

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026565.D
 Acq On : 18 Jul 2023 15:31
 Operator : MA/JU
 Sample : 03458-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 19 00:17:10 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 : Wed Jul 19 00:15:47 2023
 Response via : Initial Calibration

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

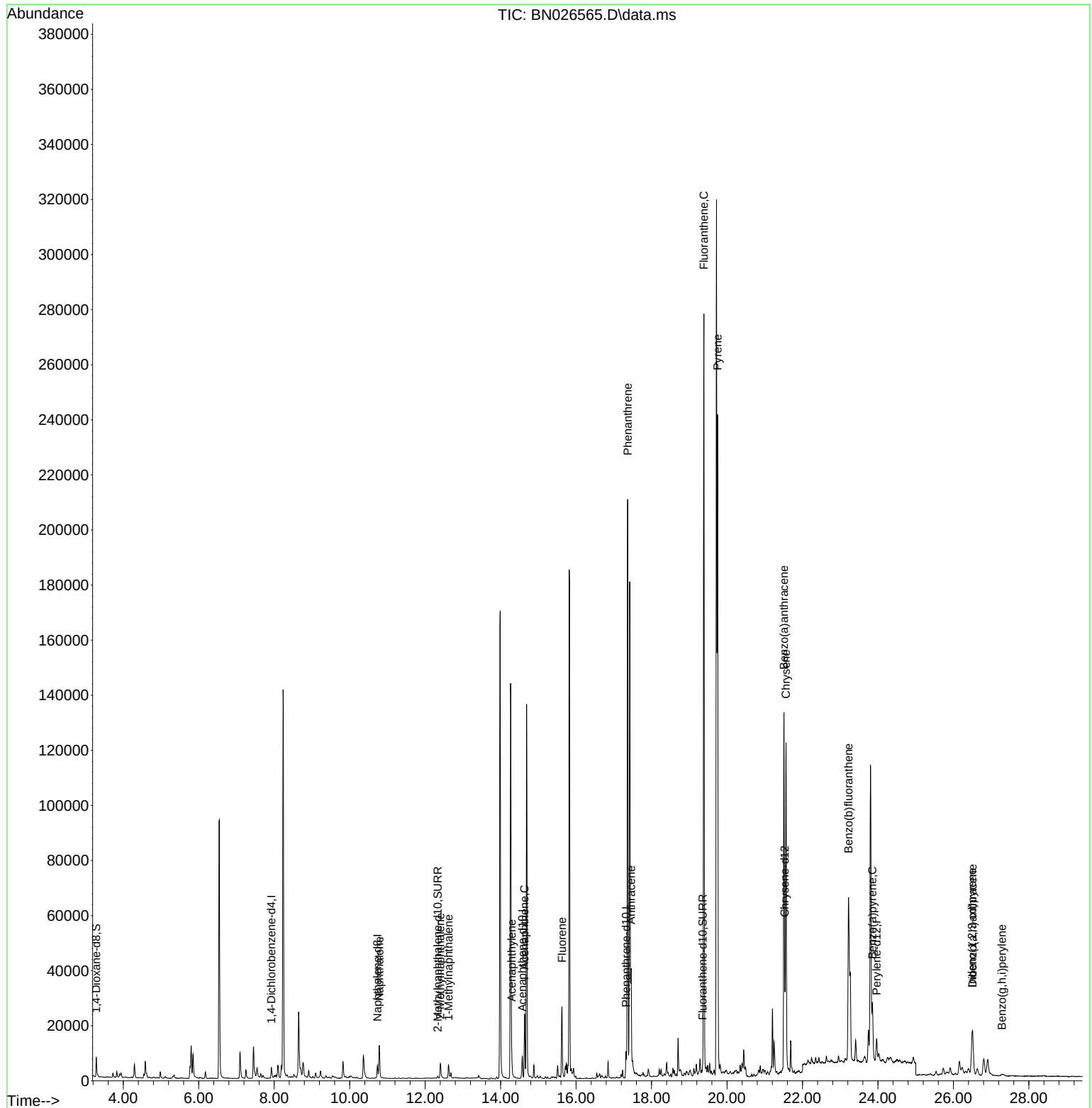
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	2384	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.737	136	6989	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.575	164	4644	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	14398	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	12426	0.400	ng/ul	# 0.00
23) Perylene-d12	23.964	264	11350	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	4984	1.587	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	1223	0.129	ng/ul	-0.01
18) Fluoranthene-d10	19.354	212	4281	0.099	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.787	128	18422	0.960	ng/ul	98
7) 2-Methylnaphthalene	12.403	142	4527	0.416	ng/ul	99
8) 1-Methylnaphthalene	12.623	142	3750	0.322	ng/ul	99
10) Acenaphthylene	14.293	152	5113	0.225	ng/ul#	92
11) Acenaphthene	14.635	153	14412	0.832	ng/ul	99
12) Fluorene	15.625	166	17515	0.964	ng/ul	99
15) Phenanthrene	17.368	178	225534	4.918	ng/ul	97
16) Anthracene	17.457	178	41867	1.052	ng/ul	96
19) Fluoranthene	19.387	202	249990	4.292	ng/ul#	94
20) Pyrene	19.749	202	221872	3.508	ng/ul	96
21) Benzo(a)anthracene	21.508	228	121843	2.668	ng/ul	99
22) Chrysene	21.564	228	120551	2.319	ng/ul	100
24) Benzo(b)fluoranthene	23.221	252	155679	3.521	ng/ul	83
26) Benzo(a)pyrene	23.853	252	32821	0.834	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.497	276	28760	0.557	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.511	278	12101	0.306	ng/ul	96
29) Benzo(g,h,i)perylene	27.289	276	1745	0.038	ng/ul#	51

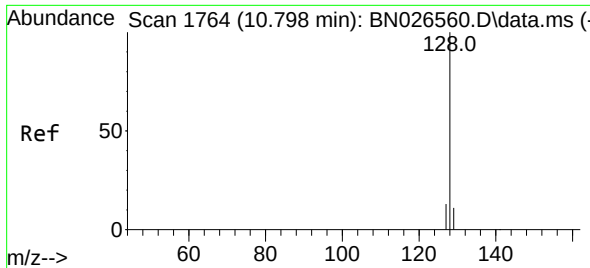
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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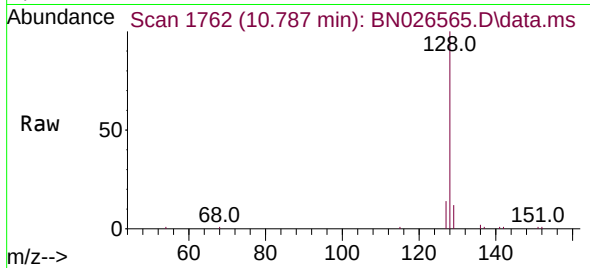
Quant Time: Jul 19 00:17:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration



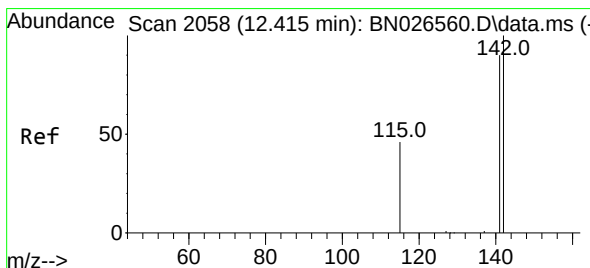
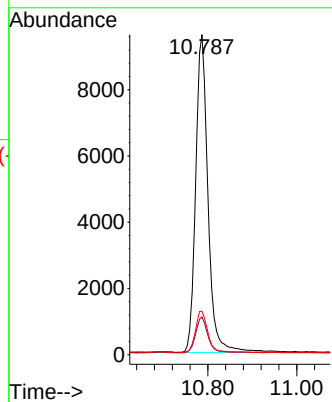
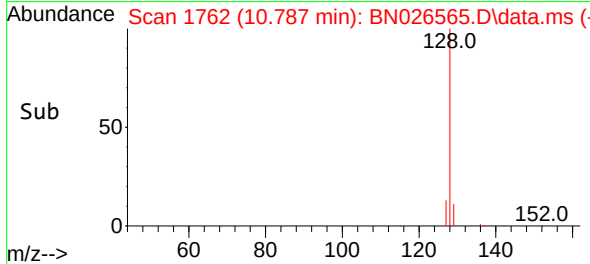


#5
Naphthalene
Concen: 0.960 ng/ul
RT: 10.787 min Scan# 1762
Delta R.T. -0.011 min
Lab File: BN026565.D
Acq: 18 Jul 2023 15:31

Instrument :
BNA_N
ClientSampleId :

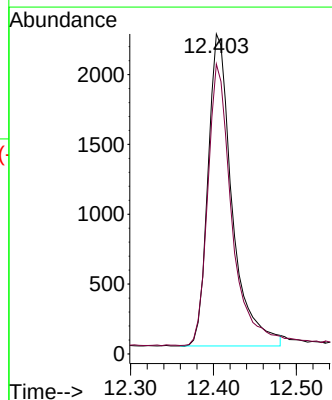
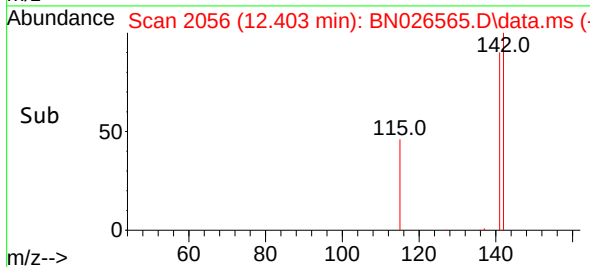
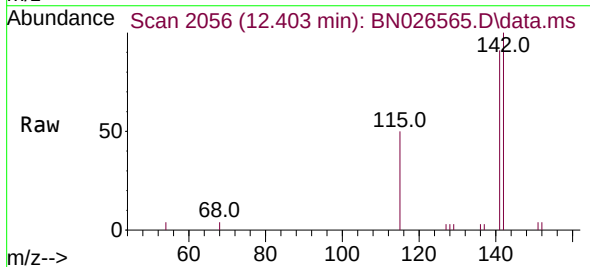


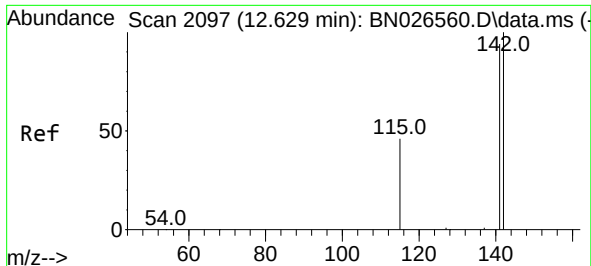
Tgt Ion:128 Resp: 18422
Ion Ratio Lower Upper
128 100
129 11.8 10.2 15.2
127 13.5 11.4 17.0



#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BN026565.D
Acq: 18 Jul 2023 15:31

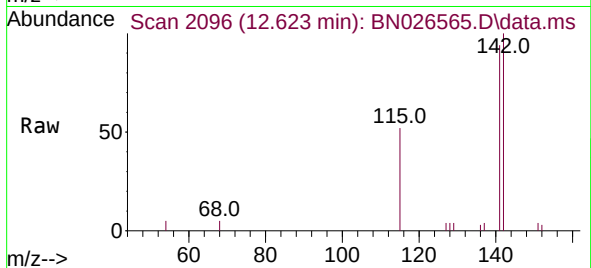
Tgt Ion:142 Resp: 4527
Ion Ratio Lower Upper
142 100
141 89.6 72.3 108.5



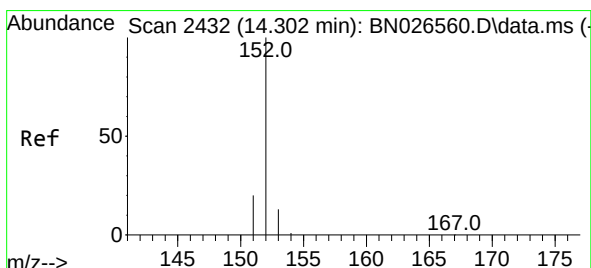
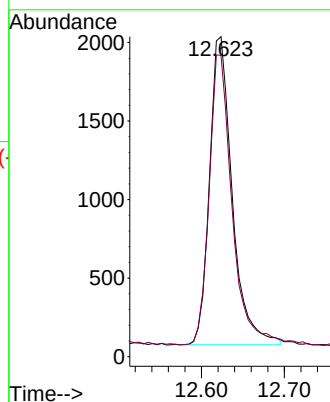
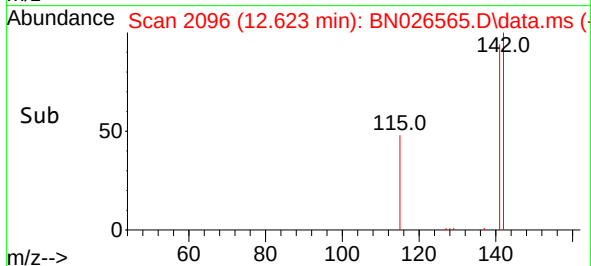


#8
1-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BN026565.D
Acq: 18 Jul 2023 15:31

Instrument :
BNA_N
ClientSampleId :

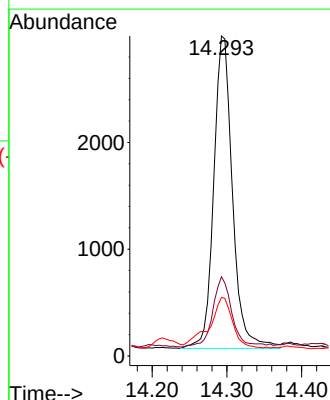
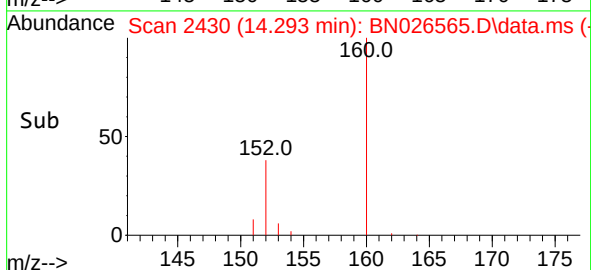
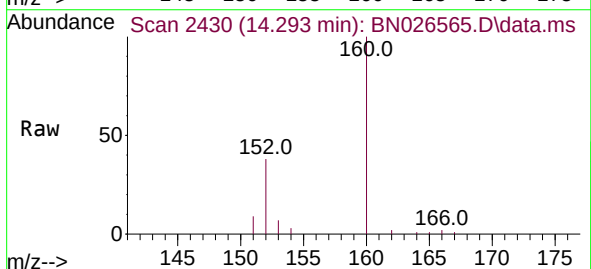


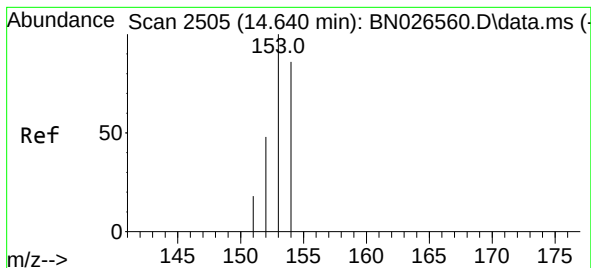
Tgt Ion:142 Resp: 3750
Ion Ratio Lower Upper
142 100
141 94.3 74.5 111.7



#10
Acenaphthylene
Concen: 0.225 ng/ul
RT: 14.293 min Scan# 2430
Delta R.T. -0.009 min
Lab File: BN026565.D
Acq: 18 Jul 2023 15:31

Tgt Ion:152 Resp: 5113
Ion Ratio Lower Upper
152 100
151 24.7 17.0 25.6
153 18.3 11.4 17.2#





#11

Acenaphthene

Concen: 0.832 ng/ul

RT: 14.635 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN026565.D

Acq: 18 Jul 2023 15:31

Instrument :

BNA_N

ClientSampleId :

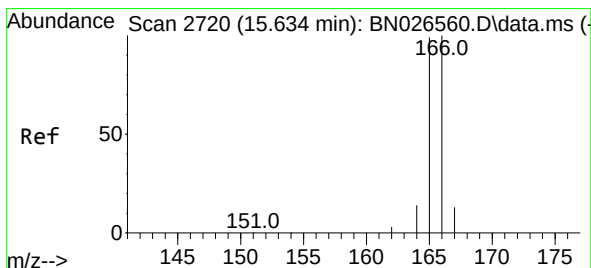
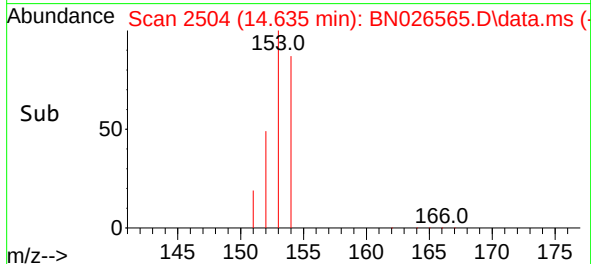
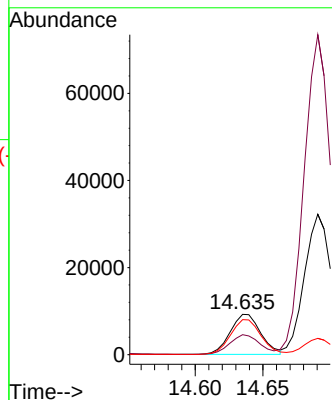
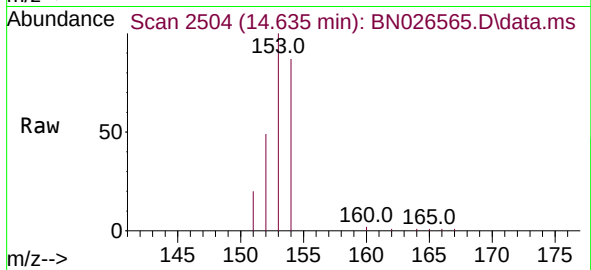
Tgt Ion:153 Resp: 14412

Ion Ratio Lower Upper

153 100

152 49.4 40.2 60.4

154 86.7 69.3 103.9



#12

Fluorene

Concen: 0.964 ng/ul

RT: 15.625 min Scan# 2718

Delta R.T. -0.009 min

Lab File: BN026565.D

Acq: 18 Jul 2023 15:31

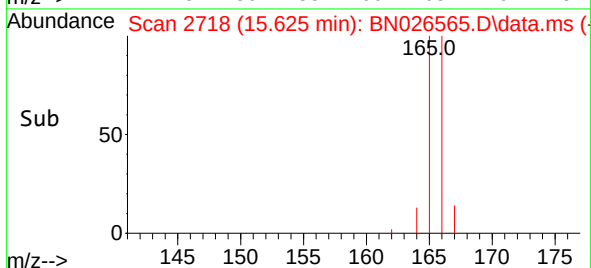
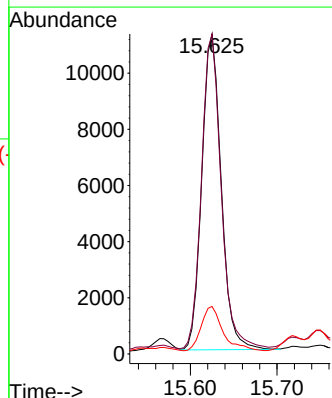
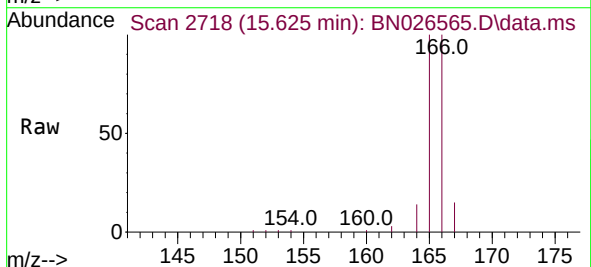
Tgt Ion:166 Resp: 17515

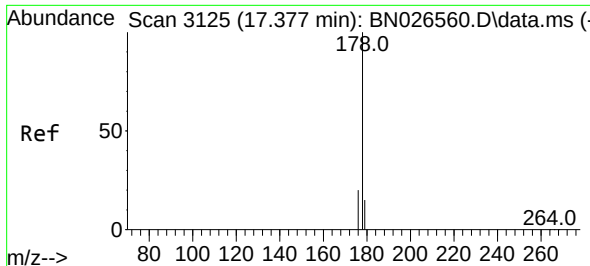
Ion Ratio Lower Upper

166 100

165 100.2 80.6 120.8

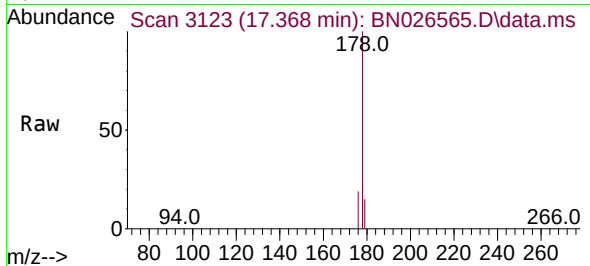
167 14.9 12.0 18.0



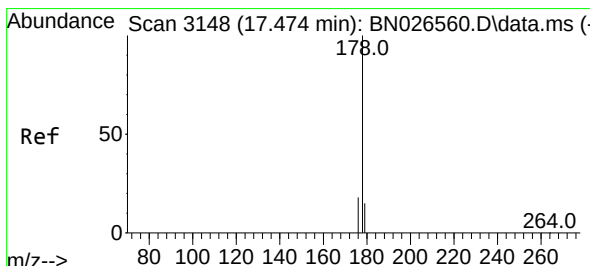
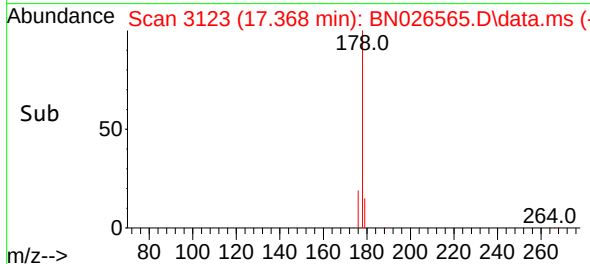
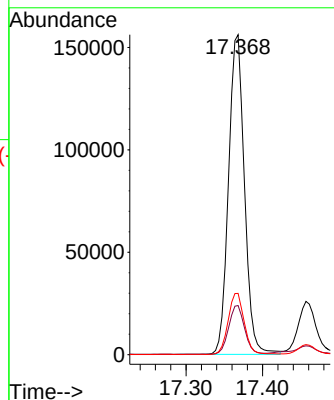


#15
Phenanthrene
Concen: 4.918 ng/ul
RT: 17.368 min Scan# 3123
Delta R.T. -0.009 min
Lab File: BN026565.D
Acq: 18 Jul 2023 15:31

Instrument :
BNA_N
ClientSampleId :

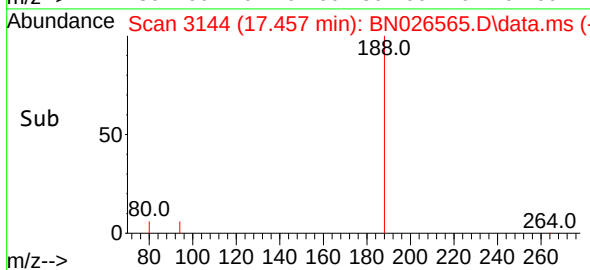
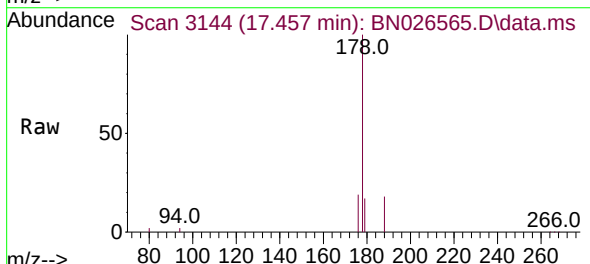
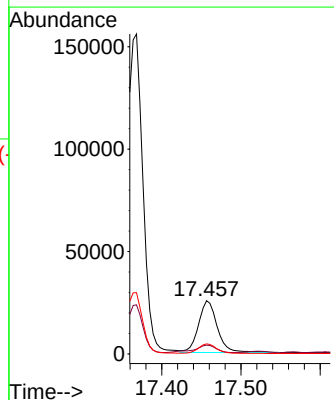


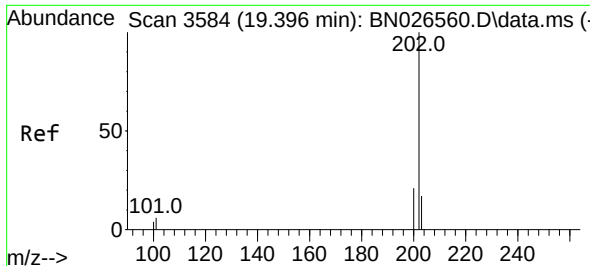
Tgt Ion:178 Resp: 225534
Ion Ratio Lower Upper
178 100
179 15.4 13.7 20.5
176 19.2 16.5 24.7



#16
Anthracene
Concen: 1.052 ng/ul
RT: 17.457 min Scan# 3144
Delta R.T. -0.017 min
Lab File: BN026565.D
Acq: 18 Jul 2023 15:31

Tgt Ion:178 Resp: 41867
Ion Ratio Lower Upper
178 100
179 16.6 14.8 22.2
176 18.9 16.6 25.0

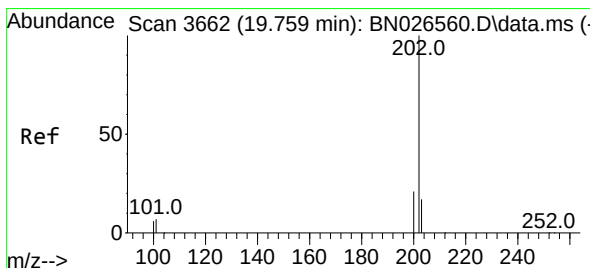
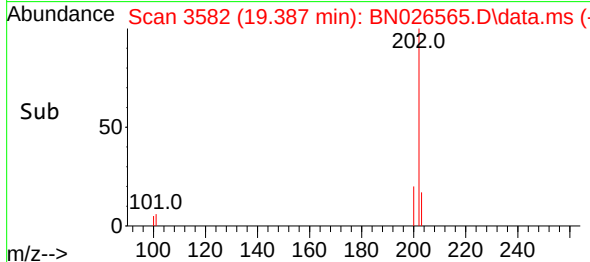
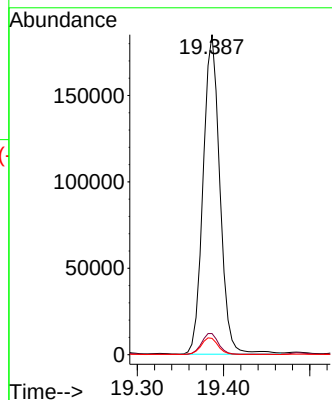
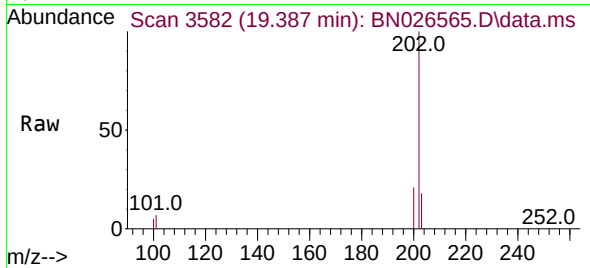




#19
Fluoranthene
Concen: 4.292 ng/ul
RT: 19.387 min Scan# 3582
Delta R.T. -0.009 min
Lab File: BN026565.D
Acq: 18 Jul 2023 15:31

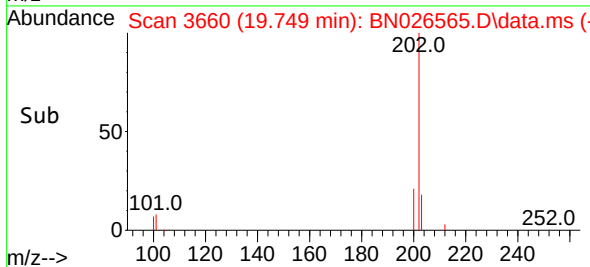
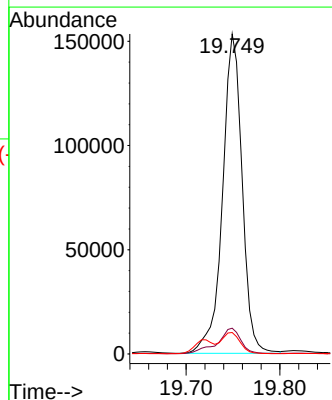
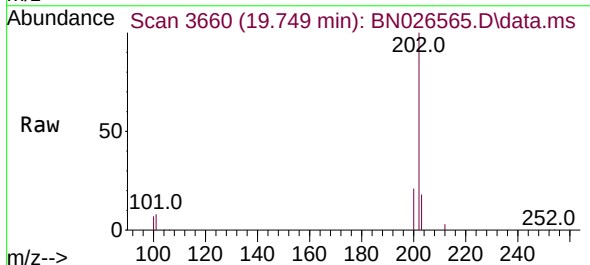
Instrument :
BNA_N
ClientSampleId :

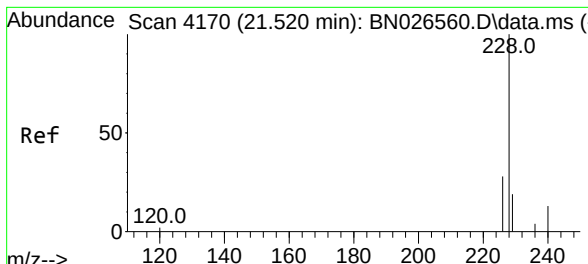
Tgt Ion:202 Resp: 249990
Ion Ratio Lower Upper
202 100
101 6.6 7.0 10.4#
100 5.1 6.0 9.0#



#20
Pyrene
Concen: 3.508 ng/ul
RT: 19.749 min Scan# 3660
Delta R.T. -0.009 min
Lab File: BN026565.D
Acq: 18 Jul 2023 15:31

Tgt Ion:202 Resp: 221872
Ion Ratio Lower Upper
202 100
101 8.1 8.0 12.0
100 6.7 6.2 9.2



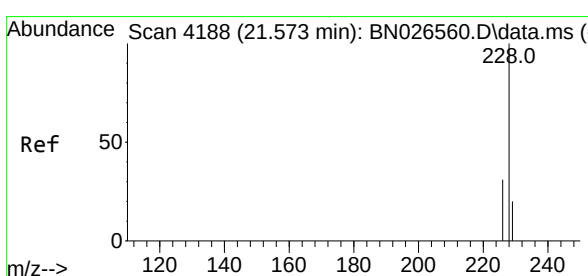
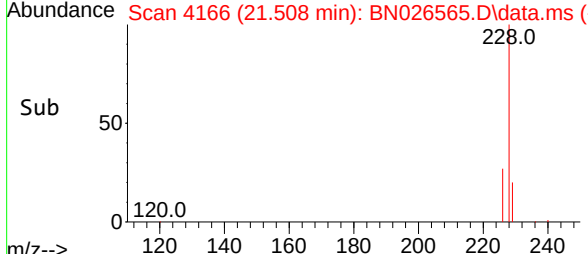
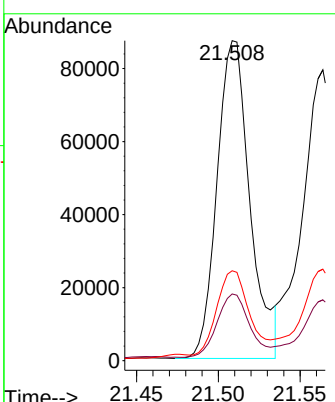
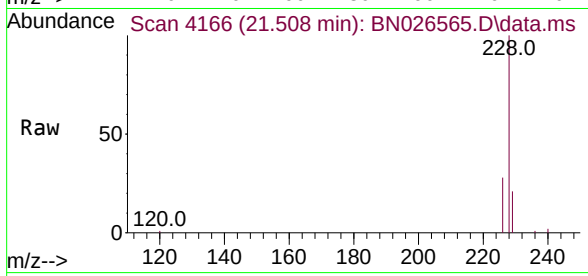


#21
 Benzo(a)anthracene
 Concen: 2.668 ng/ul
 RT: 21.508 min Scan# 4166
 Delta R.T. -0.012 min
 Lab File: BN026565.D
 Acq: 18 Jul 2023 15:31

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:228 Resp: 121843

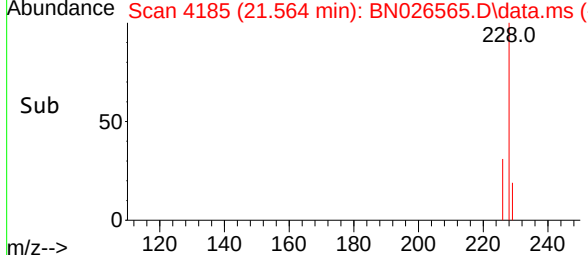
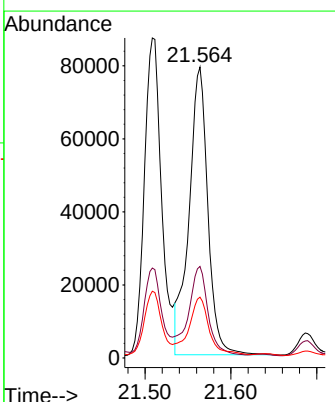
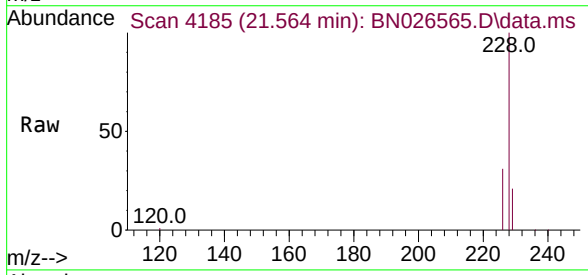
Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.7	25.1
226	28.1	23.5	35.3

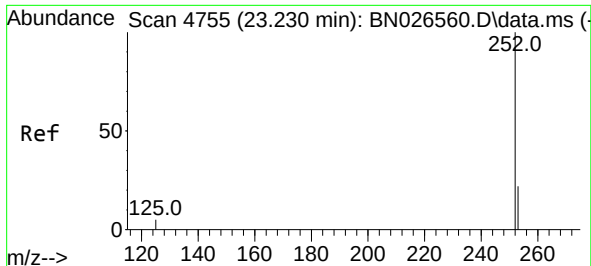


#22
 Chrysene
 Concen: 2.319 ng/ul
 RT: 21.564 min Scan# 4185
 Delta R.T. -0.009 min
 Lab File: BN026565.D
 Acq: 18 Jul 2023 15:31

Tgt Ion:228 Resp: 120551

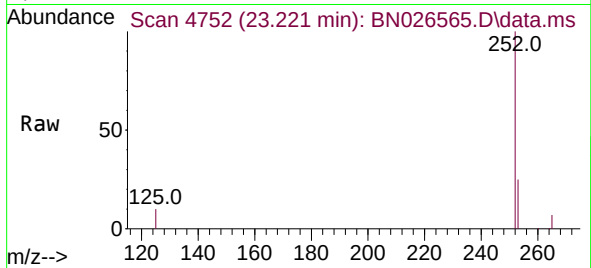
Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.2	37.8
229	20.9	16.4	24.6



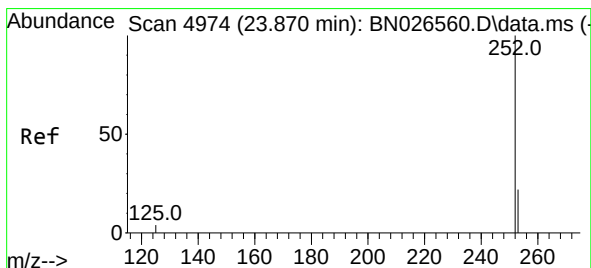
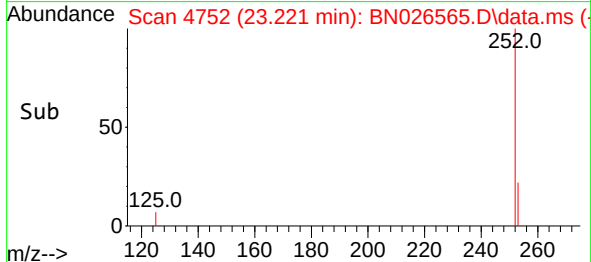
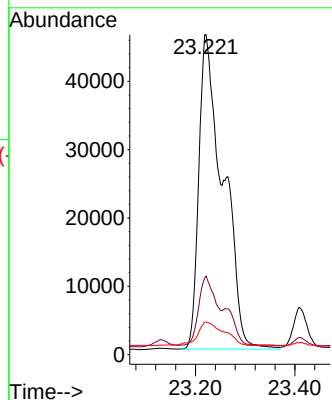


#24
Benzo(b)fluoranthene
Concen: 3.521 ng/ul
RT: 23.221 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026565.D
Acq: 18 Jul 2023 15:31

Instrument :
BNA_N
ClientSampleId :

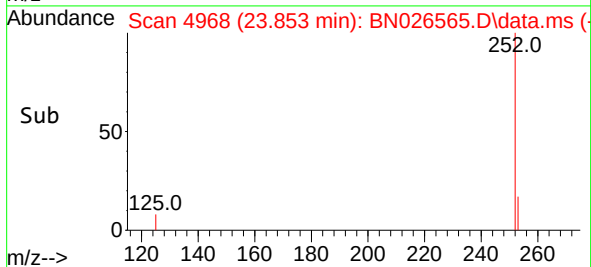
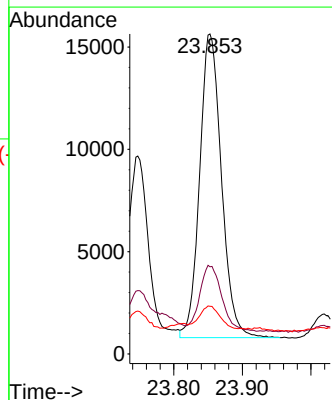
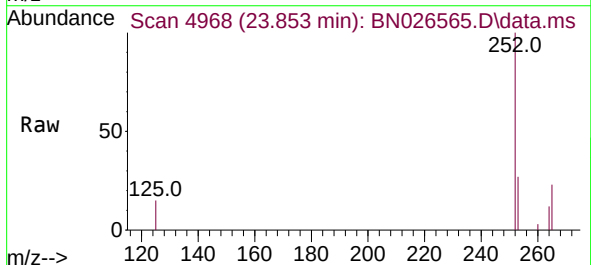


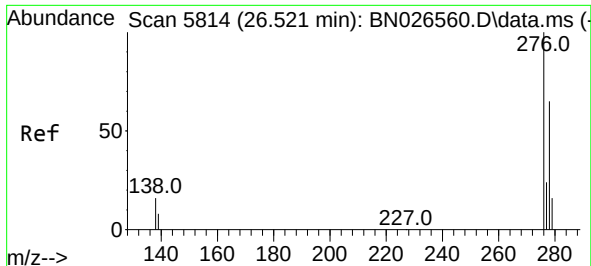
Tgt Ion:252 Resp: 155679
Ion Ratio Lower Upper
252 100
253 24.5 0.0 68.6
125 10.2 0.0 34.0



#26
Benzo(a)pyrene
Concen: 0.834 ng/ul
RT: 23.853 min Scan# 4968
Delta R.T. -0.018 min
Lab File: BN026565.D
Acq: 18 Jul 2023 15:31

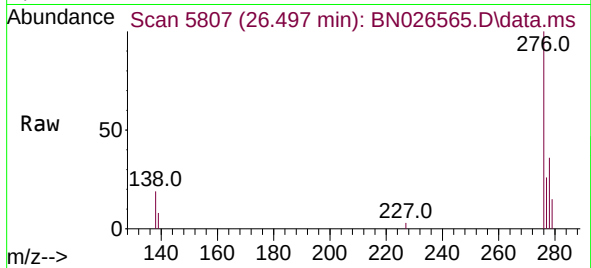
Tgt Ion:252 Resp: 32821
Ion Ratio Lower Upper
252 100
253 27.3 32.6 49.0#
125 14.9 19.3 28.9#



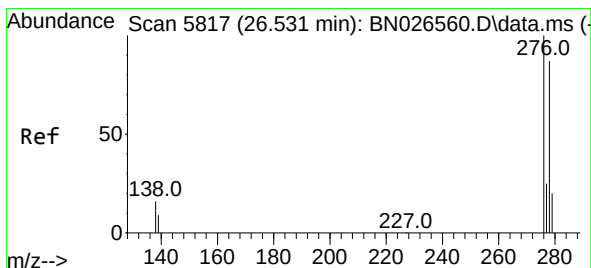
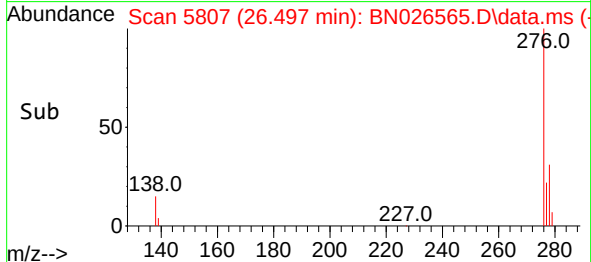
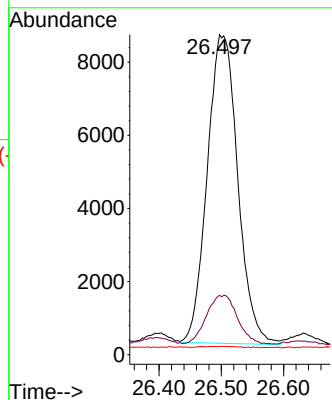


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.557 ng/ul
 RT: 26.497 min Scan# 5807
 Delta R.T. -0.024 min
 Lab File: BN026565.D
 Acq: 18 Jul 2023 15:31

Instrument :
 BNA_N
 ClientSampleId :

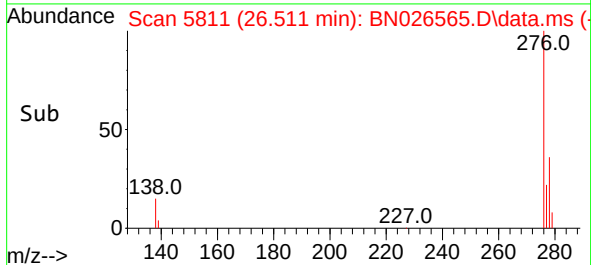
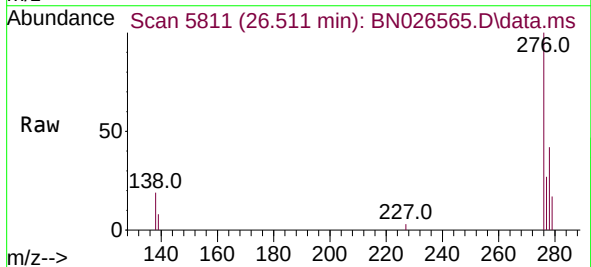
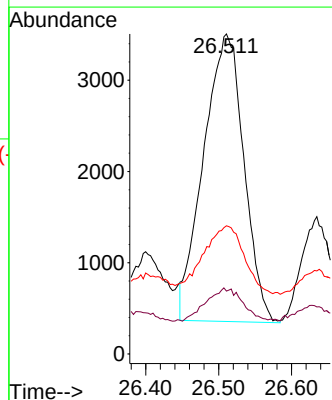


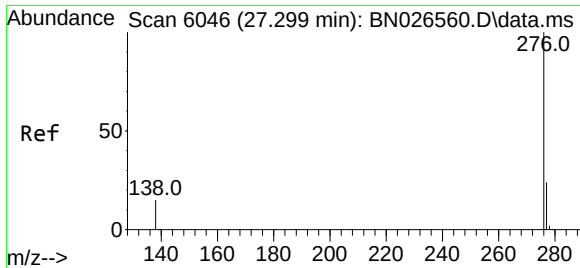
Tgt Ion:276 Resp: 28760
 Ion Ratio Lower Upper
 276 100
 138 15.9 22.2 33.4#
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.306 ng/ul
 RT: 26.511 min Scan# 5811
 Delta R.T. -0.020 min
 Lab File: BN026565.D
 Acq: 18 Jul 2023 15:31

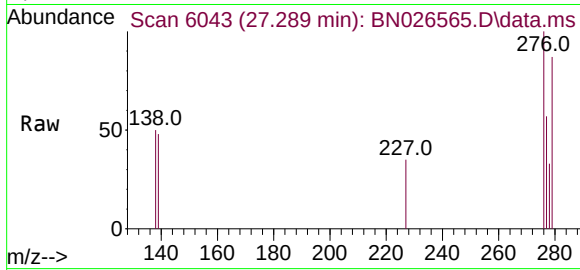
Tgt Ion:278 Resp: 12101
 Ion Ratio Lower Upper
 278 100
 139 19.6 18.9 28.3
 279 40.1 31.3 46.9





#29
 Benzo(g,h,i)perylene
 Concen: 0.038 ng/ul
 RT: 27.289 min Scan# 6043
 Delta R.T. -0.010 min
 Lab File: BN026565.D
 Acq: 18 Jul 2023 15:31

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 1745
 Ion Ratio Lower Upper
 276 100
 138 50.0 22.6 34.0#
 277 57.4 21.8 32.8#

