

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
 Data File : BN026912.D
 Acq On : 15 Aug 2023 22:31
 Operator : MA/JU
 Sample : 03965-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48J5

Quant Time: Aug 16 00:55:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 00:50:05 2023
 Response via : Initial Calibration

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

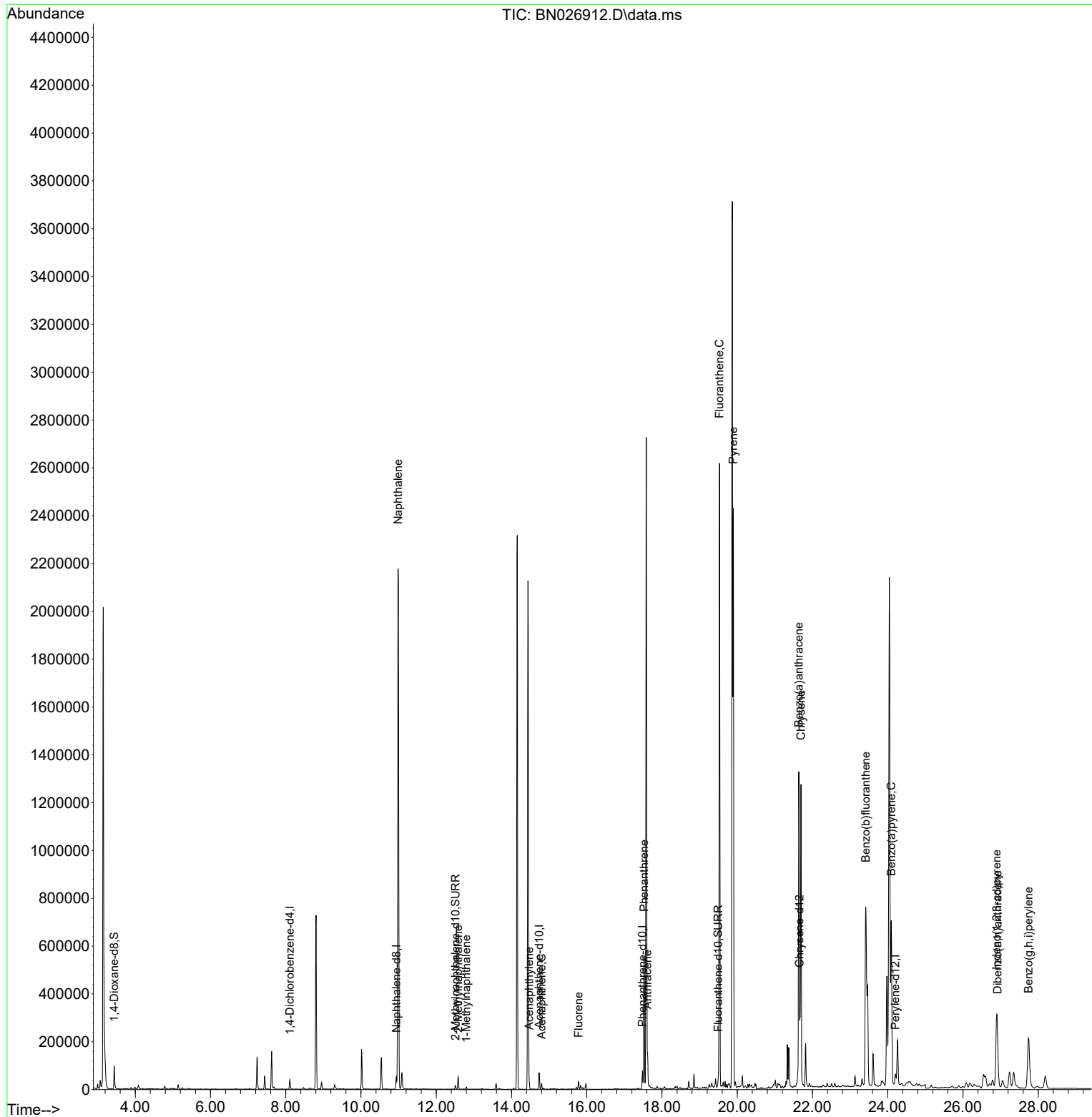
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	19924	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	66735	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.735	164	38567	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.481	188	85698	0.400	ng/ul	0.00
17) Chrysene-d12	21.656	240	70021	0.400	ng/ul	0.00
23) Perylene-d12	24.202	264	64439	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	68392	2.891	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	20789	0.212	ng/ul	0.00
18) Fluoranthene-d10	19.496	212	49689	0.225	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.988	128	3060649	16.230	ng/ul	100
7) 2-Methylnaphthalene	12.583	142	35369	0.310	ng/ul	100
8) 1-Methylnaphthalene	12.797	142	6264	0.052	ng/ul	100
10) Acenaphthylene	14.467	152	29262	0.135	ng/ul	100
11) Acenaphthene	14.800	153	13768	0.092	ng/ul	99
12) Fluorene	15.781	166	19276	0.114	ng/ul	99
15) Phenanthrene	17.527	178	593797	2.109	ng/ul	99
16) Anthracene	17.616	178	136544	0.537	ng/ul	100
19) Fluoranthene	19.529	202	2140630	7.360	ng/ul	98
20) Pyrene	19.896	202	2018529	6.504	ng/ul	98
21) Benzo(a)anthracene	21.638	228	1227402	4.407	ng/ul	99
22) Chrysene	21.694	228	1232519	4.484	ng/ul	98
24) Benzo(b)fluoranthene	23.415	252	2037438	8.359	ng/ul	99
26) Benzo(a)pyrene	24.094	252	1073494	4.881	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.897	276	614121	2.134	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.921	278	149441	0.652	ng/ul	96
29) Benzo(g,h,i)perylene	27.743	276	536361	2.239	ng/ul	99

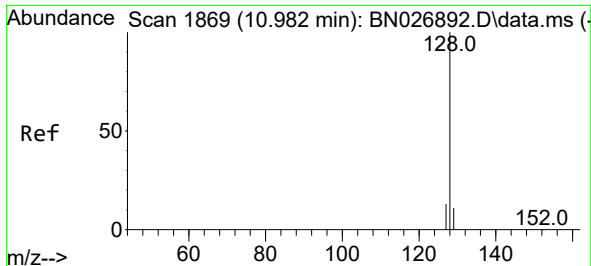
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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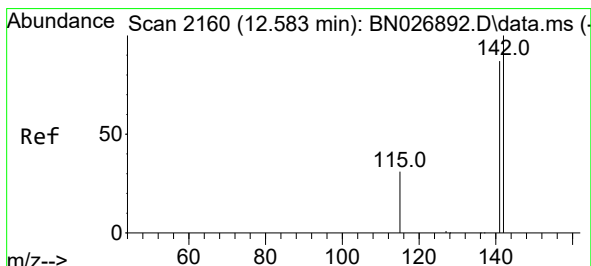
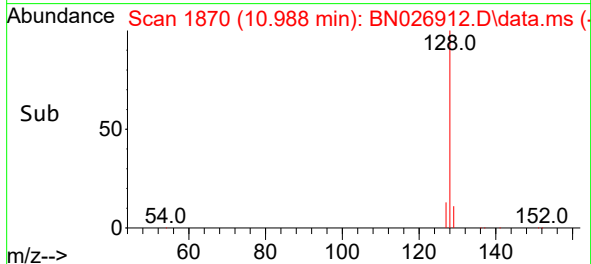
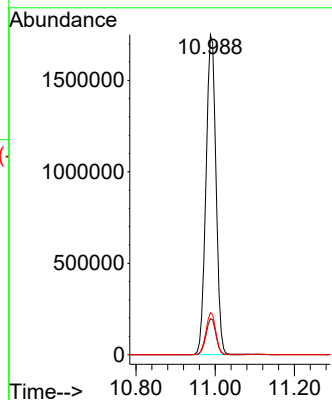
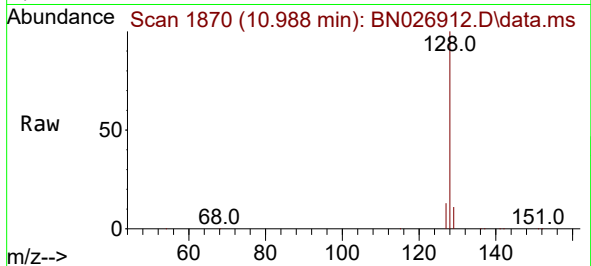




#5
Naphthalene
Concen: 16.230 ng/ul
RT: 10.988 min Scan# 1869
Delta R.T. 0.006 min
Lab File: BN026912.D
Acq: 15 Aug 2023 22:31

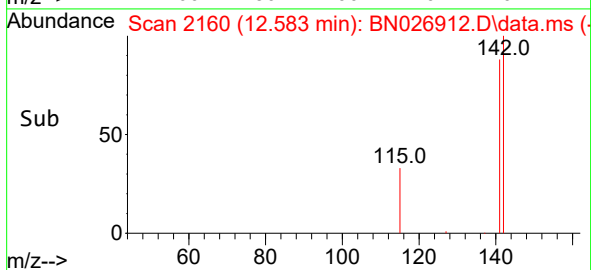
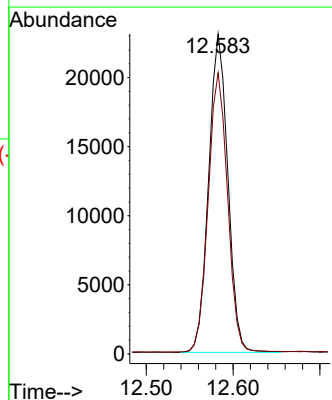
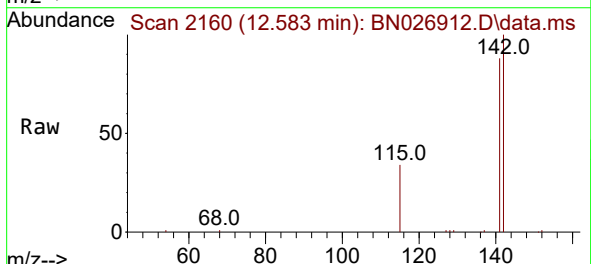
Instrument :
BNA_N
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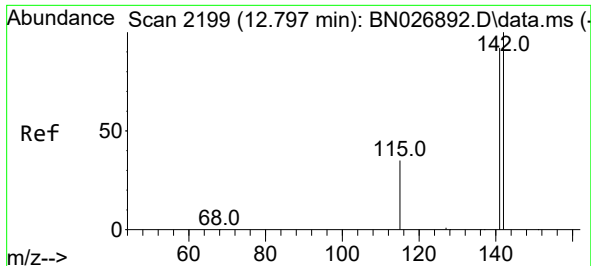
Tgt Ion:128 Resp: 3060649
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.1 10.5 15.7



#7
2-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.583 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BN026912.D
Acq: 15 Aug 2023 22:31

Tgt Ion:142 Resp: 35369
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3

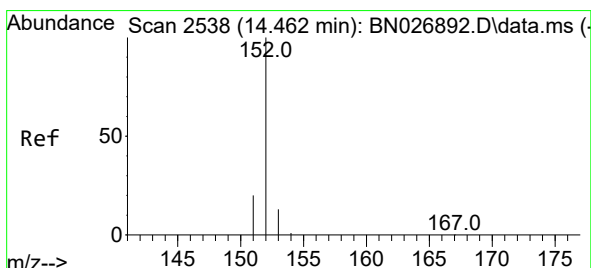
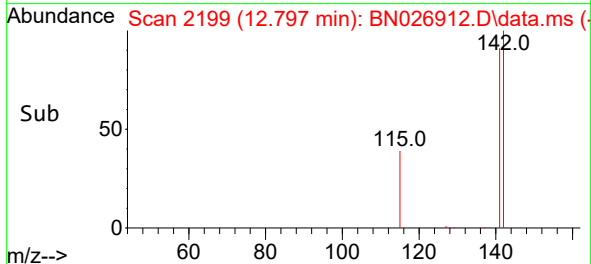
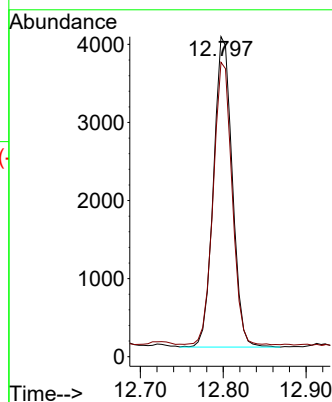
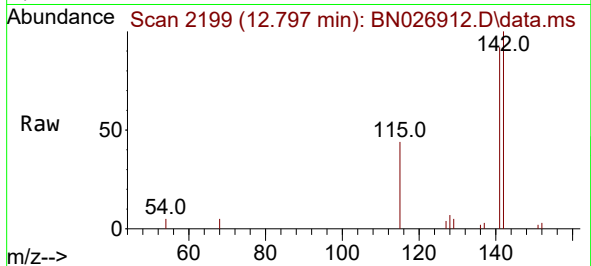




#8
1-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.797 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BN026912.D
Acq: 15 Aug 2023 22:31

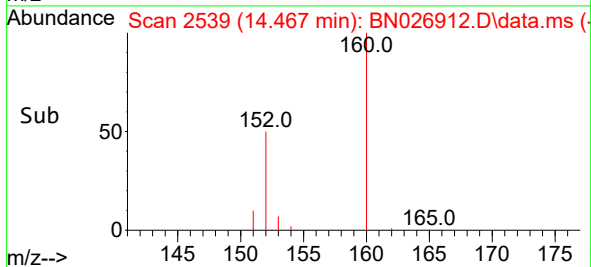
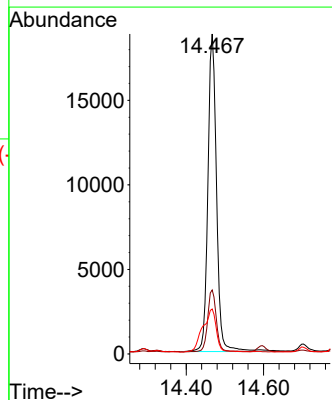
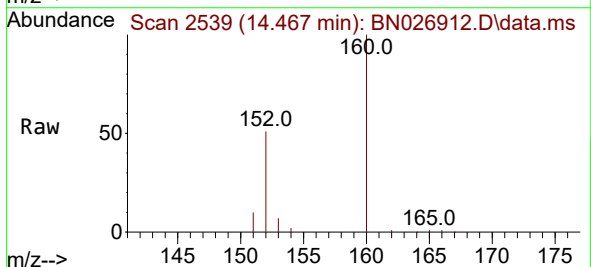
Instrument :
BNA_N
ClientSampleId :
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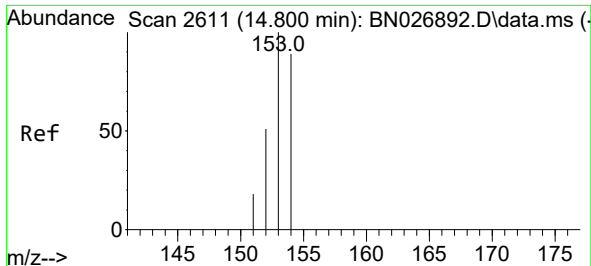
Tgt Ion:142 Resp: 6264
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8



#10
Acenaphthylene
Concen: 0.135 ng/ul
RT: 14.467 min Scan# 2539
Delta R.T. 0.005 min
Lab File: BN026912.D
Acq: 15 Aug 2023 22:31

Tgt Ion:152 Resp: 29262
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 14.0 11.0 16.6

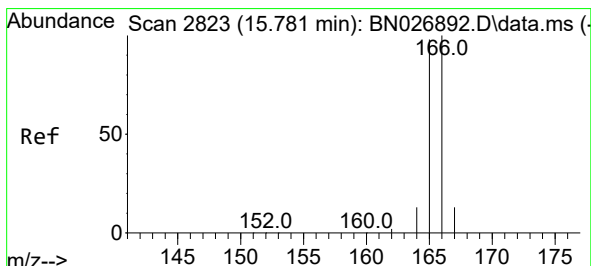
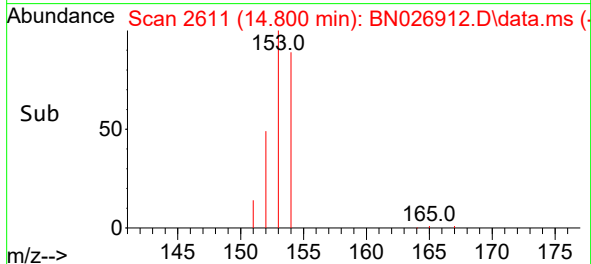
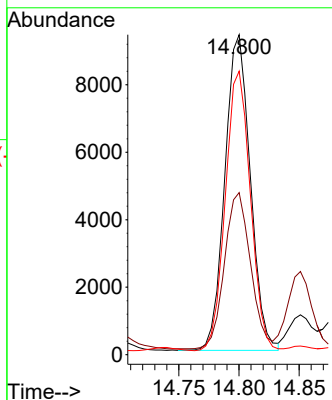
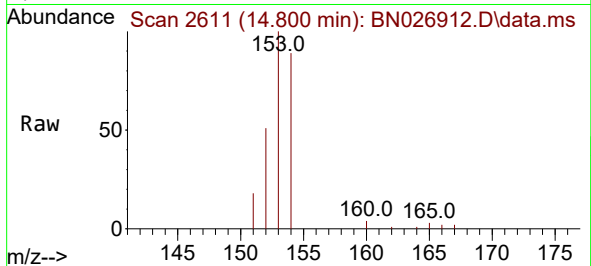




#11
Acenaphthene
Concen: 0.092 ng/ul
RT: 14.800 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BN026912.D
Acq: 15 Aug 2023 22:31

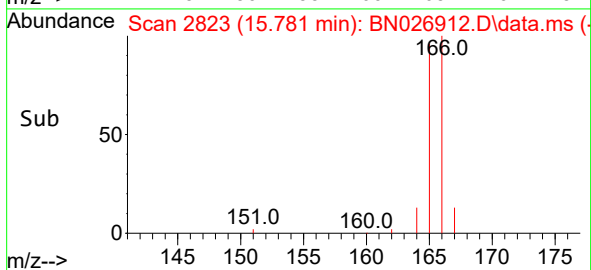
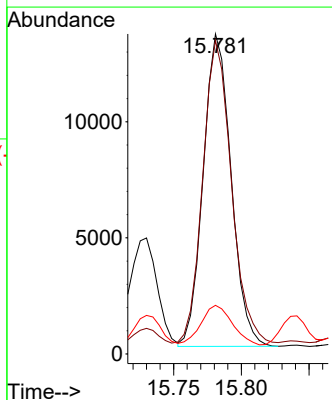
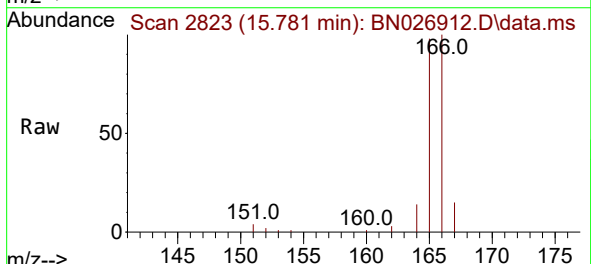
Instrument :
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ClientSampleId :
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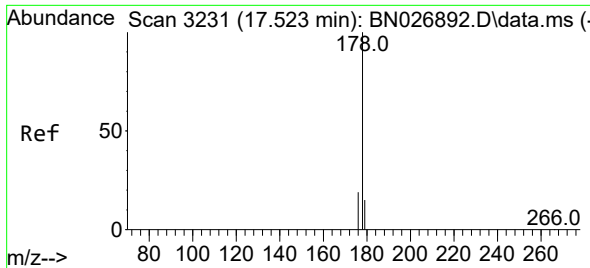
Tgt Ion:153 Resp: 13768
Ion Ratio Lower Upper
153 100
152 50.6 41.1 61.7
154 88.6 71.6 107.4



#12
Fluorene
Concen: 0.114 ng/ul
RT: 15.781 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BN026912.D
Acq: 15 Aug 2023 22:31

Tgt Ion:166 Resp: 19276
Ion Ratio Lower Upper
166 100
165 98.0 79.1 118.7
167 15.2 11.4 17.0

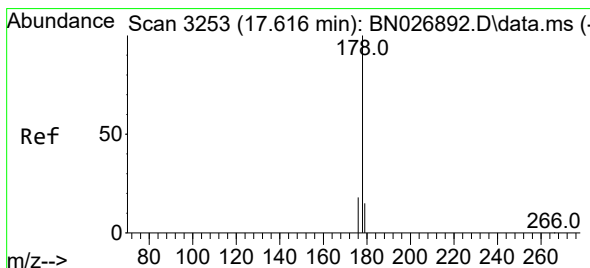
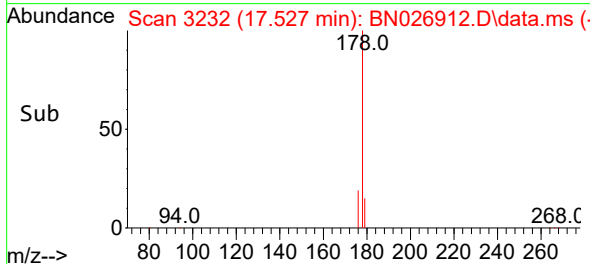
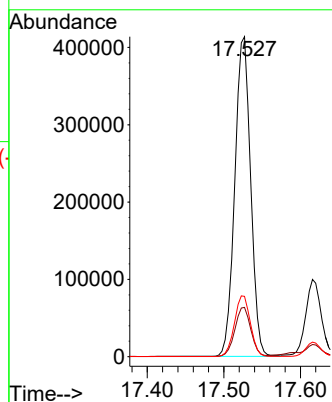
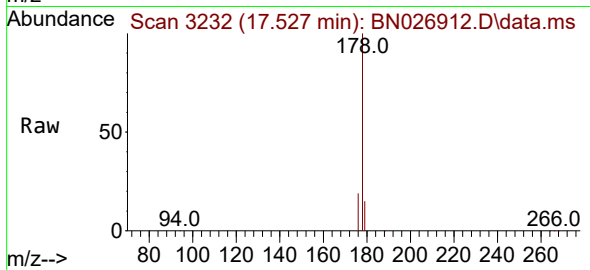




#15
Phenanthrene
Concen: 2.109 ng/u1
RT: 17.527 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN026912.D
Acq: 15 Aug 2023 22:31

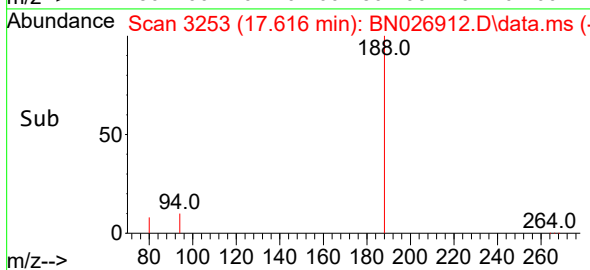
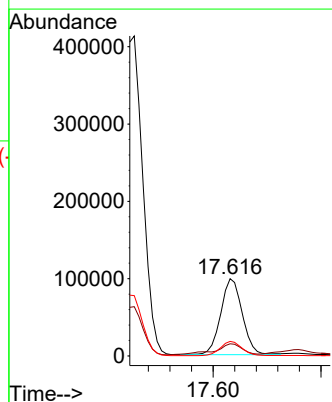
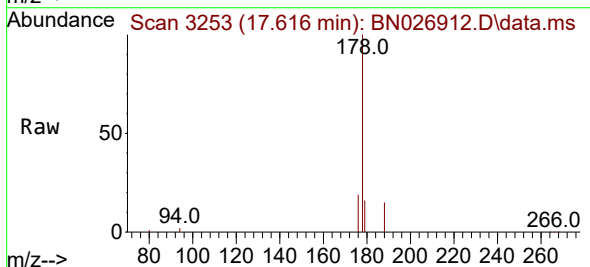
Instrument :
BNA_N
ClientSampleId :
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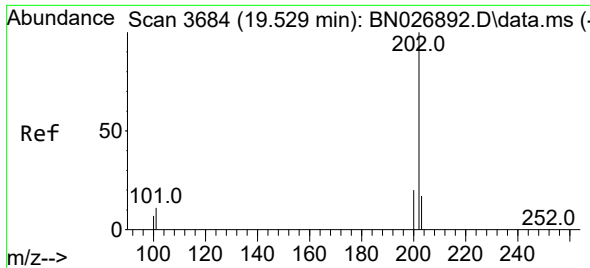
Tgt Ion:178 Resp: 593797
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 18.9 15.4 23.2



#16
Anthracene
Concen: 0.537 ng/u1
RT: 17.616 min Scan# 3253
Delta R.T. -0.000 min
Lab File: BN026912.D
Acq: 15 Aug 2023 22:31

Tgt Ion:178 Resp: 136544
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 18.8 15.0 22.6

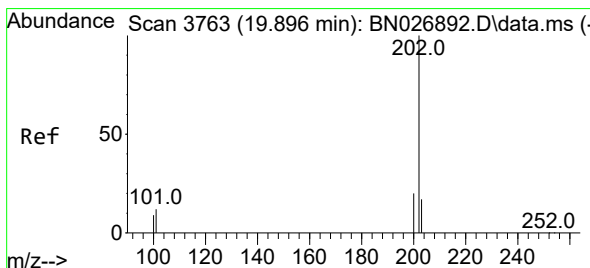
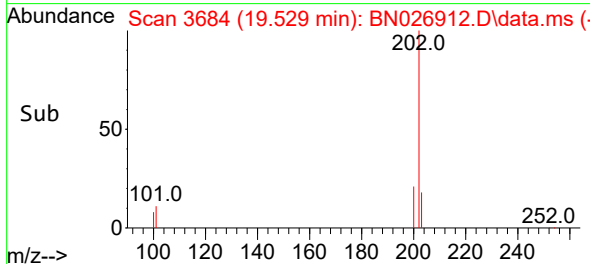
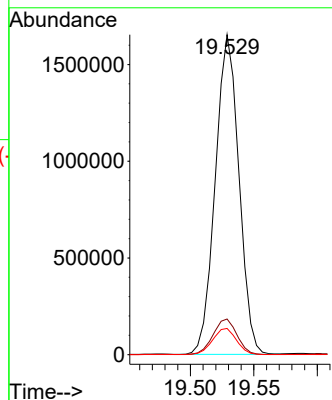
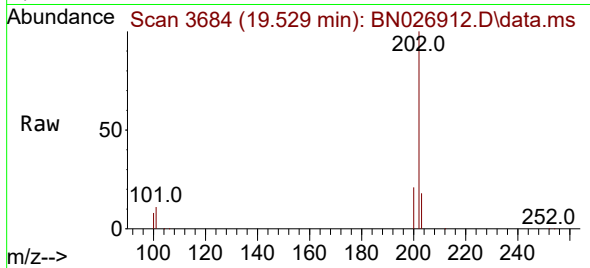




#19
Fluoranthene
Concen: 7.360 ng/u1
RT: 19.529 min Scan# 3684
Delta R.T. -0.000 min
Lab File: BN026912.D
Acq: 15 Aug 2023 22:31

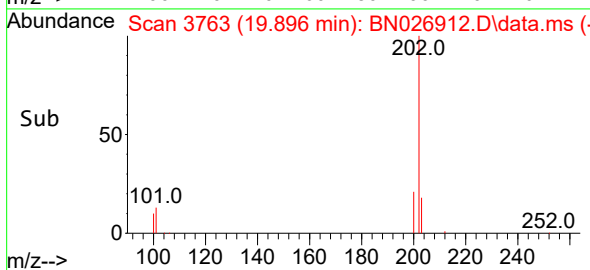
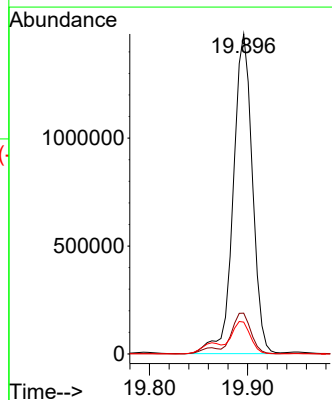
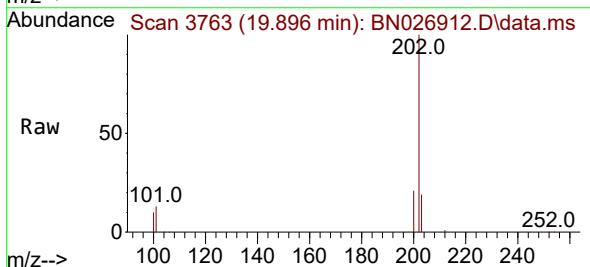
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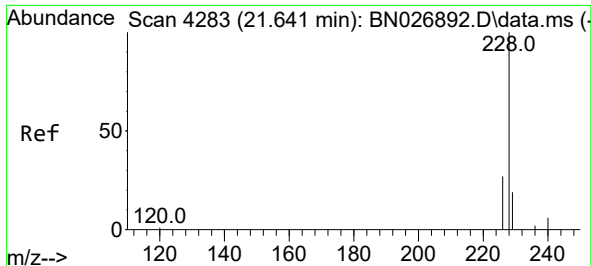
Tgt Ion:202 Resp: 2140630
Ion Ratio Lower Upper
202 100
101 11.2 8.3 12.5
100 8.2 6.2 9.2



#20
Pyrene
Concen: 6.504 ng/u1
RT: 19.896 min Scan# 3763
Delta R.T. -0.000 min
Lab File: BN026912.D
Acq: 15 Aug 2023 22:31

Tgt Ion:202 Resp: 2018529
Ion Ratio Lower Upper
202 100
101 12.7 10.7 16.1
100 10.0 8.5 12.7

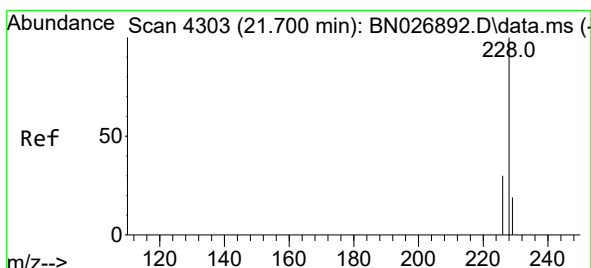
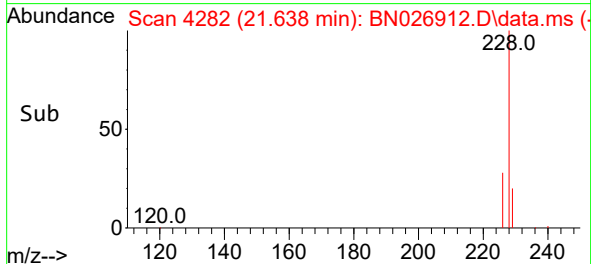
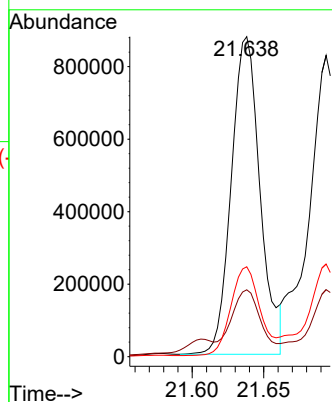
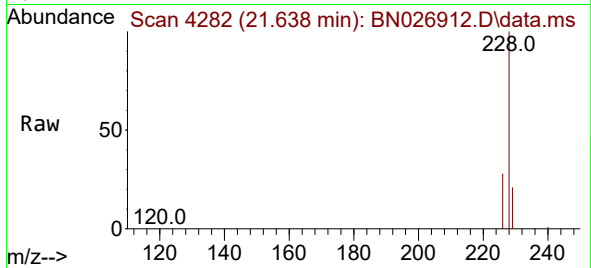




#21
Benzo(a)anthracene
Concen: 4.407 ng/ul
RT: 21.638 min Scan# 4301
Delta R.T. -0.003 min
Lab File: BN026912.D
Acq: 15 Aug 2023 22:31

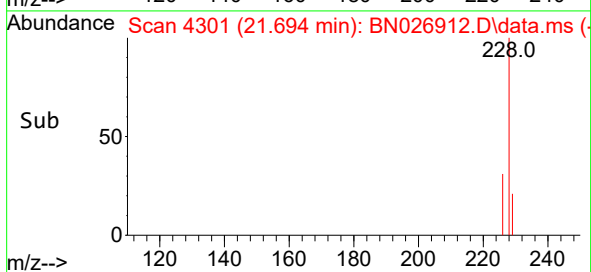
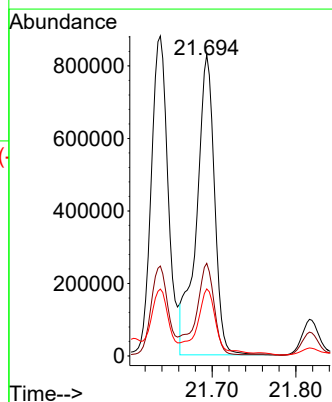
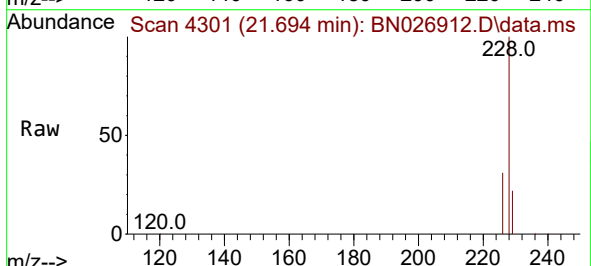
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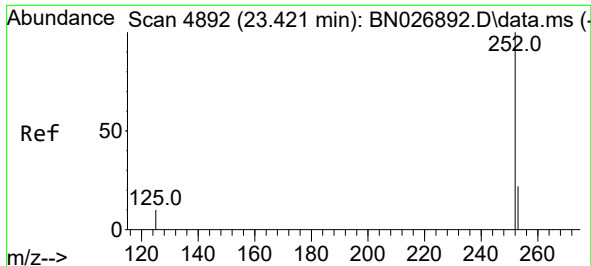
Tgt Ion:228 Resp: 1227402
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.1 22.2 33.2



#22
Chrysene
Concen: 4.484 ng/ul
RT: 21.694 min Scan# 4301
Delta R.T. -0.006 min
Lab File: BN026912.D
Acq: 15 Aug 2023 22:31

Tgt Ion:228 Resp: 1232519
Ion Ratio Lower Upper
228 100
226 30.8 24.6 36.8
229 22.3 15.8 23.6

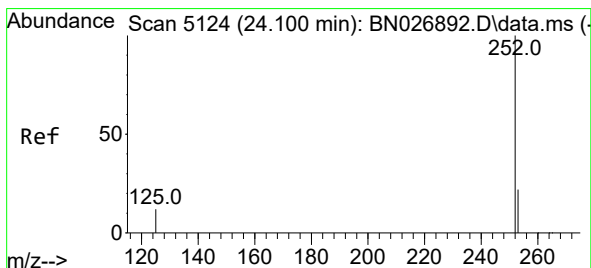
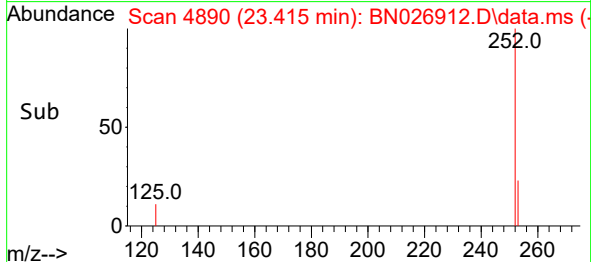
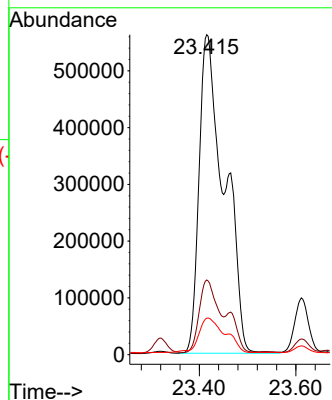
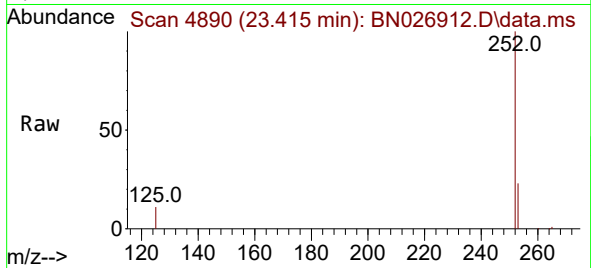




#24
Benzo(b)fluoranthene
Concen: 8.359 ng/ul
RT: 23.415 min Scan# 4890
Delta R.T. -0.006 min
Lab File: BN026912.D
Acq: 15 Aug 2023 22:31

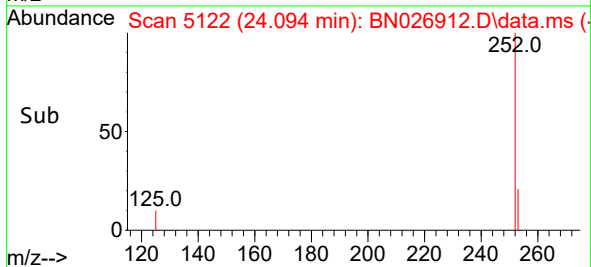
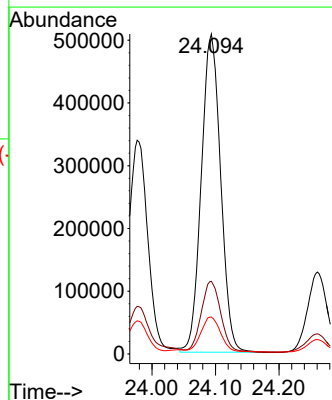
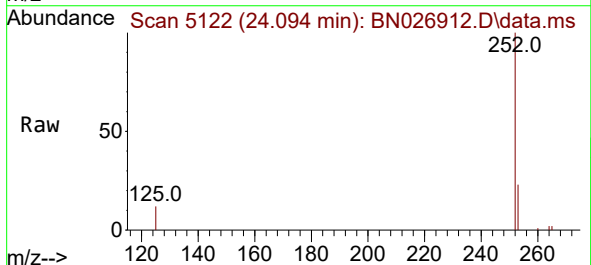
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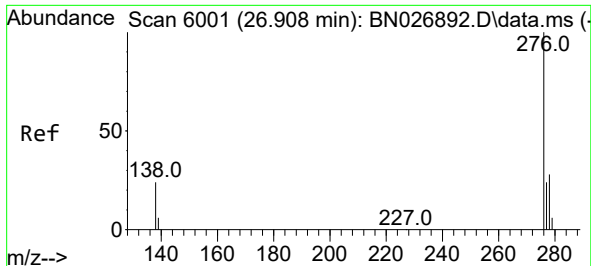
Tgt Ion:252 Resp: 2037438
Ion Ratio Lower Upper
252 100
253 23.3 0.0 46.8
125 11.4 0.0 25.2



#26
Benzo(a)pyrene
Concen: 4.881 ng/ul
RT: 24.094 min Scan# 5122
Delta R.T. -0.006 min
Lab File: BN026912.D
Acq: 15 Aug 2023 22:31

Tgt Ion:252 Resp: 1073494
Ion Ratio Lower Upper
252 100
253 22.7 19.0 28.6
125 11.6 11.4 17.0

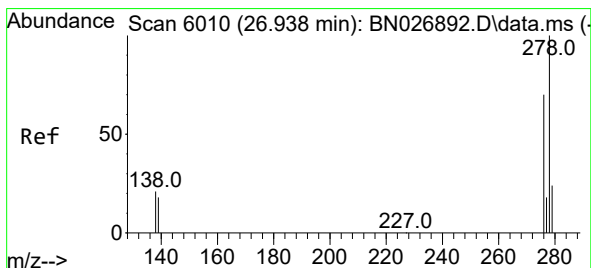
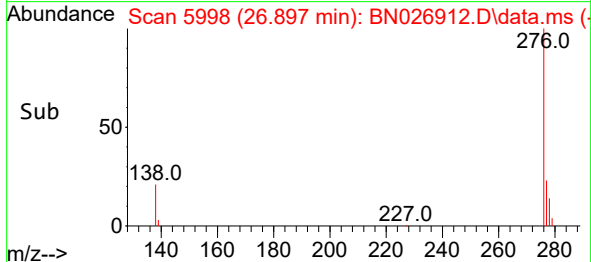
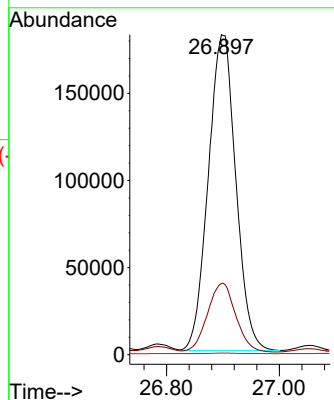
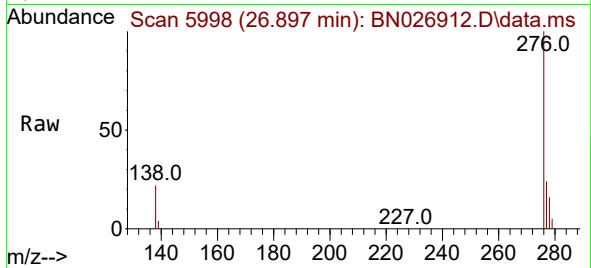




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.134 ng/ul
 RT: 26.897 min Scan# 5998
 Delta R.T. -0.010 min
 Lab File: BN026912.D
 Acq: 15 Aug 2023 22:31

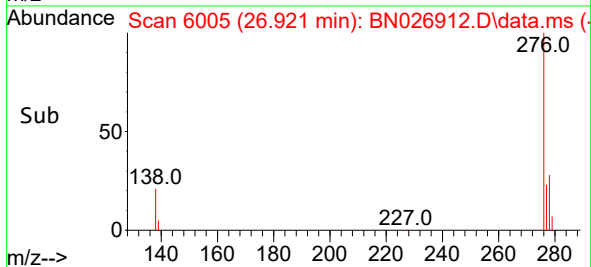
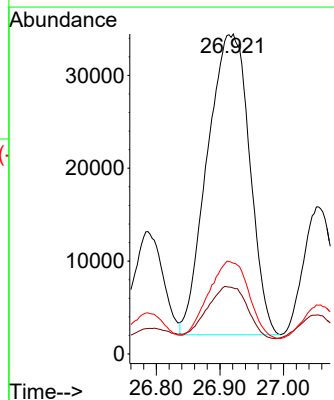
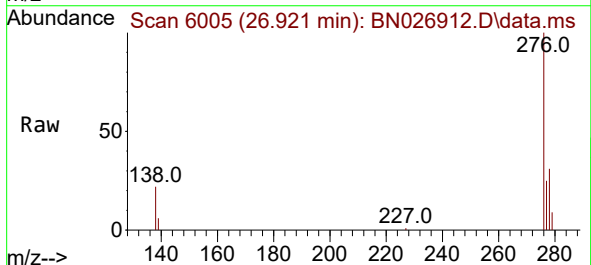
Instrument :
 BNA_N
 ClientSampleId :
 A48J5

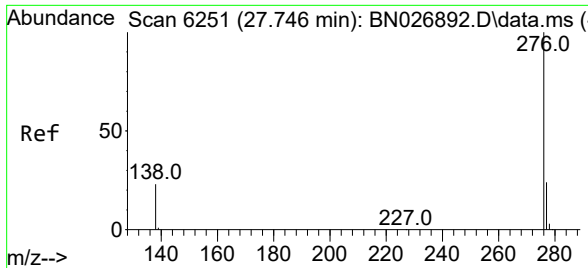
Tgt Ion:276 Resp: 614121
 Ion Ratio Lower Upper
 276 100
 138 22.3 21.6 32.4
 227 0.2 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.652 ng/ul
 RT: 26.921 min Scan# 6005
 Delta R.T. -0.017 min
 Lab File: BN026912.D
 Acq: 15 Aug 2023 22:31

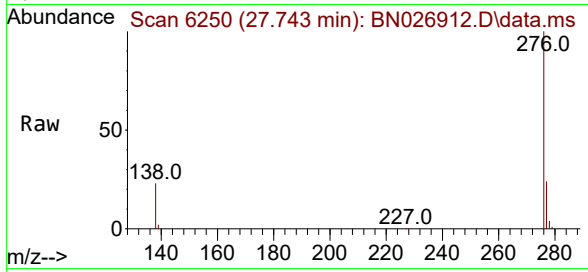
Tgt Ion:278 Resp: 149441
 Ion Ratio Lower Upper
 278 100
 139 20.6 15.7 23.5
 279 28.3 20.2 30.4





#29
Benzo(g,h,i)perylene
Concen: 2.239 ng/ul
RT: 27.743 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN026912.D
Acq: 15 Aug 2023 22:31

Instrument :
BNA_N
ClientSampleId :
A48J5



Tgt Ion:276 Resp: 536361
Ion Ratio Lower Upper
276 100
138 23.2 19.3 28.9
277 24.4 19.8 29.8

