

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070723\
 Data File : BN026353.D
 Acq On : 07 Jul 2023 11:25
 Operator : MA/JU
 Sample : PB153595BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS595

Quant Time: Jul 07 12:10:54 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 06 17:50:03 2023
 Response via : Initial Calibration

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

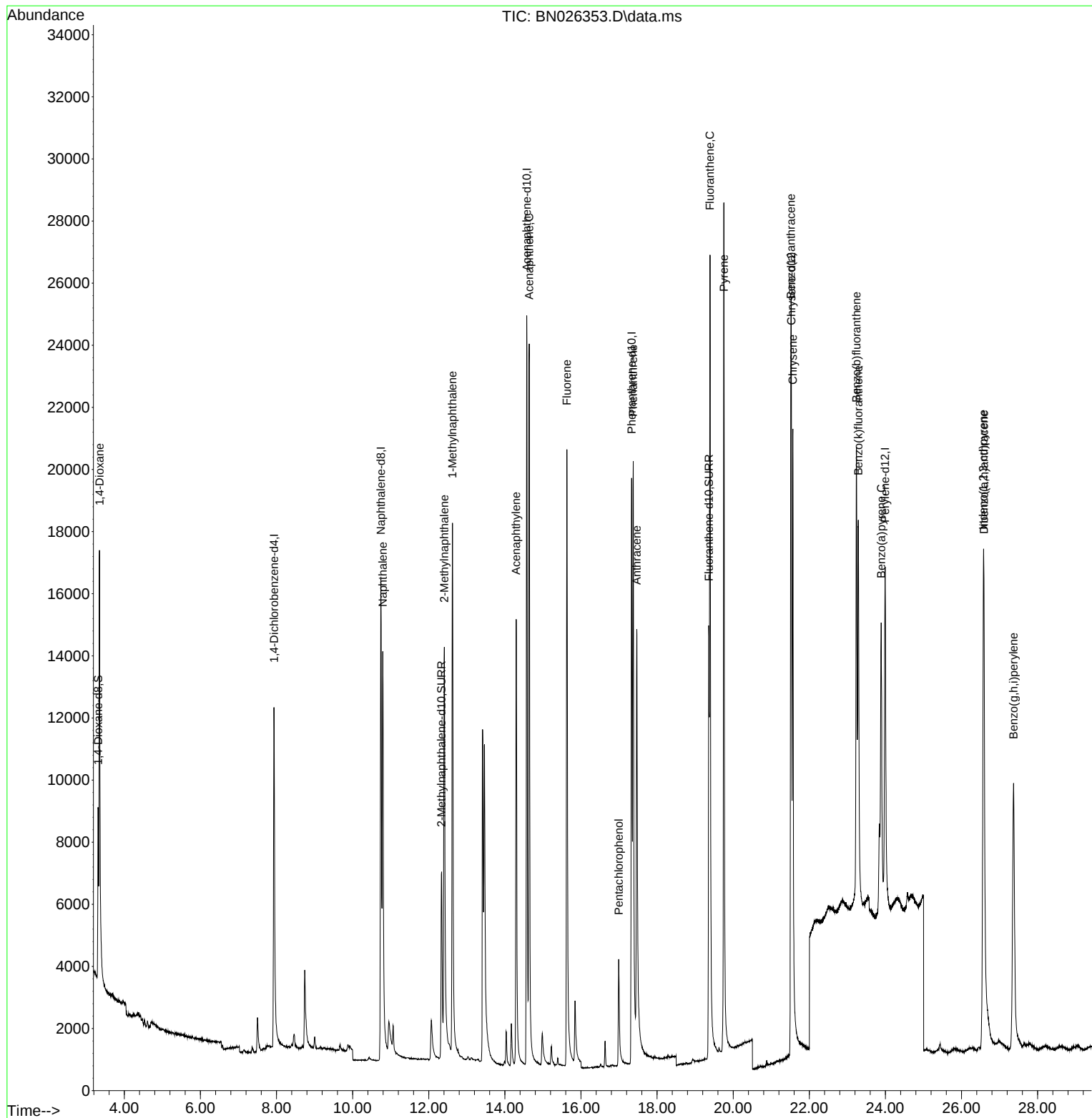
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	8072	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	27253	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	15358	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	27690	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	17106	0.400	ng/ul	0.00
23) Perylene-d12	23.993	264	17169	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	4443	0.489	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	10821	0.258	ng/ul	0.00
18) Fluoranthene-d10	19.359	212	19349	0.297	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.348	88	11039	1.144	ng/ul#	88
5) Naphthalene	10.792	128	22058	0.282	ng/ul	99
7) 2-Methylnaphthalene	12.409	142	12890	0.259	ng/ul	99
8) 1-Methylnaphthalene	12.623	142	13922	0.270	ng/ul	100
10) Acenaphthylene	14.297	152	20939	0.291	ng/ul	100
11) Acenaphthene	14.639	153	16383	0.278	ng/ul	100
12) Fluorene	15.629	166	17193	0.255	ng/ul	98
14) Pentachlorophenol	16.992	266	3262	0.329	ng/ul	100
15) Phenanthrene	17.372	178	24872	0.272	ng/ul	99
16) Anthracene	17.465	178	21737	0.267	ng/ul	98
19) Fluoranthene	19.391	202	27200	0.298	ng/ul	98
20) Pyrene	19.754	202	28374	0.299	ng/ul	97
21) Benzo(a)anthracene	21.514	228	19871	0.282	ng/ul	99
22) Chrysene	21.567	228	21406	0.292	ng/ul	99
24) Benzo(b)fluoranthene	23.239	252	21254	0.290	ng/ul	98
25) Benzo(k)fluoranthene	23.288	252	20798	0.283	ng/ul	98
26) Benzo(a)pyrene	23.888	252	17424	0.274	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.574	276	23819	0.343	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.588	278	17758	0.338	ng/ul	97
29) Benzo(g,h,i)perylene	27.366	276	21886	0.354	ng/ul	96

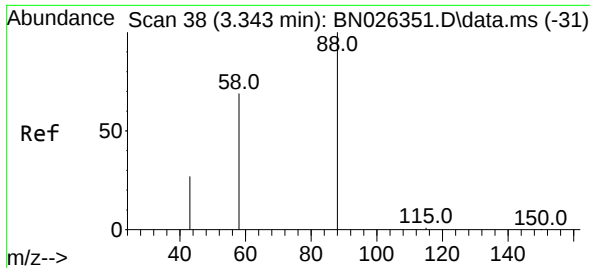
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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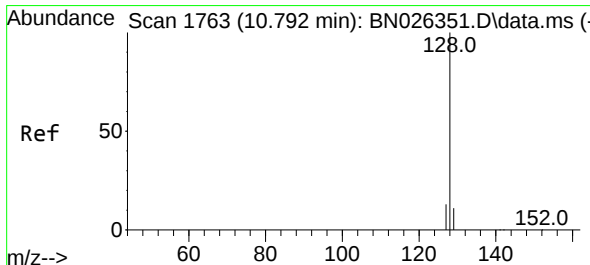
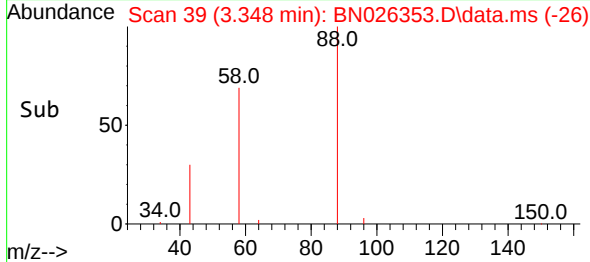
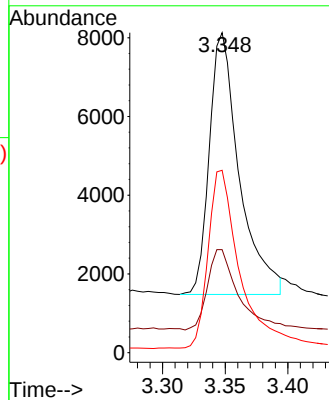
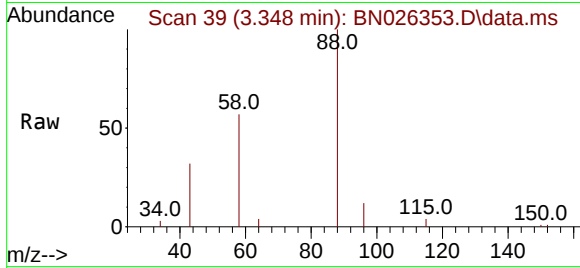




#2
1,4-Dioxane
Concen: 1.144 ng/ul
RT: 3.348 min Scan# 39
Delta R.T. 0.004 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

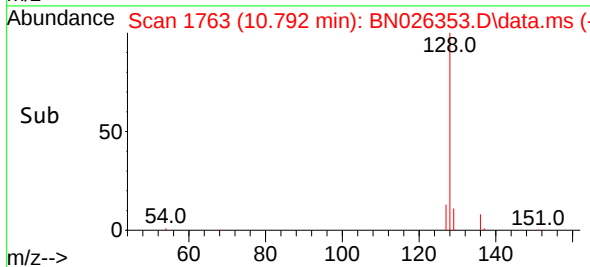
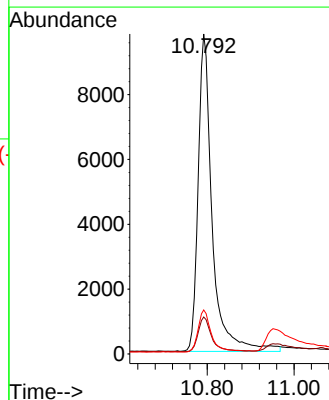
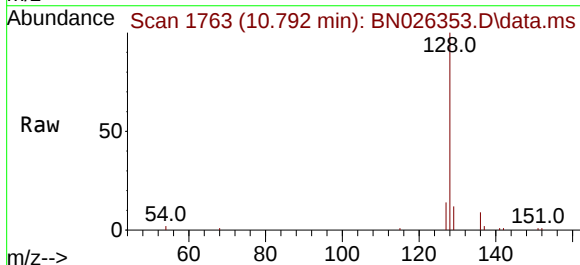
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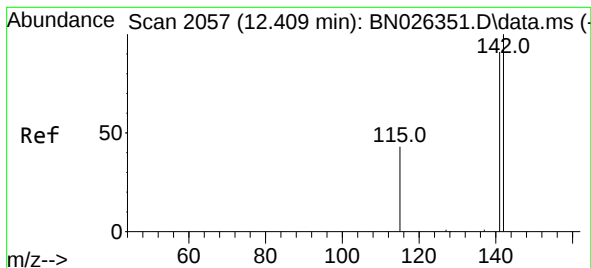
Tgt Ion: 88 Resp: 11039
Ion Ratio Lower Upper
88 100
43 32.2 29.5 44.3
58 57.0 37.4 56.2#



#5
Naphthalene
Concen: 0.282 ng/ul
RT: 10.792 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

Tgt Ion:128 Resp: 22058
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.7 10.7 16.1

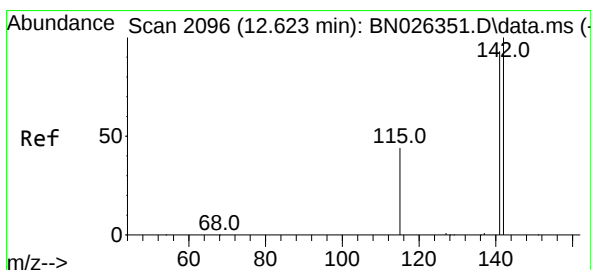
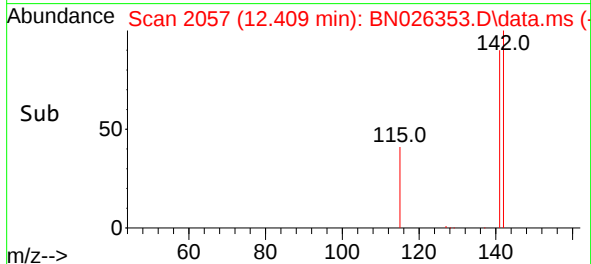
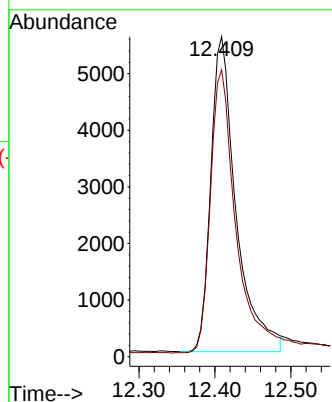
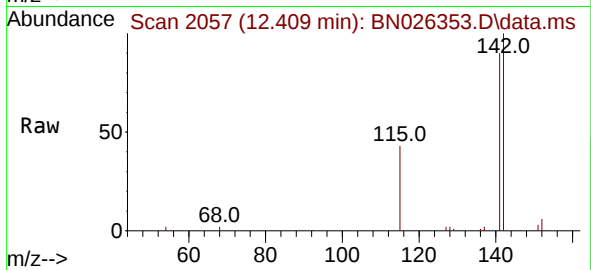




#7
2-Methylnaphthalene
Concen: 0.259 ng/ul
RT: 12.409 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

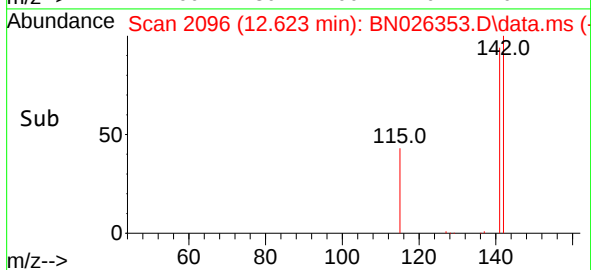
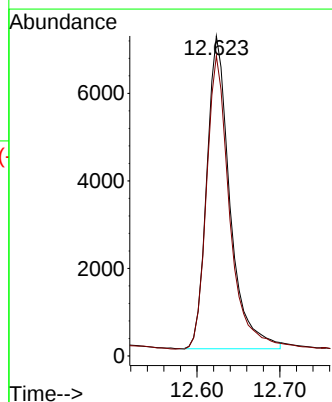
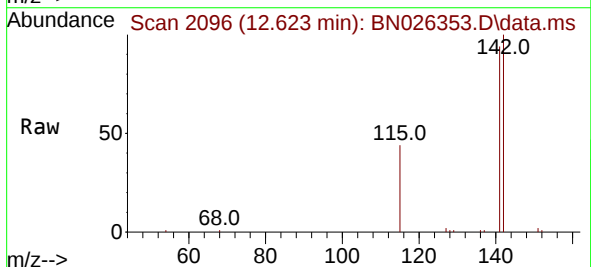
Instrument :
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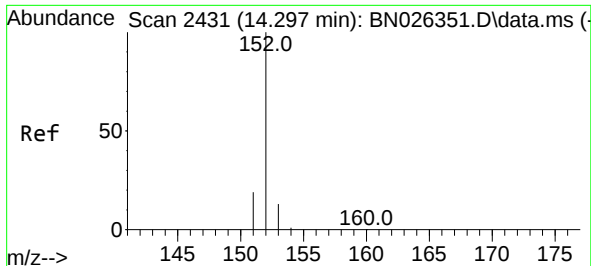
Tgt Ion:142 Resp: 12890
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.270 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

Tgt Ion:142 Resp: 13922
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4

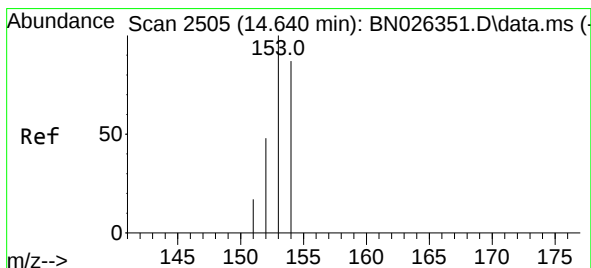
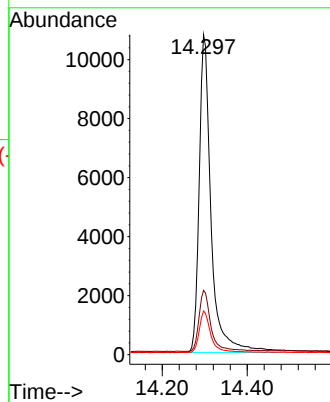
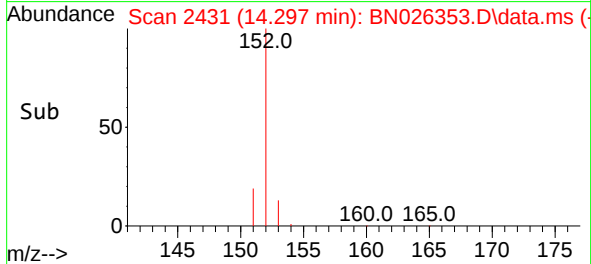
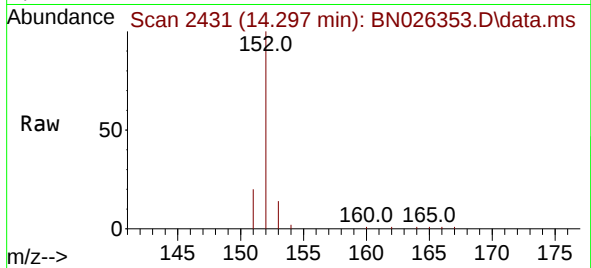




#10
Acenaphthylene
Concen: 0.291 ng/ul
RT: 14.297 min Scan# 2431
Delta R.T. -0.010 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

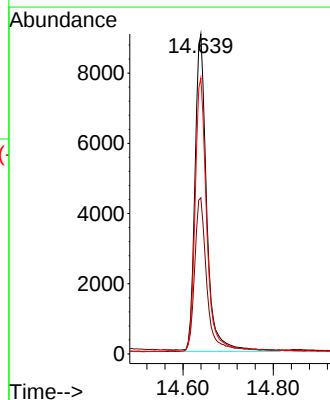
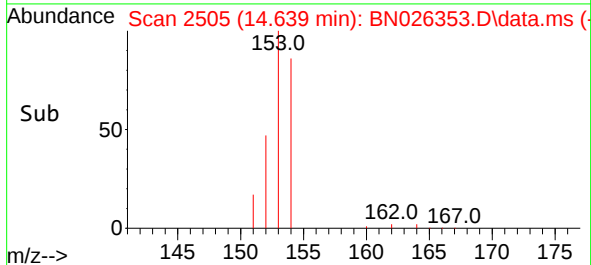
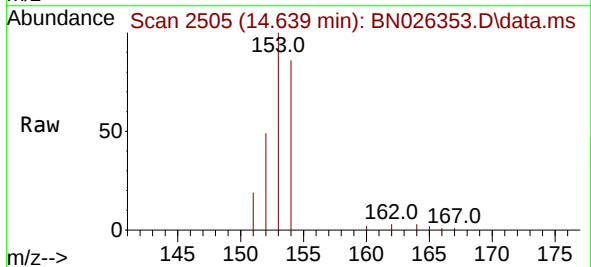
Instrument :
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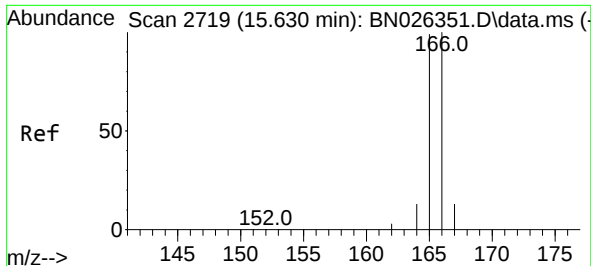
Tgt Ion:152 Resp: 20939
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.278 ng/ul
RT: 14.639 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

Tgt Ion:153 Resp: 16383
Ion Ratio Lower Upper
153 100
152 48.8 39.4 59.0
154 86.2 68.9 103.3

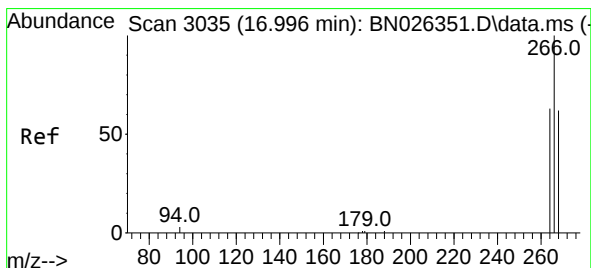
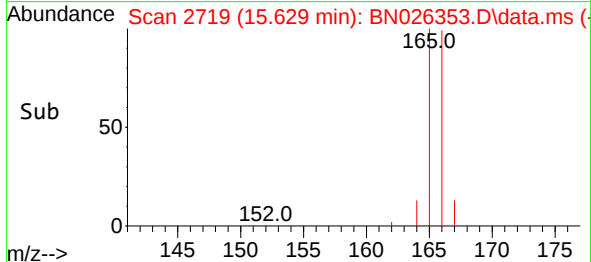
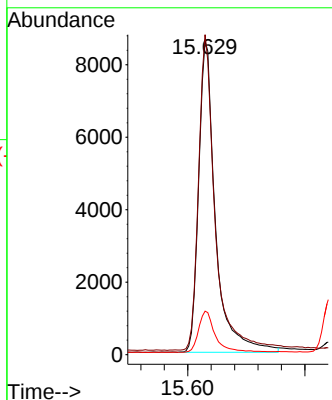
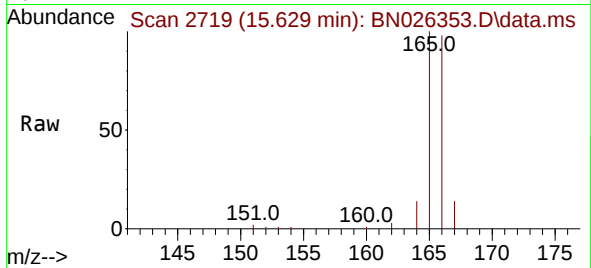




#12
 Fluorene
 Concen: 0.255 ng/ul
 RT: 15.629 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN026353.D
 Acq: 07 Jul 2023 11:25

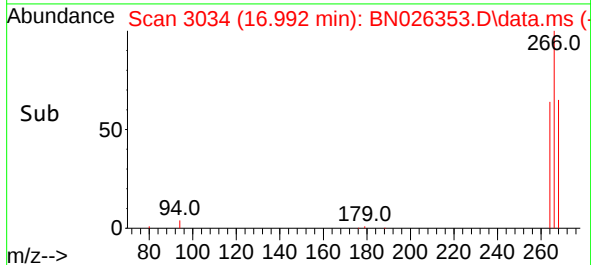
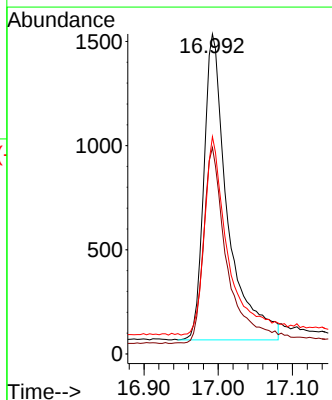
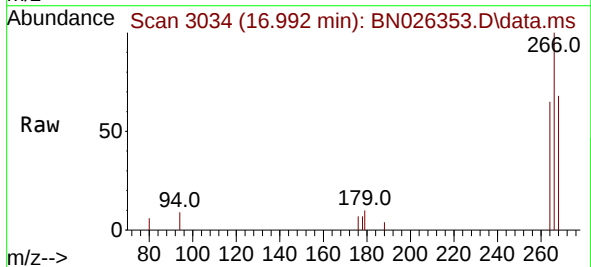
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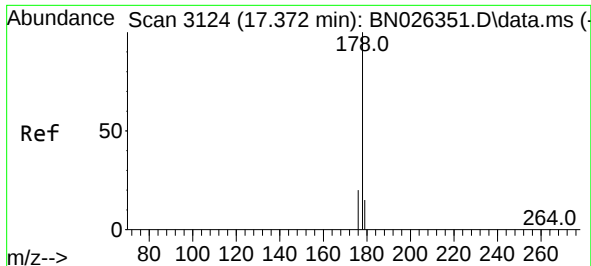
Tgt Ion:166 Resp: 17193
 Ion Ratio Lower Upper
 166 100
 165 102.0 79.9 119.9
 167 13.9 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.329 ng/ul
 RT: 16.992 min Scan# 3034
 Delta R.T. -0.009 min
 Lab File: BN026353.D
 Acq: 07 Jul 2023 11:25

Tgt Ion:266 Resp: 3262
 Ion Ratio Lower Upper
 266 100
 264 63.2 50.5 75.7
 268 64.1 51.6 77.4

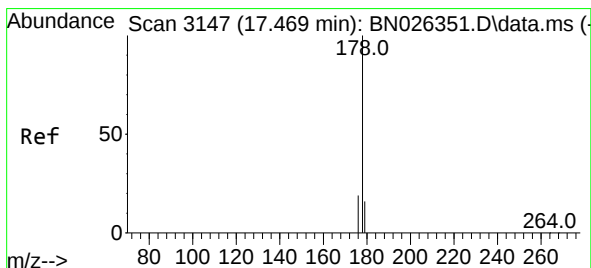
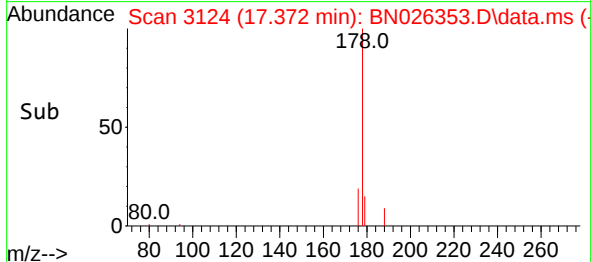
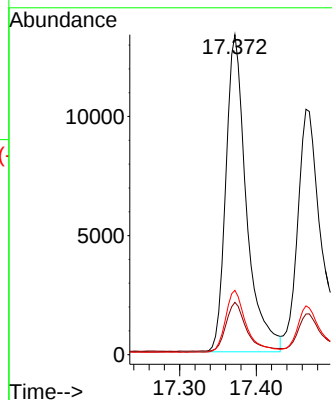
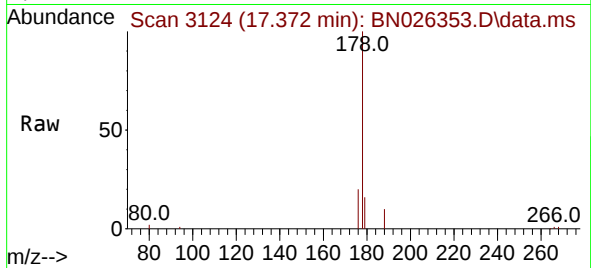




#15
Phenanthrene
Concen: 0.272 ng/ul
RT: 17.372 min Scan# 3124
Delta R.T. -0.004 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

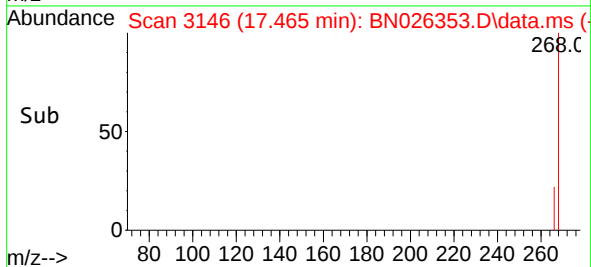
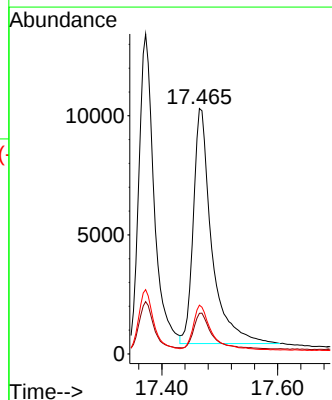
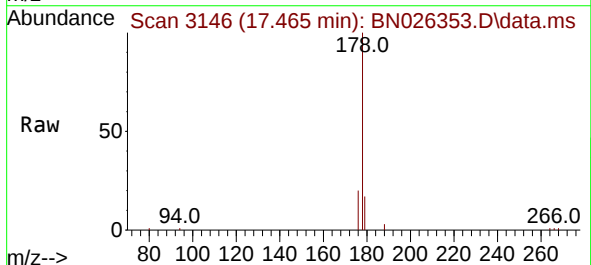
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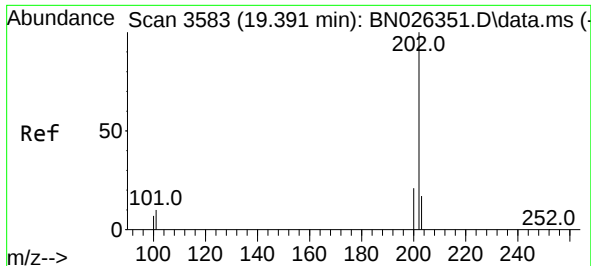
Tgt Ion:178 Resp: 24872
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 20.1 15.8 23.6



#16
Anthracene
Concen: 0.267 ng/ul
RT: 17.465 min Scan# 3146
Delta R.T. -0.009 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

Tgt Ion:178 Resp: 21737
Ion Ratio Lower Upper
178 100
179 16.6 12.6 18.8
176 19.9 15.1 22.7

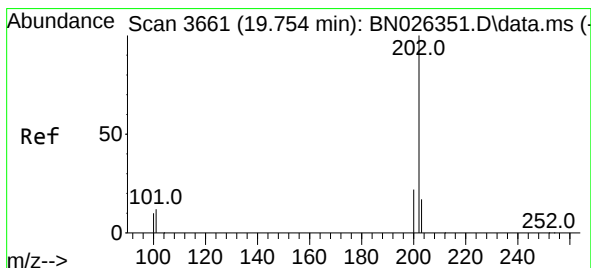
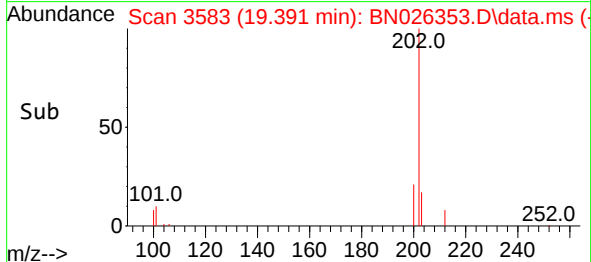
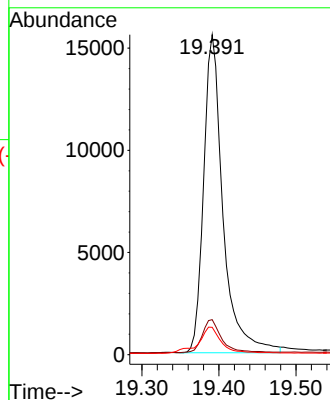
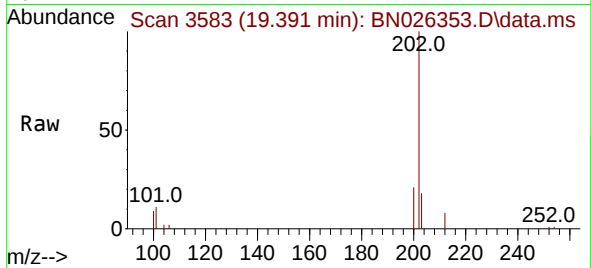




#19
Fluoranthene
Concen: 0.298 ng/ul
RT: 19.391 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

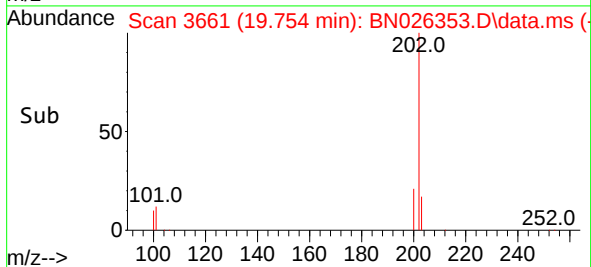
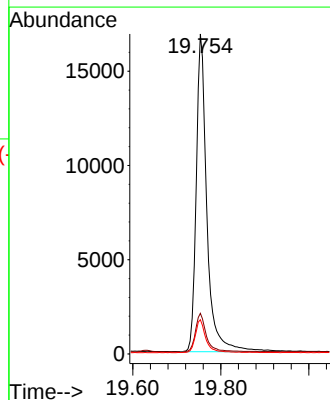
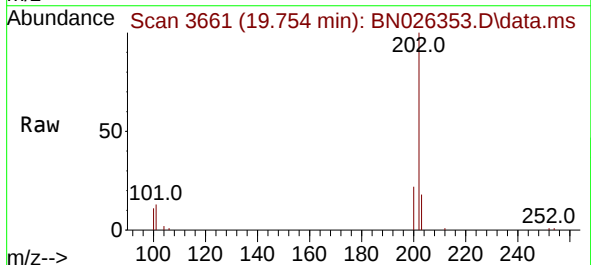
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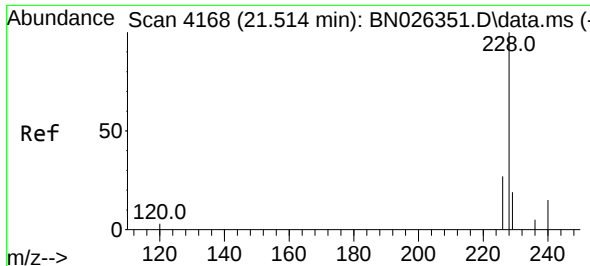
Tgt Ion:202 Resp: 27200
Ion Ratio Lower Upper
202 100
101 10.9 9.5 14.3
100 8.6 7.3 10.9



#20
Pyrene
Concen: 0.299 ng/ul
RT: 19.754 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

Tgt Ion:202 Resp: 28374
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 10.7 9.1 13.7

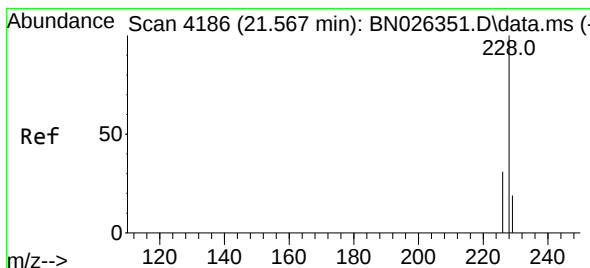
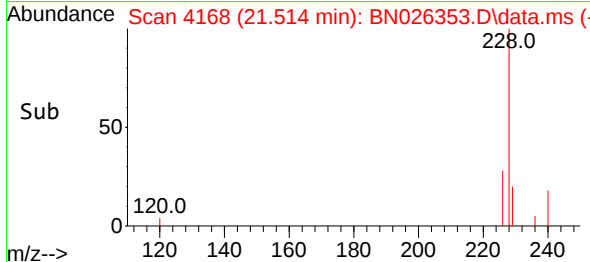
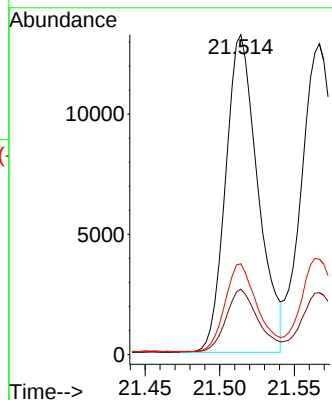
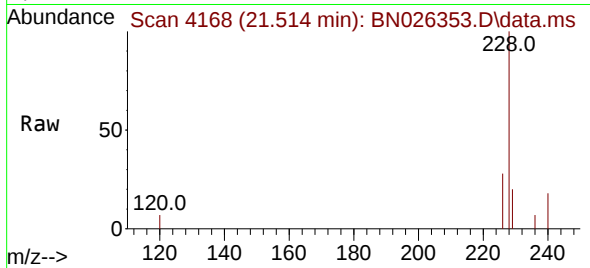




#21
Benzo(a)anthracene
Concen: 0.282 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.000 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

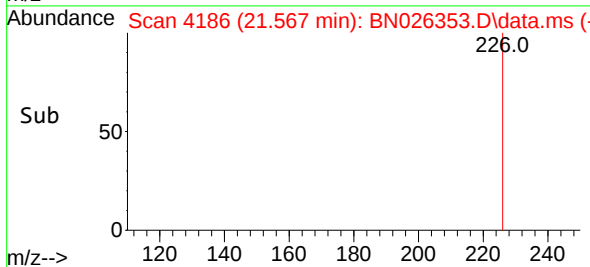
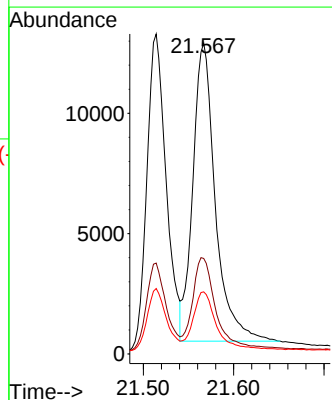
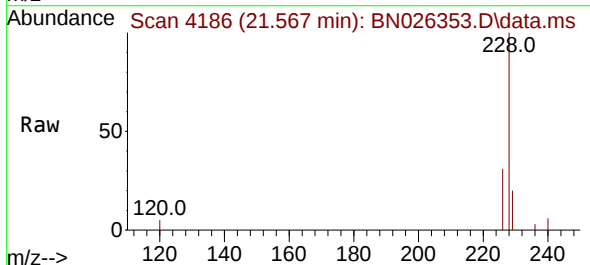
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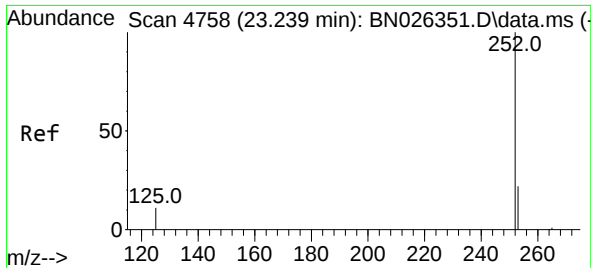
Tgt Ion:228 Resp: 19871
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 28.4 22.5 33.7



#22
Chrysene
Concen: 0.292 ng/ul
RT: 21.567 min Scan# 4186
Delta R.T. 0.003 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

Tgt Ion:228 Resp: 21406
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 20.0 15.7 23.5

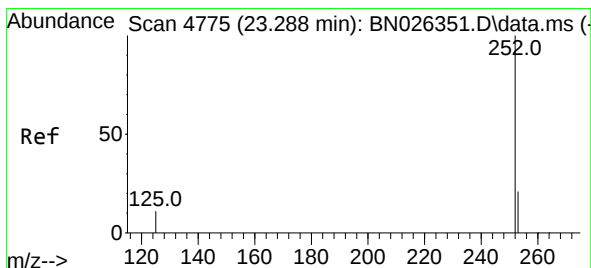
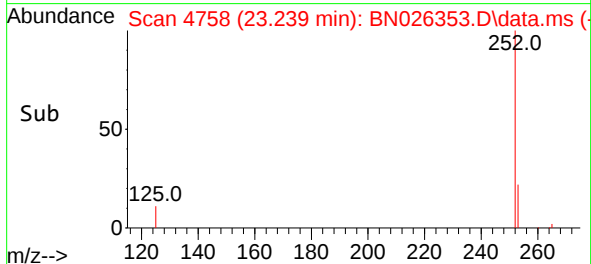
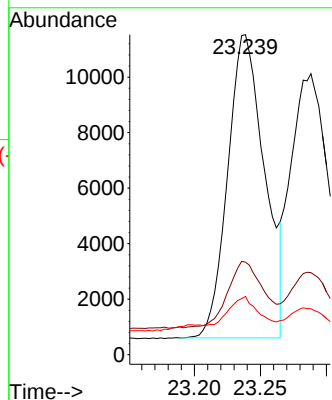
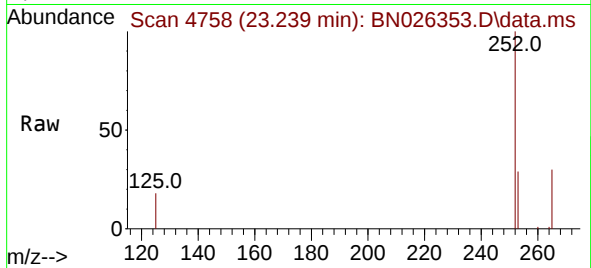




#24
Benzo(b)fluoranthene
Concen: 0.290 ng/ul
RT: 23.239 min Scan# 4758
Delta R.T. -0.000 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

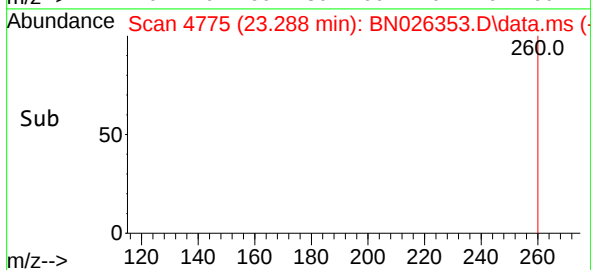
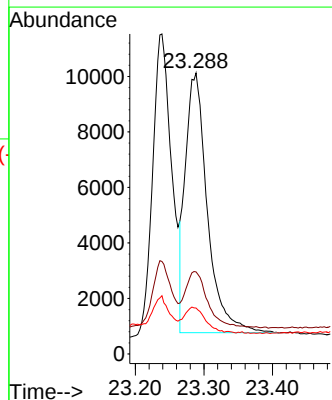
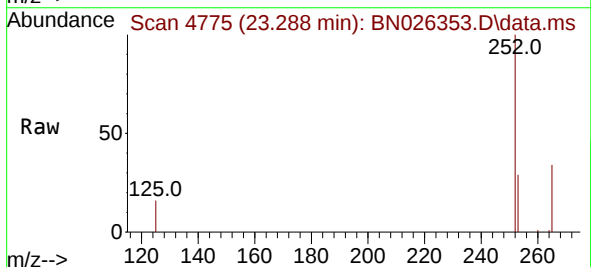
Instrument :
BNA_N
ClientSampleId :
SLCS595

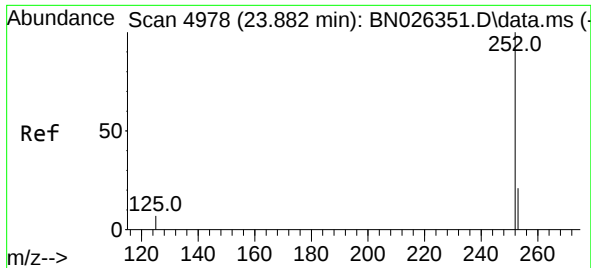
Tgt Ion:252 Resp: 21254
Ion Ratio Lower Upper
252 100
253 28.9 0.0 55.6
125 18.2 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.283 ng/ul
RT: 23.288 min Scan# 4775
Delta R.T. 0.003 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

Tgt Ion:252 Resp: 20798
Ion Ratio Lower Upper
252 100
253 29.2 23.2 34.8
125 16.3 15.0 22.4

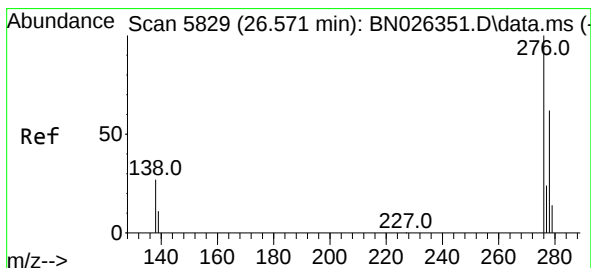
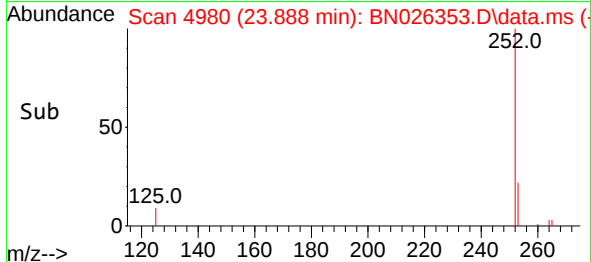
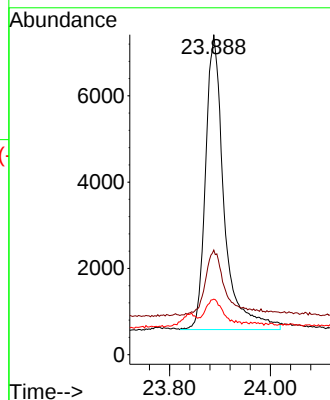
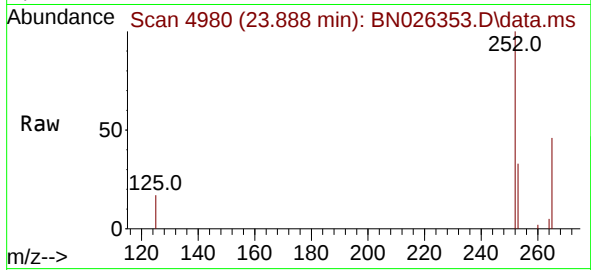




#26
Benzo(a)pyrene
Concen: 0.274 ng/ul
RT: 23.888 min Scan# 4978
Delta R.T. 0.003 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

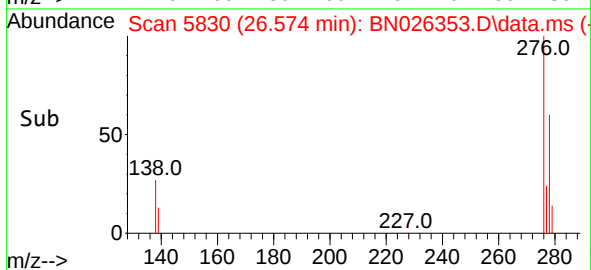
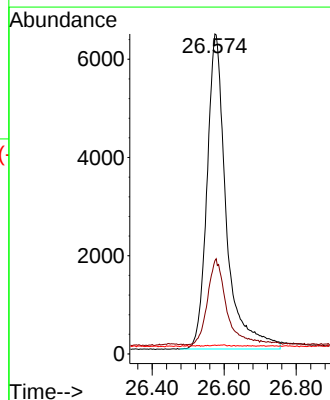
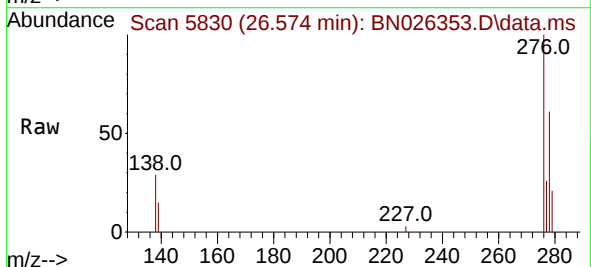
Instrument :
BNA_N
ClientSampleId :
SLCS595

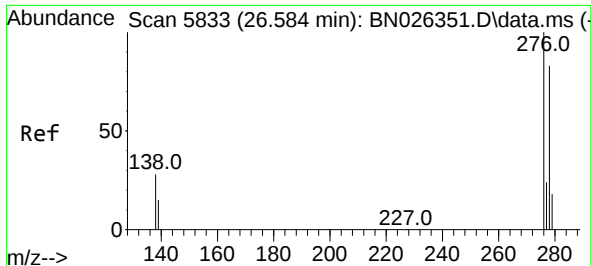
Tgt Ion:	252	Resp:	17424
Ion Ratio	Lower	Upper	
252	100		
253	32.7	26.0	39.0
125	17.3	17.3	25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng/ul
RT: 26.574 min Scan# 5830
Delta R.T. 0.003 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

Tgt Ion:	276	Resp:	23819
Ion Ratio	Lower	Upper	
276	100		
138	27.0	24.5	36.7
227	0.1	0.0	0.0

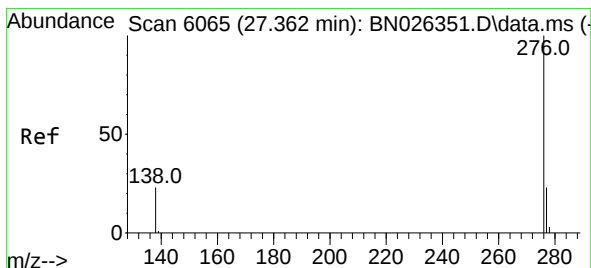
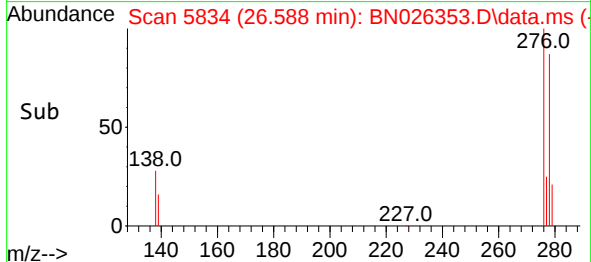
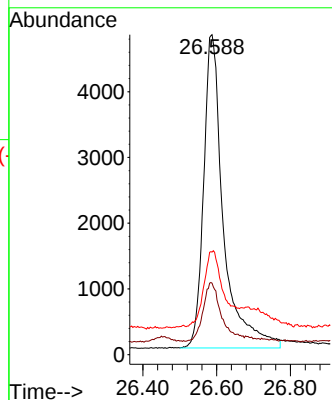
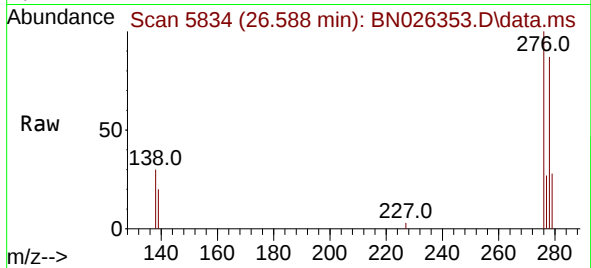




#28
Dibenzo(a,h)anthracene
Concen: 0.338 ng/ul
RT: 26.588 min Scan# 5834
Delta R.T. 0.003 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

Instrument :
BNA_N
ClientSampleId :
SLCS595

Tgt Ion:278 Resp: 17758
Ion Ratio Lower Upper
278 100
139 22.4 19.0 28.4
279 32.0 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.354 ng/ul
RT: 27.366 min Scan# 6066
Delta R.T. -0.007 min
Lab File: BN026353.D
Acq: 07 Jul 2023 11:25

Tgt Ion:276 Resp: 21886
Ion Ratio Lower Upper
276 100
138 26.1 23.4 35.0
277 25.6 20.0 30.0

