

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070723\
 Data File : BN026363.D
 Acq On : 07 Jul 2023 17:37
 Operator : MA/JU
 Sample : PB153597BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS597

Quant Time: Jul 07 20:55:25 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 : Fri Jul 07 14:46:07 2023
 Response via : Initial Calibration

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

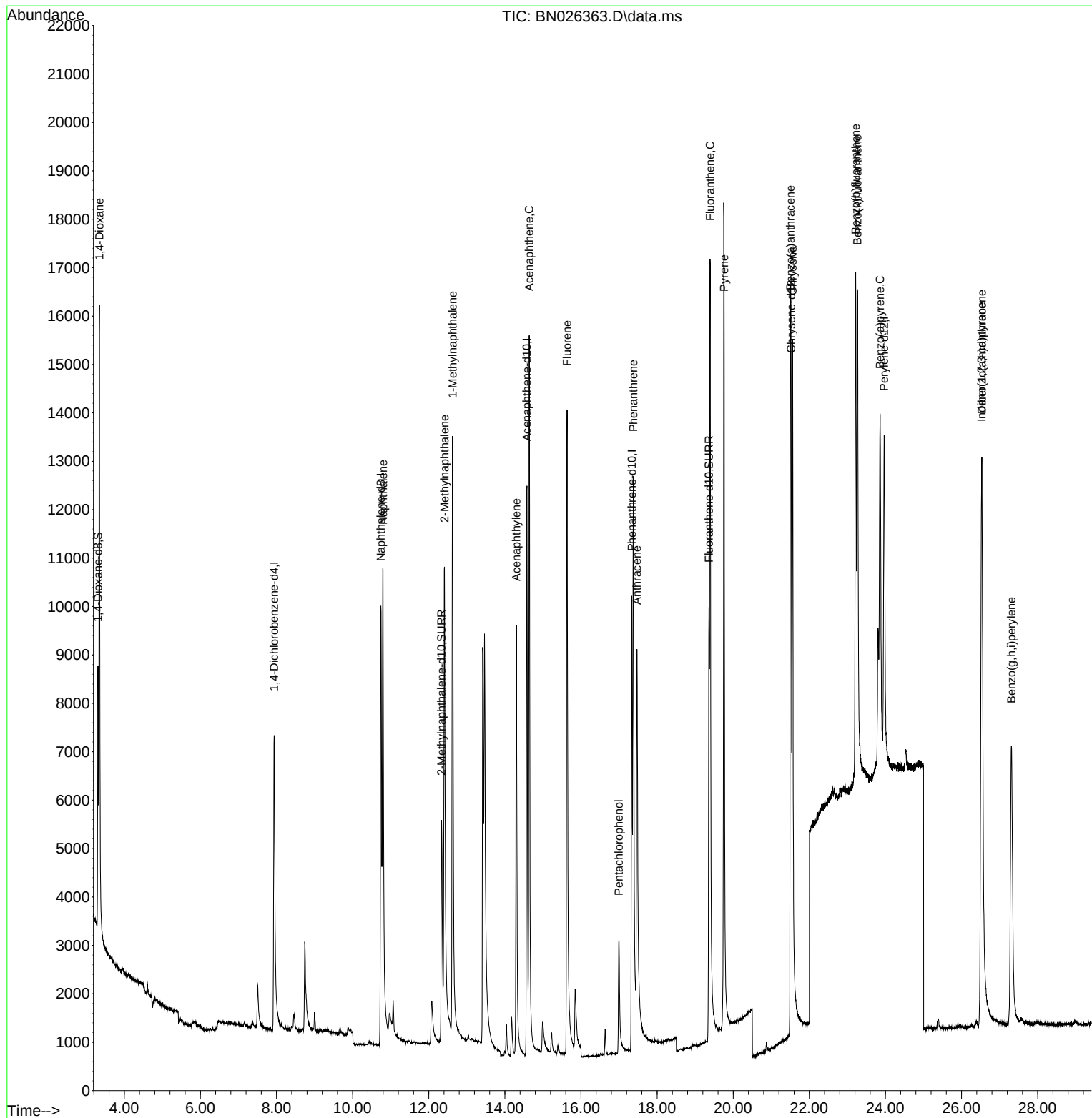
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	5149	0.400	ng/ul	0.00
4) Naphthalene-d8	10.741	136	17775	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.579	164	8098	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	14452	0.400	ng/ul	0.00
17) Chrysene-d12	21.522	240	9991	0.400	ng/ul	0.00
23) Perylene-d12	23.966	264	10754	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	3823	0.659	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.336	152	8819	0.323	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	13369	0.352	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	9456	1.536	ng/ul#	88
5) Naphthalene	10.796	128	17989	0.353	ng/ul	99
7) 2-Methylnaphthalene	12.413	142	10203	0.315	ng/ul	100
8) 1-Methylnaphthalene	12.628	142	10995	0.327	ng/ul	99
10) Acenaphthylene	14.301	152	13593	0.358	ng/ul	99
11) Acenaphthene	14.639	153	10787	0.348	ng/ul	98
12) Fluorene	15.634	166	12694	0.357	ng/ul	99
14) Pentachlorophenol	16.996	266	2505	0.484	ng/ul	99
15) Phenanthrene	17.376	178	16620	0.348	ng/ul	98
16) Anthracene	17.469	178	14302	0.337	ng/ul	97
19) Fluoranthene	19.395	202	18254	0.342	ng/ul	97
20) Pyrene	19.758	202	19474	0.351	ng/ul	96
21) Benzo(a)anthracene	21.505	228	14516	0.352	ng/ul	97
22) Chrysene	21.557	228	15900	0.371	ng/ul	98
24) Benzo(b)fluoranthene	23.214	252	16508	0.360	ng/ul	94
25) Benzo(k)fluoranthene	23.264	252	17018	0.369	ng/ul	95
26) Benzo(a)pyrene	23.858	252	14707	0.369	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.526	276	19629	0.451	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.533	278	14722	0.447	ng/ul	99
29) Benzo(g,h,i)perylene	27.308	276	16758	0.433	ng/ul	93

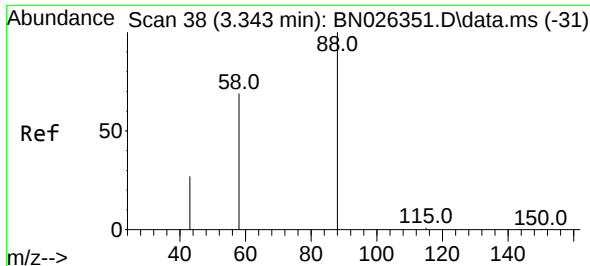
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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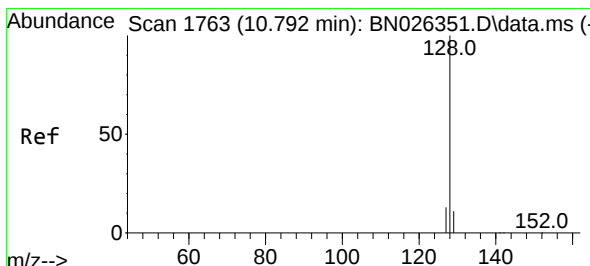
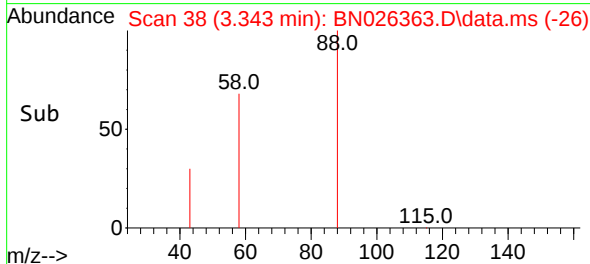
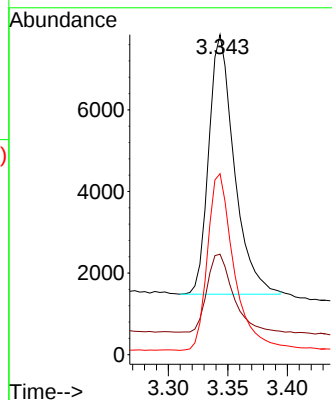
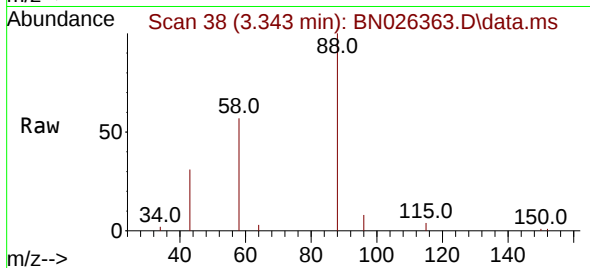




#2
 1,4-Dioxane
 Concen: 1.536 ng/ul
 RT: 3.343 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN026363.D
 Acq: 07 Jul 2023 17:37

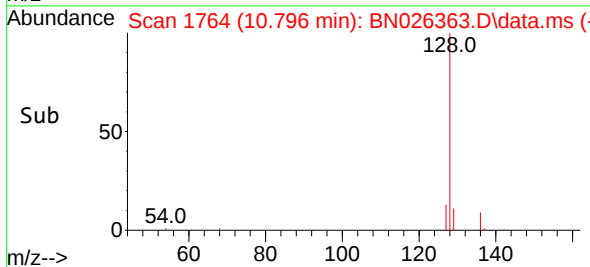
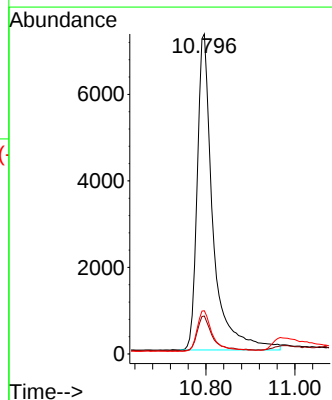
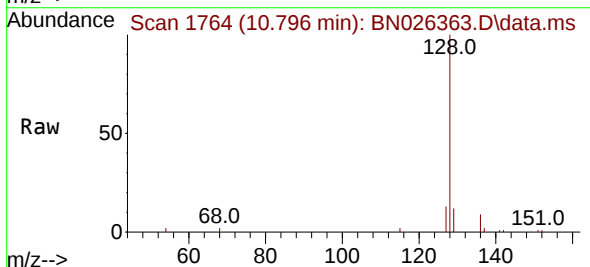
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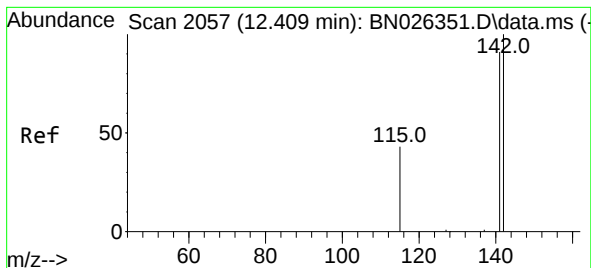
Tgt Ion: 88 Resp: 9456
 Ion Ratio Lower Upper
 88 100
 43 31.4 29.5 44.3
 58 56.5 37.4 56.2#



#5
 Naphthalene
 Concen: 0.353 ng/ul
 RT: 10.796 min Scan# 1764
 Delta R.T. -0.001 min
 Lab File: BN026363.D
 Acq: 07 Jul 2023 17:37

Tgt Ion:128 Resp: 17989
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.1 13.7
 127 13.5 10.7 16.1

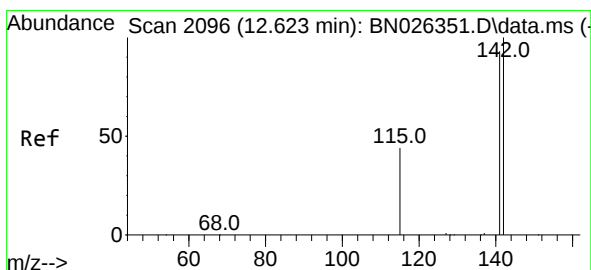
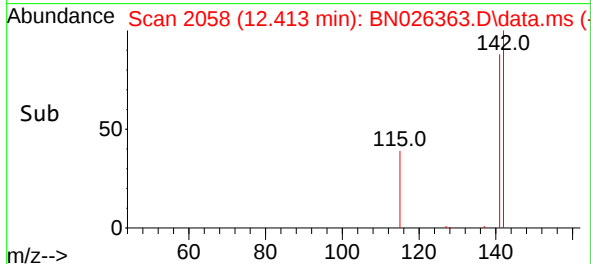
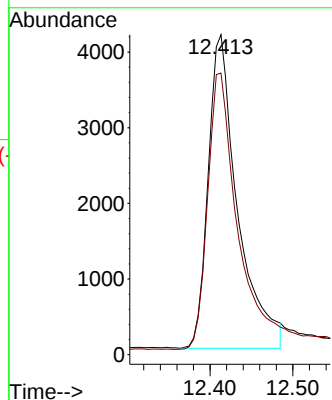
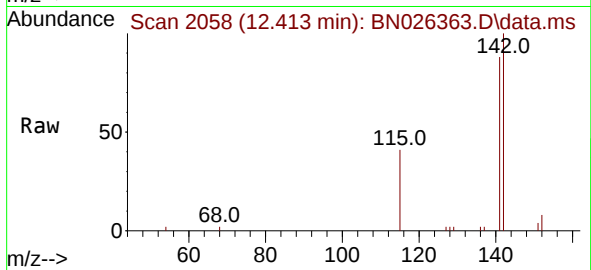




#7
2-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.413 min Scan# 2058
Delta R.T. -0.001 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

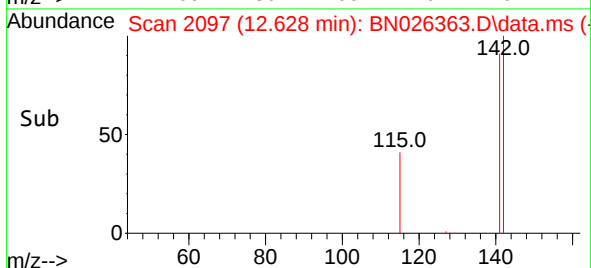
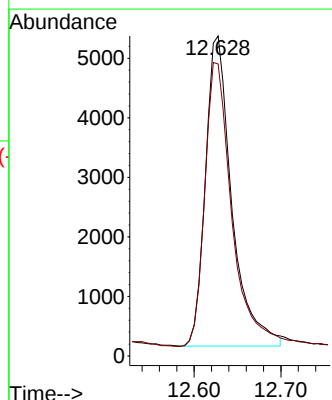
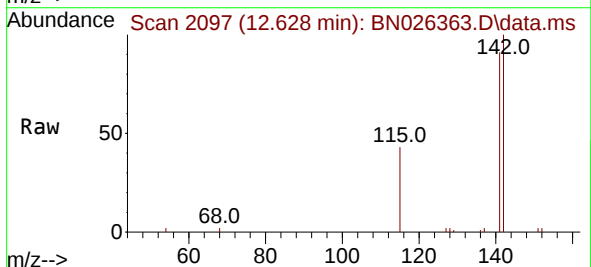
Instrument :
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ClientSampleId :
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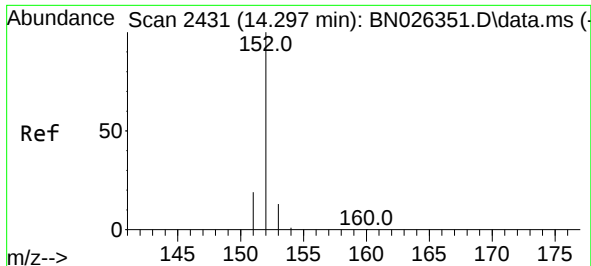
Tgt Ion:142 Resp: 10203
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.628 min Scan# 2097
Delta R.T. -0.001 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

Tgt Ion:142 Resp: 10995
Ion Ratio Lower Upper
142 100
141 93.7 74.2 111.4

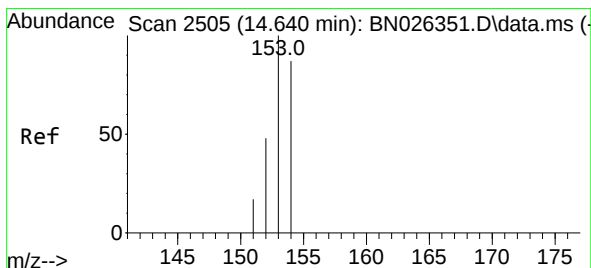
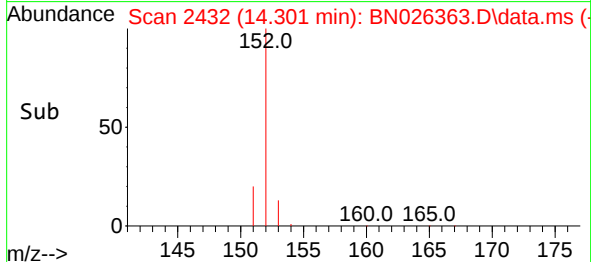
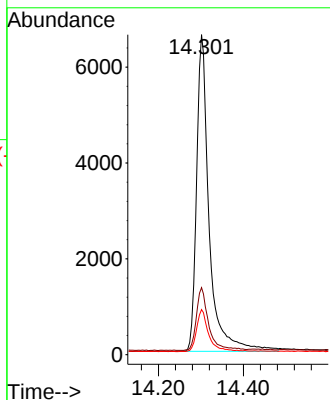
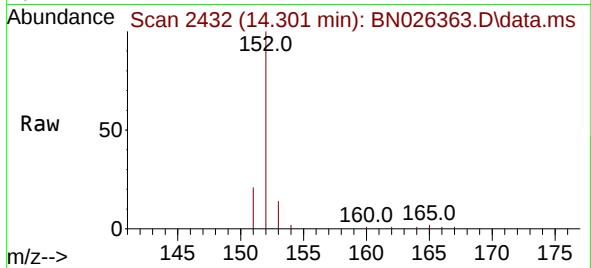




#10
Acenaphthylene
Concen: 0.358 ng/ul
RT: 14.301 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

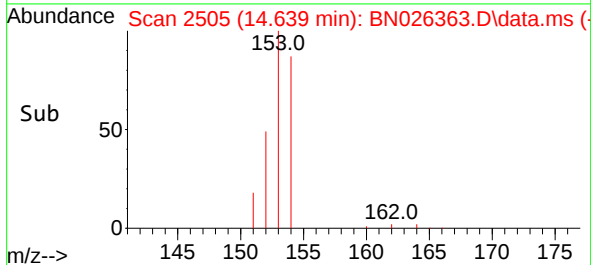
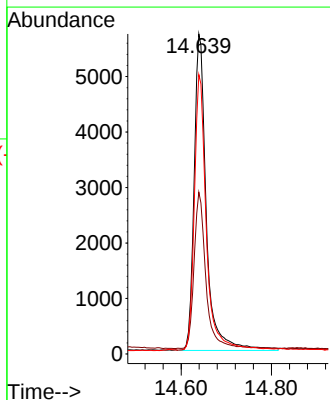
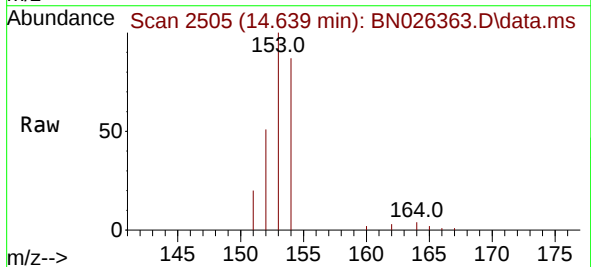
Instrument :
BNA_N
ClientSampleId :
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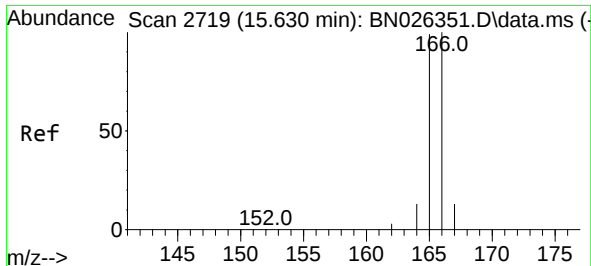
Tgt Ion:152 Resp: 13593
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 14.1 10.9 16.3



#11
Acenaphthene
Concen: 0.348 ng/ul
RT: 14.639 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

Tgt Ion:153 Resp: 10787
Ion Ratio Lower Upper
153 100
152 50.6 39.4 59.0
154 87.3 68.9 103.3

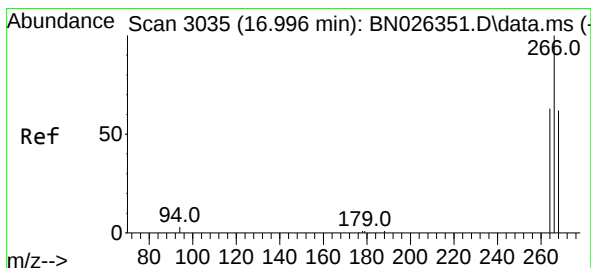
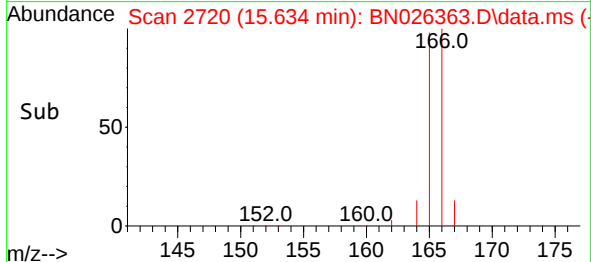
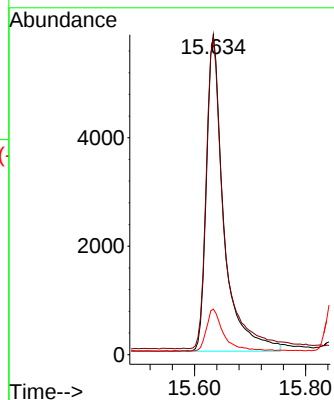
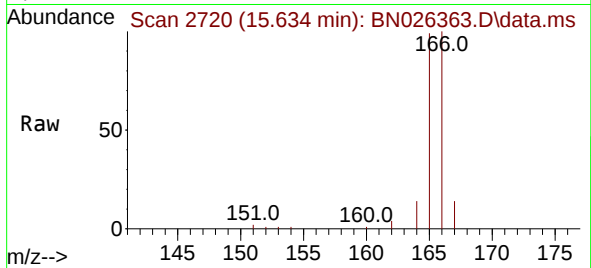




#12
Fluorene
Concen: 0.357 ng/ul
RT: 15.634 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

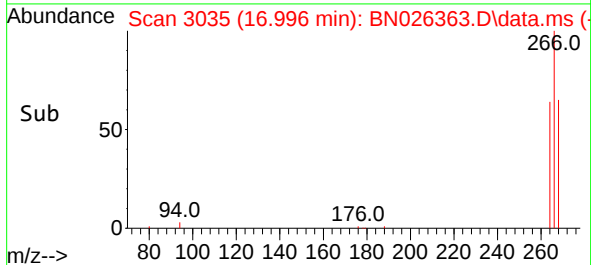
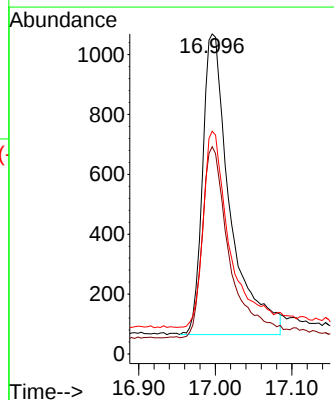
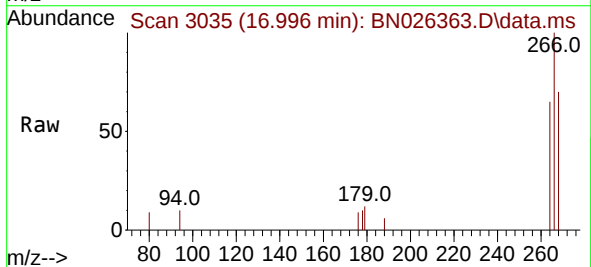
Instrument :
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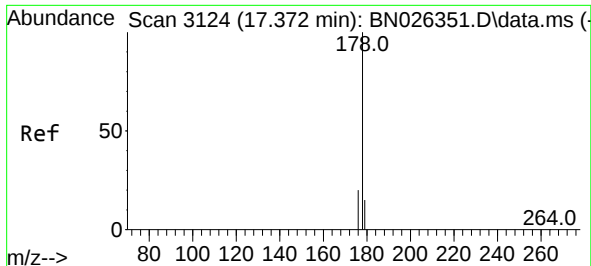
Tgt Ion:166 Resp: 12694
Ion Ratio Lower Upper
166 100
165 99.0 79.9 119.9
167 14.2 10.8 16.2



#14
Pentachlorophenol
Concen: 0.484 ng/ul
RT: 16.996 min Scan# 3035
Delta R.T. -0.005 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

Tgt Ion:266 Resp: 2505
Ion Ratio Lower Upper
266 100
264 62.8 50.5 75.7
268 63.0 51.6 77.4

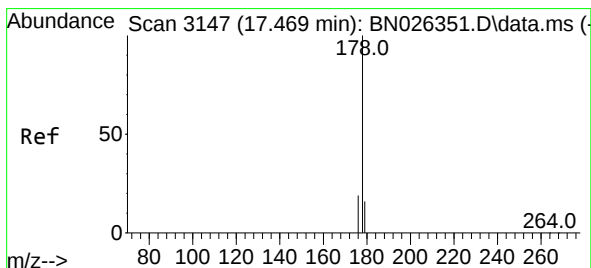
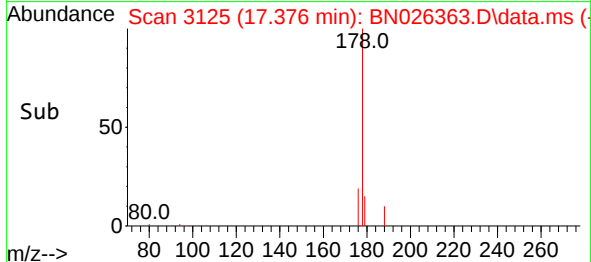
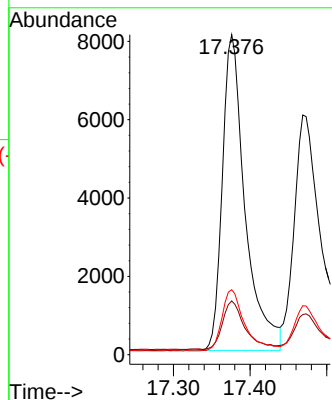
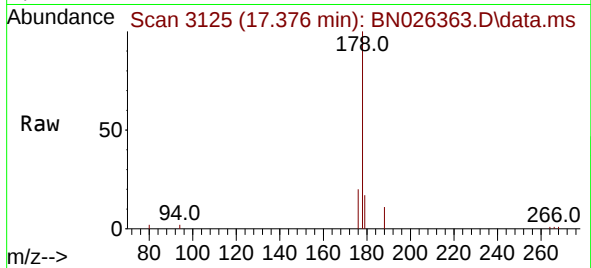




#15
Phenanthrene
Concen: 0.348 ng/ul
RT: 17.376 min Scan# 3124
Delta R.T. -0.001 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

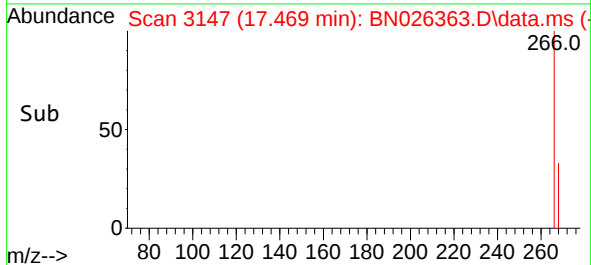
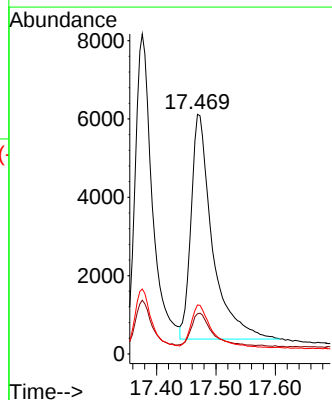
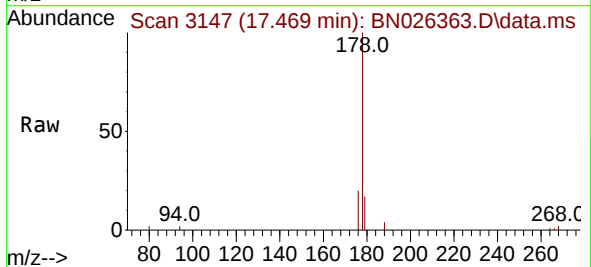
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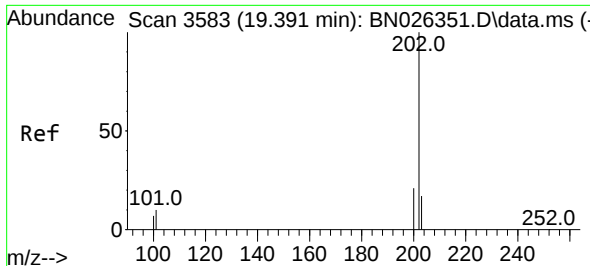
Tgt Ion:178 Resp: 16620
Ion Ratio Lower Upper
178 100
179 16.8 12.6 19.0
176 20.3 15.8 23.6



#16
Anthracene
Concen: 0.337 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

Tgt Ion:178 Resp: 14302
Ion Ratio Lower Upper
178 100
179 16.8 12.6 18.8
176 20.4 15.1 22.7

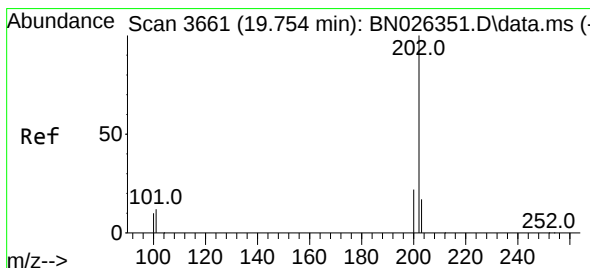
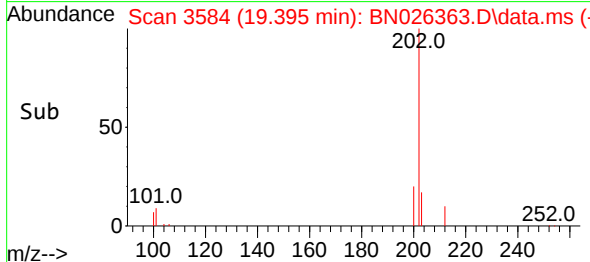
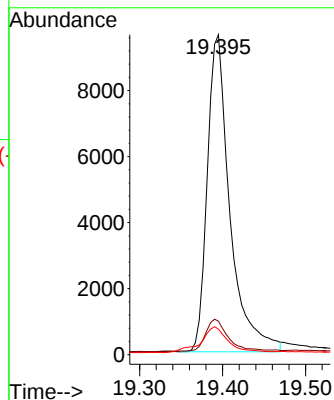
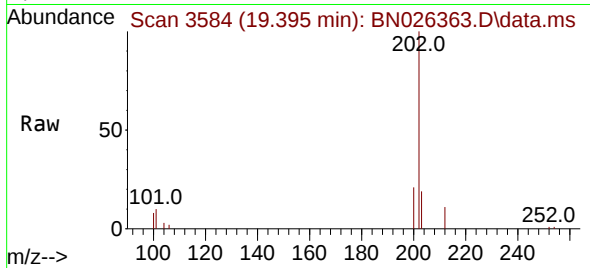




#19
Fluoranthene
Concen: 0.342 ng/ul
RT: 19.395 min Scan# 3583
Delta R.T. -0.001 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

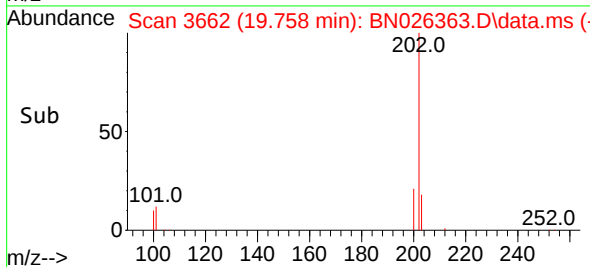
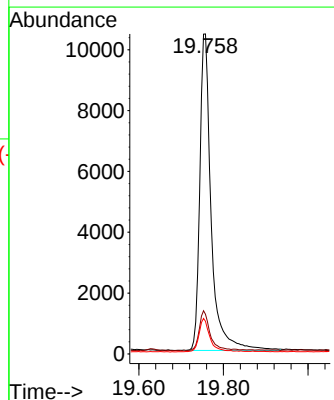
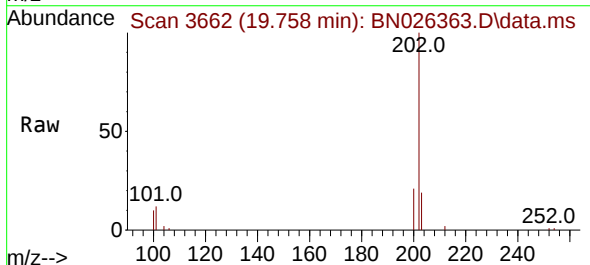
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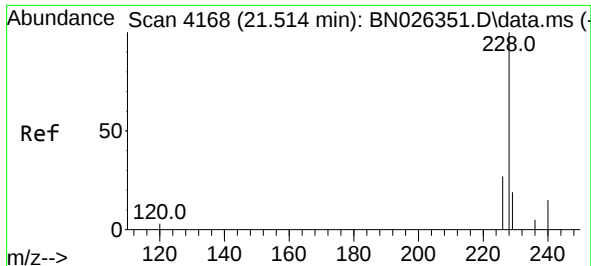
Tgt Ion:202 Resp: 18254
Ion Ratio Lower Upper
202 100
101 10.4 9.5 14.3
100 8.0 7.3 10.9



#20
Pyrene
Concen: 0.351 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.001 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

Tgt Ion:202 Resp: 19474
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 10.2 9.1 13.7

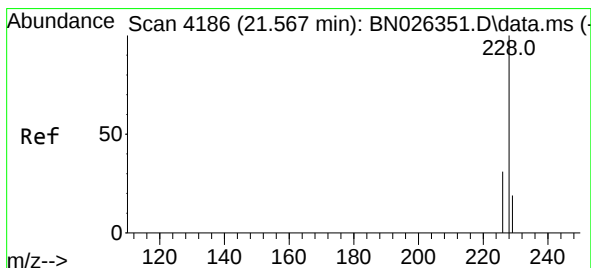
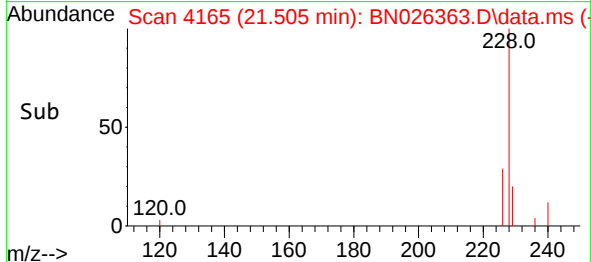
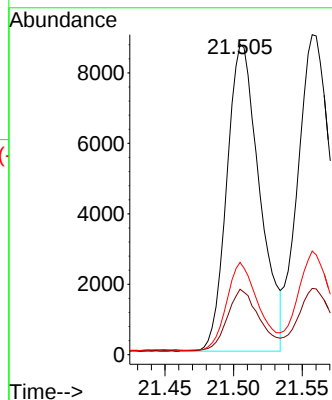
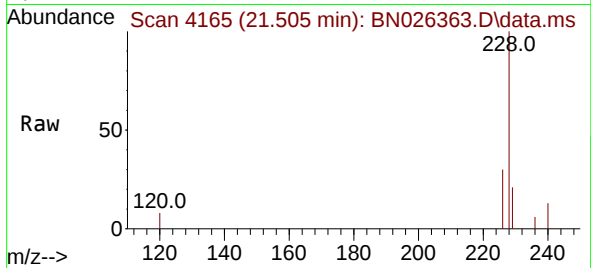




#21
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.505 min Scan# 4165
Delta R.T. -0.010 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

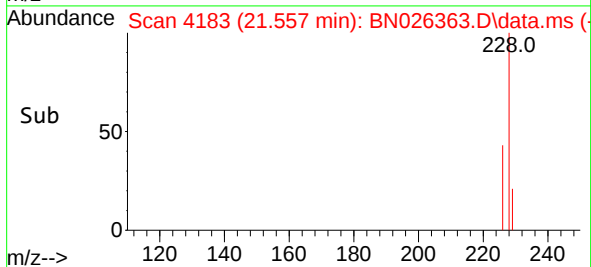
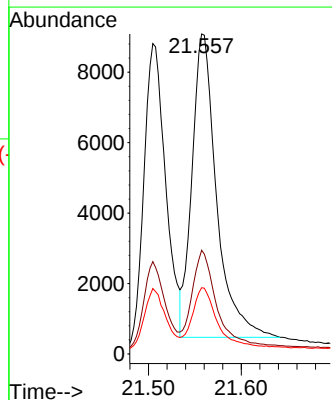
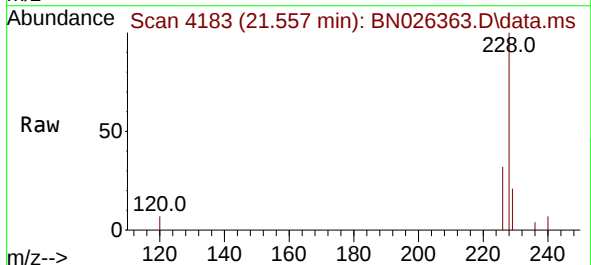
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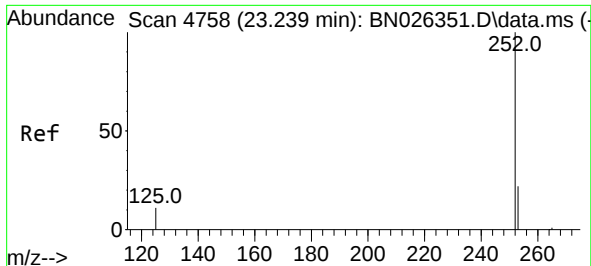
Tgt Ion:228 Resp: 14516
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 29.7 22.5 33.7



#22
Chrysene
Concen: 0.371 ng/ul
RT: 21.557 min Scan# 4183
Delta R.T. -0.007 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

Tgt Ion:228 Resp: 15900
Ion Ratio Lower Upper
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226 32.4 24.8 37.2
229 20.7 15.7 23.5

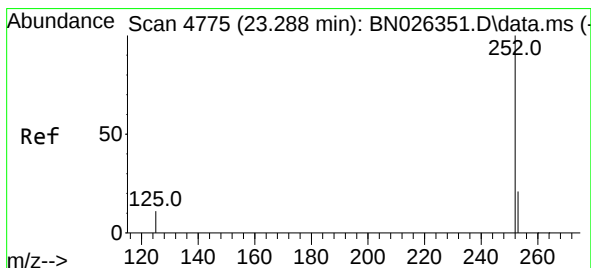
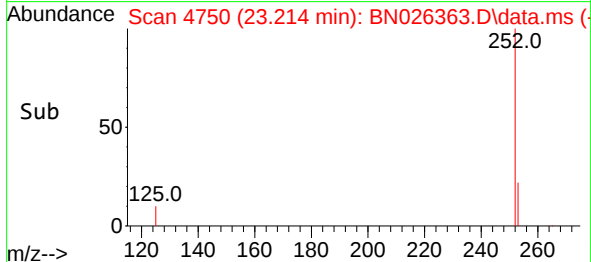
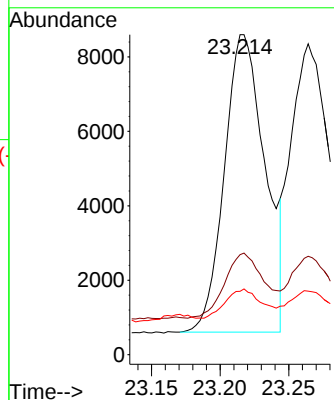
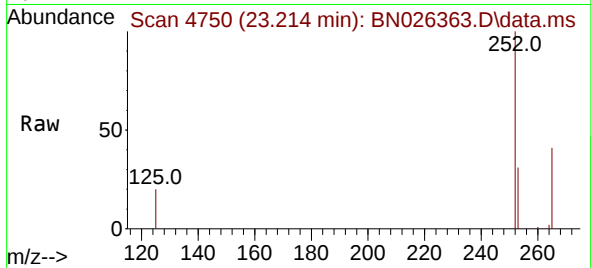




#24
Benzo(b)fluoranthene
Concen: 0.360 ng/ul
RT: 23.214 min Scan# 4750
Delta R.T. -0.024 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

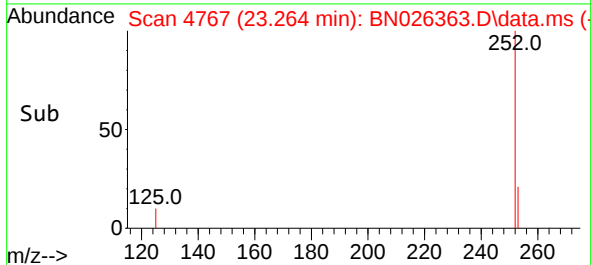
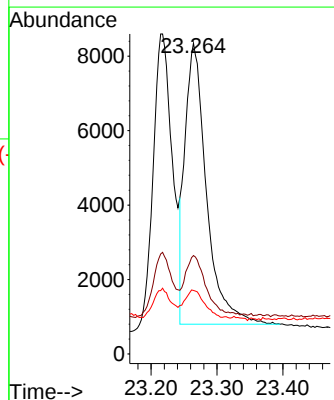
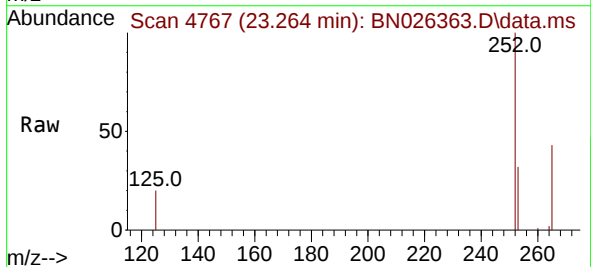
Instrument :
BNA_N
ClientSampleId :
SLCS597

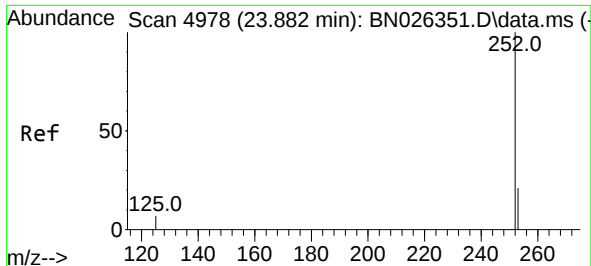
Tgt Ion:252 Resp: 16508
Ion Ratio Lower Upper
252 100
253 31.2 0.0 55.6
125 19.8 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 23.264 min Scan# 4767
Delta R.T. -0.021 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

Tgt Ion:252 Resp: 17018
Ion Ratio Lower Upper
252 100
253 31.7 23.2 34.8
125 20.4 15.0 22.4

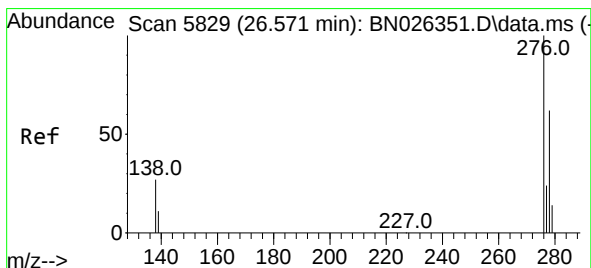
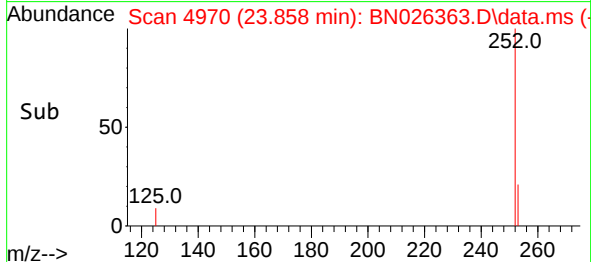
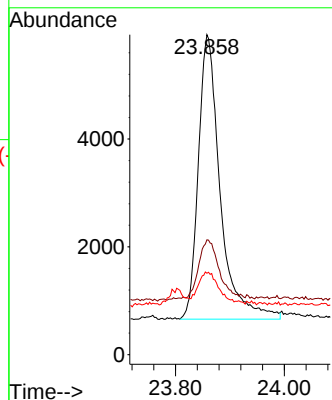
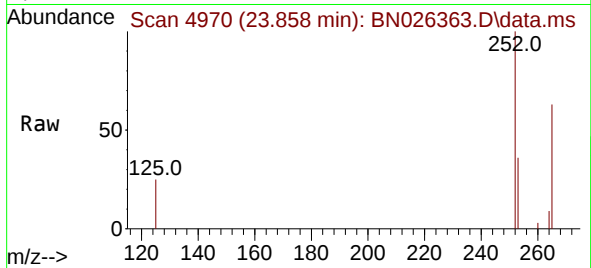




#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.858 min Scan# 4978
Delta R.T. -0.027 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

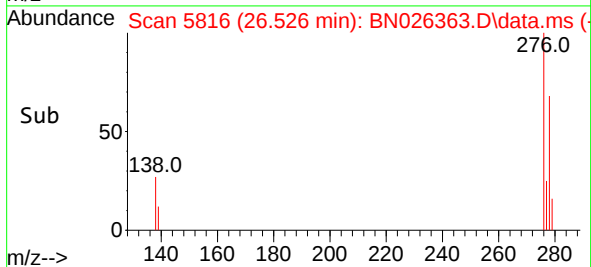
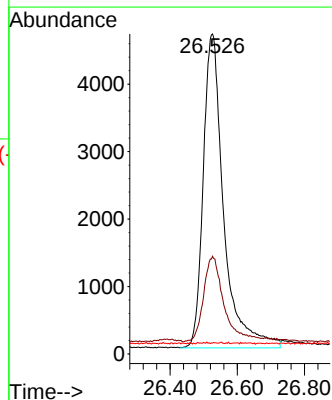
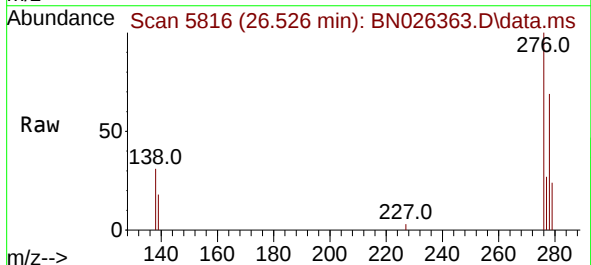
Instrument :
BNA_N
ClientSampleId :
SLCS597

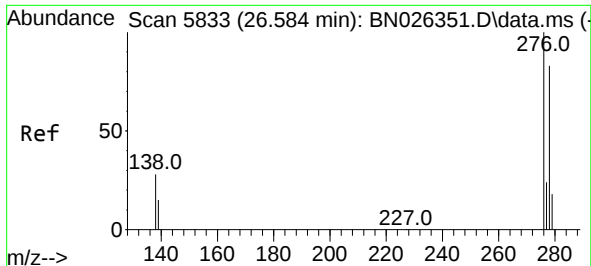
Tgt Ion:252 Resp: 14707
Ion Ratio Lower Upper
252 100
253 35.9 26.0 39.0
125 25.5 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng/ul
RT: 26.526 min Scan# 5816
Delta R.T. -0.045 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

Tgt Ion:276 Resp: 19629
Ion Ratio Lower Upper
276 100
138 28.0 24.5 36.7
227 0.1 0.0 0.0

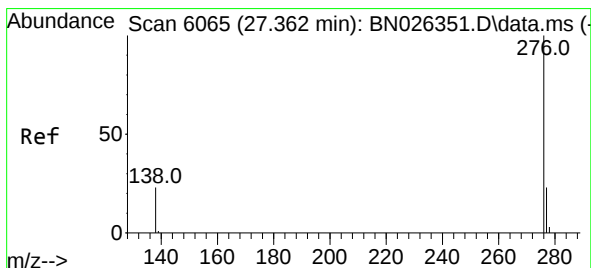
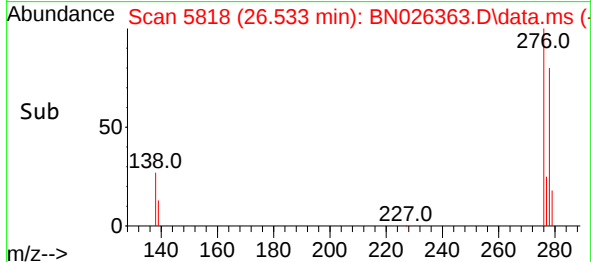
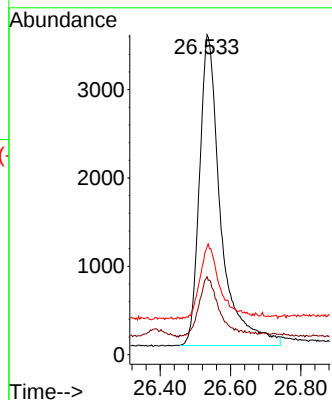
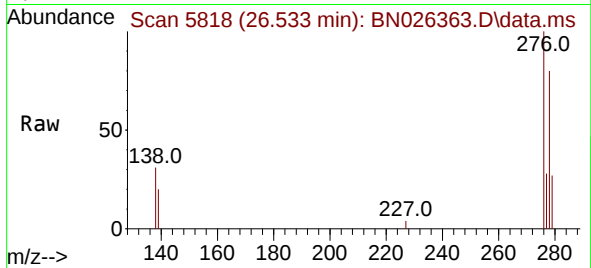




#28
Dibenzo(a,h)anthracene
Concen: 0.447 ng/ul
RT: 26.533 min Scan# 5818
Delta R.T. -0.051 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

Instrument :
BNA_N
ClientSampleId :
SLCS597

Tgt Ion:278 Resp: 14722
Ion Ratio Lower Upper
278 100
139 24.3 19.0 28.4
279 33.7 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.433 ng/ul
RT: 27.308 min Scan# 6049
Delta R.T. -0.065 min
Lab File: BN026363.D
Acq: 07 Jul 2023 17:37

Tgt Ion:276 Resp: 16758
Ion Ratio Lower Upper
276 100
138 24.0 23.4 35.0
277 26.9 20.0 30.0

