

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026011.D
 Acq On : 24 Jun 2023 18:38
 Operator : MA/JU
 Sample : 03085-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ1

Quant Time: Jun 24 23:50:39 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

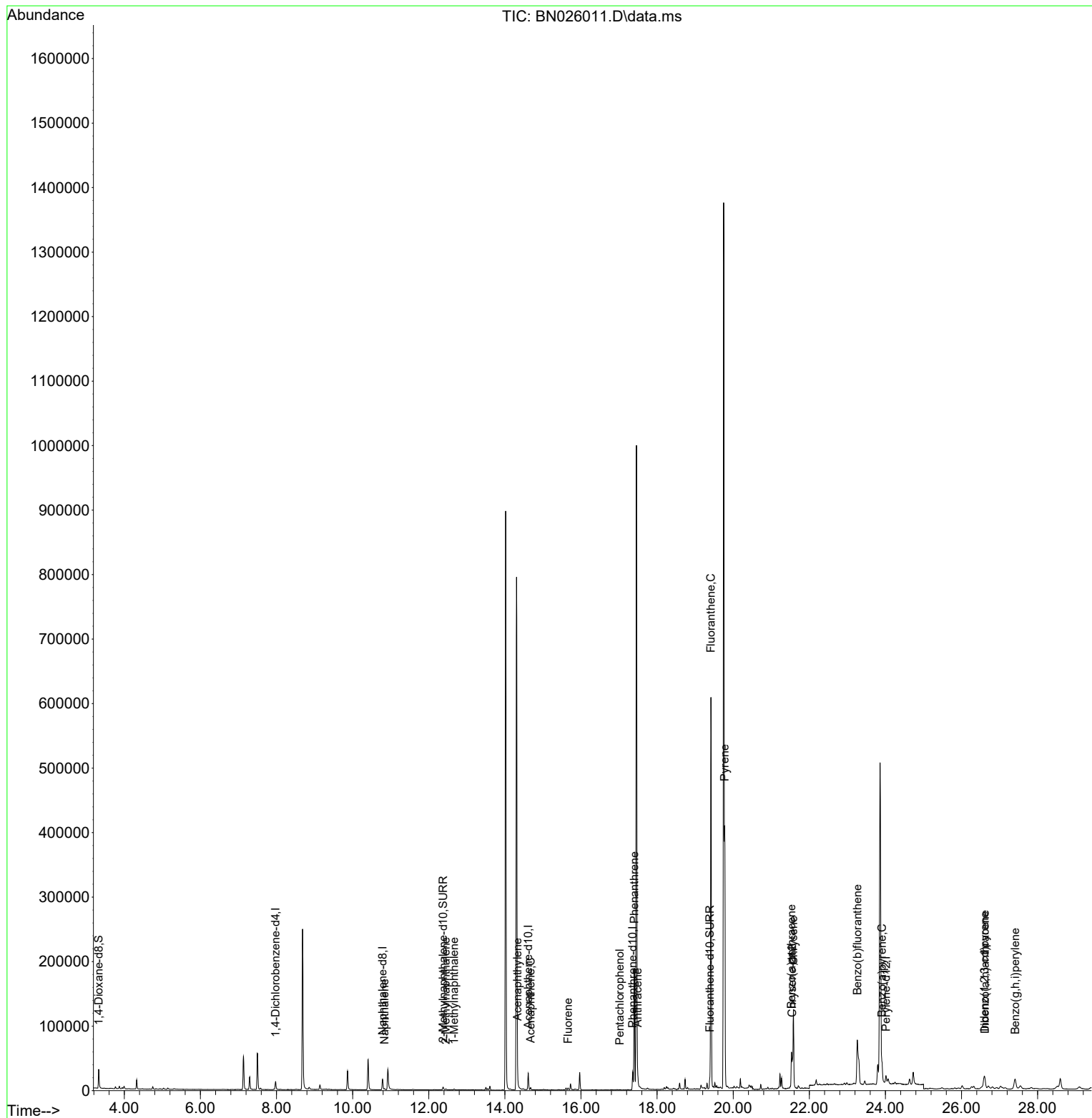
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	7356	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	23663	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.612	164	14693	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	32587	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	20950	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	17787	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	19585	2.364	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.376	152	6547	0.180	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	16143	0.202	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	2223	0.033	ng/ul#	85
7) 2-Methylnaphthalene	12.447	142	1128	0.026	ng/ul	94
8) 1-Methylnaphthalene	12.667	142	947	0.021	ng/ul	97
10) Acenaphthylene	14.334	152	10051	0.146	ng/ul	98
11) Acenaphthene	14.677	153	2038	0.036	ng/ul	95
12) Fluorene	15.662	166	2085	0.032	ng/ul#	96
14) Pentachlorophenol	17.018	266	241	0.021	ng/ul	97
15) Phenanthrene	17.402	178	204773	1.902	ng/ul	99
16) Anthracene	17.490	178	13581	0.142	ng/ul	95
19) Fluoranthene	19.415	202	521650	4.662	ng/ul	98
20) Pyrene	19.777	202	316292	2.718	ng/ul	98
21) Benzo(a)anthracene	21.529	228	44696	0.517	ng/ul	96
22) Chrysene	21.581	228	137116	1.525	ng/ul	98
24) Benzo(b)fluoranthene	23.262	252	154013	2.029	ng/ul	95
26) Benzo(a)pyrene	23.911	252	38759	0.588	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.601	276	38748	0.538	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.618	278	9122	0.167	ng/ul#	76
29) Benzo(g,h,i)perylene	27.409	276	37857	0.591	ng/ul	99

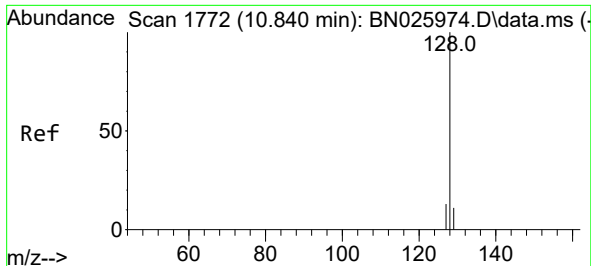
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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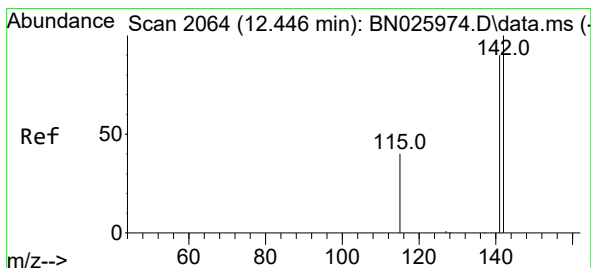
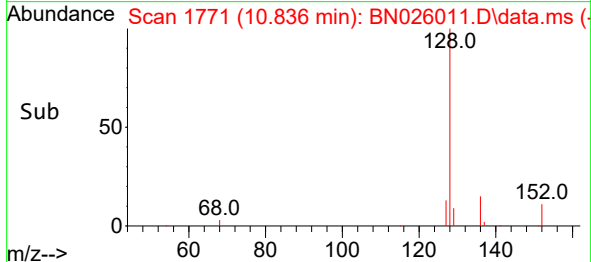
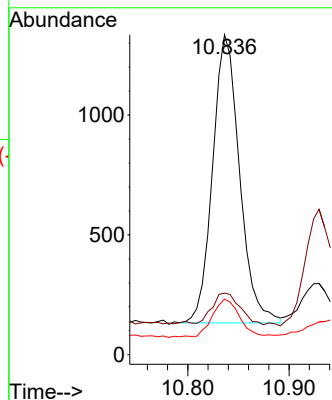
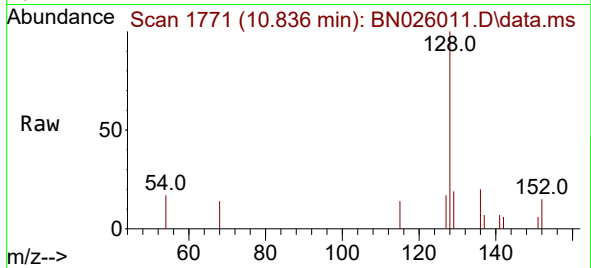




#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38

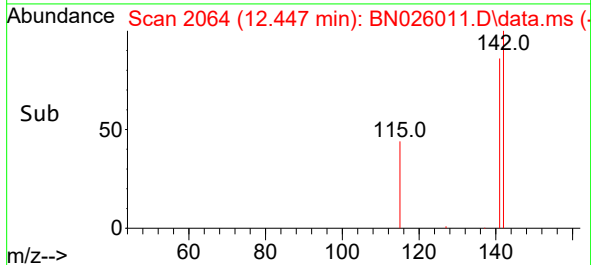
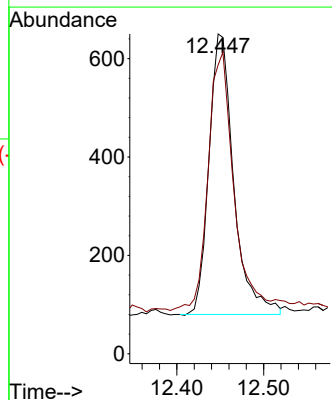
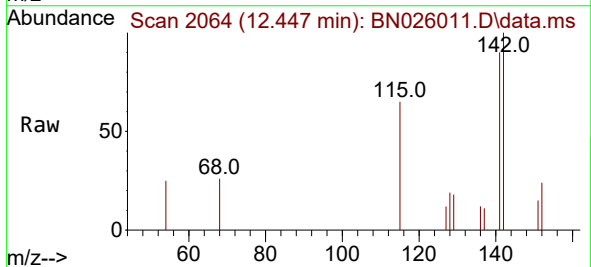
Instrument :
BNA_N
ClientSampleId :
DCFQ1

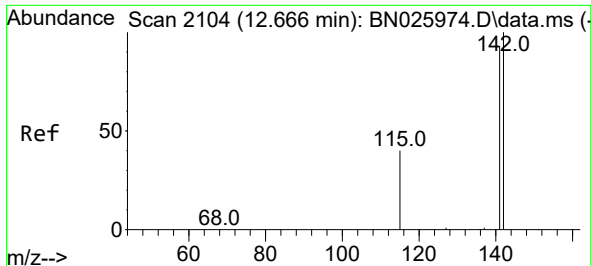
Tgt Ion:128 Resp: 2223
Ion Ratio Lower Upper
128 100
129 19.3 9.1 13.7#
127 17.4 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38

Tgt Ion:142 Resp: 1128
Ion Ratio Lower Upper
142 100
141 95.8 71.9 107.9

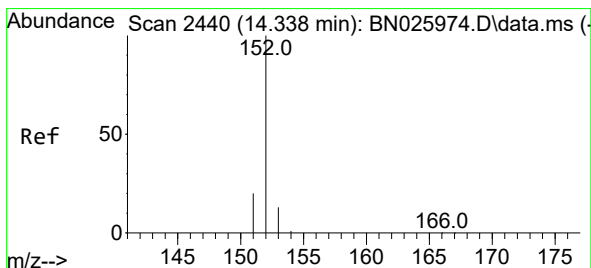
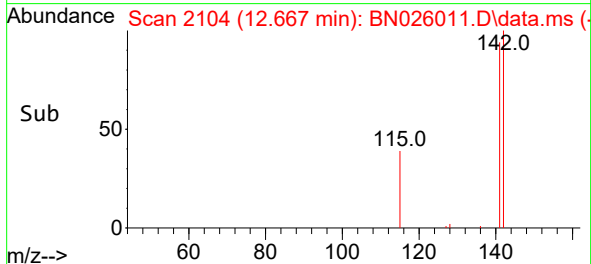
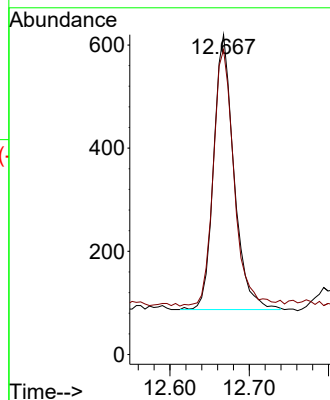
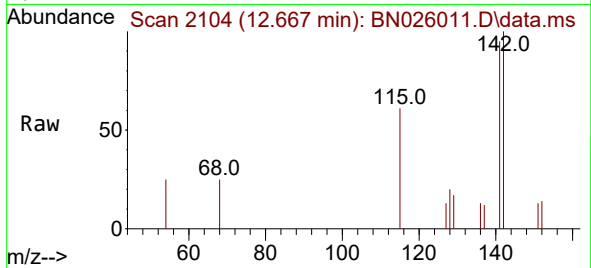




#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38

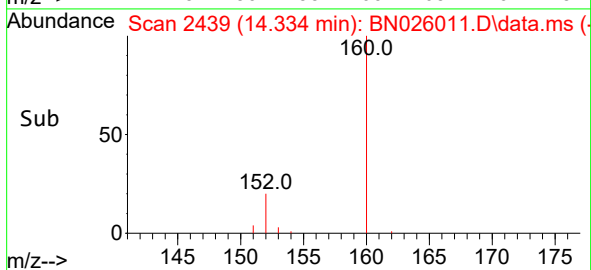
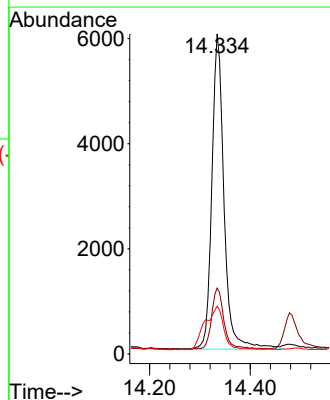
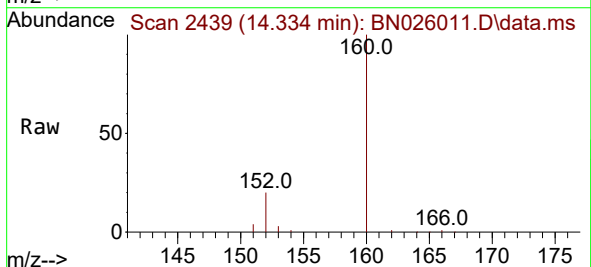
Instrument :
BNA_N
ClientSampleId :
DCFQ1

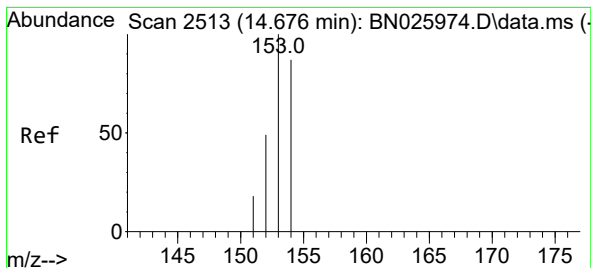
Tgt Ion:142 Resp: 947
Ion Ratio Lower Upper
142 100
141 95.4 74.2 111.4



#10
Acenaphthylene
Concen: 0.146 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38

Tgt Ion:152 Resp: 10051
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 14.9 10.9 16.3





#11

Acenaphthene

Concen: 0.036 ng/ul

RT: 14.677 min Scan# 2513

Delta R.T. -0.005 min

Lab File: BN026011.D

Acq: 24 Jun 2023 18:38

Instrument :

BNA_N

ClientSampleId :

DCFQ1

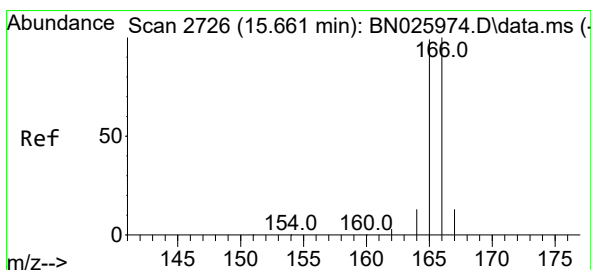
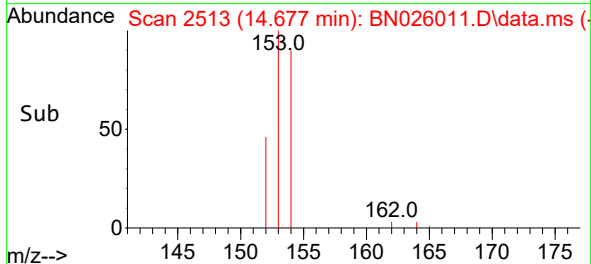
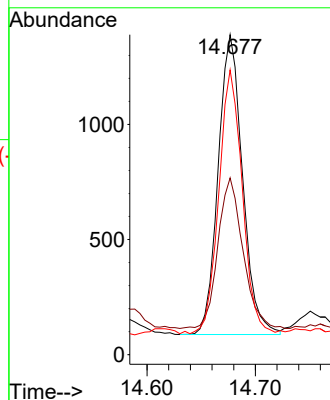
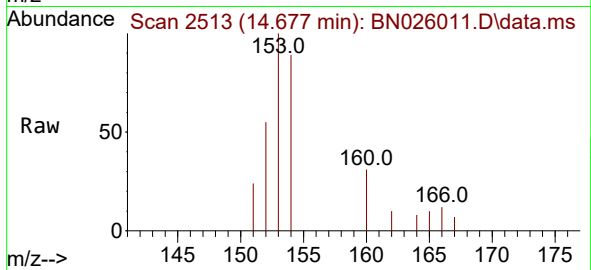
Tgt Ion:153 Resp: 2038

Ion Ratio Lower Upper

153 100

152 55.3 39.4 59.0

154 89.0 68.9 103.3



#12

Fluorene

Concen: 0.032 ng/ul

RT: 15.662 min Scan# 2726

Delta R.T. -0.005 min

Lab File: BN026011.D

Acq: 24 Jun 2023 18:38

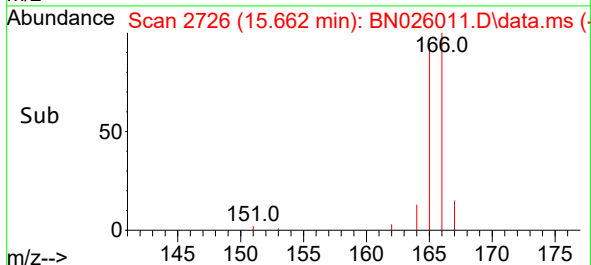
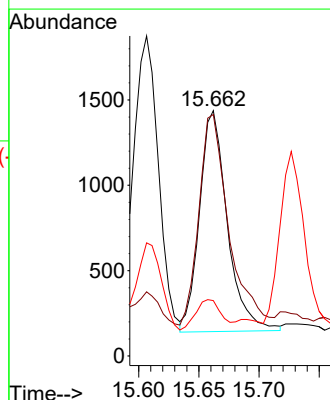
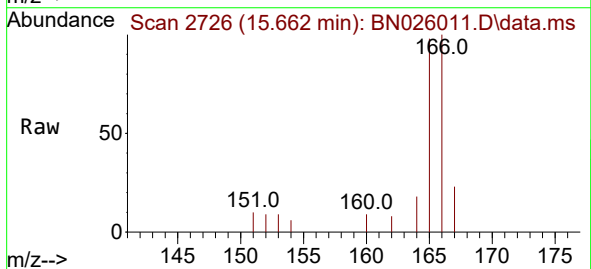
Tgt Ion:166 Resp: 2085

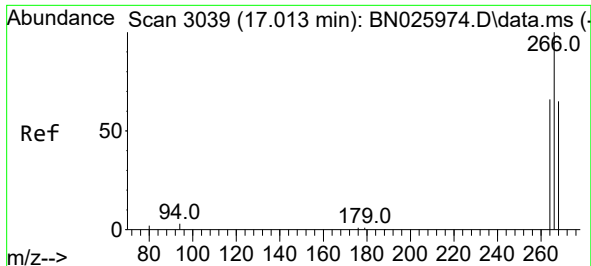
Ion Ratio Lower Upper

166 100

165 98.5 79.9 119.9

167 22.6 10.8 16.2#

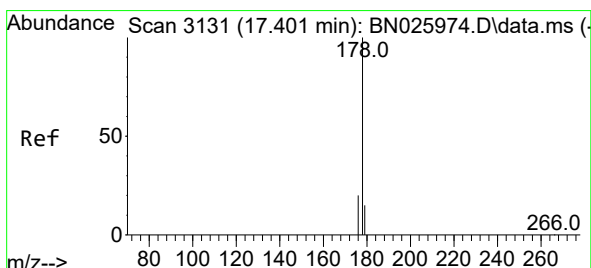
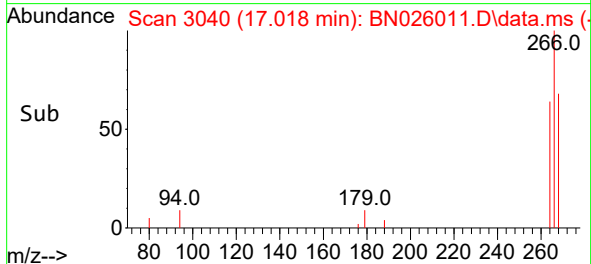
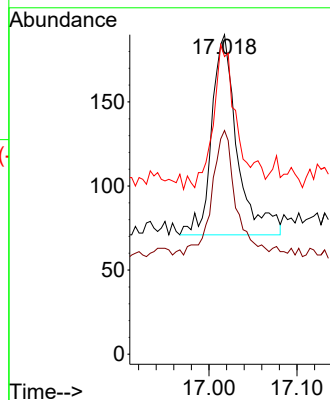
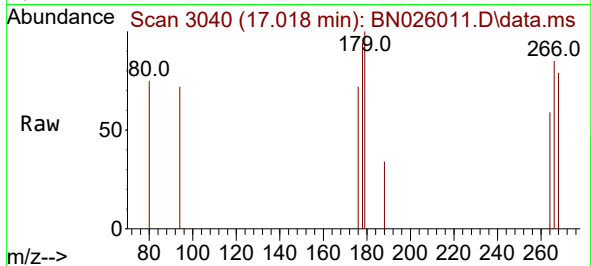




#14
Pentachlorophenol
Concen: 0.021 ng/ul
RT: 17.018 min Scan# 3040
Delta R.T. -0.000 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38

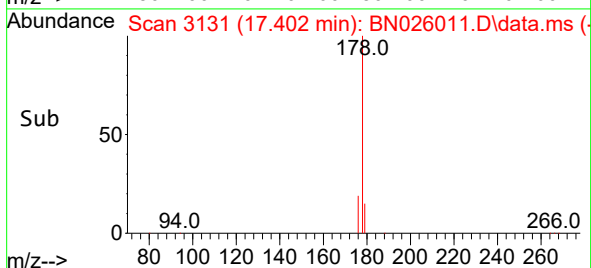
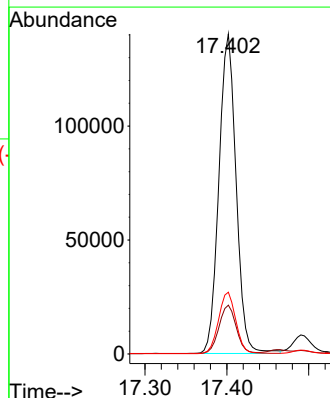
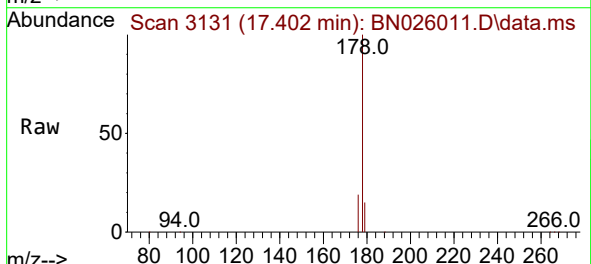
Instrument :
BNA_N
ClientSampleId :
DCFQ1

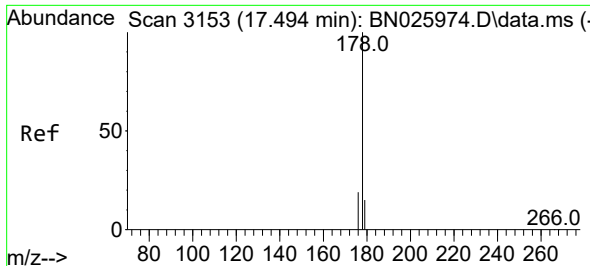
Tgt Ion:266 Resp: 241
Ion Ratio Lower Upper
266 100
264 59.3 50.5 75.7
268 64.7 51.6 77.4



#15
Phenanthrene
Concen: 1.902 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38

Tgt Ion:178 Resp: 204773
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 19.3 15.8 23.6

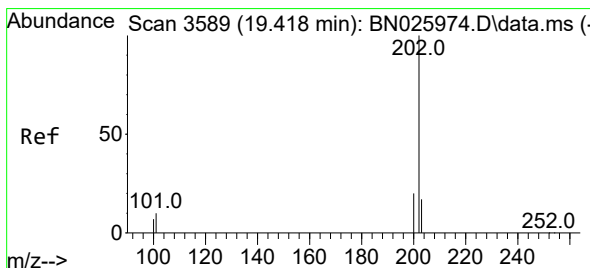
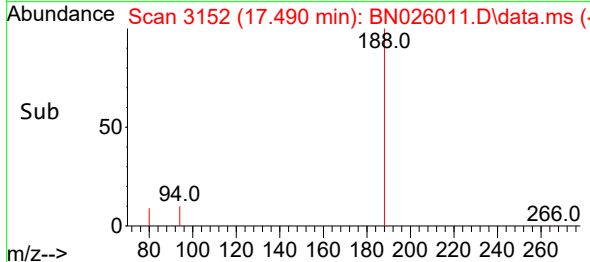
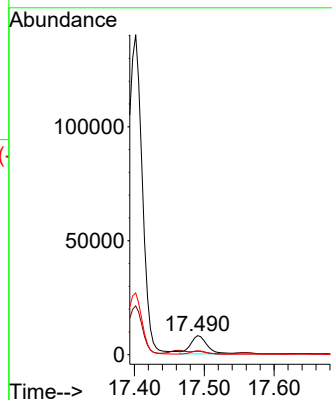
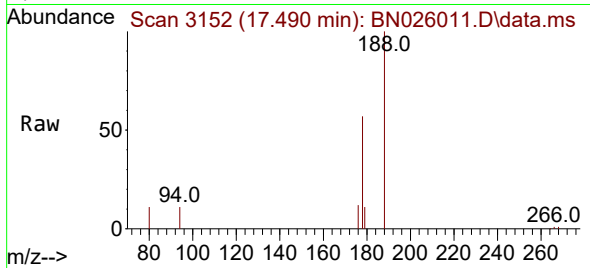




#16
 Anthracene
 Concen: 0.142 ng/ul
 RT: 17.490 min Scan# 3153
 Delta R.T. -0.008 min
 Lab File: BN026011.D
 Acq: 24 Jun 2023 18:38

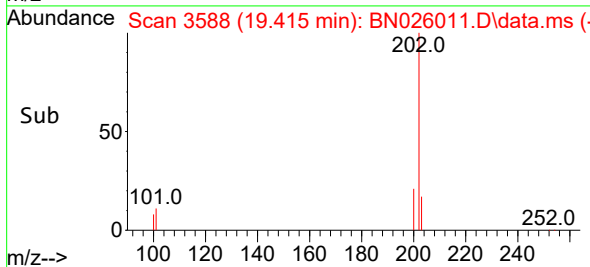
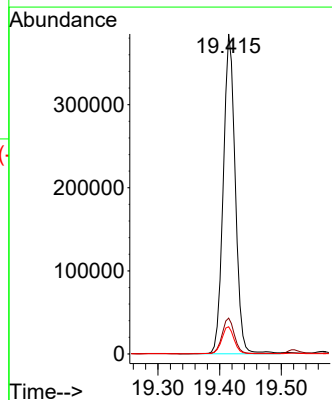
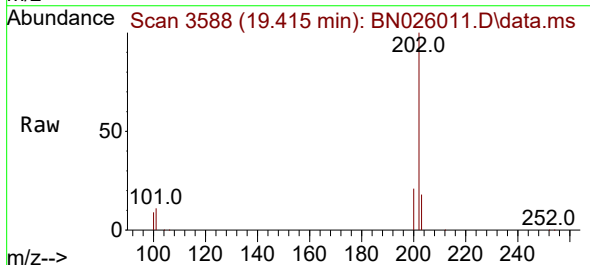
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 DCFQ1

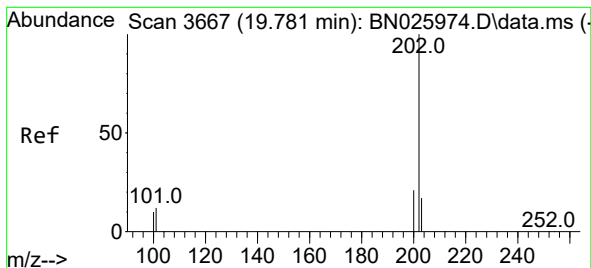
Tgt Ion:178 Resp: 13581
 Ion Ratio Lower Upper
 178 100
 179 18.6 12.6 18.8
 176 20.2 15.1 22.7



#19
 Fluoranthene
 Concen: 4.662 ng/ul
 RT: 19.415 min Scan# 3588
 Delta R.T. -0.005 min
 Lab File: BN026011.D
 Acq: 24 Jun 2023 18:38

Tgt Ion:202 Resp: 521650
 Ion Ratio Lower Upper
 202 100
 101 11.2 9.5 14.3
 100 8.5 7.3 10.9





#20

Pyrene

Concen: 2.718 ng/ul

RT: 19.777 min Scan# 31

Delta R.T. -0.005 min

Lab File: BN026011.D

Acq: 24 Jun 2023 18:38

Instrument :

BNA_N

ClientSampleId :

DCFQ1

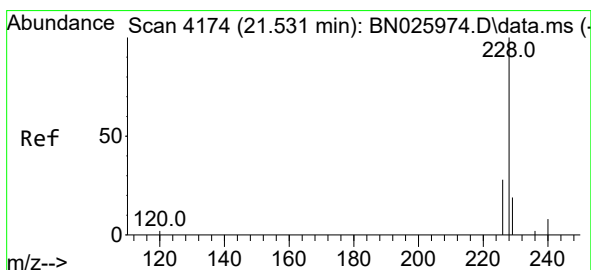
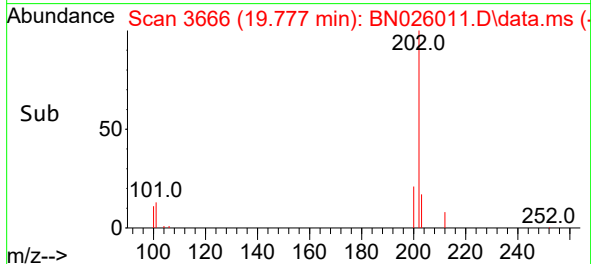
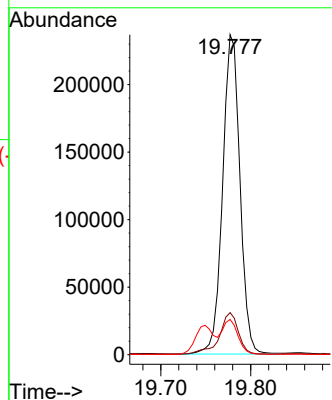
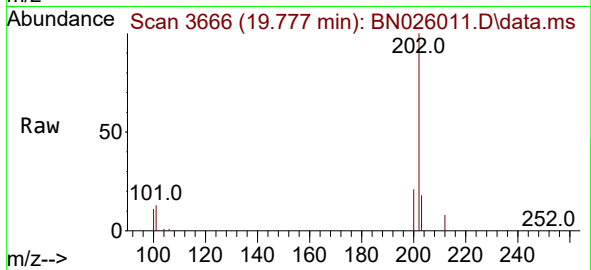
Tgt Ion:202 Resp: 316292

Ion Ratio Lower Upper

202 100

101 13.2 11.4 17.0

100 11.0 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.517 ng/ul

RT: 21.529 min Scan# 4173

Delta R.T. -0.003 min

Lab File: BN026011.D

Acq: 24 Jun 2023 18:38

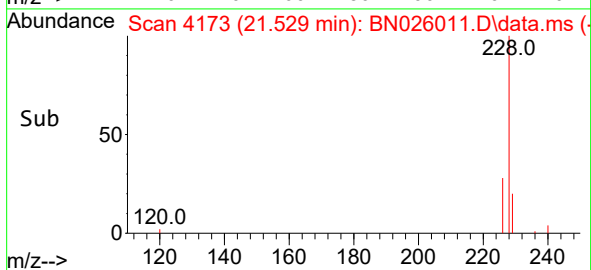
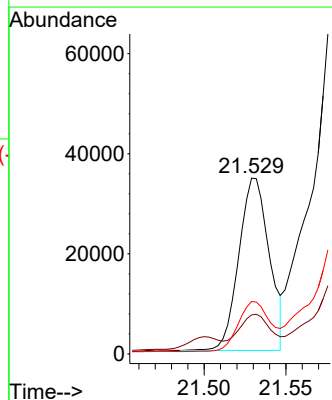
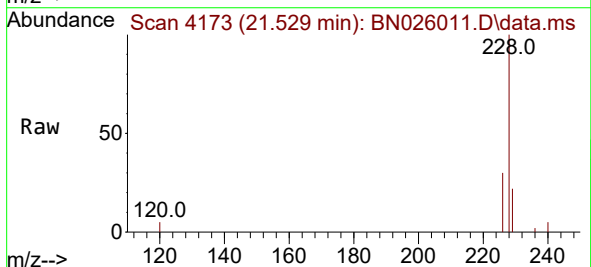
Tgt Ion:228 Resp: 44696

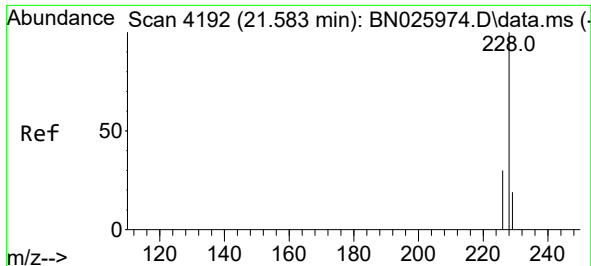
Ion Ratio Lower Upper

228 100

229 22.2 15.8 23.6

226 29.9 22.5 33.7





#22

Chrysene

Concen: 1.525 ng/ul

RT: 21.581 min Scan# 4192

Delta R.T. -0.003 min

Lab File: BN026011.D

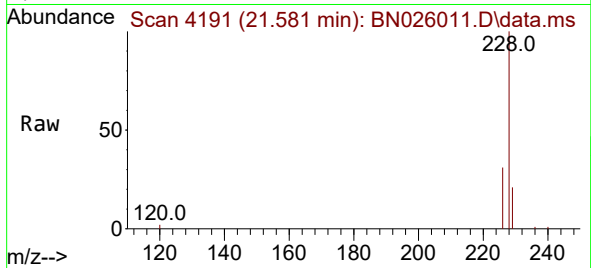
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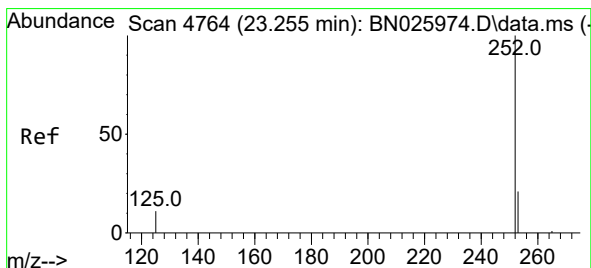
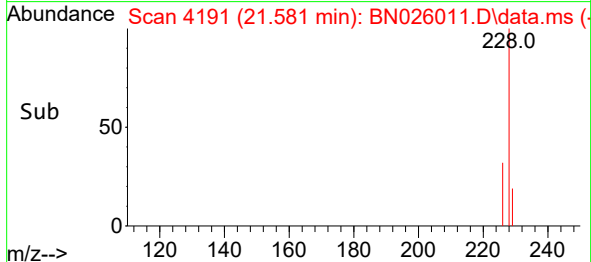
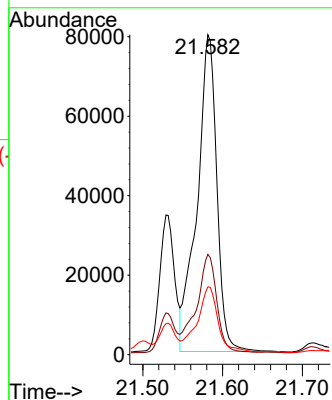
Tgt Ion:228 Resp: 137116

Ion Ratio Lower Upper

228 100

226 31.3 24.8 37.2

229 21.2 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 2.029 ng/ul

RT: 23.262 min Scan# 4766

Delta R.T. 0.006 min

Lab File: BN026011.D

Acq: 24 Jun 2023 18:38

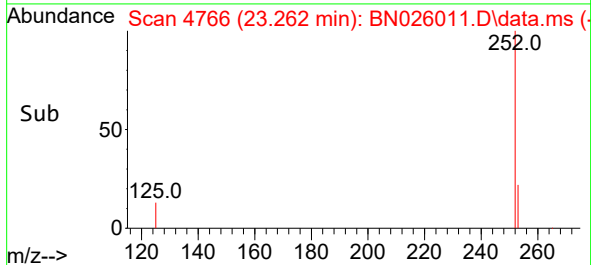
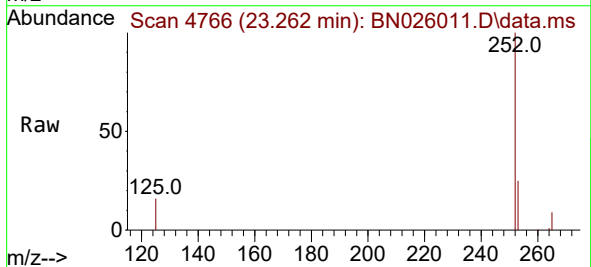
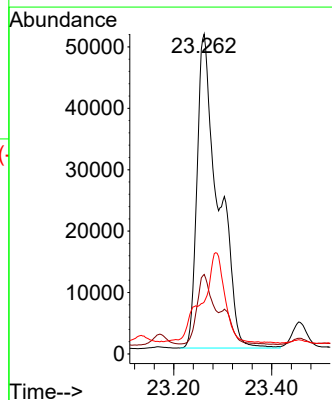
Tgt Ion:252 Resp: 154013

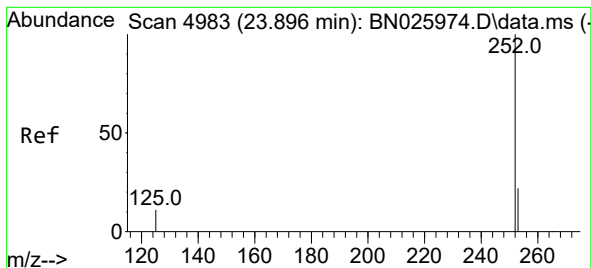
Ion Ratio Lower Upper

252 100

253 24.9 0.0 55.6

125 16.3 0.0 35.8





#26

Benzo(a)pyrene

Concen: 0.588 ng/ul

RT: 23.911 min Scan# 4983

Delta R.T. 0.003 min

Lab File: BN026011.D

Acq: 24 Jun 2023 18:38

Instrument :

BNA_N

ClientSampleId :

DCFQ1

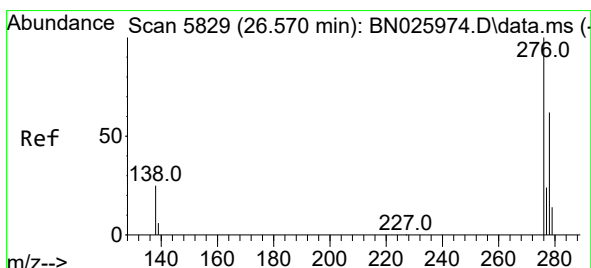
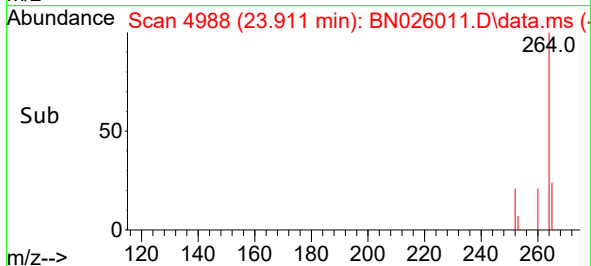
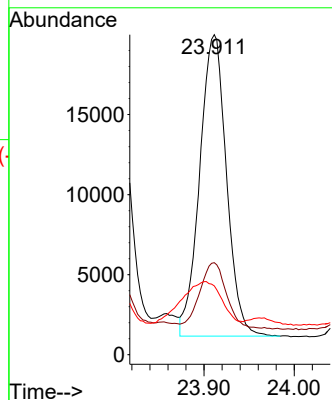
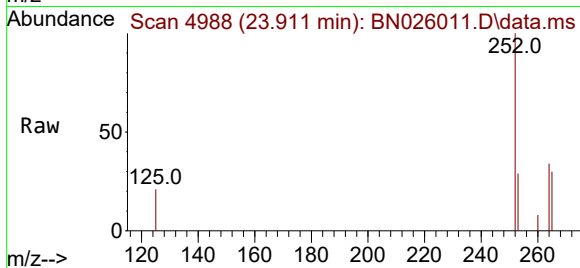
Tgt Ion:252 Resp: 38759

Ion Ratio Lower Upper

252 100

253 28.8 26.0 39.0

125 21.5 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.538 ng/ul

RT: 26.601 min Scan# 5838

Delta R.T. 0.007 min

Lab File: BN026011.D

Acq: 24 Jun 2023 18:38

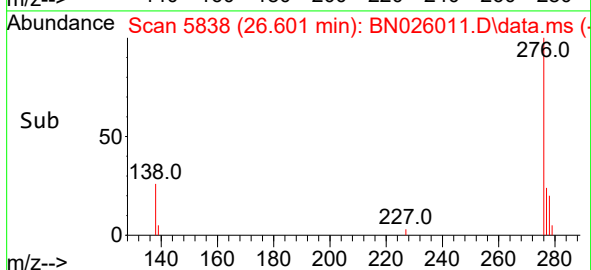
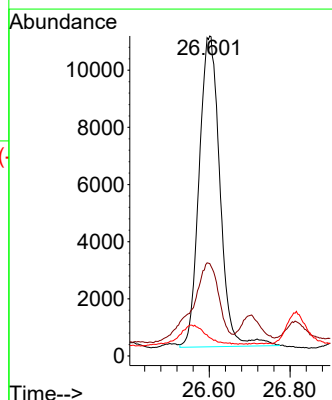
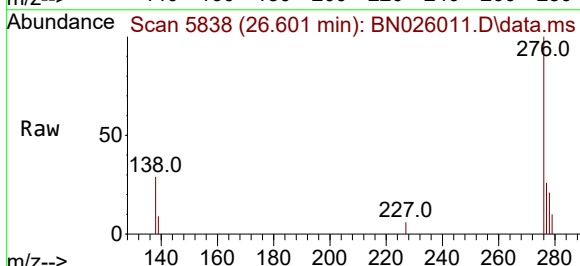
Tgt Ion:276 Resp: 38748

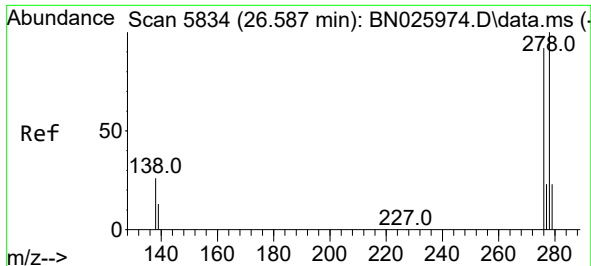
Ion Ratio Lower Upper

276 100

138 33.5 24.5 36.7

227 0.0 0.0 0.0

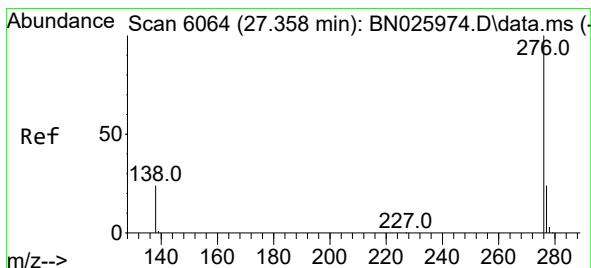
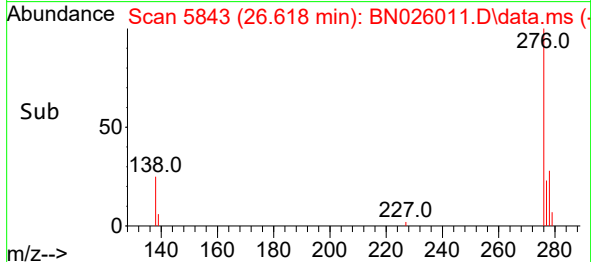
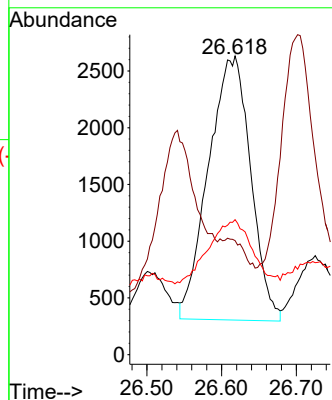
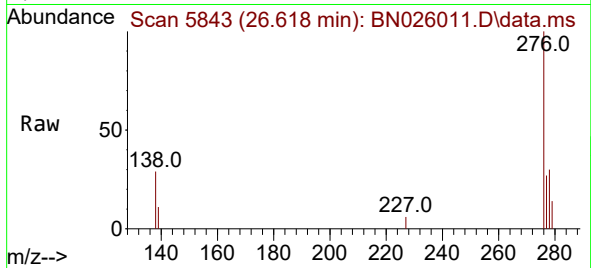




#28
 Dibenzo(a,h)anthracene
 Concen: 0.167 ng/ul
 RT: 26.618 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BN026011.D
 Acq: 24 Jun 2023 18:38

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ1

Tgt Ion:278 Resp: 9122
 Ion Ratio Lower Upper
 278 100
 139 38.2 19.0 28.4#
 279 45.2 26.7 40.1#



#29
 Benzo(g,h,i)perylene
 Concen: 0.591 ng/ul
 RT: 27.409 min Scan# 6079
 Delta R.T. 0.023 min
 Lab File: BN026011.D
 Acq: 24 Jun 2023 18:38

Tgt Ion:276 Resp: 37857
 Ion Ratio Lower Upper
 276 100
 138 28.4 23.4 35.0
 277 25.4 20.0 30.0

