

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026240.D
 Acq On : 04 Jul 2023 00:19
 Operator : MA/JU
 Sample : 03353-01
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK3

Quant Time: Jul 04 01:05:15 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)

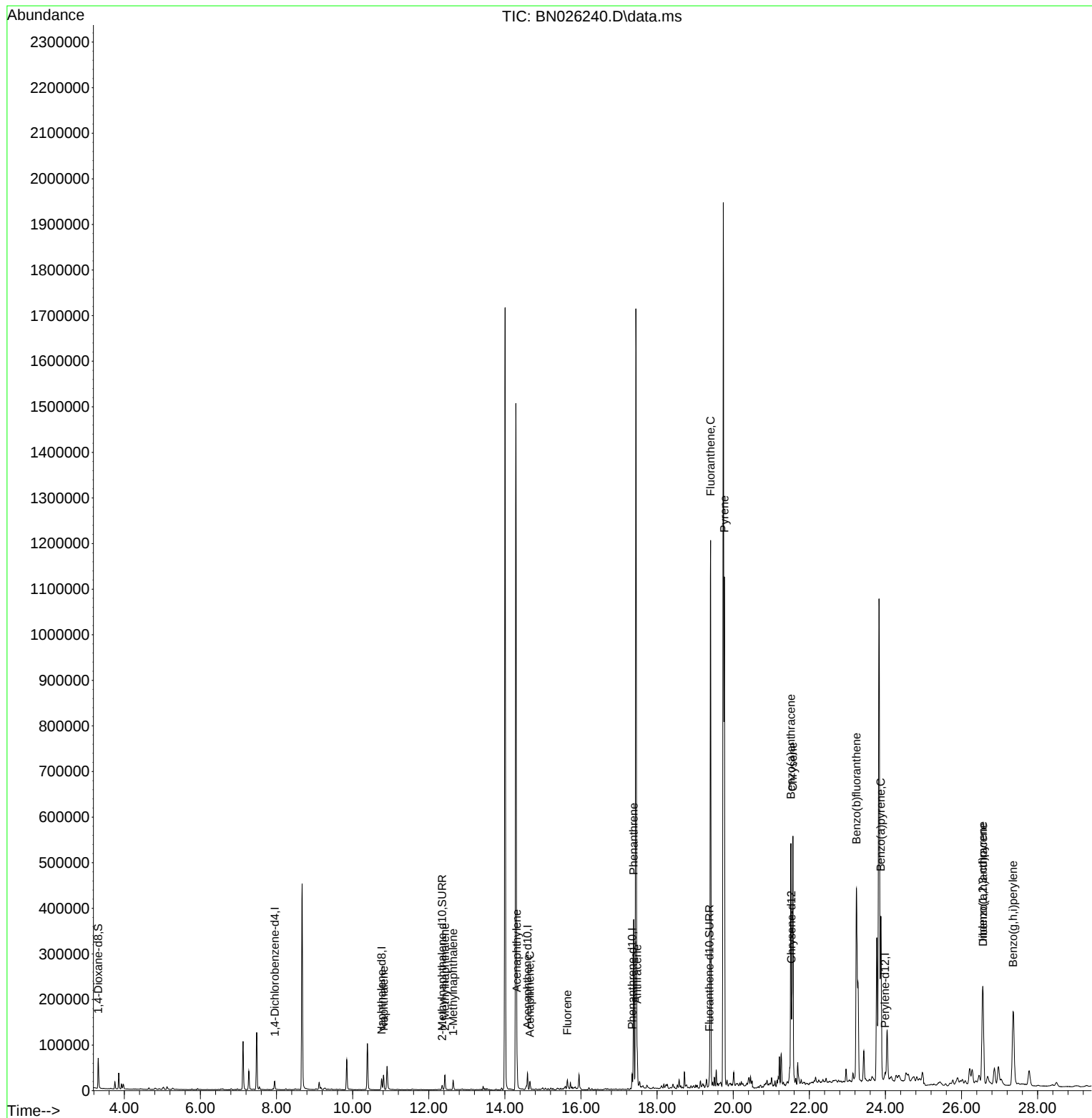
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	10451	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	32877	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	20148	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	38330	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	21810	0.400	ng/ul	0.00
23) Perylene-d12	23.993	264	23237	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	43445	3.691	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	13619	0.269	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	24130	0.291	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	45897	0.487	ng/ul	100
7) 2-Methylnaphthalene	12.425	142	24335	0.406	ng/ul	99
8) 1-Methylnaphthalene	12.640	142	14511	0.233	ng/ul	99
10) Acenaphthylene	14.316	152	68108	0.722	ng/ul	99
11) Acenaphthene	14.658	153	11193	0.145	ng/ul	98
12) Fluorene	15.643	166	13518	0.153	ng/ul#	98
15) Phenanthrene	17.385	178	390302	3.083	ng/ul	99
16) Anthracene	17.478	178	72166	0.641	ng/ul	99
19) Fluoranthene	19.405	202	1042329	8.948	ng/ul	96
20) Pyrene	19.768	202	887404	7.324	ng/ul	95
21) Benzo(a)anthracene	21.517	228	475887	5.289	ng/ul	97
22) Chrysene	21.570	228	565996	6.046	ng/ul	97
24) Benzo(b)fluoranthene	23.239	252	992507	10.007	ng/ul	89
26) Benzo(a)pyrene	23.879	252	532242	6.179	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.557	276	372779	3.962	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.564	278	106026	1.489	ng/ul	98
29) Benzo(g,h,i)perylene	27.356	276	385721	4.608	ng/ul#	94

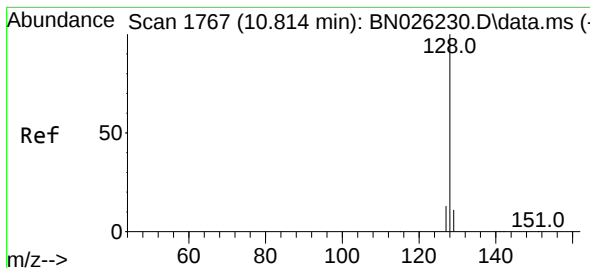
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.487 ng/ul

RT: 10.814 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN026240.D

Acq: 04 Jul 2023 00:19

Instrument :

BNA_N

ClientSampleId :

DCGK3

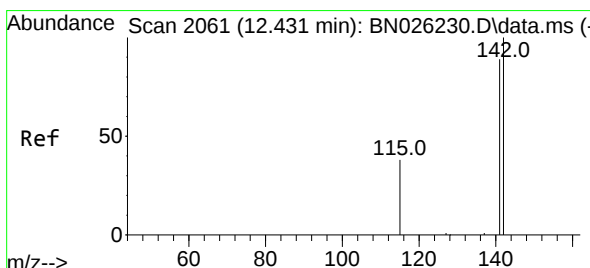
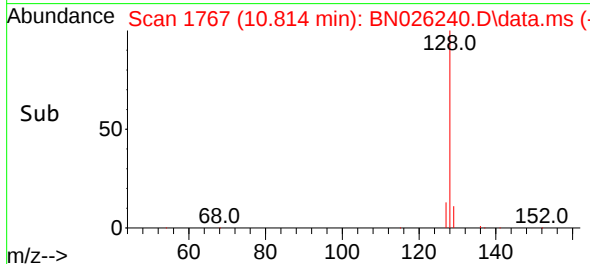
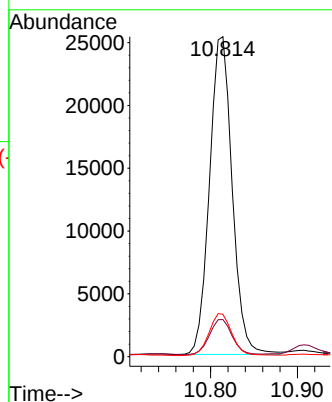
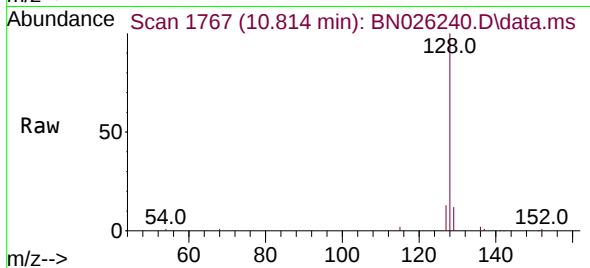
Tgt Ion:128 Resp: 45897

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

127 13.3 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.406 ng/ul

RT: 12.425 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BN026240.D

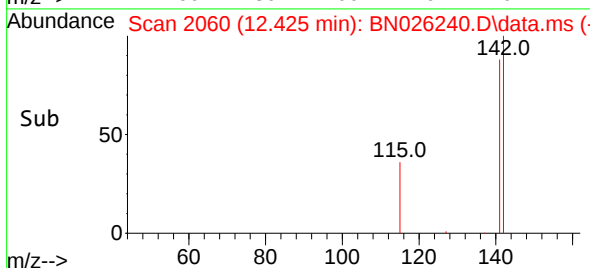
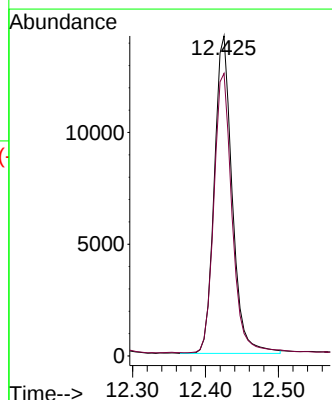
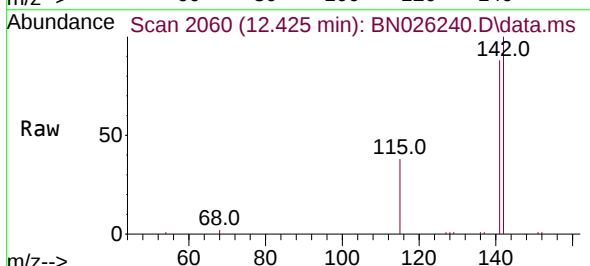
Acq: 04 Jul 2023 00:19

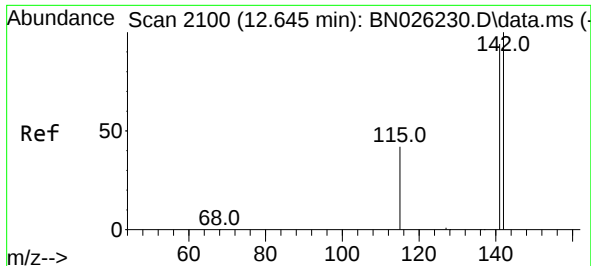
Tgt Ion:142 Resp: 24335

Ion Ratio Lower Upper

142 100

141 89.0 71.9 107.9

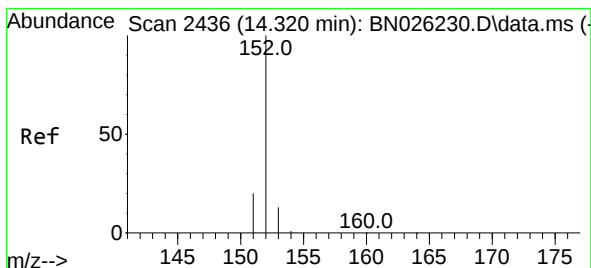
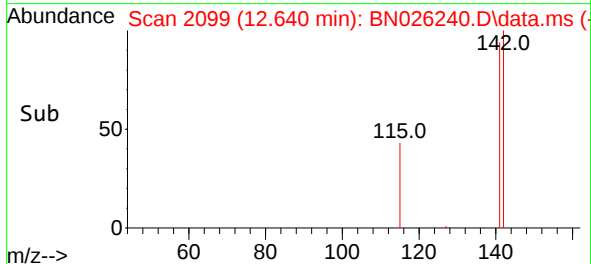
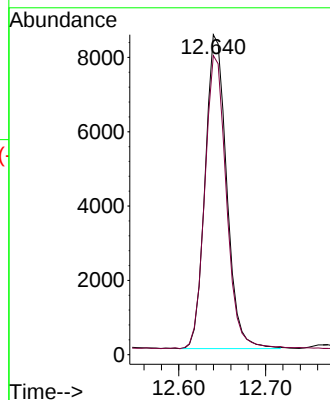
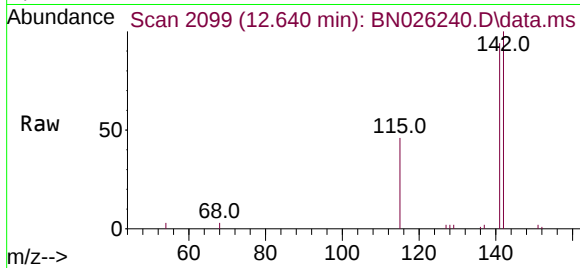




#8
1-Methylnaphthalene
Concen: 0.233 ng/ul
RT: 12.640 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BN026240.D
Acq: 04 Jul 2023 00:19

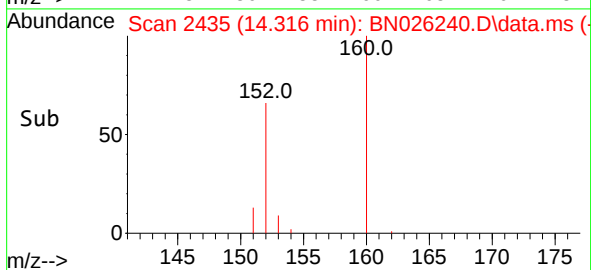
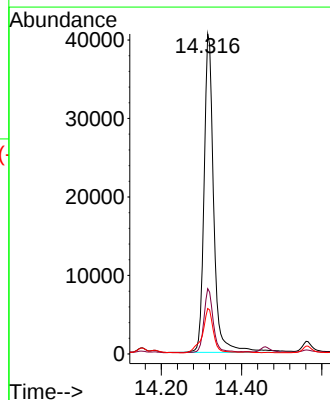
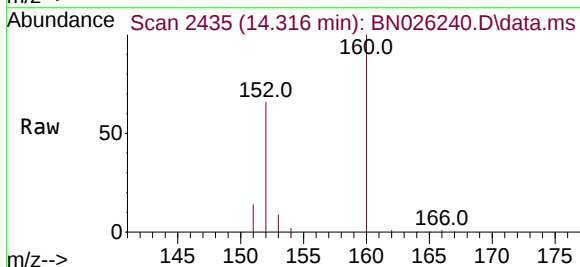
Instrument :
BNA_N
ClientSampleId :
DCGK3

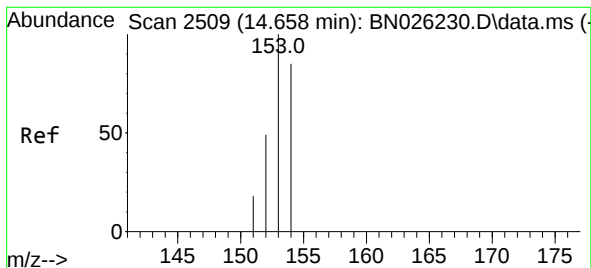
Tgt Ion:142 Resp: 14511
Ion Ratio Lower Upper
142 100
141 93.6 74.2 111.4



#10
Acenaphthylene
Concen: 0.722 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN026240.D
Acq: 04 Jul 2023 00:19

Tgt Ion:152 Resp: 68108
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 14.2 10.9 16.3





#11

Acenaphthene

Concen: 0.145 ng/ul

RT: 14.658 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN026240.D

Acq: 04 Jul 2023 00:19

Instrument :

BNA_N

ClientSampleId :

DCGK3

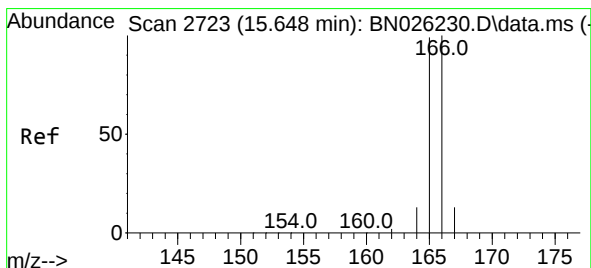
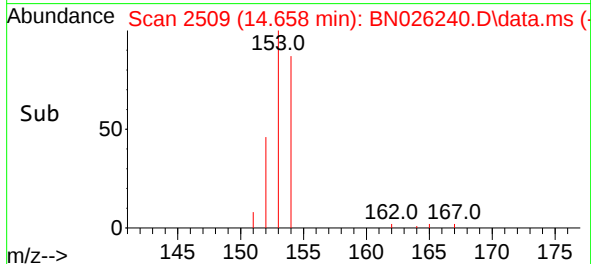
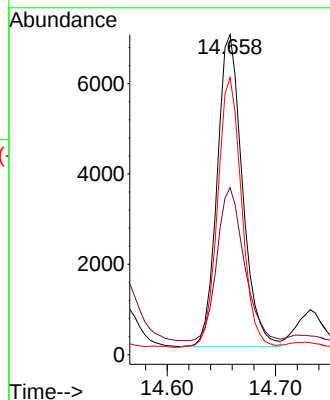
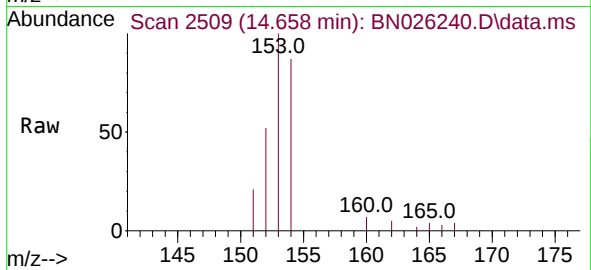
Tgt Ion:153 Resp: 11193

Ion Ratio Lower Upper

153 100

152 52.2 39.4 59.0

154 86.6 68.9 103.3



#12

Fluorene

Concen: 0.153 ng/ul

RT: 15.643 min Scan# 2722

Delta R.T. -0.005 min

Lab File: BN026240.D

Acq: 04 Jul 2023 00:19

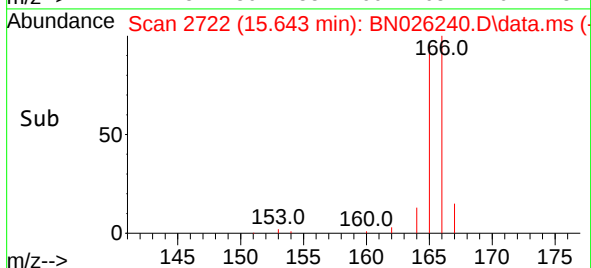
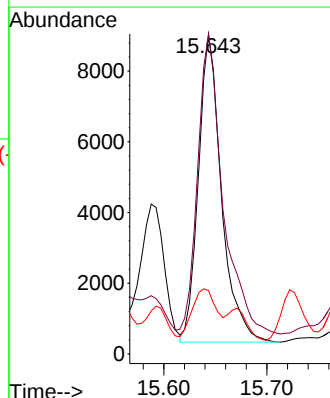
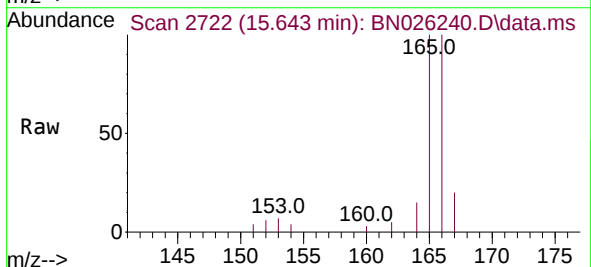
Tgt Ion:166 Resp: 13518

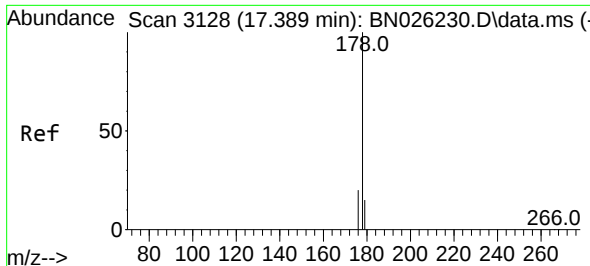
Ion Ratio Lower Upper

166 100

165 99.8 79.9 119.9

167 19.8 10.8 16.2#

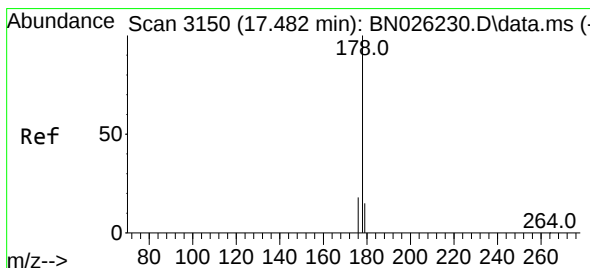
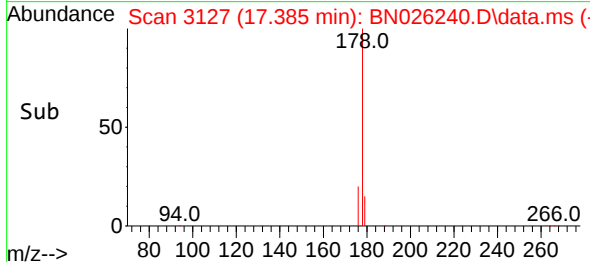
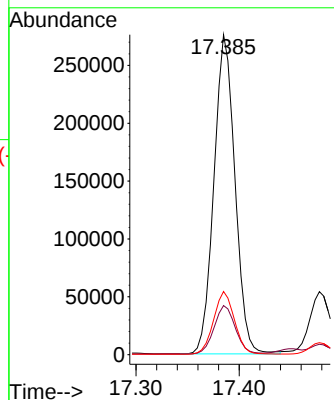
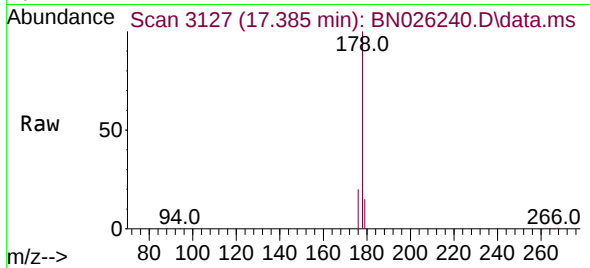




#15
Phenanthrene
Concen: 3.083 ng/u1
RT: 17.385 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BN026240.D
Acq: 04 Jul 2023 00:19

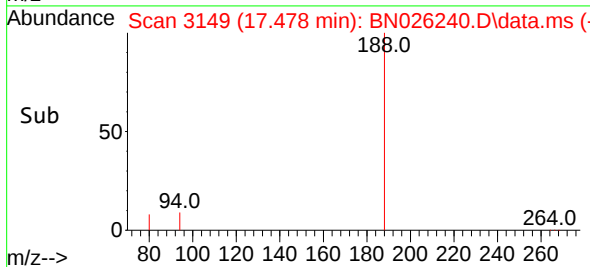
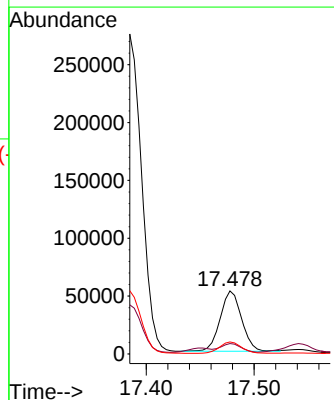
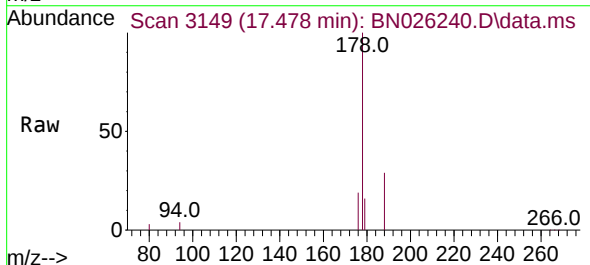
Instrument :
BNA_N
ClientSampleId :
DCGK3

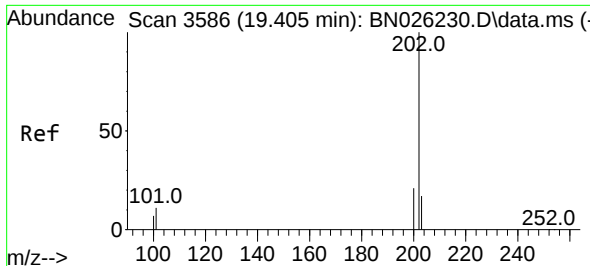
Tgt Ion:178 Resp: 390302
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.8 15.8 23.6



#16
Anthracene
Concen: 0.641 ng/u1
RT: 17.478 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BN026240.D
Acq: 04 Jul 2023 00:19

Tgt Ion:178 Resp: 72166
Ion Ratio Lower Upper
178 100
179 16.4 12.6 18.8
176 19.2 15.1 22.7

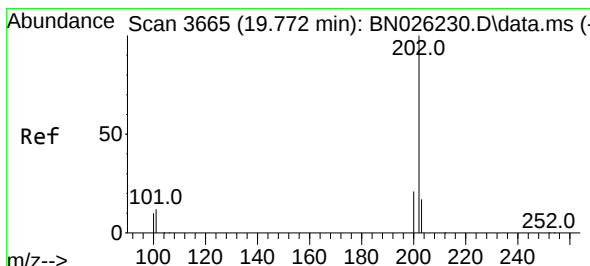
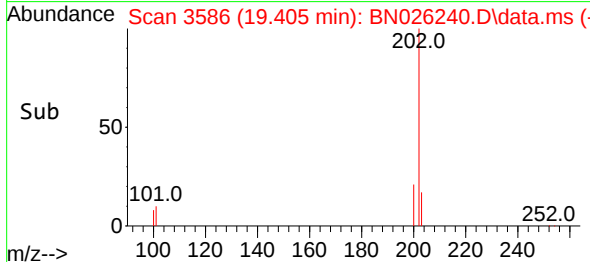
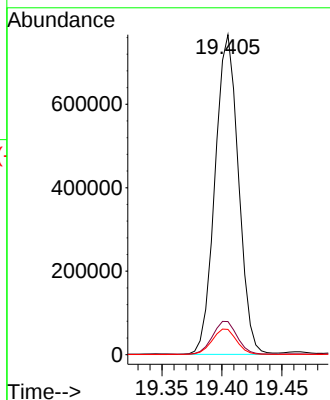
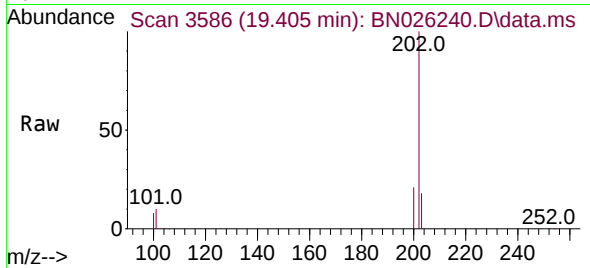




#19
Fluoranthene
Concen: 8.948 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.000 min
Lab File: BN026240.D
Acq: 04 Jul 2023 00:19

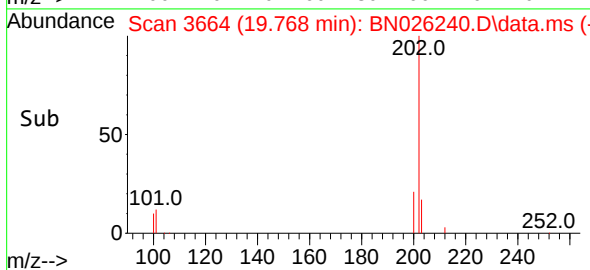
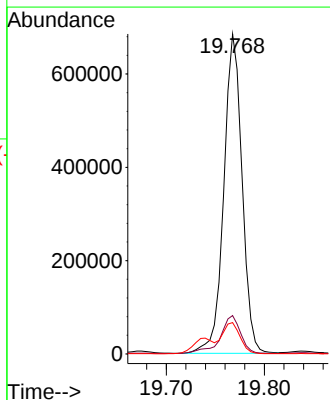
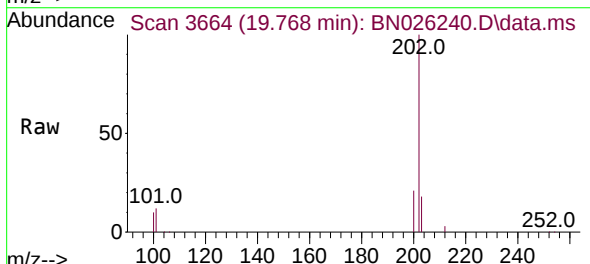
Instrument :
BNA_N
ClientSampleId :
DCGK3

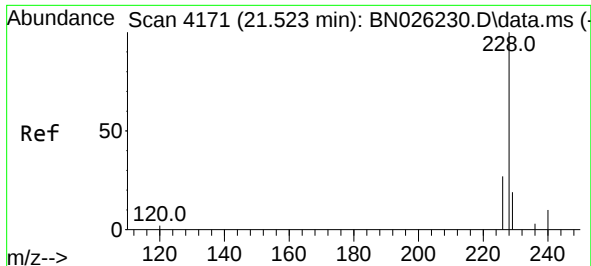
Tgt Ion:202 Resp: 1042329
Ion Ratio Lower Upper
202 100
101 10.4 9.5 14.3
100 7.9 7.3 10.9



#20
Pyrene
Concen: 7.324 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026240.D
Acq: 04 Jul 2023 00:19

Tgt Ion:202 Resp: 887404
Ion Ratio Lower Upper
202 100
101 12.0 11.4 17.0
100 9.8 9.1 13.7

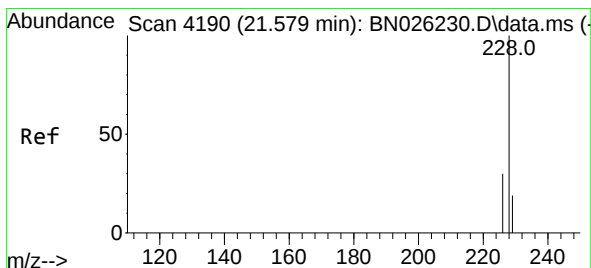
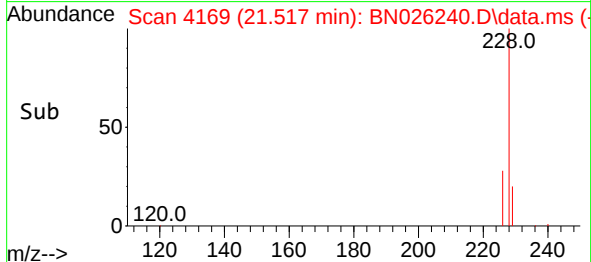
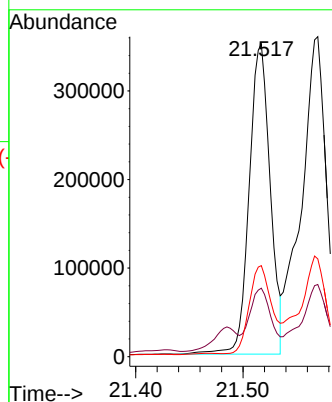
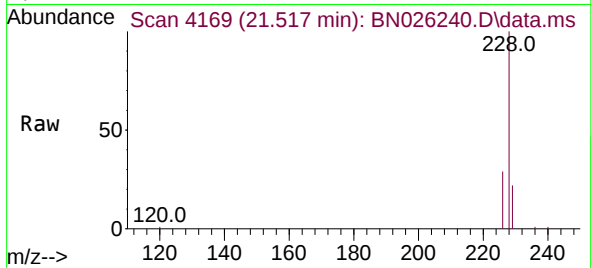




#21
Benzo(a)anthracene
Concen: 5.289 ng/ul
RT: 21.517 min Scan# 4171
Delta R.T. -0.006 min
Lab File: BN026240.D
Acq: 04 Jul 2023 00:19

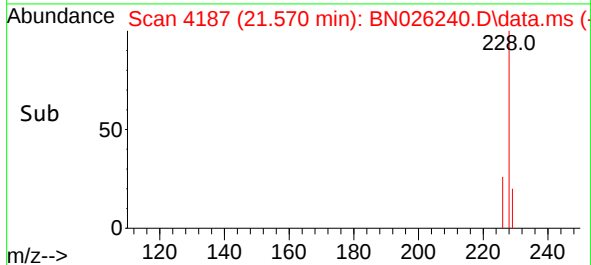
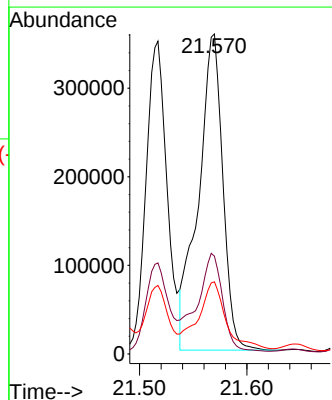
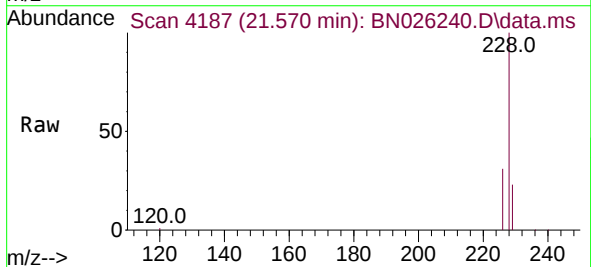
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BNA_N
ClientSampleId :
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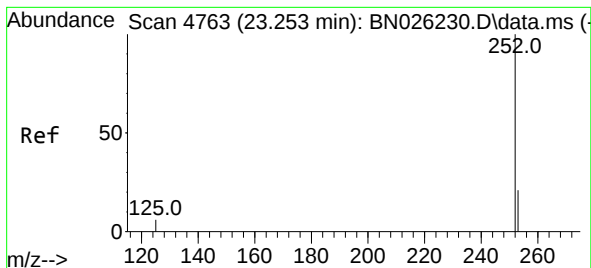
Tgt Ion:228 Resp: 475887
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.6
226 29.1 22.5 33.7



#22
Chrysene
Concen: 6.046 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026240.D
Acq: 04 Jul 2023 00:19

Tgt Ion:228 Resp: 565996
Ion Ratio Lower Upper
228 100
226 30.6 24.8 37.2
229 22.6 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 10.007 ng/ul

RT: 23.239 min Scan# 41

Delta R.T. -0.015 min

Lab File: BN026240.D

Acq: 04 Jul 2023 00:19

Instrument :

BNA_N

ClientSampleId :

DCGK3

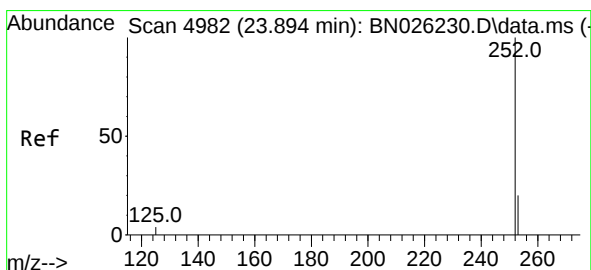
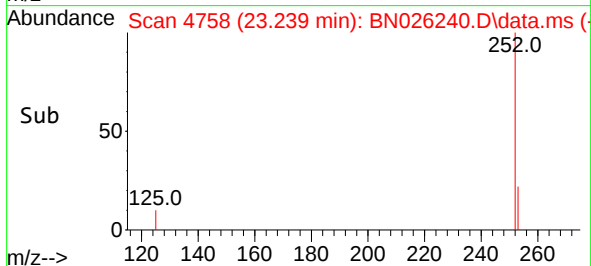
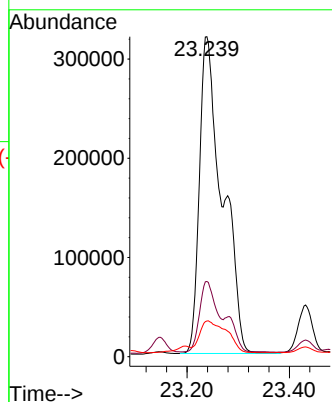
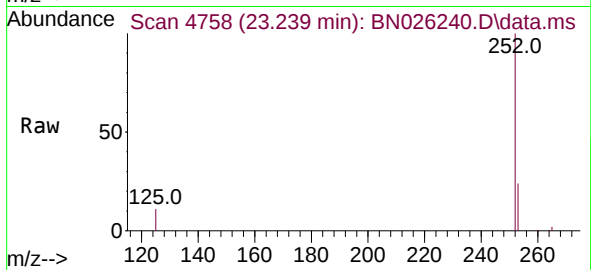
Tgt Ion:252 Resp: 992507

Ion Ratio Lower Upper

252 100

253 23.5 0.0 55.6

125 11.2 0.0 35.8



#26

Benzo(a)pyrene

Concen: 6.179 ng/ul

RT: 23.879 min Scan# 4977

Delta R.T. -0.015 min

Lab File: BN026240.D

Acq: 04 Jul 2023 00:19

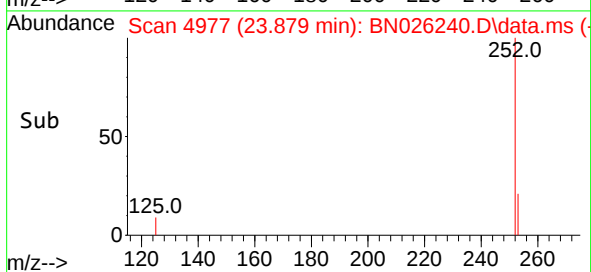
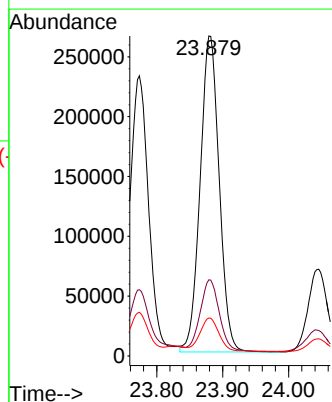
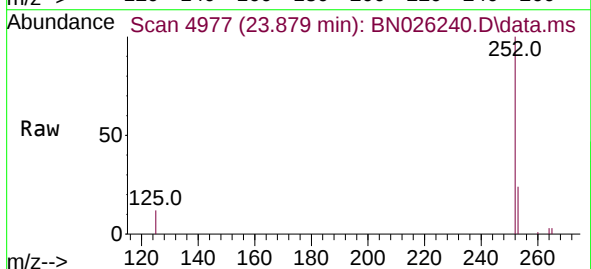
Tgt Ion:252 Resp: 532242

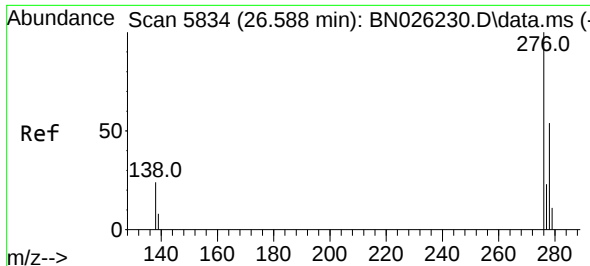
Ion Ratio Lower Upper

252 100

253 23.8 26.0 39.0#

125 11.8 17.3 25.9#

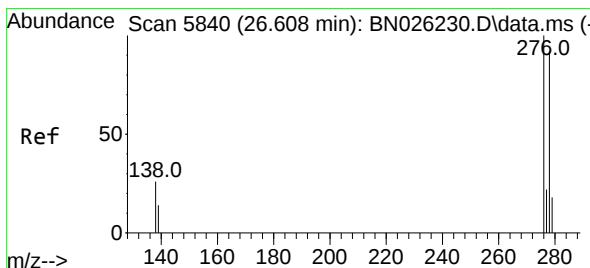
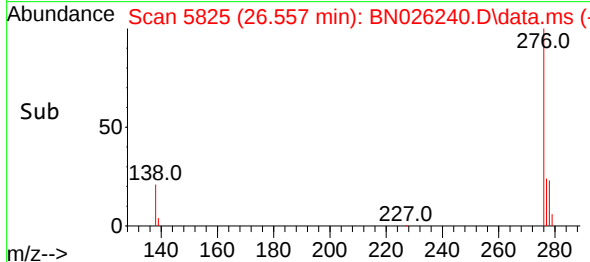
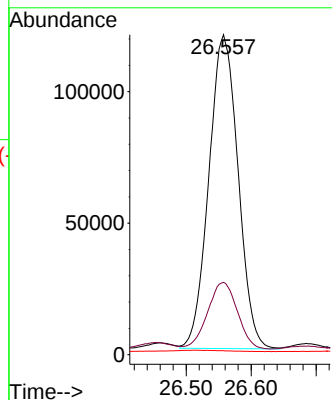
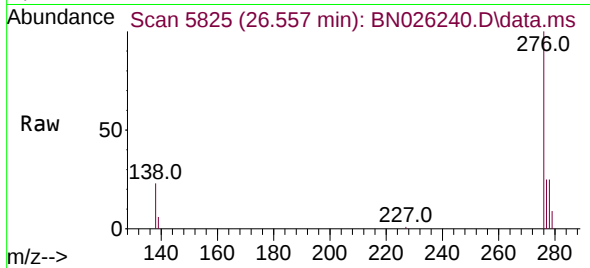




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.962 ng/ul
 RT: 26.557 min Scan# 5825
 Delta R.T. -0.030 min
 Lab File: BN026240.D
 Acq: 04 Jul 2023 00:19

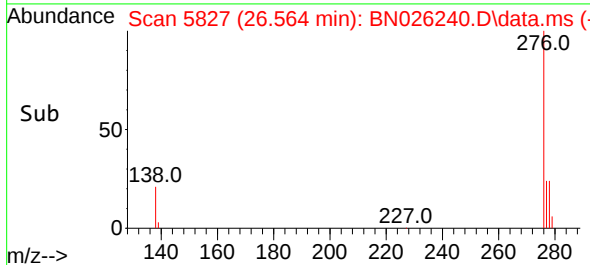
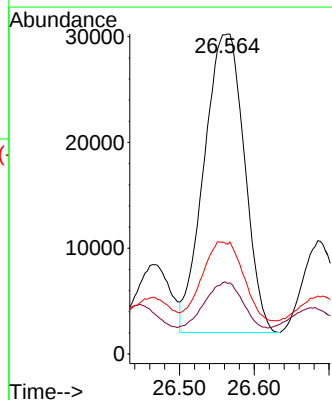
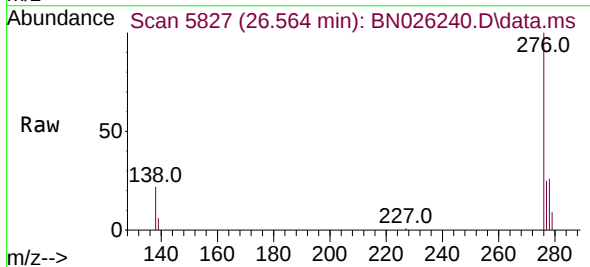
Instrument :
 BNA_N
 ClientSampleId :
 DCGK3

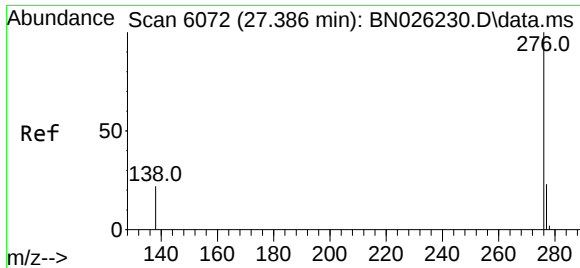
Tgt Ion:276 Resp: 372779
 Ion Ratio Lower Upper
 276 100
 138 21.6 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 1.489 ng/ul
 RT: 26.564 min Scan# 5827
 Delta R.T. -0.044 min
 Lab File: BN026240.D
 Acq: 04 Jul 2023 00:19

Tgt Ion:278 Resp: 106026
 Ion Ratio Lower Upper
 278 100
 139 22.1 19.0 28.4
 279 34.3 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 4.608 ng/ul
 RT: 27.356 min Scan# 6072
 Delta R.T. -0.030 min
 Lab File: BN026240.D
 Acq: 04 Jul 2023 00:19

Instrument :
 BNA_N
 ClientSampleId :
 DCGK3

Tgt Ion:276 Resp: 385721
 Ion Ratio Lower Upper
 276 100
 138 22.8 23.4 35.0#
 277 24.9 20.0 30.0

