

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
 Data File : BN026510.D
 Acq On : 14 Jul 2023 21:21
 Operator : MA/JU
 Sample : 03414-19RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 15 01:56:11 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 01:53:23 2023
 Response via : Initial Calibration

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

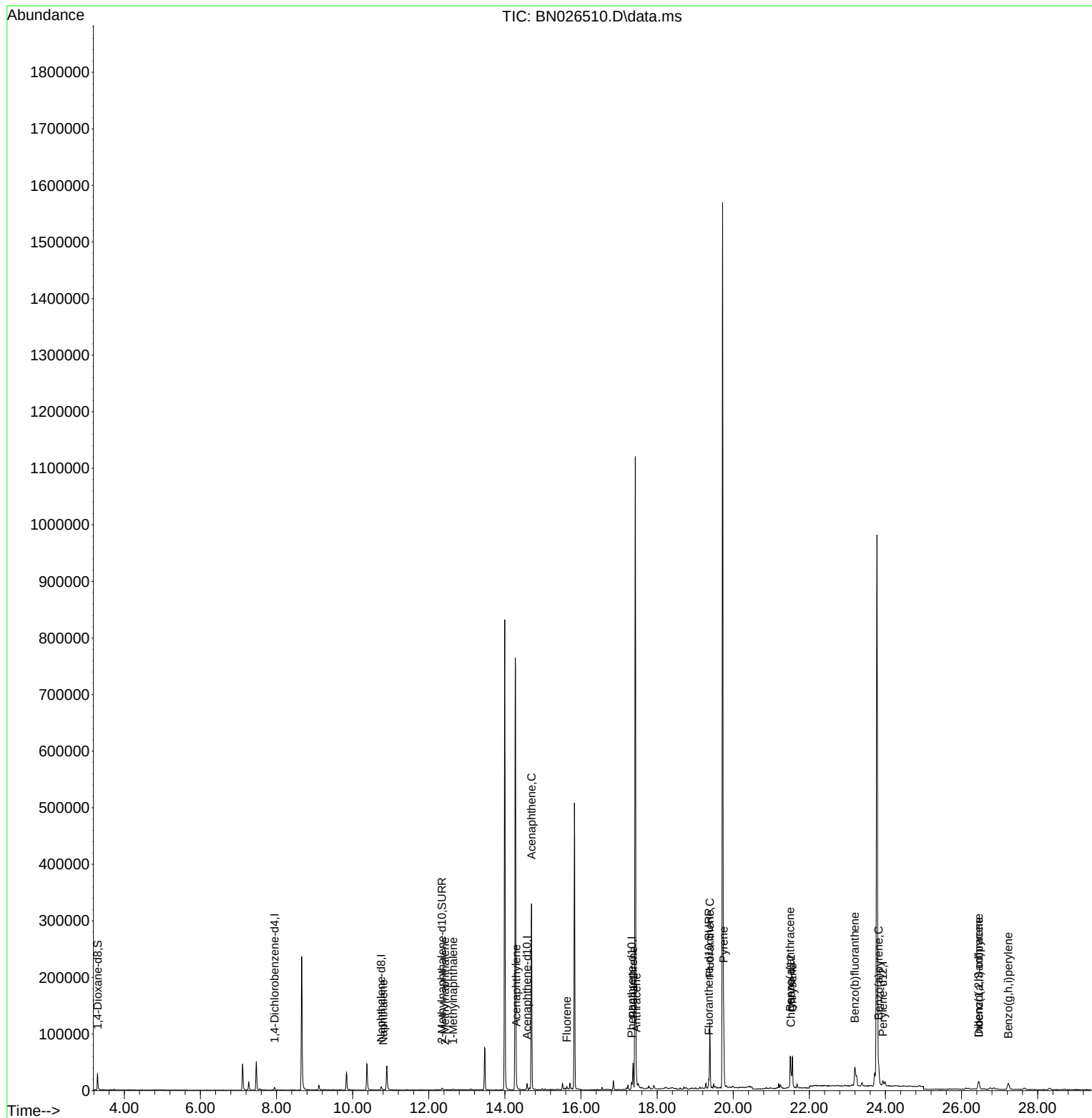
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	3048	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.752	136	9102	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	6236	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	23022	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.516	240	13592	0.400	ng/ul	0.00
23) Perylene-d12	23.931	264	13670	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	18957	4.722	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.347	152	5494	0.444	ng/ul	0.00
18) Fluoranthene-d10	19.358	212	19309	0.410	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.802	128	1388	0.056	ng/ul#	79
7) 2-Methylnaphthalene	12.424	142	689	0.049	ng/ul	97
8) 1-Methylnaphthalene	12.639	142	1012	0.067	ng/ul	86
10) Acenaphthylene	14.301	152	4249	0.139	ng/ul#	87
11) Acenaphthene	14.699	153	109511	4.707	ng/ul#	1
12) Fluorene	15.629	166	3749	0.154	ng/ul#	97
15) Phenanthrene	17.368	178	48219	0.658	ng/ul	98
16) Anthracene	17.460	178	10069	0.158	ng/ul	98
19) Fluoranthene	19.386	202	103769	1.629	ng/ul	98
20) Pyrene	19.748	202	110127	1.592	ng/ul	99
21) Benzo(a)anthracene	21.499	228	49482	0.991	ng/ul	97
22) Chrysene	21.554	228	59737	1.051	ng/ul	97
24) Benzo(b)fluoranthene	23.197	252	85567	1.607	ng/ul	90
26) Benzo(a)pyrene	23.823	252	43139	0.910	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.453	276	25813	0.415	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.453	278	6411	0.134	ng/ul#	69
29) Benzo(g,h,i)perylene	27.231	276	27466	0.501	ng/ul#	91

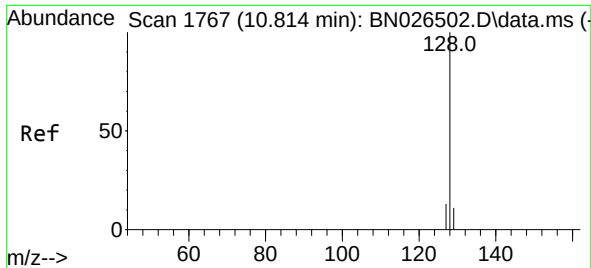
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
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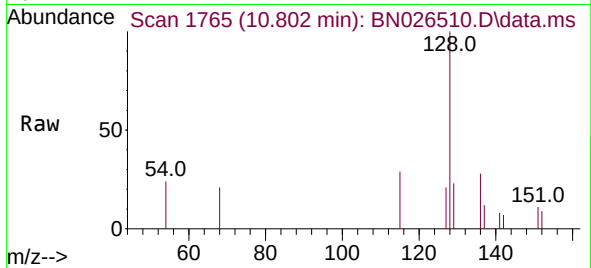
Quant Time: Jul 15 01:56:11 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
Response via : Initial Calibration



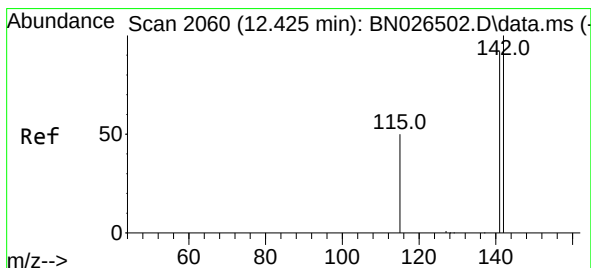
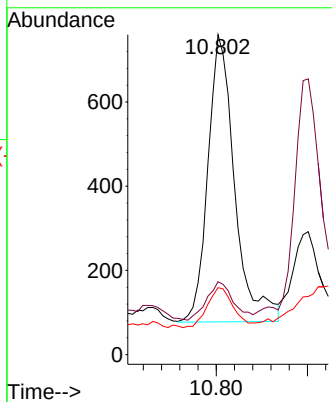
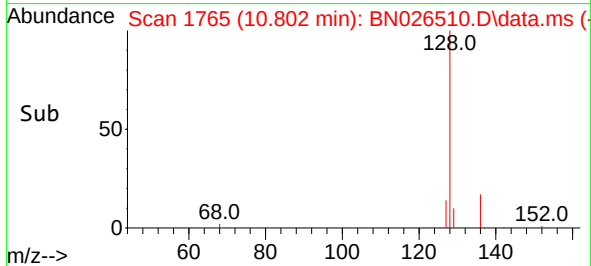


#5
Naphthalene
Concen: 0.056 ng/ul
RT: 10.802 min Scan# 1765
Delta R.T. -0.012 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

Instrument :
BNA_N
ClientSampleId :

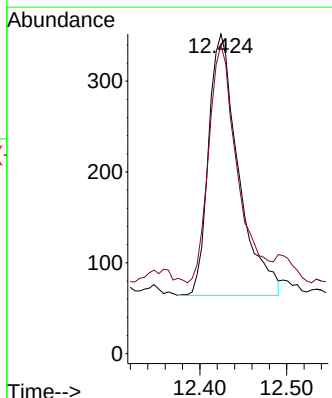
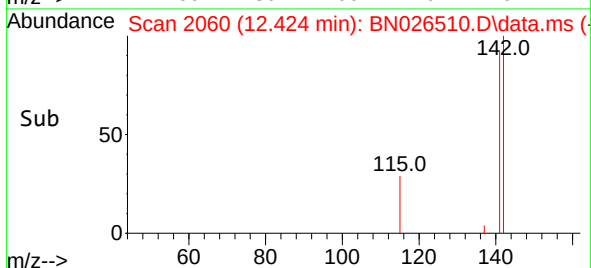
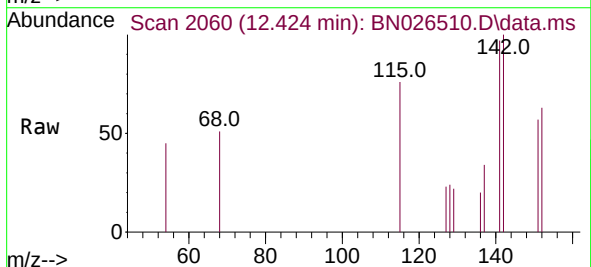


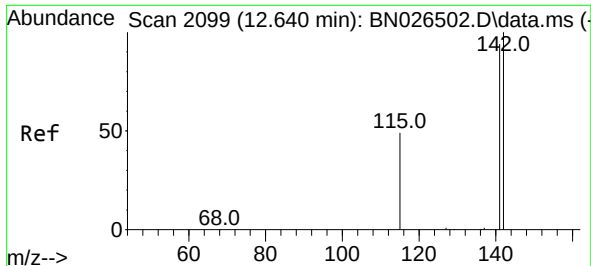
Tgt Ion:128 Resp: 1388
Ion Ratio Lower Upper
128 100
129 22.8 10.2 15.2#
127 20.9 11.4 17.0#



#7
2-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.424 min Scan# 2060
Delta R.T. -0.001 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

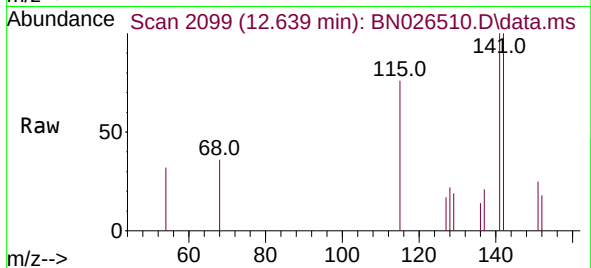
Tgt Ion:142 Resp: 689
Ion Ratio Lower Upper
142 100
141 87.2 72.3 108.5



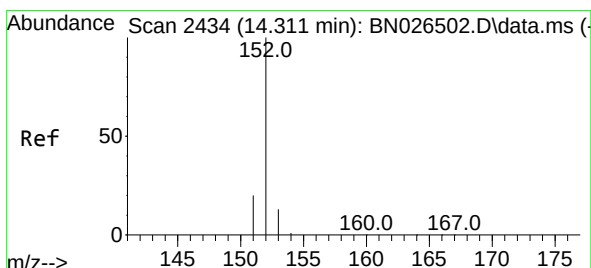
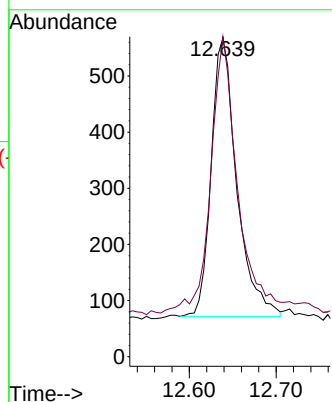
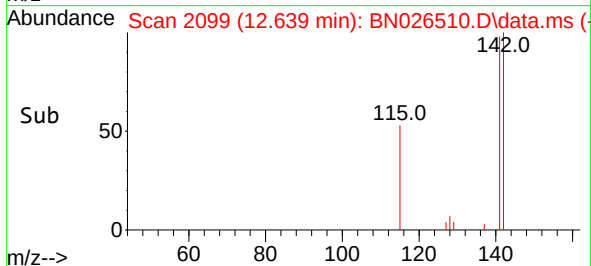


#8
1-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.639 min Scan# 2099
Delta R.T. -0.001 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

Instrument :
BNA_N
ClientSampleId :

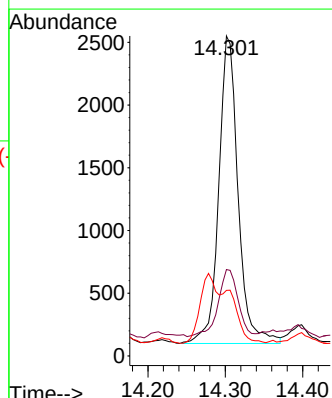
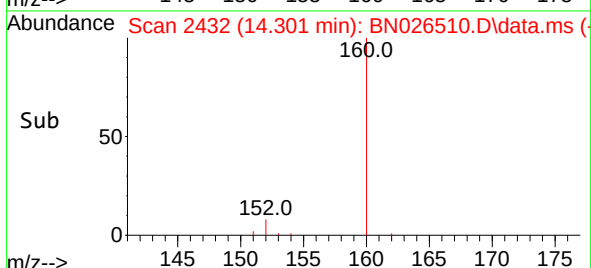
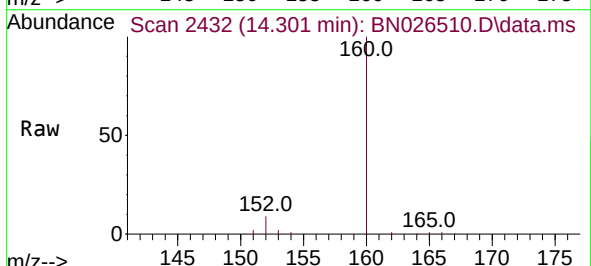


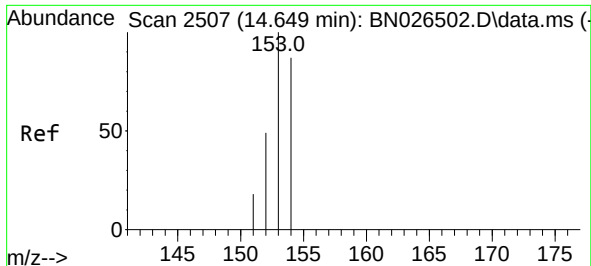
Tgt Ion:142 Resp: 1012
Ion Ratio Lower Upper
142 100
141 106.6 74.5 111.7



#10
Acenaphthylene
Concen: 0.139 ng/ul
RT: 14.301 min Scan# 2432
Delta R.T. -0.010 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

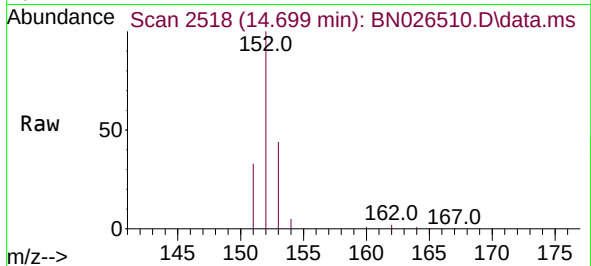
Tgt Ion:152 Resp: 4249
Ion Ratio Lower Upper
152 100
151 27.0 17.0 25.6#
153 20.5 11.4 17.2#



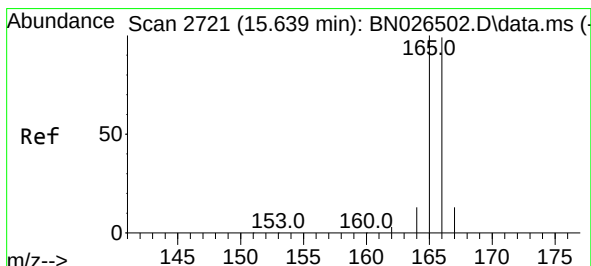
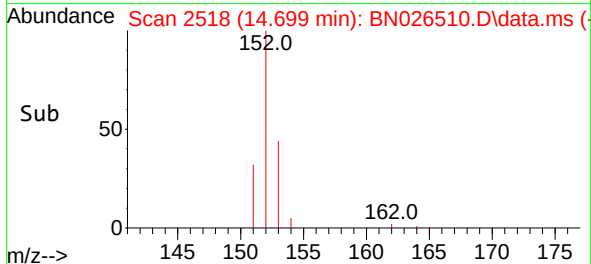
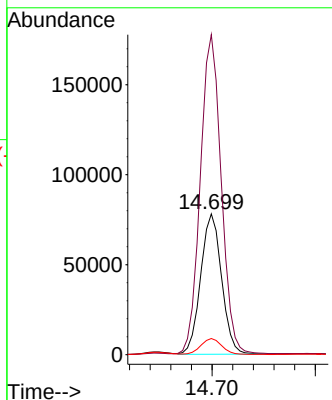


#11
Acenaphthene
Concen: 4.707 ng/u1
RT: 14.699 min Scan# 21
Delta R.T. 0.050 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

Instrument :
BNA_N
ClientSampleId :

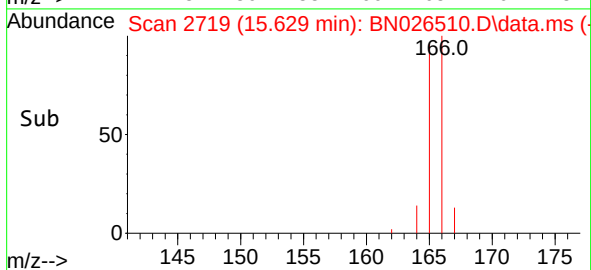
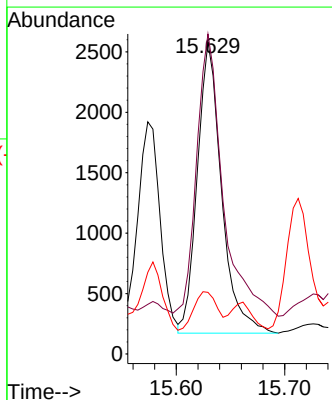
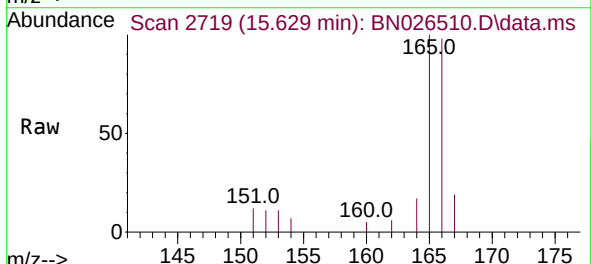


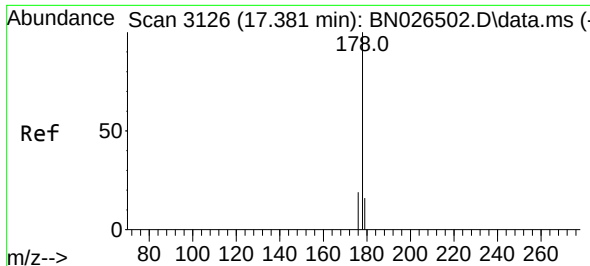
Tgt Ion:153 Resp: 109511
Ion Ratio Lower Upper
153 100
152 227.3 40.2 60.4#
154 11.5 69.3 103.9#



#12
Fluorene
Concen: 0.154 ng/u1
RT: 15.629 min Scan# 2719
Delta R.T. -0.010 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

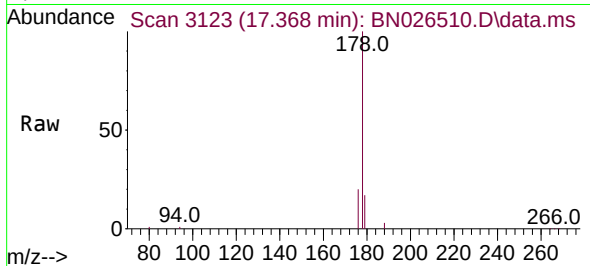
Tgt Ion:166 Resp: 3749
Ion Ratio Lower Upper
166 100
165 102.5 80.6 120.8
167 19.7 12.0 18.0#



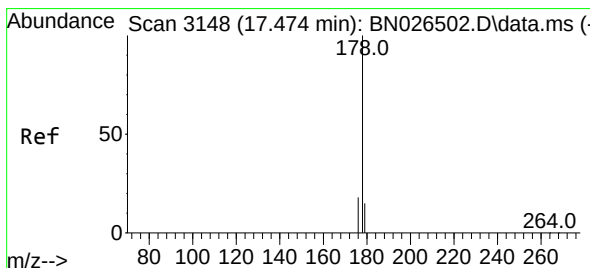
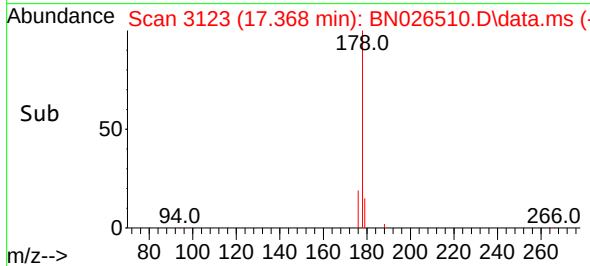
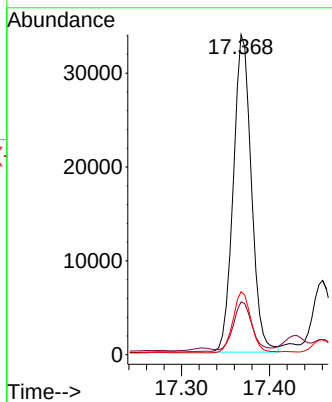


#15
Phenanthrene
Concen: 0.658 ng/ul
RT: 17.368 min Scan# 3123
Delta R.T. -0.013 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

Instrument :
BNA_N
ClientSampleId :

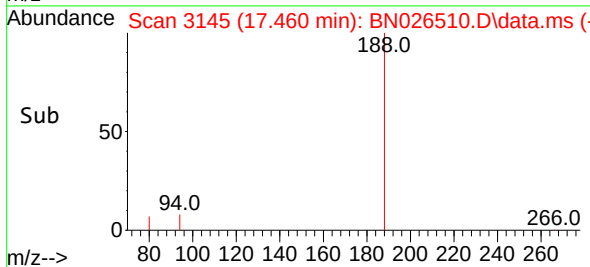
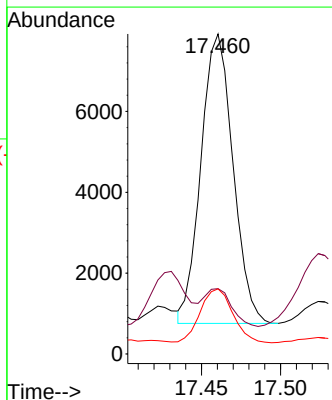
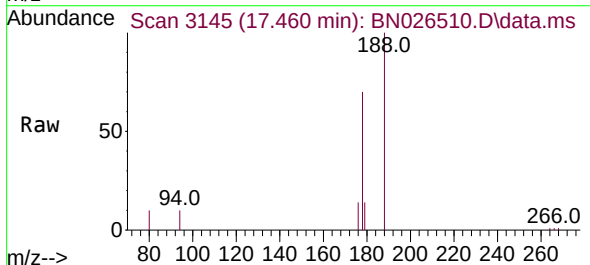


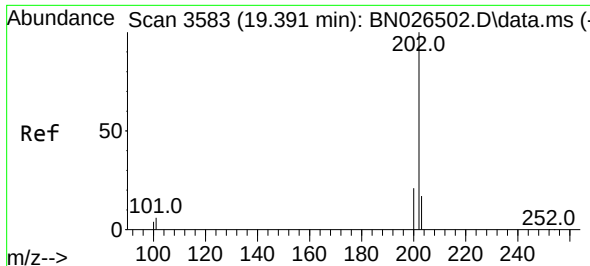
Tgt Ion:178 Resp: 48219
Ion Ratio Lower Upper
178 100
179 16.5 13.7 20.5
176 19.7 16.5 24.7



#16
Anthracene
Concen: 0.158 ng/ul
RT: 17.460 min Scan# 3145
Delta R.T. -0.013 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

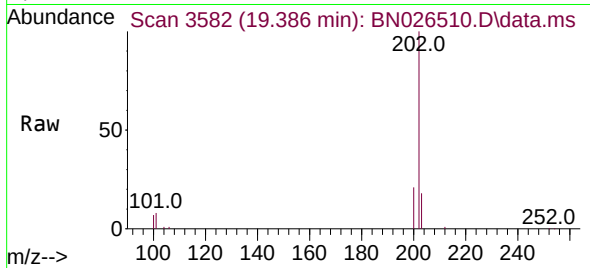
Tgt Ion:178 Resp: 10069
Ion Ratio Lower Upper
178 100
179 20.4 14.8 22.2
176 20.4 16.6 25.0



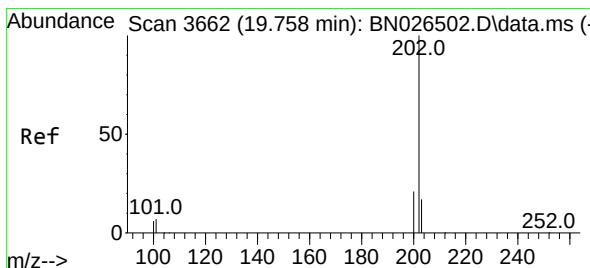
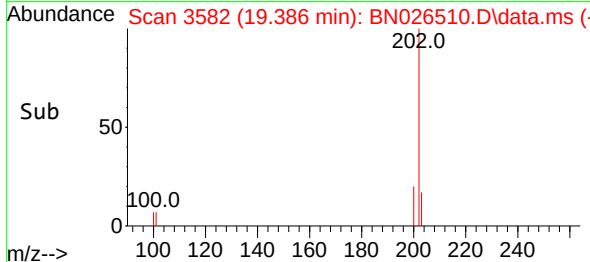
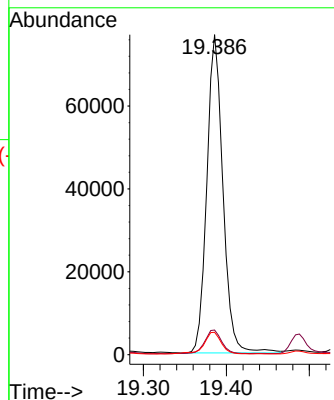


#19
Fluoranthene
Concen: 1.629 ng/ul
RT: 19.386 min Scan# 3582
Delta R.T. -0.005 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

Instrument :
BNA_N
ClientSampleId :

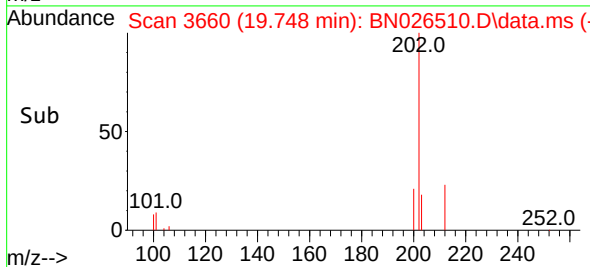
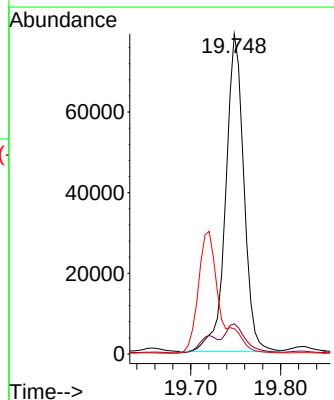
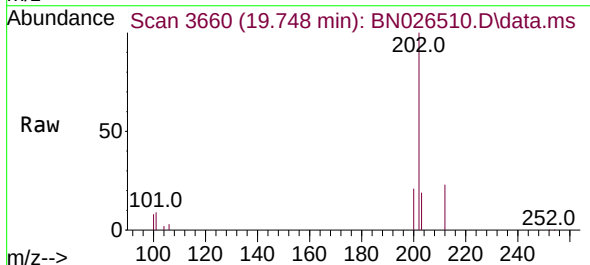


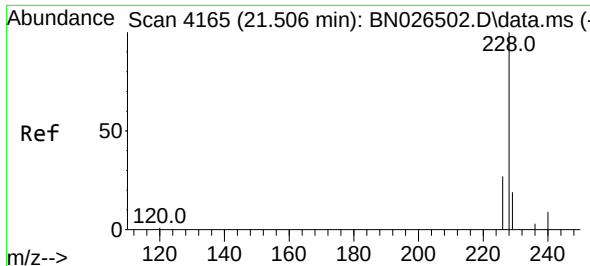
Tgt Ion:202 Resp: 103769
Ion Ratio Lower Upper
202 100
101 7.7 7.0 10.4
100 7.0 6.0 9.0



#20
Pyrene
Concen: 1.592 ng/ul
RT: 19.748 min Scan# 3660
Delta R.T. -0.010 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

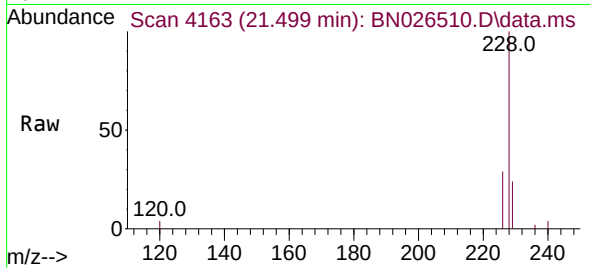
Tgt Ion:202 Resp: 110127
Ion Ratio Lower Upper
202 100
101 9.4 8.0 12.0
100 7.9 6.2 9.2



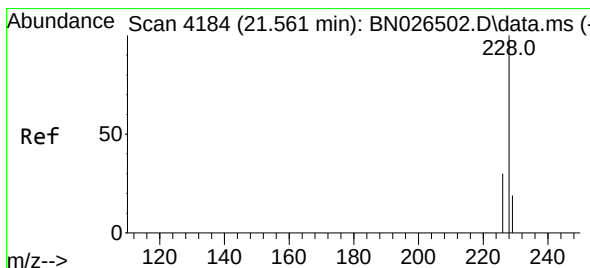
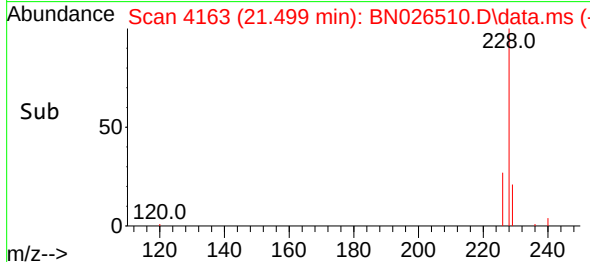
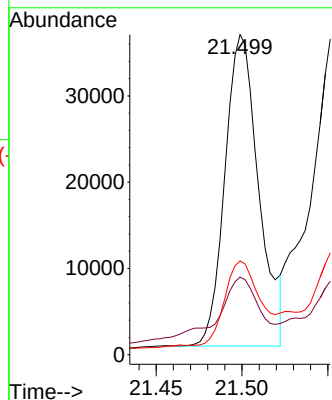


#21
Benzo(a)anthracene
Concen: 0.991 ng/ul
RT: 21.499 min Scan# 4163
Delta R.T. -0.007 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

Instrument :
BNA_N
ClientSampleId :

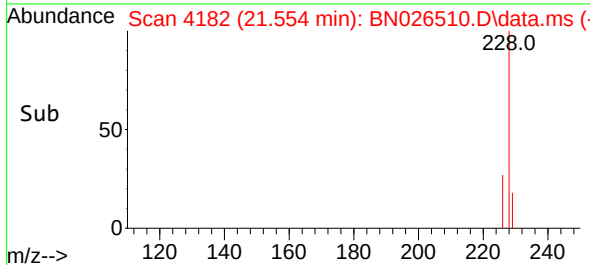
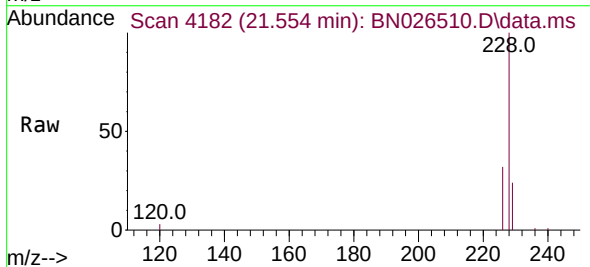
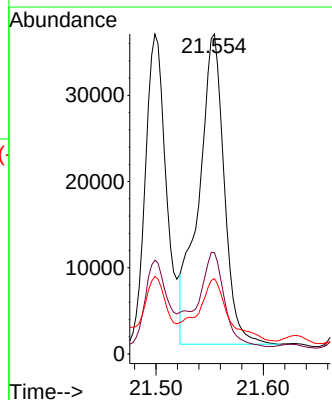


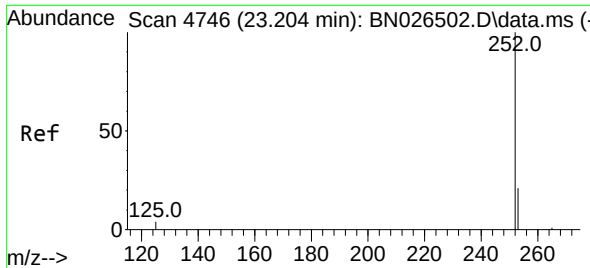
Tgt Ion:228 Resp: 49482
Ion Ratio Lower Upper
228 100
229 24.3 16.7 25.1
226 29.3 23.5 35.3



#22
Chrysene
Concen: 1.051 ng/ul
RT: 21.554 min Scan# 4182
Delta R.T. -0.007 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

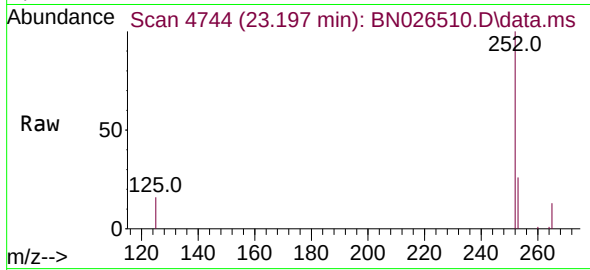
Tgt Ion:228 Resp: 59737
Ion Ratio Lower Upper
228 100
226 31.7 25.2 37.8
229 23.5 16.4 24.6



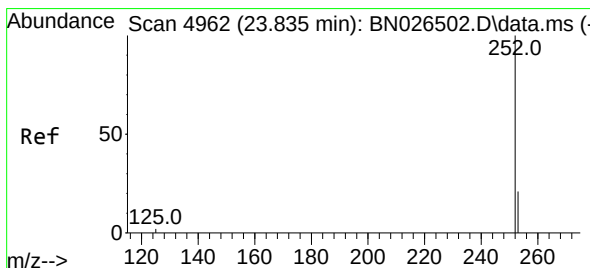
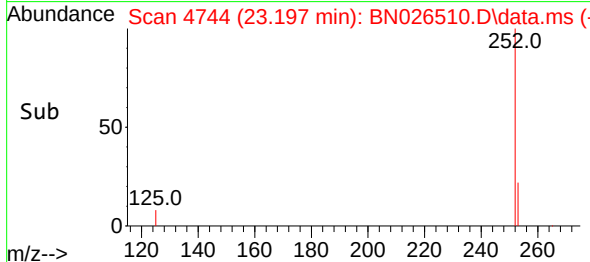
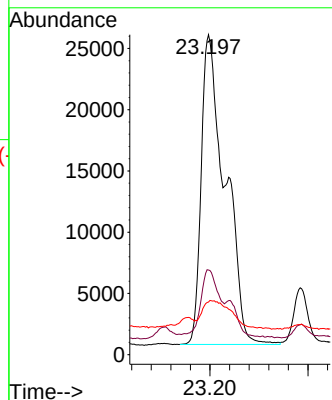


#24
Benzo(b)fluoranthene
Concen: 1.607 ng/ul
RT: 23.197 min Scan# 41
Delta R.T. -0.007 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

Instrument :
BNA_N
ClientSampleId :

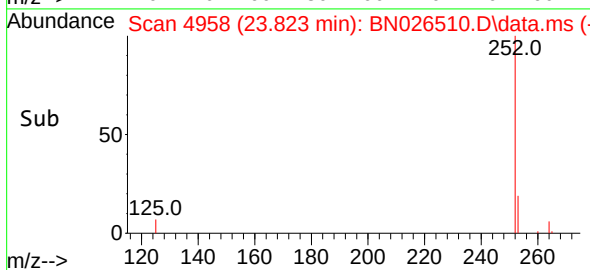
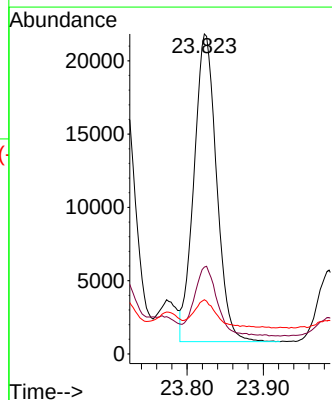
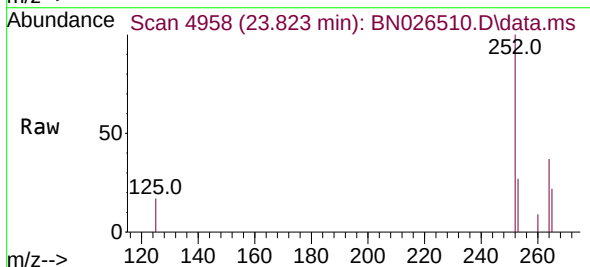


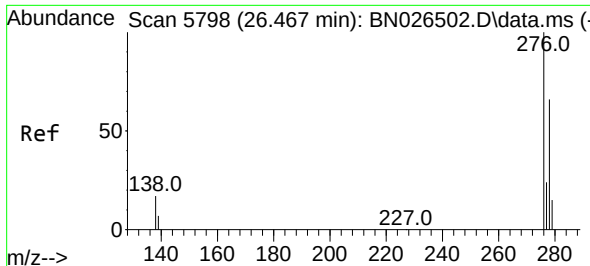
Tgt Ion:252 Resp: 85567
Ion Ratio Lower Upper
252 100
253 26.5 0.0 68.6
125 16.5 0.0 34.0



#26
Benzo(a)pyrene
Concen: 0.910 ng/ul
RT: 23.823 min Scan# 4958
Delta R.T. -0.013 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

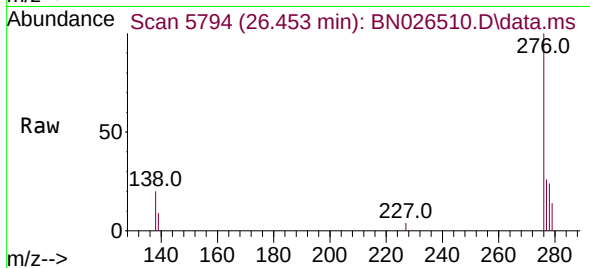
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Ion Ratio Lower Upper
252 100
253 27.1 32.6 49.0#
125 16.9 19.3 28.9#



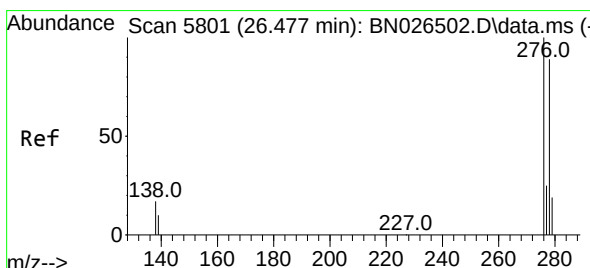
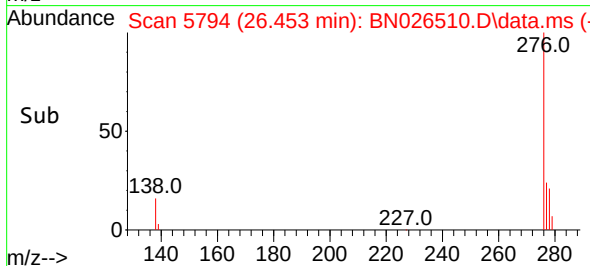
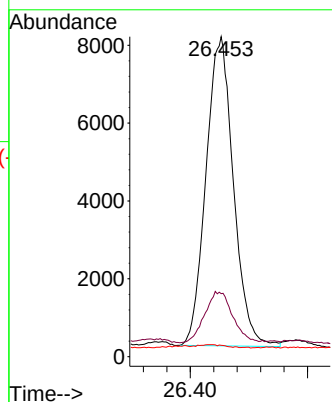


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.415 ng/ul
 RT: 26.453 min Scan# 5794
 Delta R.T. -0.014 min
 Lab File: BN026510.D
 Acq: 14 Jul 2023 21:21

Instrument :
 BNA_N
 ClientSampleId :

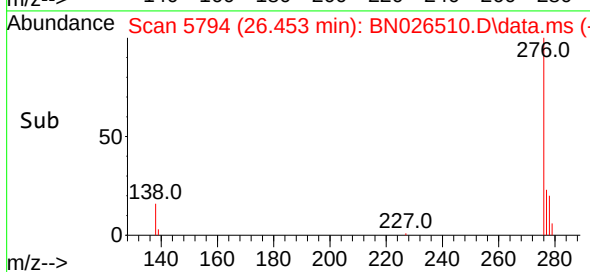
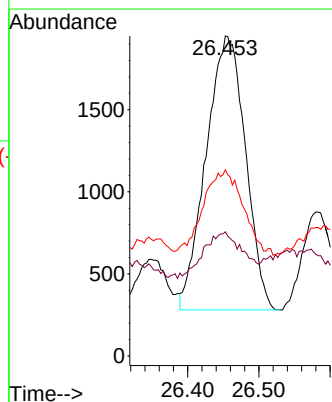
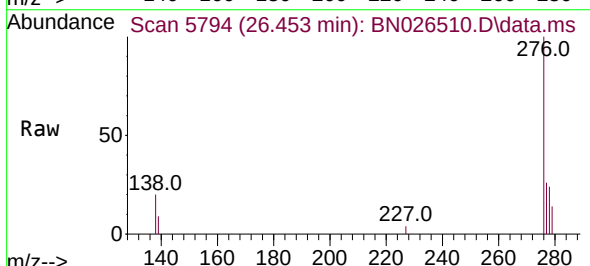


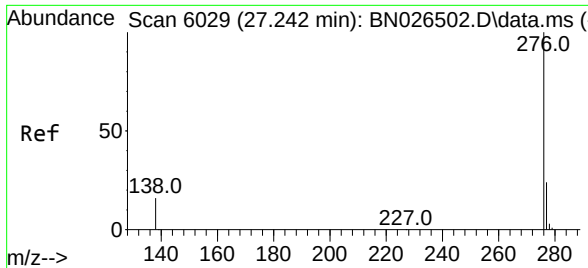
Tgt Ion:276 Resp: 25813
 Ion Ratio Lower Upper
 276 100
 138 17.7 22.2 33.4#
 227 0.9 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.134 ng/ul
 RT: 26.453 min Scan# 5794
 Delta R.T. -0.024 min
 Lab File: BN026510.D
 Acq: 14 Jul 2023 21:21

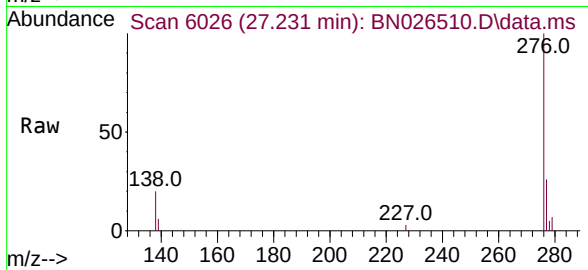
Tgt Ion:278 Resp: 6411
 Ion Ratio Lower Upper
 278 100
 139 38.8 18.9 28.3#
 279 58.2 31.3 46.9#





#29
Benzo(g,h,i)perylene
Concen: 0.501 ng/ul
RT: 27.231 min Scan# 6026
Delta R.T. -0.011 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	276	Resp:	27466
Ion	Ratio	Lower	Upper
276	100		
138	20.0	22.6	34.0#
277	26.4	21.8	32.8

