

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024485.D
 Acq On : 22 Mar 2023 18:25
 Operator : CG/JU
 Sample : 01947-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB937

Quant Time: Mar 23 03:10:46 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 14:57:36 2023
 Response via : Initial Calibration

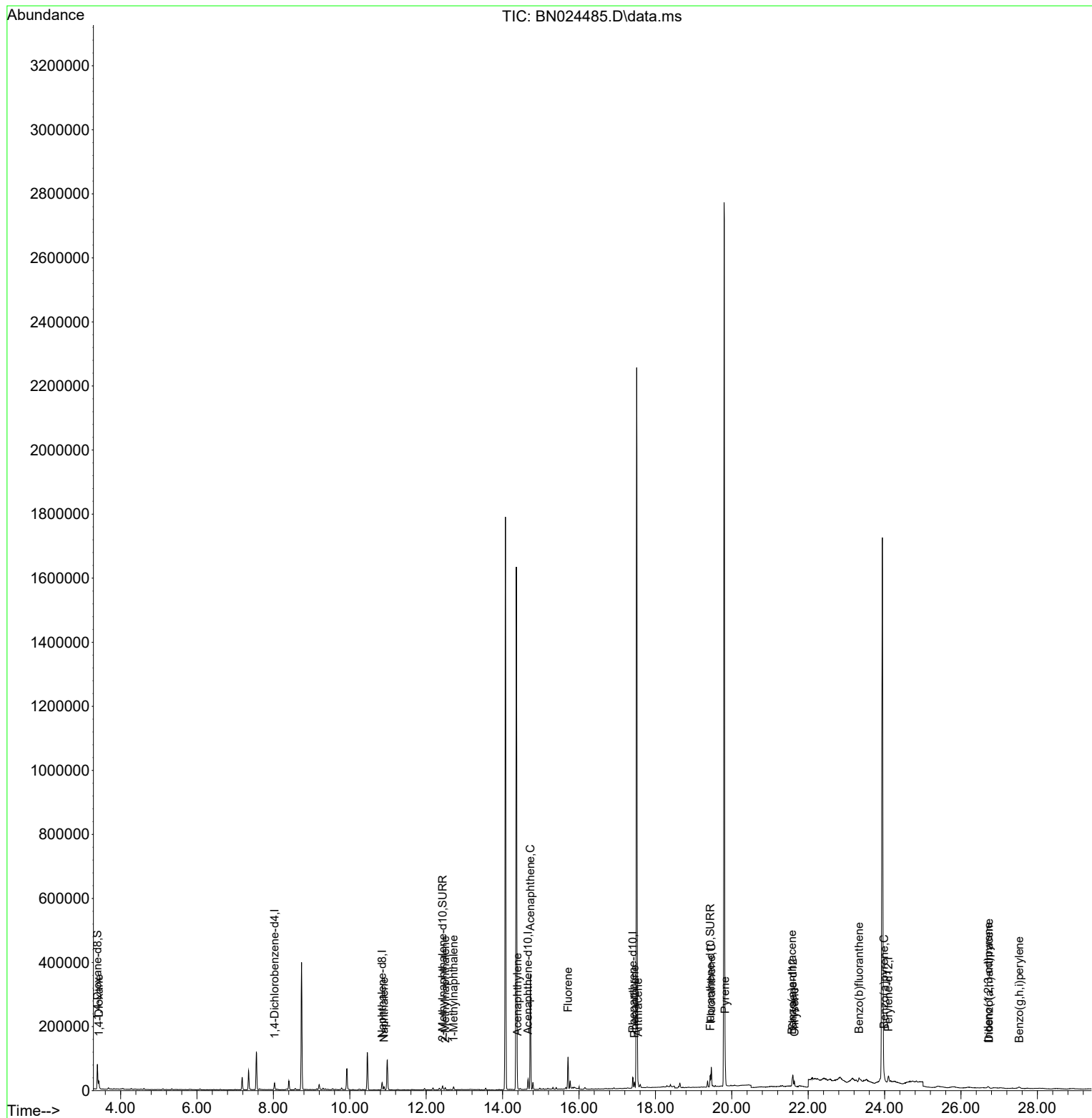
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	10409	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	30318	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.666	164	17771	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	37172	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.600	240	29004	0.400	ng/ul	# 0.00
23) Perylene-d12	24.100	264	29386	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	49202	4.295	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	13852	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	34956	0.453	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	14436	1.159	ng/ul#	84
5) Naphthalene	10.894	128	13384	0.177	ng/ul	97
7) 2-Methylnaphthalene	12.500	142	4693	0.102	ng/ul	97
8) 1-Methylnaphthalene	12.720	142	6021	0.125	ng/ul	98
10) Acenaphthylene	14.388	152	5594	0.075	ng/ul#	76
11) Acenaphthene	14.726	153	200631	3.512	ng/ul	97
12) Fluorene	15.711	166	60852	0.954	ng/ul	98
15) Phenanthrene	17.451	178	18572	0.174	ng/ul#	86
16) Anthracene	17.544	178	14173	0.152	ng/ul#	77
19) Fluoranthene	19.464	202	48747	0.422	ng/ul#	93
20) Pyrene	19.827	202	52458	0.448	ng/ul#	93
21) Benzo(a)anthracene	21.580	228	17743	0.187	ng/ul#	81
22) Chrysene	21.638	228	17782	0.178	ng/ul#	79
24) Benzo(b)fluoranthene	23.331	252	31540	0.281	ng/ul#	1
26) Benzo(a)pyrene	23.986	252	16560	0.172	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.713	276	9389	0.086	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.733	278	2298	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	27.528	276	9863	0.105	ng/ul#	38

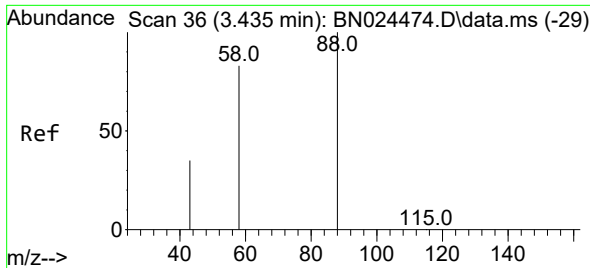
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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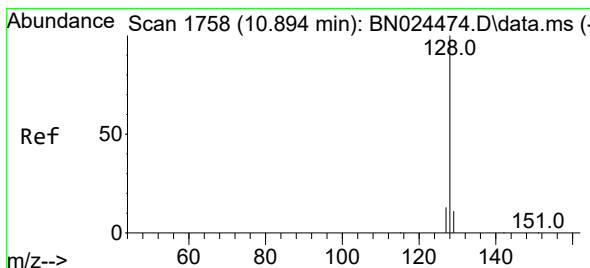
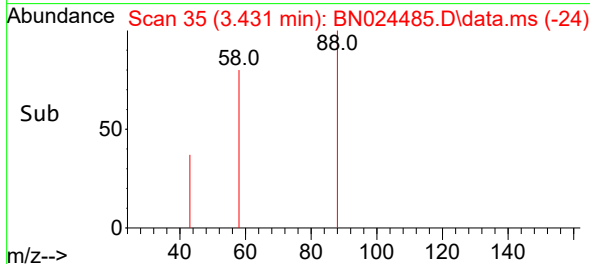
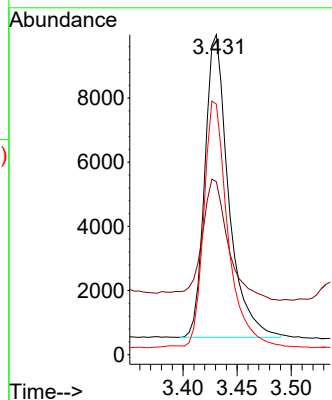
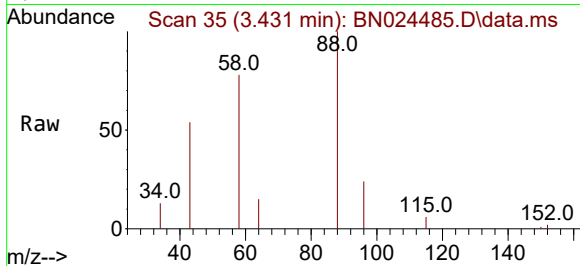




#2
 1,4-Dioxane
 Concen: 1.159 ng/ul
 RT: 3.431 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN024485.D
 Acq: 22 Mar 2023 18:25

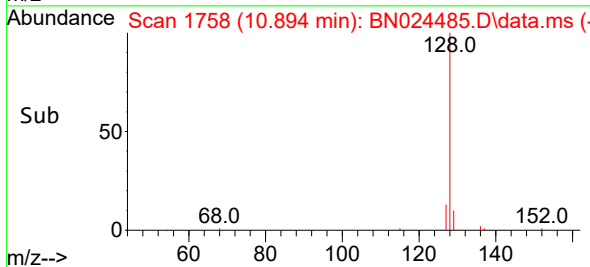
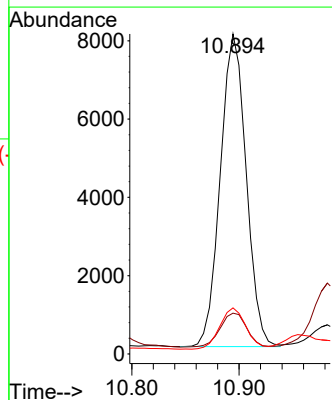
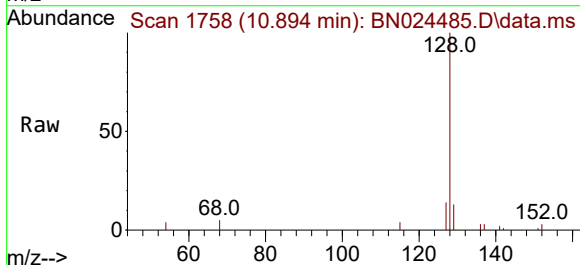
Instrument :
 BNA_N
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 CB937

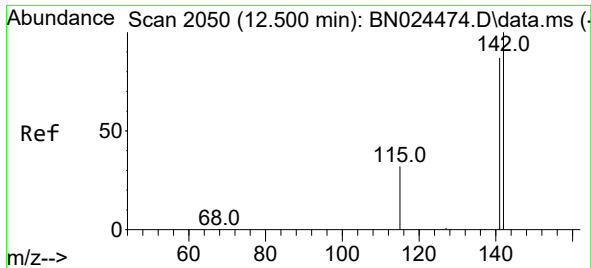
Tgt Ion: 88 Resp: 14436
 Ion Ratio Lower Upper
 88 100
 43 54.0 32.1 48.1#
 58 78.3 55.1 82.7



#5
 Naphthalene
 Concen: 0.177 ng/ul
 RT: 10.894 min Scan# 1758
 Delta R.T. -0.000 min
 Lab File: BN024485.D
 Acq: 22 Mar 2023 18:25

Tgt Ion:128 Resp: 13384
 Ion Ratio Lower Upper
 128 100
 129 12.7 9.0 13.6
 127 14.4 10.5 15.7

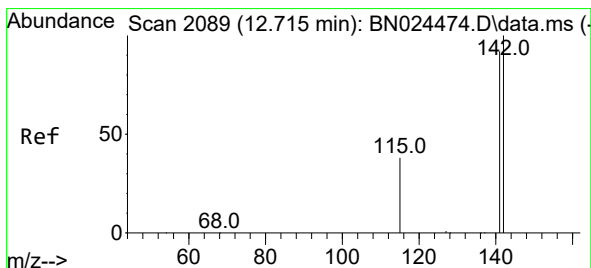
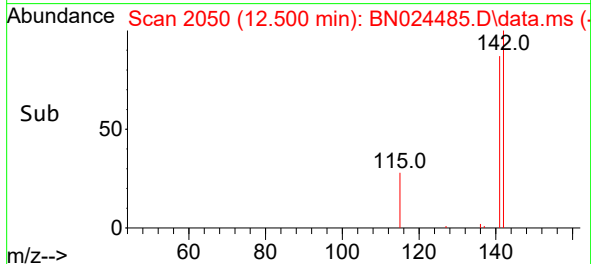
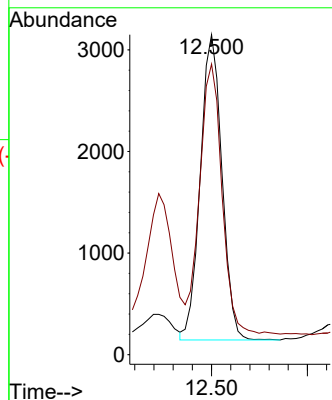
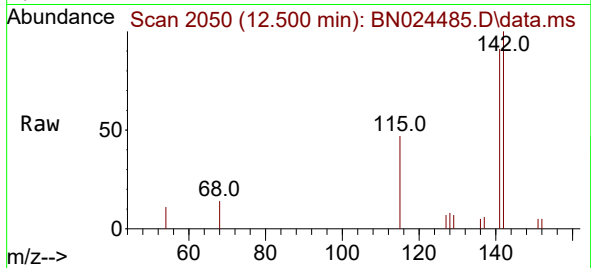




#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

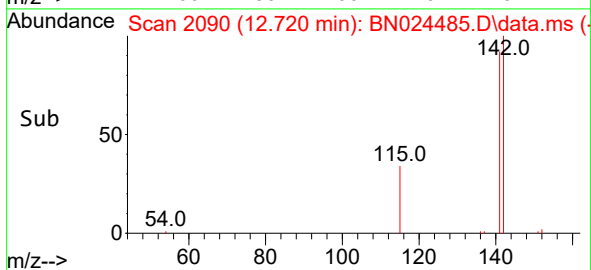
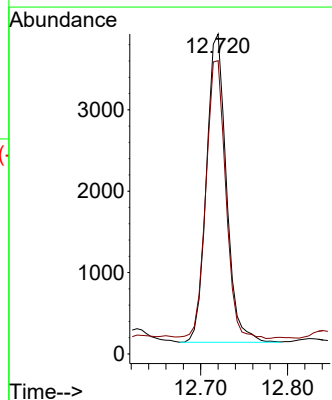
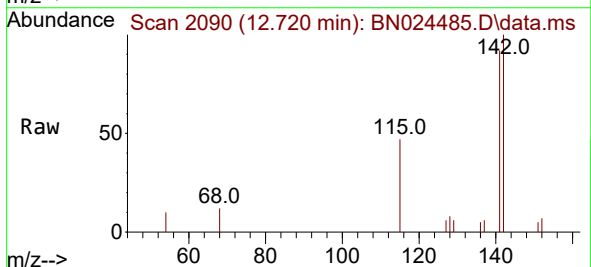
Instrument :
BNA_N
ClientSampleId :
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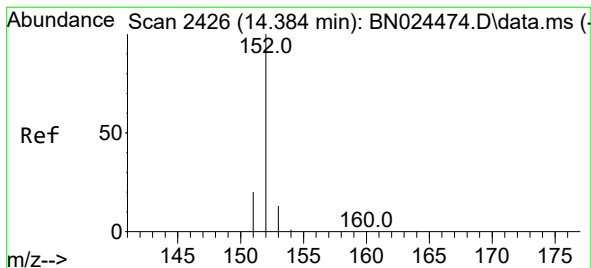
Tgt Ion:142 Resp: 4693
Ion Ratio Lower Upper
142 100
141 90.9 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.125 ng/ul
RT: 12.720 min Scan# 2090
Delta R.T. 0.005 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

Tgt Ion:142 Resp: 6021
Ion Ratio Lower Upper
142 100
141 89.6 73.0 109.6





#10

Acenaphthylene

Concen: 0.075 ng/ul

RT: 14.388 min Scan# 2426

Delta R.T. 0.005 min

Lab File: BN024485.D

Acq: 22 Mar 2023 18:25

Instrument :

BNA_N

ClientSampleId :

CB937

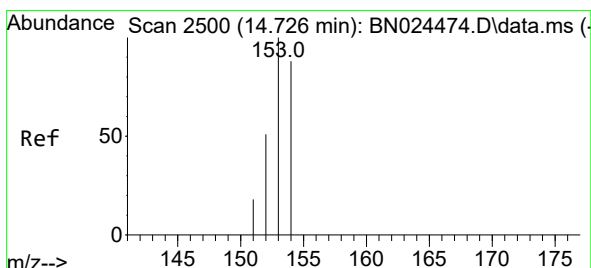
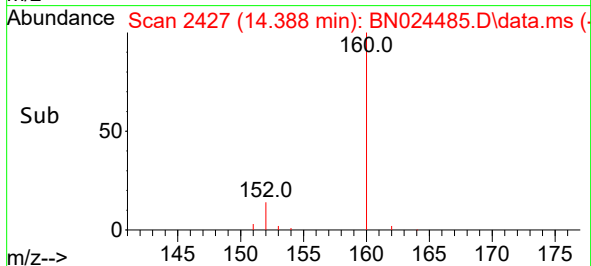
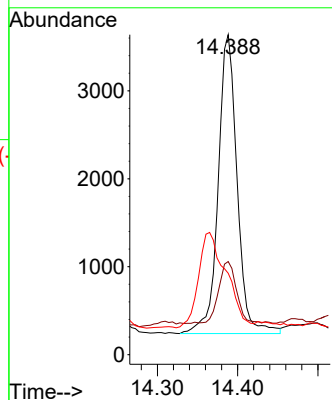
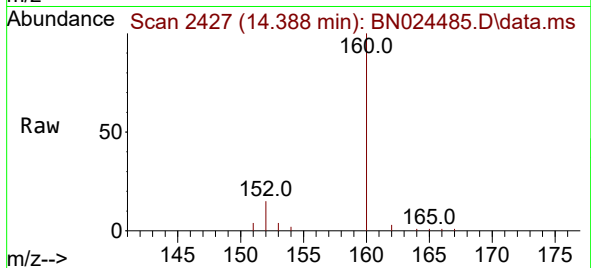
Tgt Ion:152 Resp: 5594

Ion Ratio Lower Upper

152 100

151 29.1 15.9 23.9#

153 25.5 10.6 16.0#



#11

Acenaphthene

Concen: 3.512 ng/ul

RT: 14.726 min Scan# 2500

Delta R.T. -0.000 min

Lab File: BN024485.D

Acq: 22 Mar 2023 18:25

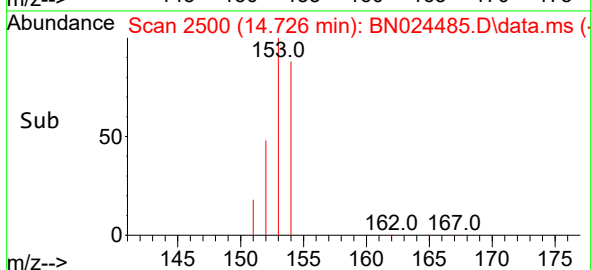
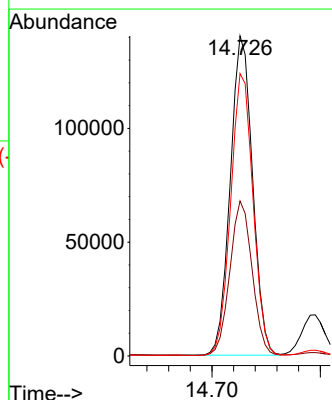
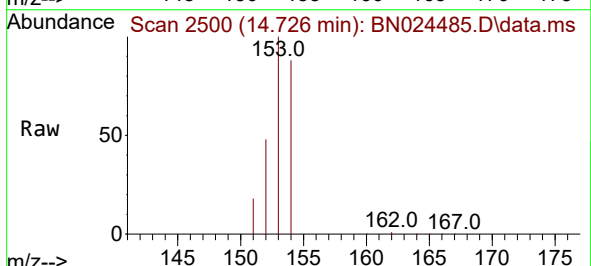
Tgt Ion:153 Resp: 200631

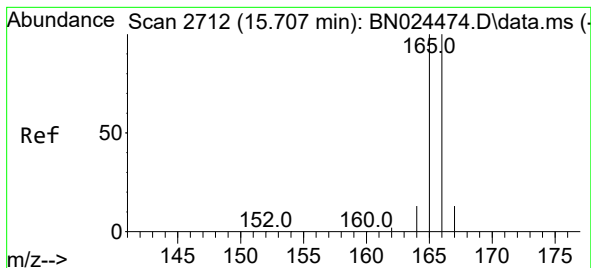
Ion Ratio Lower Upper

153 100

152 48.5 42.6 64.0

154 88.3 70.6 105.8





#12

Fluorene

Concen: 0.954 ng/ul

RT: 15.711 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN024485.D

Acq: 22 Mar 2023 18:25

Instrument :

BNA_N

ClientSampleId :

CB937

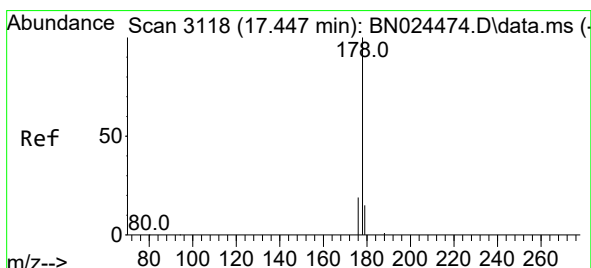
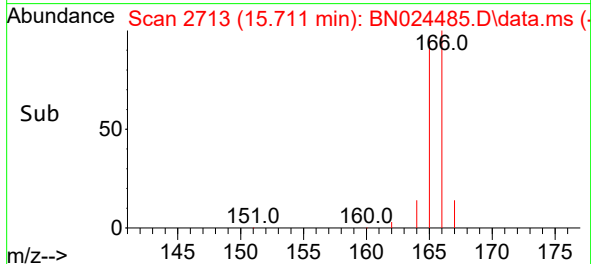
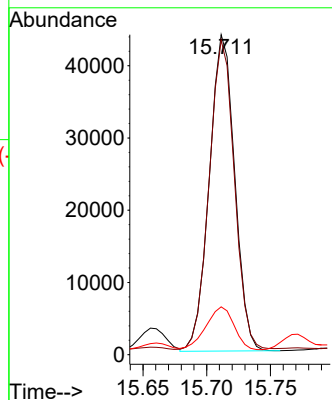
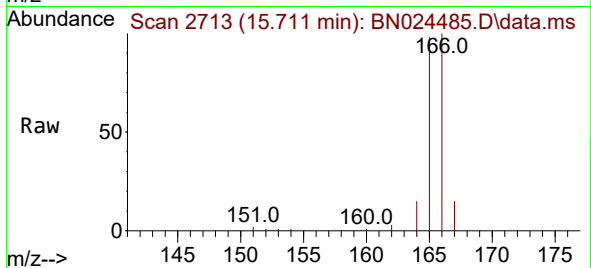
Tgt Ion:166 Resp: 60852

Ion Ratio Lower Upper

166 100

165 98.3 77.4 116.0

167 14.9 10.9 16.3



#15

Phenanthrene

Concen: 0.174 ng/ul

RT: 17.451 min Scan# 3119

Delta R.T. 0.004 min

Lab File: BN024485.D

Acq: 22 Mar 2023 18:25

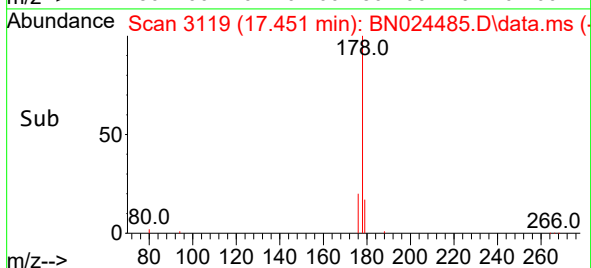
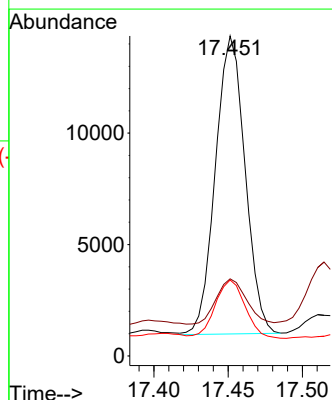
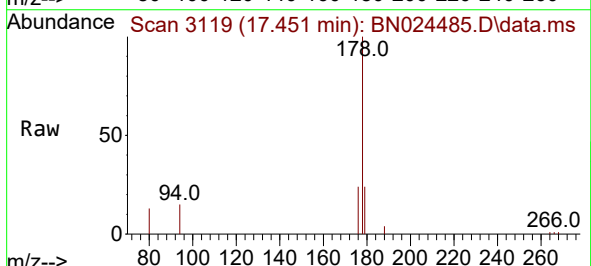
Tgt Ion:178 Resp: 18572

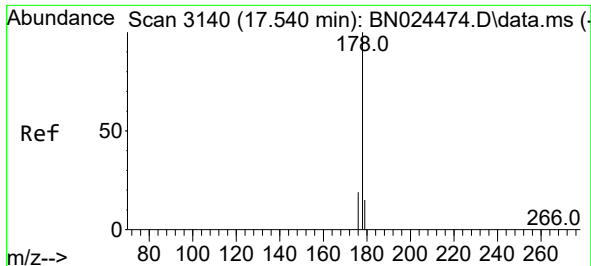
Ion Ratio Lower Upper

178 100

179 24.1 12.2 18.2#

176 23.7 15.7 23.5#

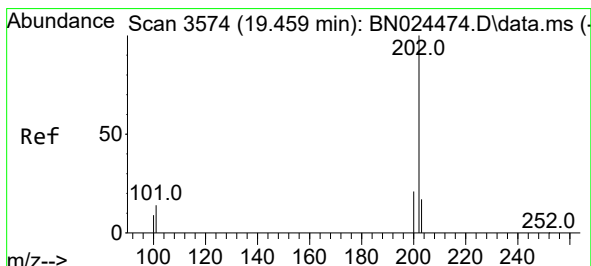
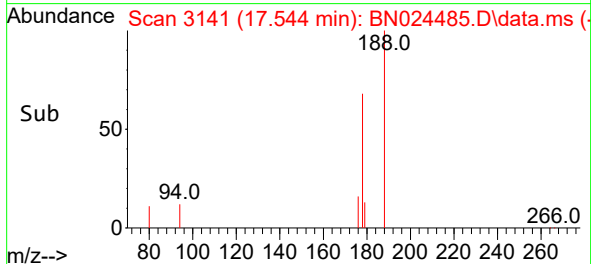
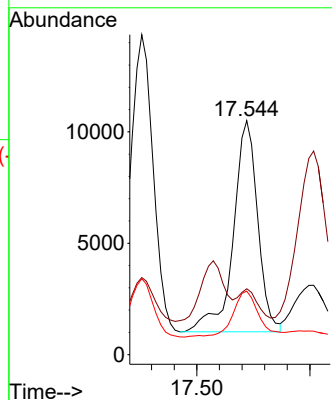
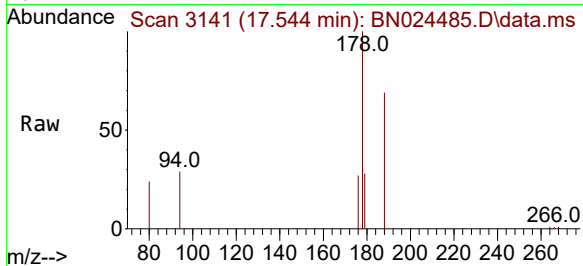




#16
 Anthracene
 Concen: 0.152 ng/ul
 RT: 17.544 min Scan# 3140
 Delta R.T. 0.004 min
 Lab File: BN024485.D
 Acq: 22 Mar 2023 18:25

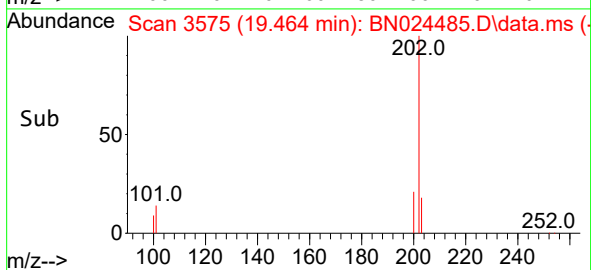
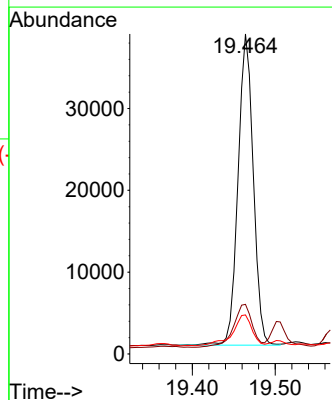
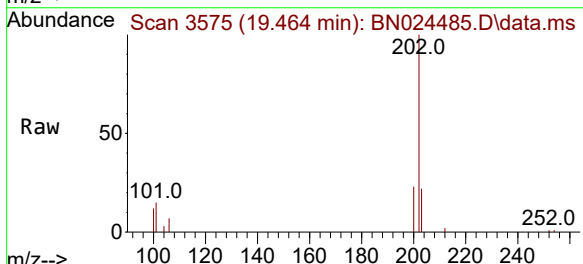
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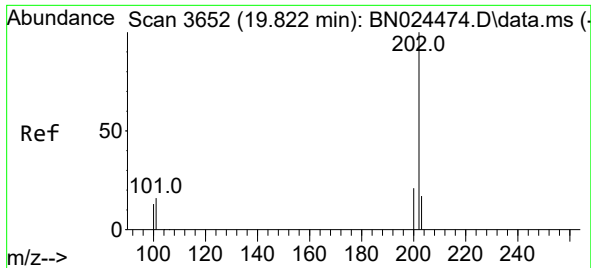
Tgt Ion:178 Resp: 14173
 Ion Ratio Lower Upper
 178 100
 179 28.1 12.3 18.5#
 176 27.2 15.3 22.9#



#19
 Fluoranthene
 Concen: 0.422 ng/ul
 RT: 19.464 min Scan# 3575
 Delta R.T. 0.005 min
 Lab File: BN024485.D
 Acq: 22 Mar 2023 18:25

Tgt Ion:202 Resp: 48747
 Ion Ratio Lower Upper
 202 100
 101 15.5 10.4 15.6
 100 12.2 7.7 11.5#





#20

Pyrene

Concen: 0.448 ng/ul

RT: 19.827 min Scan# 3653

Delta R.T. 0.005 min

Lab File: BN024485.D

Acq: 22 Mar 2023 18:25

Instrument :

BNA_N

ClientSampleId :

CB937

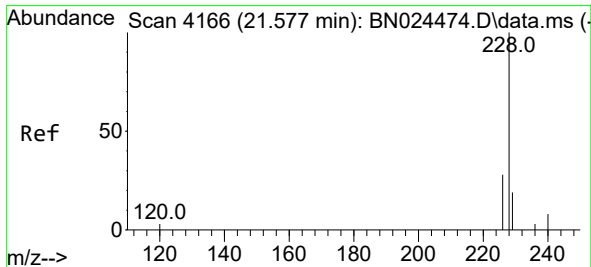
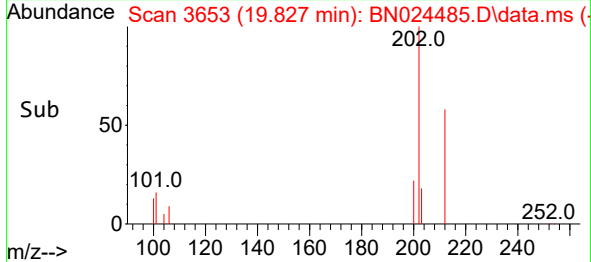
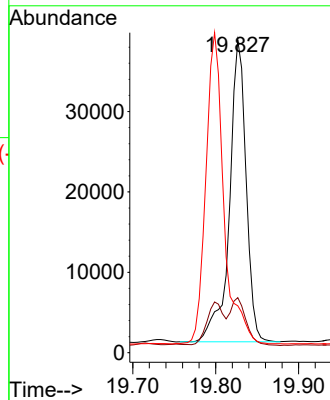
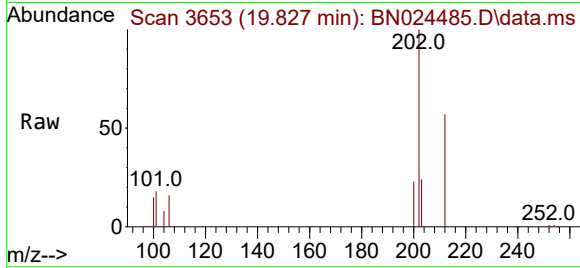
Tgt Ion:202 Resp: 52458

Ion Ratio Lower Upper

202 100

101 17.6 12.1 18.1

100 15.0 9.4 14.0#



#21

Benzo(a)anthracene

Concen: 0.187 ng/ul

RT: 21.580 min Scan# 4167

Delta R.T. 0.003 min

Lab File: BN024485.D

Acq: 22 Mar 2023 18:25

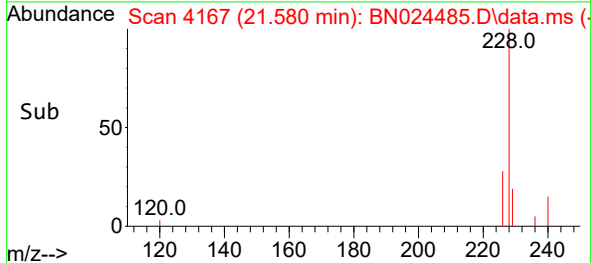
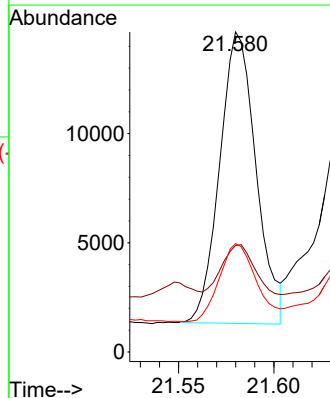
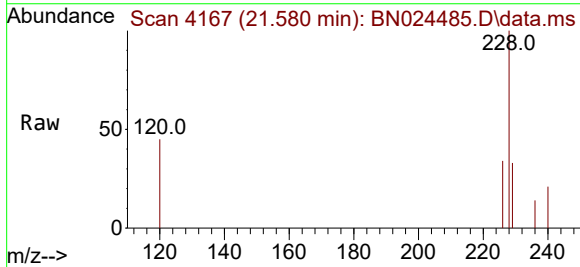
Tgt Ion:228 Resp: 17743

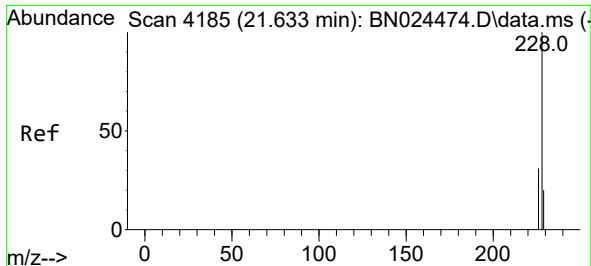
Ion Ratio Lower Upper

228 100

229 33.3 15.8 23.6#

226 33.9 22.2 33.4#





#22

Chrysene

Concen: 0.178 ng/ul

RT: 21.638 min Scan# 4185

Delta R.T. 0.006 min

Lab File: BN024485.D

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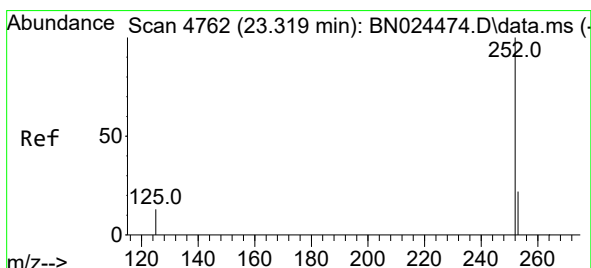
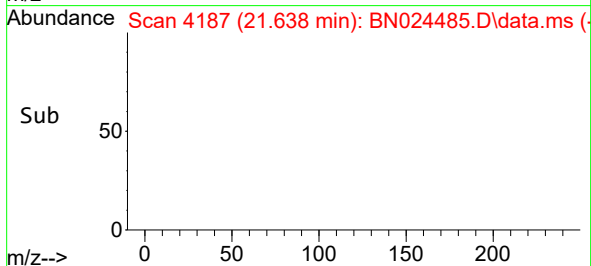
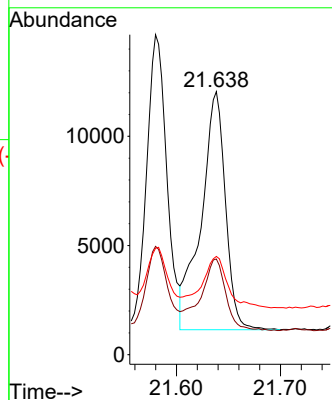
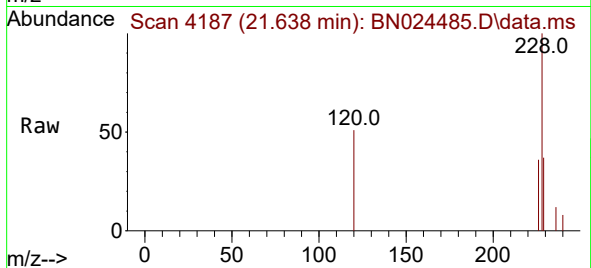
Tgt Ion:228 Resp: 17782

Ion Ratio Lower Upper

228 100

226 36.4 24.8 37.2

229 37.3 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.281 ng/ul

RT: 23.331 min Scan# 4766

Delta R.T. 0.012 min

Lab File: BN024485.D

Acq: 22 Mar 2023 18:25

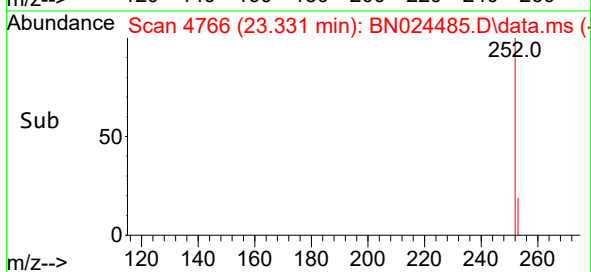
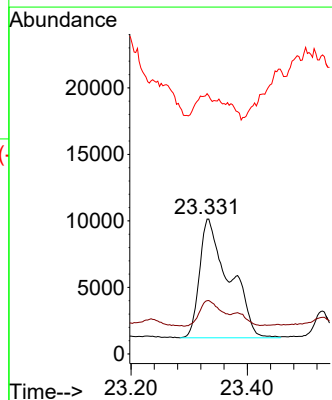
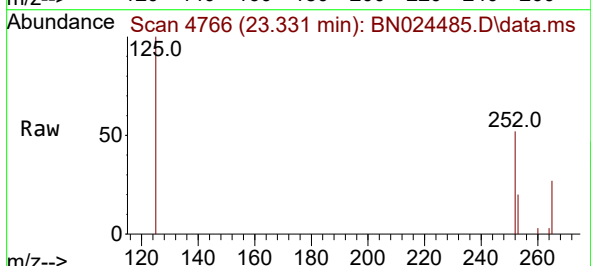
Tgt Ion:252 Resp: 31540

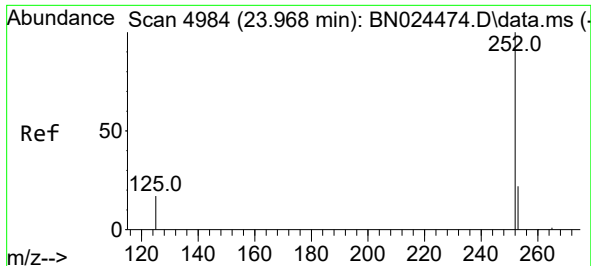
Ion Ratio Lower Upper

252 100

253 39.5 0.0 46.2

125 192.9 0.0 34.0#

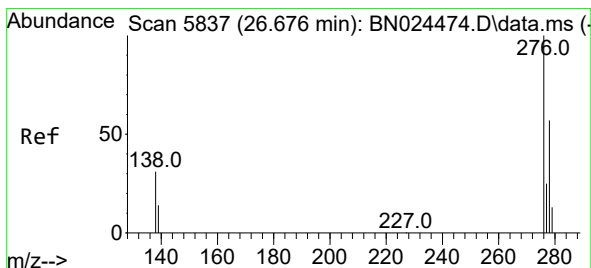
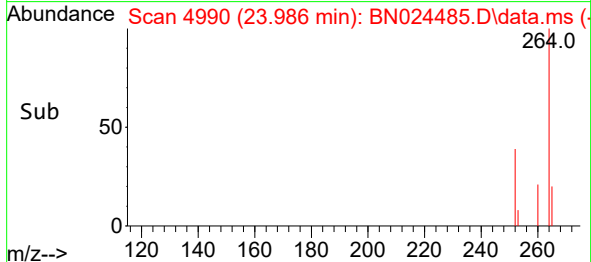
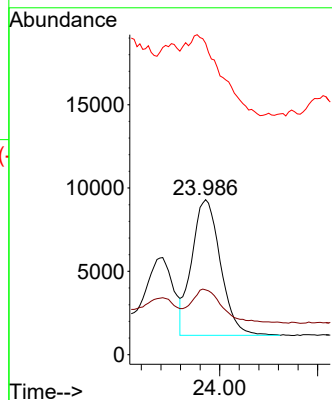
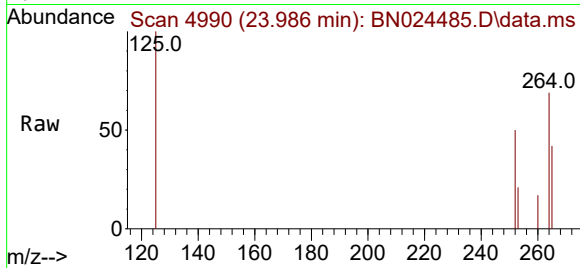




#26
Benzo(a)pyrene
Concen: 0.172 ng/ul
RT: 23.986 min Scan# 4984
Delta R.T. 0.018 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

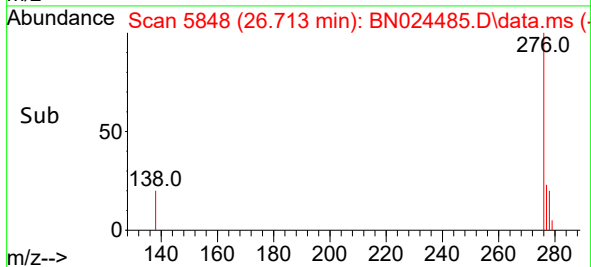
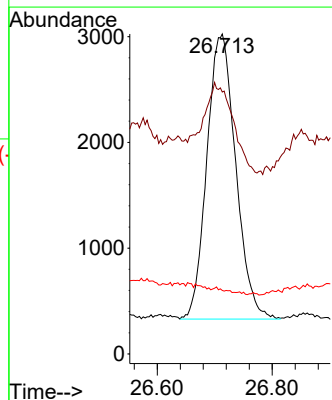
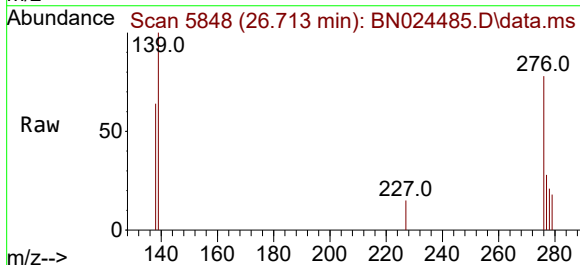
Instrument :
BNA_N
ClientSampleId :
CB937

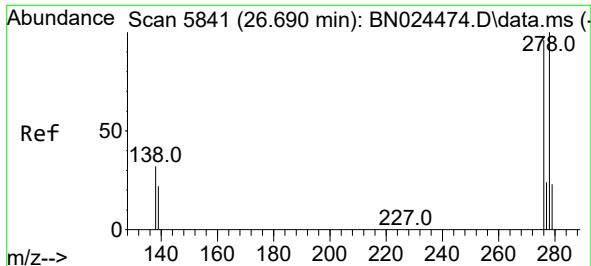
Tgt Ion:252 Resp: 16560
Ion Ratio Lower Upper
252 100
253 41.8 19.2 28.8#
125 200.8 15.8 23.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng/ul
RT: 26.713 min Scan# 5848
Delta R.T. 0.037 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

Tgt Ion:276 Resp: 9389
Ion Ratio Lower Upper
276 100
138 29.7 0.0 0.0#
227 1.2 0.0 0.0#

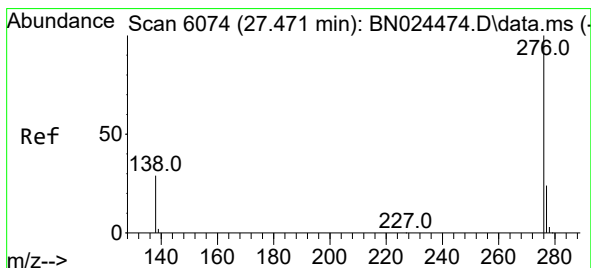
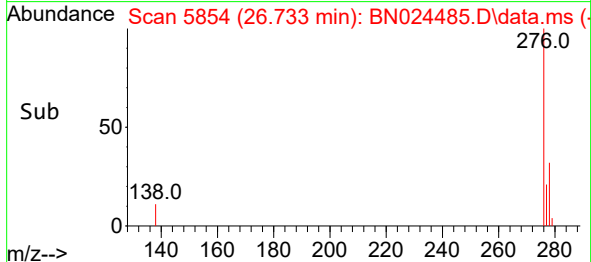
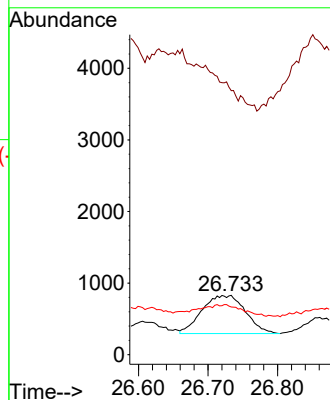
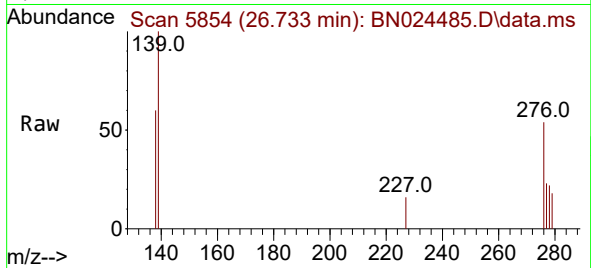




#28
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 26.733 min Scan# 5854
Delta R.T. 0.044 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

Instrument :
BNA_N
ClientSampleId :
CB937

Tgt Ion:278 Resp: 2298
Ion Ratio Lower Upper
278 100
139 444.8 21.0 31.6#
279 80.5 20.4 30.6#



#29
Benzo(g,h,i)perylene
Concen: 0.105 ng/ul
RT: 27.528 min Scan# 6091
Delta R.T. 0.057 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

Tgt Ion:276 Resp: 9863
Ion Ratio Lower Upper
276 100
138 82.1 25.2 37.8#
277 36.6 19.4 29.2#

