

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024484.D
 Acq On : 22 Mar 2023 17:48
 Operator : CG/JU
 Sample : 01947-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB929

Quant Time: Mar 23 03:10:36 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

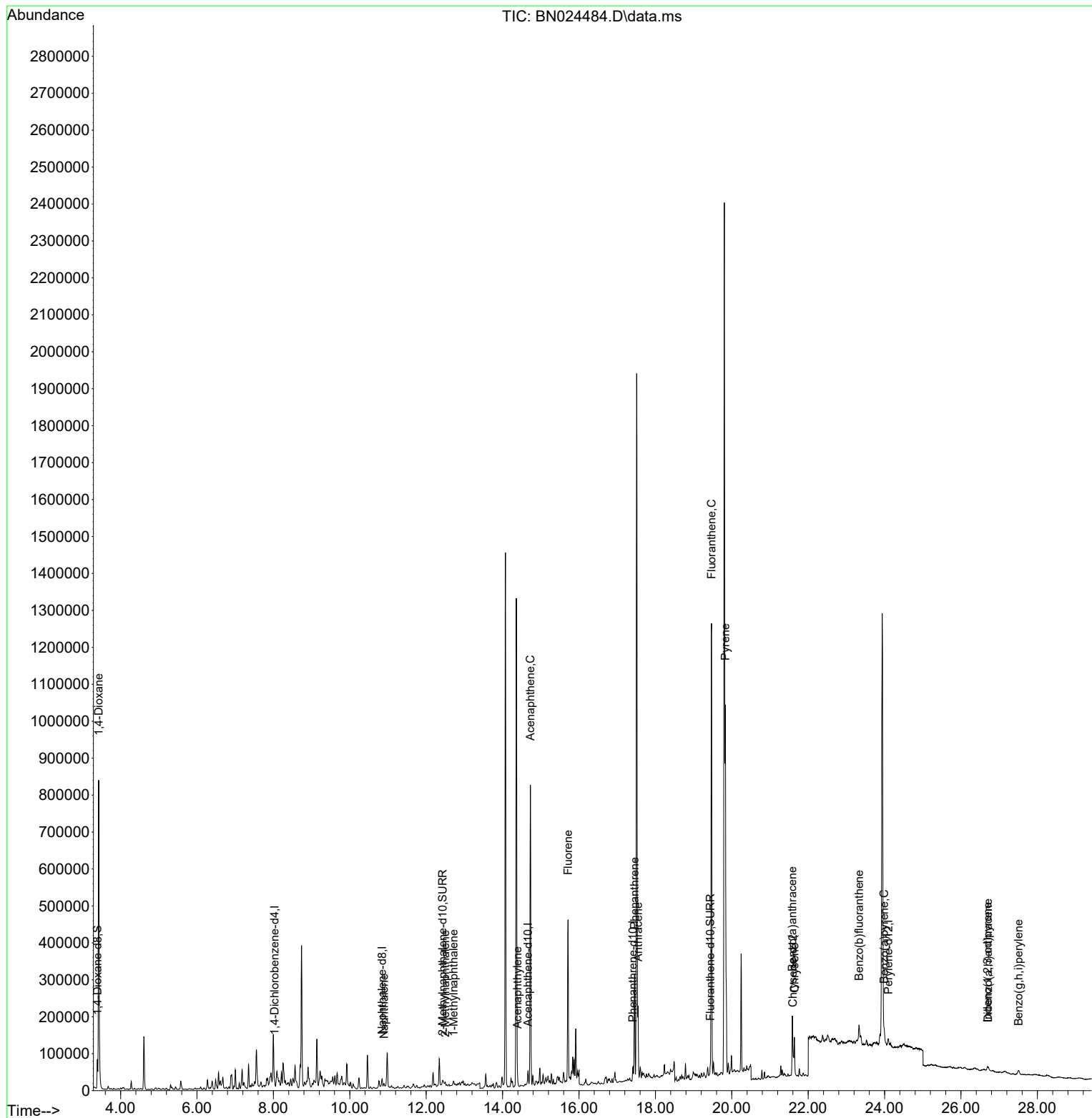
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	9553	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	29372	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.666	164	19548	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	41556	0.400	ng/ul #	0.00
17) Chrysene-d12	21.600	240	28373	0.400	ng/ul #	0.00
23) Perylene-d12	24.097	264	27115	0.400	ng/ul #	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	47281	4.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	11979	0.343	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	27317	0.362	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.427	88	550375	48.129	ng/ul	87
5) Naphthalene	10.894	128	9066	0.124	ng/ul#	43
7) 2-Methylnaphthalene	12.500	142	7929	0.178	ng/ul	97
8) 1-Methylnaphthalene	12.720	142	8117	0.174	ng/ul	97
10) Acenaphthylene	14.388	152	18838	0.231	ng/ul#	26
11) Acenaphthene	14.726	153	467783	7.444	ng/ul	97
12) Fluorene	15.711	166	268591	3.828	ng/ul	98
15) Phenanthrene	17.451	178	303361	2.549	ng/ul	97
16) Anthracene	17.544	178	195323	1.870	ng/ul	95
19) Fluoranthene	19.469	202	1022172	9.052	ng/ul	100
20) Pyrene	19.831	202	751166	6.557	ng/ul	96
21) Benzo(a)anthracene	21.586	228	131149	1.416	ng/ul#	91
22) Chrysene	21.638	228	118510	1.212	ng/ul#	89
24) Benzo(b)fluoranthene	23.331	252	104703	1.011	ng/ul#	1
26) Benzo(a)pyrene	23.986	252	52498	0.589	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.700	276	20405	0.203	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.707	278	5425	0.071	ng/ul#	1
29) Benzo(g,h,i)perylene	27.505	276	24651	0.283	ng/ul#	1

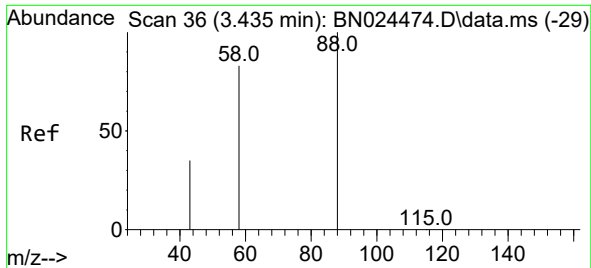
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
Data File : BN024484.D
Acq On : 22 Mar 2023 17:48
Operator : CG/JU
Sample : 01947-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB929

Quant Time: Mar 23 03:10:36 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

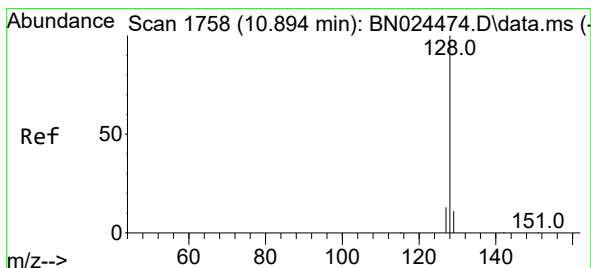
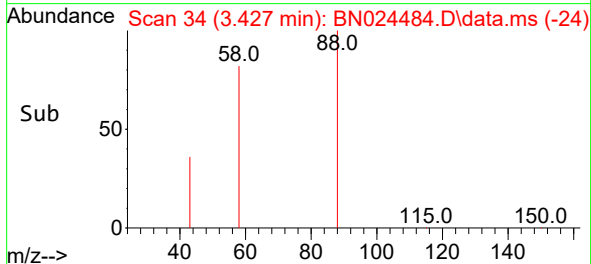
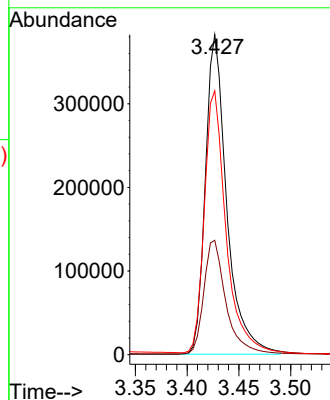
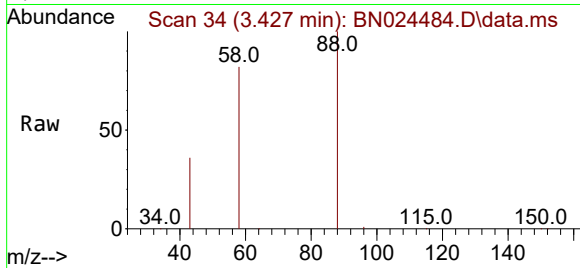




#2
1,4-Dioxane
Concen: 48.129 ng/ul
RT: 3.427 min Scan# 34
Delta R.T. -0.008 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

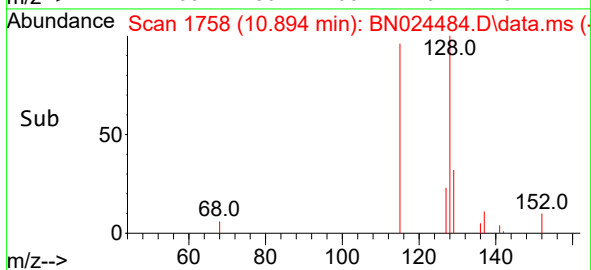
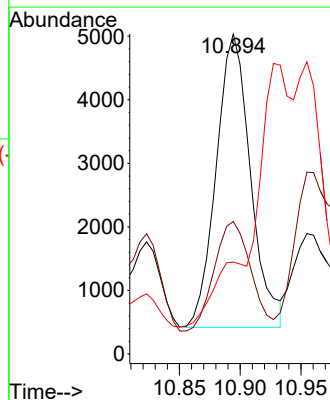
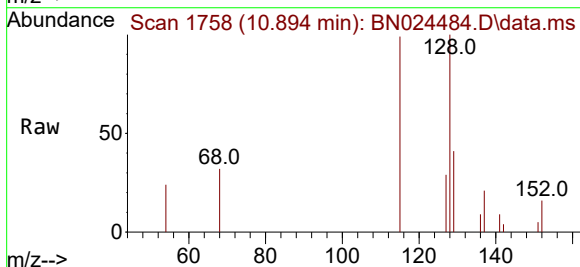
Instrument :
BNA_N
ClientSampleId :
CB929

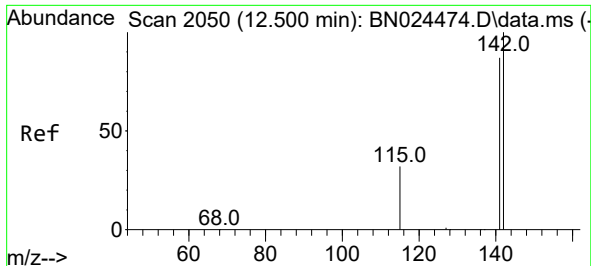
Tgt Ion: 88 Resp: 550375
Ion Ratio Lower Upper
88 100
43 35.8 32.1 48.1
58 82.4 55.1 82.7



#5
Naphthalene
Concen: 0.124 ng/ul
RT: 10.894 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

Tgt Ion:128 Resp: 9066
Ion Ratio Lower Upper
128 100
129 41.3 9.0 13.6#
127 28.7 10.5 15.7#

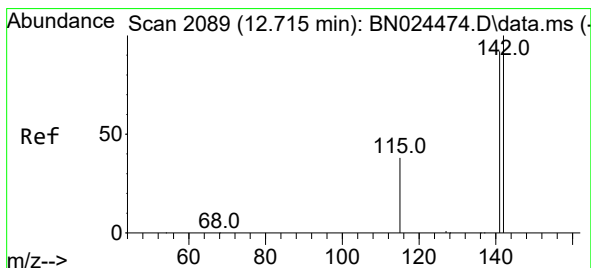
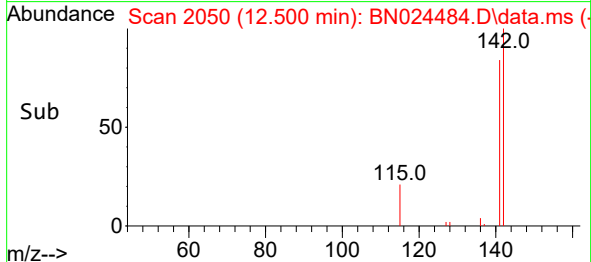
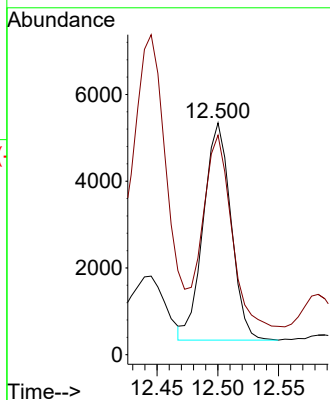
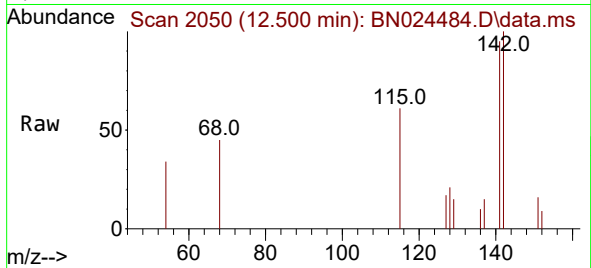




#7
2-Methylnaphthalene
Concen: 0.178 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

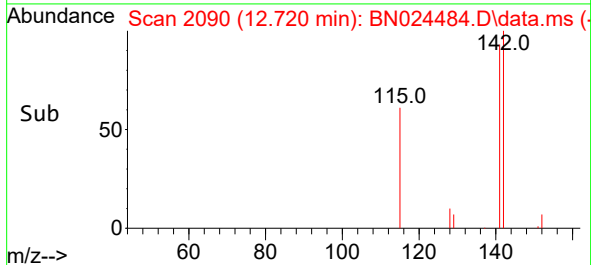
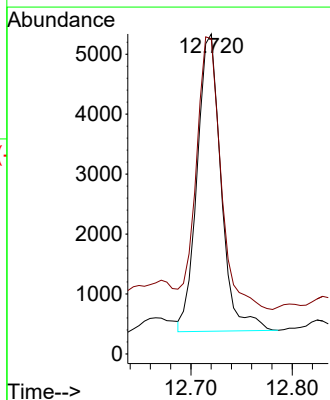
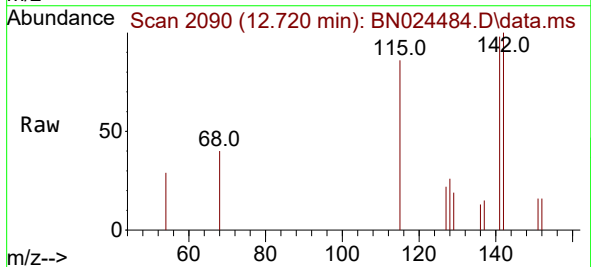
Instrument :
BNA_N
ClientSampleId :
CB929

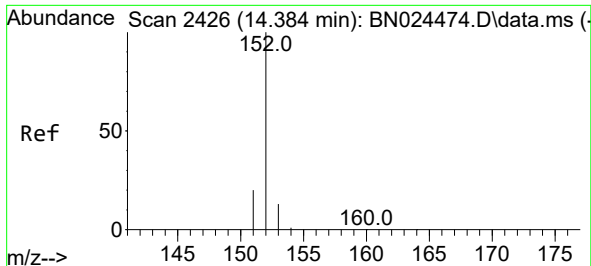
Tgt Ion:142 Resp: 7929
Ion Ratio Lower Upper
142 100
141 90.6 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.174 ng/ul
RT: 12.720 min Scan# 2090
Delta R.T. 0.006 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

Tgt Ion:142 Resp: 8117
Ion Ratio Lower Upper
142 100
141 94.0 73.0 109.6

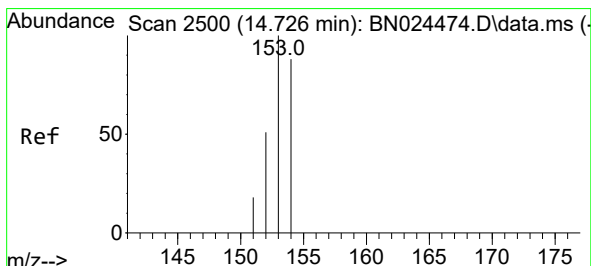
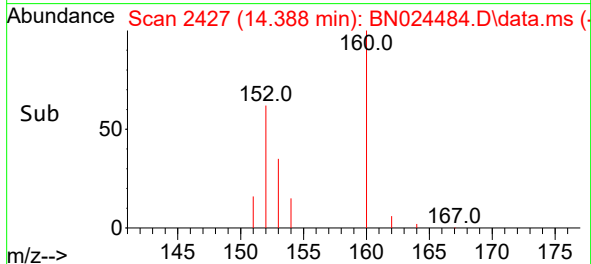
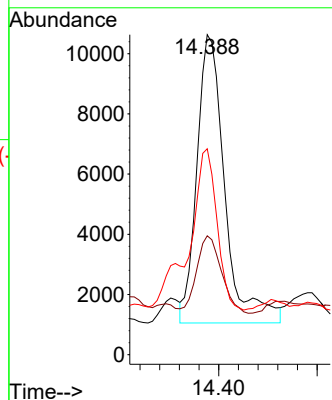
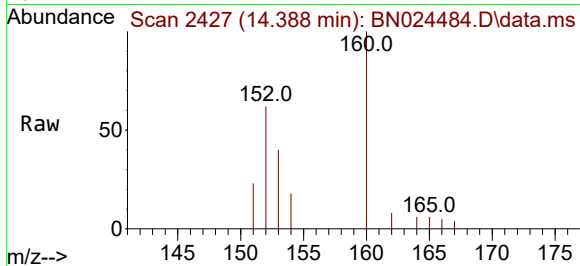




#10
Acenaphthylene
Concen: 0.231 ng/ul
RT: 14.388 min Scan# 2426
Delta R.T. 0.005 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

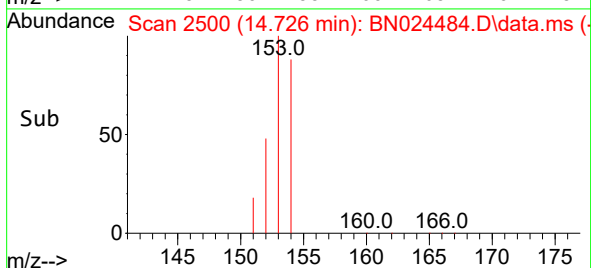
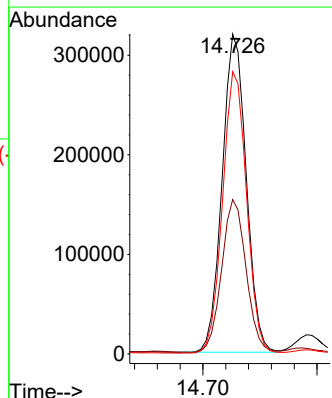
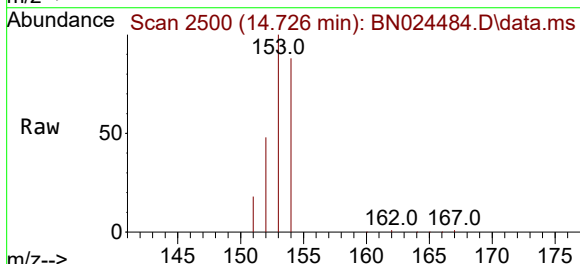
Instrument :
BNA_N
ClientSampleId :
CB929

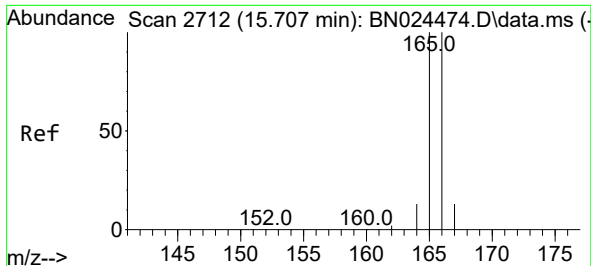
Tgt Ion:152 Resp: 18838
Ion Ratio Lower Upper
152 100
151 37.1 15.9 23.9#
153 64.4 10.6 16.0#



#11
Acenaphthene
Concen: 7.444 ng/ul
RT: 14.726 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

Tgt Ion:153 Resp: 467783
Ion Ratio Lower Upper
153 100
152 48.2 42.6 64.0
154 88.2 70.6 105.8

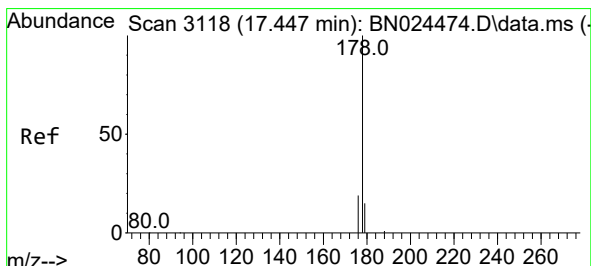
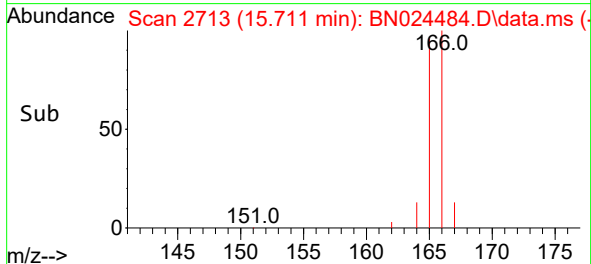
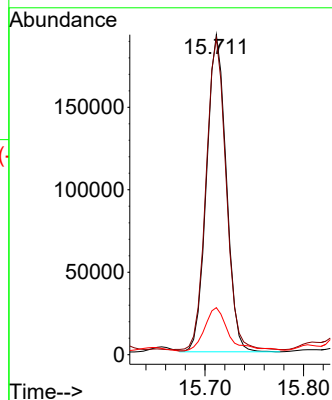
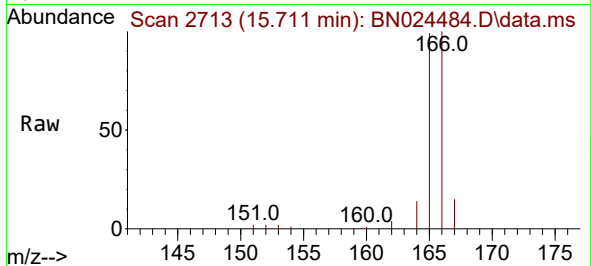




#12
Fluorene
Concen: 3.828 ng/ul
RT: 15.711 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

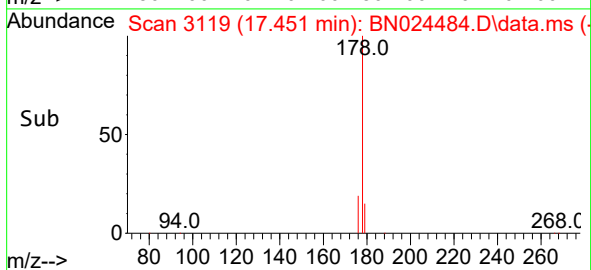
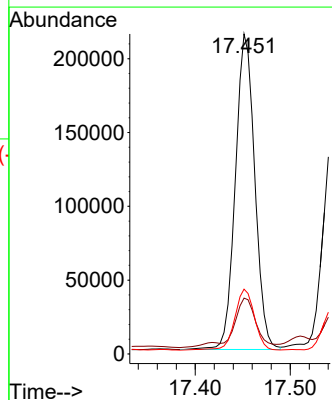
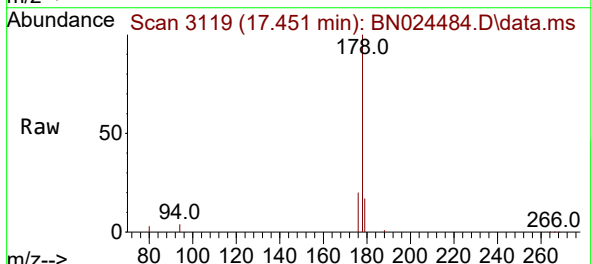
Instrument :
BNA_N
ClientSampleId :
CB929

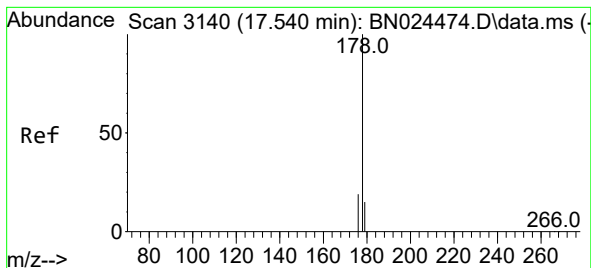
Tgt Ion:166 Resp: 268591
Ion Ratio Lower Upper
166 100
165 98.8 77.4 116.0
167 14.7 10.9 16.3



#15
Phenanthrene
Concen: 2.549 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

Tgt Ion:178 Resp: 303361
Ion Ratio Lower Upper
178 100
179 17.5 12.2 18.2
176 20.3 15.7 23.5





#16

Anthracene

Concen: 1.870 ng/ul

RT: 17.544 min Scan# 3140

Delta R.T. 0.004 min

Lab File: BN024484.D

Acq: 22 Mar 2023 17:48

Instrument :

BNA_N

ClientSampleId :

CB929

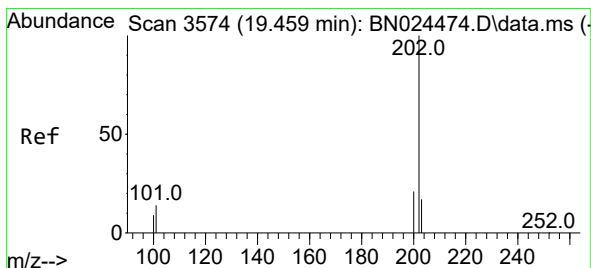
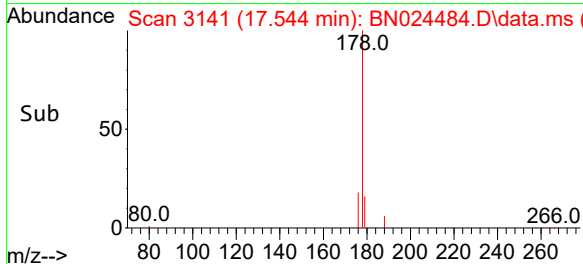
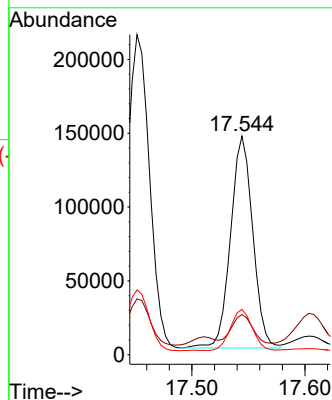
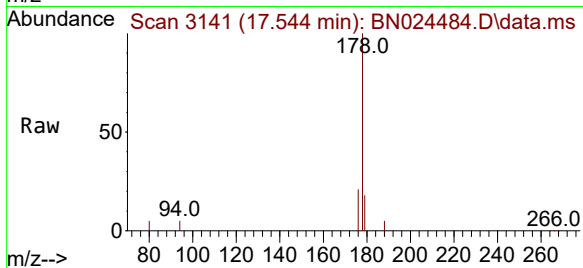
Tgt Ion:178 Resp: 195323

Ion Ratio Lower Upper

178 100

179 18.4 12.3 18.5

176 20.7 15.3 22.9



#19

Fluoranthene

Concen: 9.052 ng/ul

RT: 19.469 min Scan# 3576

Delta R.T. 0.009 min

Lab File: BN024484.D

Acq: 22 Mar 2023 17:48

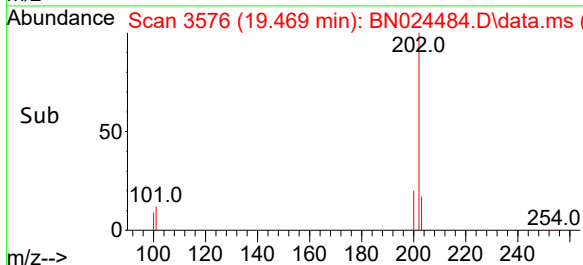
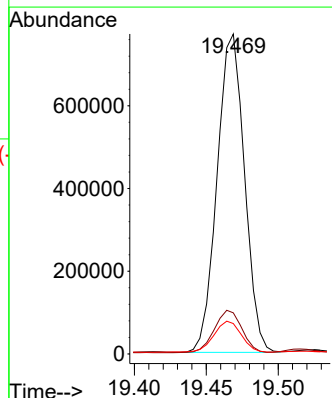
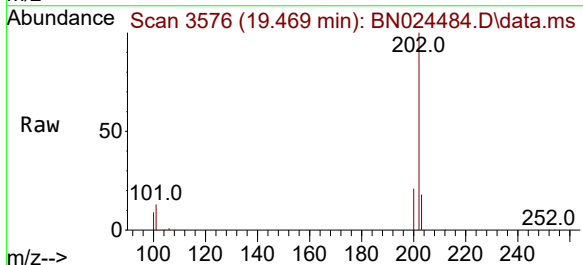
Tgt Ion:202 Resp: 1022172

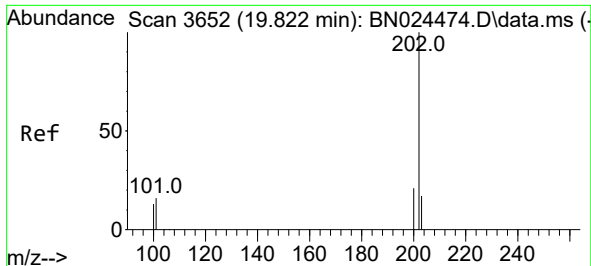
Ion Ratio Lower Upper

202 100

101 12.9 10.4 15.6

100 9.5 7.7 11.5

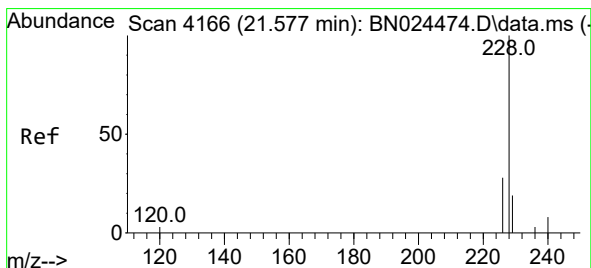
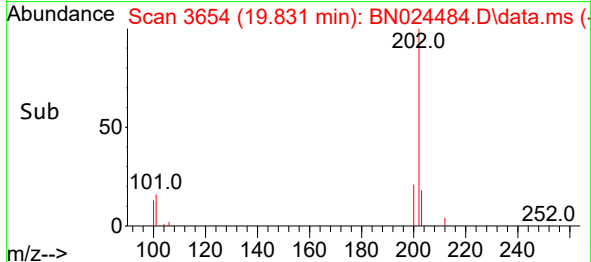
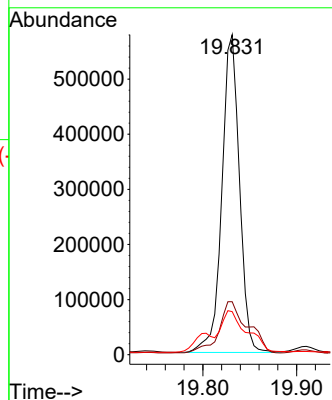
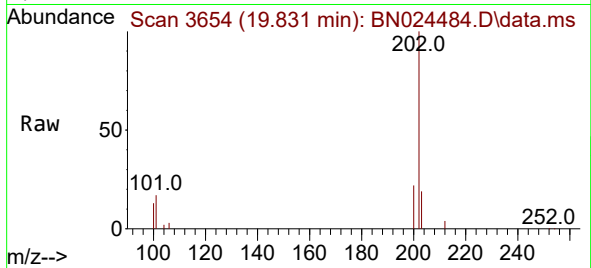




#20
Pyrene
Concen: 6.557 ng/ul
RT: 19.831 min Scan# 3654
Delta R.T. 0.009 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

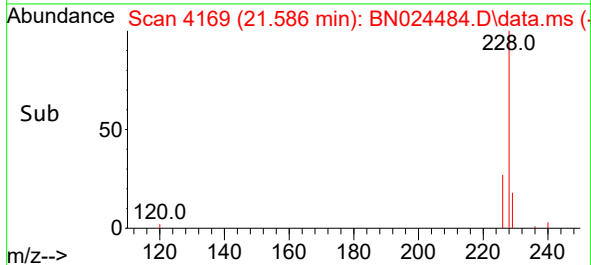
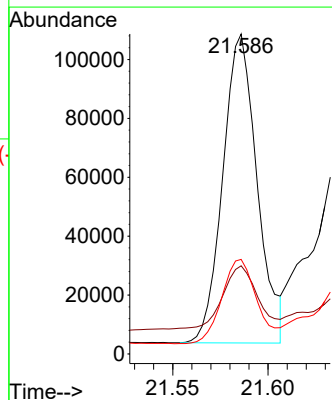
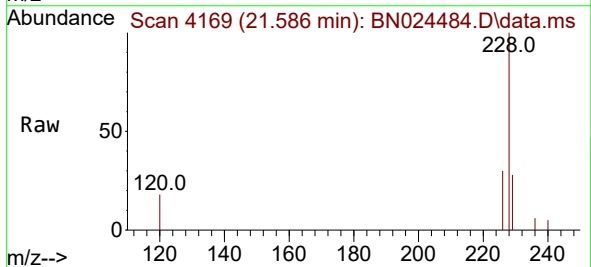
Instrument :
BNA_N
ClientSampleId :
CB929

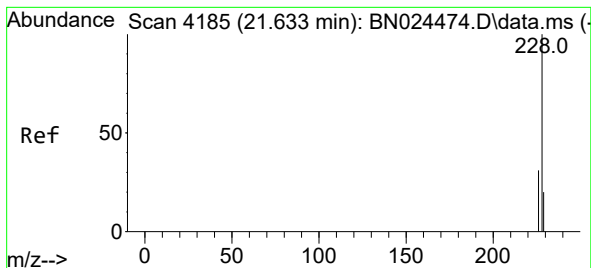
Tgt Ion:202 Resp: 751166
Ion Ratio Lower Upper
202 100
101 16.6 12.1 18.1
100 13.4 9.4 14.0



#21
Benzo(a)anthracene
Concen: 1.416 ng/ul
RT: 21.586 min Scan# 4169
Delta R.T. 0.009 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

Tgt Ion:228 Resp: 131149
Ion Ratio Lower Upper
228 100
229 27.5 15.8 23.6#
226 29.6 22.2 33.4





#22

Chrysene

Concen: 1.212 ng/ul

RT: 21.638 min Scan# 4185

Delta R.T. 0.006 min

Lab File: BN024484.D

Acq: 22 Mar 2023 17:48

Instrument :

BNA_N

ClientSampleId :

CB929

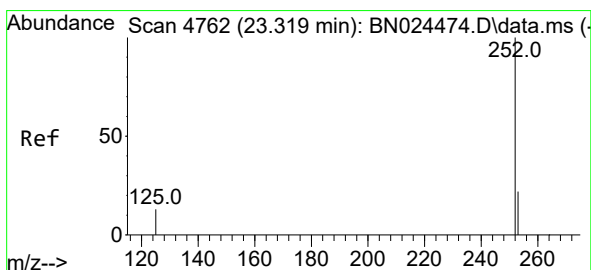
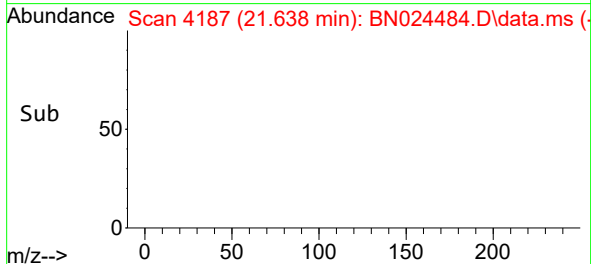
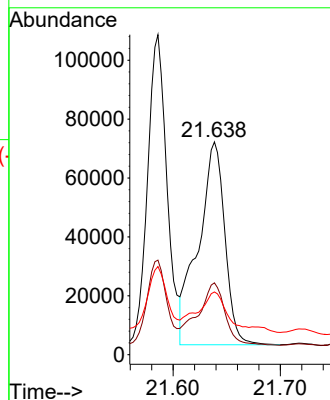
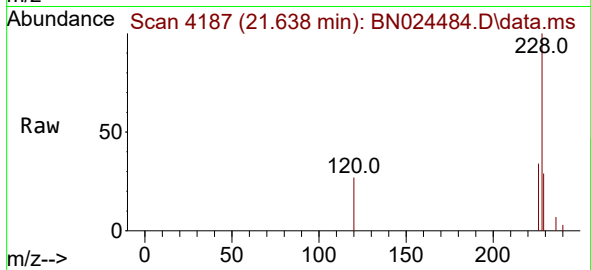
Tgt Ion:228 Resp: 118510

Ion Ratio Lower Upper

228 100

226 33.8 24.8 37.2

229 29.5 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 1.011 ng/ul

RT: 23.331 min Scan# 4766

Delta R.T. 0.012 min

Lab File: BN024484.D

Acq: 22 Mar 2023 17:48

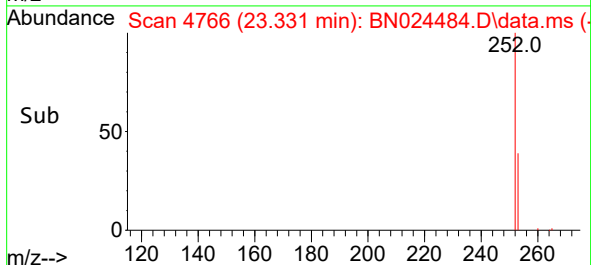
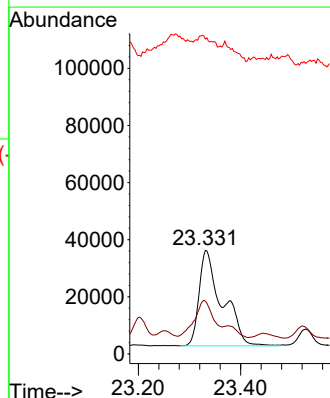
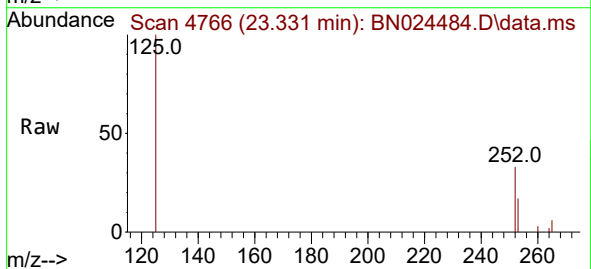
Tgt Ion:252 Resp: 104703

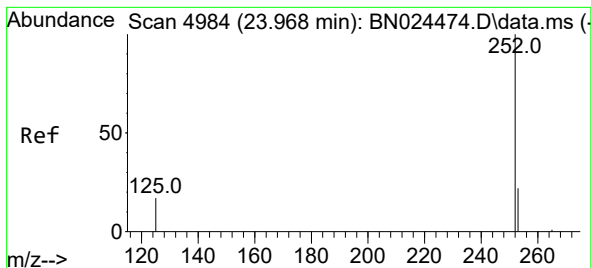
Ion Ratio Lower Upper

252 100

253 51.0 0.0 46.2#

125 304.0 0.0 34.0#





#26

Benzo(a)pyrene

Concen: 0.589 ng/ul

RT: 23.986 min Scan# 4984

Delta R.T. 0.018 min

Lab File: BN024484.D

Acq: 22 Mar 2023 17:48

Instrument :

BNA_N

ClientSampleId :

CB929

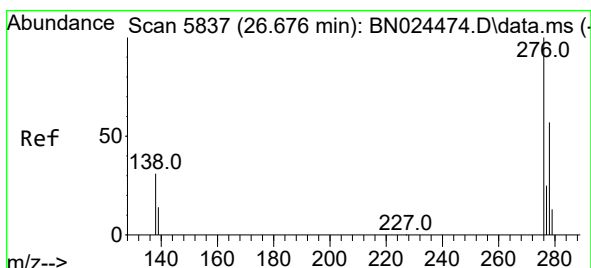
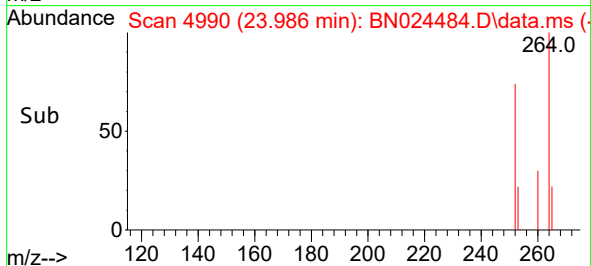
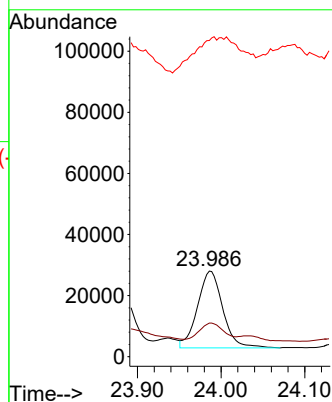
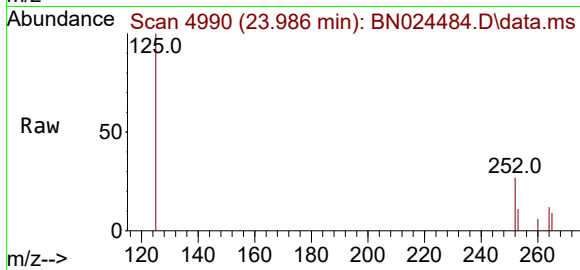
Tgt Ion:252 Resp: 52498

Ion Ratio Lower Upper

252 100

253 39.2 19.2 28.8#

125 369.2 15.8 23.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.203 ng/ul

RT: 26.700 min Scan# 5844

Delta R.T. 0.024 min

Lab File: BN024484.D

Acq: 22 Mar 2023 17:48

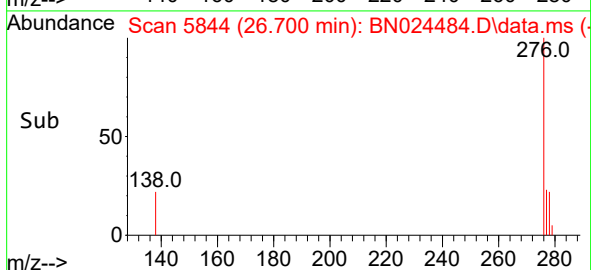
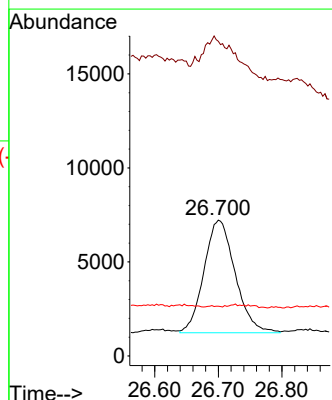
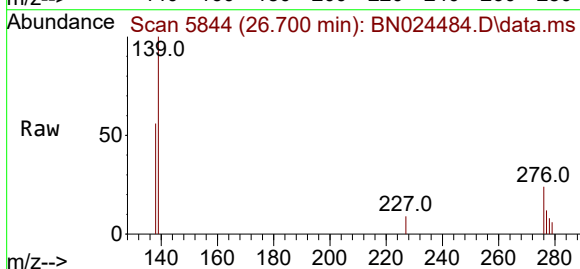
Tgt Ion:276 Resp: 20405

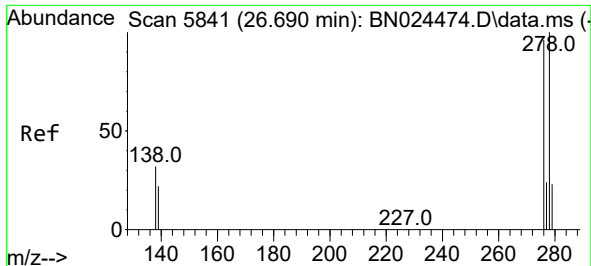
Ion Ratio Lower Upper

276 100

138 100.3 0.0 0.0#

227 0.3 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.071 ng/ul

RT: 26.707 min Scan# 5846

Delta R.T. 0.017 min

Lab File: BN024484.D

Acq: 22 Mar 2023 17:48

Instrument :

BNA_N

ClientSampleId :

CB929

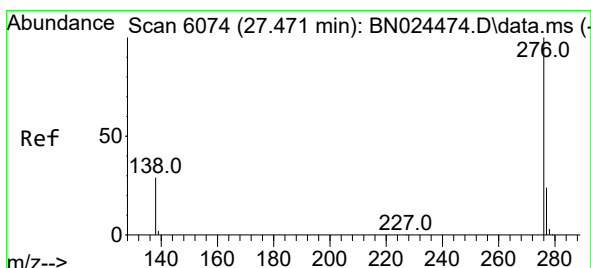
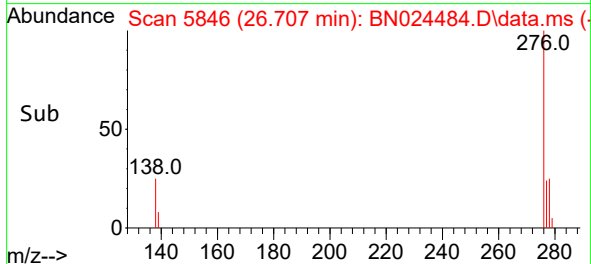
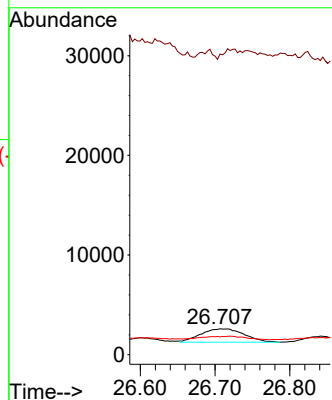
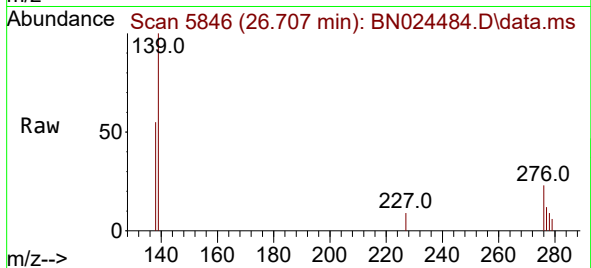
Tgt Ion:278 Resp: 5425

Ion Ratio Lower Upper

278 100

139 1160.3 21.0 31.6#

279 68.6 20.4 30.6#



#29

Benzo(g,h,i)perylene

Concen: 0.283 ng/ul

RT: 27.505 min Scan# 6084

Delta R.T. 0.034 min

Lab File: BN024484.D

Acq: 22 Mar 2023 17:48

Tgt Ion:276 Resp: 24651

Ion Ratio Lower Upper

276 100

138 176.2 25.2 37.8#

277 45.9 19.4 29.2#

