

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026206.D
 Acq On : 03 Jul 2023 02:09
 Operator : MA/JU
 Sample : 03244-12
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGF1

Quant Time: Jul 03 06:29:00 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)

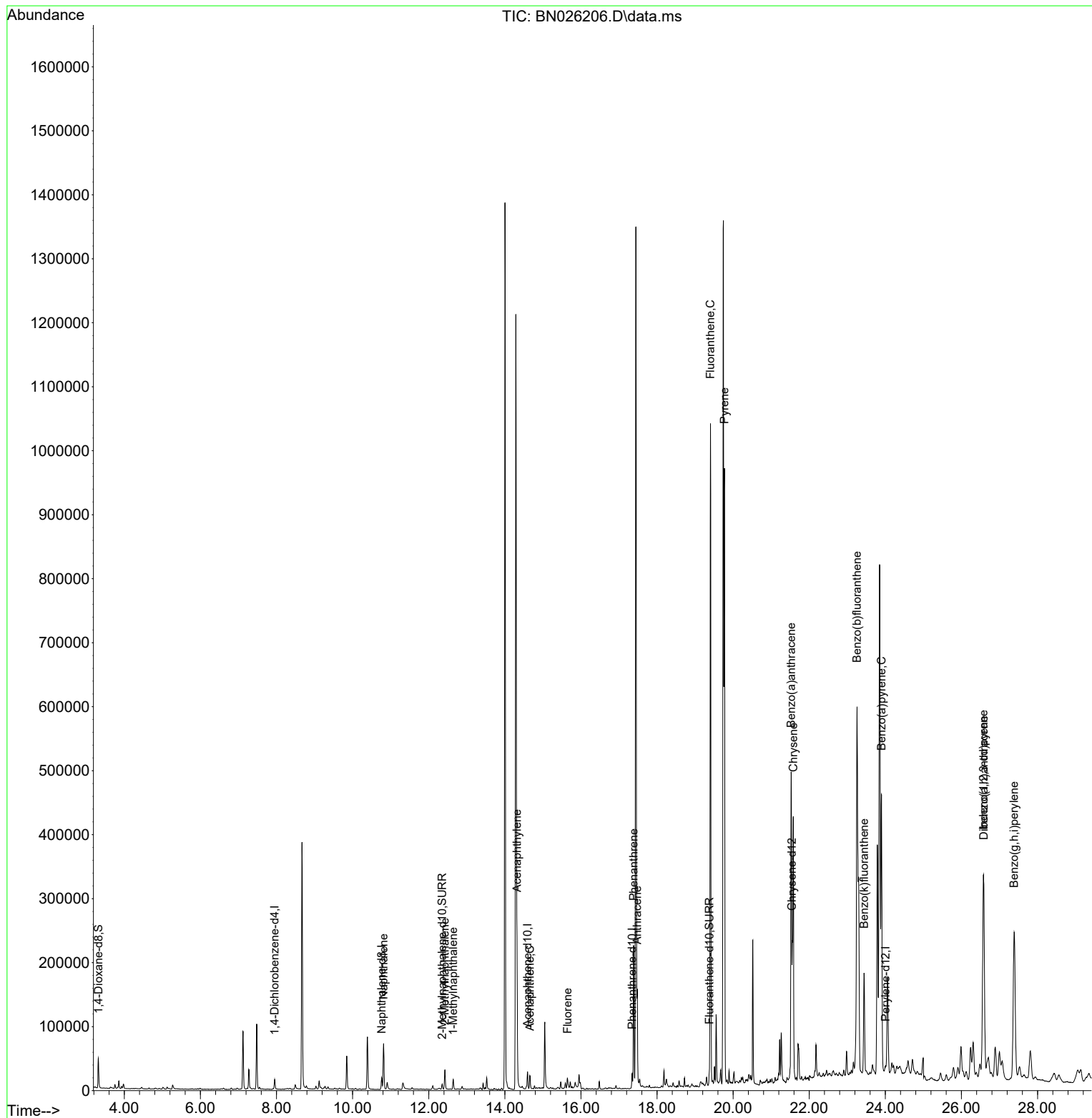
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8333	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.763	136	25392	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.597	164	14746	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	27442	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	15292	0.400	ng/ul	# 0.00
23) Perylene-d12	24.006	264	16775	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	31912	3.401	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	10989	0.281	ng/ul	-0.01
18) Fluoranthene-d10	19.376	212	17032	0.293	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.813	128	101599	1.396	ng/ul	99
7) 2-Methylnaphthalene	12.424	142	22518	0.486	ng/ul	100
8) 1-Methylnaphthalene	12.644	142	10804	0.225	ng/ul	98
10) Acenaphthylene	14.319	152	259384	3.756	ng/ul	99
11) Acenaphthene	14.657	153	12348	0.219	ng/ul	97
12) Fluorene	15.647	166	12365	0.191	ng/ul#	98
15) Phenanthrene	17.384	178	239992	2.648	ng/ul	99
16) Anthracene	17.477	178	152079	1.888	ng/ul	99
19) Fluoranthene	19.404	202	870052	10.652	ng/ul	99
20) Pyrene	19.771	202	799496	9.411	ng/ul	94
21) Benzo(a)anthracene	21.525	228	434757	6.892	ng/ul	95
22) Chrysene	21.580	228	485925	7.403	ng/ul	96
24) Benzo(b)fluoranthene	23.255	252	1361694	19.018	ng/ul	89
25) Benzo(k)fluoranthene	23.439	252	127711	1.776	ng/ul	95
26) Benzo(a)pyrene	23.898	252	645954	10.387	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.580	276	606702	8.932	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.586	278	135541	2.637	ng/ul	98
29) Benzo(g,h,i)perylene	27.385	276	587550	9.724	ng/ul#	93

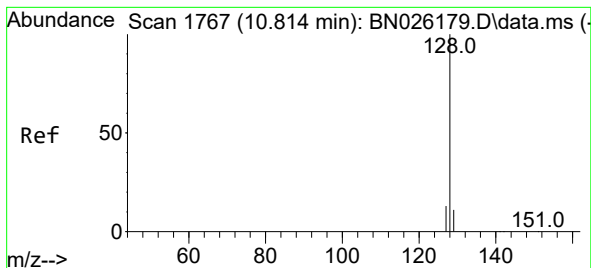
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
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#5

Naphthalene

Concen: 1.396 ng/ul

RT: 10.813 min Scan# 1767

Delta R.T. -0.012 min

Lab File: BN026206.D

Acq: 03 Jul 2023 02:09

Instrument :

BNA_N

ClientSampleId :

DCGF1

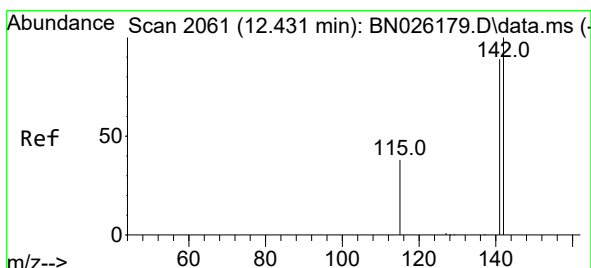
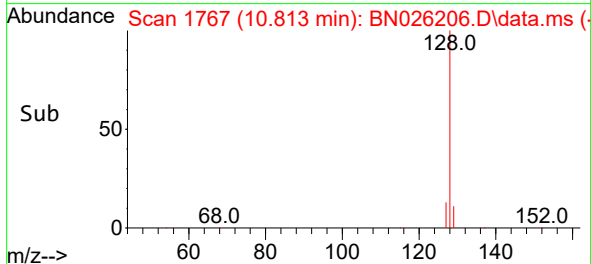
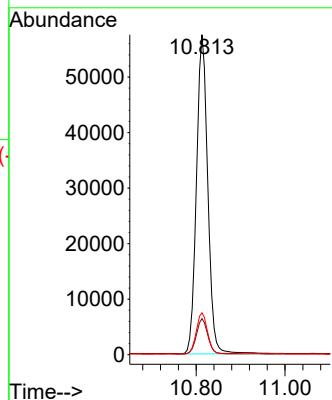
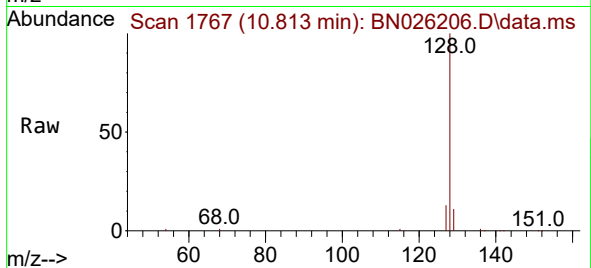
Tgt Ion:128 Resp: 101599

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

127 13.1 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.486 ng/ul

RT: 12.424 min Scan# 2060

Delta R.T. -0.012 min

Lab File: BN026206.D

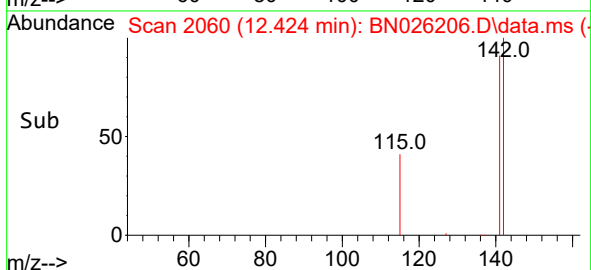
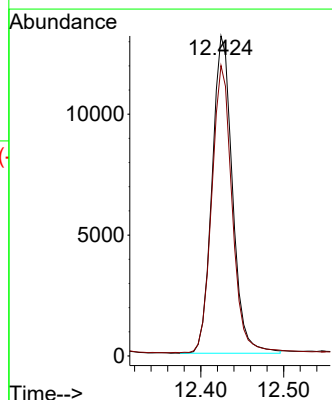
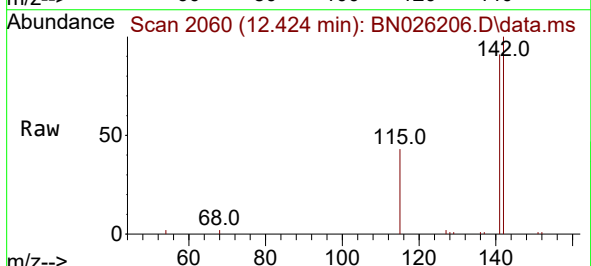
Acq: 03 Jul 2023 02:09

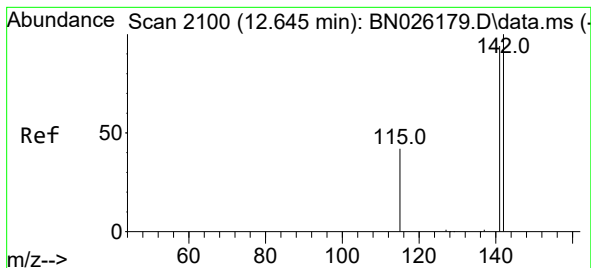
Tgt Ion:142 Resp: 22518

Ion Ratio Lower Upper

142 100

141 90.2 71.9 107.9

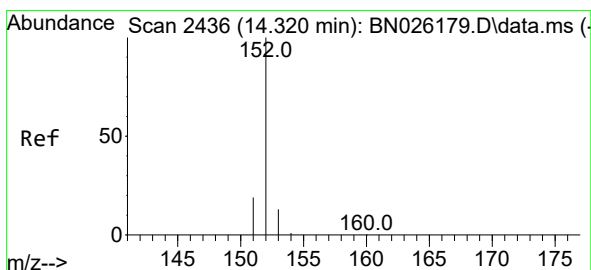
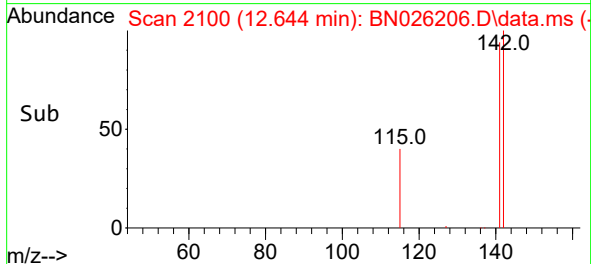
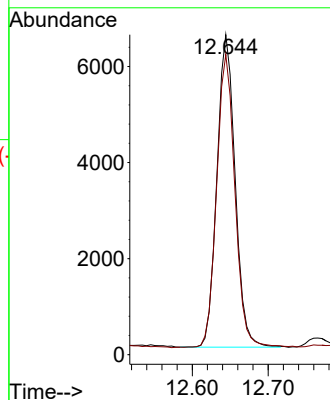
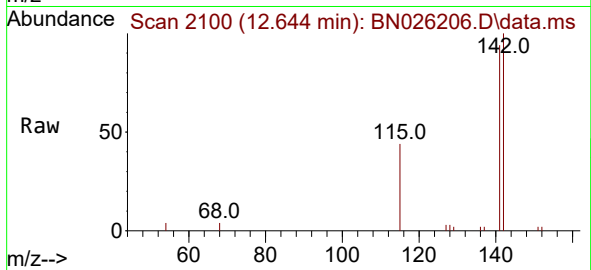




#8
1-Methylnaphthalene
Concen: 0.225 ng/ul
RT: 12.644 min Scan# 2100
Delta R.T. -0.007 min
Lab File: BN026206.D
Acq: 03 Jul 2023 02:09

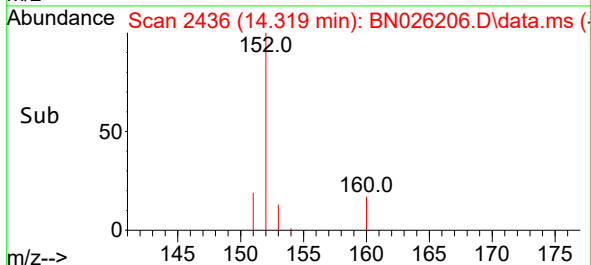
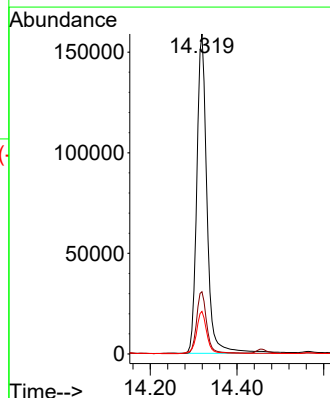
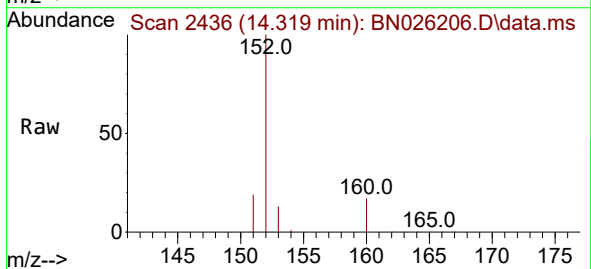
Instrument :
BNA_N
ClientSampleId :
DCGF1

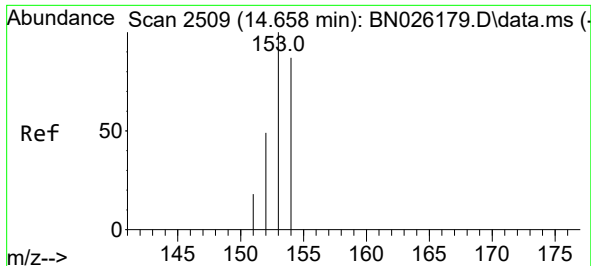
Tgt Ion:142 Resp: 10804
Ion Ratio Lower Upper
142 100
141 94.3 74.2 111.4



#10
Acenaphthylene
Concen: 3.756 ng/ul
RT: 14.319 min Scan# 2436
Delta R.T. -0.007 min
Lab File: BN026206.D
Acq: 03 Jul 2023 02:09

Tgt Ion:152 Resp: 259384
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.4
153 13.3 10.9 16.3

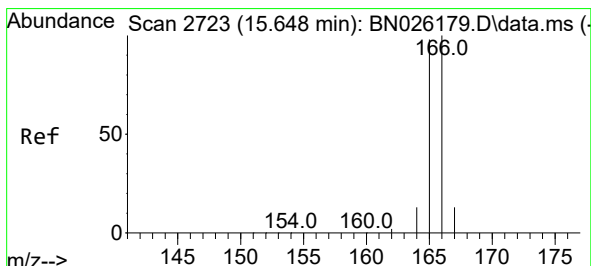
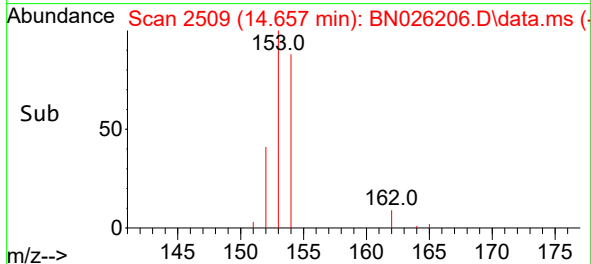
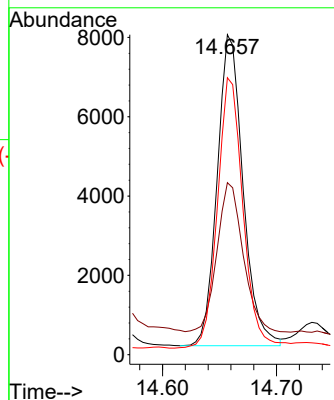
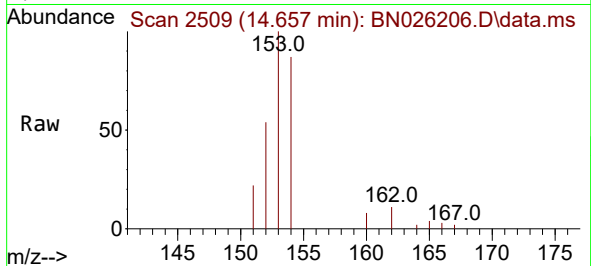




#11
Acenaphthene
Concen: 0.219 ng/ul
RT: 14.657 min Scan# 21
Delta R.T. -0.011 min
Lab File: BN026206.D
Acq: 03 Jul 2023 02:09

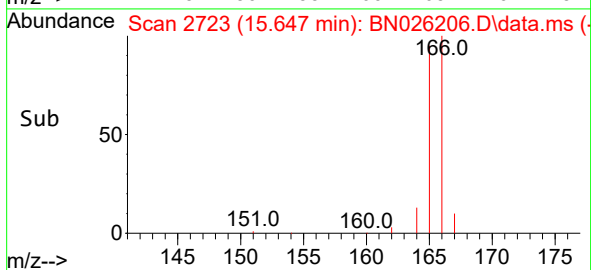
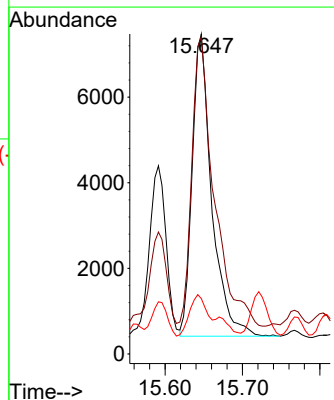
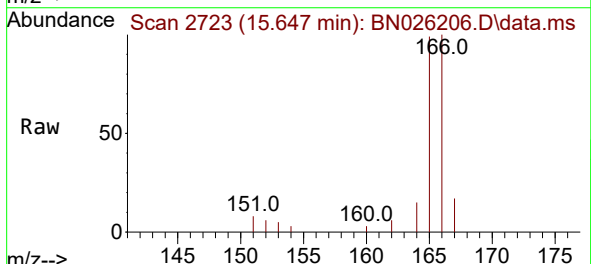
Instrument :
BNA_N
ClientSampleId :
DCGF1

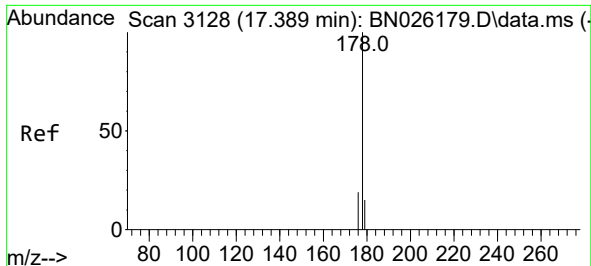
Tgt Ion:153 Resp: 12348
Ion Ratio Lower Upper
153 100
152 53.8 39.4 59.0
154 86.5 68.9 103.3



#12
Fluorene
Concen: 0.191 ng/ul
RT: 15.647 min Scan# 2723
Delta R.T. -0.007 min
Lab File: BN026206.D
Acq: 03 Jul 2023 02:09

Tgt Ion:166 Resp: 12365
Ion Ratio Lower Upper
166 100
165 98.9 79.9 119.9
167 17.3 10.8 16.2#

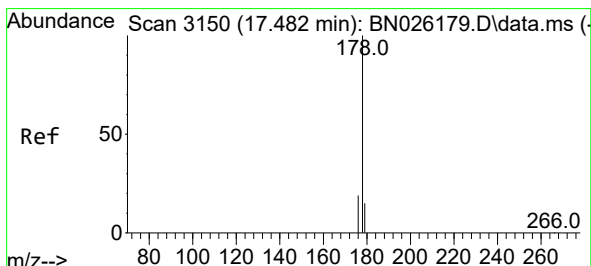
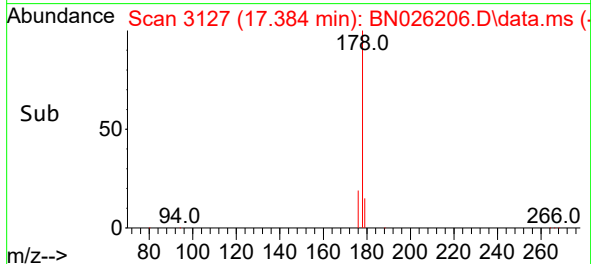
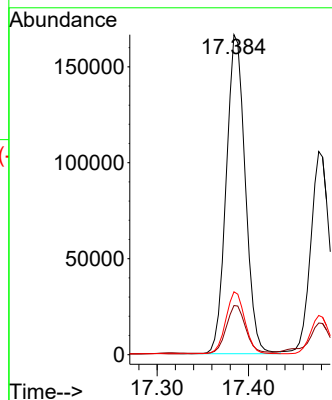
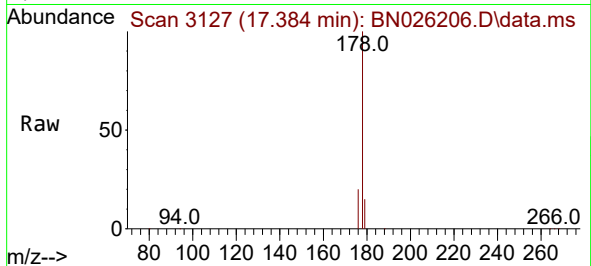




#15
Phenanthrene
Concen: 2.648 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.010 min
Lab File: BN026206.D
Acq: 03 Jul 2023 02:09

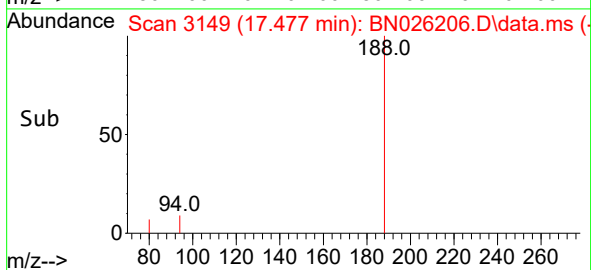
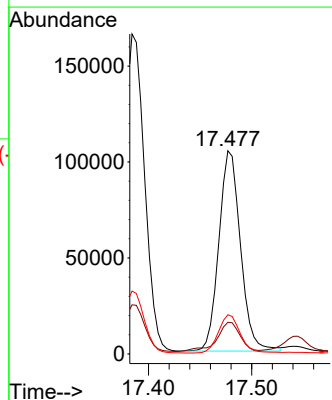
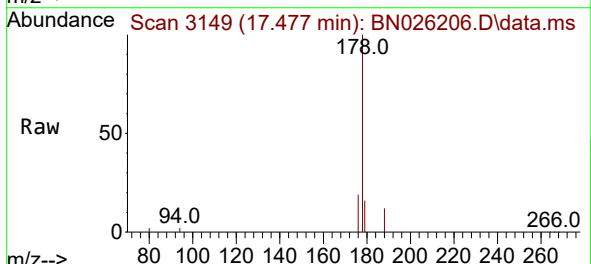
Instrument :
BNA_N
ClientSampleId :
DCGF1

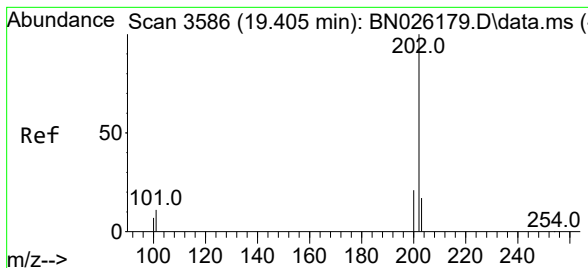
Tgt Ion:178 Resp: 239992
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.6 15.8 23.6



#16
Anthracene
Concen: 1.888 ng/ul
RT: 17.477 min Scan# 3149
Delta R.T. -0.010 min
Lab File: BN026206.D
Acq: 03 Jul 2023 02:09

Tgt Ion:178 Resp: 152079
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.3 15.1 22.7





#19

Fluoranthene

Concen: 10.652 ng/ul

RT: 19.404 min Scan# 3586

Delta R.T. -0.007 min

Lab File: BN026206.D

Acq: 03 Jul 2023 02:09

Instrument :

BNA_N

ClientSampleId :

DCGF1

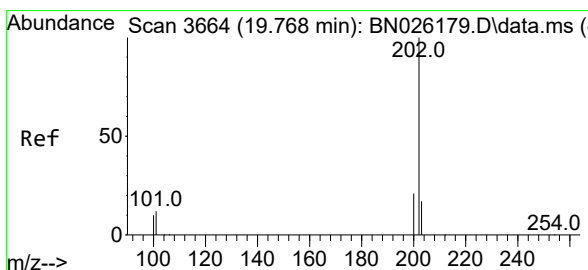
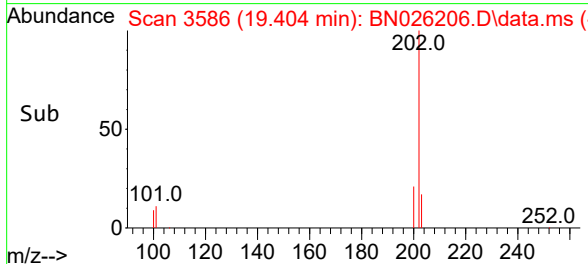
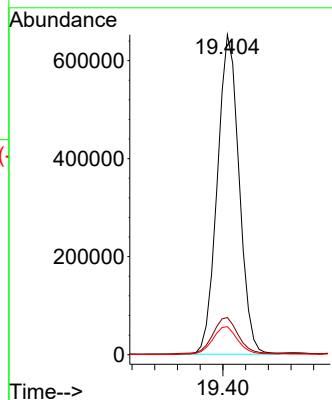
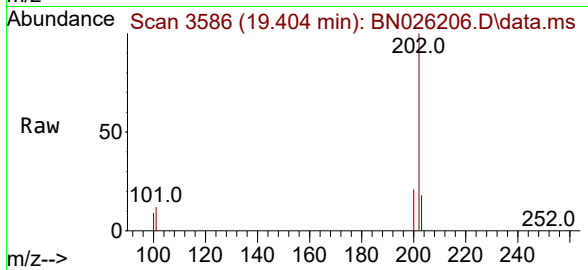
Tgt Ion:202 Resp: 870052

Ion Ratio Lower Upper

202 100

101 11.6 9.5 14.3

100 8.8 7.3 10.9



#20

Pyrene

Concen: 9.411 ng/ul

RT: 19.771 min Scan# 3665

Delta R.T. -0.002 min

Lab File: BN026206.D

Acq: 03 Jul 2023 02:09

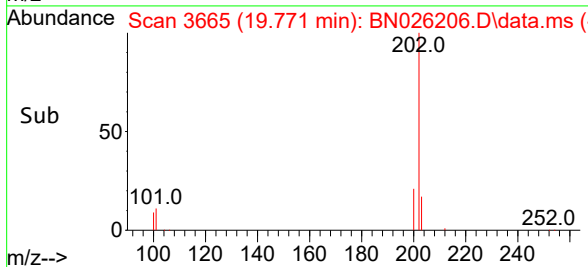
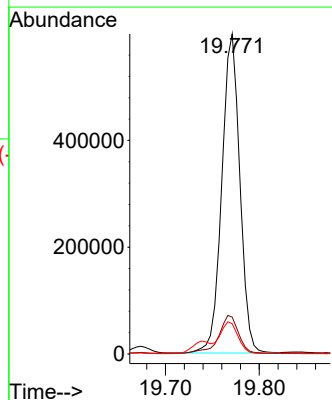
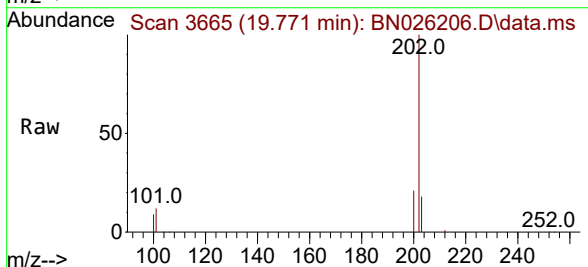
Tgt Ion:202 Resp: 799496

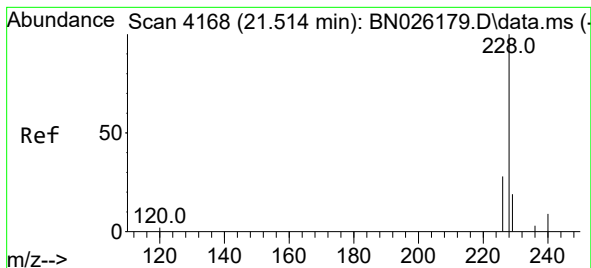
Ion Ratio Lower Upper

202 100

101 11.5 11.4 17.0

100 9.4 9.1 13.7





#21

Benzo(a)anthracene

Concen: 6.892 ng/ul

RT: 21.525 min Scan# 41

Delta R.T. -0.002 min

Lab File: BN026206.D

Acq: 03 Jul 2023 02:09

Instrument :

BNA_N

ClientSampleId :

DCGF1

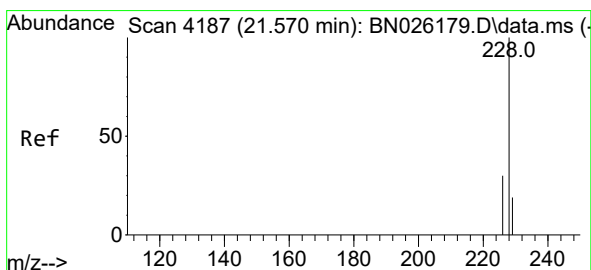
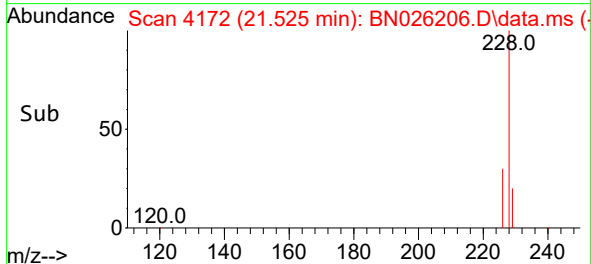
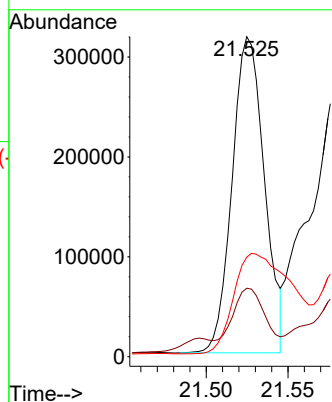
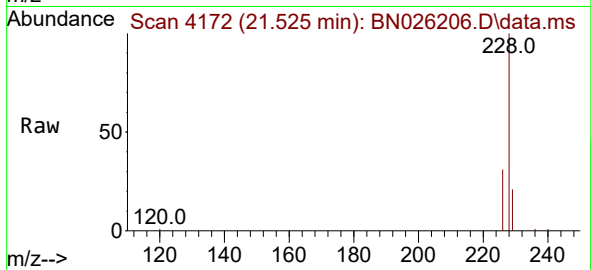
Tgt Ion:228 Resp: 434757

Ion Ratio Lower Upper

228 100

229 21.4 15.8 23.6

226 31.1 22.5 33.7



#22

Chrysene

Concen: 7.403 ng/ul

RT: 21.580 min Scan# 4191

Delta R.T. 0.001 min

Lab File: BN026206.D

Acq: 03 Jul 2023 02:09

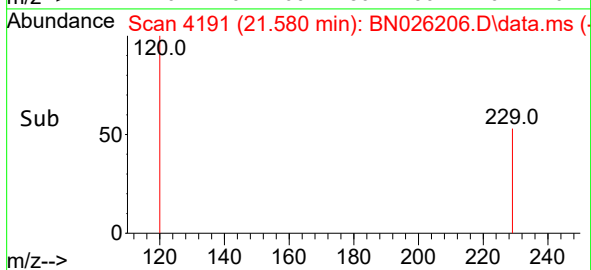
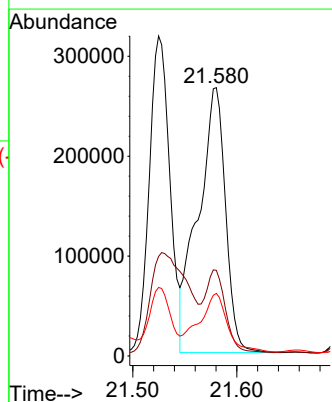
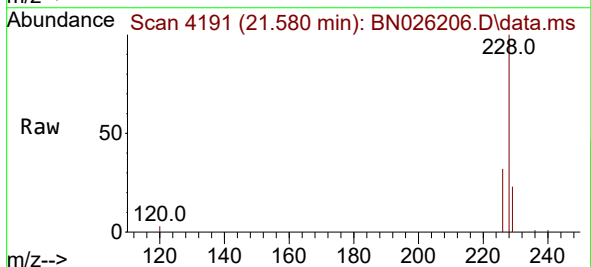
Tgt Ion:228 Resp: 485925

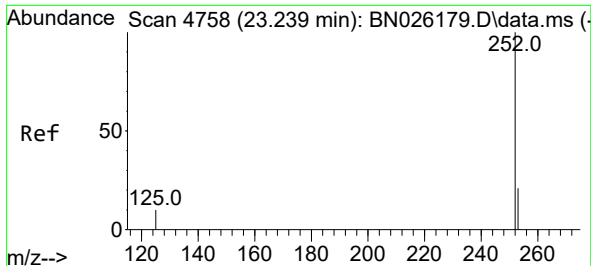
Ion Ratio Lower Upper

228 100

226 31.9 24.8 37.2

229 23.3 15.7 23.5

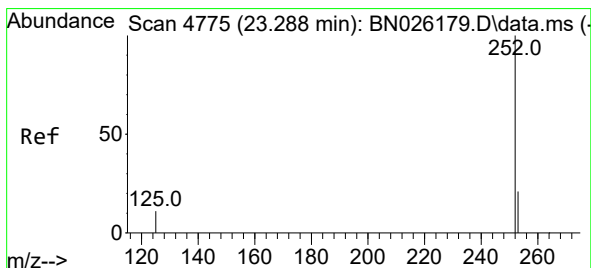
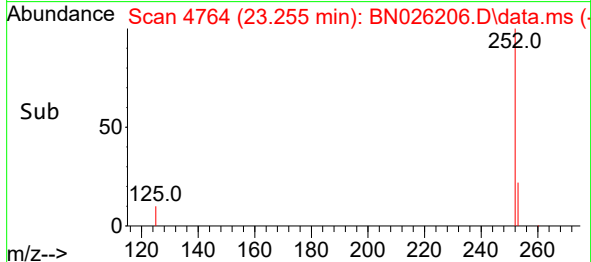
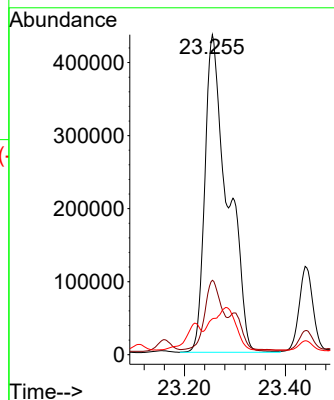
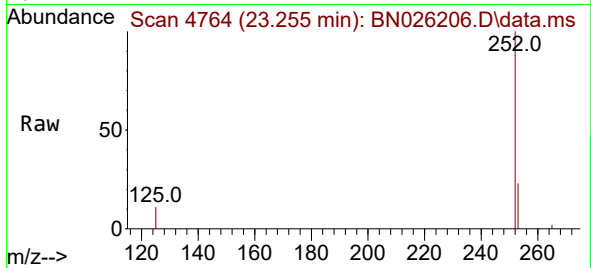




#24
Benzo(b)fluoranthene
Concen: 19.018 ng/ul
RT: 23.255 min Scan# 41
Delta R.T. 0.013 min
Lab File: BN026206.D
Acq: 03 Jul 2023 02:09

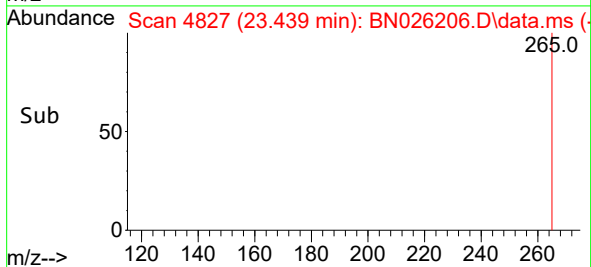
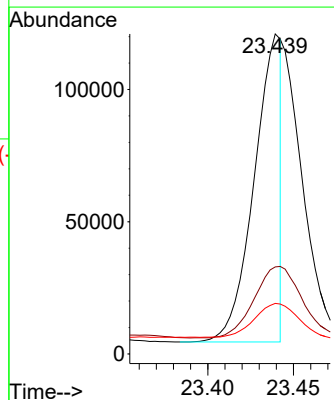
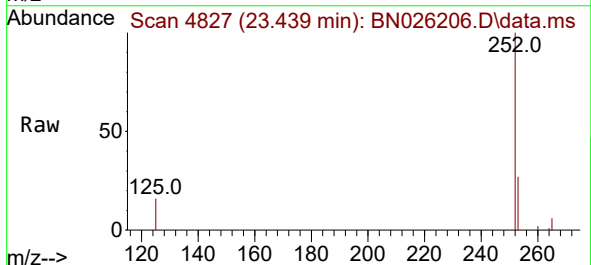
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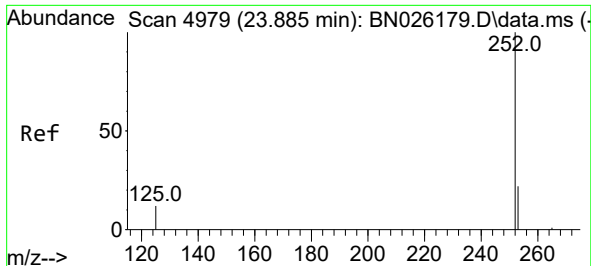
Tgt Ion:252 Resp: 1361694
Ion Ratio Lower Upper
252 100
253 23.2 0.0 55.6
125 11.2 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 1.776 ng/ul
RT: 23.439 min Scan# 4827
Delta R.T. 0.147 min
Lab File: BN026206.D
Acq: 03 Jul 2023 02:09

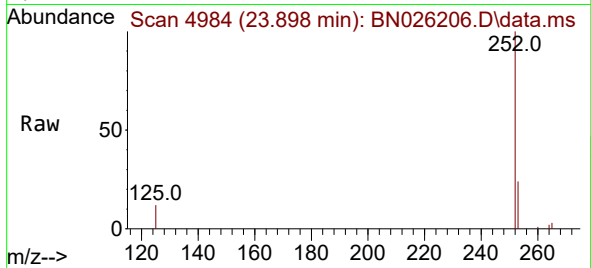
Tgt Ion:252 Resp: 127711
Ion Ratio Lower Upper
252 100
253 27.2 23.2 34.8
125 15.8 15.0 22.4



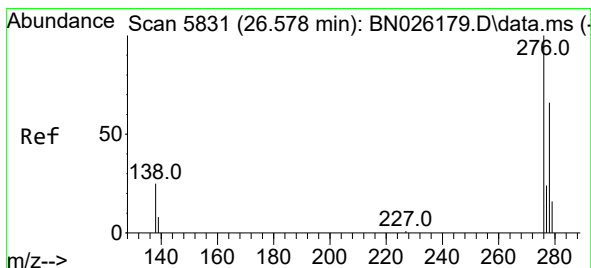
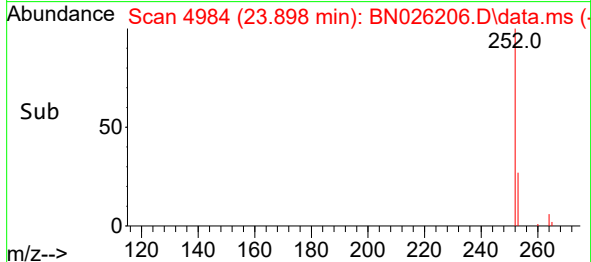
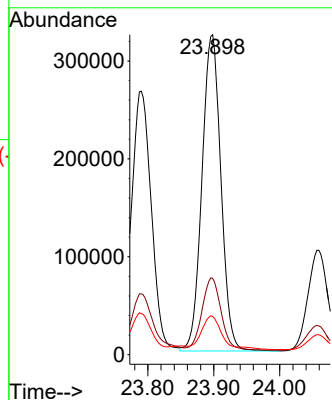


#26
Benzo(a)pyrene
Concen: 10.387 ng/ul
RT: 23.898 min Scan# 4984
Delta R.T. 0.013 min
Lab File: BN026206.D
Acq: 03 Jul 2023 02:09

Instrument :
BNA_N
ClientSampleId :
DCGF1

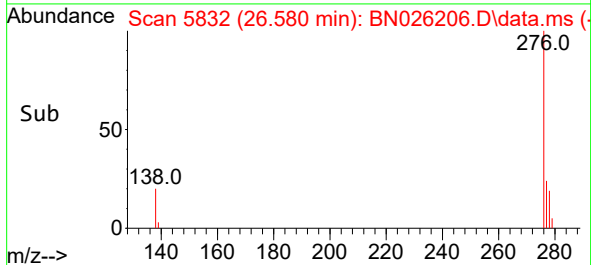
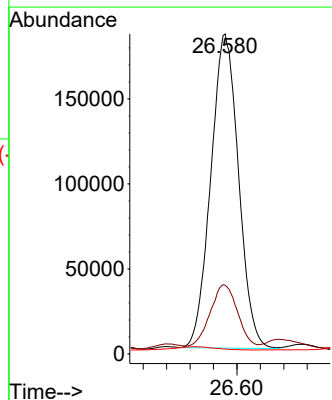
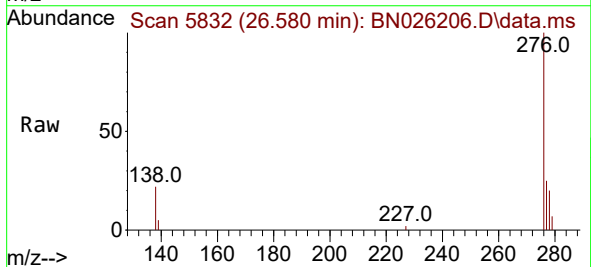


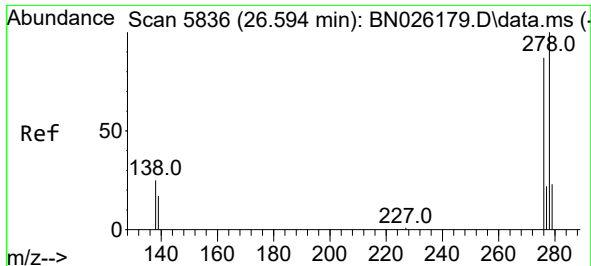
Tgt Ion:252 Resp: 645954
Ion Ratio Lower Upper
252 100
253 23.8 26.0 39.0#
125 11.9 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 8.932 ng/ul
RT: 26.580 min Scan# 5832
Delta R.T. 0.022 min
Lab File: BN026206.D
Acq: 03 Jul 2023 02:09

Tgt Ion:276 Resp: 606702
Ion Ratio Lower Upper
276 100
138 20.5 24.5 36.7#
227 0.0 0.0 0.0

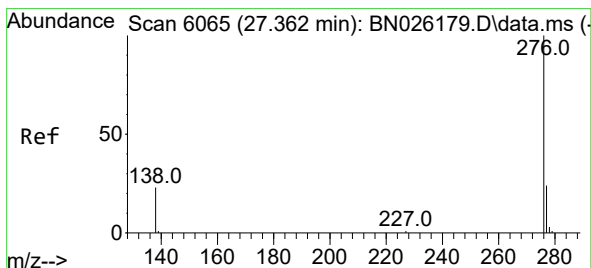
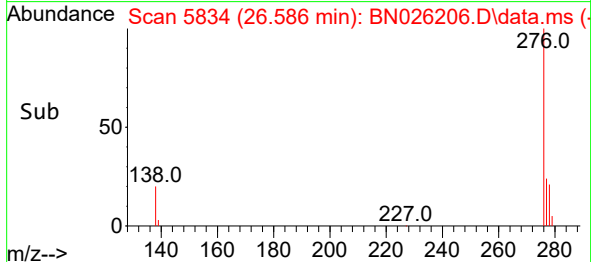
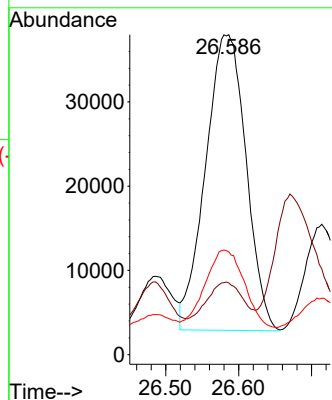
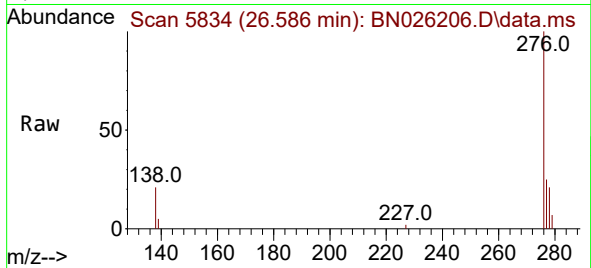




#28
Dibenzo(a,h)anthracene
Concen: 2.637 ng/ul
RT: 26.586 min Scan# 5834
Delta R.T. 0.008 min
Lab File: BN026206.D
Acq: 03 Jul 2023 02:09

Instrument :
BNA_N
ClientSampleId :
DCGF1

Tgt Ion:278 Resp: 135541
Ion Ratio Lower Upper
278 100
139 22.4 19.0 28.4
279 32.1 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 9.724 ng/ul
RT: 27.385 min Scan# 6072
Delta R.T. 0.038 min
Lab File: BN026206.D
Acq: 03 Jul 2023 02:09

Tgt Ion:276 Resp: 587550
Ion Ratio Lower Upper
276 100
138 22.5 23.4 35.0#
277 24.4 20.0 30.0

