

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024487.D
 Acq On : 22 Mar 2023 19:40
 Operator : CG/JU
 Sample : 01947-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB929DL

Quant Time: Mar 23 03:11:08 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)

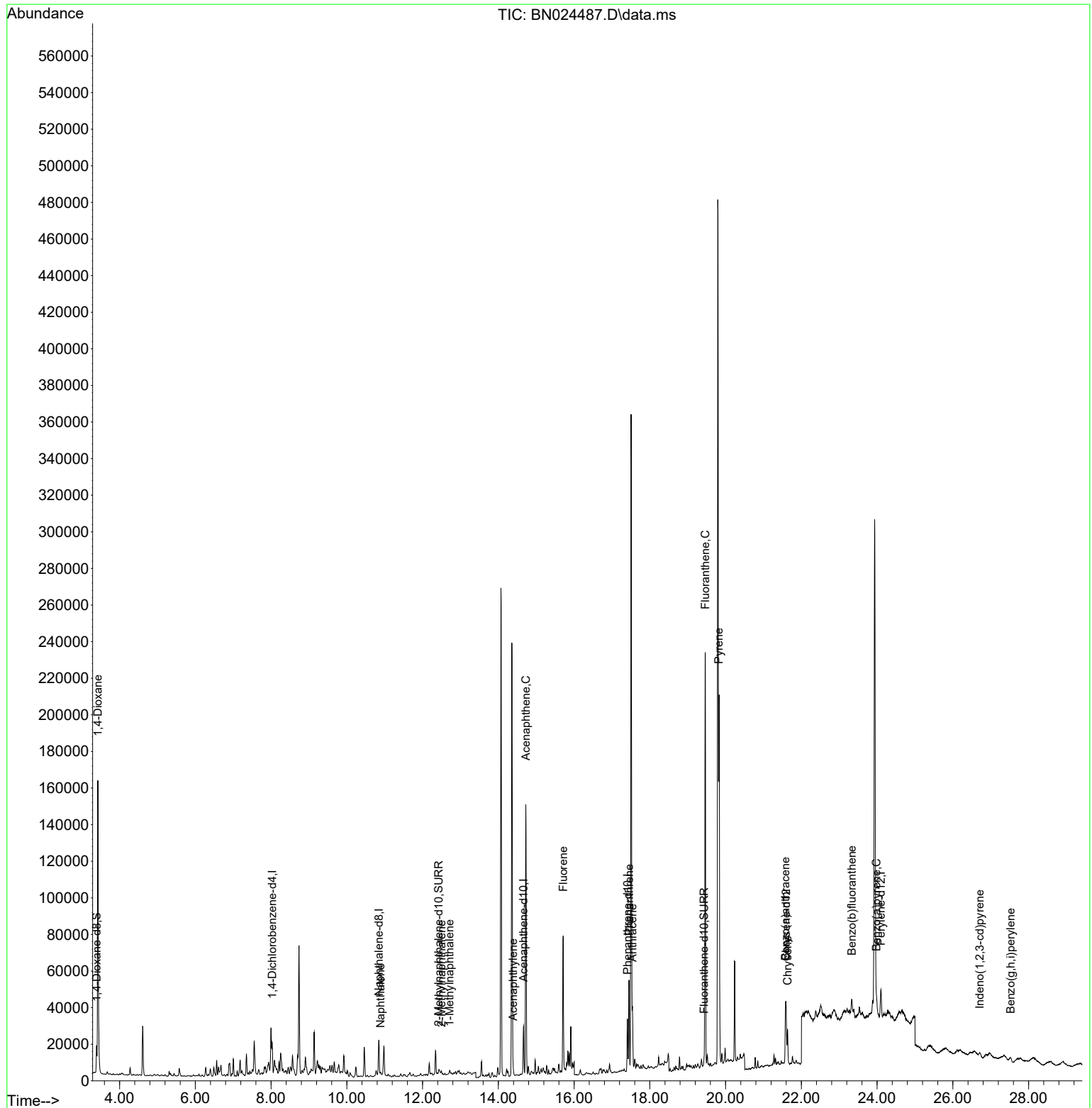
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	8708	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	25480	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.666	164	14429	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	31636	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.597	240	25481	0.400	ng/ul	# 0.00
23) Perylene-d12	24.100	264	24389	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	9204	0.960	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	2196	0.073	ng/ul	0.00
18) Fluoranthene-d10	19.432	212	4764	0.070	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.427	88	107697	10.332	ng/ul	88
5) Naphthalene	10.889	128	1766	0.028	ng/ul#	33
7) 2-Methylnaphthalene	12.500	142	1462	0.038	ng/ul	99
8) 1-Methylnaphthalene	12.714	142	1503	0.037	ng/ul	99
10) Acenaphthylene	14.388	152	3517	0.058	ng/ul#	25
11) Acenaphthene	14.726	153	82788	1.785	ng/ul	97
12) Fluorene	15.711	166	46594	0.900	ng/ul	98
15) Phenanthrene	17.451	178	53444	0.590	ng/ul	96
16) Anthracene	17.540	178	33229	0.418	ng/ul#	94
19) Fluoranthene	19.464	202	186052	1.835	ng/ul	98
20) Pyrene	19.822	202	146191	1.421	ng/ul#	90
21) Benzo(a)anthracene	21.580	228	24893	0.299	ng/ul#	89
22) Chrysene	21.635	228	23177	0.264	ng/ul#	87
24) Benzo(b)fluoranthene	23.331	252	21150	0.227	ng/ul#	1
26) Benzo(a)pyrene	23.983	252	10154	0.127	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.710	276	4343	0.048	ng/ul#	100
29) Benzo(g,h,i)perylene	27.525	276	5020	0.064	ng/ul#	1

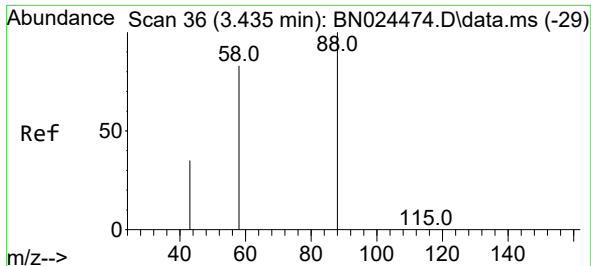
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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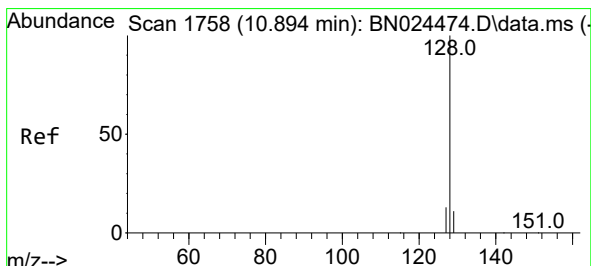
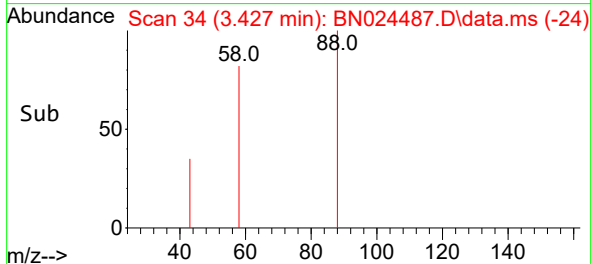
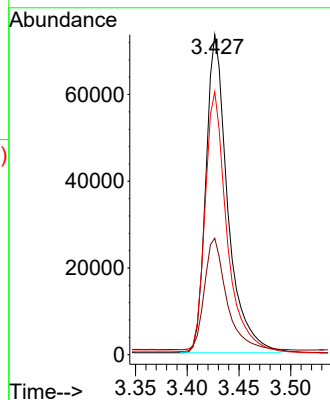
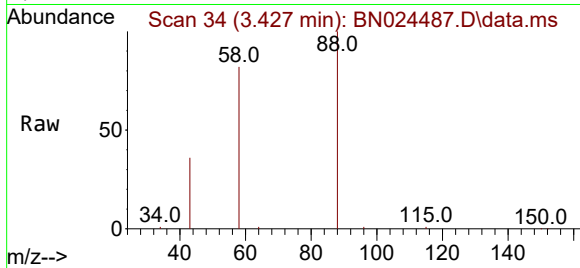




#2
1,4-Dioxane
Concen: 10.332 ng/ul
RT: 3.427 min Scan# 34
Delta R.T. -0.008 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

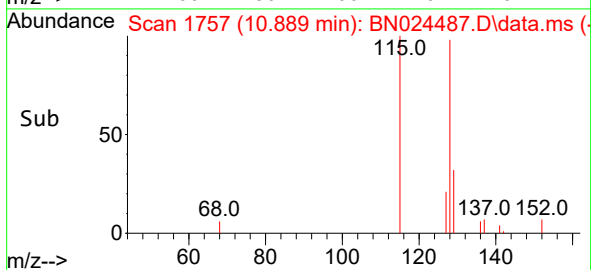
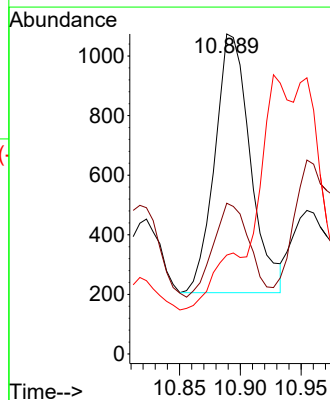
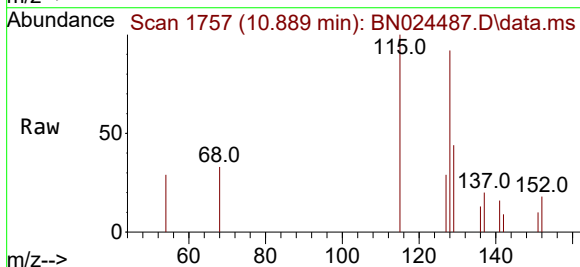
Instrument :
BNA_N
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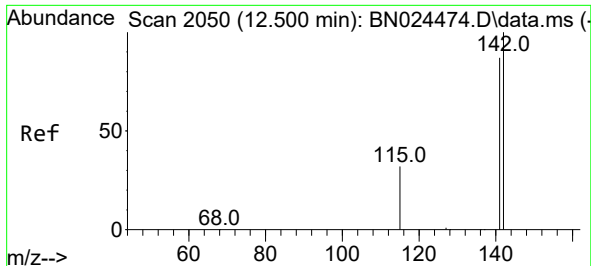
Tgt Ion: 88 Resp: 107697
Ion Ratio Lower Upper
88 100
43 36.4 32.1 48.1
58 82.2 55.1 82.7



#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.889 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

Tgt Ion:128 Resp: 1766
Ion Ratio Lower Upper
128 100
129 47.1 9.0 13.6#
127 30.9 10.5 15.7#

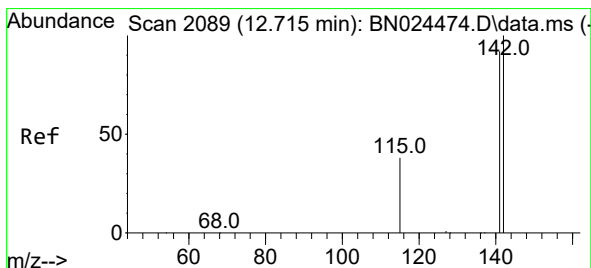
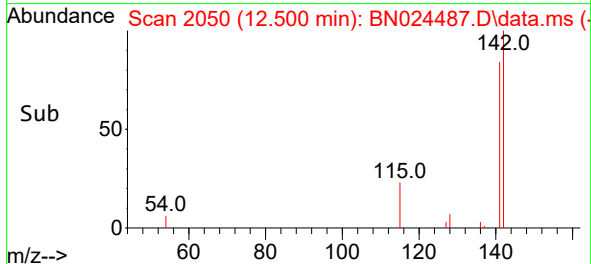
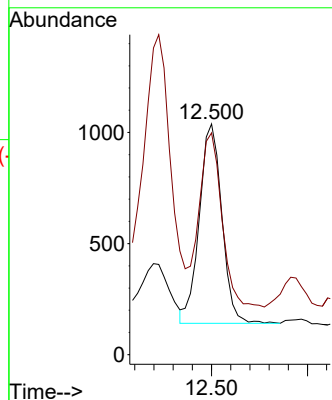
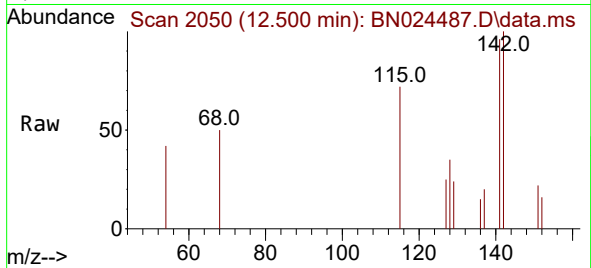




#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

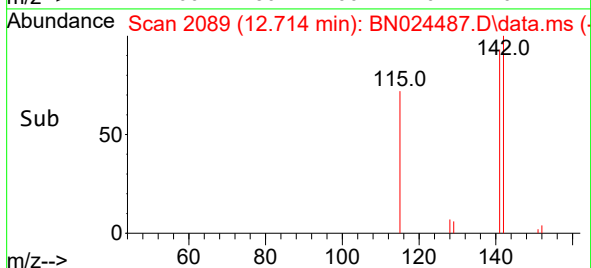
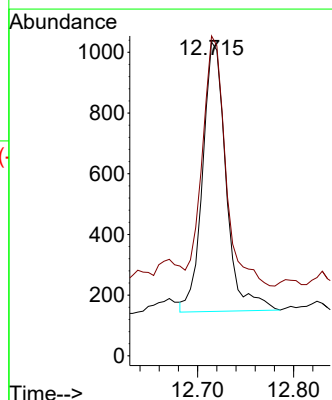
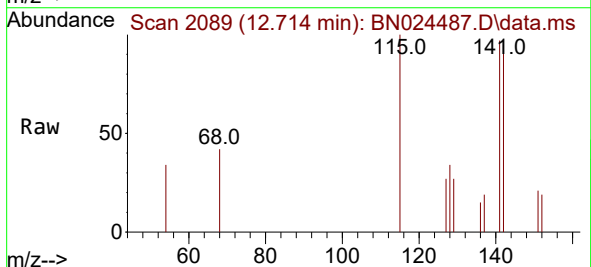
Instrument :
BNA_N
ClientSampleId :
CB929DL

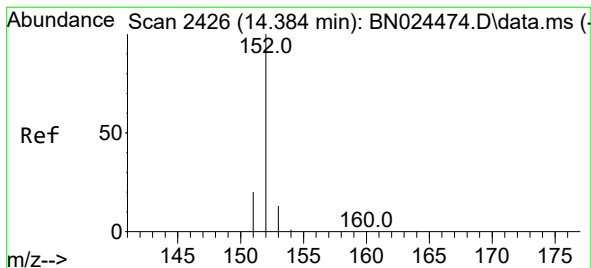
Tgt Ion:142 Resp: 1462
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.714 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

Tgt Ion:142 Resp: 1503
Ion Ratio Lower Upper
142 100
141 92.0 73.0 109.6





#10

Acenaphthylene

Concen: 0.058 ng/ul

RT: 14.388 min Scan# 2426

Delta R.T. 0.005 min

Lab File: BN024487.D

Acq: 22 Mar 2023 19:40

Instrument :

BNA_N

ClientSampleId :

CB929DL

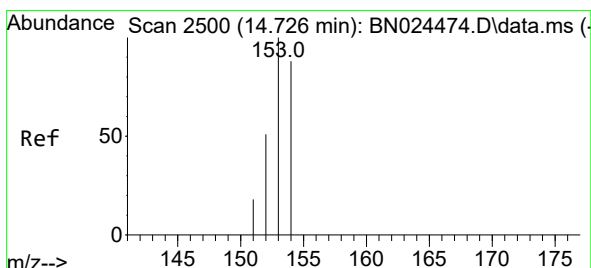
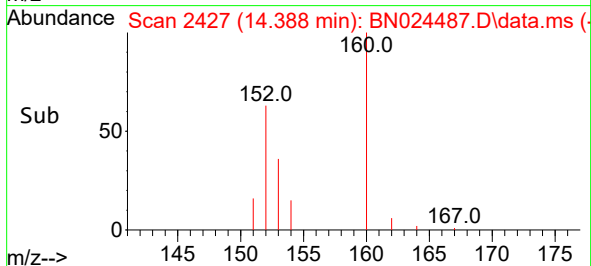
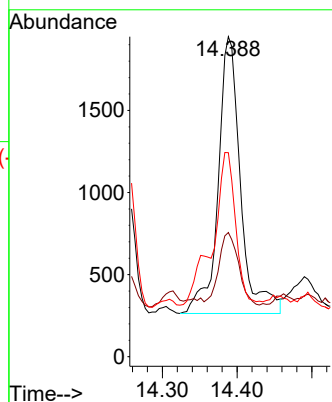
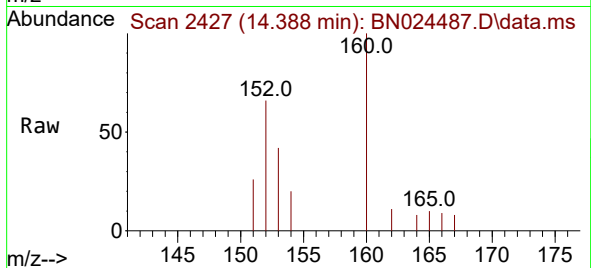
Tgt Ion:152 Resp: 3517

Ion Ratio Lower Upper

152 100

151 38.8 15.9 23.9#

153 63.8 10.6 16.0#



#11

Acenaphthene

Concen: 1.785 ng/ul

RT: 14.726 min Scan# 2500

Delta R.T. -0.000 min

Lab File: BN024487.D

Acq: 22 Mar 2023 19:40

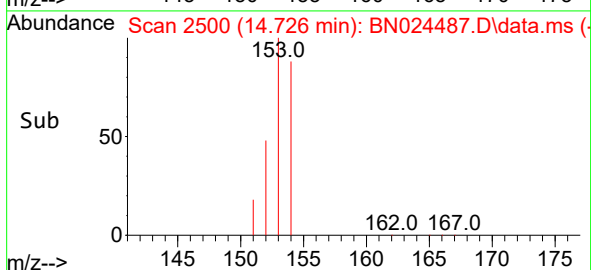
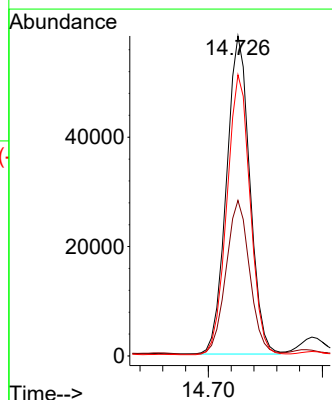
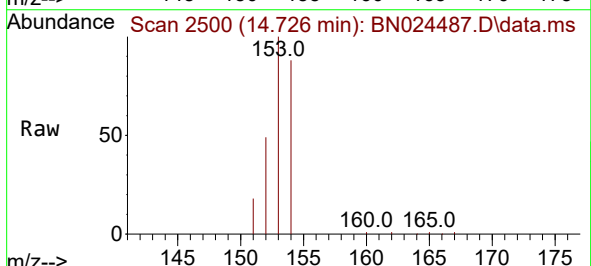
Tgt Ion:153 Resp: 82788

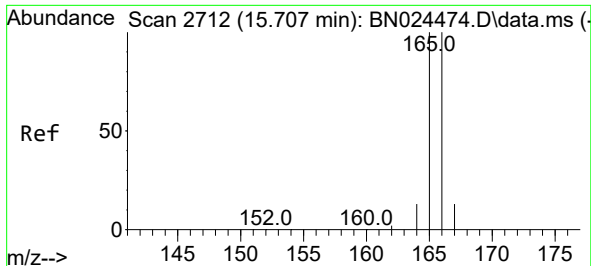
Ion Ratio Lower Upper

153 100

152 48.6 42.6 64.0

154 87.8 70.6 105.8

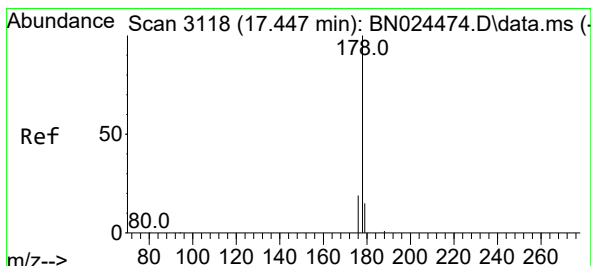
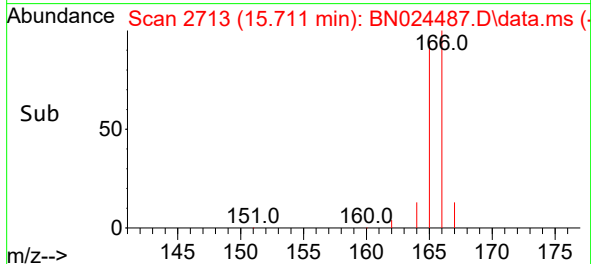
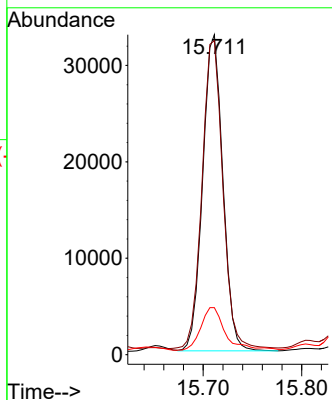
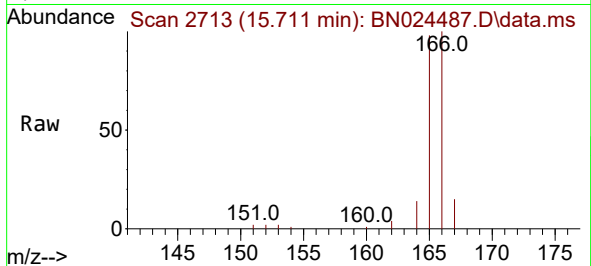




#12
Fluorene
Concen: 0.900 ng/ul
RT: 15.711 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

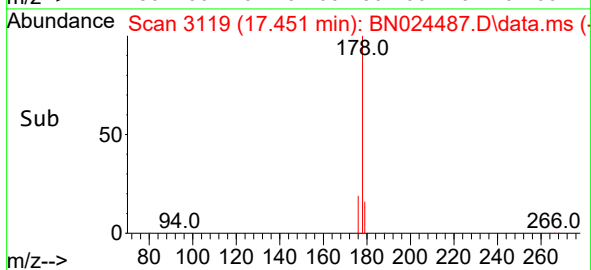
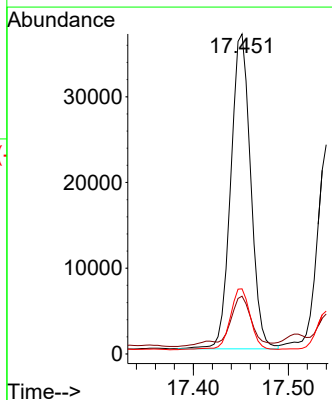
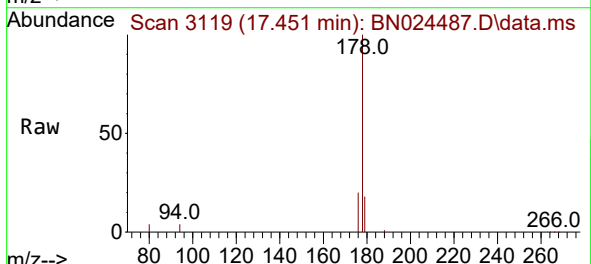
Instrument :
BNA_N
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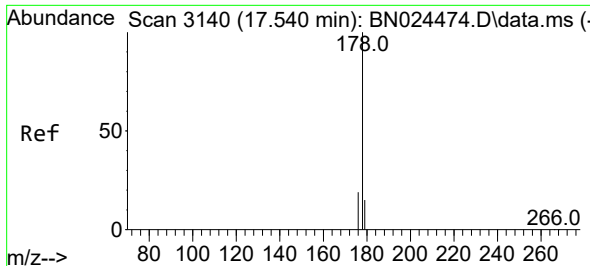
Tgt Ion:166 Resp: 46594
Ion Ratio Lower Upper
166 100
165 98.2 77.4 116.0
167 14.7 10.9 16.3



#15
Phenanthrene
Concen: 0.590 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

Tgt Ion:178 Resp: 53444
Ion Ratio Lower Upper
178 100
179 18.0 12.2 18.2
176 20.4 15.7 23.5

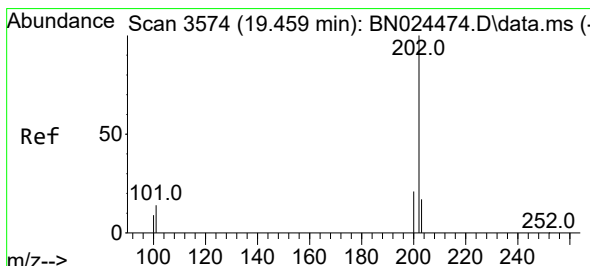
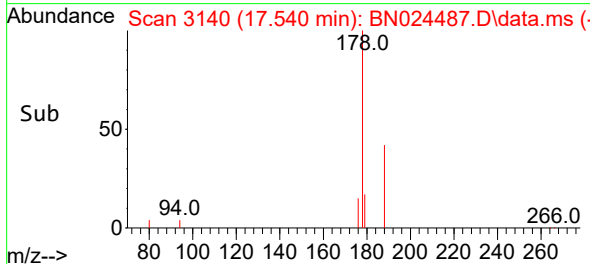
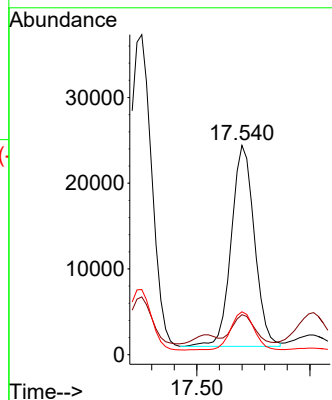
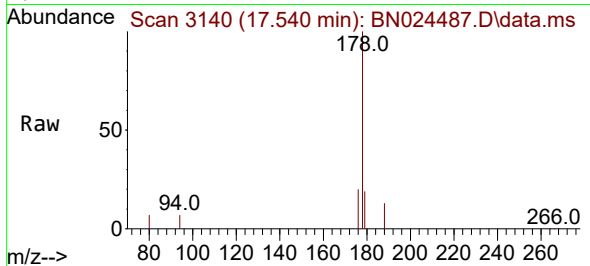




#16
 Anthracene
 Concen: 0.418 ng/ul
 RT: 17.540 min Scan# 3140
 Delta R.T. -0.000 min
 Lab File: BN024487.D
 Acq: 22 Mar 2023 19:40

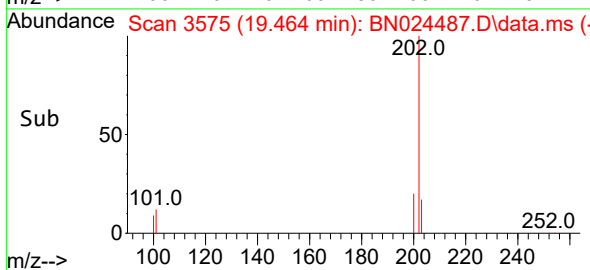
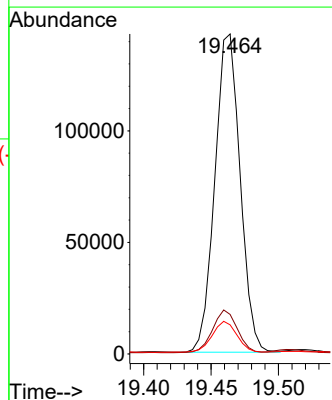
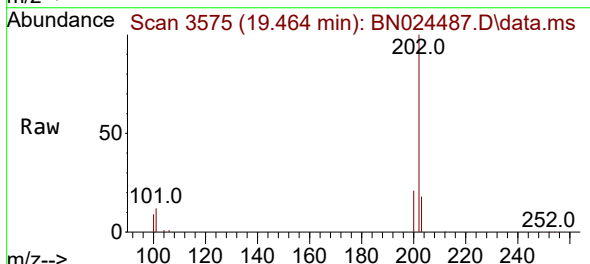
Instrument :
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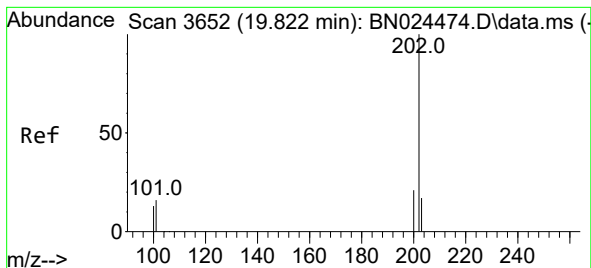
Tgt Ion:178 Resp: 33229
 Ion Ratio Lower Upper
 178 100
 179 19.1 12.3 18.5#
 176 20.5 15.3 22.9



#19
 Fluoranthene
 Concen: 1.835 ng/ul
 RT: 19.464 min Scan# 3575
 Delta R.T. 0.005 min
 Lab File: BN024487.D
 Acq: 22 Mar 2023 19:40

Tgt Ion:202 Resp: 186052
 Ion Ratio Lower Upper
 202 100
 101 12.4 10.4 15.6
 100 9.1 7.7 11.5





#20

Pyrene

Concen: 1.421 ng/ul

RT: 19.822 min Scan# 3652

Delta R.T. -0.000 min

Lab File: BN024487.D

Acq: 22 Mar 2023 19:40

Instrument :

BNA_N

ClientSampleId :

CB929DL

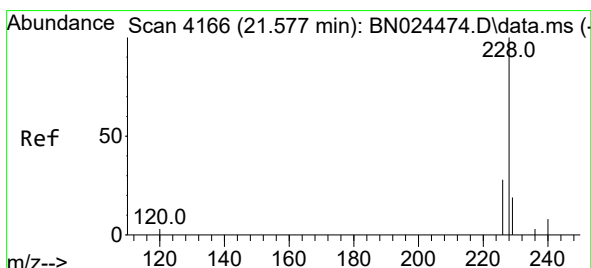
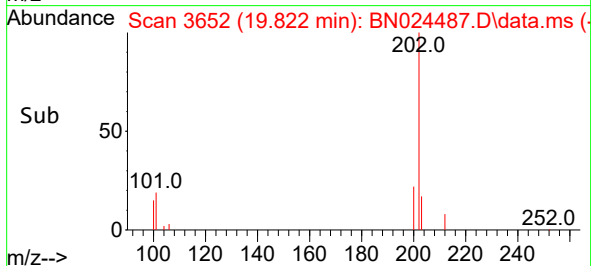
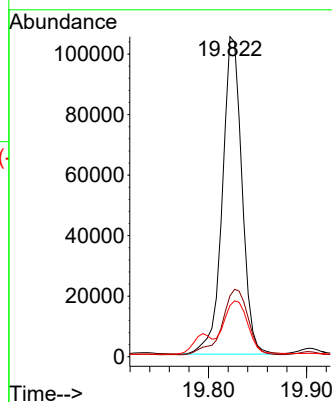
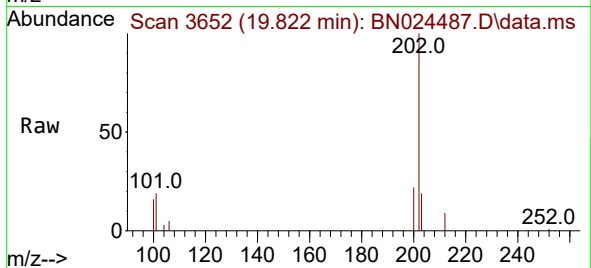
Tgt Ion:202 Resp: 146191

Ion Ratio Lower Upper

202 100

101 19.0 12.1 18.1#

100 16.0 9.4 14.0#



#21

Benzo(a)anthracene

Concen: 0.299 ng/ul

RT: 21.580 min Scan# 4167

Delta R.T. 0.003 min

Lab File: BN024487.D

Acq: 22 Mar 2023 19:40

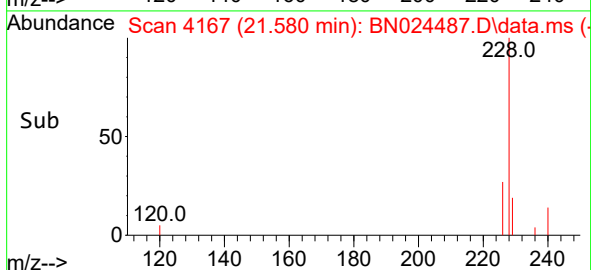
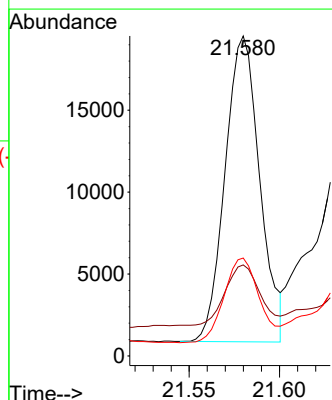
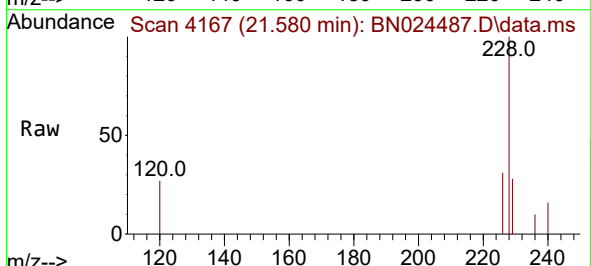
Tgt Ion:228 Resp: 24893

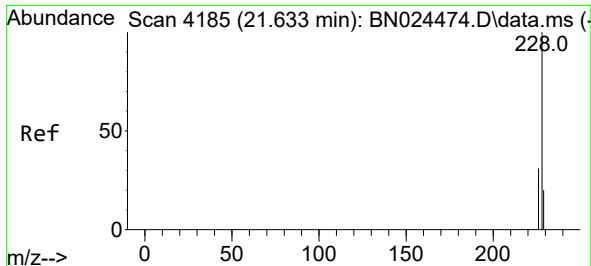
Ion Ratio Lower Upper

228 100

229 28.5 15.8 23.6#

226 30.6 22.2 33.4





#22

Chrysene

Concen: 0.264 ng/ul

RT: 21.635 min Scan# 4185

Delta R.T. 0.003 min

Lab File: BN024487.D

Acq: 22 Mar 2023 19:40

Instrument :

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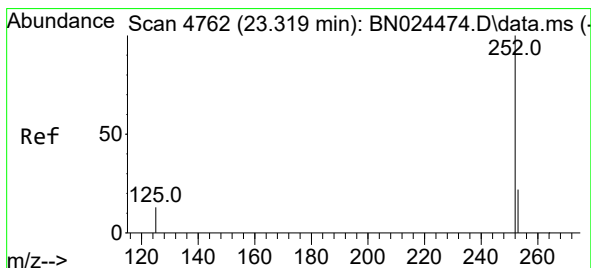
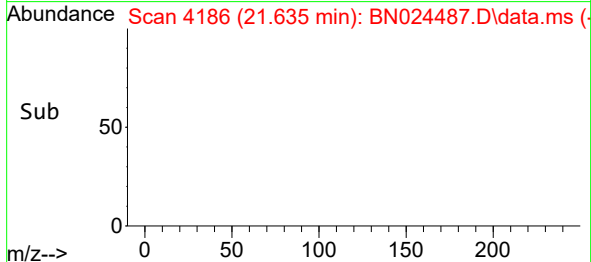
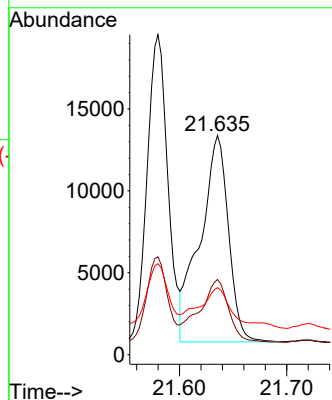
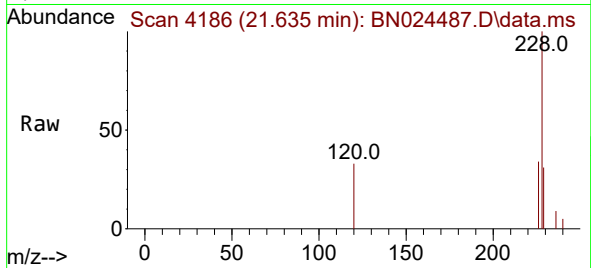
Tgt Ion:228 Resp: 23177

Ion Ratio Lower Upper

228 100

226 34.3 24.8 37.2

229 30.6 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.227 ng/ul

RT: 23.331 min Scan# 4766

Delta R.T. 0.012 min

Lab File: BN024487.D

Acq: 22 Mar 2023 19:40

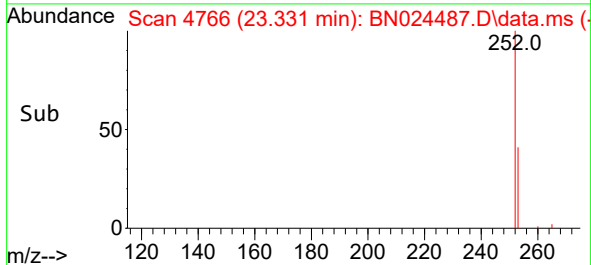
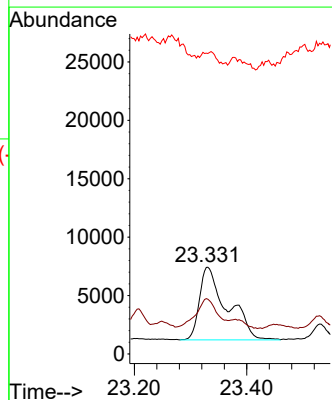
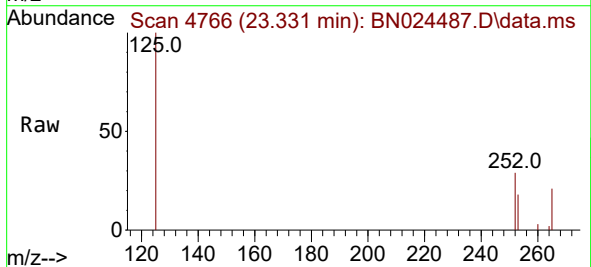
Tgt Ion:252 Resp: 21150

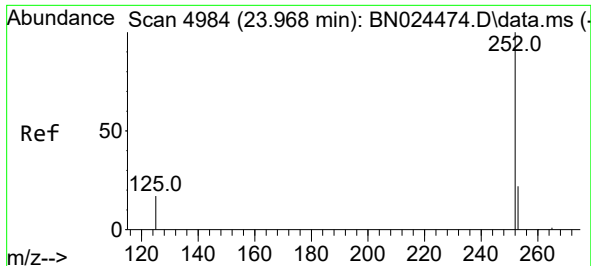
Ion Ratio Lower Upper

252 100

253 63.2 0.0 46.2#

125 346.4 0.0 34.0#

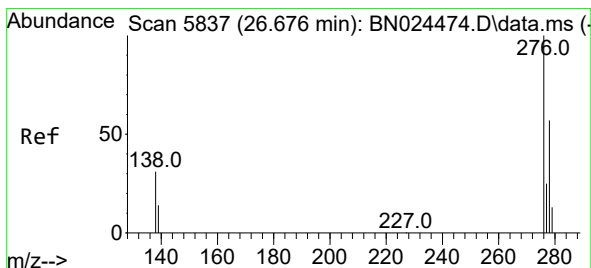
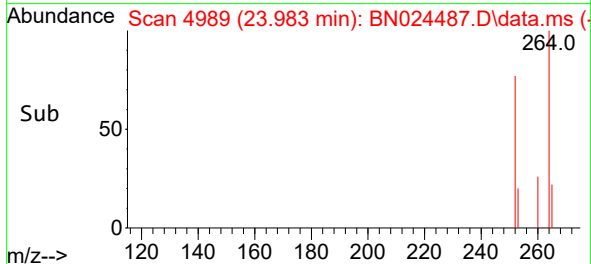
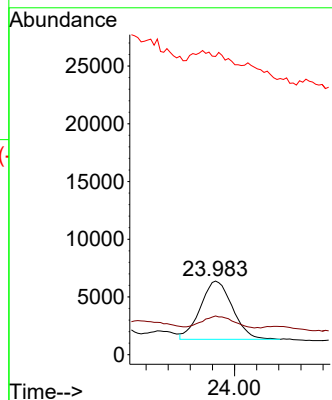
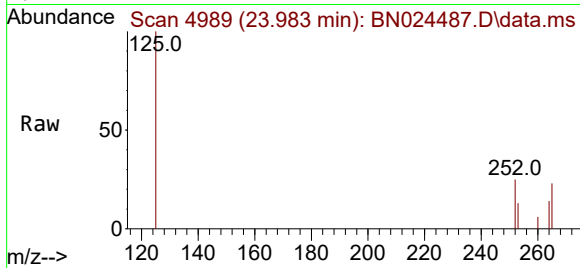




#26
Benzo(a)pyrene
Concen: 0.127 ng/ul
RT: 23.983 min Scan# 4989
Delta R.T. 0.015 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

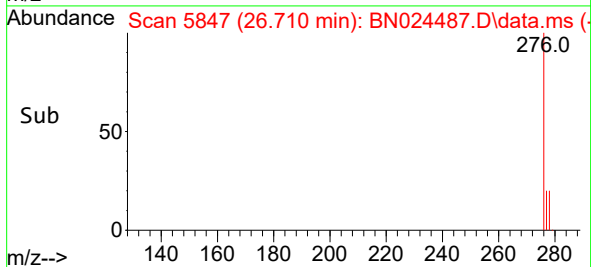
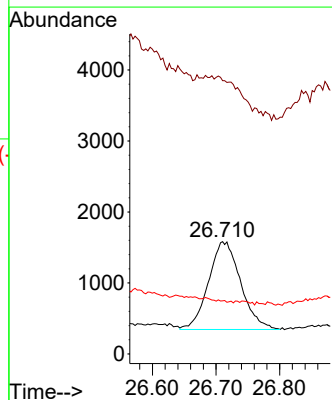
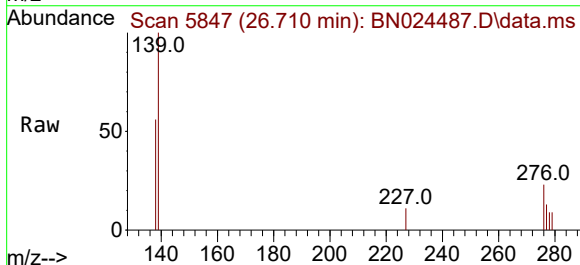
Instrument :
BNA_N
ClientSampleId :
CB929DL

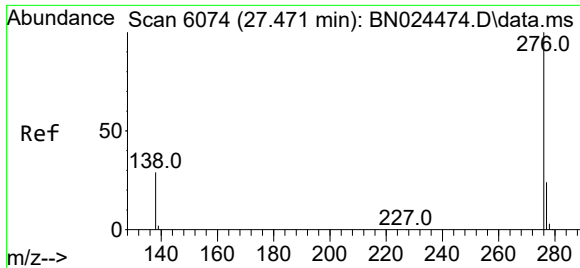
Tgt Ion:252 Resp: 10154
Ion Ratio Lower Upper
252 100
253 52.7 19.2 28.8#
125 405.4 15.8 23.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.048 ng/ul
RT: 26.710 min Scan# 5847
Delta R.T. 0.034 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

Tgt Ion:276 Resp: 4343
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.0 0.0 0.0





#29
Benzo(g,h,i)perylene
Concen: 0.064 ng/ul
RT: 27.525 min Scan# 6090
Delta R.T. 0.054 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

Instrument :
BNA_N
ClientSampleId :
CB929DL

Tgt Ion:276 Resp: 5020
Ion Ratio Lower Upper
276 100
138 184.9 25.2 37.8#
277 51.0 19.4 29.2#

