

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026566.D
 Acq On : 18 Jul 2023 16:08
 Operator : MA/JU
 Sample : 03458-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 19 00:17:25 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

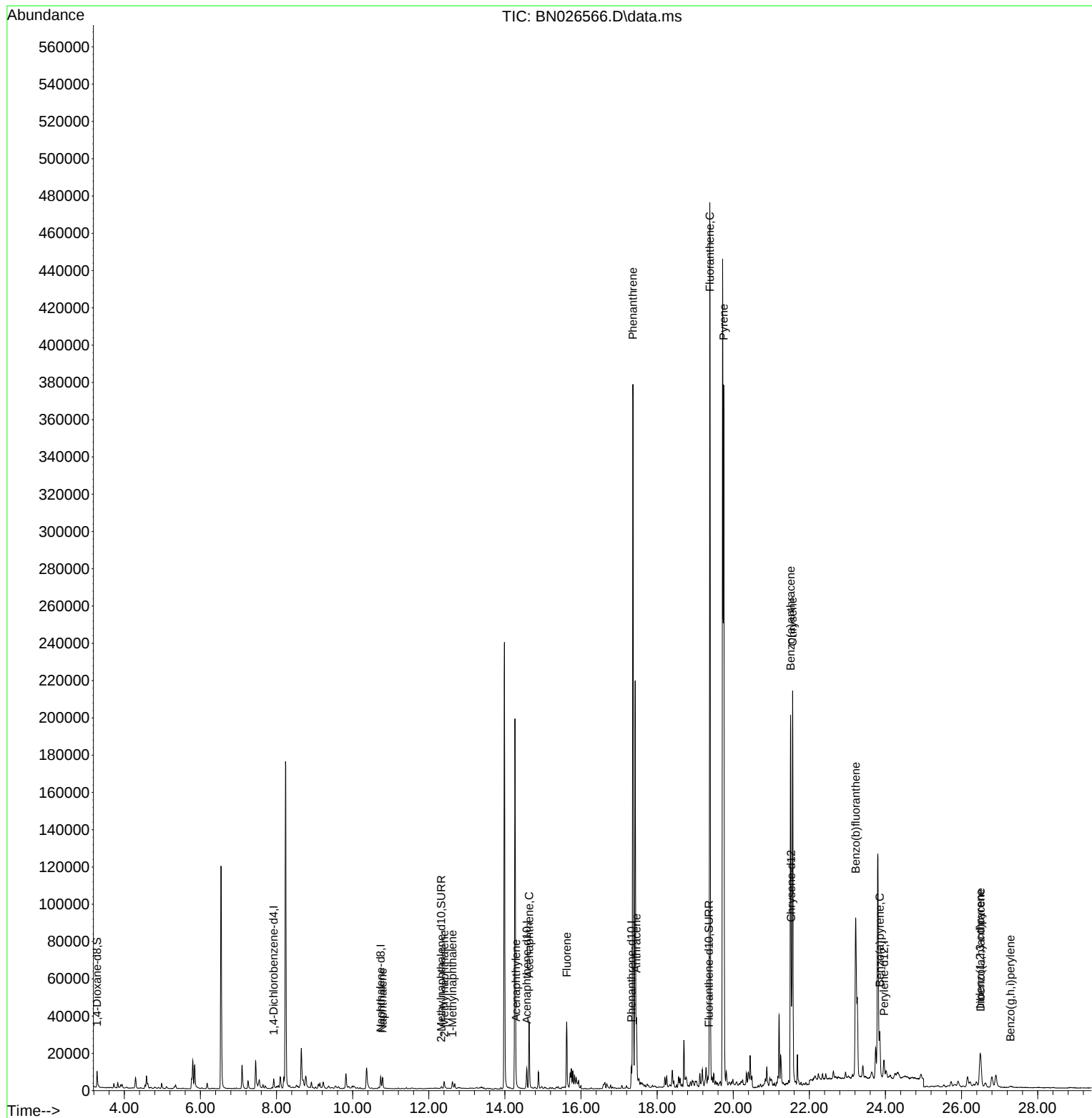
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	2975	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.736	136	9284	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.574	164	6209	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	14904	0.400	ng/ul	0.00
17) Chrysene-d12	21.522	240	14613	0.400	ng/ul	#-0.01
23) Perylene-d12	23.960	264	13189	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	6055	1.545	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.331	152	1701	0.135	ng/ul	-0.01
18) Fluoranthene-d10	19.358	212	5679	0.112	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.785	128	9093	0.357	ng/ul	100
7) 2-Methylnaphthalene	12.408	142	3174	0.219	ng/ul	99
8) 1-Methylnaphthalene	12.622	142	2712	0.175	ng/ul	98
10) Acenaphthylene	14.292	152	1878	0.062	ng/ul#	69
11) Acenaphthene	14.635	153	22634	0.977	ng/ul	99
12) Fluorene	15.625	166	23782	0.979	ng/ul	99
15) Phenanthrene	17.363	178	404728	8.527	ng/ul	97
16) Anthracene	17.456	178	39870	0.968	ng/ul	97
19) Fluoranthene	19.386	202	416854	6.086	ng/ul#	96
20) Pyrene	19.748	202	362339	4.871	ng/ul	97
21) Benzo(a)anthracene	21.508	228	175361	3.266	ng/ul	98
22) Chrysene	21.560	228	204402	3.344	ng/ul	99
24) Benzo(b)fluoranthene	23.218	252	208321	4.054	ng/ul	85
26) Benzo(a)pyrene	23.849	252	37380	0.817	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.490	276	32093	0.535	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.503	278	13587	0.295	ng/ul#	95
29) Benzo(g,h,i)perylene	27.285	276	1970	0.037	ng/ul#	61

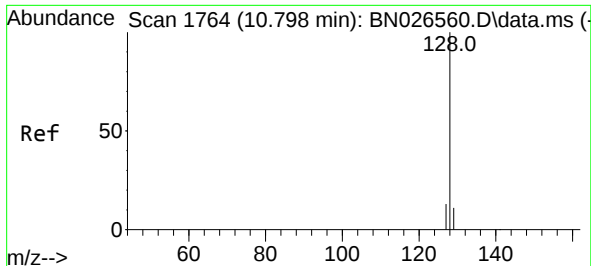
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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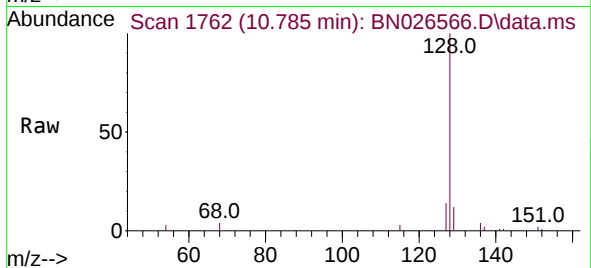
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration



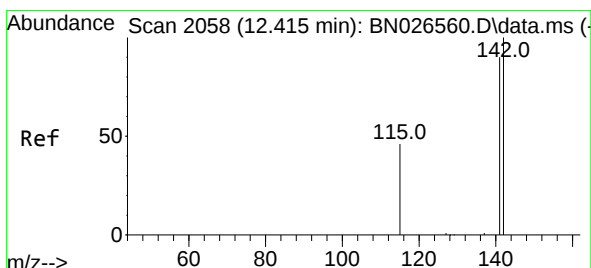
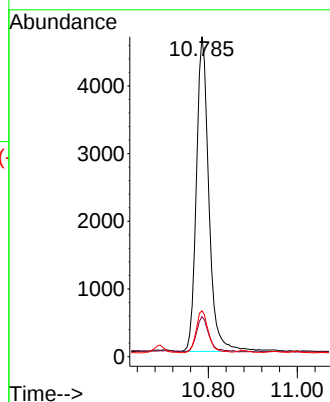
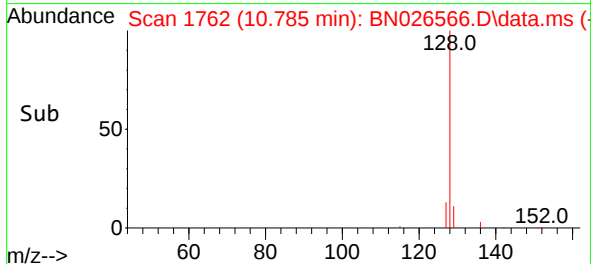


#5
Naphthalene
Concen: 0.357 ng/ul
RT: 10.785 min Scan# 1762
Delta R.T. -0.012 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

Instrument :
BNA_N
ClientSampleId :

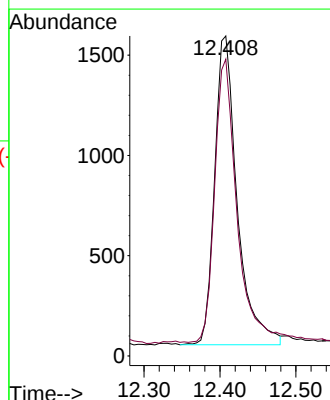
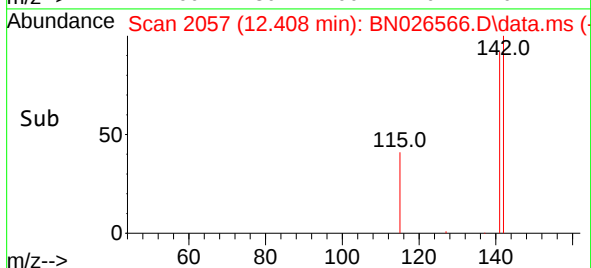
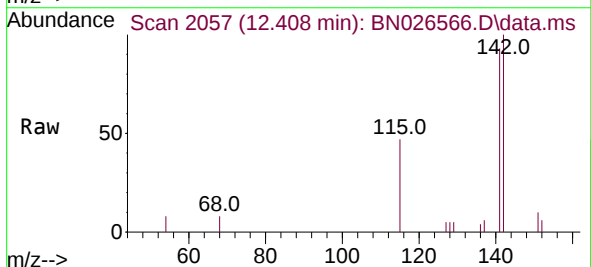


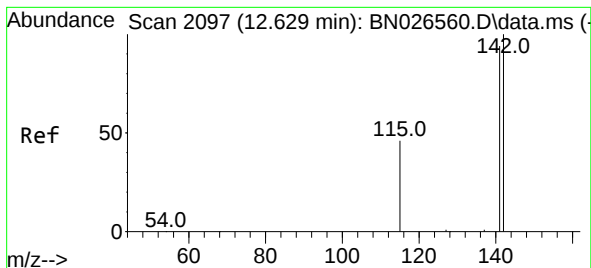
Tgt Ion:128 Resp: 9093
Ion Ratio Lower Upper
128 100
129 12.5 10.2 15.2
127 14.3 11.4 17.0



#7
2-Methylnaphthalene
Concen: 0.219 ng/ul
RT: 12.408 min Scan# 2057
Delta R.T. -0.007 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

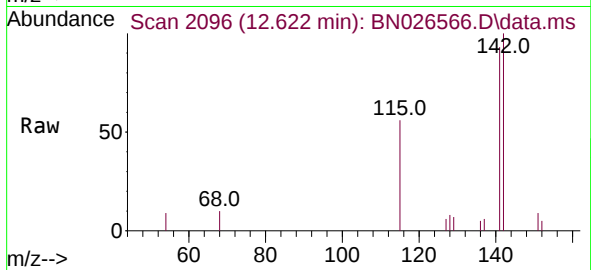
Tgt Ion:142 Resp: 3174
Ion Ratio Lower Upper
142 100
141 89.9 72.3 108.5



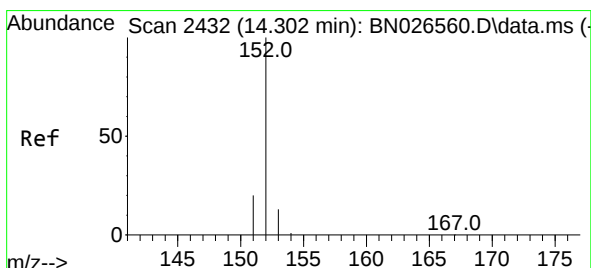
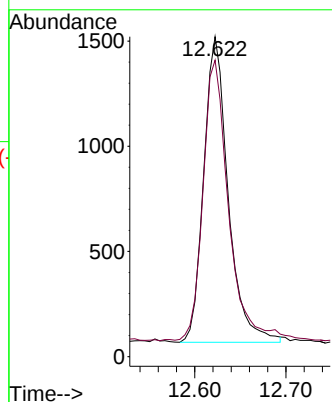
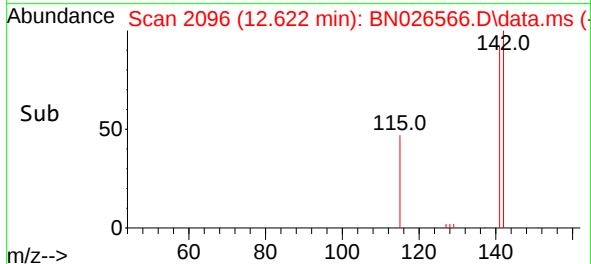


#8
1-Methylnaphthalene
Concen: 0.175 ng/ul
RT: 12.622 min Scan# 2096
Delta R.T. -0.007 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

Instrument :
BNA_N
ClientSampleId :

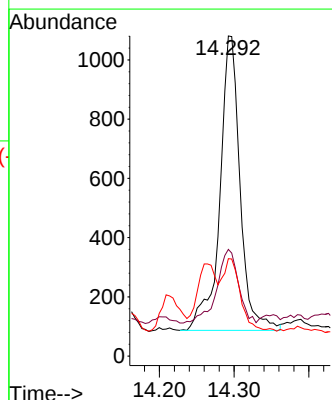
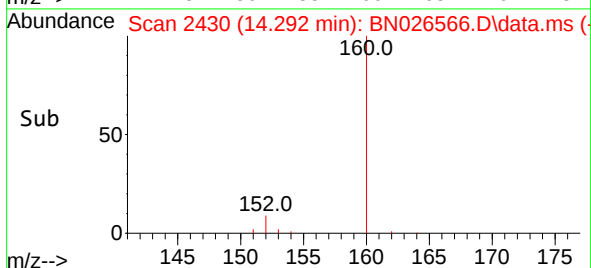
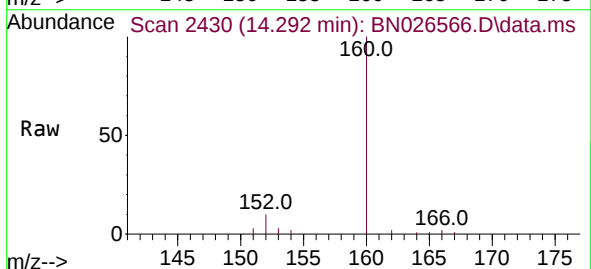


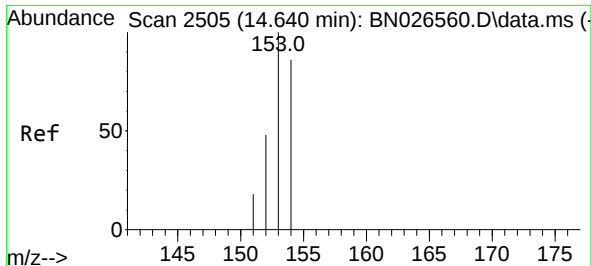
Tgt Ion:142 Resp: 2712
Ion Ratio Lower Upper
142 100
141 95.2 74.5 111.7



#10
Acenaphthylene
Concen: 0.062 ng/ul
RT: 14.292 min Scan# 2430
Delta R.T. -0.010 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

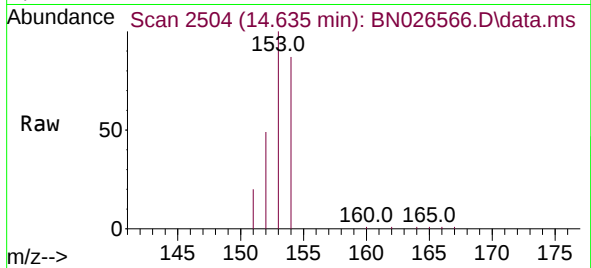
Tgt Ion:152 Resp: 1878
Ion Ratio Lower Upper
152 100
151 33.3 17.0 25.6#
153 30.4 11.4 17.2#



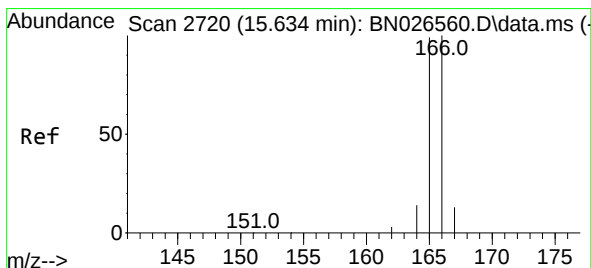
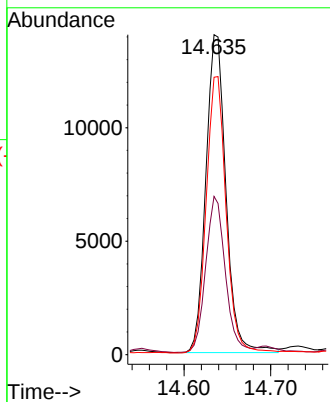
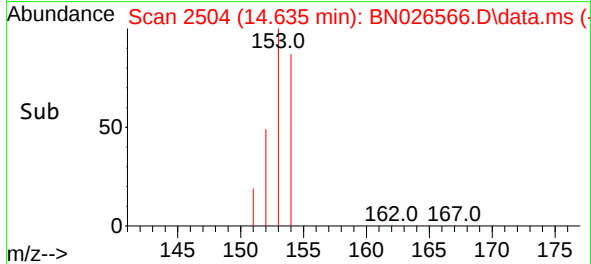


#11
Acenaphthene
Concen: 0.977 ng/ul
RT: 14.635 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

Instrument :
BNA_N
ClientSampleId :

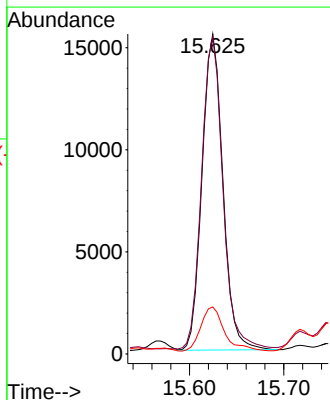
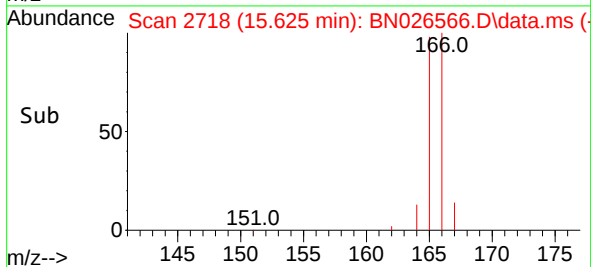
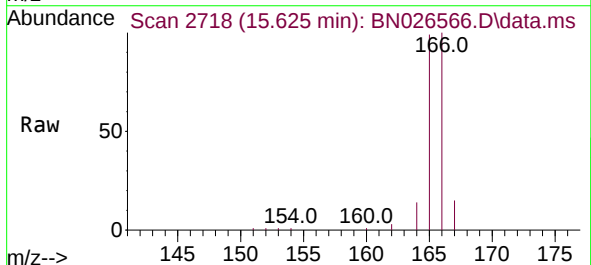


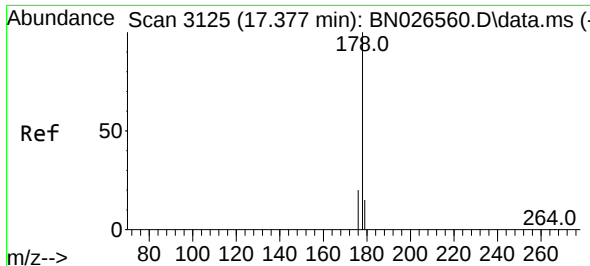
Tgt Ion:153 Resp: 22634
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 86.7 69.3 103.9



#12
Fluorene
Concen: 0.979 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. -0.010 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

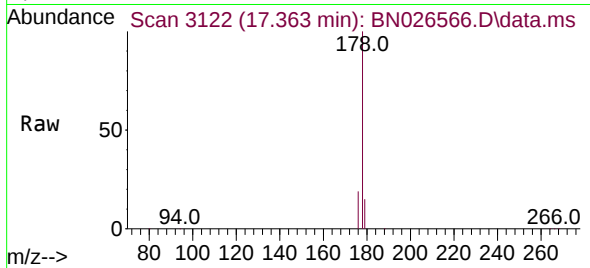
Tgt Ion:166 Resp: 23782
Ion Ratio Lower Upper
166 100
165 99.1 80.6 120.8
167 14.7 12.0 18.0



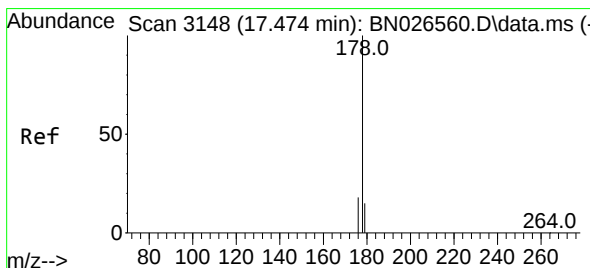
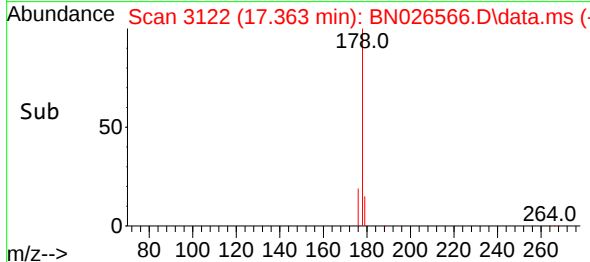
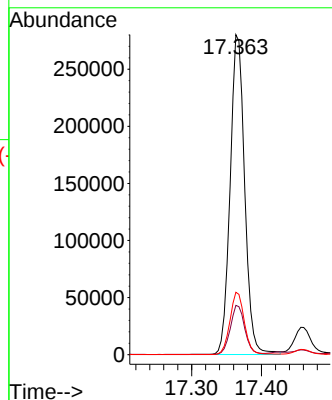


#15
Phenanthrene
Concen: 8.527 ng/u1
RT: 17.363 min Scan# 3122
Delta R.T. -0.013 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

Instrument :
BNA_N
ClientSampleId :

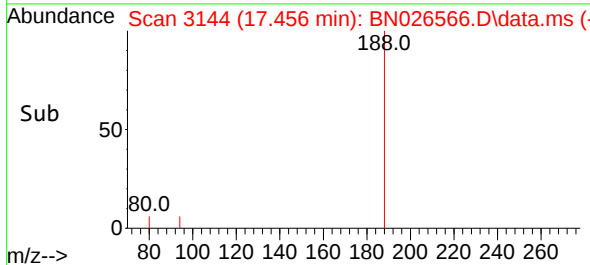
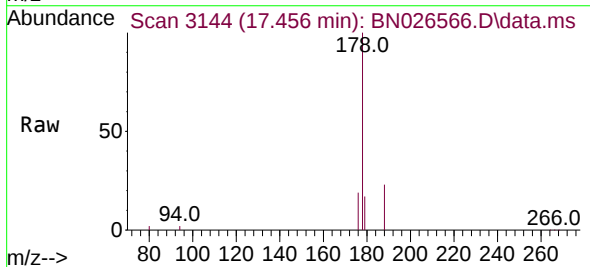
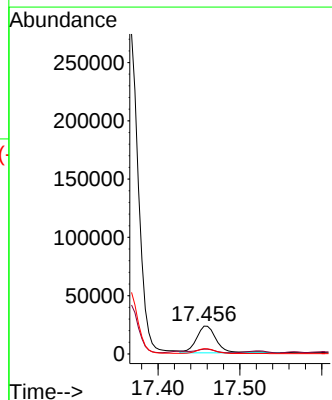


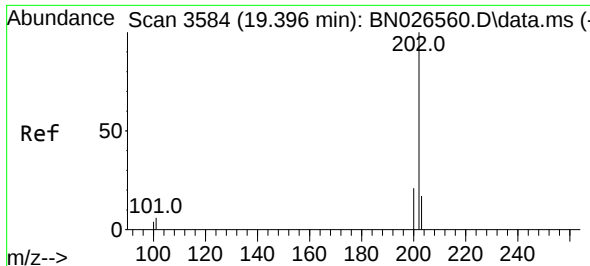
Tgt Ion:178 Resp: 404728
Ion Ratio Lower Upper
178 100
179 15.4 13.7 20.5
176 19.5 16.5 24.7



#16
Anthracene
Concen: 0.968 ng/u1
RT: 17.456 min Scan# 3144
Delta R.T. -0.017 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

Tgt Ion:178 Resp: 39870
Ion Ratio Lower Upper
178 100
179 17.4 14.8 22.2
176 19.1 16.6 25.0

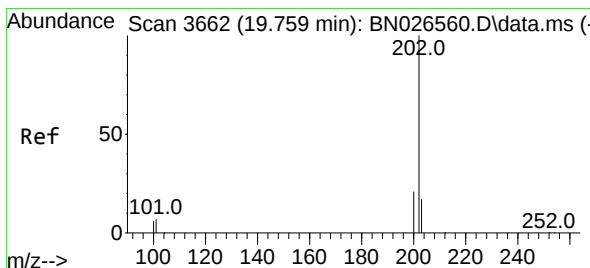
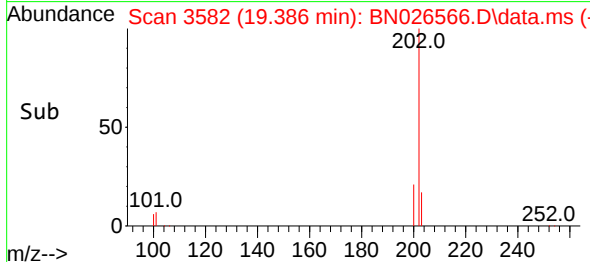
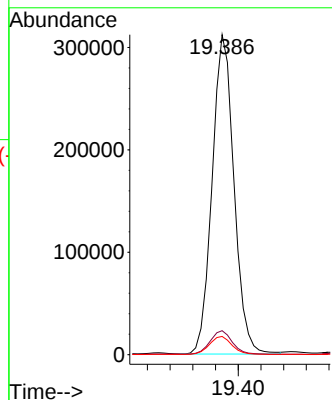
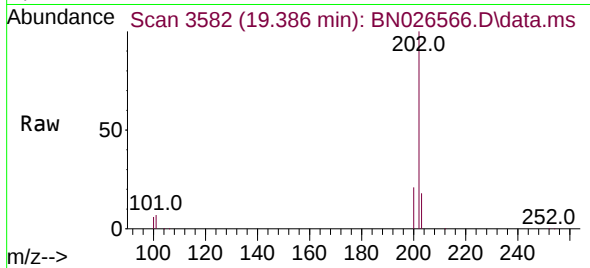




#19
Fluoranthene
Concen: 6.086 ng/u1
RT: 19.386 min Scan# 3584
Delta R.T. -0.010 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

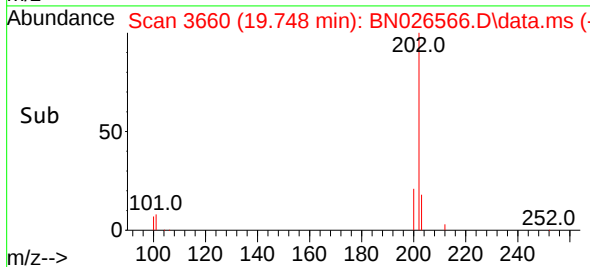
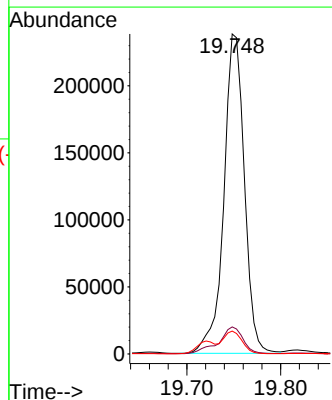
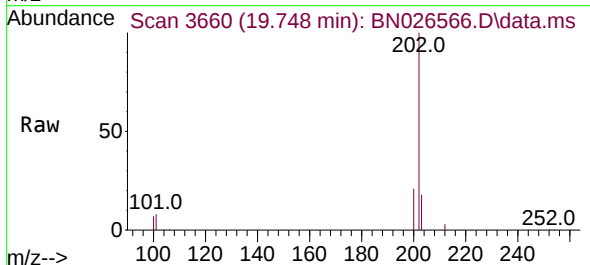
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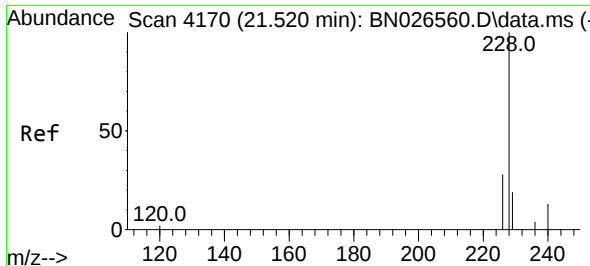
Tgt Ion:202 Resp: 416854
Ion Ratio Lower Upper
202 100
101 7.5 7.0 10.4
100 5.7 6.0 9.0#



#20
Pyrene
Concen: 4.871 ng/u1
RT: 19.748 min Scan# 3660
Delta R.T. -0.010 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

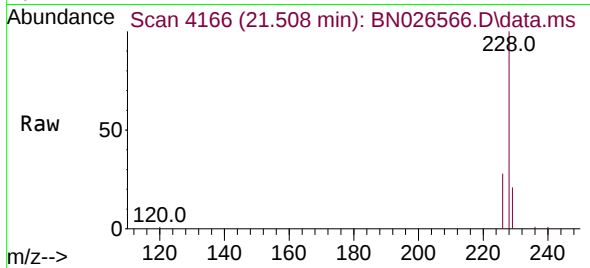
Tgt Ion:202 Resp: 362339
Ion Ratio Lower Upper
202 100
101 8.4 8.0 12.0
100 7.2 6.2 9.2



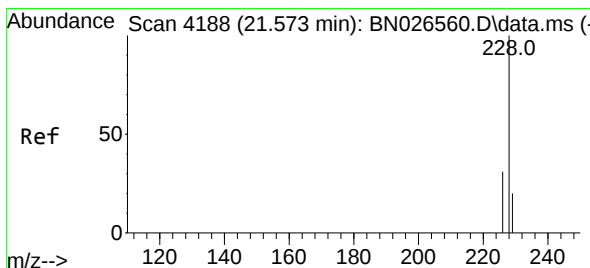
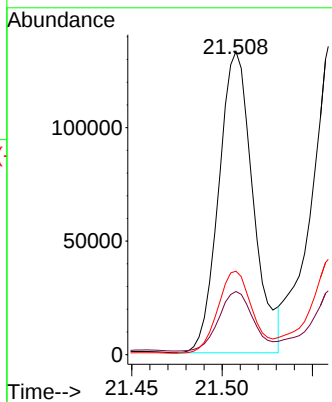
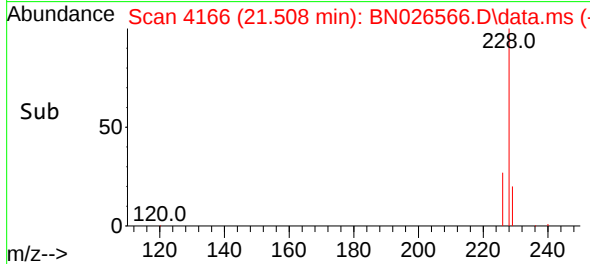


#21
Benzo(a)anthracene
Concen: 3.266 ng/ul
RT: 21.508 min Scan# 4166
Delta R.T. -0.013 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

Instrument :
BNA_N
ClientSampleId :

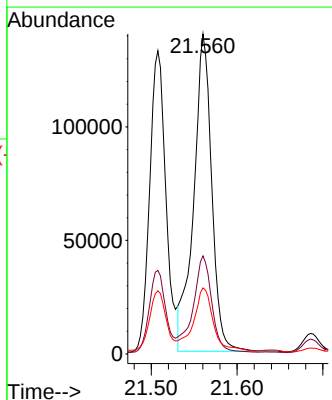
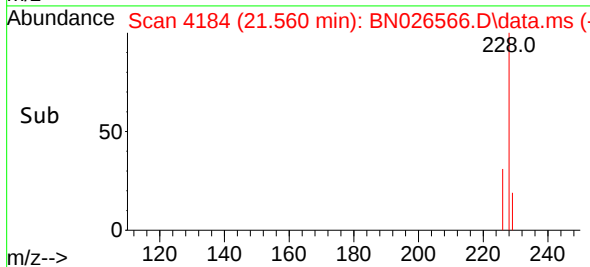
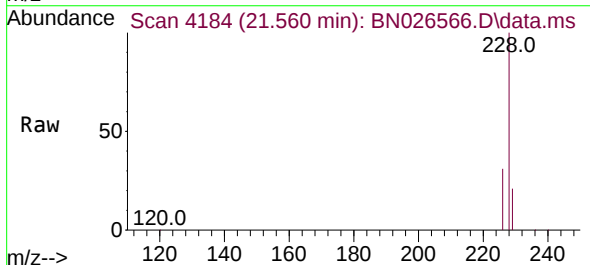


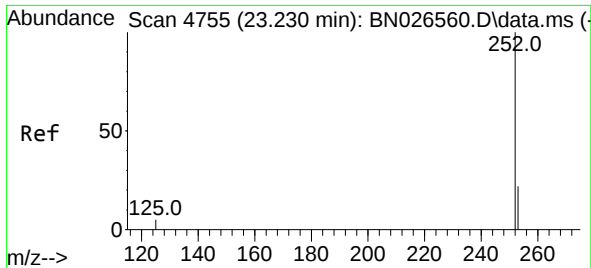
Tgt Ion:228 Resp: 175361
Ion Ratio Lower Upper
228 100
229 20.8 16.7 25.1
226 27.5 23.5 35.3



#22
Chrysene
Concen: 3.344 ng/ul
RT: 21.560 min Scan# 4184
Delta R.T. -0.013 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

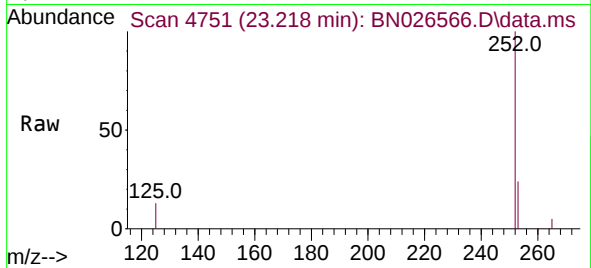
Tgt Ion:228 Resp: 204402
Ion Ratio Lower Upper
228 100
226 30.7 25.2 37.8
229 20.6 16.4 24.6



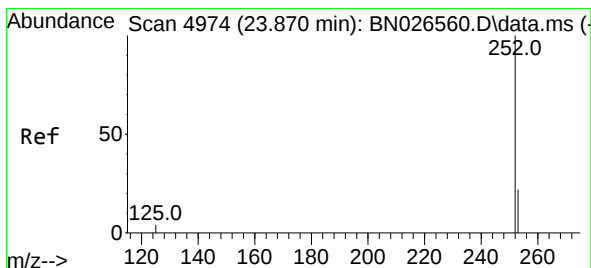
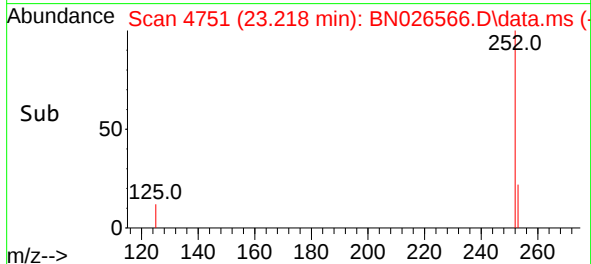
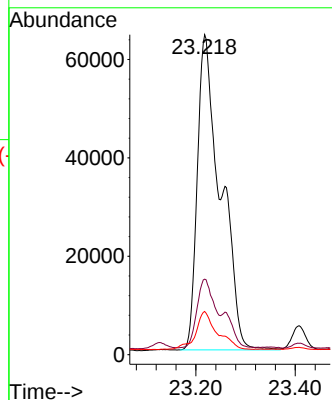


#24
Benzo(b)fluoranthene
Concen: 4.054 ng/ul
RT: 23.218 min Scan# 41
Delta R.T. -0.013 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

Instrument :
BNA_N
ClientSampleId :

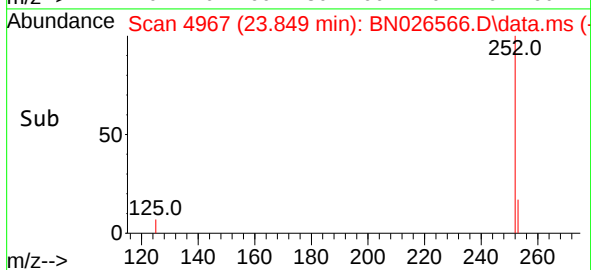
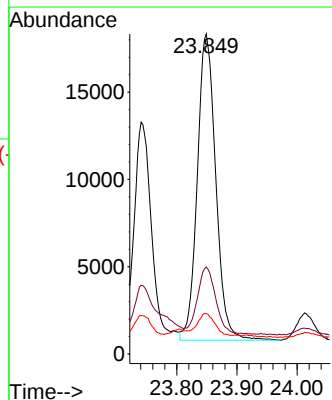
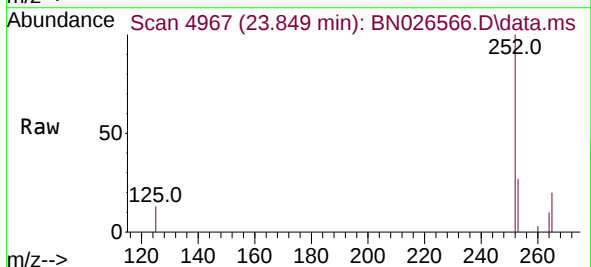


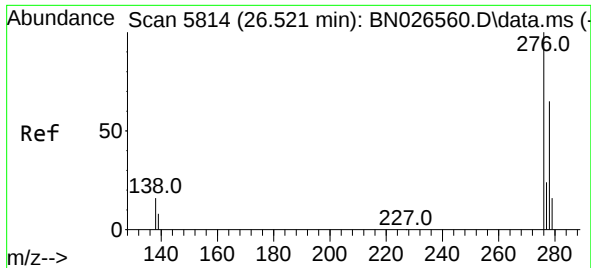
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Ion Ratio Lower Upper
252 100
253 23.6 0.0 68.6
125 13.5 0.0 34.0



#26
Benzo(a)pyrene
Concen: 0.817 ng/ul
RT: 23.849 min Scan# 4967
Delta R.T. -0.021 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

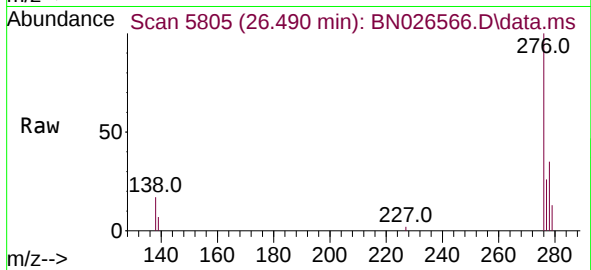
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Ion Ratio Lower Upper
252 100
253 27.2 32.6 49.0#
125 12.6 19.3 28.9#



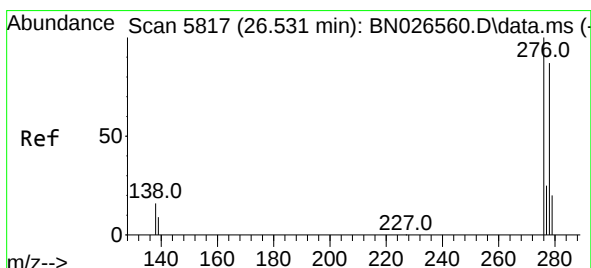
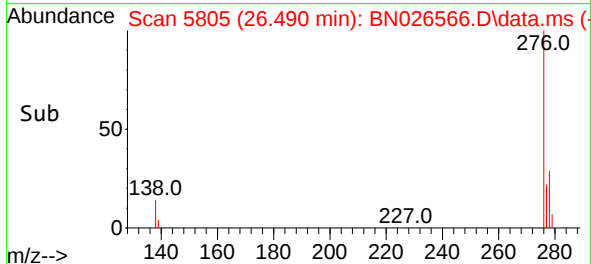
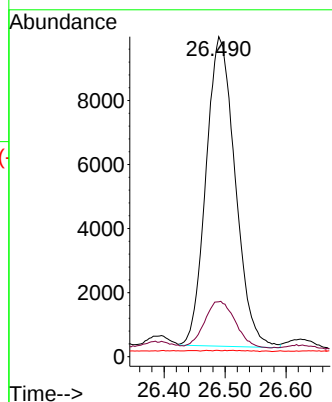


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.535 ng/ul
 RT: 26.490 min Scan# 5805
 Delta R.T. -0.031 min
 Lab File: BN026566.D
 Acq: 18 Jul 2023 16:08

Instrument :
 BNA_N
 ClientSampleId :

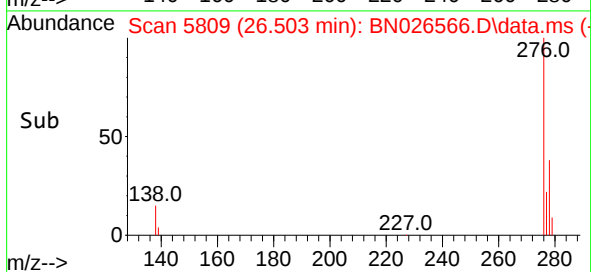
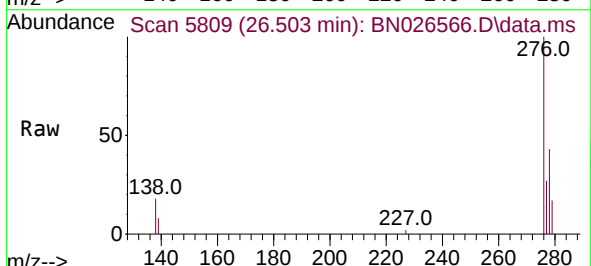
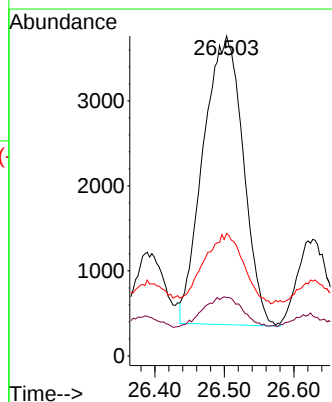


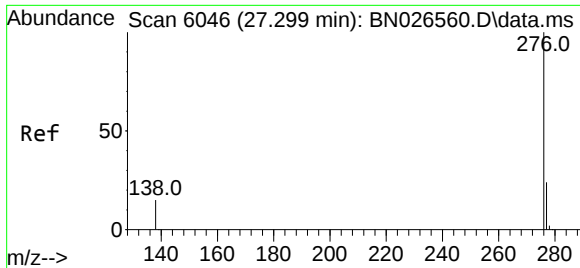
Tgt Ion:276 Resp: 32093
 Ion Ratio Lower Upper
 276 100
 138 16.1 22.2 33.4#
 227 0.1 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.295 ng/ul
 RT: 26.503 min Scan# 5809
 Delta R.T. -0.028 min
 Lab File: BN026566.D
 Acq: 18 Jul 2023 16:08

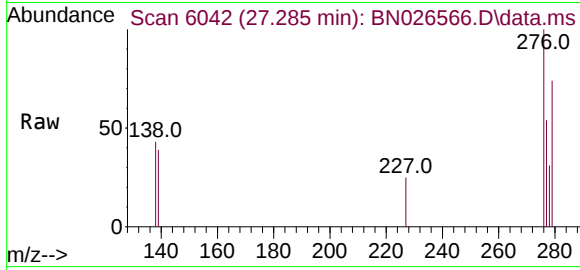
Tgt Ion:278 Resp: 13587
 Ion Ratio Lower Upper
 278 100
 139 18.2 18.9 28.3#
 279 38.3 31.3 46.9





#29
 Benzo(g,h,i)perylene
 Concen: 0.037 ng/ul
 RT: 27.285 min Scan# 6042
 Delta R.T. -0.014 min
 Lab File: BN026566.D
 Acq: 18 Jul 2023 16:08

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 276 Resp: 1970

Ion	Ratio	Lower	Upper
276	100		
138	42.7	22.6	34.0#
277	54.1	21.8	32.8#

