

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019871.D
 Acq On : 20 May 2022 16:28
 Operator : CG/JU
 Sample : PB144952BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS951

Quant Time: May 21 01:53:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

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

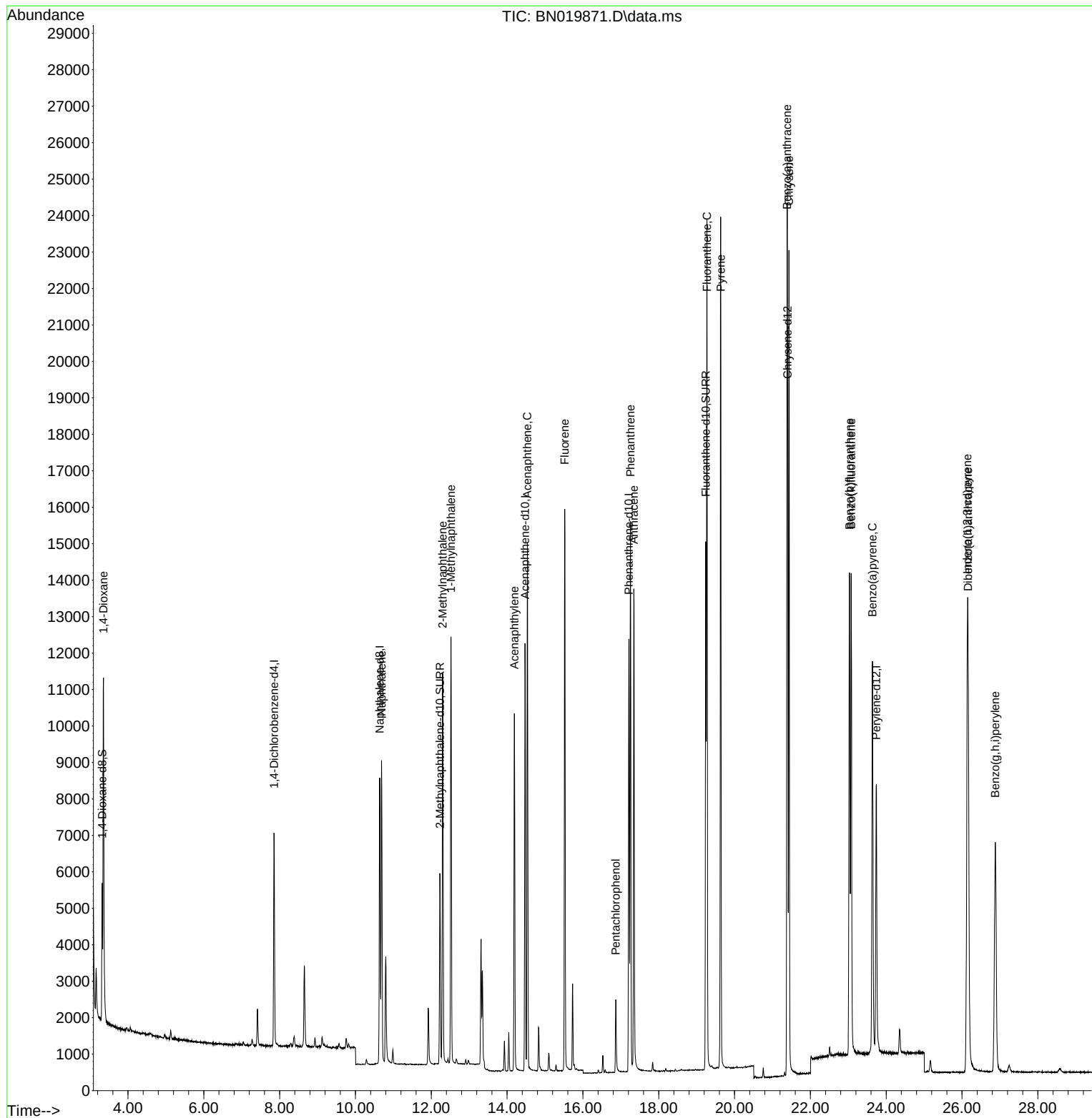
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3281	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	10788	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	6558	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	14003	0.400	ng/ul	0.00
17) Chrysene-d12	21.401	240	12825	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	10483	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	2559	0.659	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	6917	0.424	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	16427	0.405	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	6291	1.526	ng/ul#	80
5) Naphthalene	10.688	128	12048	0.345	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	7753	0.364	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	8099	0.411	ng/ul#	100
10) Acenaphthylene	14.191	152	11838	0.365	ng/ul	99
11) Acenaphthene	14.534	153	8633	0.331	ng/ul	98
12) Fluorene	15.519	166	9949	0.348	ng/ul	99
14) Pentachlorophenol	16.866	266	1519	0.504	ng/ul	90
15) Phenanthrene	17.255	178	17147	0.333	ng/ul	99
16) Anthracene	17.343	178	15302	0.364	ng/ul	98
19) Fluoranthene	19.271	202	19994	0.341	ng/ul	99
20) Pyrene	19.634	202	20318	0.347	ng/ul	100
21) Benzo(a)anthracene	21.383	228	18640	0.389	ng/ul	100
22) Chrysene	21.436	228	19974	0.354	ng/ul	100
24) Benzo(b)fluoranthene	23.029	252	17909	0.337	ng/ul	92
25) Benzo(k)fluoranthene	23.079	252	18349	0.358	ng/ul	97
26) Benzo(a)pyrene	23.637	252	16742	0.370	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.142	276	17237	0.305	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.159	278	14215	0.301	ng/ul#	81
29) Benzo(g,h,i)perylene	26.877	276	14167	0.274	ng/ul	97

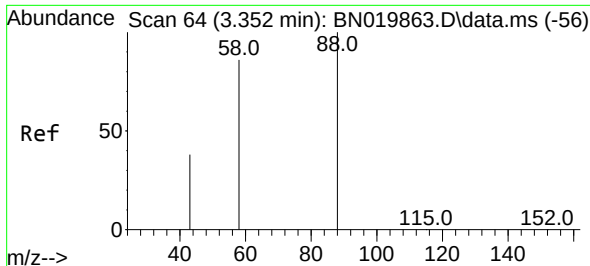
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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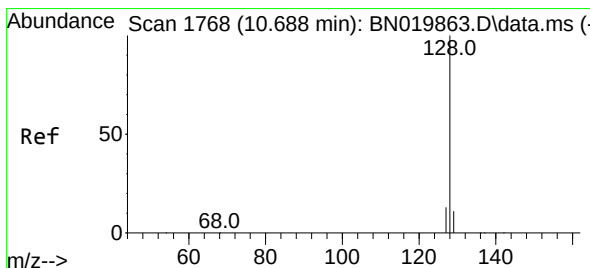
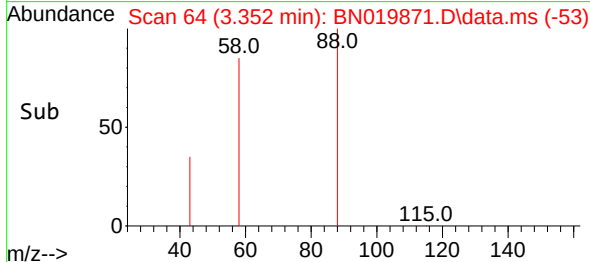
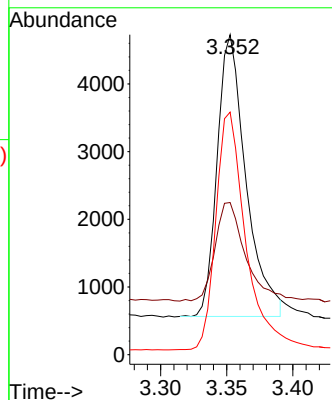
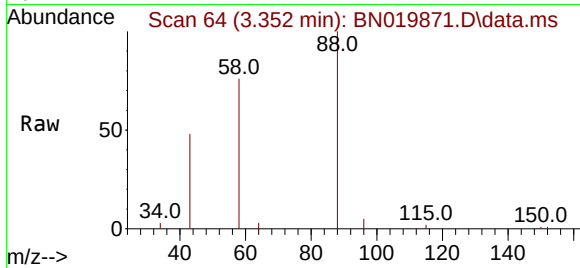




#2
 1,4-Dioxane
 Concen: 1.526 ng/ul
 RT: 3.352 min Scan# 64
 Delta R.T. -0.005 min
 Lab File: BN019871.D
 Acq: 20 May 2022 16:28

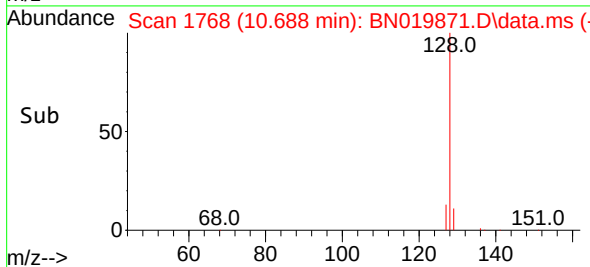
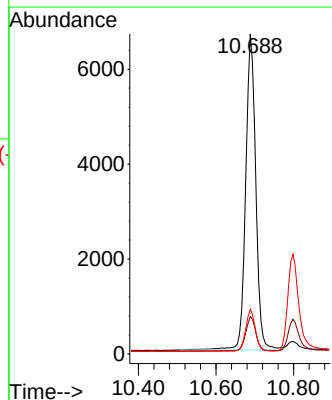
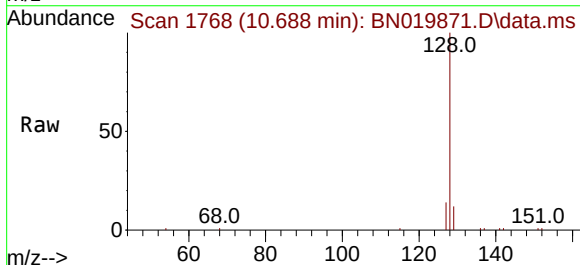
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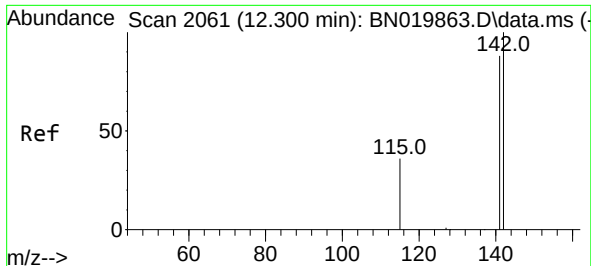
Tgt Ion: 88 Resp: 6291
 Ion Ratio Lower Upper
 88 100
 43 47.5 39.0 58.4
 58 75.8 39.8 59.8#



#5
 Naphthalene
 Concen: 0.345 ng/ul
 RT: 10.688 min Scan# 1768
 Delta R.T. -0.006 min
 Lab File: BN019871.D
 Acq: 20 May 2022 16:28

Tgt Ion: 128 Resp: 12048
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.5 14.3
 127 14.0 11.0 16.4

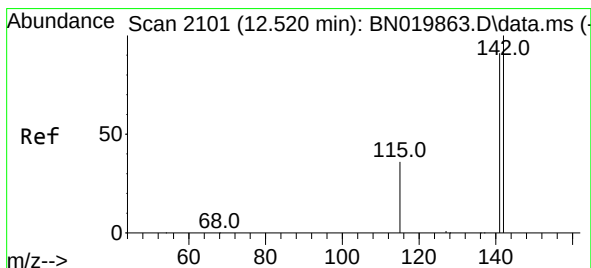
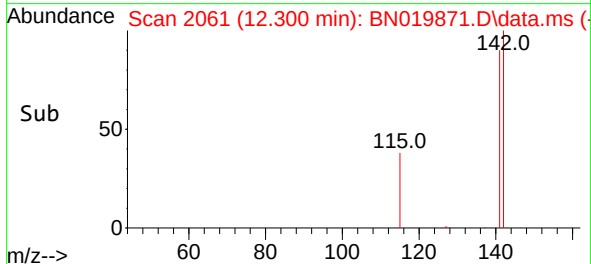
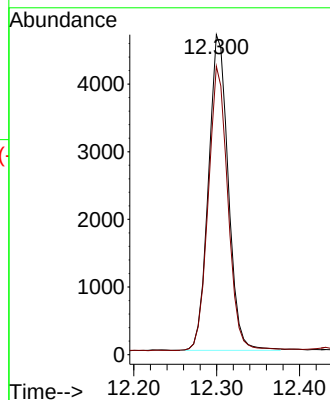
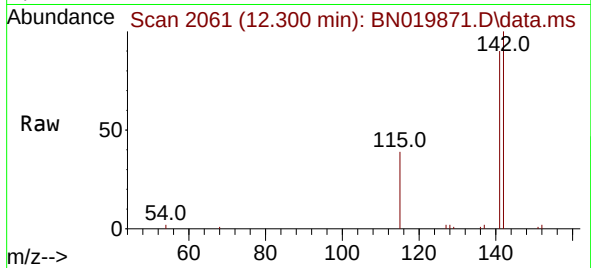




#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

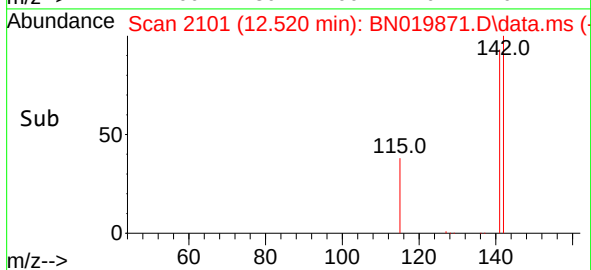
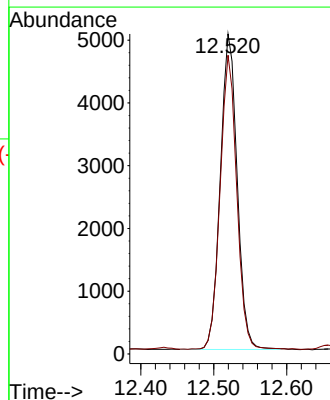
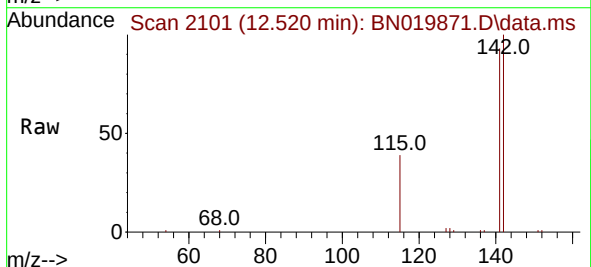
Instrument :
BNA_N
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SLCS951

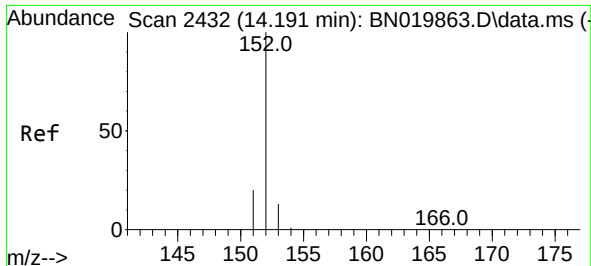
Tgt Ion:142 Resp: 7753
Ion Ratio Lower Upper
142 100
141 89.1 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:142 Resp: 8099
Ion Ratio Lower Upper
142 100
141 92.1 0.0 0.0#

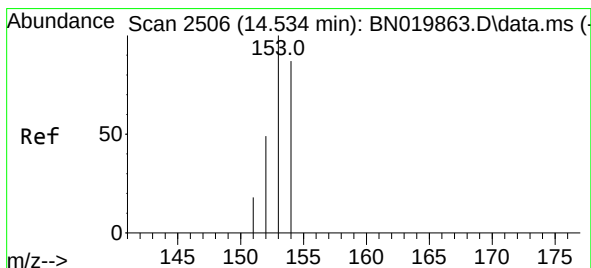
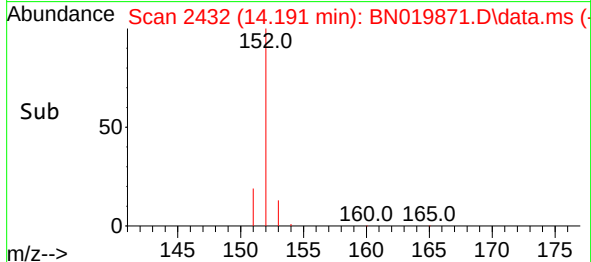
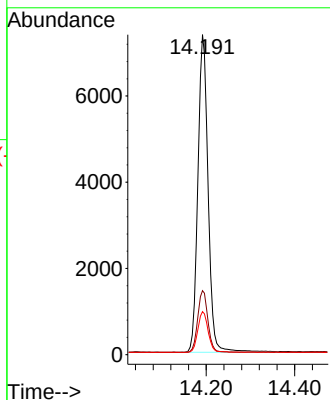
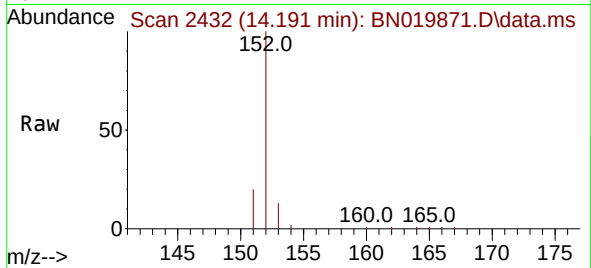




#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 14.191 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

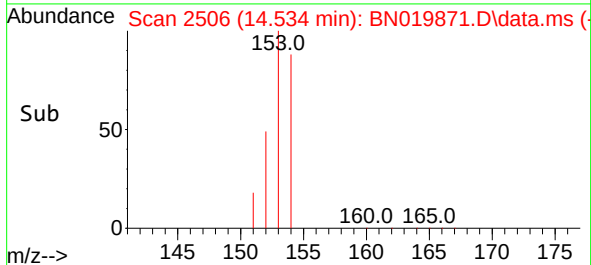
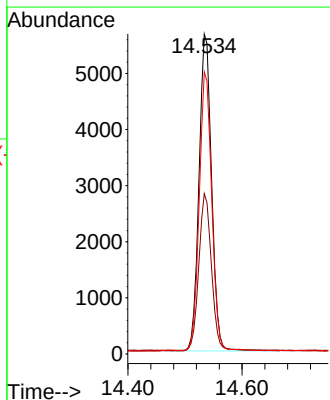
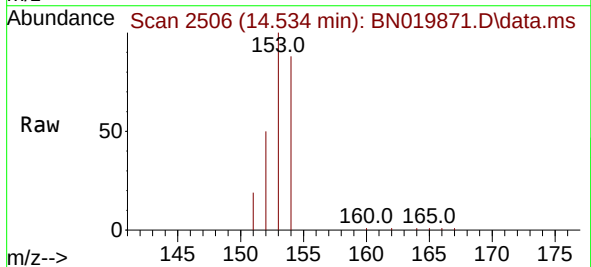
Instrument :
BNA_N
ClientSampleId :
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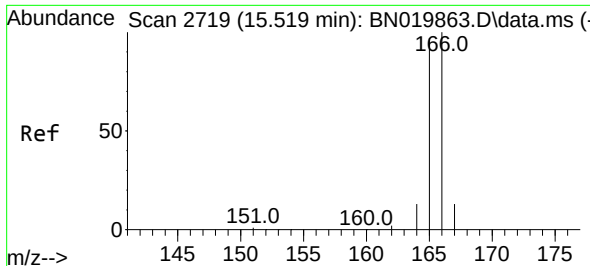
Tgt Ion:152 Resp: 11838
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:153 Resp: 8633
Ion Ratio Lower Upper
153 100
152 50.1 38.6 57.8
154 88.1 71.2 106.8

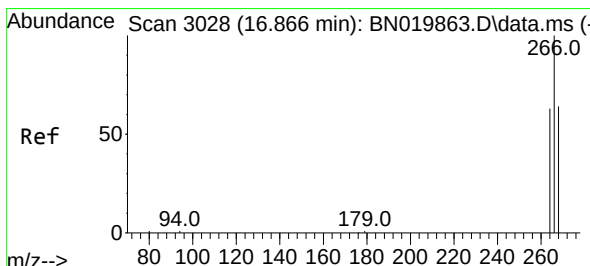
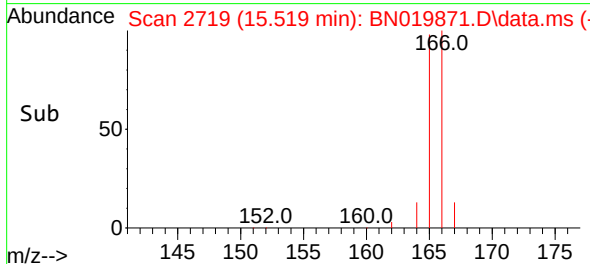
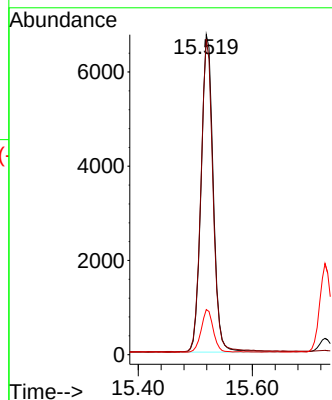
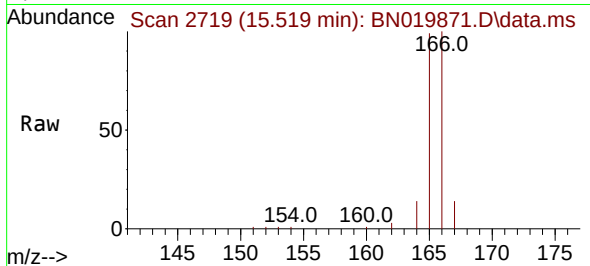




#12
Fluorene
Concen: 0.348 ng/ul
RT: 15.519 min Scan# 2719
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

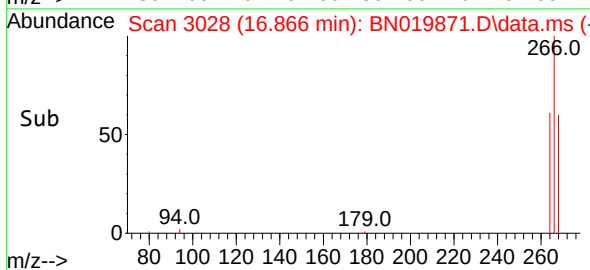
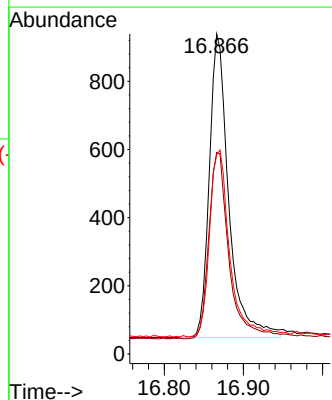
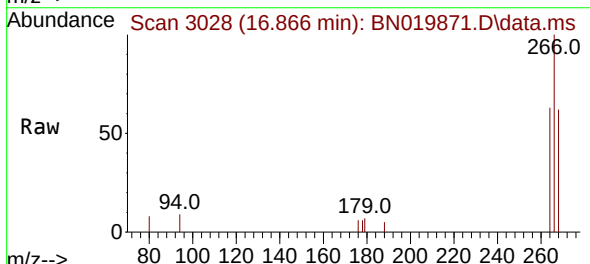
Instrument :
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ClientSampleId :
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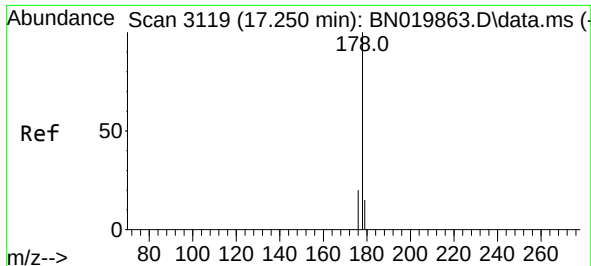
Tgt Ion:166 Resp: 9949
Ion Ratio Lower Upper
166 100
165 98.7 78.2 117.2
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.504 ng/ul
RT: 16.866 min Scan# 3028
Delta R.T. -0.000 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:266 Resp: 1519
Ion Ratio Lower Upper
266 100
264 63.3 44.9 67.3
268 63.8 44.6 67.0

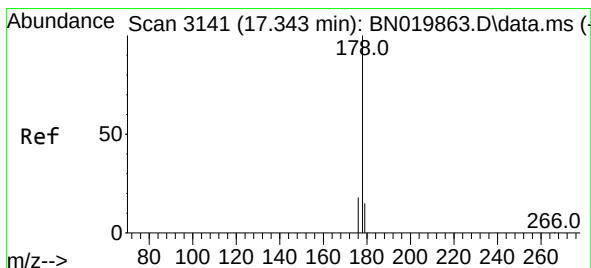
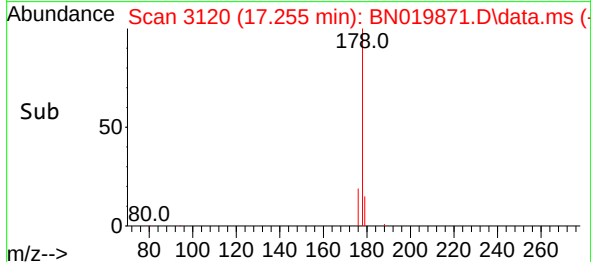
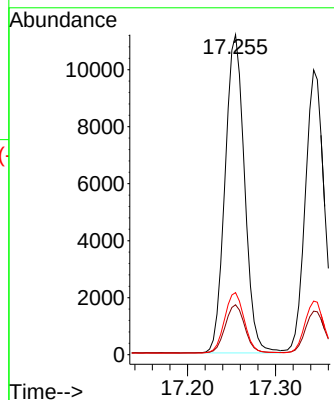
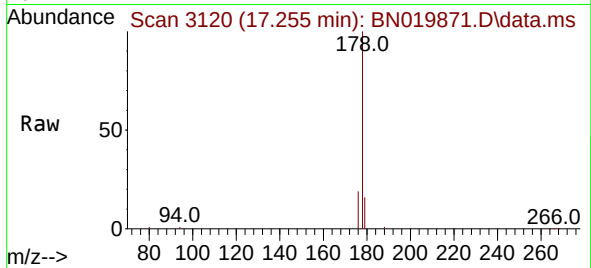




#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 17.255 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

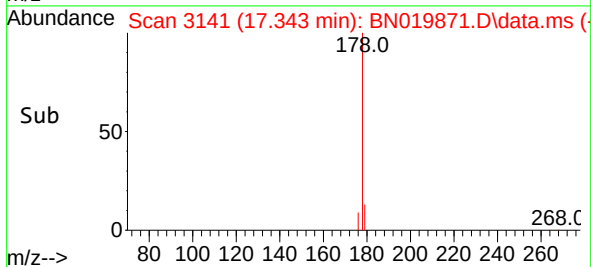
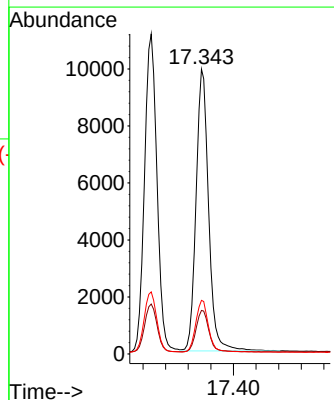
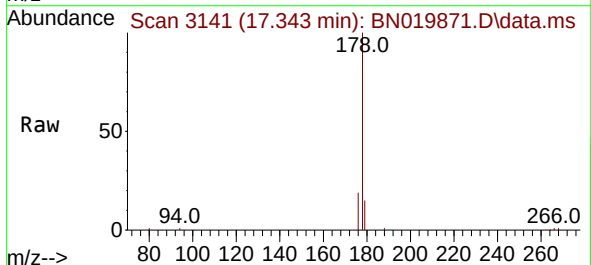
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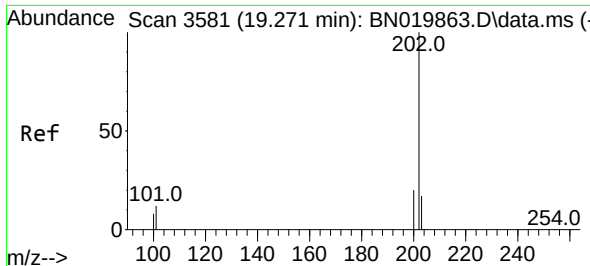
Tgt Ion:178 Resp: 17147
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.4 15.5 23.3



#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:178 Resp: 15302
Ion Ratio Lower Upper
178 100
179 15.3 13.1 19.7
176 18.8 15.3 22.9

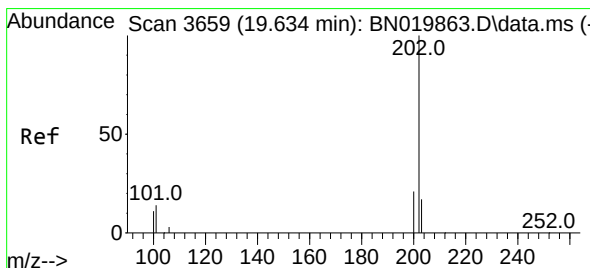
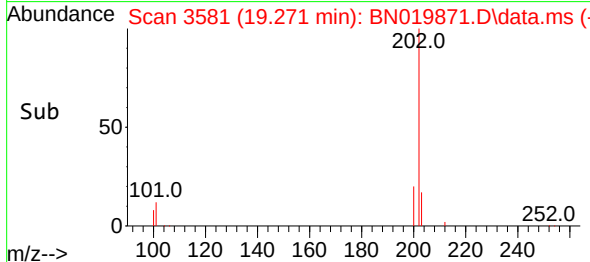
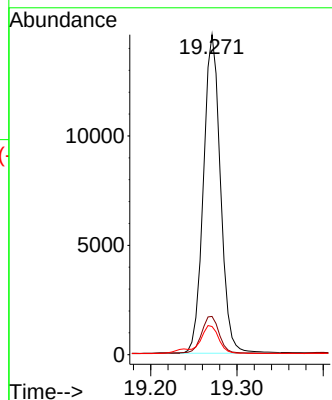
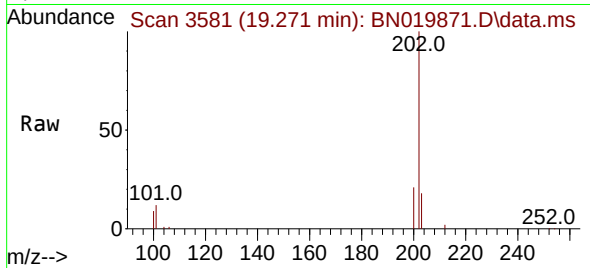




#19
Fluoranthene
Concen: 0.341 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

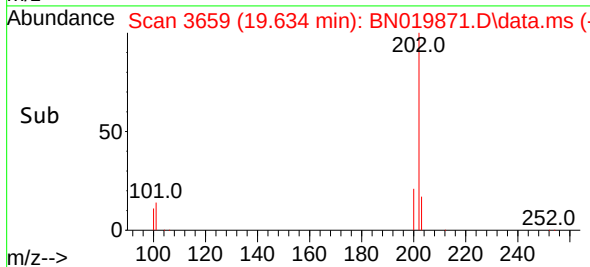
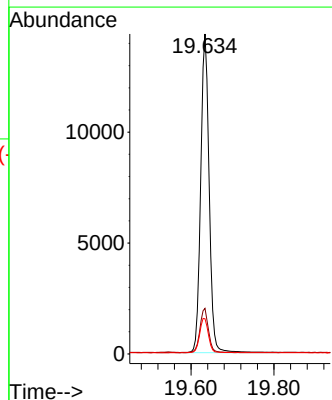
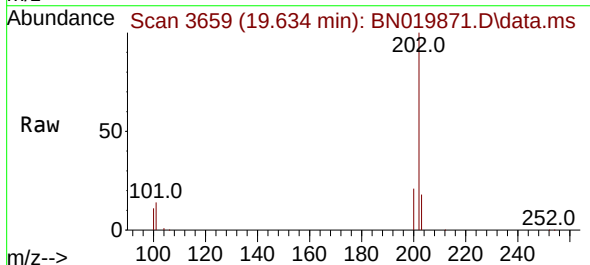
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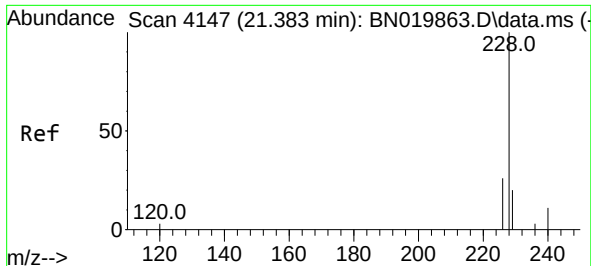
Tgt Ion:202 Resp: 19994
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 8.8 7.4 11.2



#20
Pyrene
Concen: 0.347 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:202 Resp: 20318
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 11.0 9.0 13.4

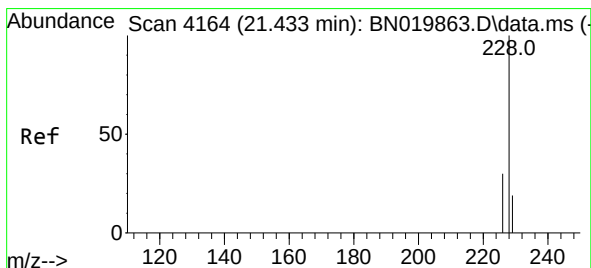
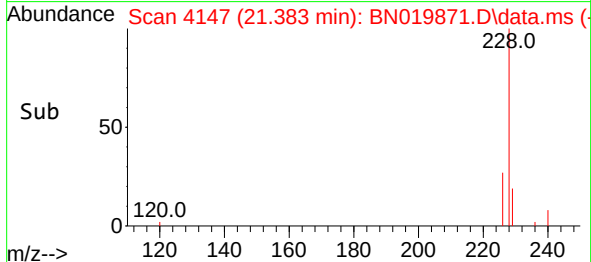
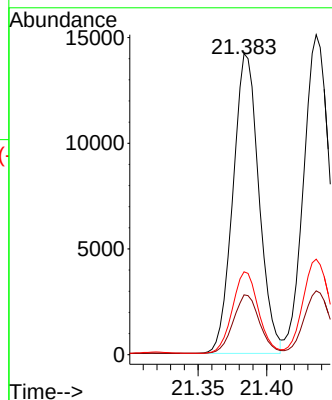
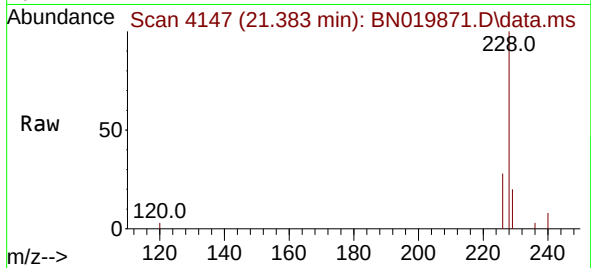




#21
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.383 min Scan# 4147
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

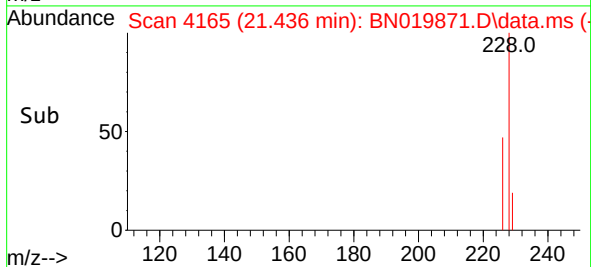
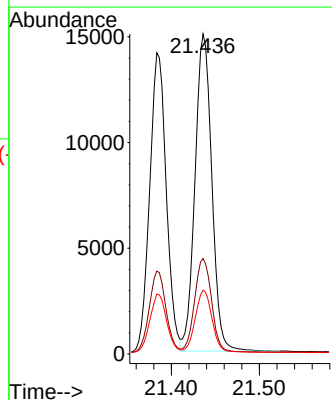
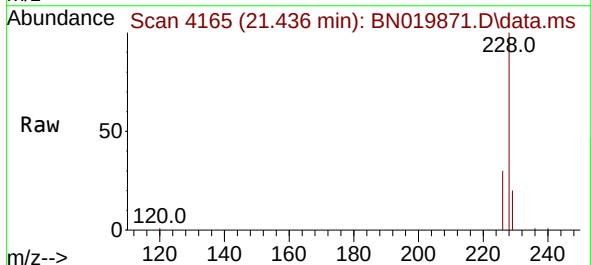
Instrument :
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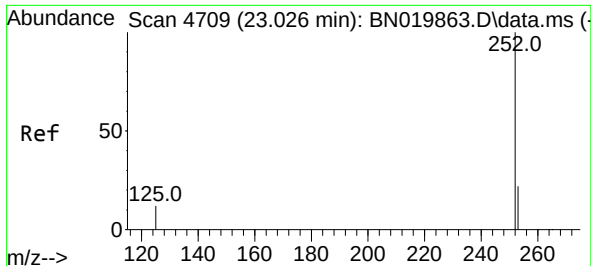
Tgt Ion:228 Resp: 18640
Ion Ratio Lower Upper
228 100
229 19.9 16.1 24.1
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.436 min Scan# 4165
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

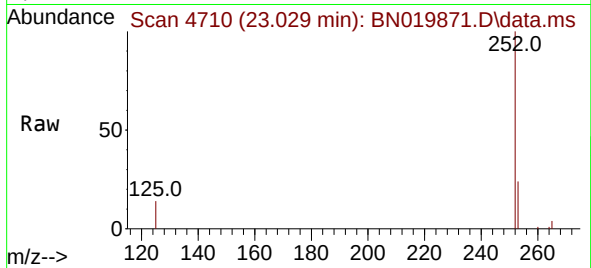
Tgt Ion:228 Resp: 19974
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 19.9 16.0 24.0



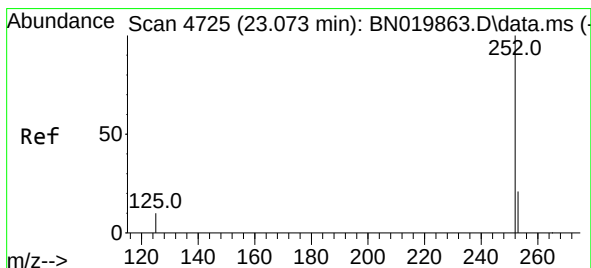
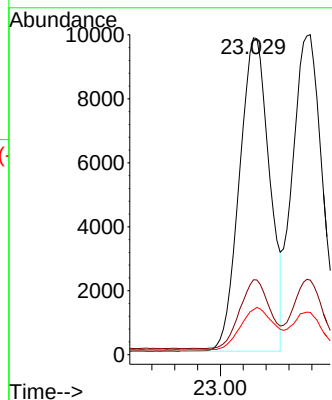


#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.029 min Scan# 4710
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Instrument :
BNA_N
ClientSampleId :
SLCS951

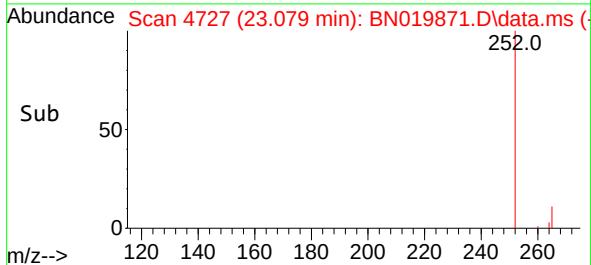
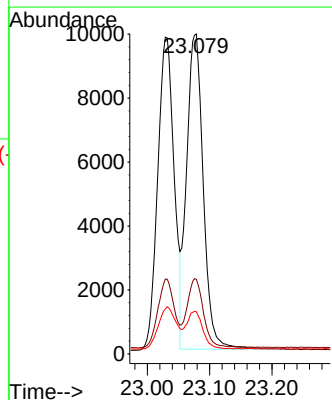
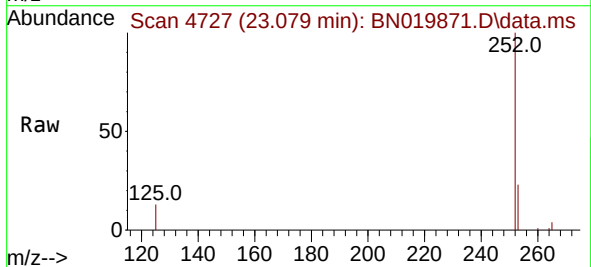


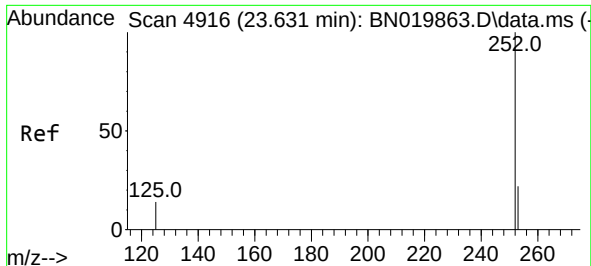
Tgt Ion:252 Resp: 17909
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.0
125 14.2 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.358 ng/ul
RT: 23.079 min Scan# 4727
Delta R.T. -0.002 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:252 Resp: 18349
Ion Ratio Lower Upper
252 100
253 23.3 20.2 30.2
125 13.2 11.0 16.6

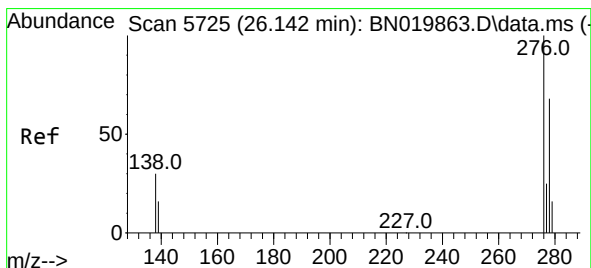
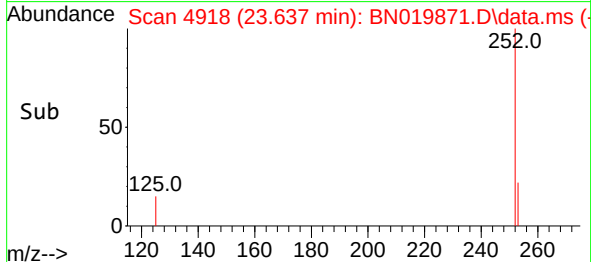
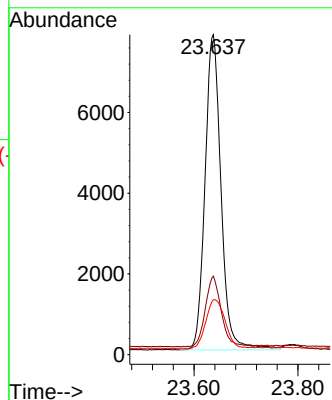
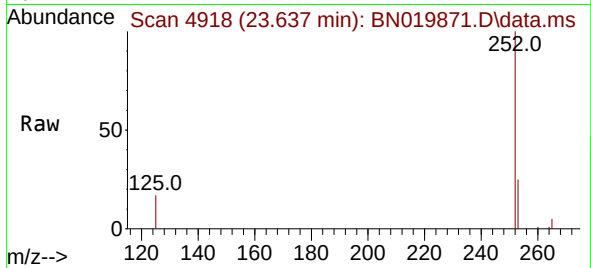




#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.637 min Scan# 4916
Delta R.T. -0.002 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

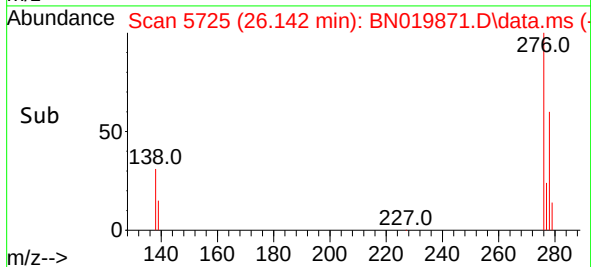
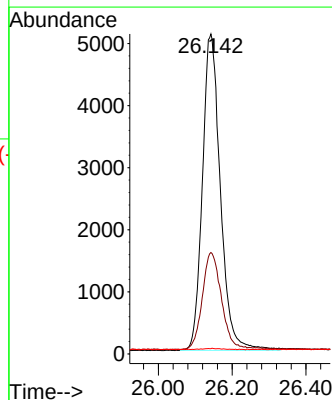
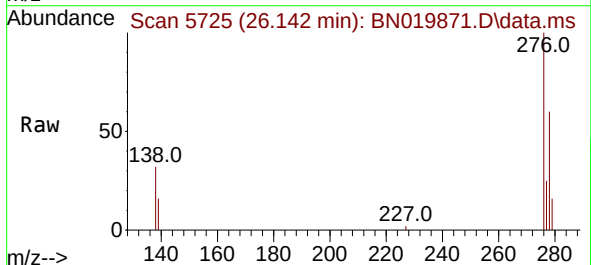
Instrument :
BNA_N
ClientSampleId :
SLCS951

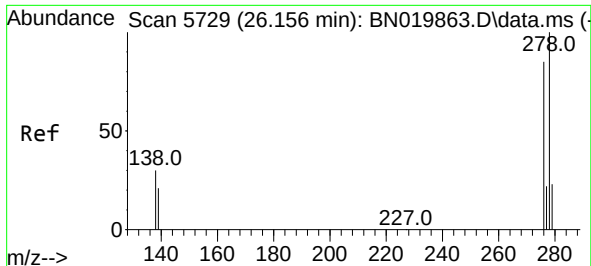
Tgt Ion:252 Resp: 16742
Ion Ratio Lower Upper
252 100
253 24.5 23.4 35.0
125 17.2 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.305 ng/ul
RT: 26.142 min Scan# 5725
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:276 Resp: 17237
Ion Ratio Lower Upper
276 100
138 32.5 23.6 35.4
227 0.2 0.0 0.0#

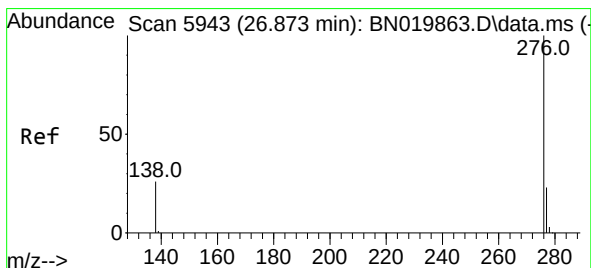
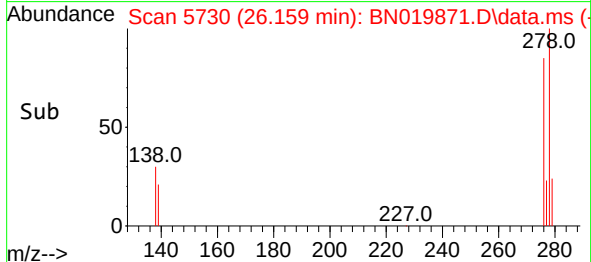
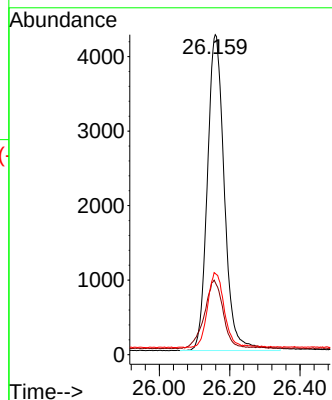
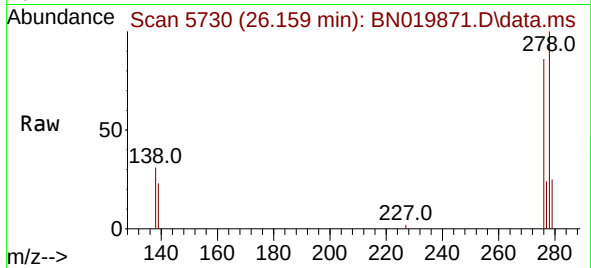




#28
Dibenzo(a,h)anthracene
Concen: 0.301 ng/ul
RT: 26.159 min Scan# 51
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Instrument :
BNA_N
ClientSampleId :
SLCS951

Tgt Ion:278 Resp: 14215
Ion Ratio Lower Upper
278 100
139 22.6 18.6 28.0
279 25.4 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.274 ng/ul
RT: 26.877 min Scan# 5944
Delta R.T. -0.002 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:276 Resp: 14167
Ion Ratio Lower Upper
276 100
138 28.7 20.9 31.3
277 24.9 20.4 30.6

