

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026212.D
 Acq On : 03 Jul 2023 05:47
 Operator : MA/JU
 Sample : PB153765BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS765

Quant Time: Jul 03 07:10:25 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

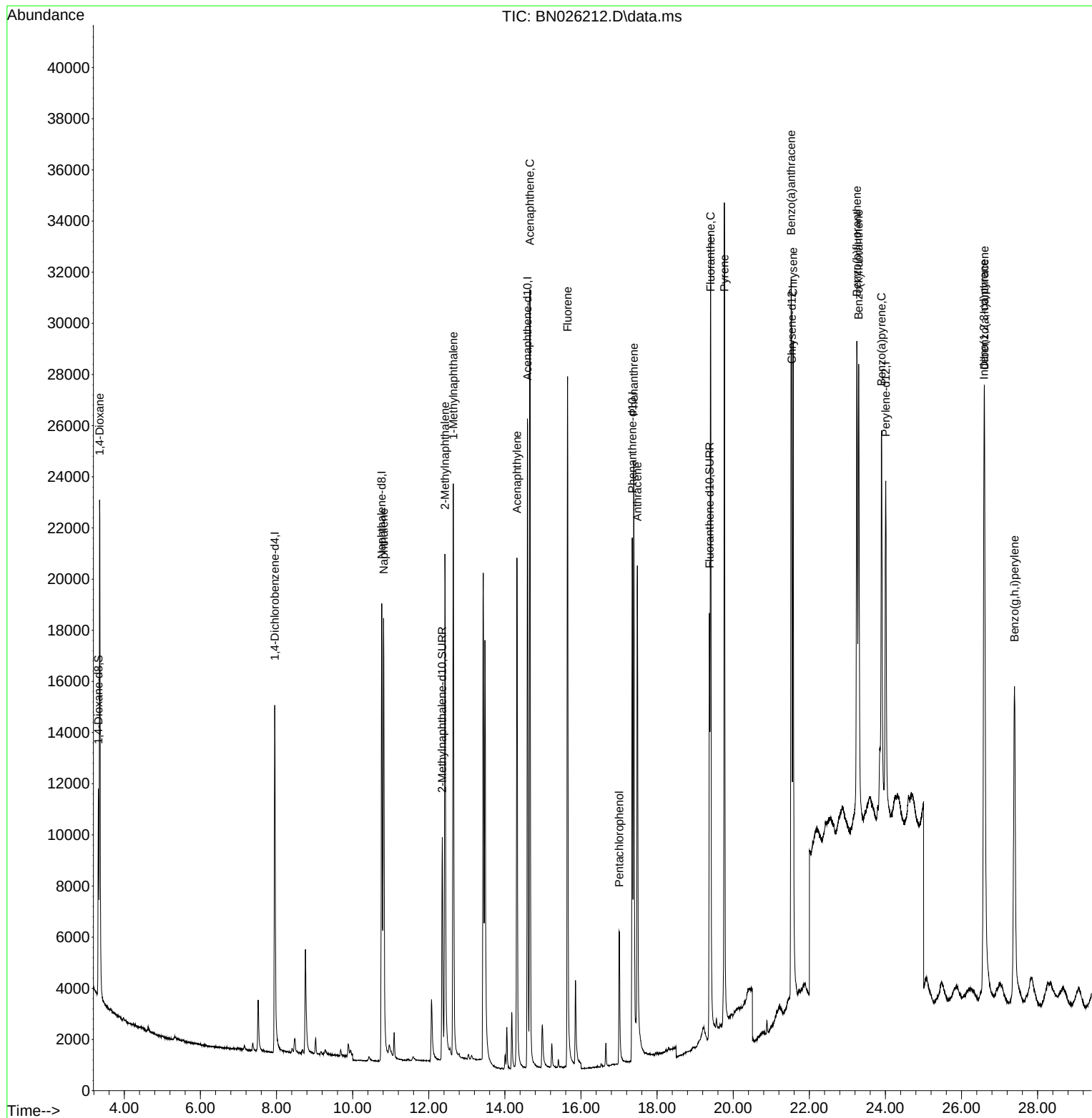
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	9027	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	28826	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	15412	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	27137	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	16108	0.400	ng/ul	# 0.00
23) Perylene-d12	24.011	264	18655	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	5505	0.542	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	13682	0.309	ng/ul	-0.01
18) Fluoranthene-d10	19.377	212	20646	0.337	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	14393	1.333	ng/ul#	86
5) Naphthalene	10.814	128	27362	0.331	ng/ul	100
7) 2-Methylnaphthalene	12.426	142	16484	0.313	ng/ul	100
8) 1-Methylnaphthalene	12.645	142	17152	0.315	ng/ul	100
10) Acenaphthylene	14.320	152	26844	0.372	ng/ul	99
11) Acenaphthene	14.658	153	19350	0.328	ng/ul	99
12) Fluorene	15.648	166	20575	0.304	ng/ul	98
14) Pentachlorophenol	17.005	266	4287	0.441	ng/ul	99
15) Phenanthrene	17.389	178	28414	0.317	ng/ul	99
16) Anthracene	17.482	178	26453	0.332	ng/ul	99
19) Fluoranthene	19.405	202	29805	0.346	ng/ul	99
20) Pyrene	19.768	202	30390	0.340	ng/ul	99
21) Benzo(a)anthracene	21.523	228	23895	0.360	ng/ul	94
22) Chrysene	21.576	228	24573	0.355	ng/ul#	93
24) Benzo(b)fluoranthene	23.251	252	26665	0.335	ng/ul	91
25) Benzo(k)fluoranthene	23.297	252	27359	0.342	ng/ul#	92
26) Benzo(a)pyrene	23.897	252	24228	0.350	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.591	276	32022	0.424	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.605	278	24523	0.429	ng/ul	98
29) Benzo(g,h,i)perylene	27.393	276	27156	0.404	ng/ul	96

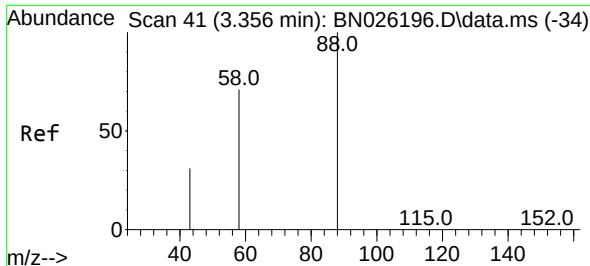
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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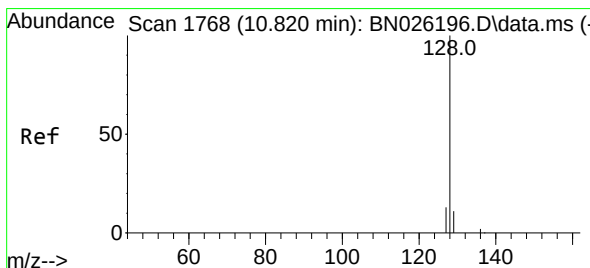
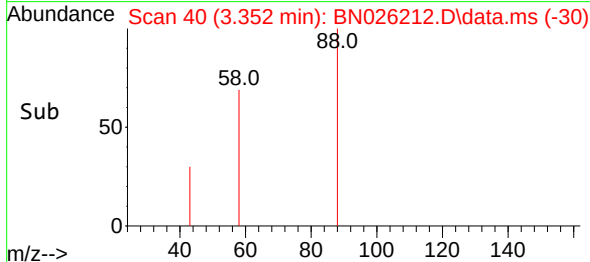
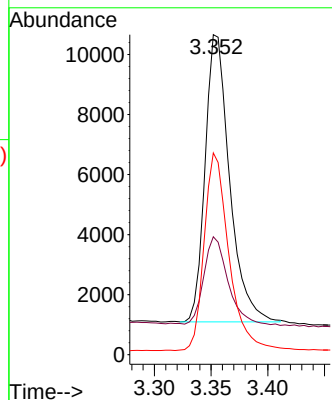
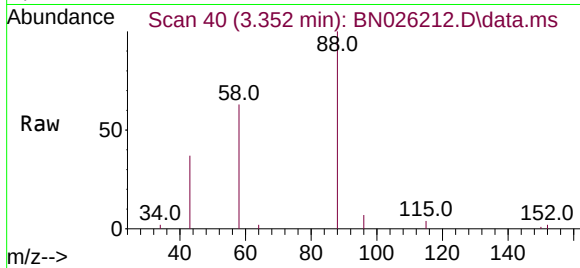




#2
1,4-Dioxane
Concen: 1.333 ng/ul
RT: 3.352 min Scan# 40
Delta R.T. -0.008 min
Lab File: BN026212.D
Acq: 03 Jul 2023 05:47

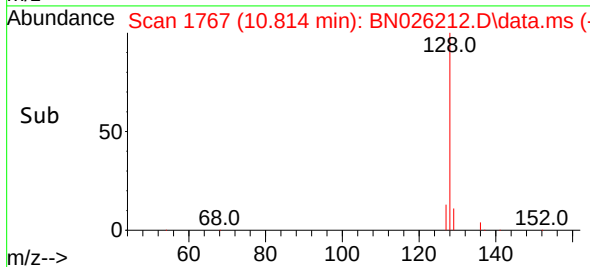
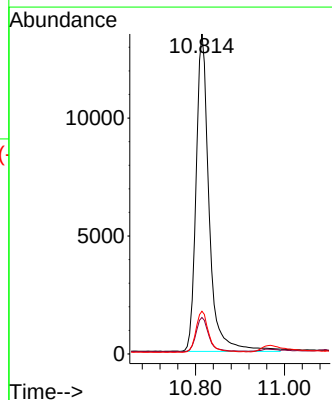
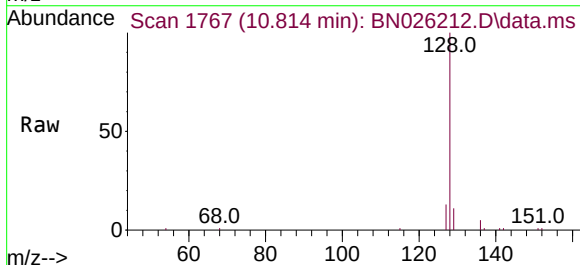
Instrument :
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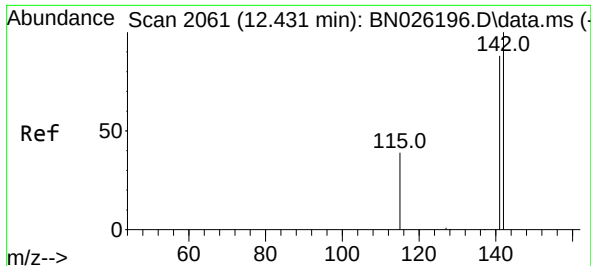
Tgt Ion: 88 Resp: 14393
Ion Ratio Lower Upper
88 100
43 36.8 29.5 44.3
58 63.1 37.4 56.2#



#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026212.D
Acq: 03 Jul 2023 05:47

Tgt Ion: 128 Resp: 27362
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.4 10.7 16.1

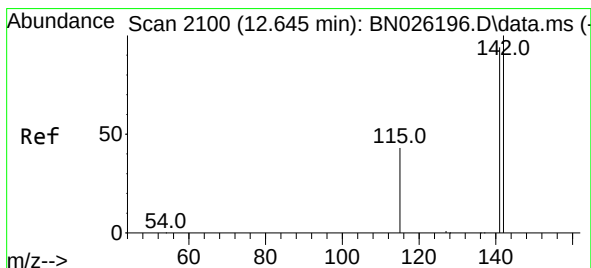
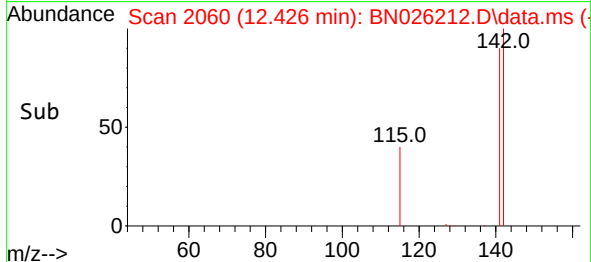
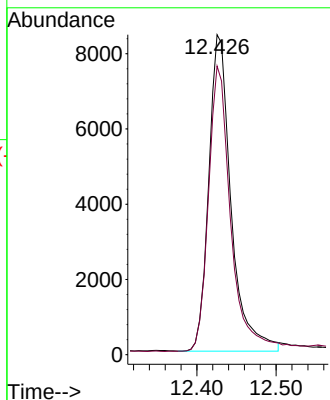
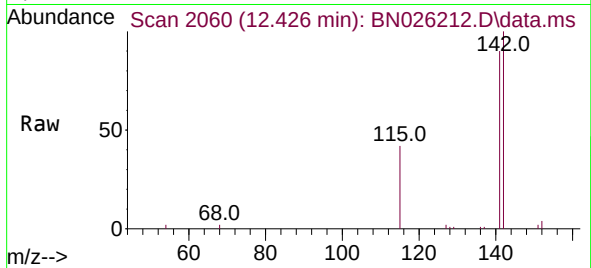




#7
2-Methylnaphthalene
Concen: 0.313 ng/ul
RT: 12.426 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026212.D
Acq: 03 Jul 2023 05:47

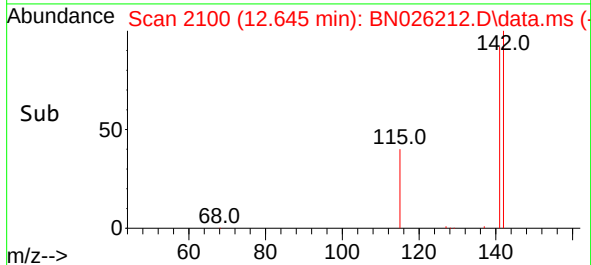
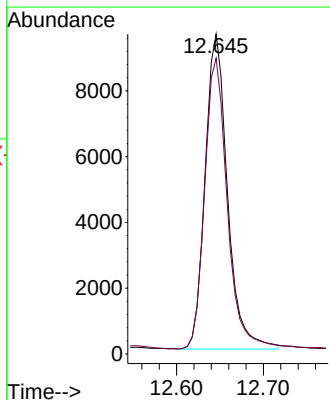
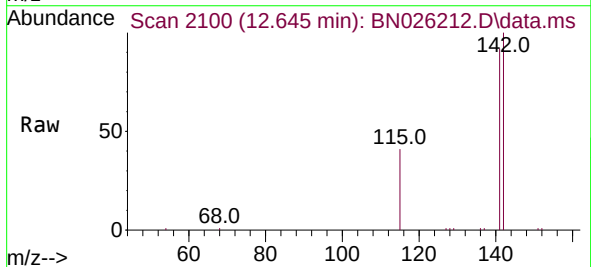
Instrument :
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ClientSampleId :
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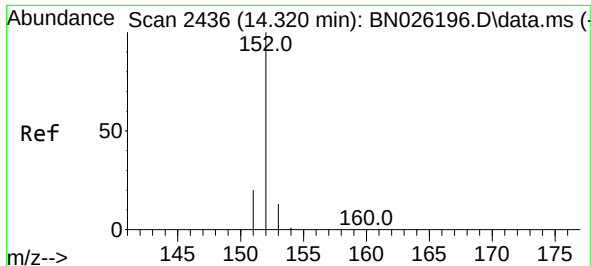
Tgt Ion:142 Resp: 16484
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026212.D
Acq: 03 Jul 2023 05:47

Tgt Ion:142 Resp: 17152
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4

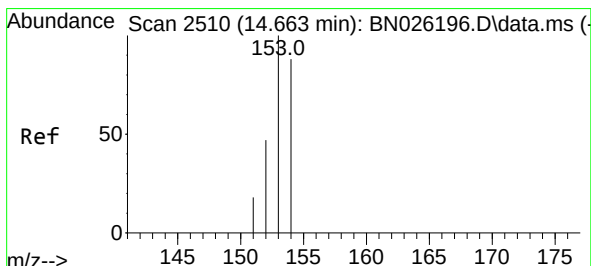
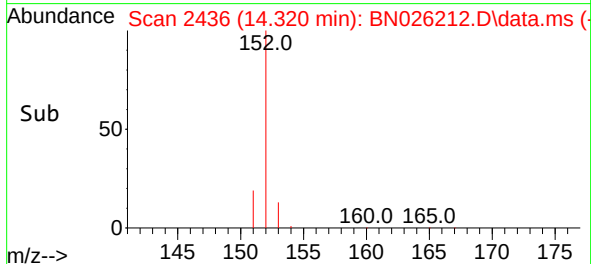
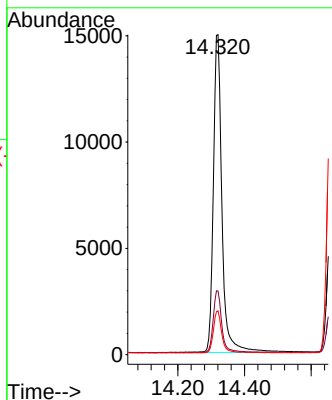
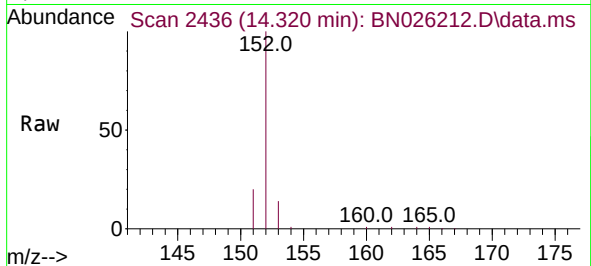




#10
Acenaphthylene
Concen: 0.372 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026212.D
Acq: 03 Jul 2023 05:47

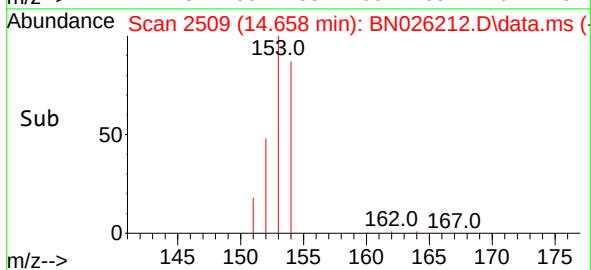
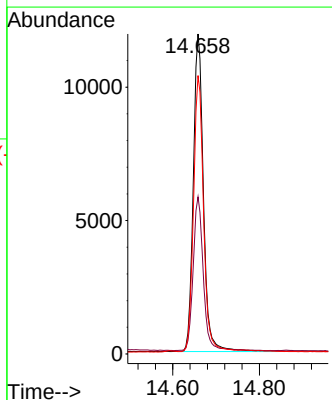
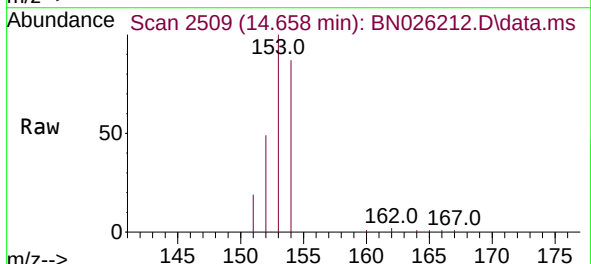
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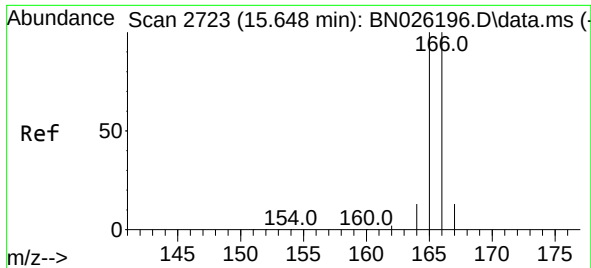
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	13.7	10.9	16.3



#11
Acenaphthene
Concen: 0.328 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026212.D
Acq: 03 Jul 2023 05:47

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.1	39.4	59.0
154	87.0	68.9	103.3

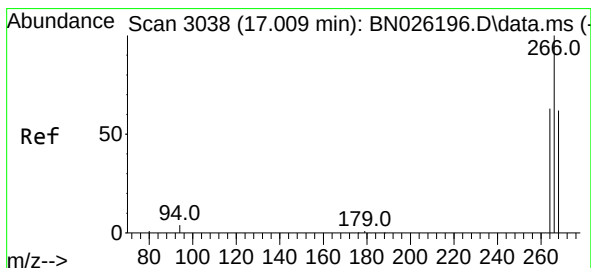
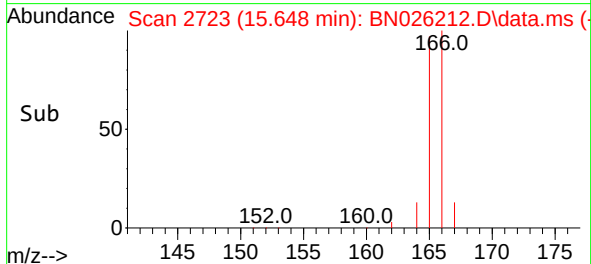
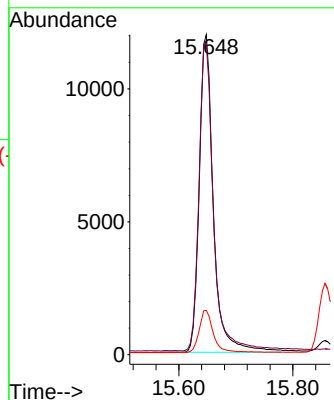
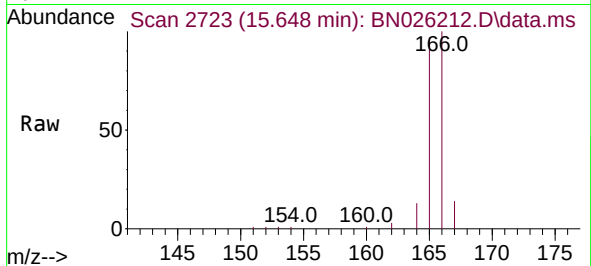




#12
Fluorene
Concen: 0.304 ng/ul
RT: 15.648 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026212.D
Acq: 03 Jul 2023 05:47

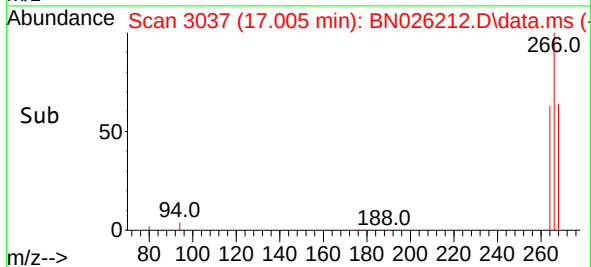
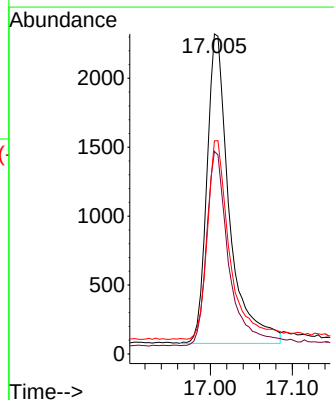
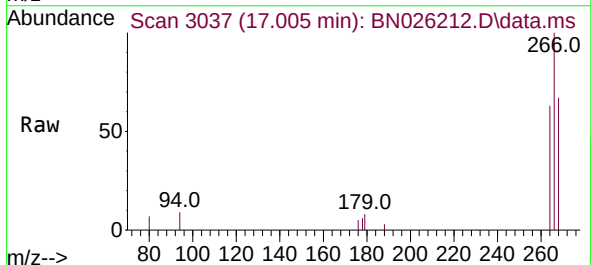
Instrument :
BNA_N
ClientSampleId :
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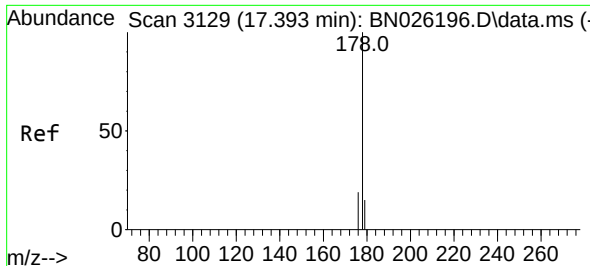
Tgt Ion:166	Resp:	20575
Ion Ratio	Lower	Upper
166	100	
165	97.4	79.9 119.9
167	13.8	10.8 16.2



#14
Pentachlorophenol
Concen: 0.441 ng/ul
RT: 17.005 min Scan# 3037
Delta R.T. -0.005 min
Lab File: BN026212.D
Acq: 03 Jul 2023 05:47

Tgt Ion:266	Resp:	4287
Ion Ratio	Lower	Upper
266	100	
264	62.7	50.5 75.7
268	64.1	51.6 77.4

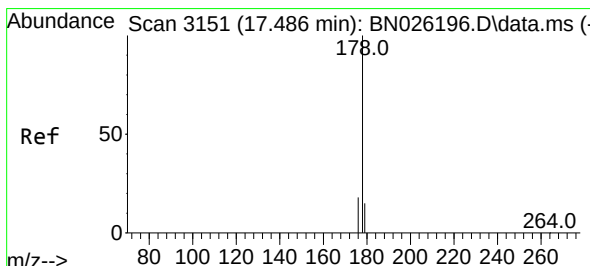
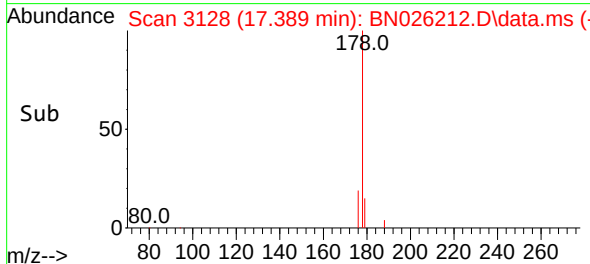
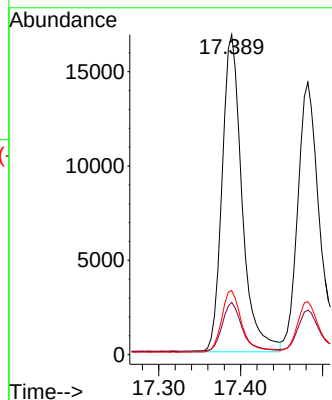
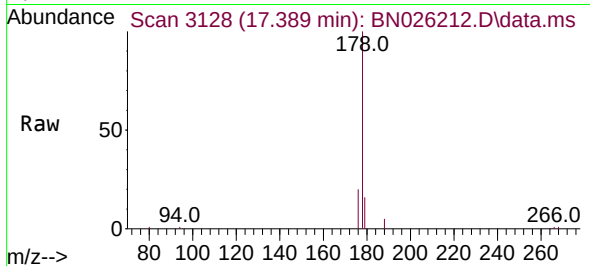




#15
Phenanthrene
Concen: 0.317 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026212.D
Acq: 03 Jul 2023 05:47

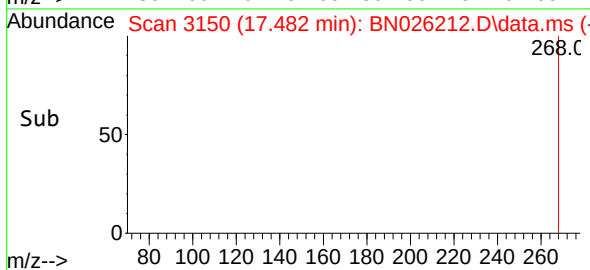
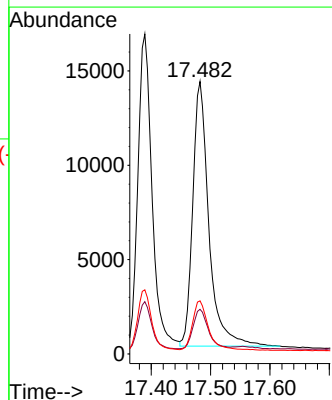
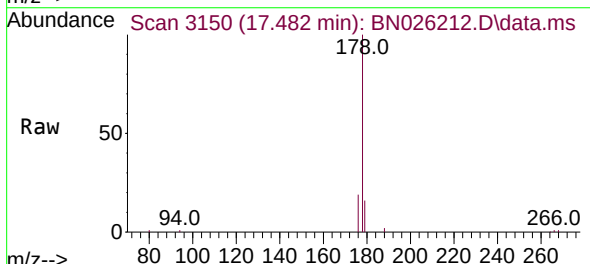
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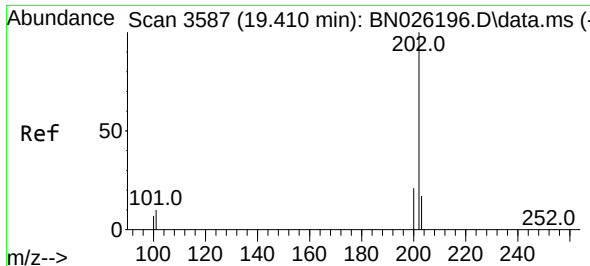
Tgt Ion:178 Resp: 28414
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 20.0 15.8 23.6



#16
Anthracene
Concen: 0.332 ng/ul
RT: 17.482 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BN026212.D
Acq: 03 Jul 2023 05:47

Tgt Ion:178 Resp: 26453
Ion Ratio Lower Upper
178 100
179 16.4 12.6 18.8
176 19.5 15.1 22.7

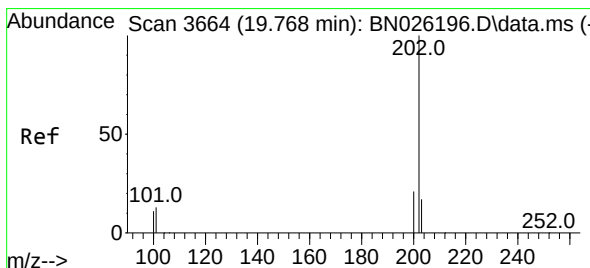
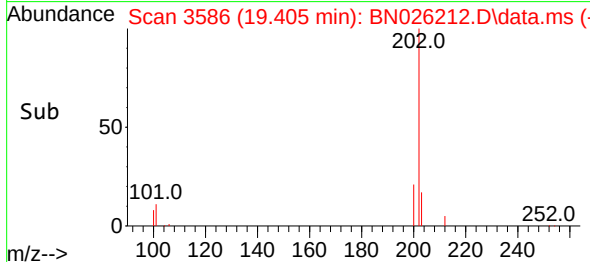
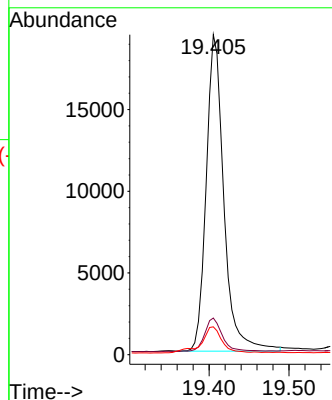
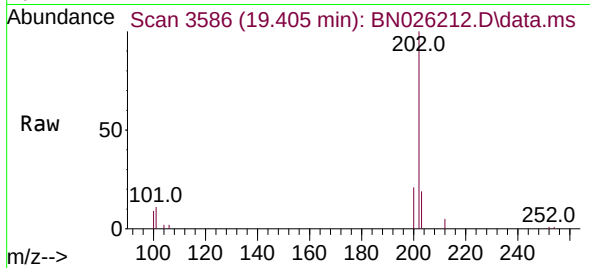




#19
Fluoranthene
Concen: 0.346 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026212.D
Acq: 03 Jul 2023 05:47

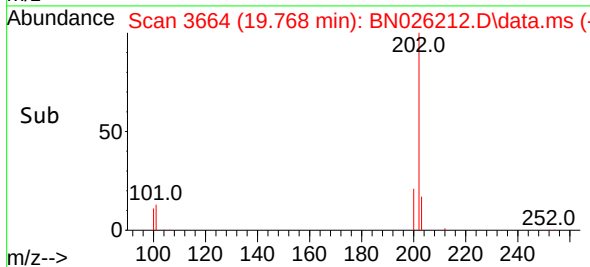
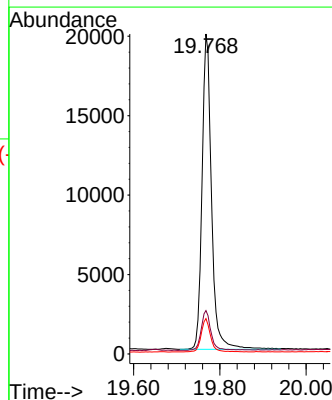
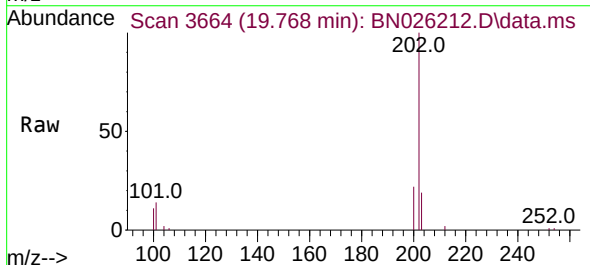
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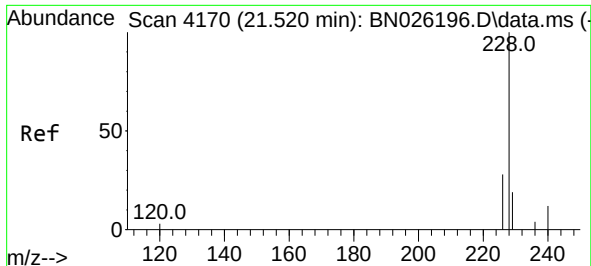
Tgt Ion:202 Resp: 29805
Ion Ratio Lower Upper
202 100
101 11.5 9.5 14.3
100 8.7 7.3 10.9



#20
Pyrene
Concen: 0.340 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026212.D
Acq: 03 Jul 2023 05:47

Tgt Ion:202 Resp: 30390
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 11.0 9.1 13.7

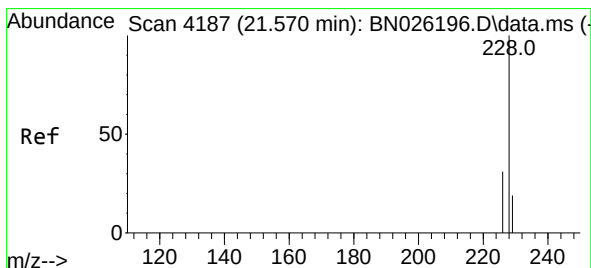
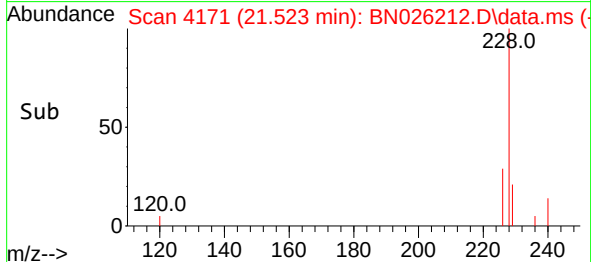
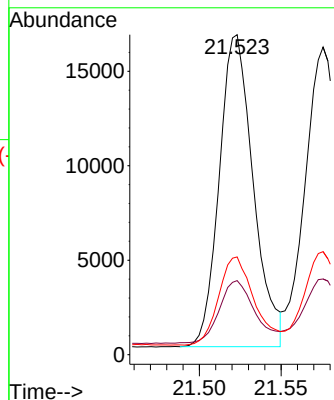
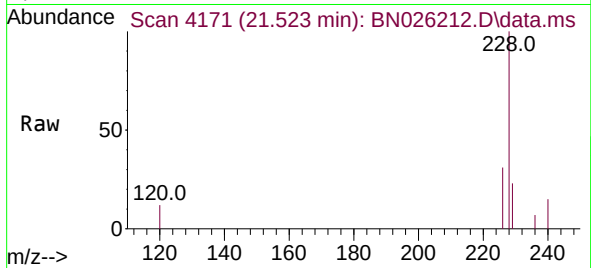




#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.523 min Scan# 4171
Delta R.T. -0.004 min
Lab File: BN026212.D
Acq: 03 Jul 2023 05:47

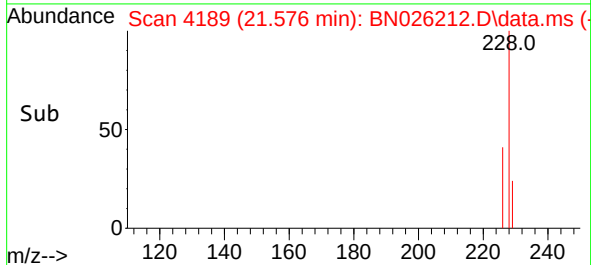
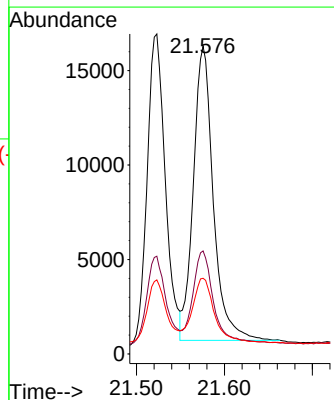
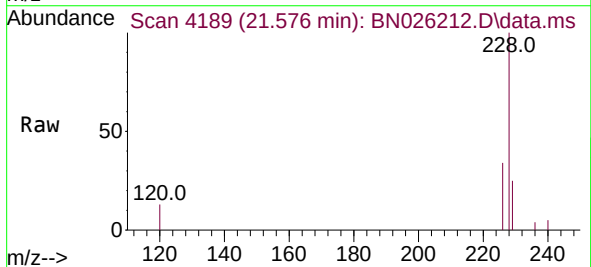
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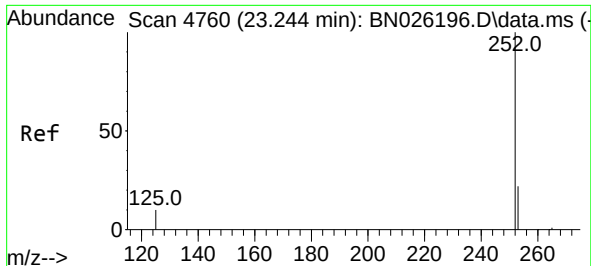
Tgt Ion:228 Resp: 23895
Ion Ratio Lower Upper
228 100
229 23.1 15.8 23.6
226 30.6 22.5 33.7



#22
Chrysene
Concen: 0.355 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026212.D
Acq: 03 Jul 2023 05:47

Tgt Ion:228 Resp: 24573
Ion Ratio Lower Upper
228 100
226 33.5 24.8 37.2
229 24.6 15.7 23.5#

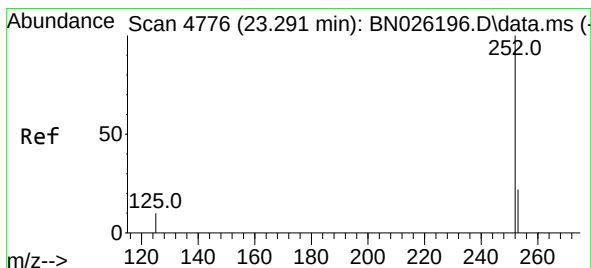
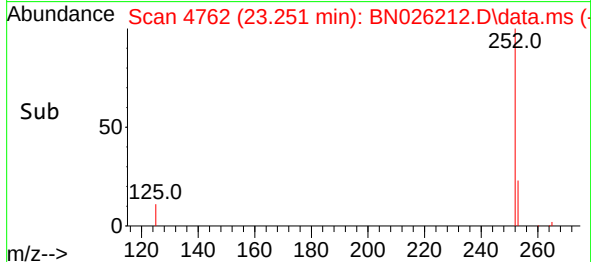
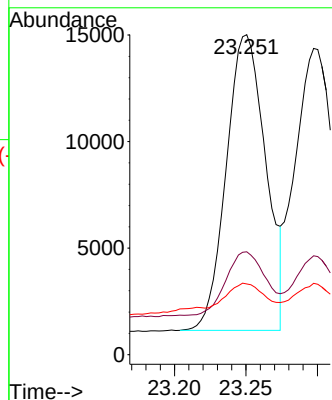
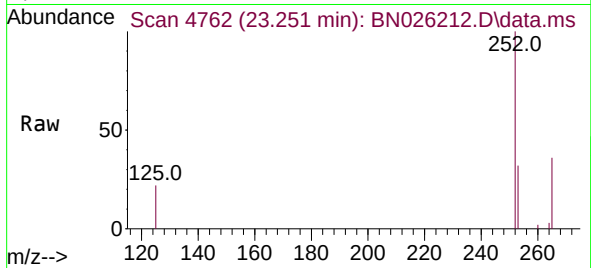




#24
Benzo(b)fluoranthene
Concen: 0.335 ng/ul
RT: 23.251 min Scan# 4762
Delta R.T. 0.008 min
Lab File: BN026212.D
Acq: 03 Jul 2023 05:47

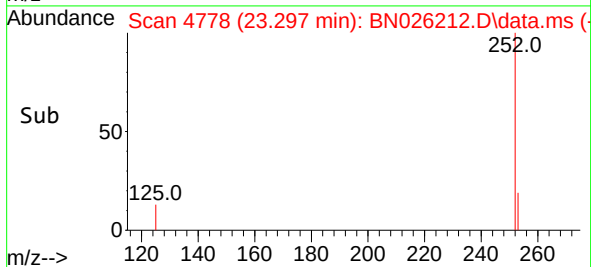
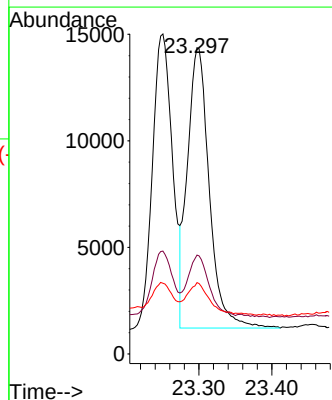
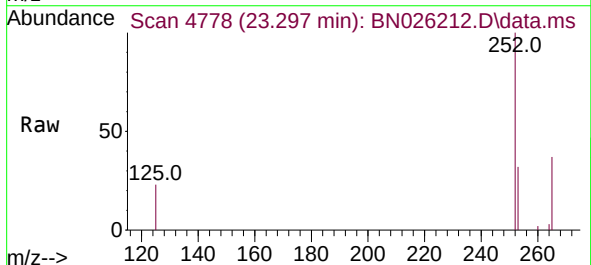
Instrument :
BNA_N
ClientSampleId :
SLCS765

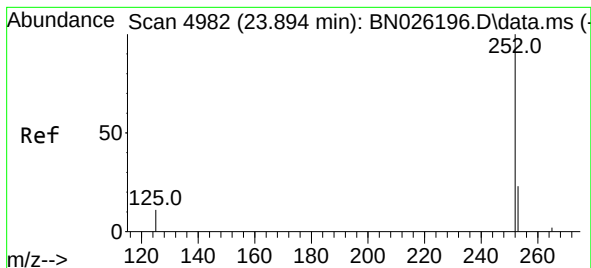
Tgt Ion:252 Resp: 26665
Ion Ratio Lower Upper
252 100
253 32.1 0.0 55.6
125 22.1 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.342 ng/ul
RT: 23.297 min Scan# 4778
Delta R.T. 0.005 min
Lab File: BN026212.D
Acq: 03 Jul 2023 05:47

Tgt Ion:252 Resp: 27359
Ion Ratio Lower Upper
252 100
253 32.3 23.2 34.8
125 23.3 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.350 ng/ul

RT: 23.897 min Scan# 4982

Delta R.T. 0.011 min

Lab File: BN026212.D

Acq: 03 Jul 2023 05:47

Instrument :

BNA_N

ClientSampleId :

SLCS765

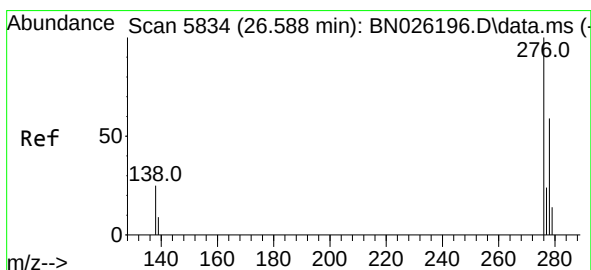
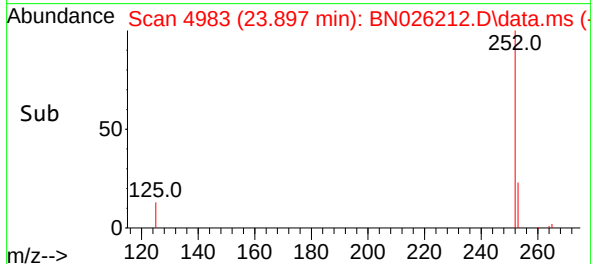
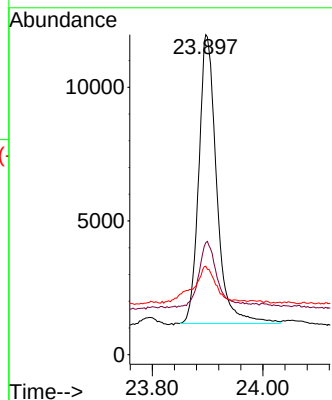
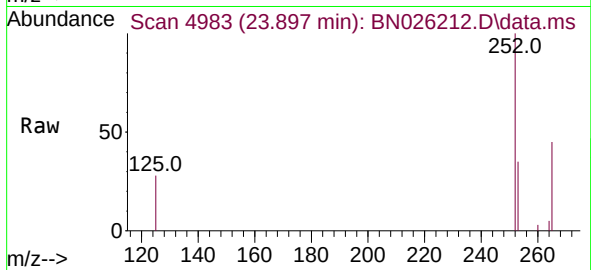
Tgt Ion:252 Resp: 24228

Ion Ratio Lower Upper

252 100

253 35.0 26.0 39.0

125 27.7 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.424 ng/ul

RT: 26.591 min Scan# 5835

Delta R.T. 0.033 min

Lab File: BN026212.D

Acq: 03 Jul 2023 05:47

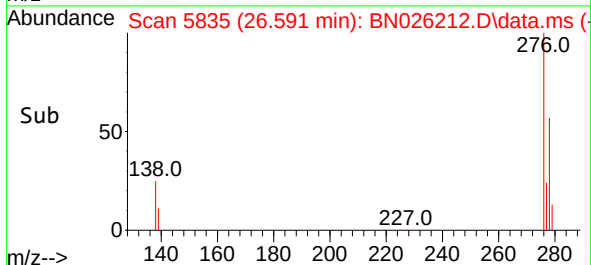
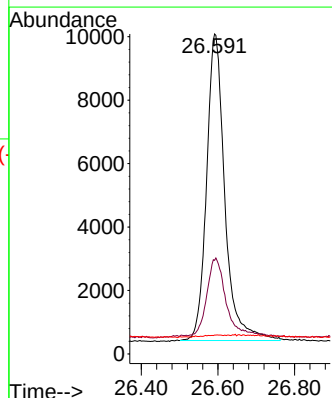
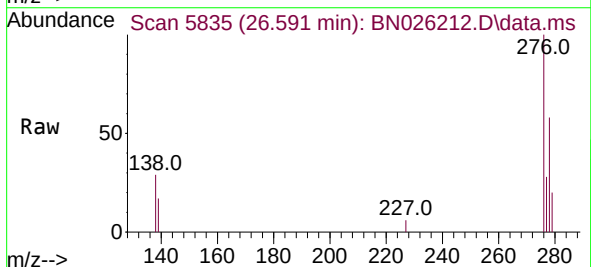
Tgt Ion:276 Resp: 32022

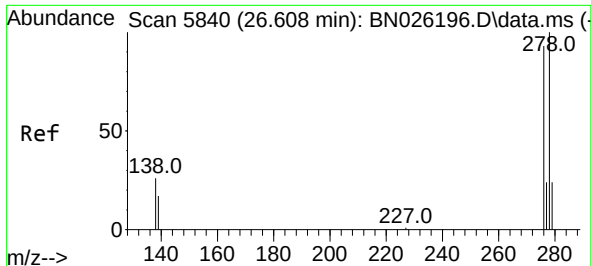
Ion Ratio Lower Upper

276 100

138 27.2 24.5 36.7

227 0.5 0.0 0.0#

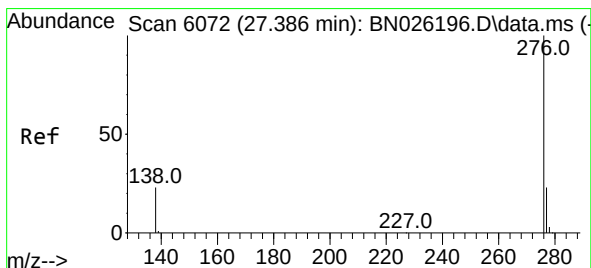
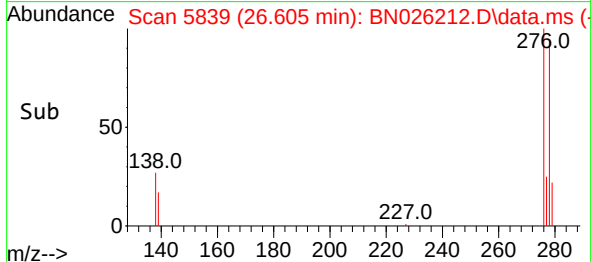
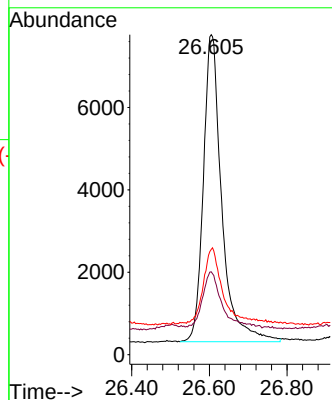
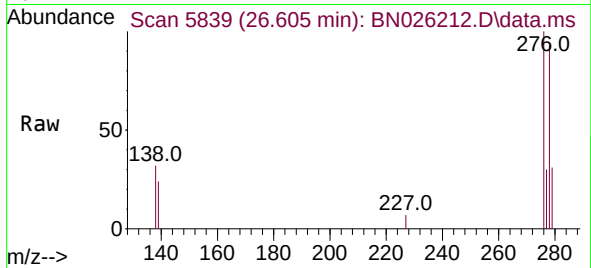




#28
 Dibenzo(a,h)anthracene
 Concen: 0.429 ng/ul
 RT: 26.605 min Scan# 5839
 Delta R.T. 0.026 min
 Lab File: BN026212.D
 Acq: 03 Jul 2023 05:47

Instrument :
 BNA_N
 ClientSampleId :
 SLCS765

Tgt Ion:278 Resp: 24523
 Ion Ratio Lower Upper
 278 100
 139 25.9 19.0 28.4
 279 32.9 26.7 40.1



#29
 Benzo(g,h,i)perylene
 Concen: 0.404 ng/ul
 RT: 27.393 min Scan# 6074
 Delta R.T. 0.046 min
 Lab File: BN026212.D
 Acq: 03 Jul 2023 05:47

Tgt Ion:276 Resp: 27156
 Ion Ratio Lower Upper
 276 100
 138 28.9 23.4 35.0
 277 28.9 20.0 30.0

