

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026238.D
 Acq On : 03 Jul 2023 23:05
 Operator : MA/JU
 Sample : 03246-21
 Misc :
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK8

Quant Time: Jul 04 01:04:48 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 : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

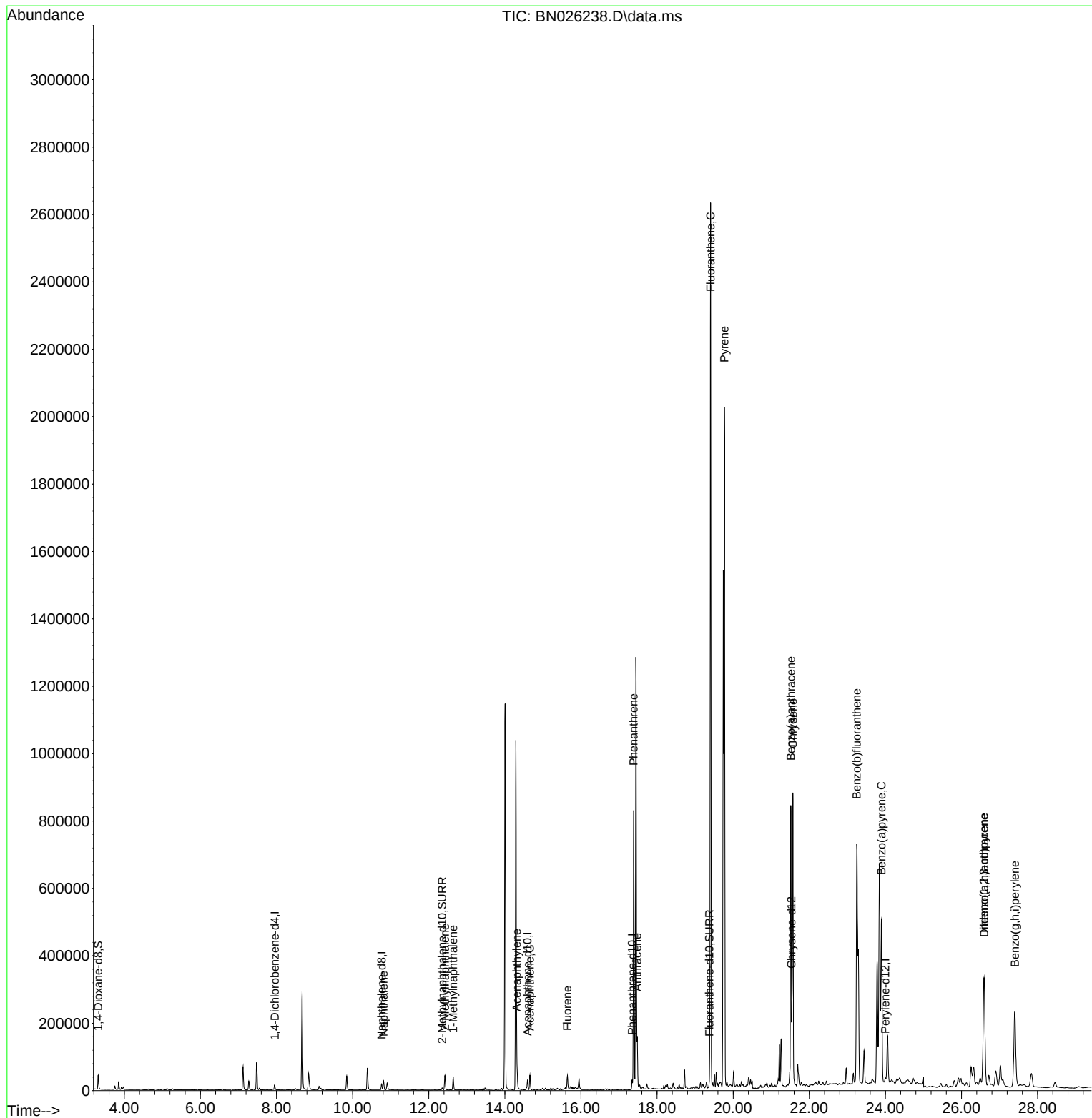
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8484	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	26344	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	16584	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	34011	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	19561	0.400	ng/ul	# 0.00
23) Perylene-d12	23.999	264	19579	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	28344	2.967	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	9025	0.223	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	18014	0.242	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.814	128	39160	0.519	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	32699	0.680	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	27330	0.549	ng/ul	100
10) Acenaphthylene	14.316	152	81039	1.044	ng/ul	99
11) Acenaphthene	14.658	153	26438	0.416	ng/ul	99
12) Fluorene	15.643	166	26348	0.362	ng/ul#	98
15) Phenanthrene	17.385	178	910467	8.104	ng/ul	99
16) Anthracene	17.478	178	149817	1.500	ng/ul	99
19) Fluoranthene	19.405	202	2240586	21.445	ng/ul	96
20) Pyrene	19.768	202	1721668	15.843	ng/ul	96
21) Benzo(a)anthracene	21.514	228	723580	8.967	ng/ul	98
22) Chrysene	21.567	228	886821	10.562	ng/ul	97
24) Benzo(b)fluoranthene	23.247	252	1643271	19.664	ng/ul	88
26) Benzo(a)pyrene	23.896	252	761915	10.497	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.591	276	606154	7.646	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.598	278	143781	2.396	ng/ul	92
29) Benzo(g,h,i)perylene	27.403	276	533888	7.570	ng/ul#	91

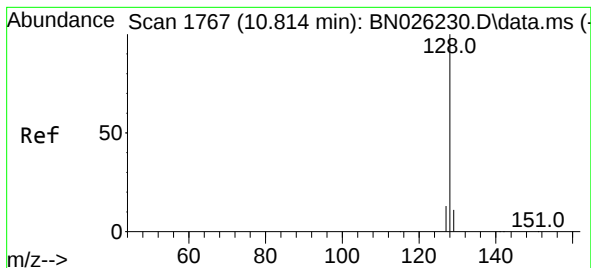
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.519 ng/ul

RT: 10.814 min Scan# 1767

Delta R.T. -0.000 min

Lab File: BN026238.D

Acq: 03 Jul 2023 23:05

Instrument :

BNA_N

ClientSampleId :

DCGK8

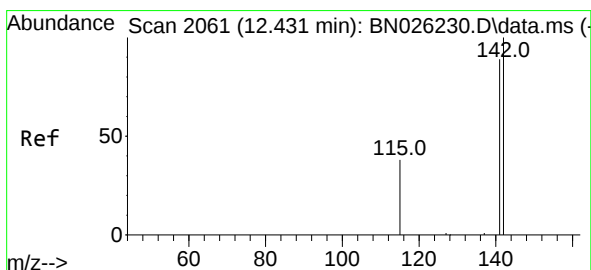
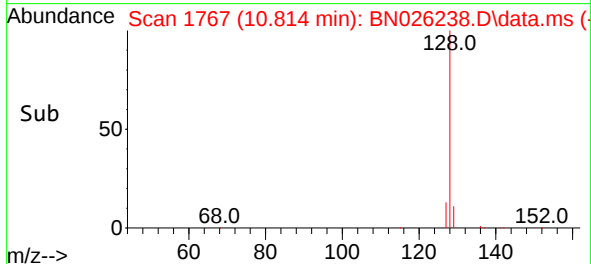
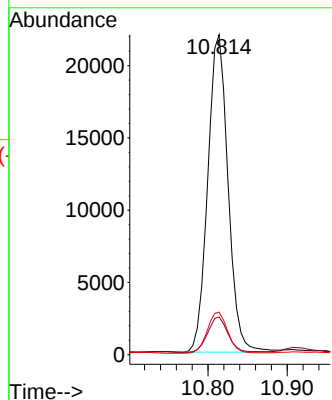
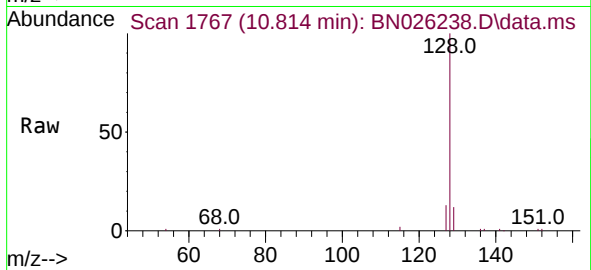
Tgt Ion:128 Resp: 39160

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

127 13.3 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.680 ng/ul

RT: 12.425 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BN026238.D

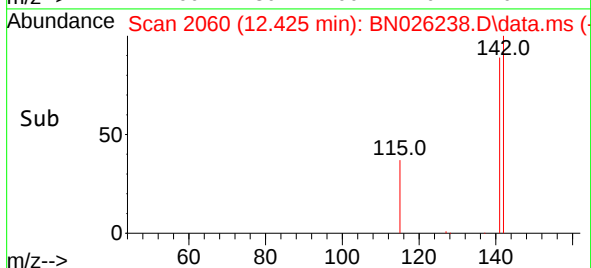
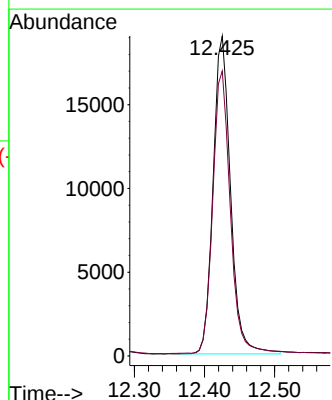
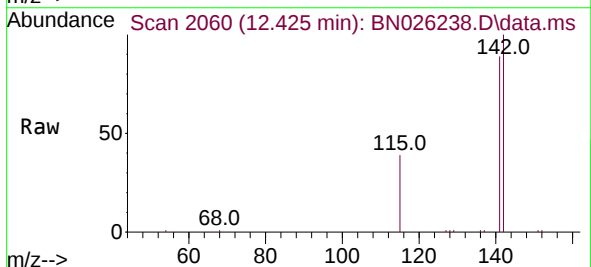
Acq: 03 Jul 2023 23:05

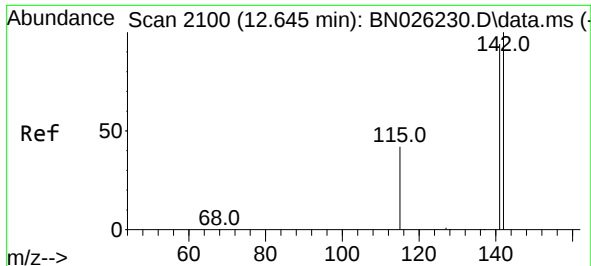
Tgt Ion:142 Resp: 32699

Ion Ratio Lower Upper

142 100

141 89.7 71.9 107.9

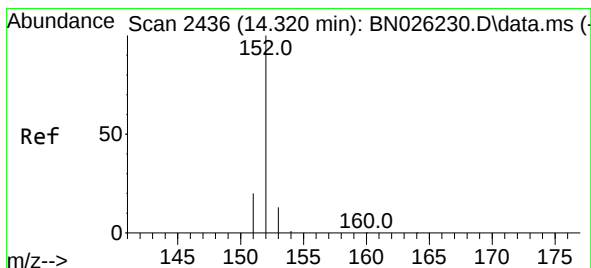
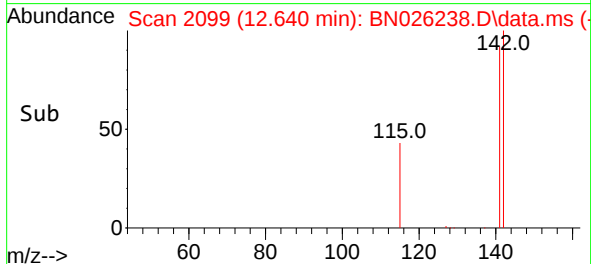
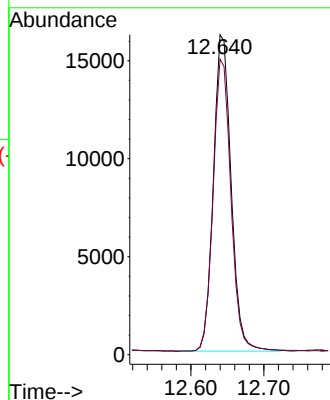
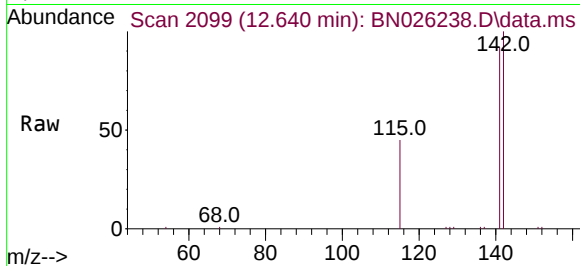




#8
1-Methylnaphthalene
Concen: 0.549 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

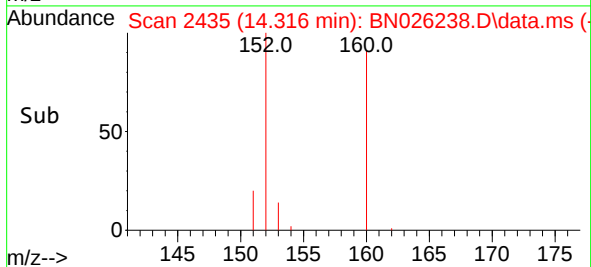
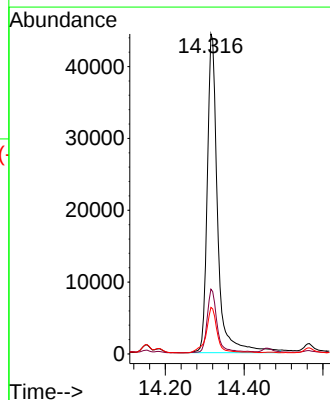
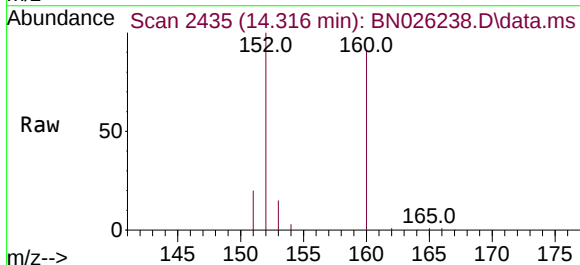
Instrument :
BNA_N
ClientSampleId :
DCGK8

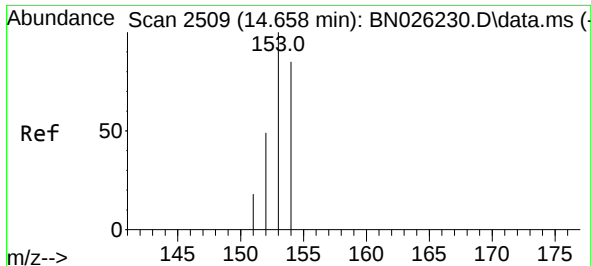
Tgt Ion:142 Resp: 27330
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.4



#10
Acenaphthylene
Concen: 1.044 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

Tgt Ion:152 Resp: 81039
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 14.6 10.9 16.3

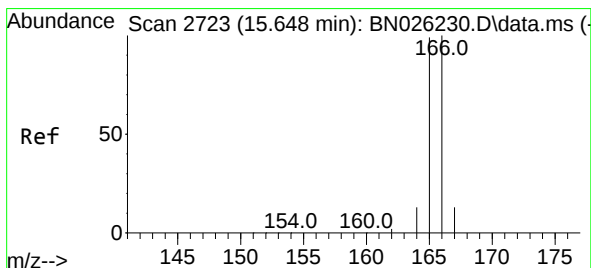
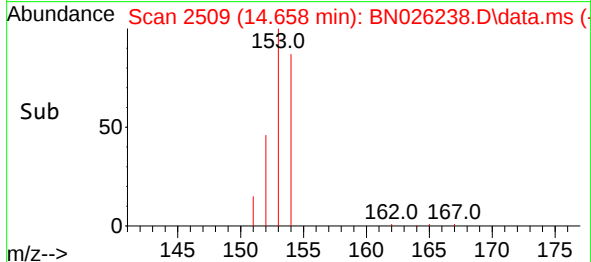
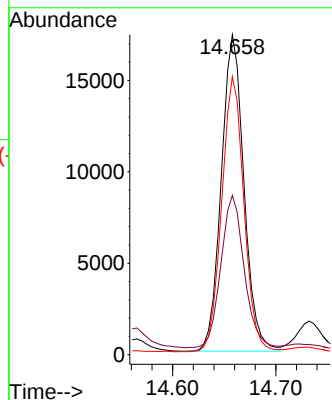
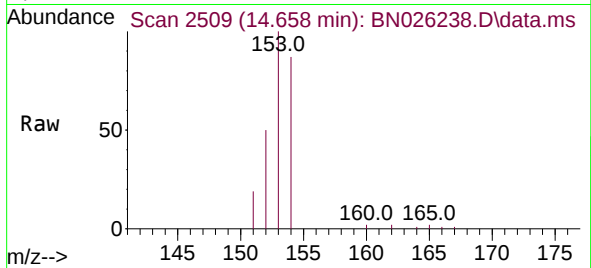




#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.658 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

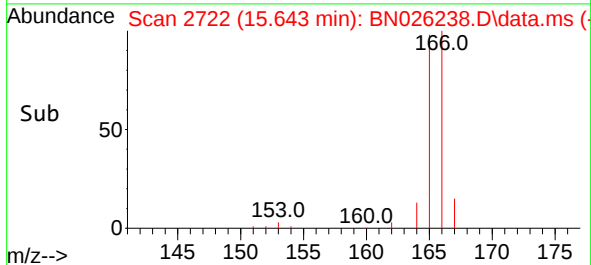
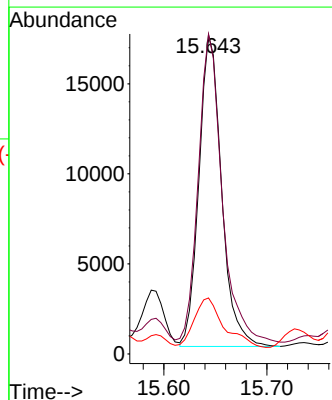
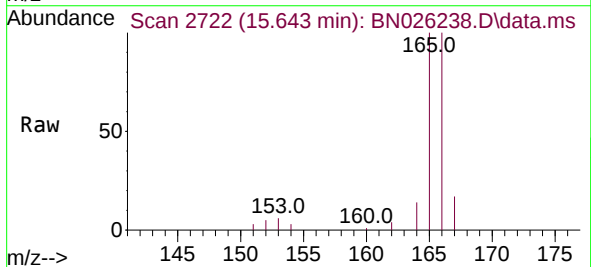
Instrument :
BNA_N
ClientSampleId :
DCGK8

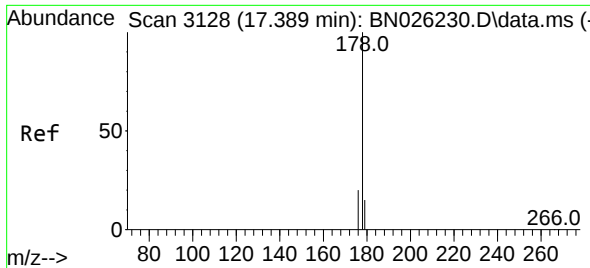
Tgt Ion:153 Resp: 26438
Ion Ratio Lower Upper
153 100
152 49.7 39.4 59.0
154 86.9 68.9 103.3



#12
Fluorene
Concen: 0.362 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.005 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

Tgt Ion:166 Resp: 26348
Ion Ratio Lower Upper
166 100
165 100.3 79.9 119.9
167 17.5 10.8 16.2#

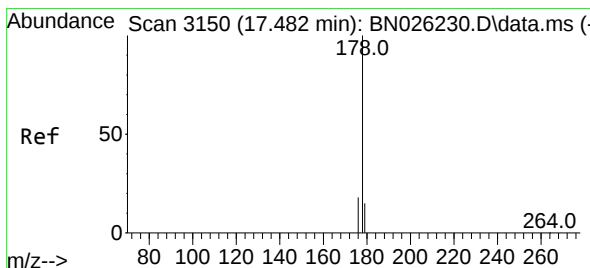
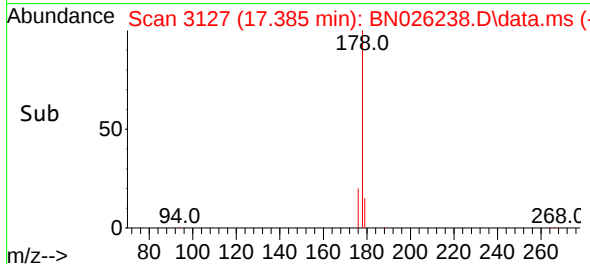
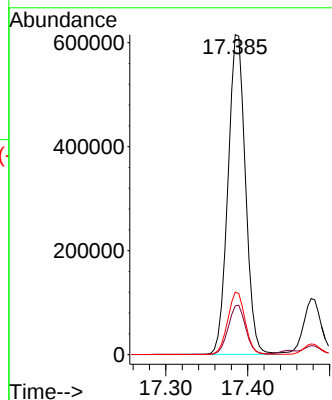
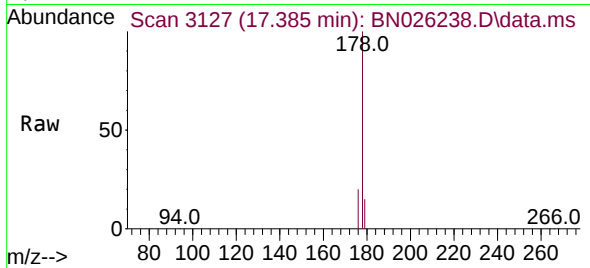




#15
Phenanthrene
Concen: 8.104 ng/u1
RT: 17.385 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

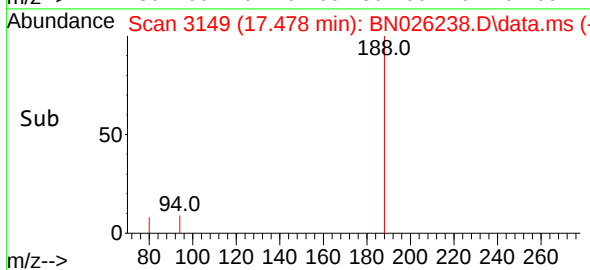
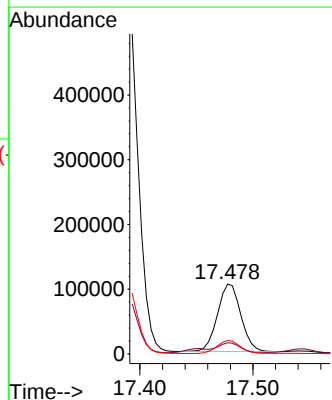
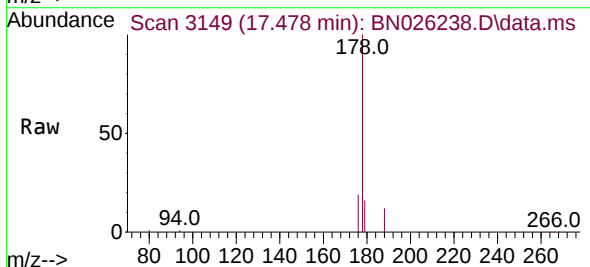
Instrument :
BNA_N
ClientSampleId :
DCGK8

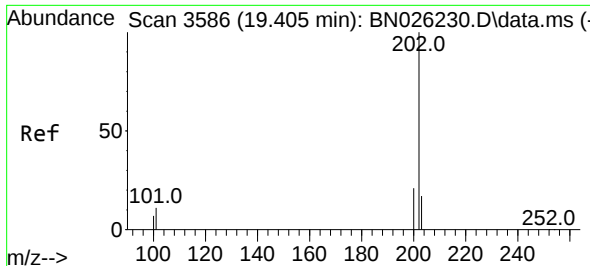
Tgt Ion:178 Resp: 910467
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.6 15.8 23.6



#16
Anthracene
Concen: 1.500 ng/u1
RT: 17.478 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

Tgt Ion:178 Resp: 149817
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.2 15.1 22.7

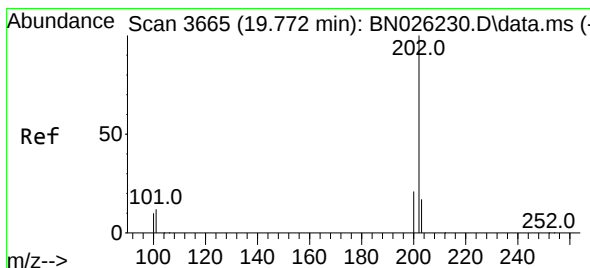
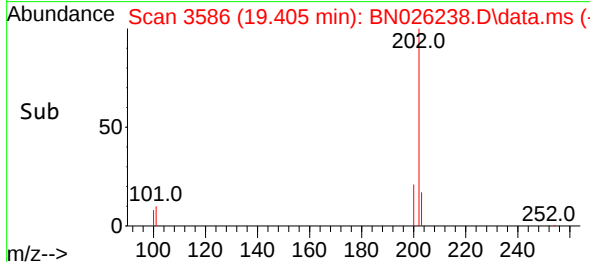
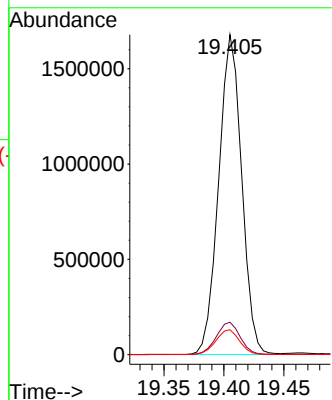
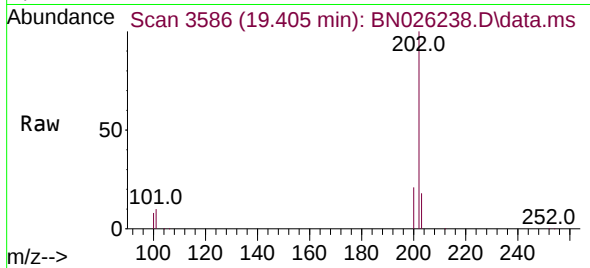




#19
Fluoranthene
Concen: 21.445 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.000 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

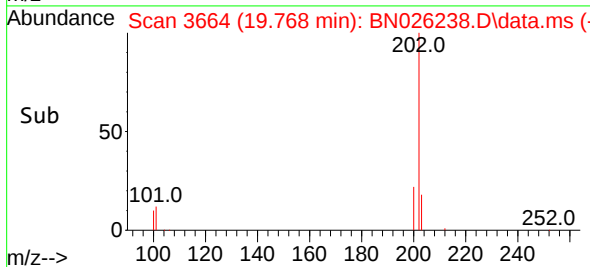
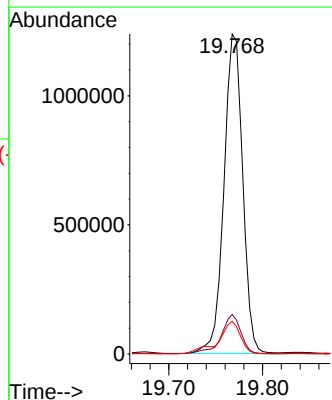
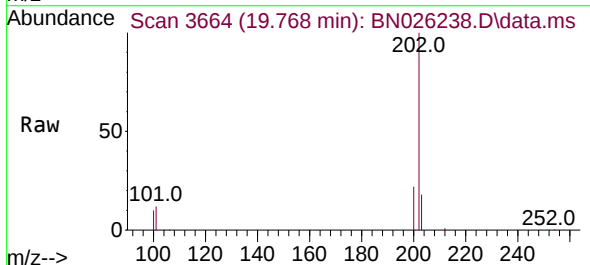
Instrument :
BNA_N
ClientSampleId :
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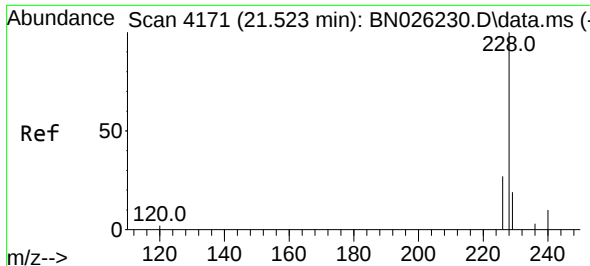
Tgt Ion:202 Resp: 2240586
Ion Ratio Lower Upper
202 100
101 10.2 9.5 14.3
100 7.8 7.3 10.9



#20
Pyrene
Concen: 15.843 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

Tgt Ion:202 Resp: 1721668
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.2 9.1 13.7

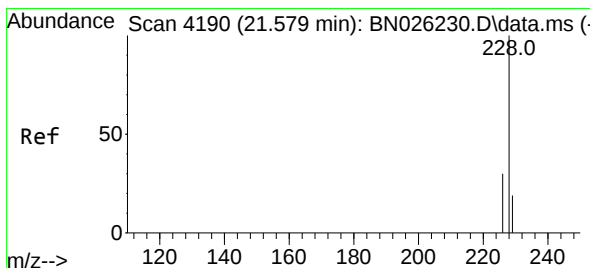
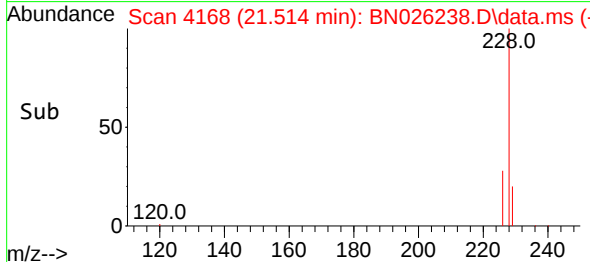
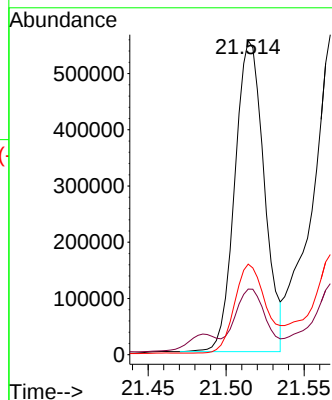
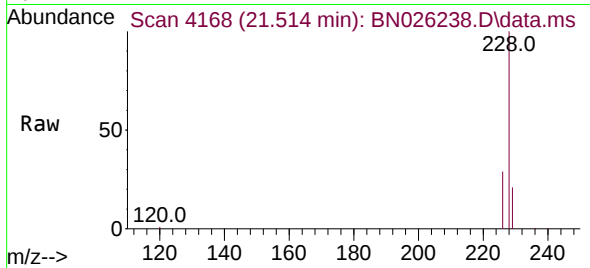




#21
Benzo(a)anthracene
Concen: 8.967 ng/ul
RT: 21.514 min Scan# 4171
Delta R.T. -0.009 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

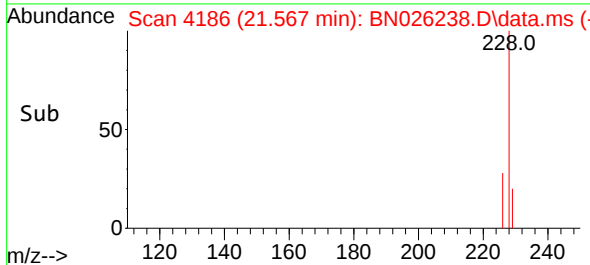
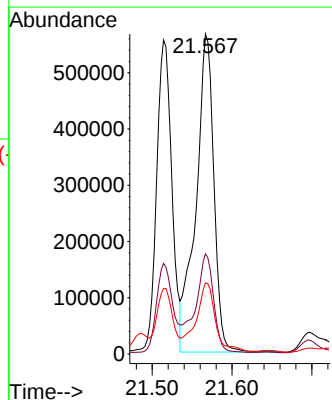
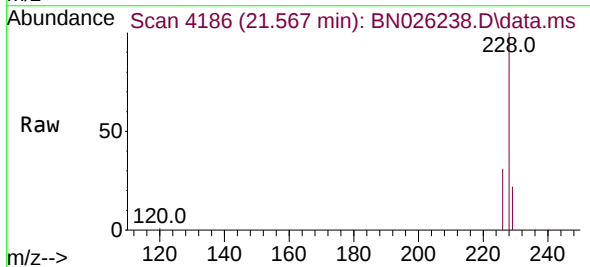
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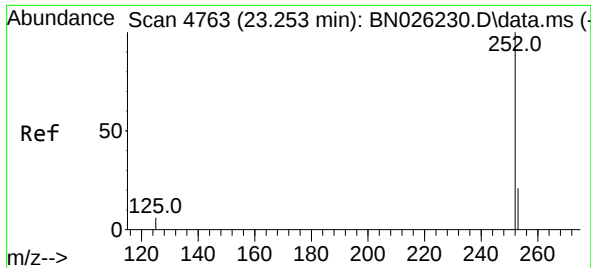
Tgt Ion:228 Resp: 723580
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 28.8 22.5 33.7



#22
Chrysene
Concen: 10.562 ng/ul
RT: 21.567 min Scan# 4186
Delta R.T. -0.012 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

Tgt Ion:228 Resp: 886821
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.2 15.7 23.5

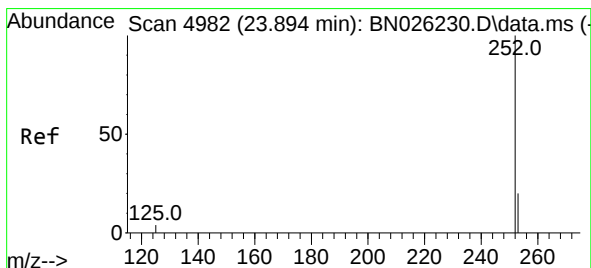
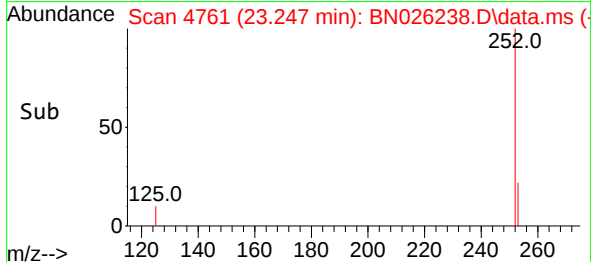
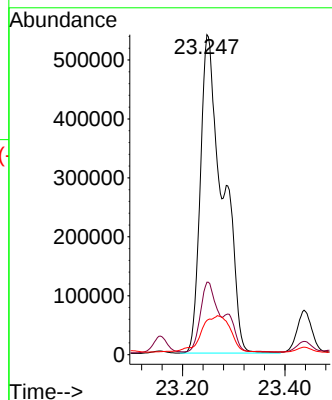
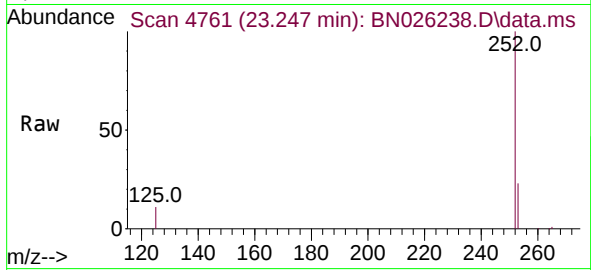




#24
Benzo(b)fluoranthene
Concen: 19.664 ng/ul
RT: 23.247 min Scan# 4761
Delta R.T. -0.006 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

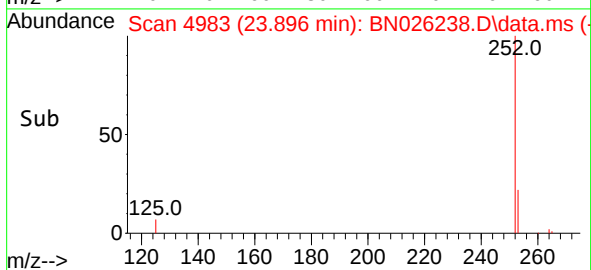
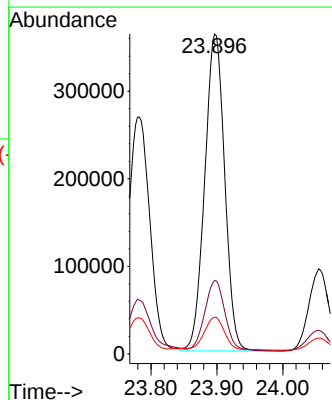
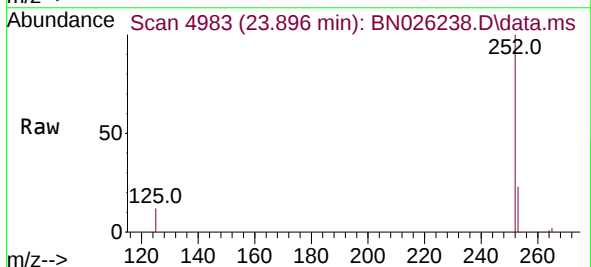
Instrument :
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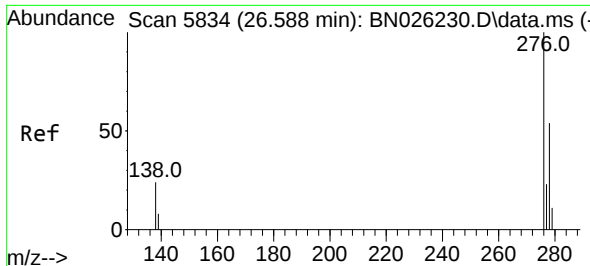
Tgt Ion:252 Resp: 1643271
Ion Ratio Lower Upper
252 100
253 22.6 0.0 55.6
125 10.7 0.0 35.8



#26
Benzo(a)pyrene
Concen: 10.497 ng/ul
RT: 23.896 min Scan# 4983
Delta R.T. 0.003 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

Tgt Ion:252 Resp: 761915
Ion Ratio Lower Upper
252 100
253 23.0 26.0 39.0#
125 11.5 17.3 25.9#

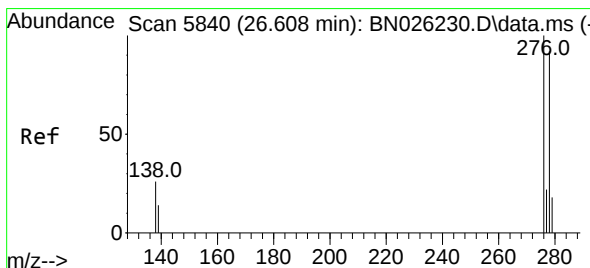
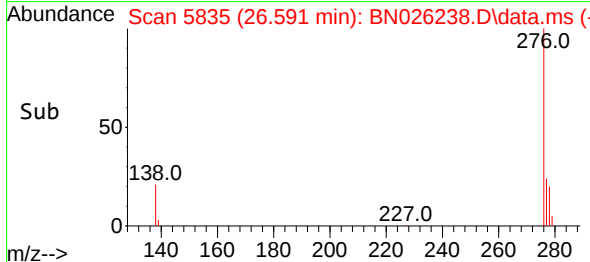
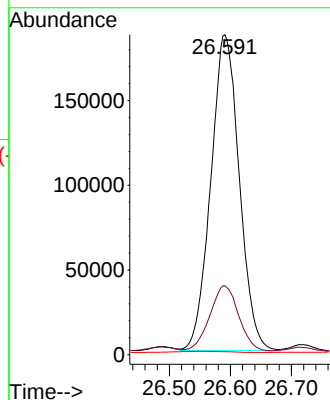
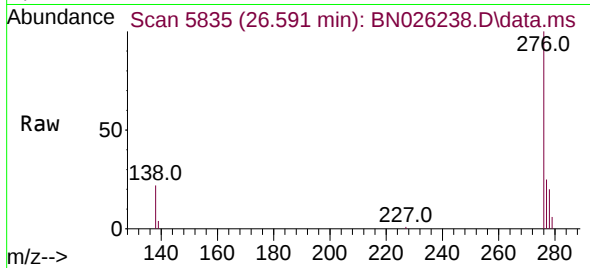




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 7.646 ng/ul
 RT: 26.591 min Scan# 5835
 Delta R.T. 0.003 min
 Lab File: BN026238.D
 Acq: 03 Jul 2023 23:05

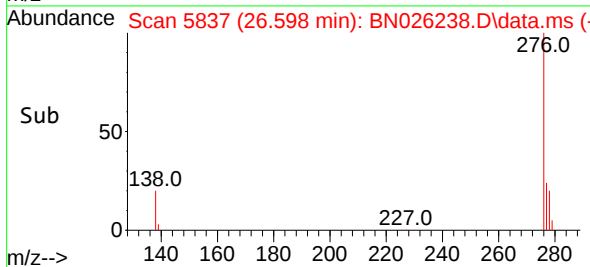
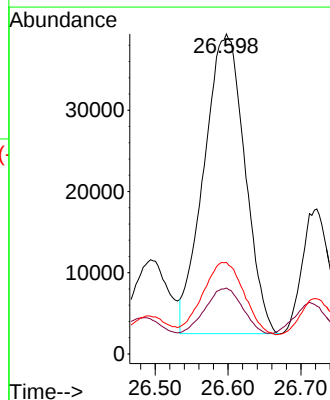
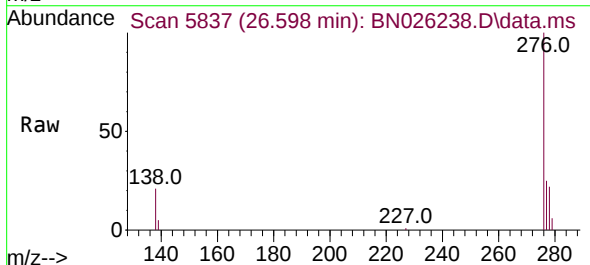
Instrument :
 BNA_N
 ClientSampleId :
 DCGK8

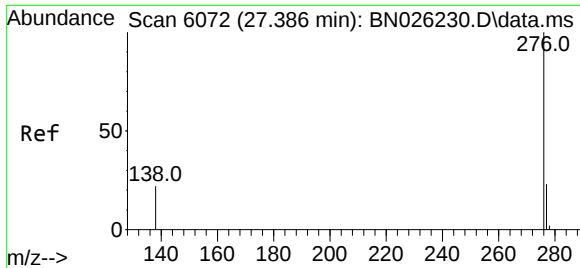
Tgt Ion:276 Resp: 606154
 Ion Ratio Lower Upper
 276 100
 138 20.7 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 2.396 ng/ul
 RT: 26.598 min Scan# 5837
 Delta R.T. -0.010 min
 Lab File: BN026238.D
 Acq: 03 Jul 2023 23:05

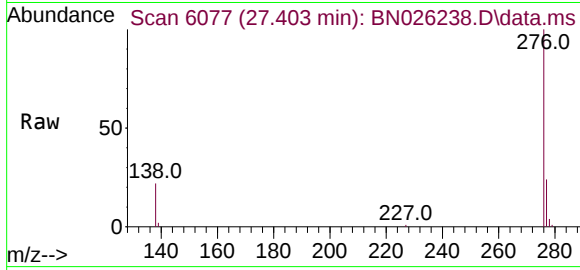
Tgt Ion:278 Resp: 143781
 Ion Ratio Lower Upper
 278 100
 139 20.6 19.0 28.4
 279 28.6 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 7.570 ng/ul
 RT: 27.403 min Scan# 6077
 Delta R.T. 0.017 min
 Lab File: BN026238.D
 Acq: 03 Jul 2023 23:05

Instrument :
 BNA_N
 ClientSampleId :
 DCGK8



Tgt Ion:276 Resp: 533888
 Ion Ratio Lower Upper
 276 100
 138 21.5 23.4 35.0#
 277 24.1 20.0 30.0

