

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070823\
 Data File : BN026396.D
 Acq On : 08 Jul 2023 21:40
 Operator : MA/JU
 Sample : 03350-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YBW27MS

Quant Time: Jul 08 23:54:14 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 08 09:20:18 2023
 Response via : Initial Calibration

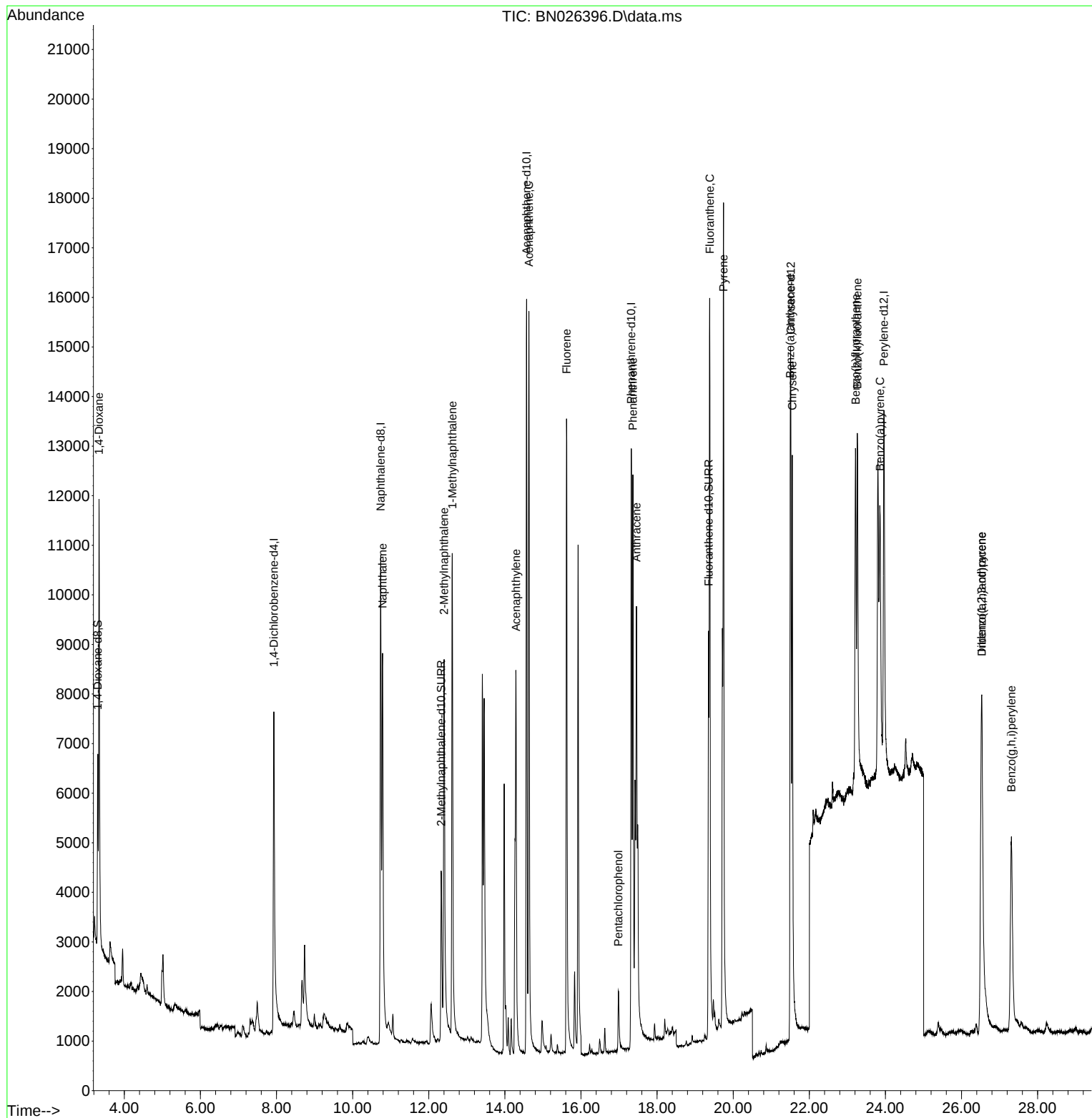
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	5210	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	18433	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.570	164	9590	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	17419	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	10859	0.400	ng/ul	-0.01
23) Perylene-d12	23.961	264	10553	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	2683	0.457	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	6337	0.224	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	10595	0.256	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	6741	1.082	ng/ul#	87
5) Naphthalene	10.787	128	13481	0.255	ng/ul	99
7) 2-Methylnaphthalene	12.404	142	7827	0.233	ng/ul	100
8) 1-Methylnaphthalene	12.618	142	8412	0.241	ng/ul	100
10) Acenaphthylene	14.293	152	10311	0.230	ng/ul	98
11) Acenaphthene	14.630	153	10016	0.273	ng/ul	98
12) Fluorene	15.620	166	10323	0.245	ng/ul	98
14) Pentachlorophenol	16.984	266	1177	0.189	ng/ul	99
15) Phenanthrene	17.364	178	14312	0.249	ng/ul	98
16) Anthracene	17.457	178	13925	0.272	ng/ul	96
19) Fluoranthene	19.382	202	14990	0.258	ng/ul	100
20) Pyrene	19.745	202	16028	0.266	ng/ul	98
21) Benzo(a)anthracene	21.500	228	10877	0.243	ng/ul	99
22) Chrysene	21.552	228	12059	0.259	ng/ul	99
24) Benzo(b)fluoranthene	23.215	252	11609	0.258	ng/ul	86
25) Benzo(k)fluoranthene	23.262	252	11706	0.259	ng/ul#	88
26) Benzo(a)pyrene	23.862	252	9968	0.255	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.527	276	12579	0.294	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.534	278	9596	0.297	ng/ul	92
29) Benzo(g,h,i)perylene	27.312	276	11261	0.296	ng/ul	98

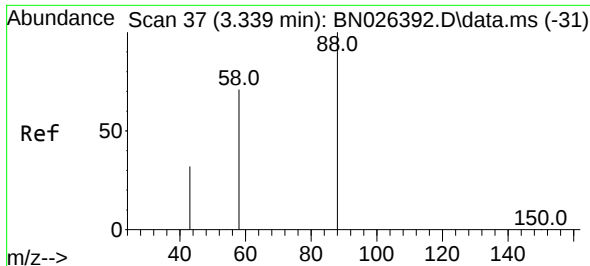
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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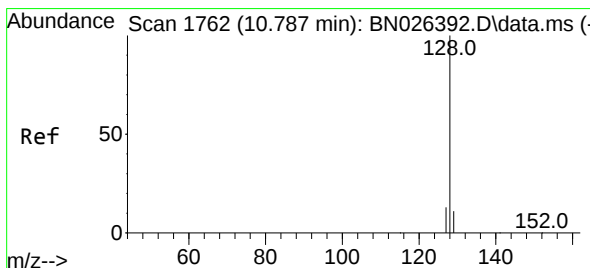
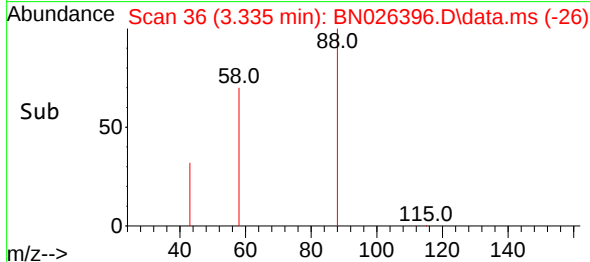
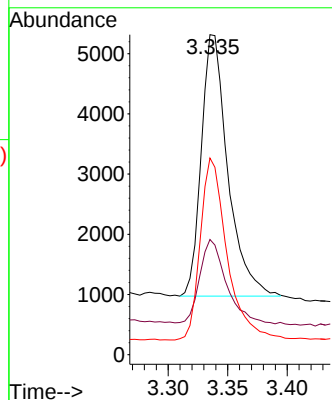
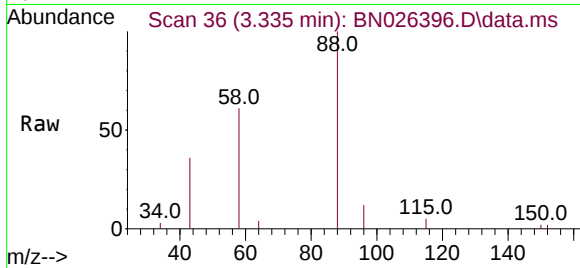




#2
1,4-Dioxane
Concen: 1.082 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. -0.008 min
Lab File: BN026396.D
Acq: 08 Jul 2023 21:40

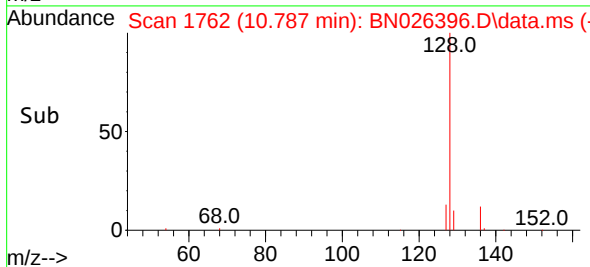
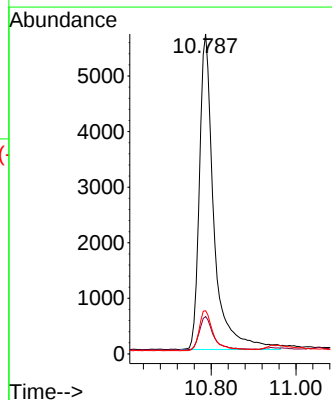
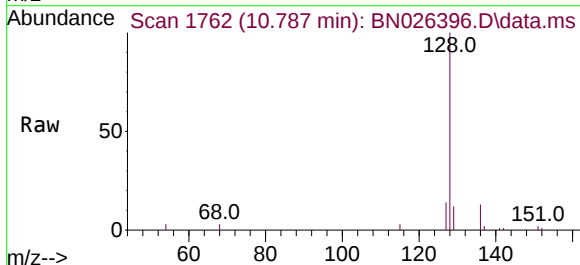
Instrument :
BNA_N
ClientSampleId :
YBW27MS

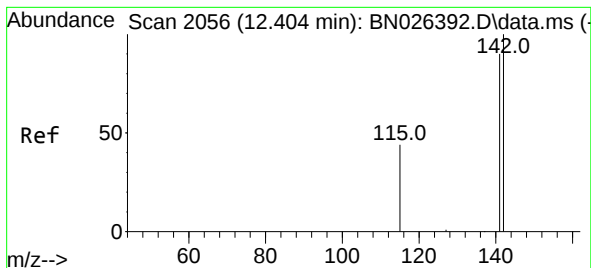
Tgt Ion: 88 Resp: 6741
Ion Ratio Lower Upper
88 100
43 36.0 29.5 44.3
58 61.5 37.4 56.2#



#5
Naphthalene
Concen: 0.255 ng/ul
RT: 10.787 min Scan# 1762
Delta R.T. -0.004 min
Lab File: BN026396.D
Acq: 08 Jul 2023 21:40

Tgt Ion:128 Resp: 13481
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.5 10.7 16.1

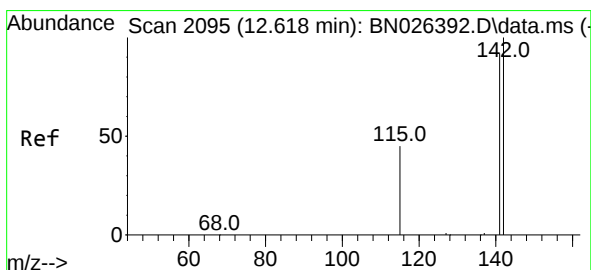
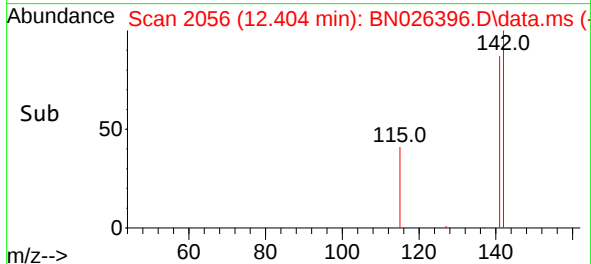
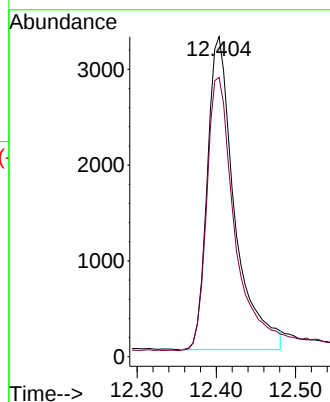
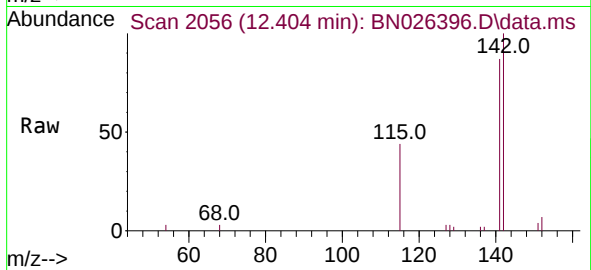




#7
2-Methylnaphthalene
Concen: 0.233 ng/ul
RT: 12.404 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BN026396.D
Acq: 08 Jul 2023 21:40

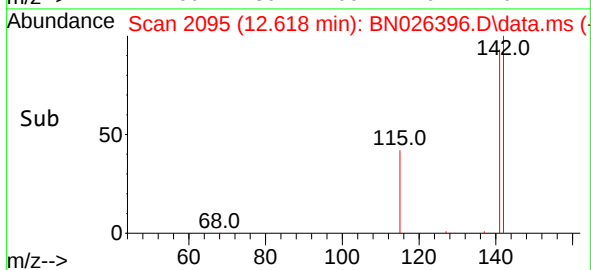
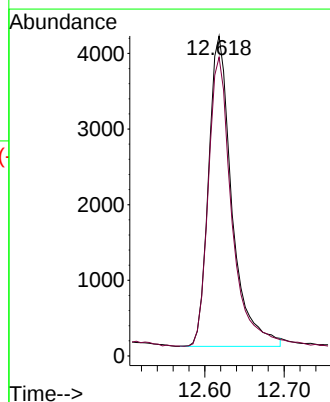
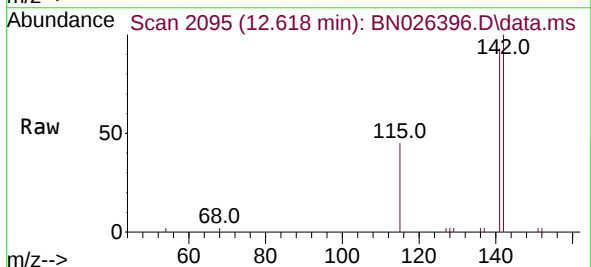
Instrument :
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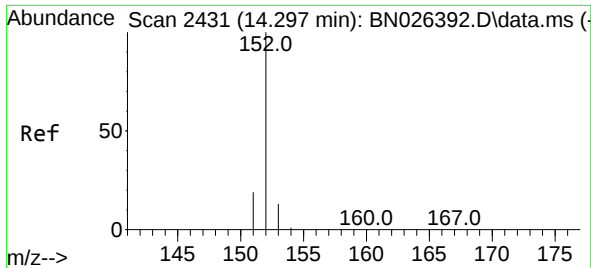
Tgt Ion:142 Resp: 7827
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.241 ng/ul
RT: 12.618 min Scan# 2095
Delta R.T. -0.004 min
Lab File: BN026396.D
Acq: 08 Jul 2023 21:40

Tgt Ion:142 Resp: 8412
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4

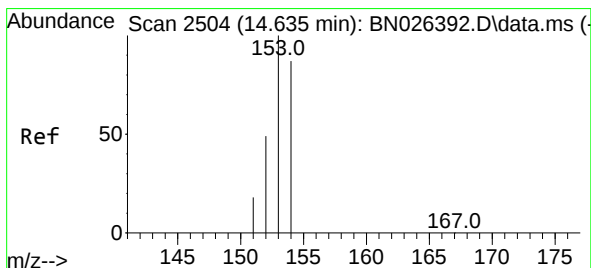
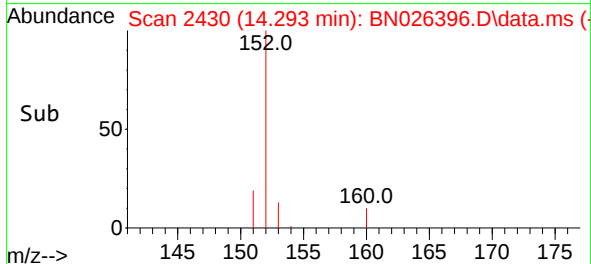
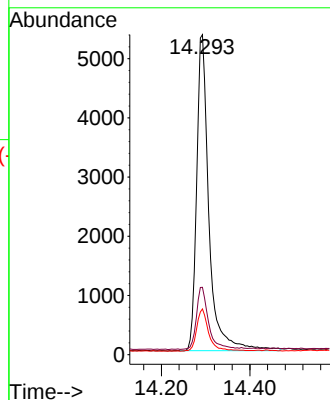
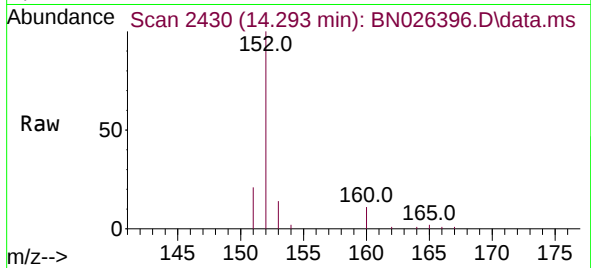




#10
Acenaphthylene
Concen: 0.230 ng/ul
RT: 14.293 min Scan# 2431
Delta R.T. -0.004 min
Lab File: BN026396.D
Acq: 08 Jul 2023 21:40

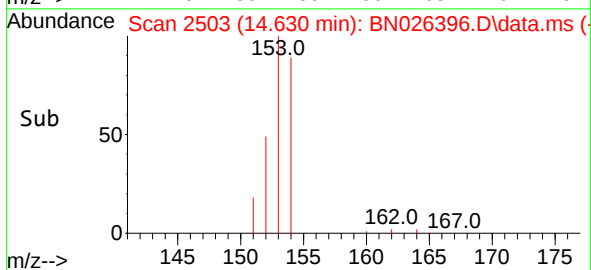
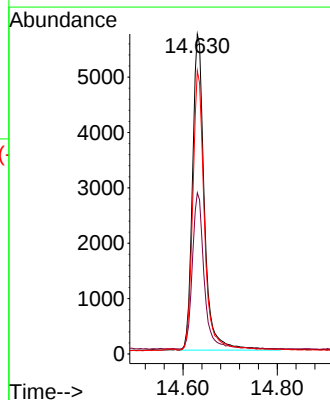
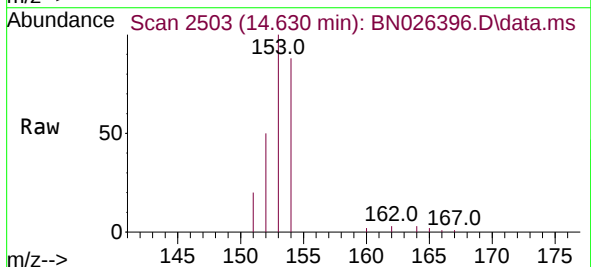
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BNA_N
ClientSampleId :
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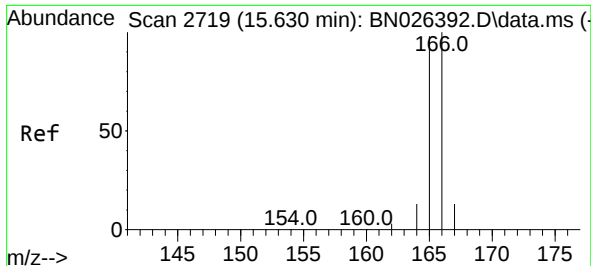
Tgt Ion:152 Resp: 10311
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4
153 14.3 10.9 16.3



#11
Acenaphthene
Concen: 0.273 ng/ul
RT: 14.630 min Scan# 2503
Delta R.T. -0.004 min
Lab File: BN026396.D
Acq: 08 Jul 2023 21:40

Tgt Ion:153 Resp: 10016
Ion Ratio Lower Upper
153 100
152 50.4 39.4 59.0
154 88.5 68.9 103.3

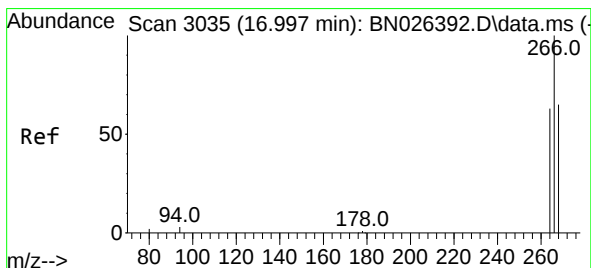
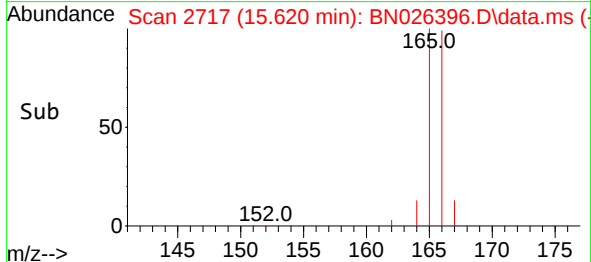
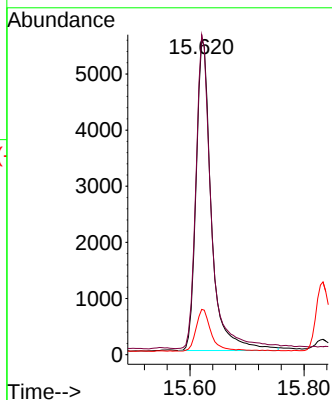
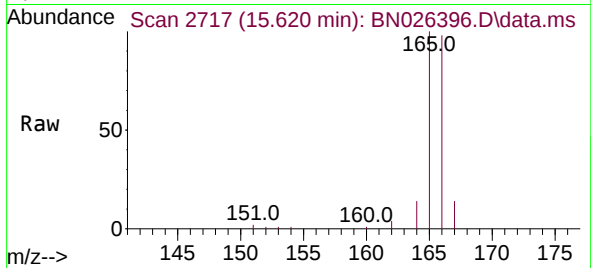




#12
Fluorene
Concen: 0.245 ng/ul
RT: 15.620 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026396.D
Acq: 08 Jul 2023 21:40

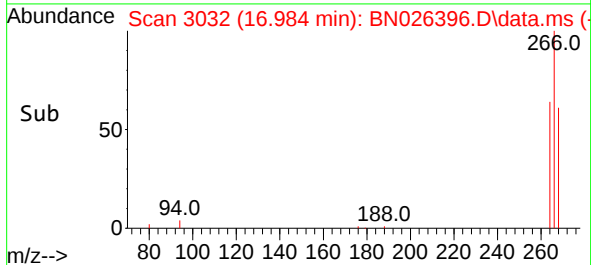
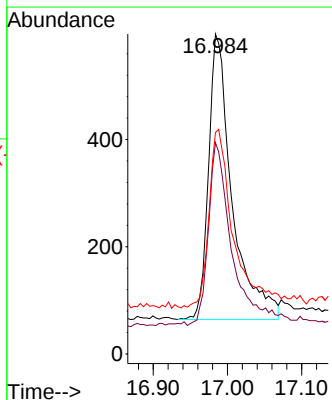
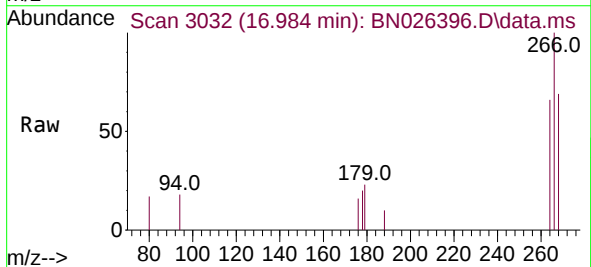
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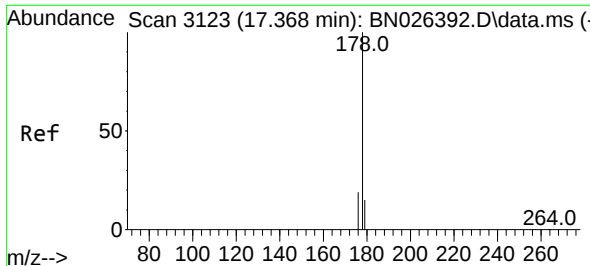
Tgt Ion:166 Resp: 10323
Ion Ratio Lower Upper
166 100
165 101.6 79.9 119.9
167 14.4 10.8 16.2



#14
Pentachlorophenol
Concen: 0.189 ng/ul
RT: 16.984 min Scan# 3032
Delta R.T. -0.012 min
Lab File: BN026396.D
Acq: 08 Jul 2023 21:40

Tgt Ion:266 Resp: 1177
Ion Ratio Lower Upper
266 100
264 63.6 50.5 75.7
268 64.8 51.6 77.4

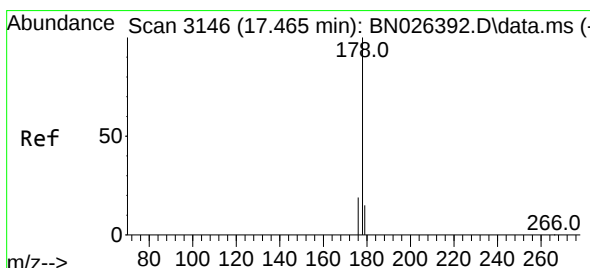
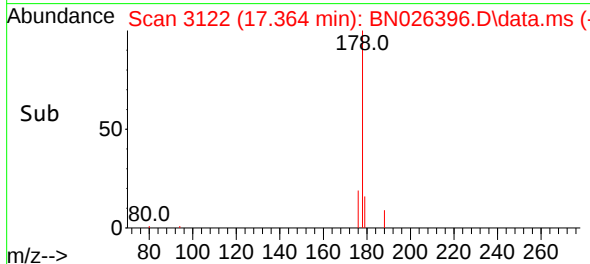
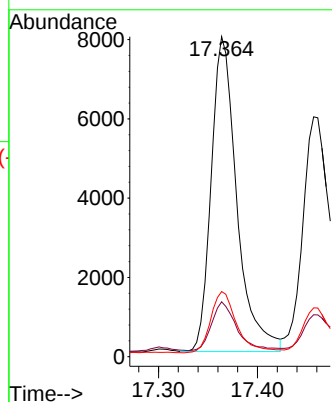
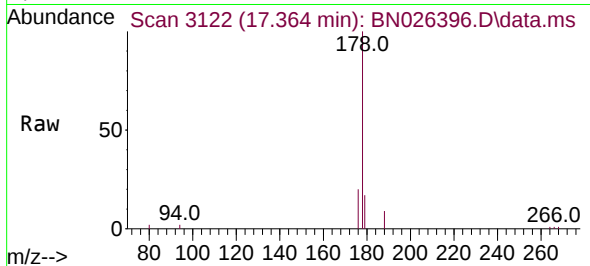




#15
Phenanthrene
Concen: 0.249 ng/ul
RT: 17.364 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BN026396.D
Acq: 08 Jul 2023 21:40

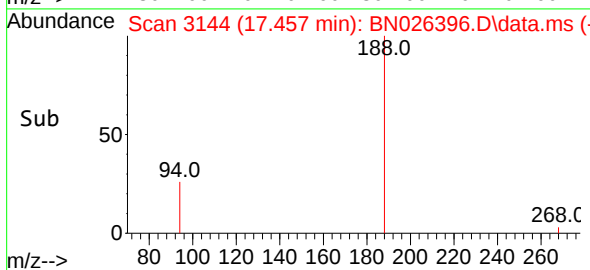
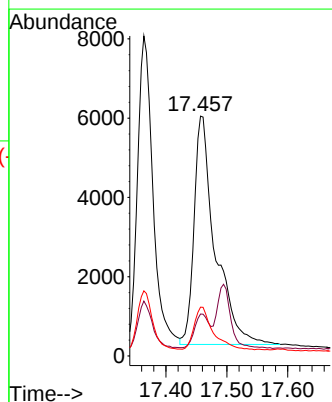
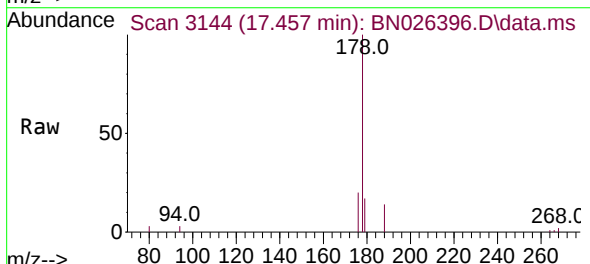
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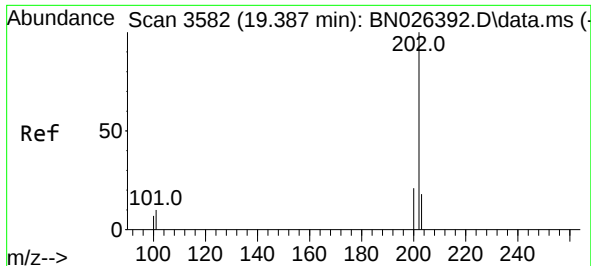
Tgt Ion:	178	Resp:	14312
Ion Ratio	Lower	Upper	
178	100		
179	17.2	12.6	19.0
176	20.3	15.8	23.6



#16
Anthracene
Concen: 0.272 ng/ul
RT: 17.457 min Scan# 3144
Delta R.T. -0.008 min
Lab File: BN026396.D
Acq: 08 Jul 2023 21:40

Tgt Ion:	178	Resp:	13925
Ion Ratio	Lower	Upper	
178	100		
179	17.5	12.6	18.8
176	20.4	15.1	22.7

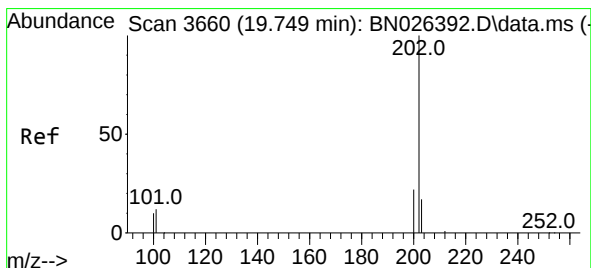
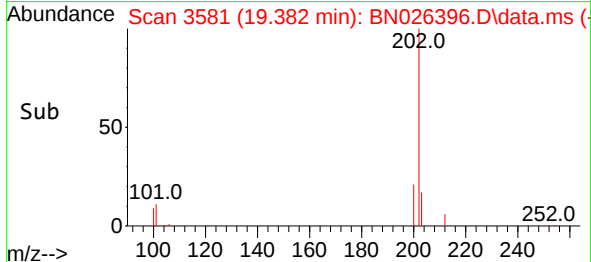
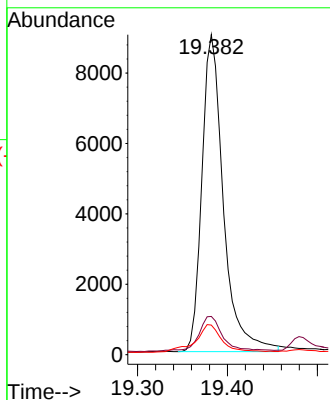
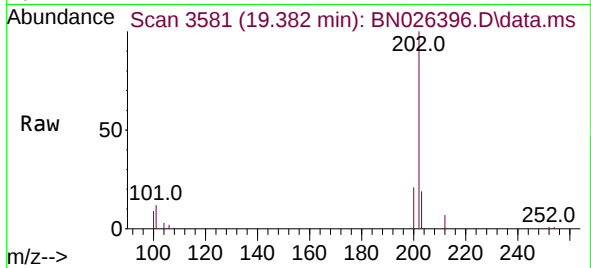




#19
Fluoranthene
Concen: 0.258 ng/ul
RT: 19.382 min Scan# 3582
Delta R.T. -0.004 min
Lab File: BN026396.D
Acq: 08 Jul 2023 21:40

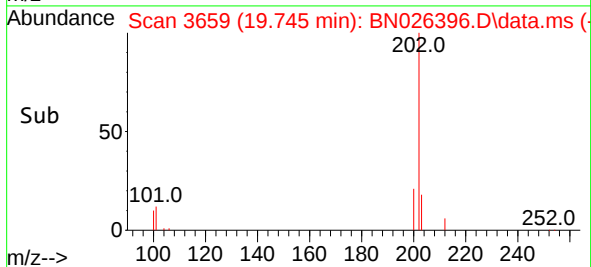
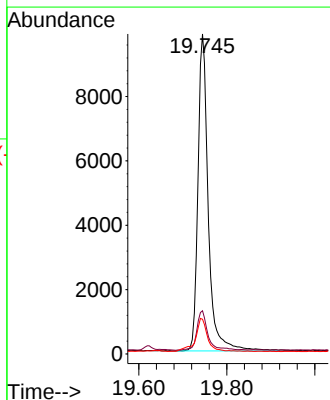
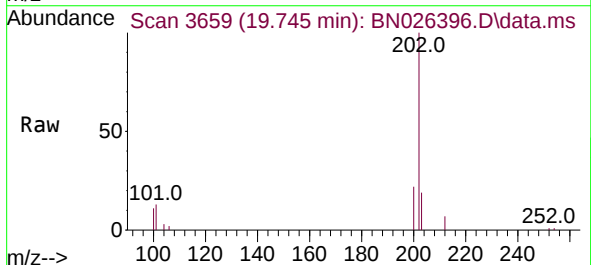
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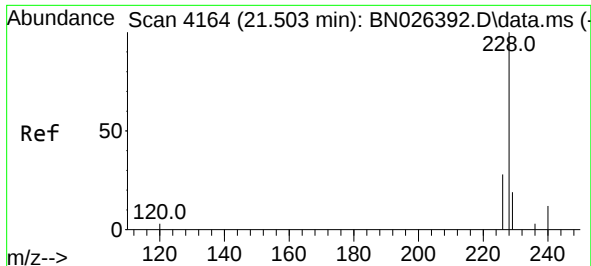
Tgt Ion:202 Resp: 14990
Ion Ratio Lower Upper
202 100
101 12.0 9.5 14.3
100 9.3 7.3 10.9



#20
Pyrene
Concen: 0.266 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. -0.008 min
Lab File: BN026396.D
Acq: 08 Jul 2023 21:40

Tgt Ion:202 Resp: 16028
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 10.9 9.1 13.7

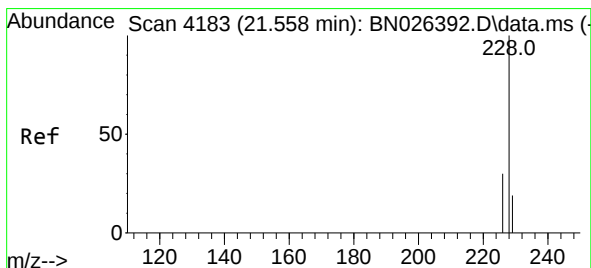
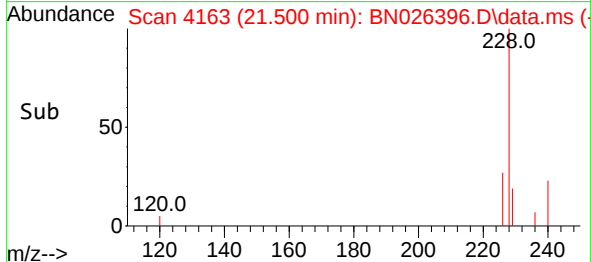
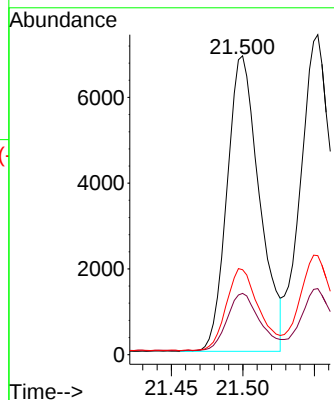
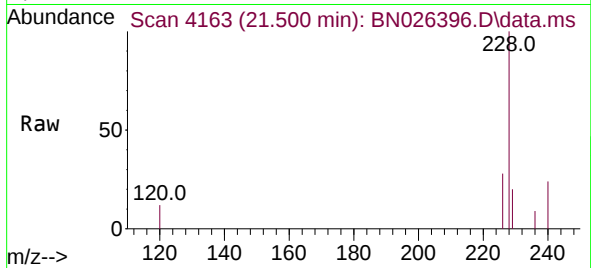




#21
Benzo(a)anthracene
Concen: 0.243 ng/ul
RT: 21.500 min Scan# 4164
Delta R.T. -0.011 min
Lab File: BN026396.D
Acq: 08 Jul 2023 21:40

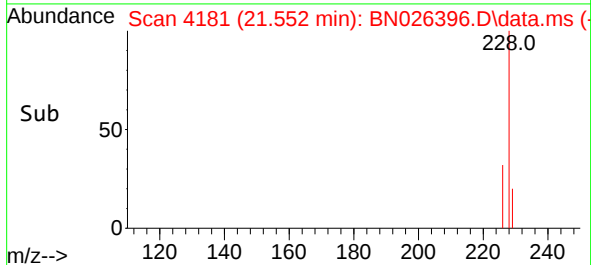
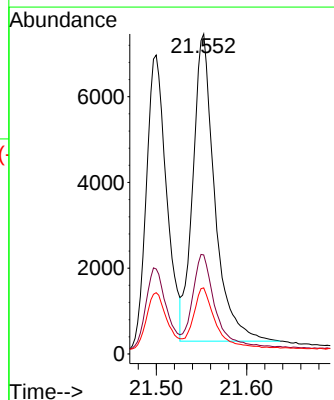
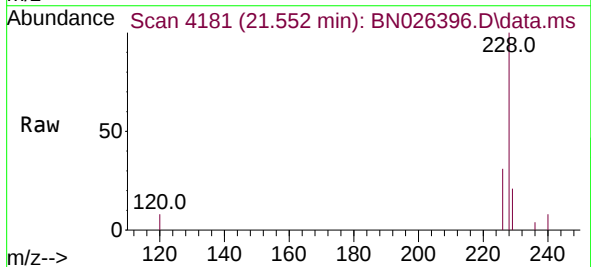
Instrument :
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YBW27MS

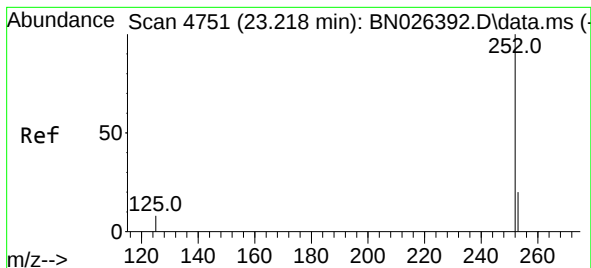
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Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 28.4 22.5 33.7



#22
Chrysene
Concen: 0.259 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. -0.011 min
Lab File: BN026396.D
Acq: 08 Jul 2023 21:40

Tgt Ion:228 Resp: 12059
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 20.7 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.258 ng/ul

RT: 23.215 min Scan# 4751

Delta R.T. -0.011 min

Lab File: BN026396.D

Acq: 08 Jul 2023 21:40

Instrument :

BNA_N

ClientSampleId :

YBW27MS

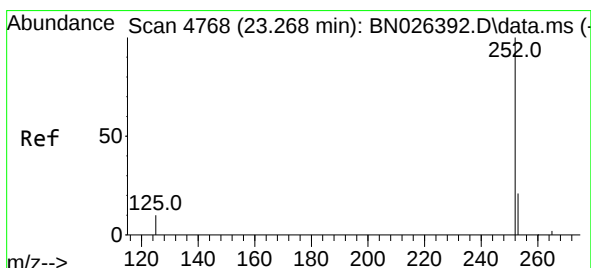
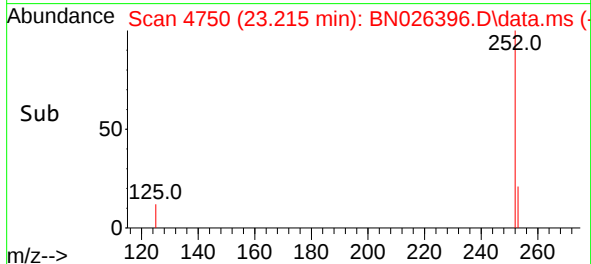
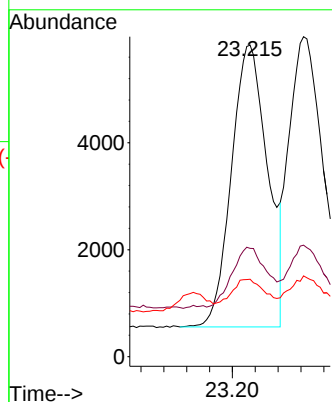
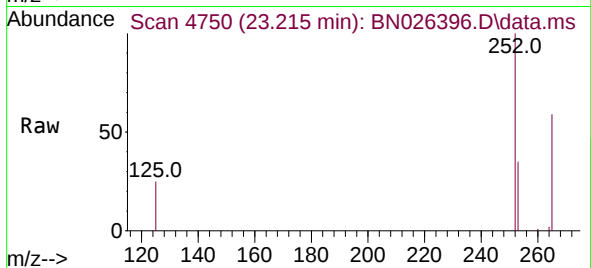
Tgt Ion:252 Resp: 11609

Ion Ratio Lower Upper

252 100

253 34.8 0.0 55.6

125 24.8 0.0 35.8



#25

Benzo(k)fluoranthene

Concen: 0.259 ng/ul

RT: 23.262 min Scan# 4766

Delta R.T. -0.011 min

Lab File: BN026396.D

Acq: 08 Jul 2023 21:40

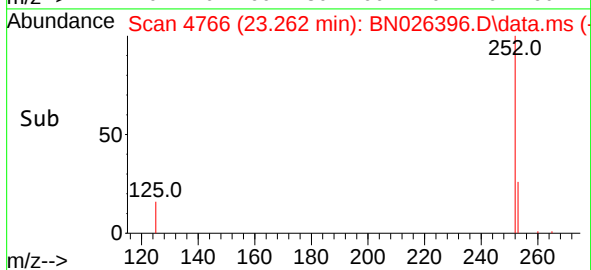
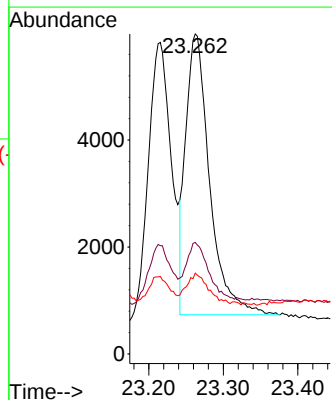
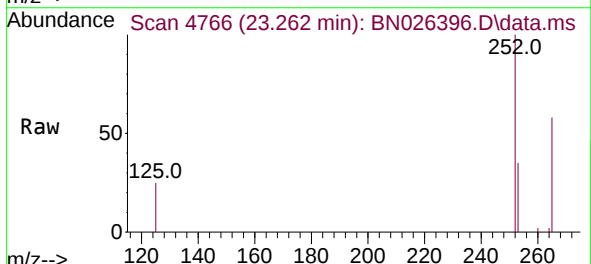
Tgt Ion:252 Resp: 11706

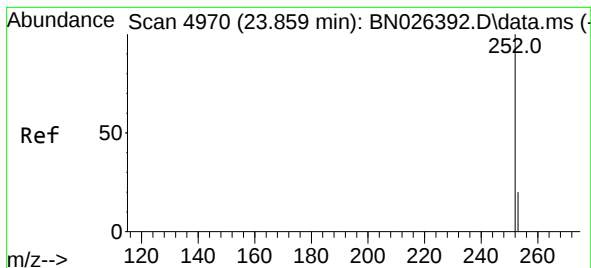
Ion Ratio Lower Upper

252 100

253 34.8 23.2 34.8#

125 25.3 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.255 ng/ul

RT: 23.862 min Scan# 4971

Delta R.T. -0.005 min

Lab File: BN026396.D

Acq: 08 Jul 2023 21:40

Instrument :

BNA_N

ClientSampleId :

YBW27MS

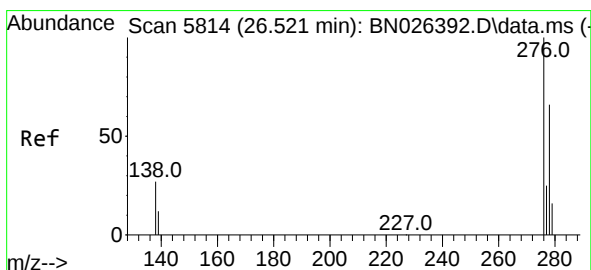
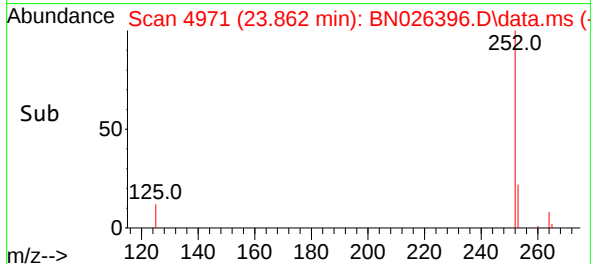
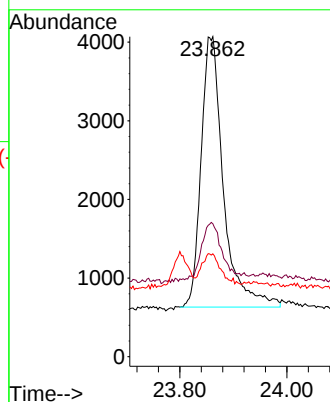
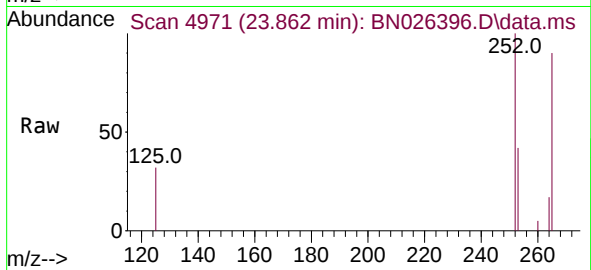
Tgt Ion:252 Resp: 9968

Ion Ratio Lower Upper

252 100

253 41.5 26.0 39.0#

125 32.1 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.294 ng/ul

RT: 26.527 min Scan# 5816

Delta R.T. 0.001 min

Lab File: BN026396.D

Acq: 08 Jul 2023 21:40

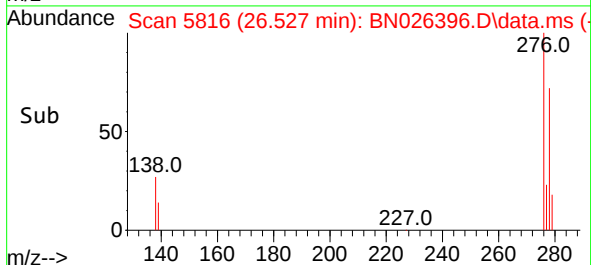
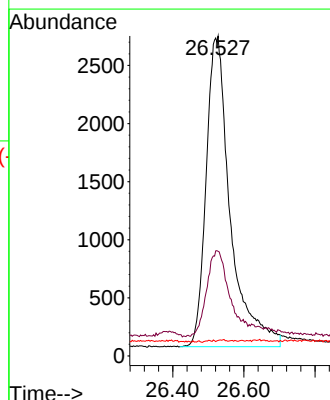
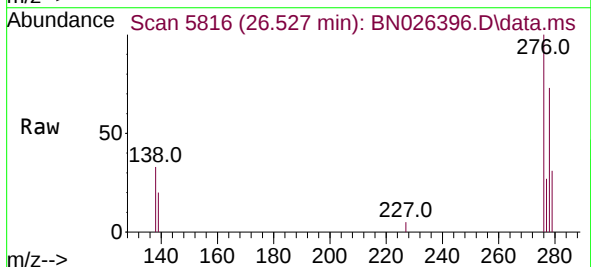
Tgt Ion:276 Resp: 12579

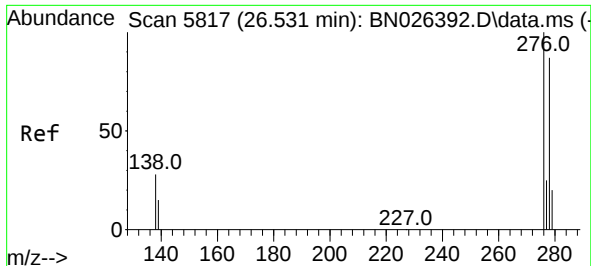
Ion Ratio Lower Upper

276 100

138 28.6 24.5 36.7

227 0.0 0.0 0.0#

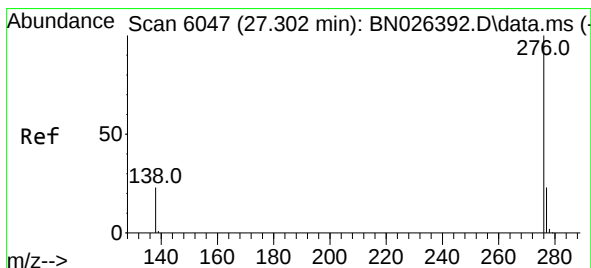
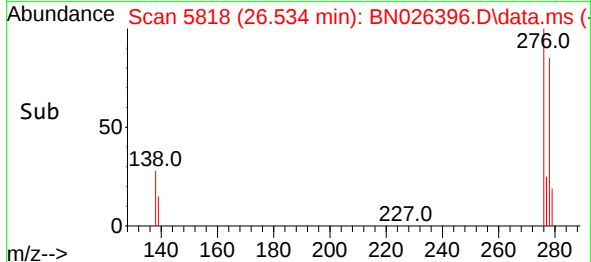
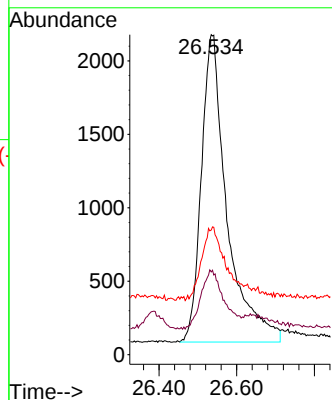
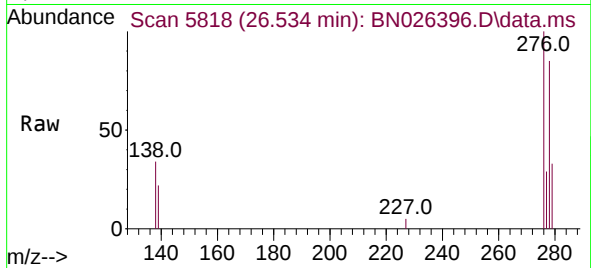




#28
 Dibenzo(a,h)anthracene
 Concen: 0.297 ng/ul
 RT: 26.534 min Scan# 5817
 Delta R.T. -0.006 min
 Lab File: BN026396.D
 Acq: 08 Jul 2023 21:40

Instrument :
 BNA_N
 ClientSampleId :
 YBW27MS

Tgt Ion:278 Resp: 9596
 Ion Ratio Lower Upper
 278 100
 139 25.8 19.0 28.4
 279 39.0 26.7 40.1



#29
 Benzo(g,h,i)perylene
 Concen: 0.296 ng/ul
 RT: 27.312 min Scan# 6050
 Delta R.T. -0.002 min
 Lab File: BN026396.D
 Acq: 08 Jul 2023 21:40

Tgt Ion:276 Resp: 11261
 Ion Ratio Lower Upper
 276 100
 138 28.8 23.4 35.0
 277 27.2 20.0 30.0

