

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026267.D
 Acq On : 04 Jul 2023 18:03
 Operator : MA/JU
 Sample : 03247-12DL 5X
 Misc :
 ALS Vial : 125 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 05 00:07:52 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 : Wed Jul 05 00:03:30 2023
 Response via : Initial Calibration

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

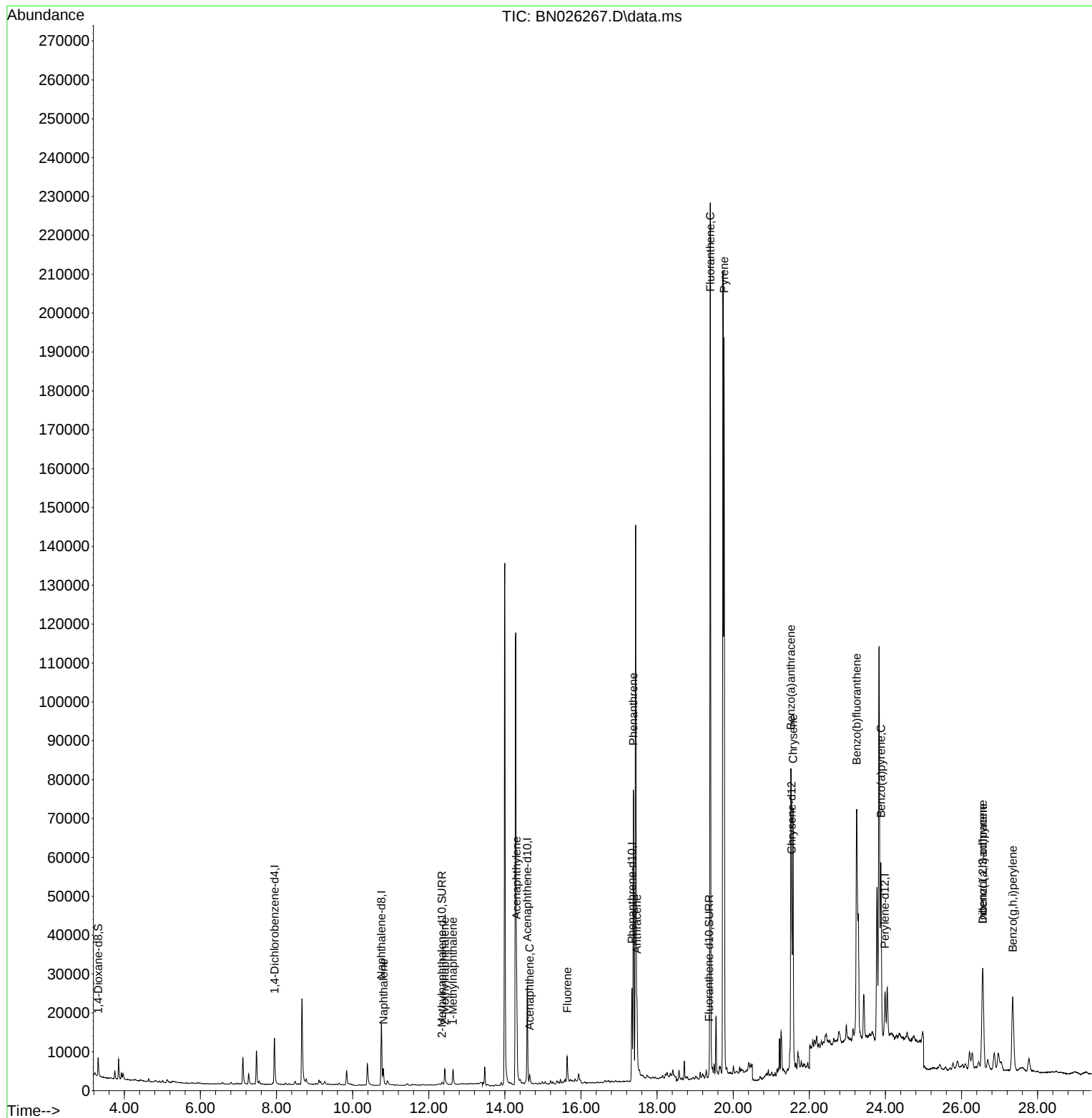
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	7626	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	24757	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.590	164	14784	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.339	188	30063	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	17375	0.400	ng/ul	0.00
23) Perylene-d12	23.988	264	17908	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	3611	0.420	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	1092	0.029	ng/ul	0.00
18) Fluoranthene-d10	19.369	212	2237	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	6222	0.088	ng/ul#	95
7) 2-Methylnaphthalene	12.420	142	3572	0.079	ng/ul	99
8) 1-Methylnaphthalene	12.634	142	3204	0.068	ng/ul	100
10) Acenaphthylene	14.307	152	27919	0.403	ng/ul	98
11) Acenaphthene	14.650	153	1404	0.025	ng/ul#	90
12) Fluorene	15.640	166	4721	0.073	ng/ul#	94
15) Phenanthrene	17.377	178	83779	0.844	ng/ul	100
16) Anthracene	17.470	178	19565	0.222	ng/ul	94
19) Fluoranthene	19.397	202	203021	2.188	ng/ul	98
20) Pyrene	19.759	202	157212	1.629	ng/ul	97
21) Benzo(a)anthracene	21.515	228	69568	0.971	ng/ul	96
22) Chrysene	21.571	228	74008	0.992	ng/ul#	94
24) Benzo(b)fluoranthene	23.246	252	147680	1.932	ng/ul	96
26) Benzo(a)pyrene	23.880	252	65131	0.981	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.558	276	50256	0.693	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.558	278	12521	0.228	ng/ul#	69
29) Benzo(g,h,i)perylene	27.347	276	46795	0.725	ng/ul	95

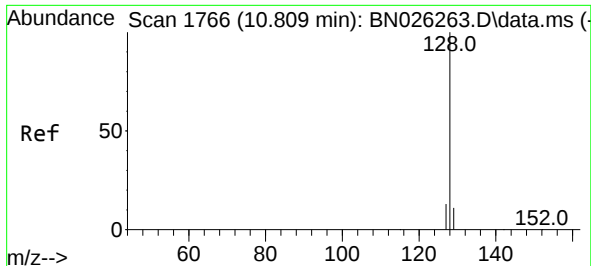
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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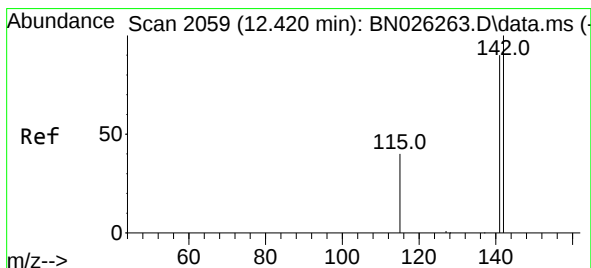
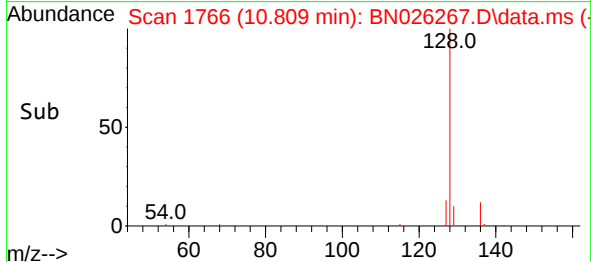
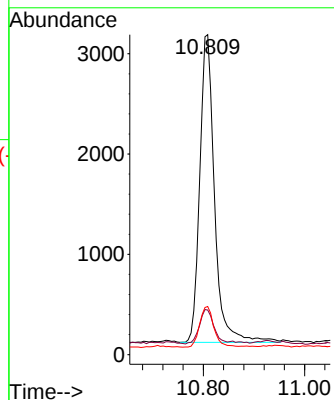
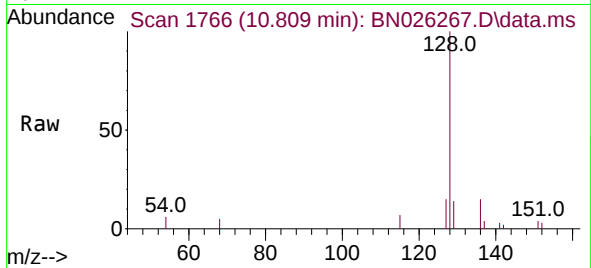




#5
Naphthalene
Concen: 0.088 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BN026267.D
Acq: 04 Jul 2023 18:03

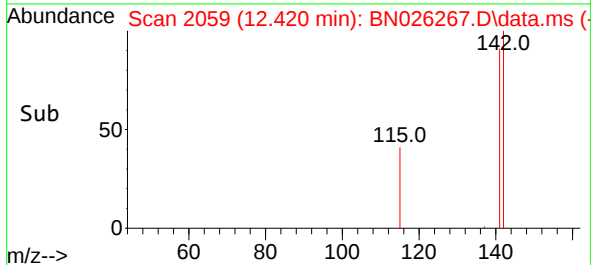
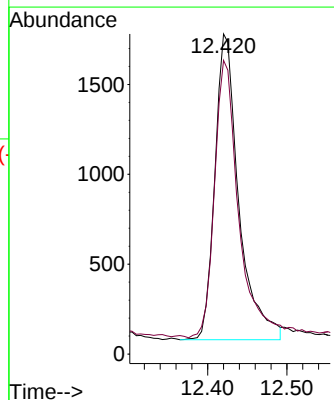
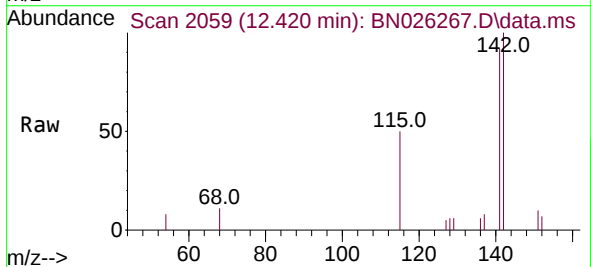
Instrument :
BNA_N
ClientSampleId :

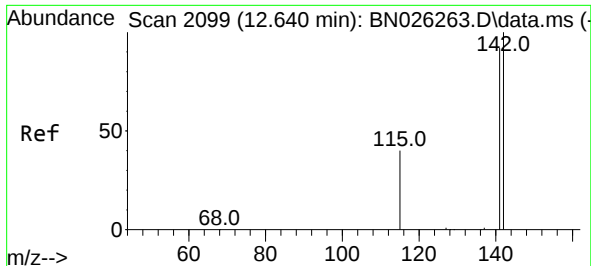
Tgt Ion:128 Resp: 6222
Ion Ratio Lower Upper
128 100
129 13.9 9.1 13.7#
127 15.0 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BN026267.D
Acq: 04 Jul 2023 18:03

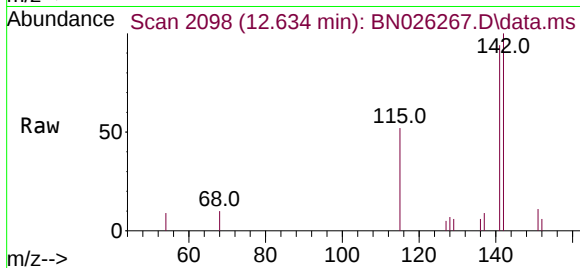
Tgt Ion:142 Resp: 3572
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9



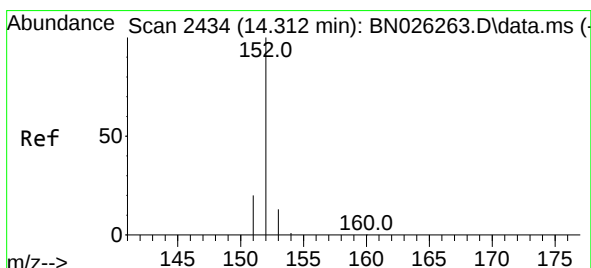
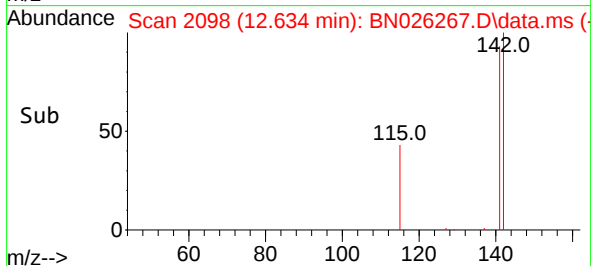
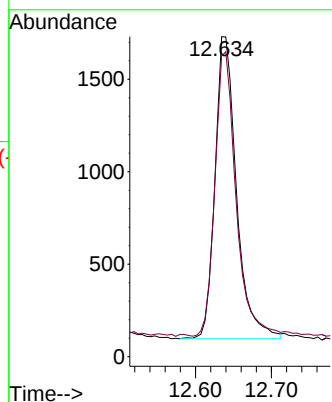


#8
1-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN026267.D
Acq: 04 Jul 2023 18:03

Instrument :
BNA_N
ClientSampleId :

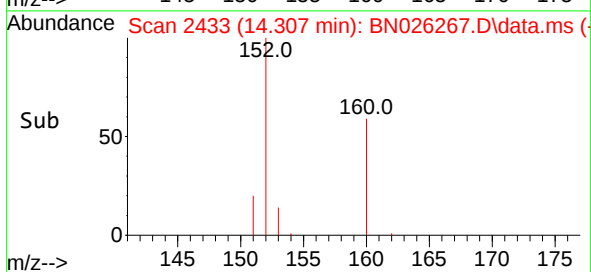
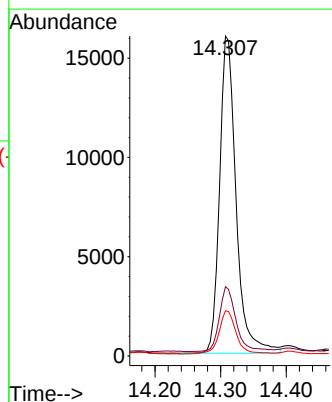
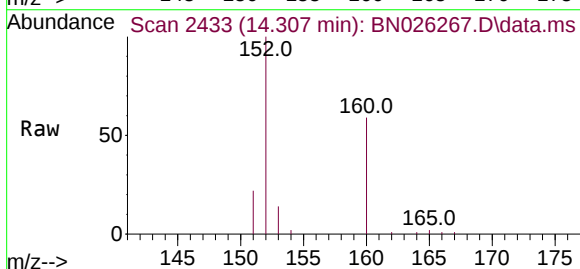


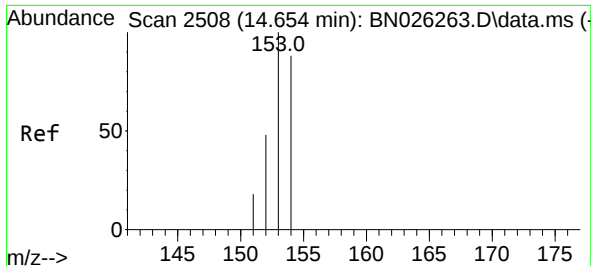
Tgt Ion:142 Resp: 3204
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.4



#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 14.307 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026267.D
Acq: 04 Jul 2023 18:03

Tgt Ion:152 Resp: 27919
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.4
153 14.1 10.9 16.3

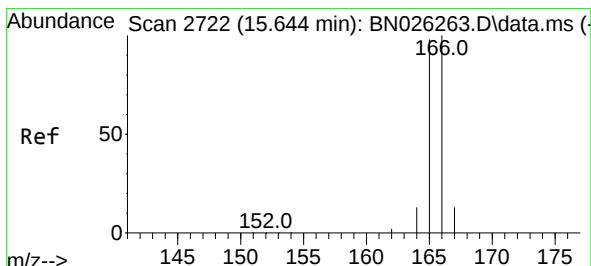
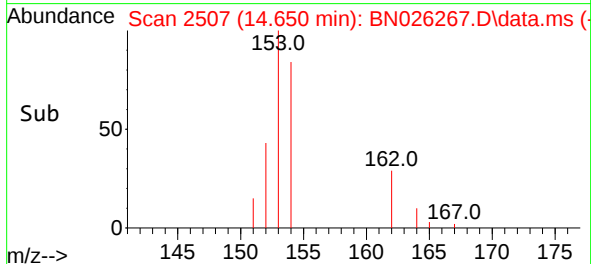
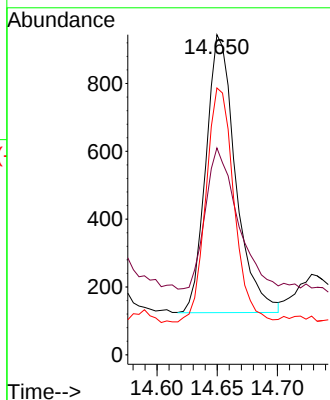
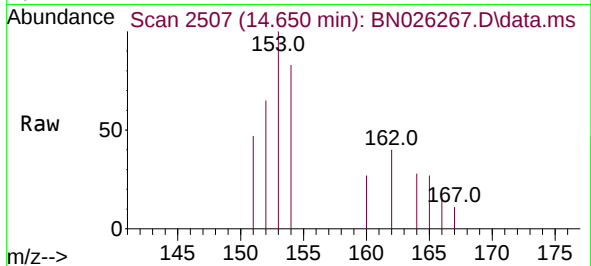




#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.650 min Scan# 2507
Delta R.T. -0.005 min
Lab File: BN026267.D
Acq: 04 Jul 2023 18:03

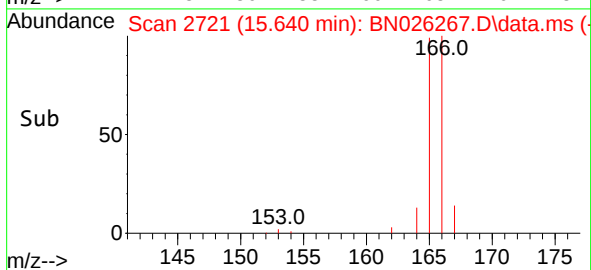
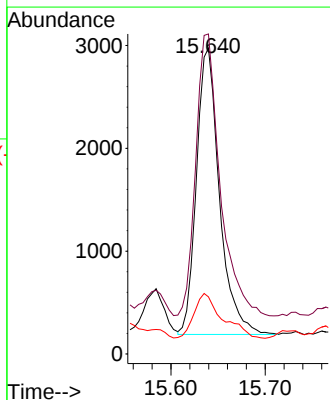
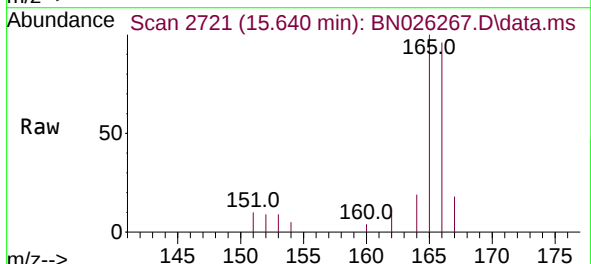
Instrument :
BNA_N
ClientSampleId :

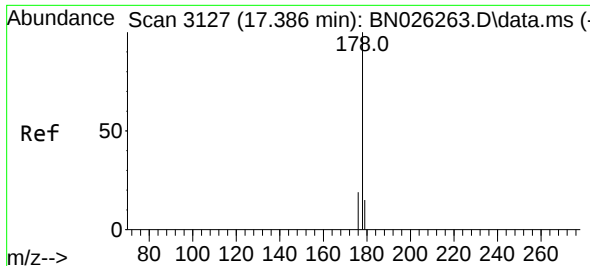
Tgt Ion:153 Resp: 1404
Ion Ratio Lower Upper
153 100
152 64.6 39.4 59.0#
154 83.4 68.9 103.3



#12
Fluorene
Concen: 0.073 ng/ul
RT: 15.640 min Scan# 2721
Delta R.T. -0.005 min
Lab File: BN026267.D
Acq: 04 Jul 2023 18:03

Tgt Ion:166 Resp: 4721
Ion Ratio Lower Upper
166 100
165 104.6 79.9 119.9
167 18.7 10.8 16.2#

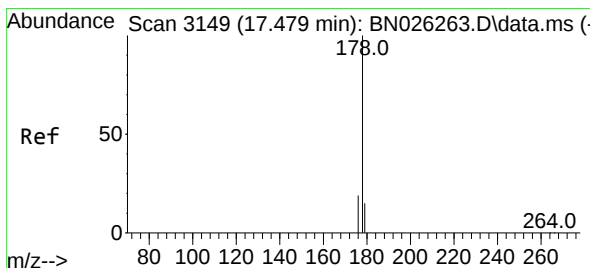
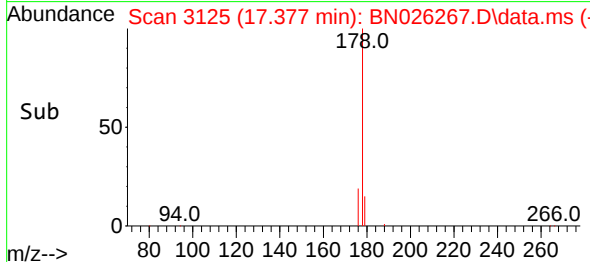
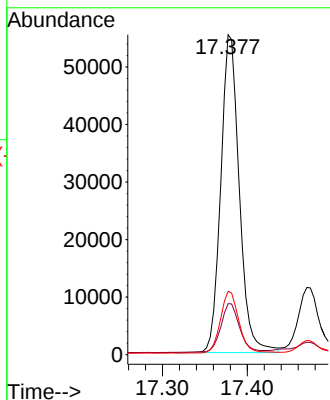
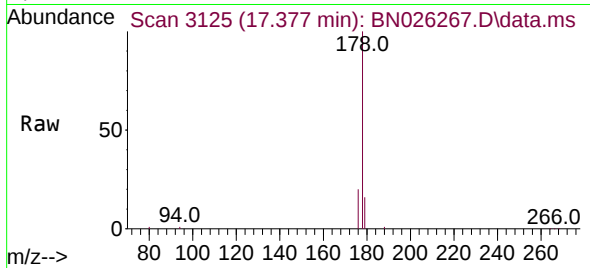




#15
Phenanthrene
Concen: 0.844 ng/ul
RT: 17.377 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BN026267.D
Acq: 04 Jul 2023 18:03

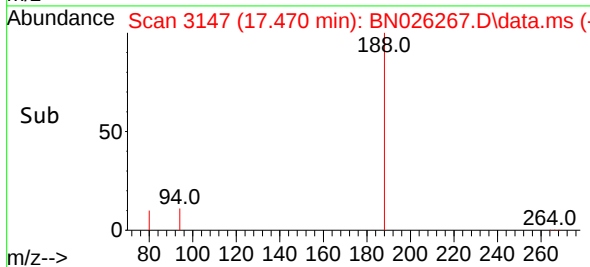
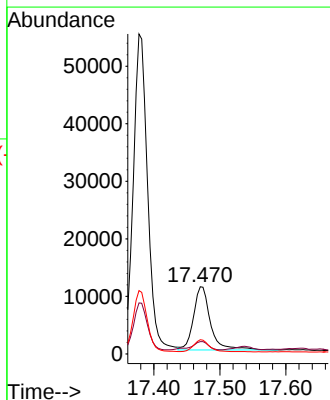
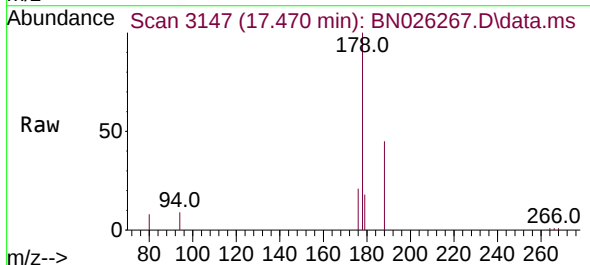
Instrument :
BNA_N
ClientSampleId :

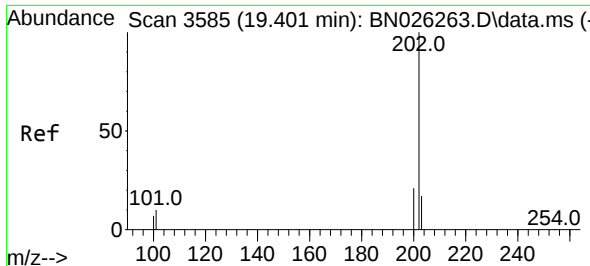
Tgt Ion:178 Resp: 83779
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.8 15.8 23.6



#16
Anthracene
Concen: 0.222 ng/ul
RT: 17.470 min Scan# 3147
Delta R.T. -0.008 min
Lab File: BN026267.D
Acq: 04 Jul 2023 18:03

Tgt Ion:178 Resp: 19565
Ion Ratio Lower Upper
178 100
179 18.4 12.6 18.8
176 21.1 15.1 22.7

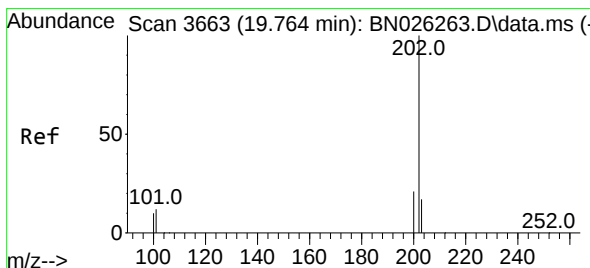
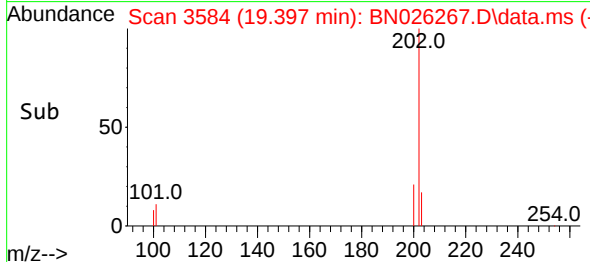
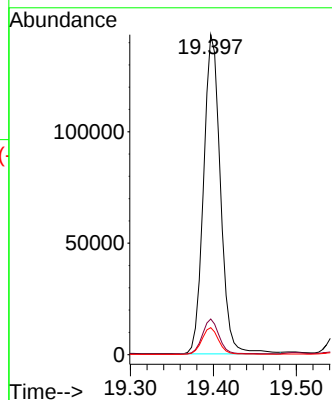
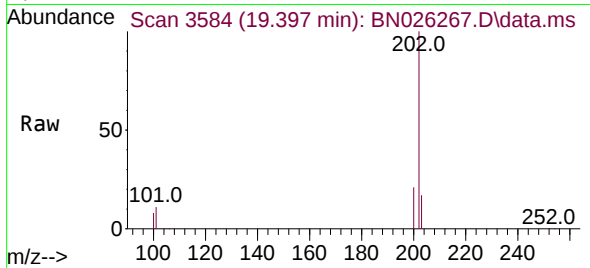




#19
Fluoranthene
Concen: 2.188 ng/ul
RT: 19.397 min Scan# 3584
Delta R.T. -0.005 min
Lab File: BN026267.D
Acq: 04 Jul 2023 18:03

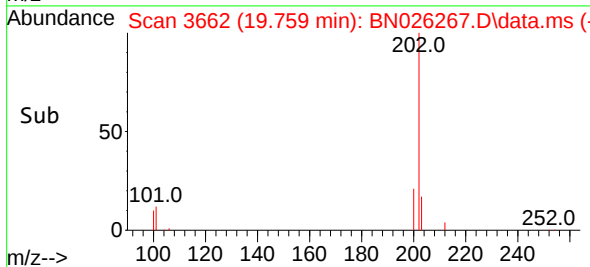
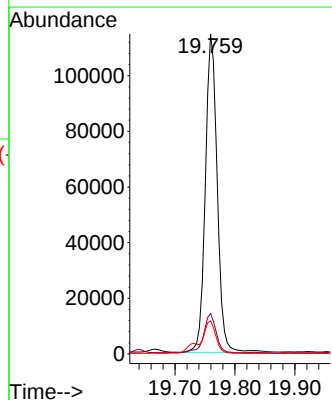
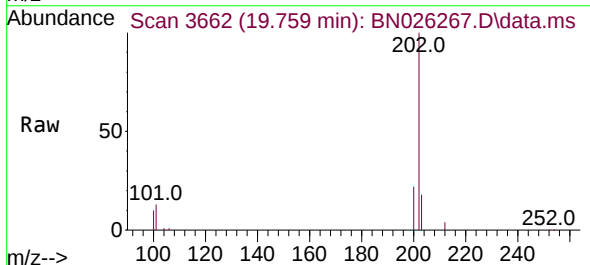
Instrument :
BNA_N
ClientSampleId :

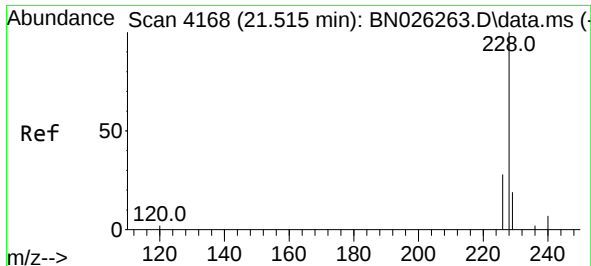
Tgt Ion:202 Resp: 203021
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.5 7.3 10.9



#20
Pyrene
Concen: 1.629 ng/ul
RT: 19.759 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN026267.D
Acq: 04 Jul 2023 18:03

Tgt Ion:202 Resp: 157212
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.3 9.1 13.7

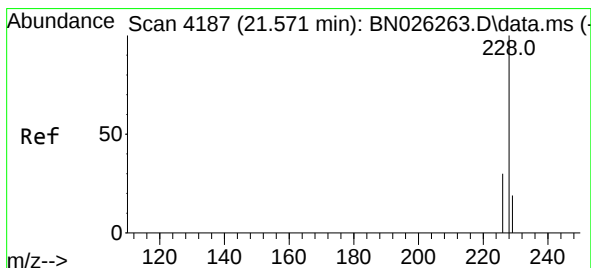
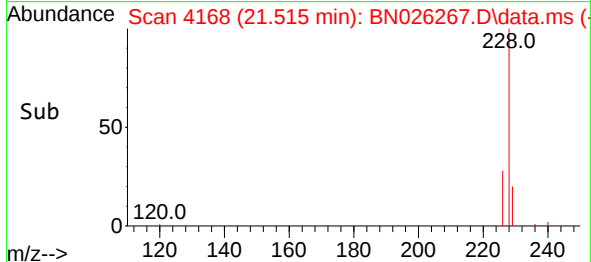
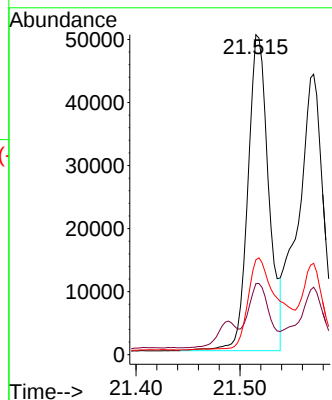
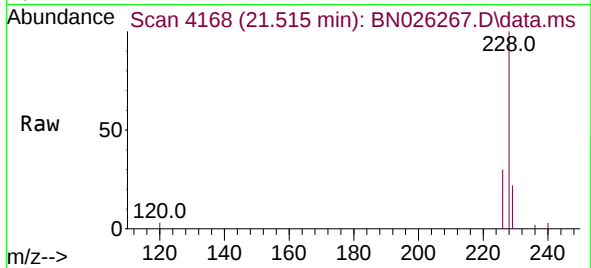




#21
Benzo(a)anthracene
Concen: 0.971 ng/ul
RT: 21.515 min Scan# 4168
Delta R.T. 0.000 min
Lab File: BN026267.D
Acq: 04 Jul 2023 18:03

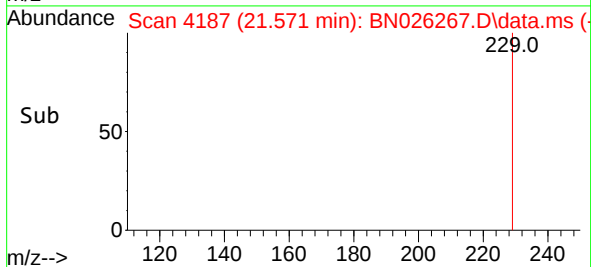
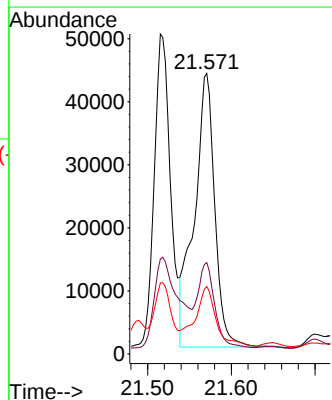
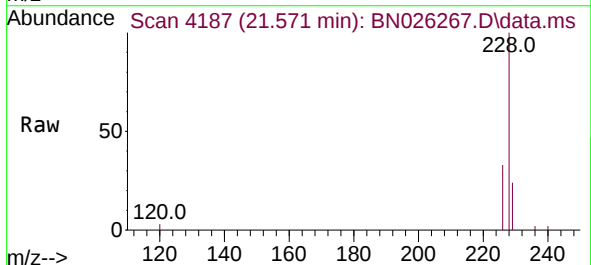
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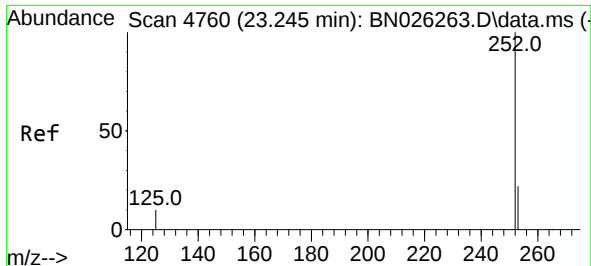
Tgt Ion:228 Resp: 69568
Ion Ratio Lower Upper
228 100
229 22.2 15.8 23.6
226 29.6 22.5 33.7



#22
Chrysene
Concen: 0.992 ng/ul
RT: 21.571 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BN026267.D
Acq: 04 Jul 2023 18:03

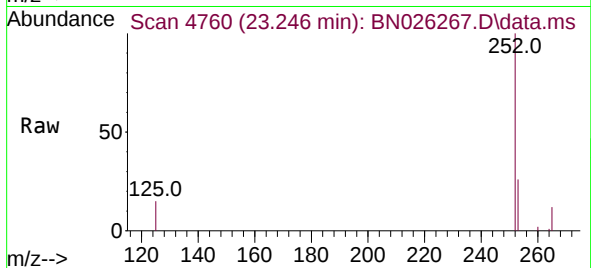
Tgt Ion:228 Resp: 74008
Ion Ratio Lower Upper
228 100
226 32.6 24.8 37.2
229 24.0 15.7 23.5#



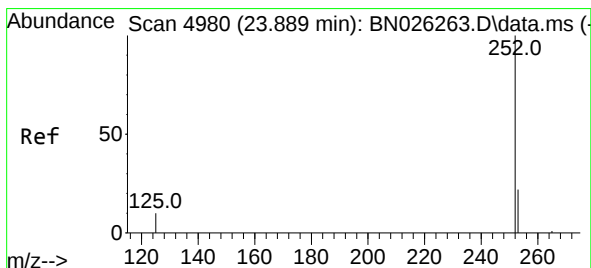
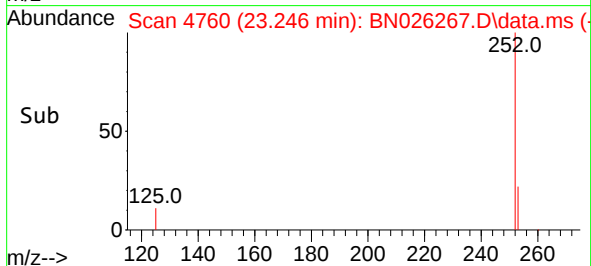
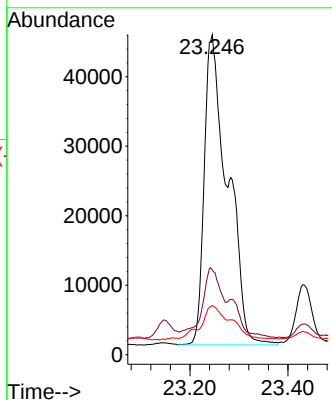


#24
Benzo(b)fluoranthene
Concen: 1.932 ng/ul
RT: 23.246 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN026267.D
Acq: 04 Jul 2023 18:03

Instrument :
BNA_N
ClientSampleId :

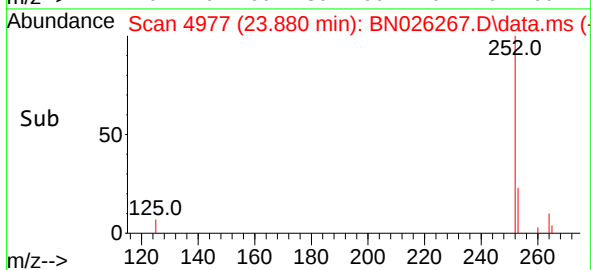
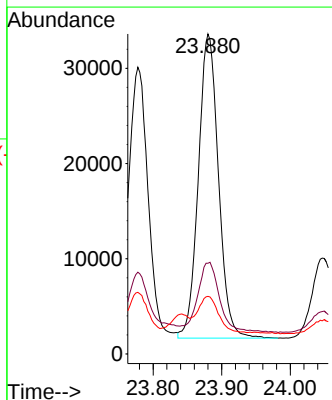
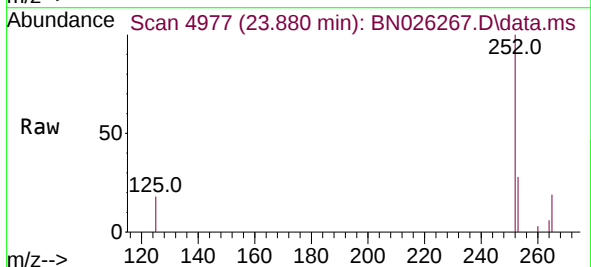


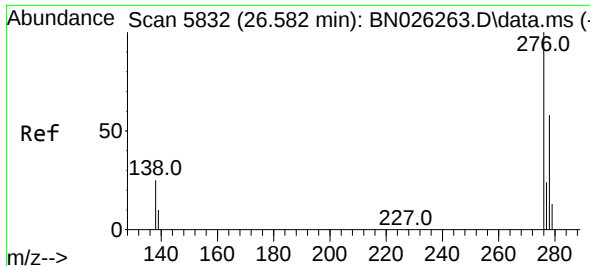
Tgt Ion:252 Resp: 147680
Ion Ratio Lower Upper
252 100
253 26.4 0.0 55.6
125 15.4 0.0 35.8



#26
Benzo(a)pyrene
Concen: 0.981 ng/ul
RT: 23.880 min Scan# 4977
Delta R.T. -0.009 min
Lab File: BN026267.D
Acq: 04 Jul 2023 18:03

Tgt Ion:252 Resp: 65131
Ion Ratio Lower Upper
252 100
253 28.3 26.0 39.0
125 18.0 17.3 25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.693 ng/ul

RT: 26.558 min Scan# 5825

Delta R.T. -0.023 min

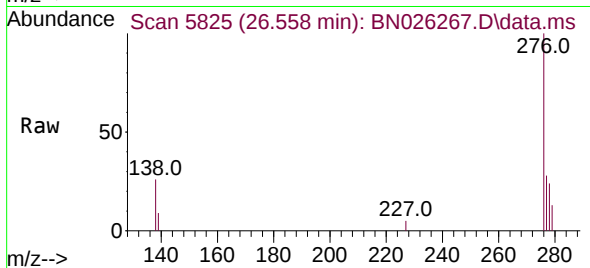
Lab File: BN026267.D

Acq: 04 Jul 2023 18:03

Instrument :

BNA_N

ClientSampleId :



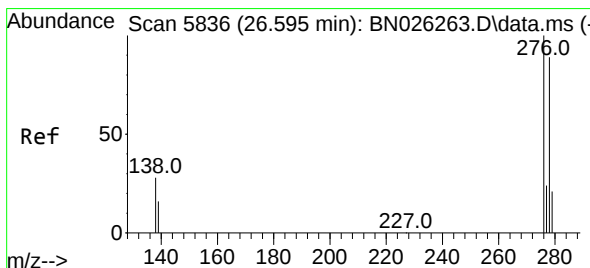
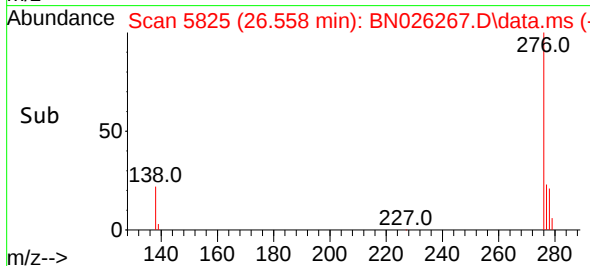
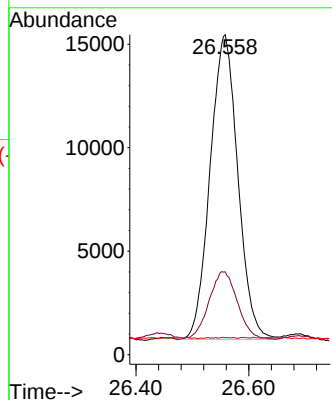
Tgt Ion:276 Resp: 50256

Ion Ratio Lower Upper

276 100

138 22.8 24.5 36.7#

227 0.3 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.228 ng/ul

RT: 26.558 min Scan# 5825

Delta R.T. -0.037 min

Lab File: BN026267.D

Acq: 04 Jul 2023 18:03

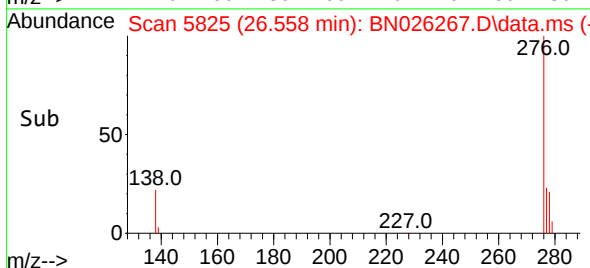
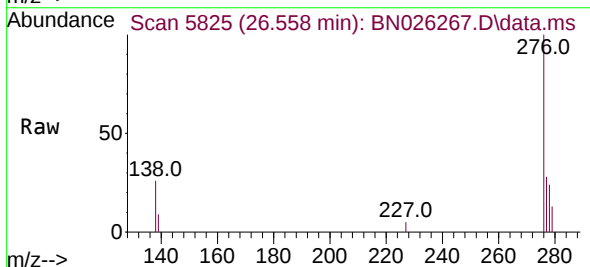
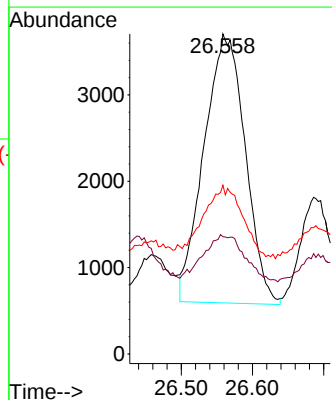
Tgt Ion:278 Resp: 12521

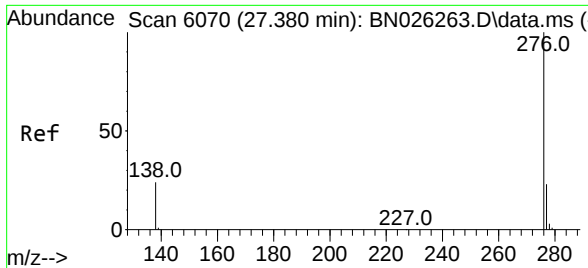
Ion Ratio Lower Upper

278 100

139 36.7 19.0 28.4#

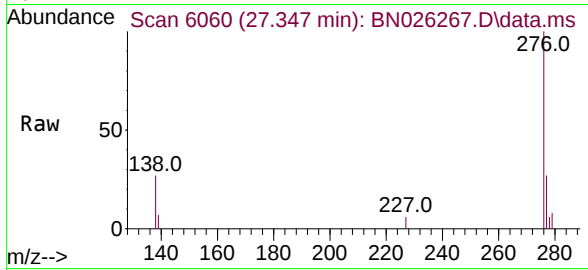
279 52.8 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.725 ng/ul
 RT: 27.347 min Scan# 60
 Delta R.T. -0.033 min
 Lab File: BN026267.D
 Acq: 04 Jul 2023 18:03

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	46795
Ion Ratio	Lower	Upper	
276	100		
138	26.6	23.4	35.0
277	27.3	20.0	30.0

