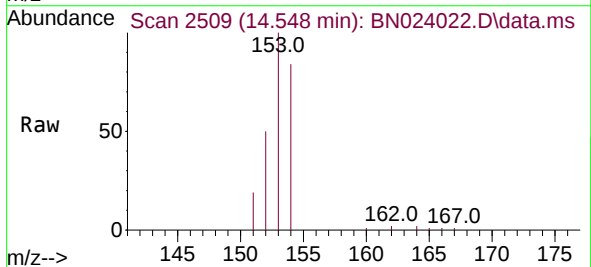
Instrument :
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ClientSampleId :
SLCS822

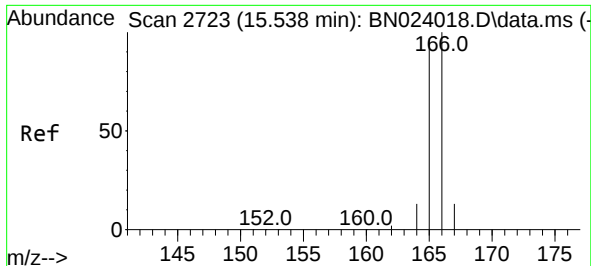
Tgt Ion:152 Resp: 7155
Ion Ratio Lower Upper
152 100
151 20.5 17.0 25.4
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.317 ng/ul
RT: 14.548 min Scan# 2509
Delta R.T. 0.000 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

Tgt Ion:153 Resp: 6529
Ion Ratio Lower Upper
153 100
152 50.4 39.6 59.4
154 84.5 68.8 103.2

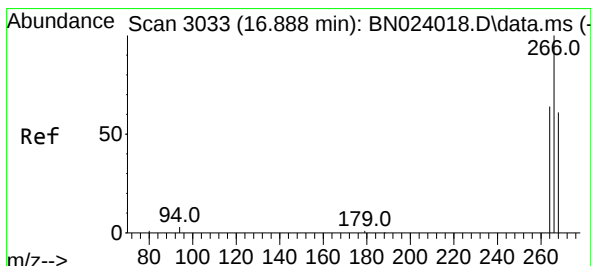
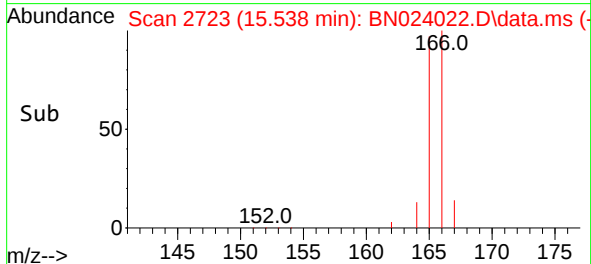
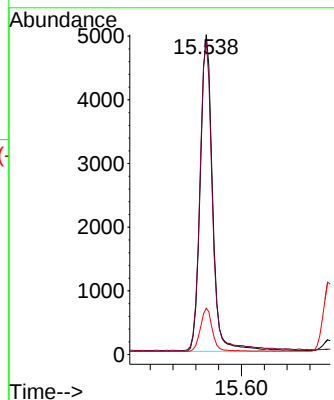
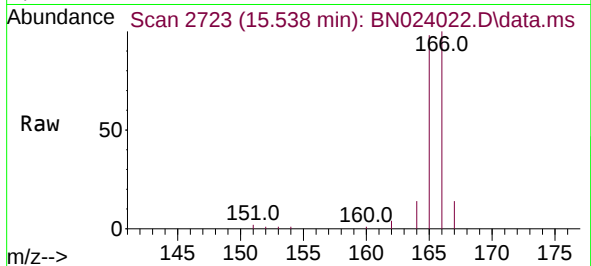




#12
Fluorene
Concen: 0.300 ng/ul
RT: 15.538 min Scan# 2723
Delta R.T. 0.000 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

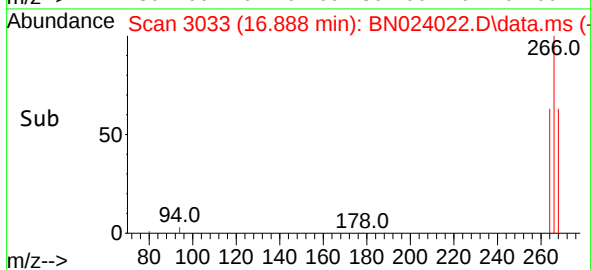
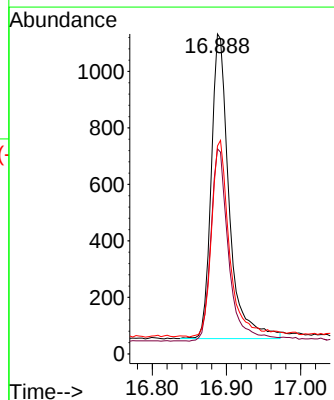
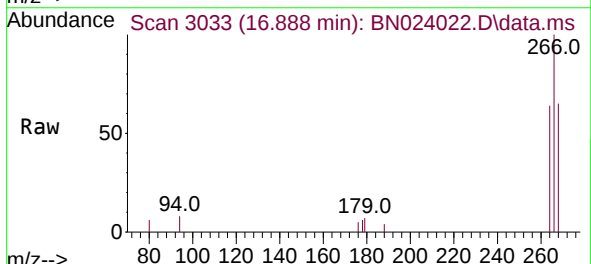
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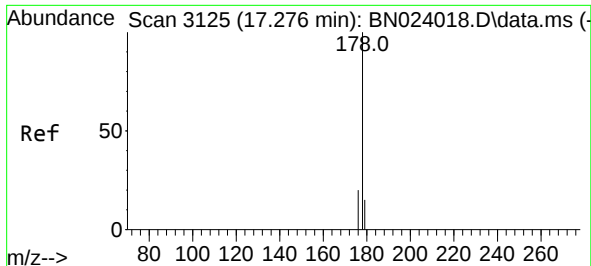
Tgt Ion:166 Resp: 7460
Ion Ratio Lower Upper
166 100
165 97.8 77.4 116.2
167 14.5 11.4 17.0



#14
Pentachlorophenol
Concen: 0.415 ng/ul
RT: 16.888 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

Tgt Ion:266 Resp: 1806
Ion Ratio Lower Upper
266 100
264 63.2 49.4 74.0
268 65.7 52.0 78.0

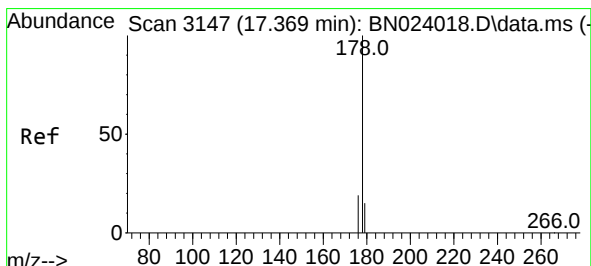
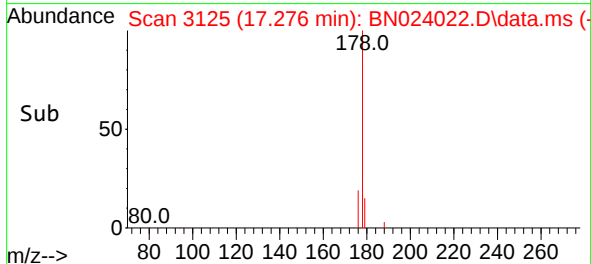
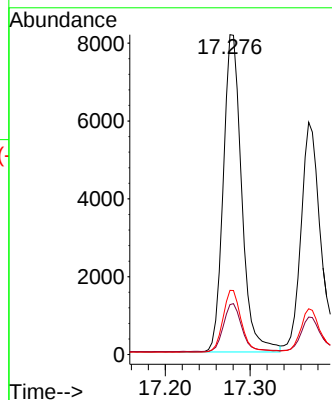
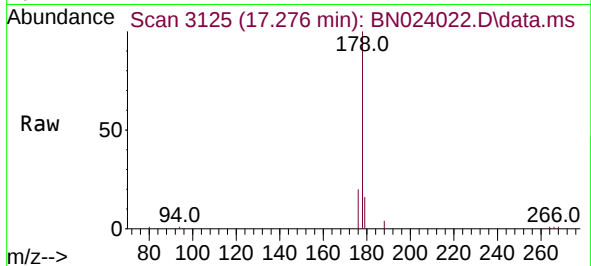




#15
Phenanthrene
Concen: 0.313 ng/ul
RT: 17.276 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

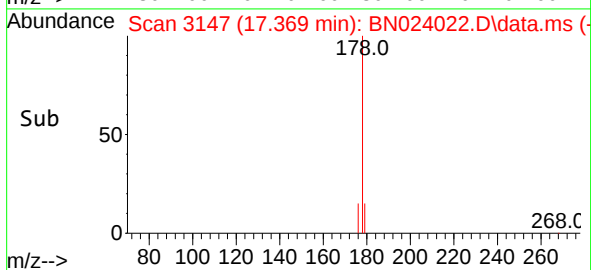
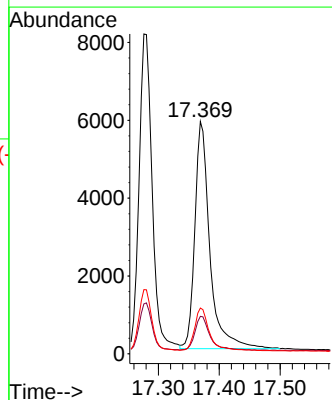
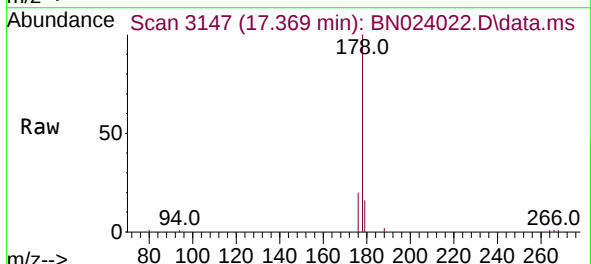
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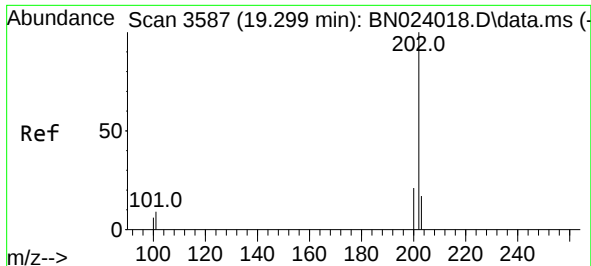
Tgt Ion:178 Resp: 12320
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 20.0 15.7 23.5



#16
Anthracene
Concen: 0.303 ng/ul
RT: 17.369 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

Tgt Ion:178 Resp: 9973
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.0
176 19.7 15.4 23.2

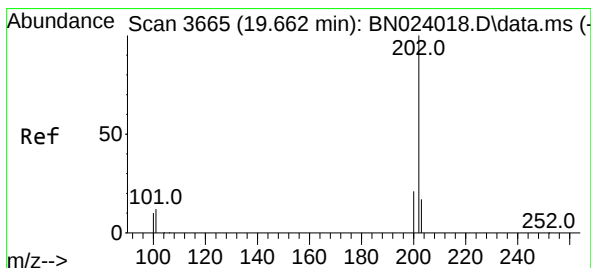
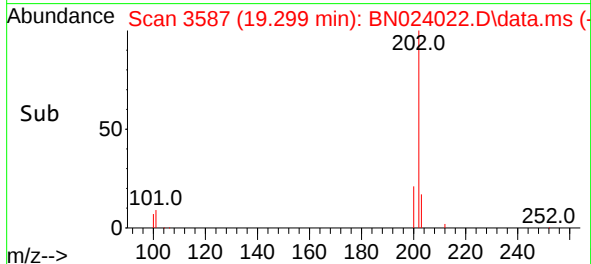
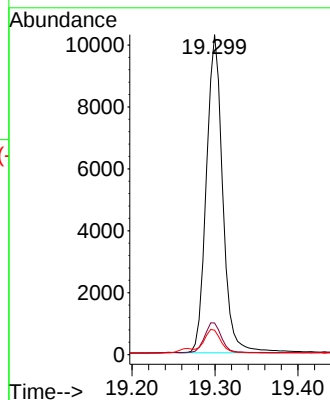
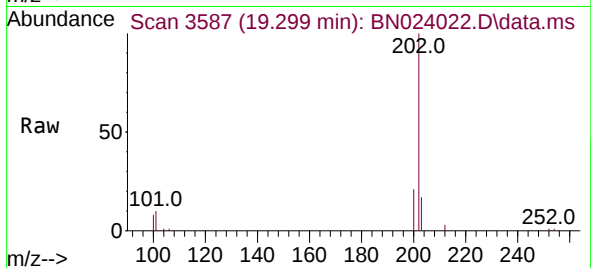




#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.299 min Scan# 3587
Delta R.T. 0.000 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

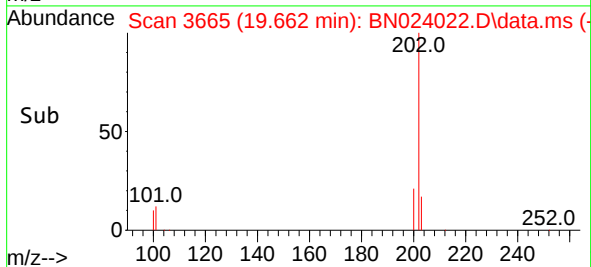
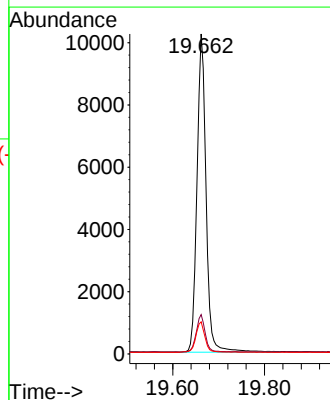
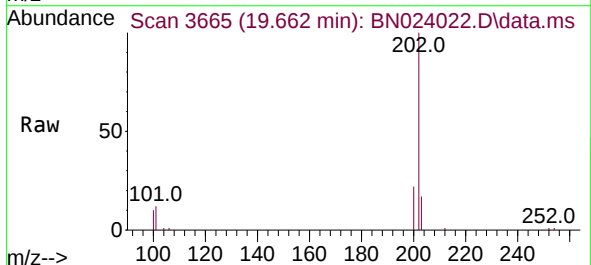
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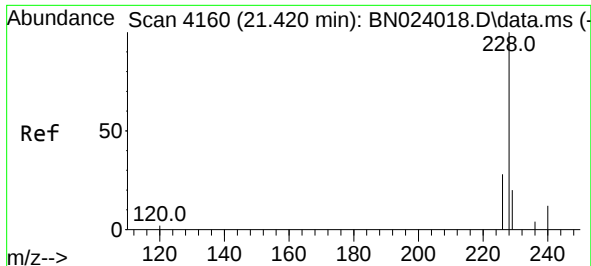
Tgt Ion:202 Resp: 14007
Ion Ratio Lower Upper
202 100
101 9.9 6.8 10.2
100 7.6 5.2 7.8



#20
Pyrene
Concen: 0.405 ng/ul
RT: 19.662 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

Tgt Ion:202 Resp: 14053
Ion Ratio Lower Upper
202 100
101 12.3 8.1 12.1#
100 10.0 6.2 9.4#

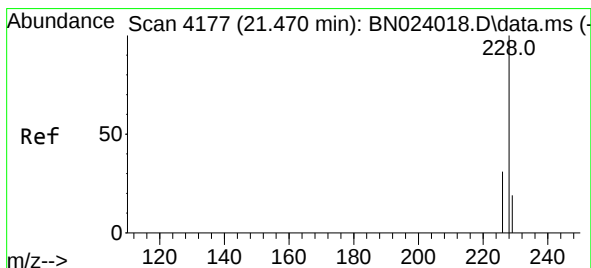
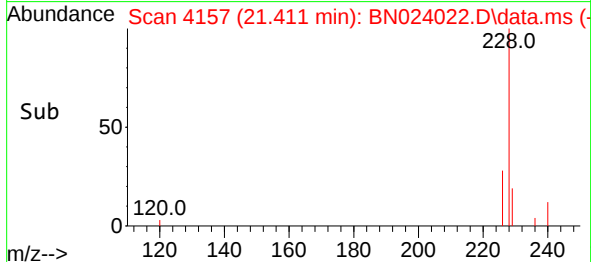
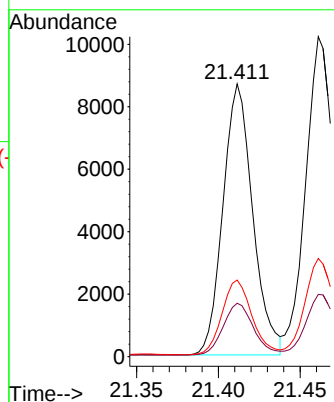
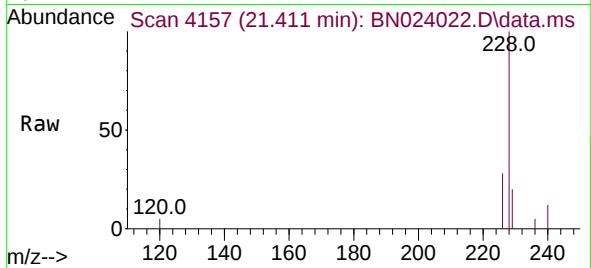




#21
Benzo(a)anthracene
Concen: 0.321 ng/ul
RT: 21.411 min Scan# 4160
Delta R.T. 0.000 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

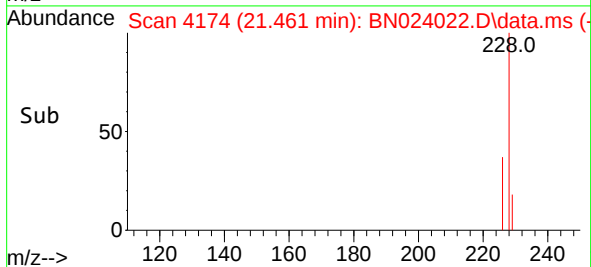
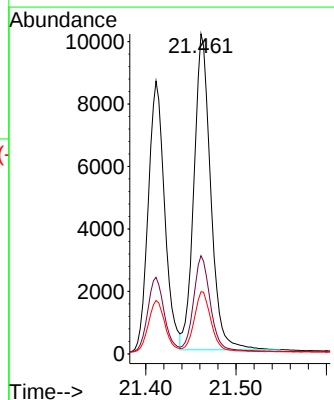
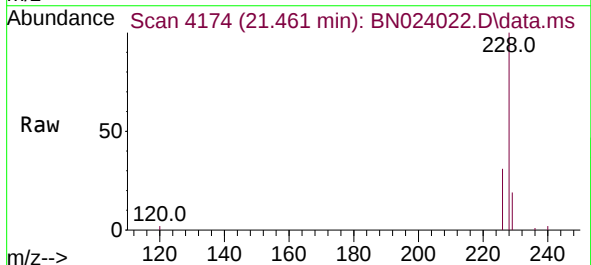
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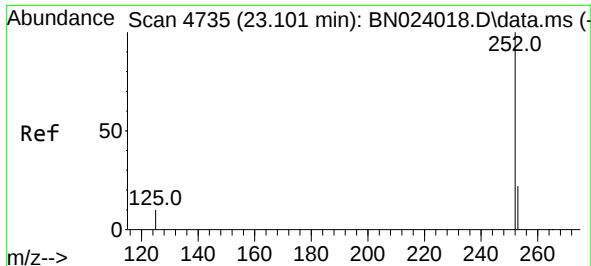
Tgt Ion:228 Resp: 11003
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 28.1 22.0 33.0



#22
Chrysene
Concen: 0.361 ng/ul
RT: 21.461 min Scan# 4174
Delta R.T. -0.006 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

Tgt Ion:228 Resp: 13001
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 19.4 15.5 23.3

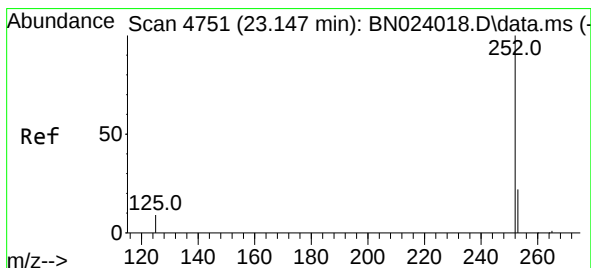
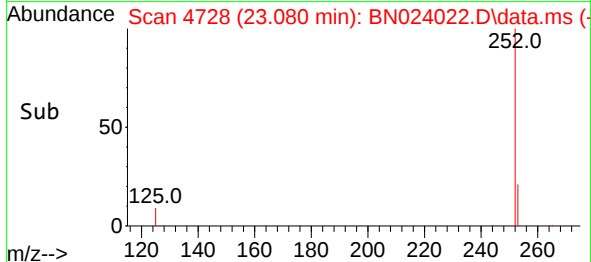
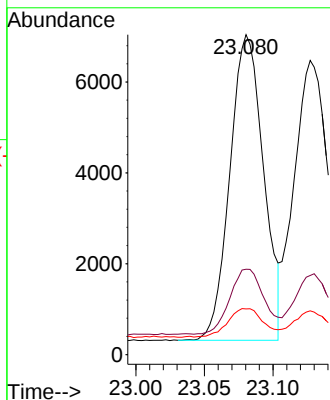
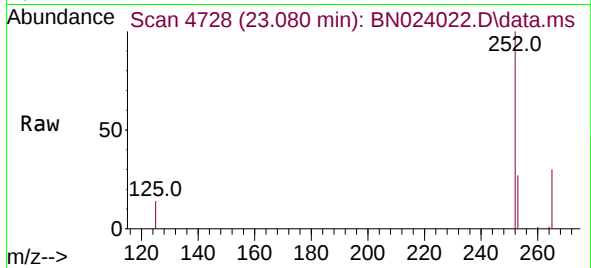




#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 23.080 min Scan# 4735
Delta R.T. -0.012 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

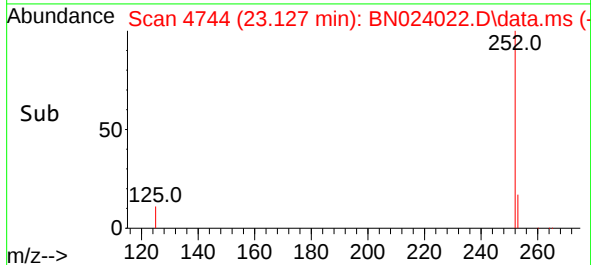
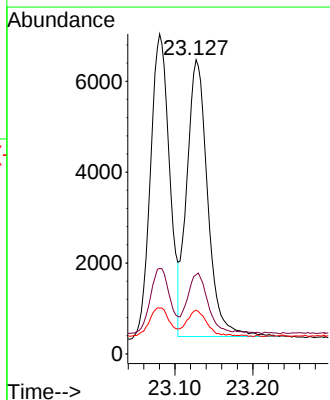
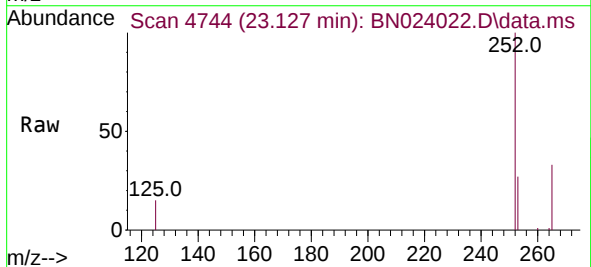
Instrument :
BNA_N
ClientSampleId :
SLCS822

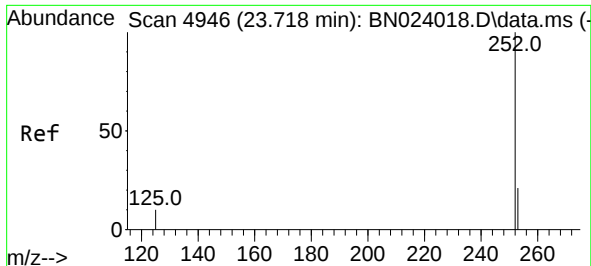
Tgt Ion:252 Resp: 11488
Ion Ratio Lower Upper
252 100
253 26.7 0.0 51.8
125 14.3 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.385 ng/ul
RT: 23.127 min Scan# 4744
Delta R.T. -0.012 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

Tgt Ion:252 Resp: 11365
Ion Ratio Lower Upper
252 100
253 26.9 20.2 30.2
125 14.9 9.0 13.4#

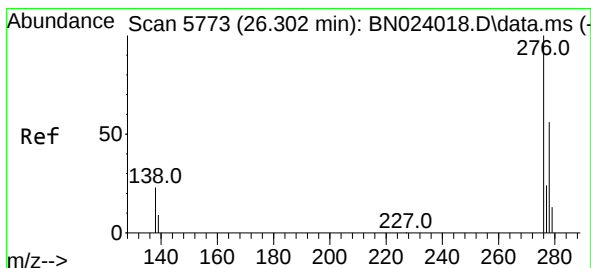
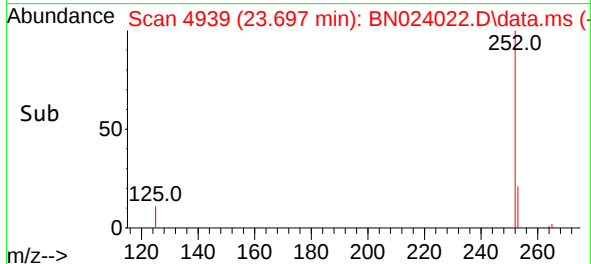
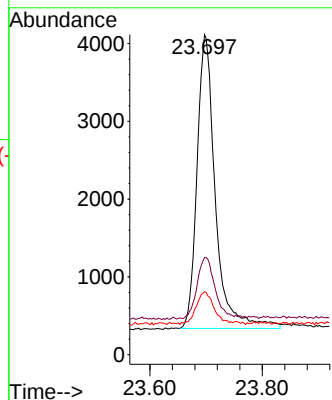
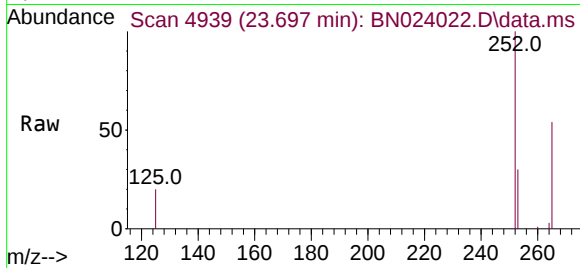




#26
Benzo(a)pyrene
Concen: 0.340 ng/ul
RT: 23.697 min Scan# 4946
Delta R.T. -0.009 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

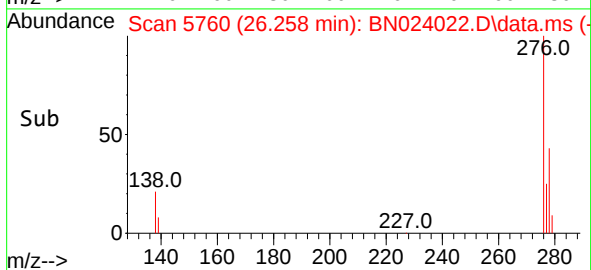
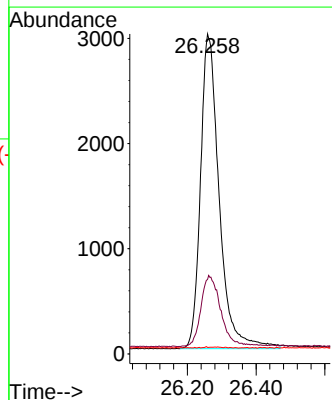
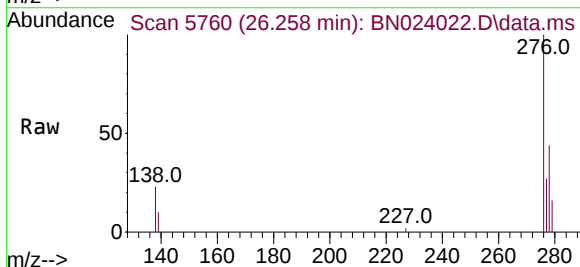
Instrument :
BNA_N
ClientSampleId :
SLCS822

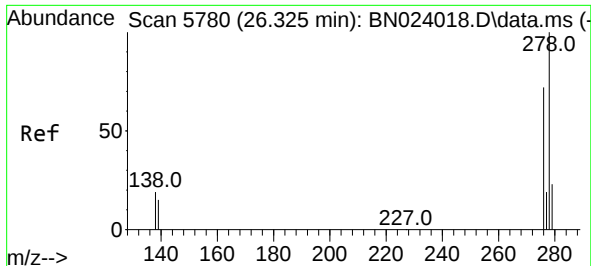
Tgt Ion:252 Resp: 8560
Ion Ratio Lower Upper
252 100
253 30.4 21.5 32.3
125 19.6 11.2 16.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.320 ng/ul
RT: 26.258 min Scan# 5760
Delta R.T. -0.034 min
Lab File: BN024022.D
Acq: 14 Feb 2023 13:58

Tgt Ion:276 Resp: 11297
Ion Ratio Lower Upper
276 100
138 24.0 17.0 25.6
227 0.1 0.2 0.4#

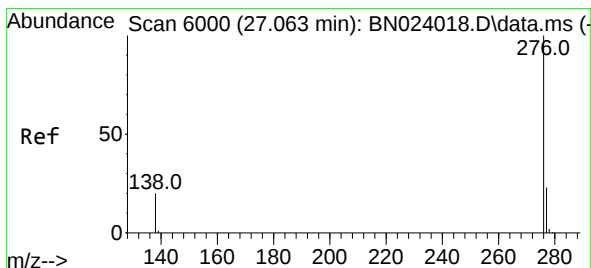
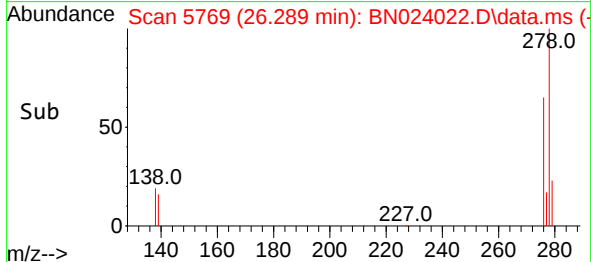
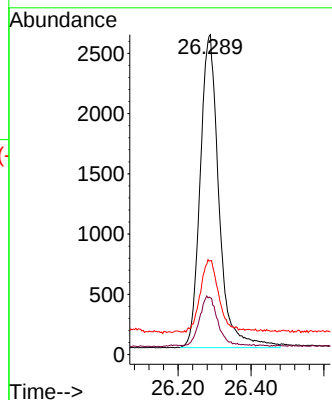
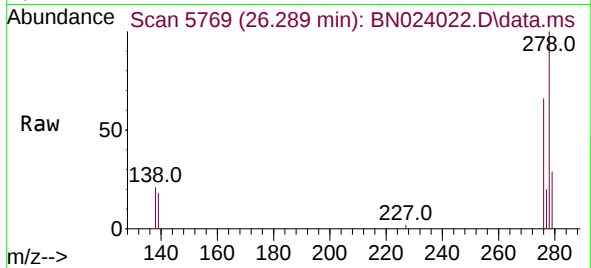




#28
 Dibenzo(a,h)anthracene
 Concen: 0.328 ng/ul
 RT: 26.289 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BN024022.D
 Acq: 14 Feb 2023 13:58

Instrument :
 BNA_N
 ClientSampleId :
 SLCS822

Tgt Ion:278 Resp: 9270
 Ion Ratio Lower Upper
 278 100
 139 17.7 12.3 18.5
 279 29.3 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.364 ng/ul
 RT: 27.013 min Scan# 5985
 Delta R.T. -0.034 min
 Lab File: BN024022.D
 Acq: 14 Feb 2023 13:58

Tgt Ion:276 Resp: 10576
 Ion Ratio Lower Upper
 276 100
 138 22.5 15.3 22.9
 277 25.6 19.9 29.9

