

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070723\
 Data File : BN026356.D
 Acq On : 07 Jul 2023 13:16
 Operator : MA/JU
 Sample : 03284-10MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGZ6MS

Quant Time: Jul 07 15:53:11 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)

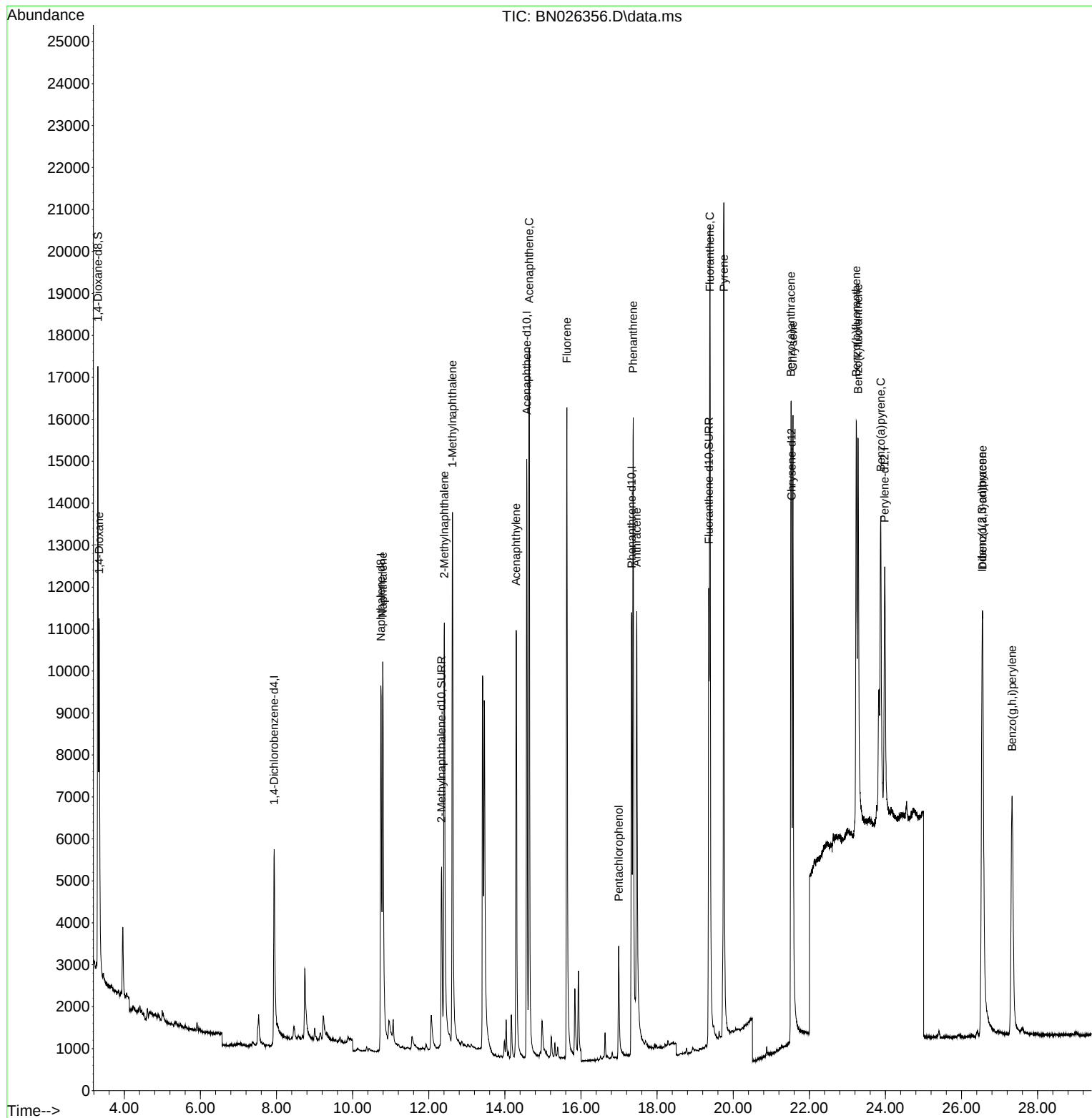
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	4104	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	16250	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	9033	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	15528	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	9208	0.400	ng/ul	0.00
23) Perylene-d12	23.981	264	9618	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	9885	2.139	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	7698	0.308	ng/ul	0.00
18) Fluoranthene-d10	19.359	212	14514	0.414	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.339	88	5819	1.186	ng/ul#	91
5) Naphthalene	10.792	128	16403	0.352	ng/ul	99
7) 2-Methylnaphthalene	12.409	142	9883	0.333	ng/ul	99
8) 1-Methylnaphthalene	12.623	142	10504	0.342	ng/ul	100
10) Acenaphthylene	14.297	152	14808	0.350	ng/ul	99
11) Acenaphthene	14.640	153	11677	0.337	ng/ul	98
12) Fluorene	15.630	166	12617	0.318	ng/ul	99
14) Pentachlorophenol	16.992	266	2370	0.426	ng/ul	99
15) Phenanthrene	17.372	178	19163	0.374	ng/ul	99
16) Anthracene	17.465	178	15993	0.351	ng/ul	98
19) Fluoranthene	19.387	202	19944	0.406	ng/ul	99
20) Pyrene	19.754	202	20874	0.408	ng/ul	97
21) Benzo(a)anthracene	21.517	228	14164	0.373	ng/ul	99
22) Chrysene	21.570	228	15358	0.389	ng/ul	98
24) Benzo(b)fluoranthene	23.236	252	14692	0.358	ng/ul	93
25) Benzo(k)fluoranthene	23.283	252	15596	0.378	ng/ul	95
26) Benzo(a)pyrene	23.876	252	12951	0.363	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.544	276	17061	0.438	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.554	278	13215	0.448	ng/ul	98
29) Benzo(g,h,i)perylene	27.329	276	15396	0.444	ng/ul	97

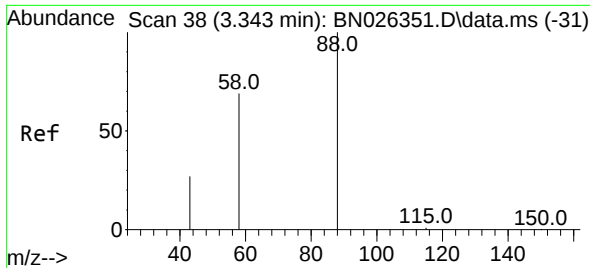
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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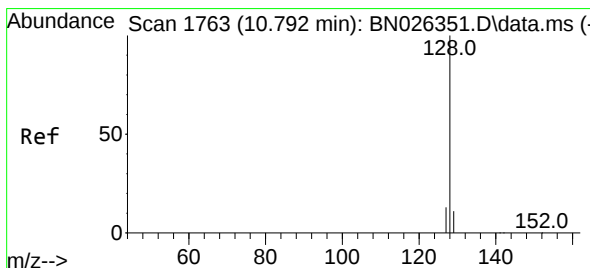
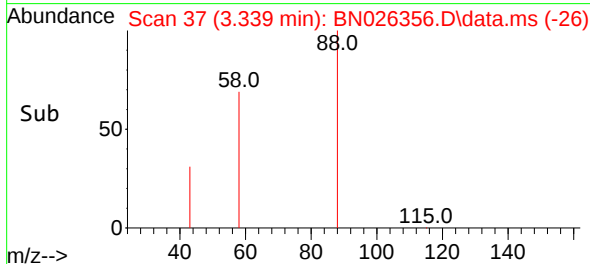
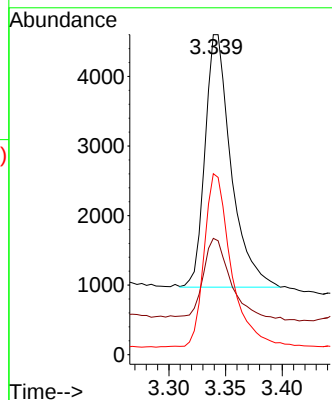
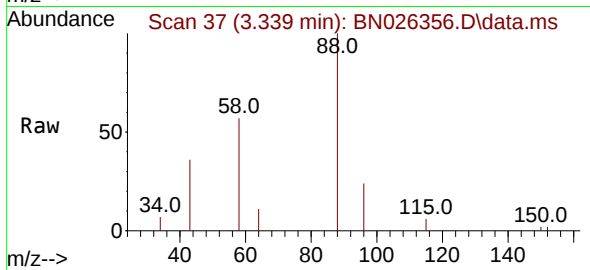




#2
 1,4-Dioxane
 Concen: 1.186 ng/ul
 RT: 3.339 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN026356.D
 Acq: 07 Jul 2023 13:16

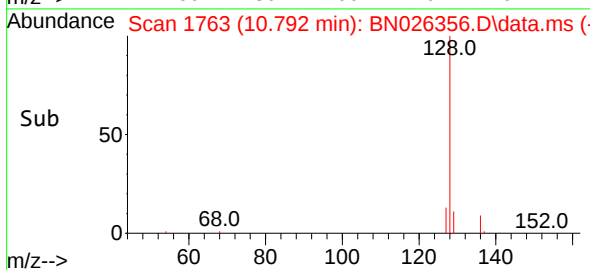
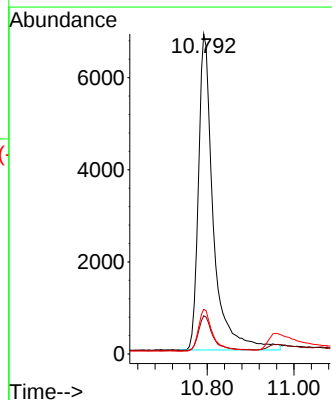
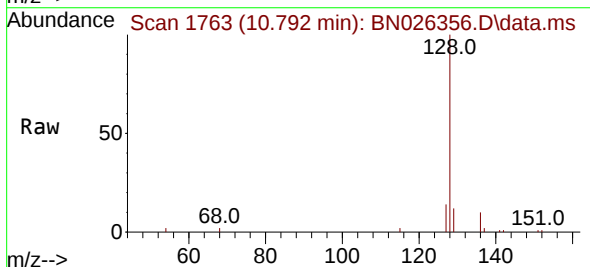
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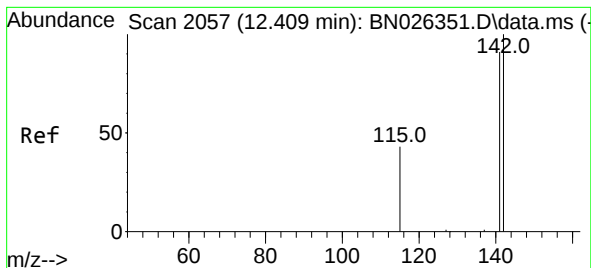
Tgt Ion: 88 Resp: 5819
 Ion Ratio Lower Upper
 88 100
 43 36.4 29.5 44.3
 58 56.6 37.4 56.2#



#5
 Naphthalene
 Concen: 0.352 ng/ul
 RT: 10.792 min Scan# 1763
 Delta R.T. -0.000 min
 Lab File: BN026356.D
 Acq: 07 Jul 2023 13:16

Tgt Ion:128 Resp: 16403
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.1 13.7
 127 13.9 10.7 16.1

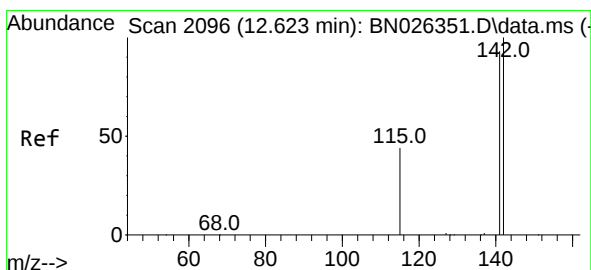
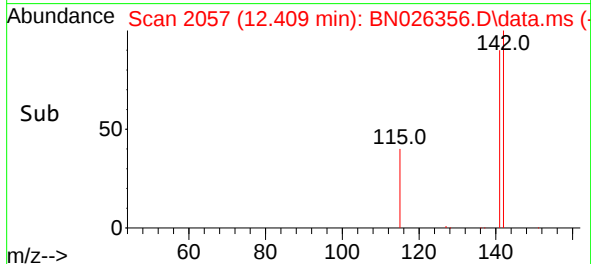
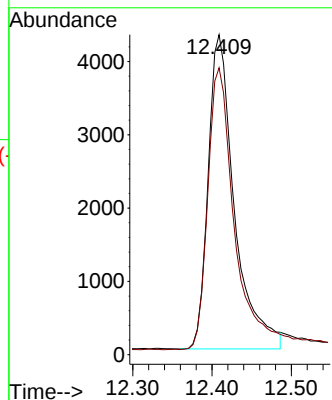
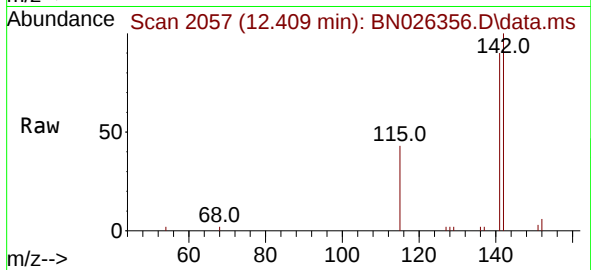




#7
2-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.409 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BN026356.D
Acq: 07 Jul 2023 13:16

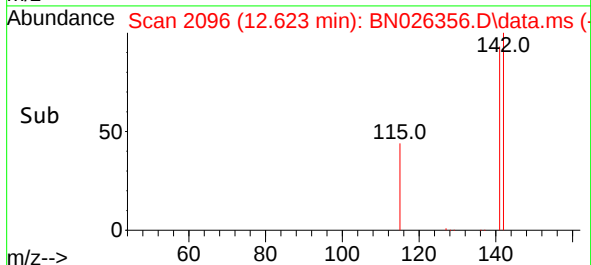
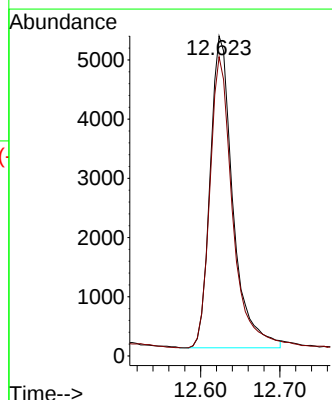
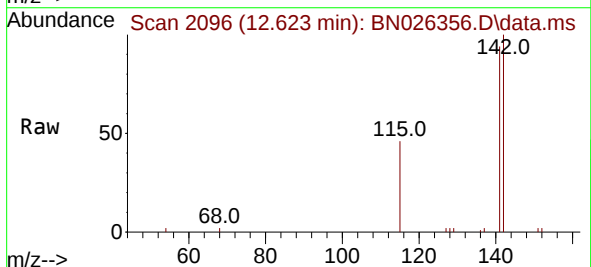
Instrument :
BNA_N
ClientSampleId :
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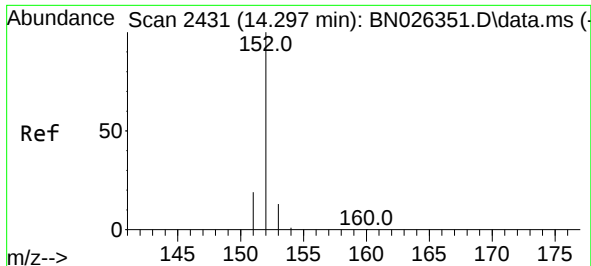
Tgt Ion:142 Resp: 9883
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BN026356.D
Acq: 07 Jul 2023 13:16

Tgt Ion:142 Resp: 10504
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4

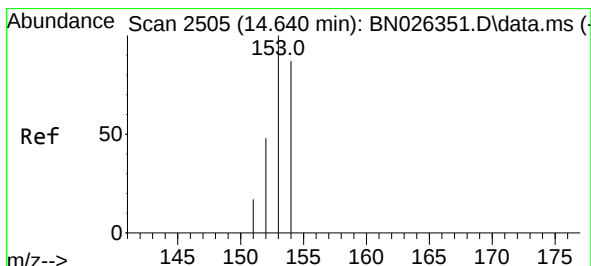
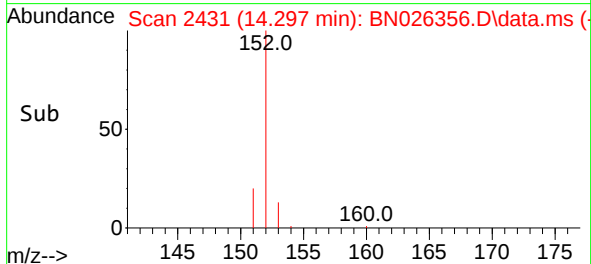
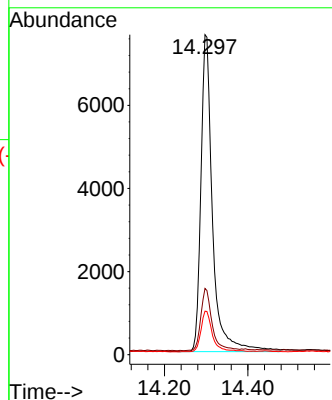
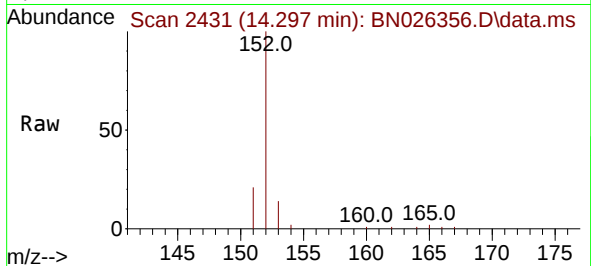




#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 14.297 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN026356.D
Acq: 07 Jul 2023 13:16

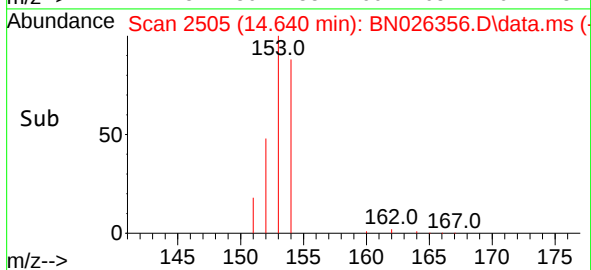
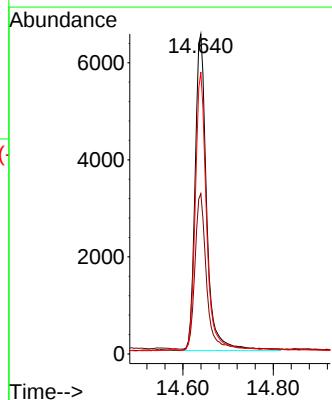
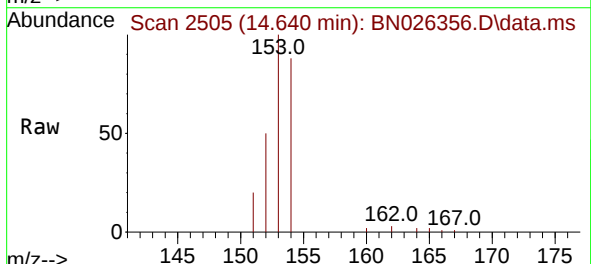
Instrument :
BNA_N
ClientSampleId :
DCGZ6MS

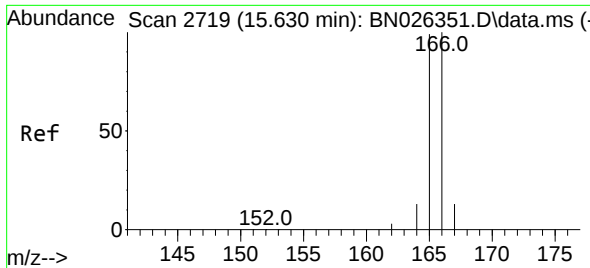
Tgt Ion:152 Resp: 14808
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.640 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BN026356.D
Acq: 07 Jul 2023 13:16

Tgt Ion:153 Resp: 11677
Ion Ratio Lower Upper
153 100
152 50.1 39.4 59.0
154 88.1 68.9 103.3

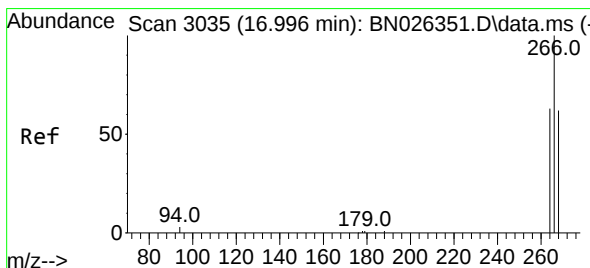
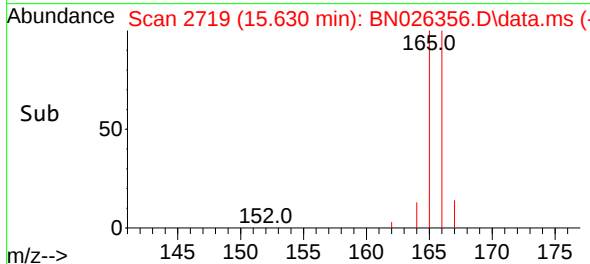
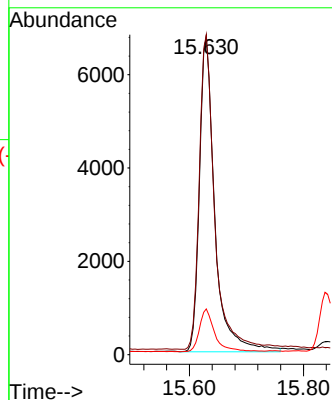
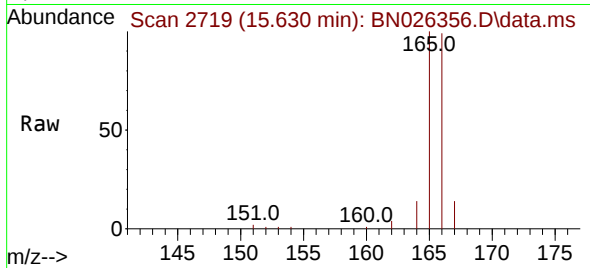




#12
Fluorene
Concen: 0.318 ng/ul
RT: 15.630 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026356.D
Acq: 07 Jul 2023 13:16

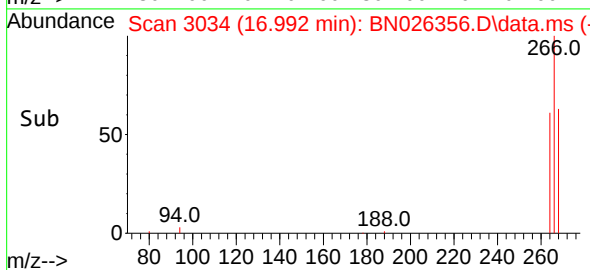
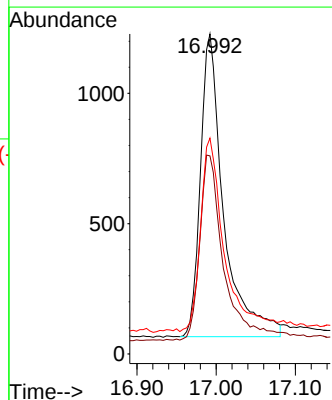
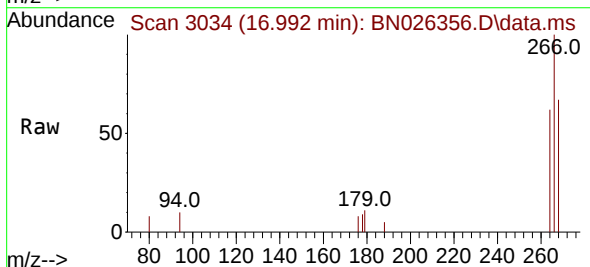
Instrument :
BNA_N
ClientSampleId :
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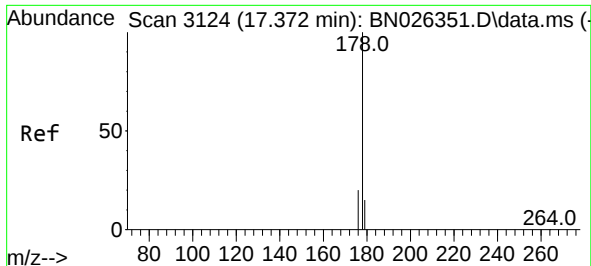
Tgt Ion:166 Resp: 12617
Ion Ratio Lower Upper
166 100
165 100.6 79.9 119.9
167 14.4 10.8 16.2



#14
Pentachlorophenol
Concen: 0.426 ng/ul
RT: 16.992 min Scan# 3034
Delta R.T. -0.004 min
Lab File: BN026356.D
Acq: 07 Jul 2023 13:16

Tgt Ion:266 Resp: 2370
Ion Ratio Lower Upper
266 100
264 62.4 50.5 75.7
268 65.7 51.6 77.4

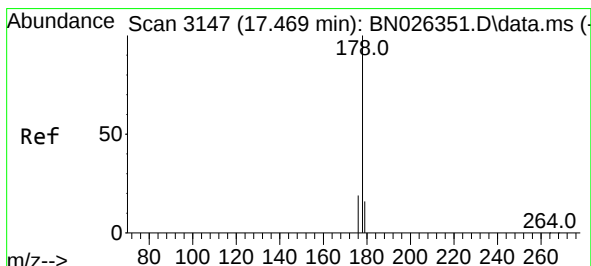
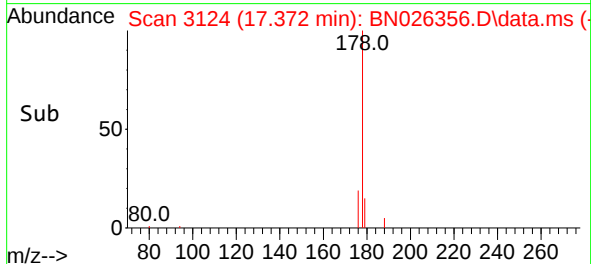
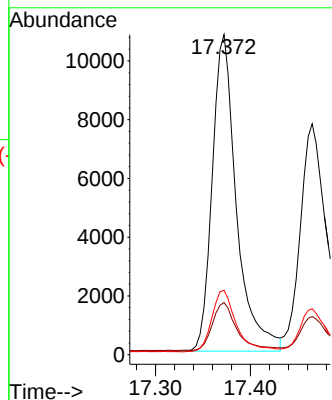
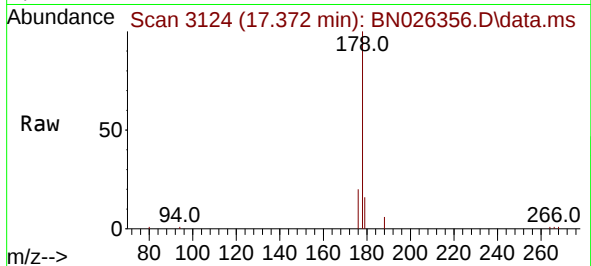




#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.372 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BN026356.D
Acq: 07 Jul 2023 13:16

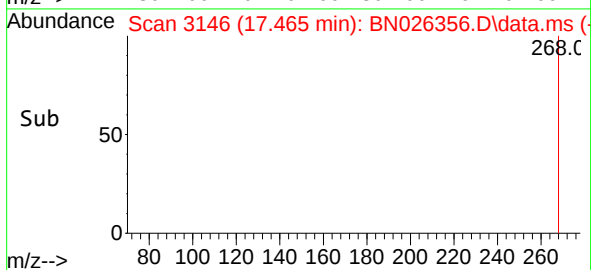
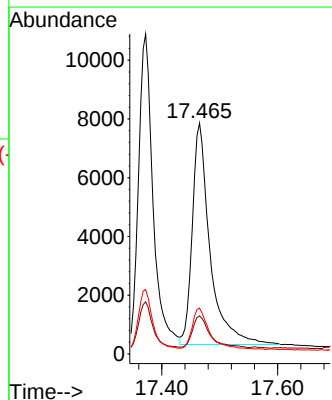
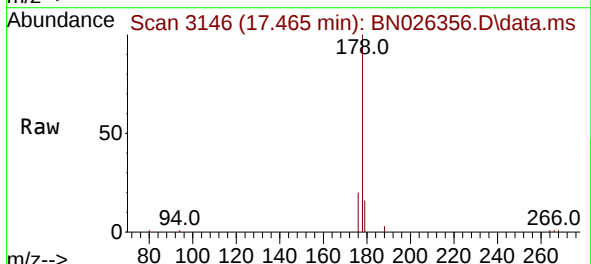
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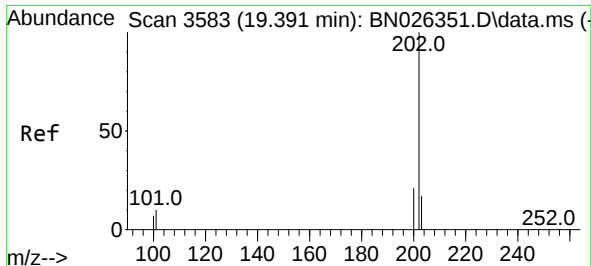
Tgt Ion:178 Resp: 19163
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 20.1 15.8 23.6



#16
Anthracene
Concen: 0.351 ng/ul
RT: 17.465 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BN026356.D
Acq: 07 Jul 2023 13:16

Tgt Ion:178 Resp: 15993
Ion Ratio Lower Upper
178 100
179 16.5 12.6 18.8
176 19.9 15.1 22.7

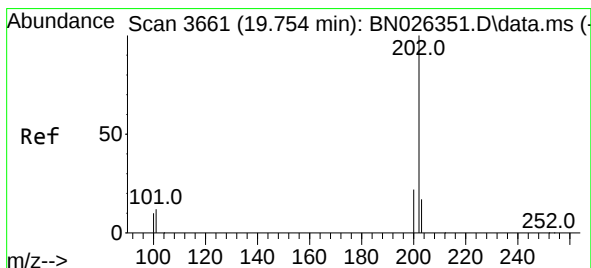
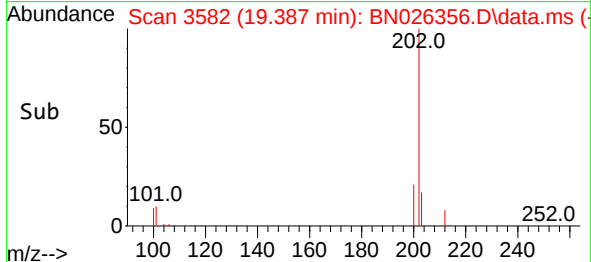
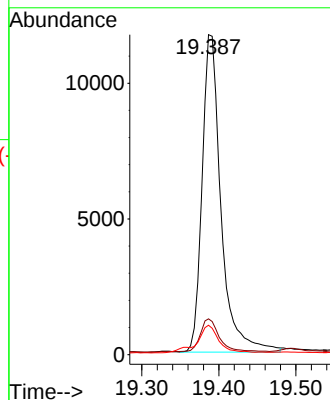
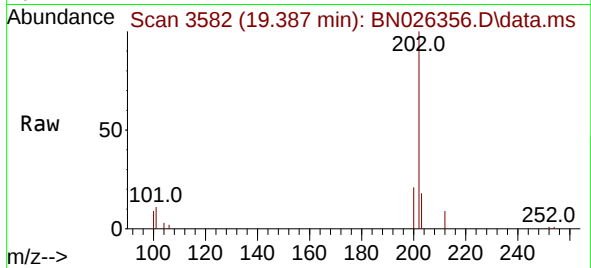




#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.387 min Scan# 3582
Delta R.T. -0.005 min
Lab File: BN026356.D
Acq: 07 Jul 2023 13:16

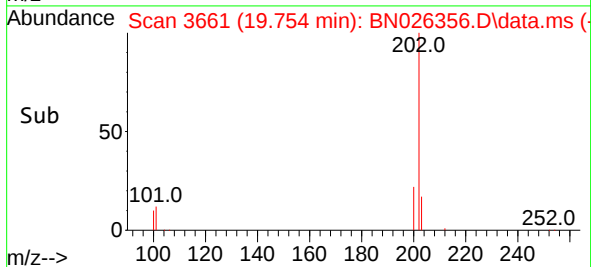
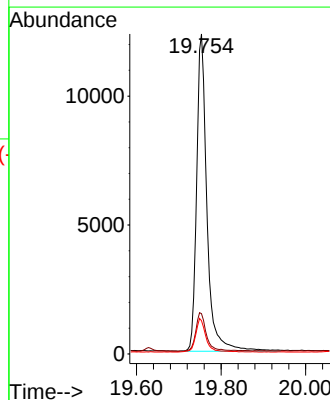
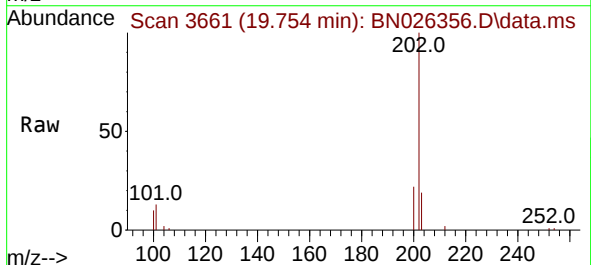
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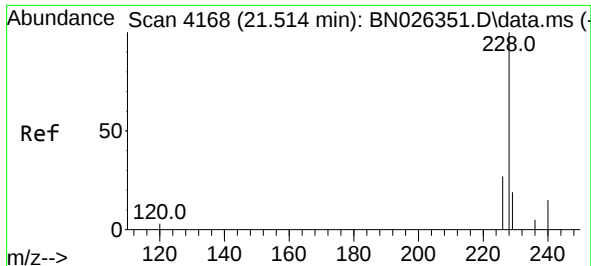
Tgt Ion:202 Resp: 19944
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
100 9.2 7.3 10.9



#20
Pyrene
Concen: 0.408 ng/ul
RT: 19.754 min Scan# 3661
Delta R.T. -0.000 min
Lab File: BN026356.D
Acq: 07 Jul 2023 13:16

Tgt Ion:202 Resp: 20874
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.4 9.1 13.7

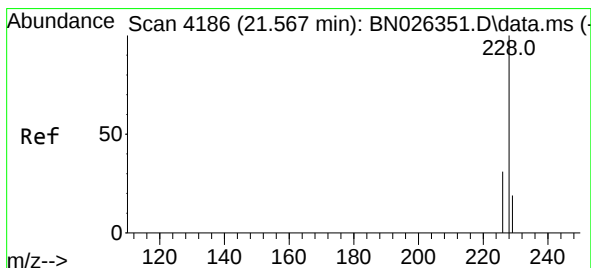
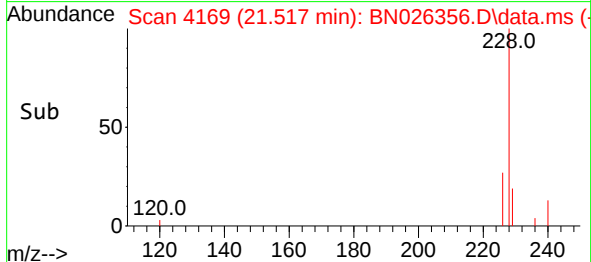
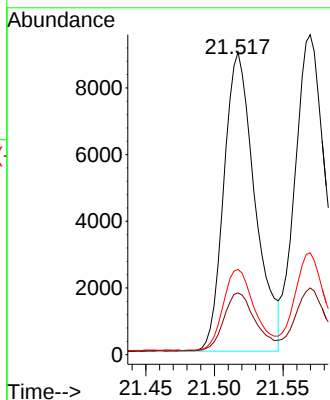
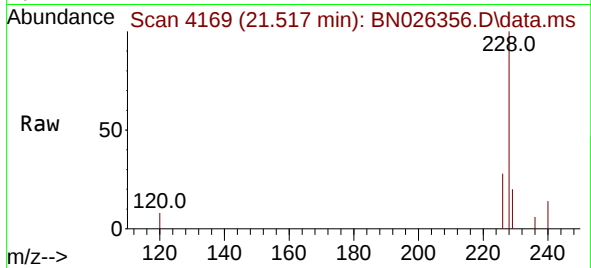




#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.517 min Scan# 4168
Delta R.T. 0.003 min
Lab File: BN026356.D
Acq: 07 Jul 2023 13:16

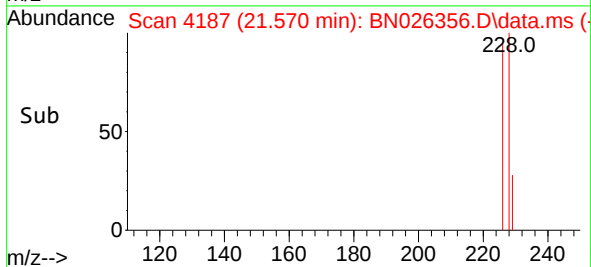
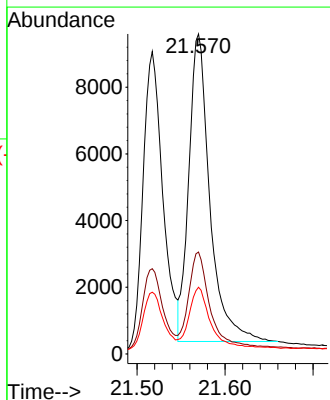
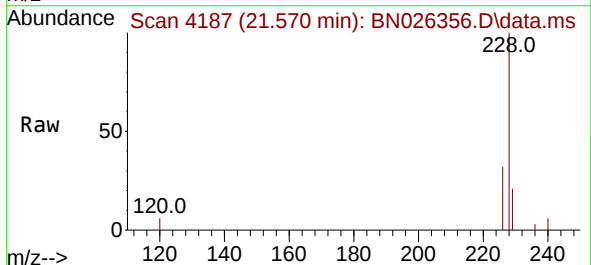
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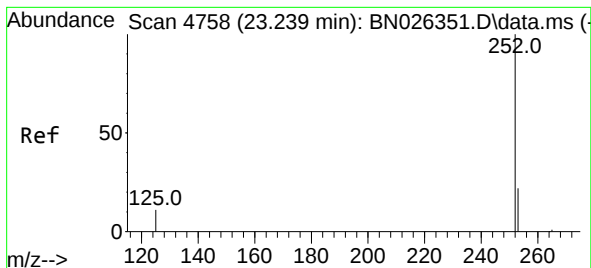
Tgt Ion:228 Resp: 14164
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 28.2 22.5 33.7



#22
Chrysene
Concen: 0.389 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. 0.003 min
Lab File: BN026356.D
Acq: 07 Jul 2023 13:16

Tgt Ion:228 Resp: 15358
Ion Ratio Lower Upper
228 100
226 31.9 24.8 37.2
229 20.8 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.358 ng/ul

RT: 23.236 min Scan# 4758

Delta R.T. -0.003 min

Lab File: BN026356.D

Acq: 07 Jul 2023 13:16

Instrument :

BNA_N

ClientSampleId :

DCGZ6MS

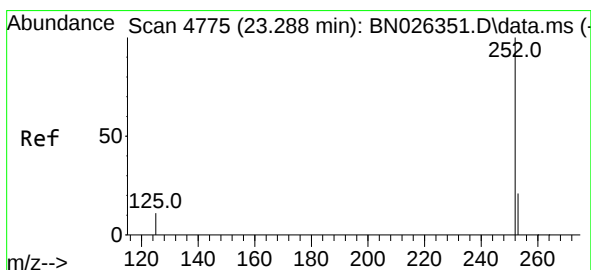
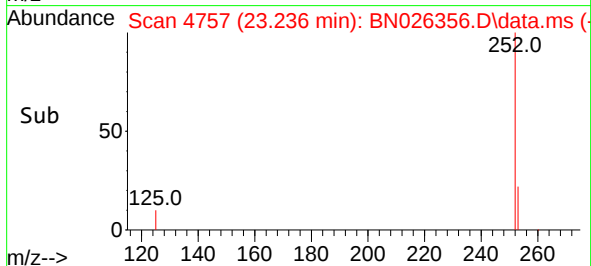
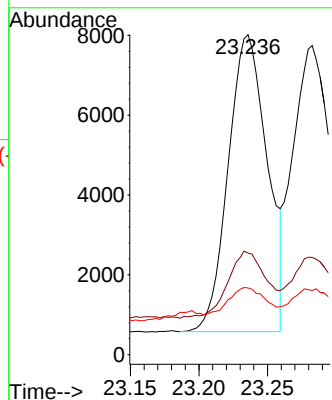
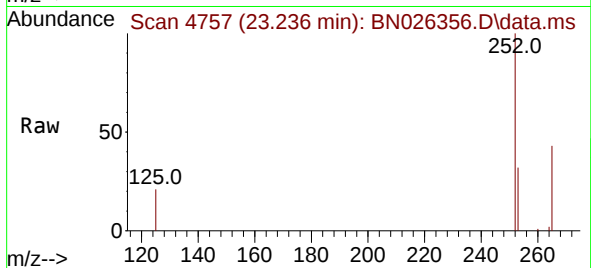
Tgt Ion:252 Resp: 14692

Ion Ratio Lower Upper

252 100

253 31.7 0.0 55.6

125 20.9 0.0 35.8



#25

Benzo(k)fluoranthene

Concen: 0.378 ng/ul

RT: 23.283 min Scan# 4773

Delta R.T. -0.006 min

Lab File: BN026356.D

Acq: 07 Jul 2023 13:16

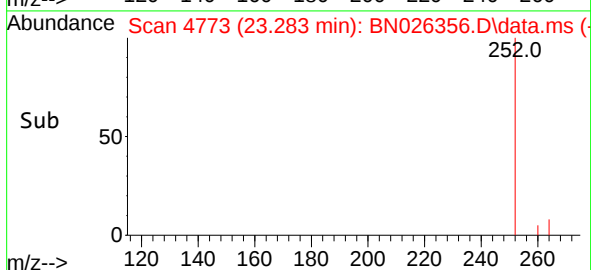
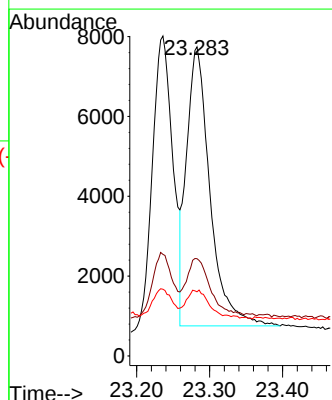
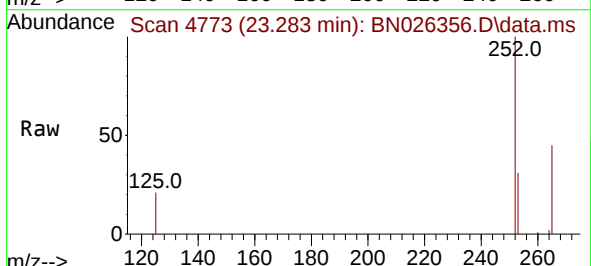
Tgt Ion:252 Resp: 15596

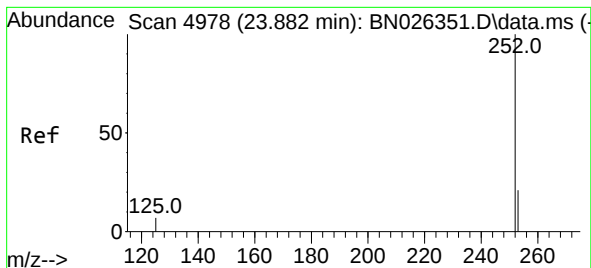
Ion Ratio Lower Upper

252 100

253 31.5 23.2 34.8

125 20.8 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.363 ng/ul

RT: 23.876 min Scan# 4978

Delta R.T. -0.006 min

Lab File: BN026356.D

Acq: 07 Jul 2023 13:16

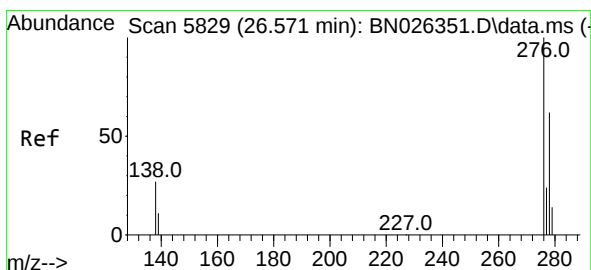
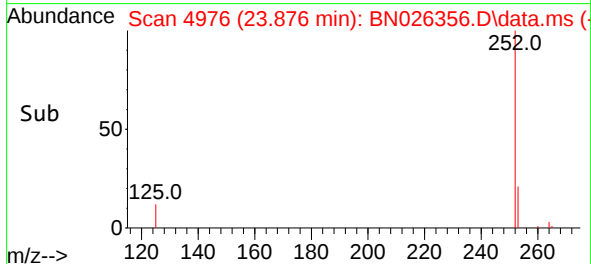
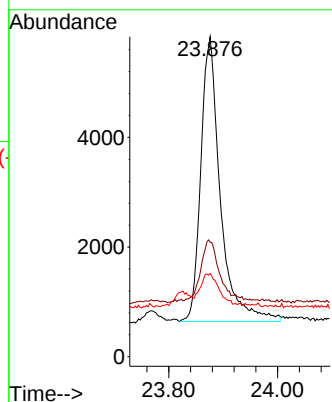
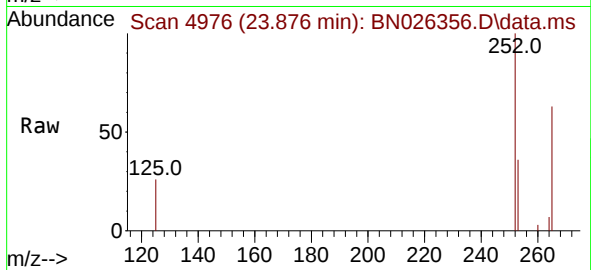
Instrument :

BNA_N

ClientSampleId :

DCGZ6MS

Tgt Ion:252	Resp:	12951
Ion Ratio	Lower	Upper
252	100	
253	35.8	26.0 39.0
125	26.0	17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.438 ng/ul

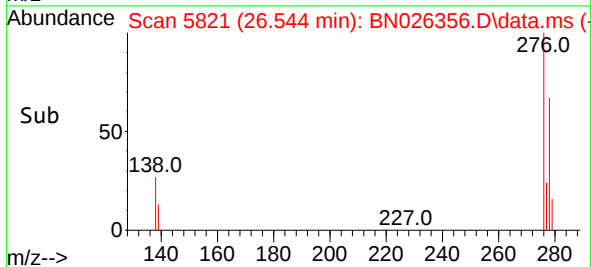
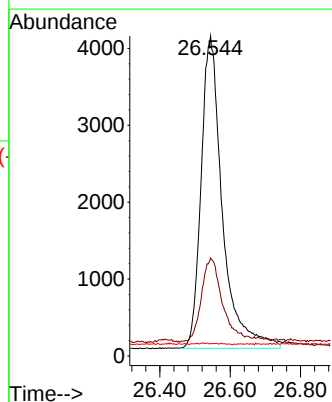
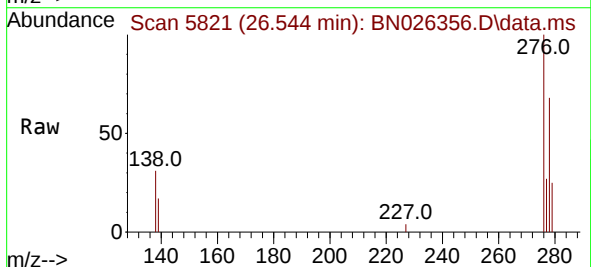
RT: 26.544 min Scan# 5821

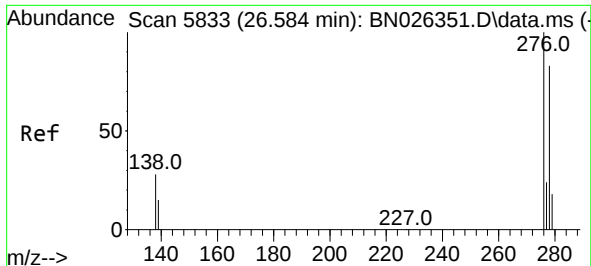
Delta R.T. -0.027 min

Lab File: BN026356.D

Acq: 07 Jul 2023 13:16

Tgt Ion:276	Resp:	17061
Ion Ratio	Lower	Upper
276	100	
138	28.2	24.5 36.7
227	0.0	0.0 0.0

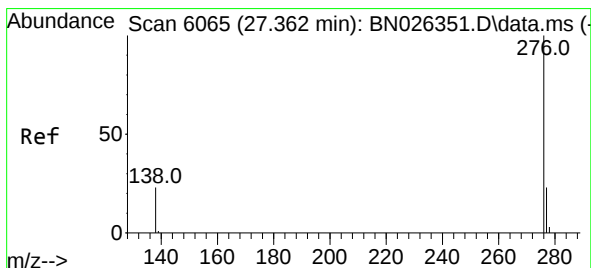
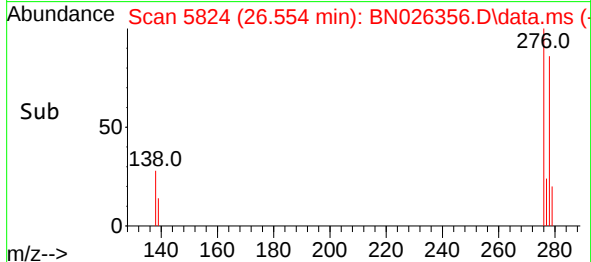
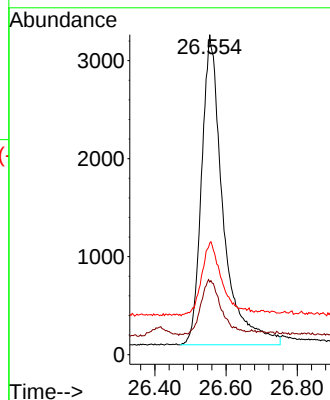
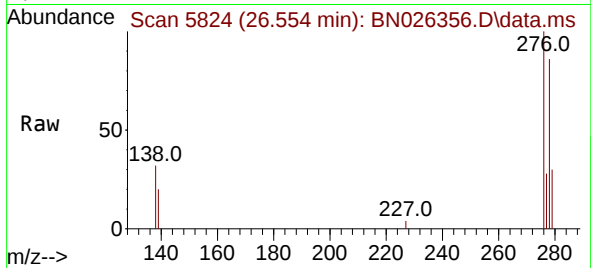




#28
Dibenzo(a,h)anthracene
Concen: 0.448 ng/ul
RT: 26.554 min Scan# 5824
Delta R.T. -0.030 min
Lab File: BN026356.D
Acq: 07 Jul 2023 13:16

Instrument :
BNA_N
ClientSampleId :
DCGZ6MS

Tgt Ion:278 Resp: 13215
Ion Ratio Lower Upper
278 100
139 22.7 19.0 28.4
279 34.9 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.444 ng/ul
RT: 27.329 min Scan# 6055
Delta R.T. -0.034 min
Lab File: BN026356.D
Acq: 07 Jul 2023 13:16

Tgt Ion:276 Resp: 15396
Ion Ratio Lower Upper
276 100
138 27.8 23.4 35.0
277 27.0 20.0 30.0

