

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023437.D
 Acq On : 25 Dec 2022 07:34
 Operator : CG/JU
 Sample : N6017-08
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 26 01:22:08 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 25 05:17:59 2022
 Response via : Initial Calibration

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

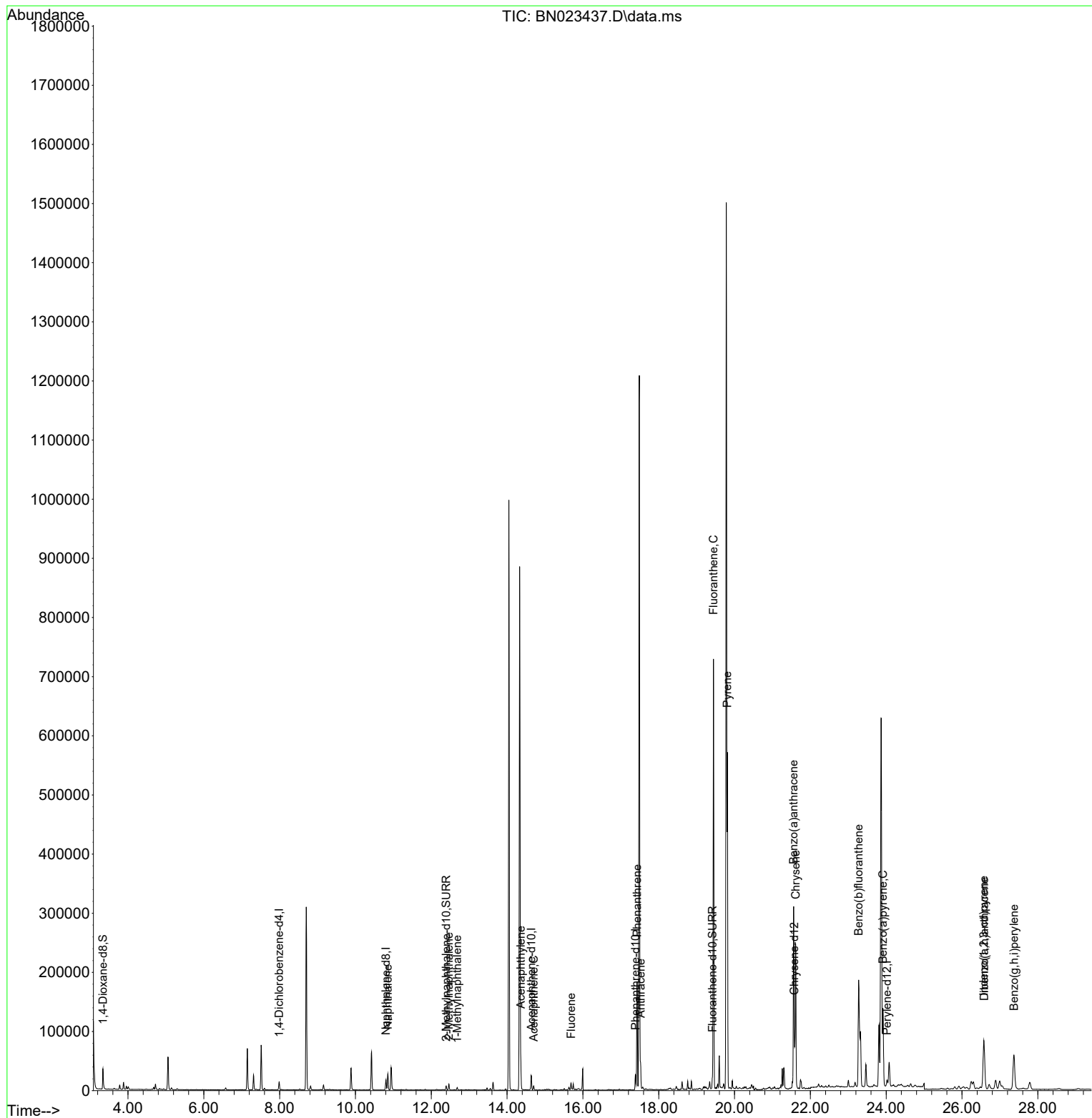
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	6626	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	21972	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.636	164	13088	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	29311	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	20373	0.400	ng/ul	# 0.00
23) Perylene-d12	24.023	264	14953	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	23219	3.225	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	8260	0.243	ng/ul	0.00
18) Fluoranthene-d10	19.415	212	19692	0.267	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.854	128	35206	0.546	ng/ul	100
7) 2-Methylnaphthalene	12.465	142	6524	0.158	ng/ul	100
8) 1-Methylnaphthalene	12.685	142	2841	0.067	ng/ul	99
10) Acenaphthylene	14.358	152	50472	0.870	ng/ul	100
11) Acenaphthene	14.701	153	4099	0.084	ng/ul	98
12) Fluorene	15.686	166	7465	0.136	ng/ul	98
15) Phenanthrene	17.428	178	186427	1.953	ng/ul	100
16) Anthracene	17.521	178	42733	0.540	ng/ul	100
19) Fluoranthene	19.443	202	594866	6.019	ng/ul	100
20) Pyrene	19.810	202	427552	4.291	ng/ul	98
21) Benzo(a)anthracene	21.556	228	256893	3.239	ng/ul	98
22) Chrysene	21.612	228	241956	3.000	ng/ul	98
24) Benzo(b)fluoranthene	23.275	252	423496	5.476	ng/ul	95
26) Benzo(a)pyrene	23.915	252	187781	3.066	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.575	276	140733	1.969	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.585	278	34196	0.617	ng/ul	92
29) Benzo(g,h,i)perylene	27.370	276	127473	2.188	ng/ul	99

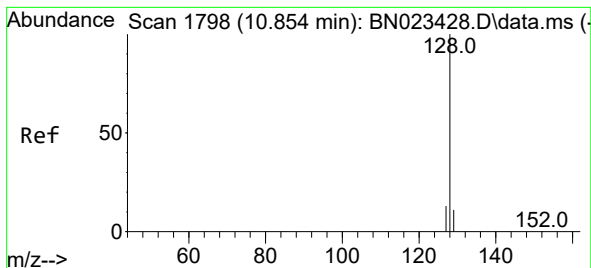
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 26 01:22:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
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#5

Naphthalene

Concen: 0.546 ng/ul

RT: 10.854 min Scan# 1798

Delta R.T. -0.000 min

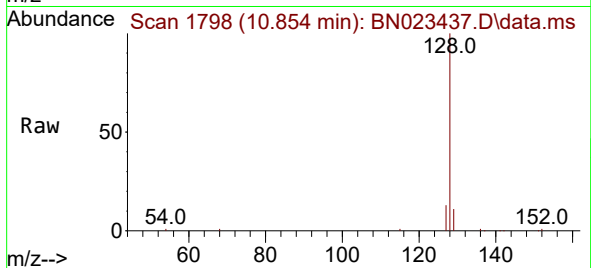
Lab File: BN023437.D

Acq: 25 Dec 2022 07:34

Instrument :

BNA_N

ClientSampleId :



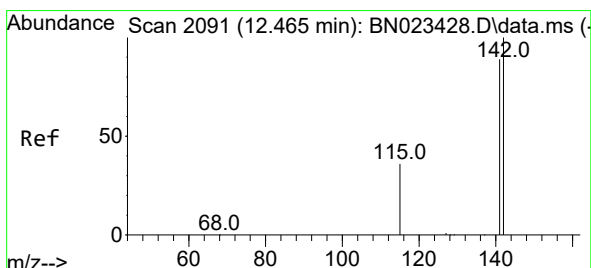
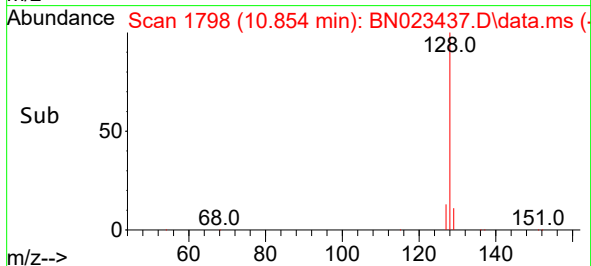
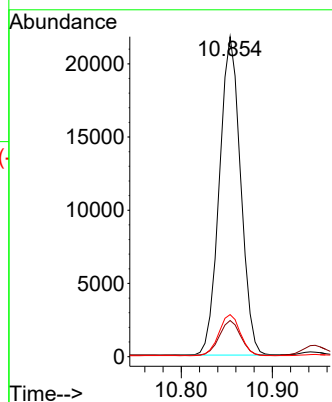
Tgt Ion:128 Resp: 35206

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

127 13.2 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.158 ng/ul

RT: 12.465 min Scan# 2091

Delta R.T. -0.000 min

Lab File: BN023437.D

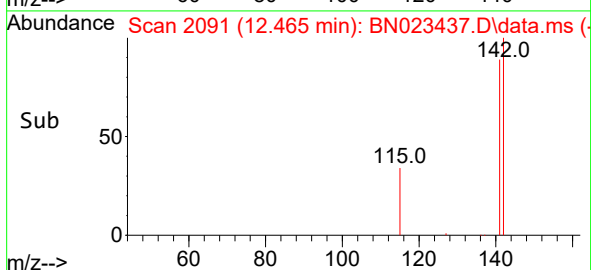
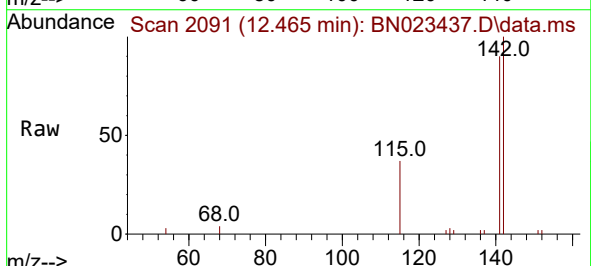
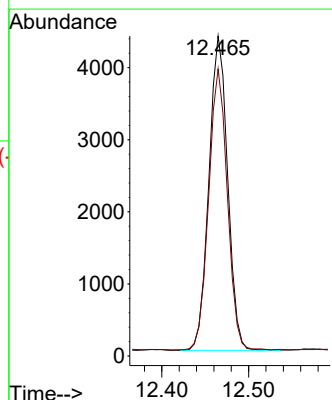
Acq: 25 Dec 2022 07:34

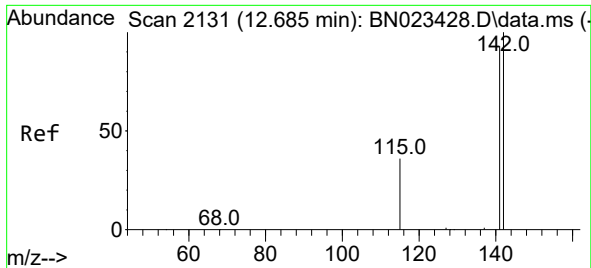
Tgt Ion:142 Resp: 6524

Ion Ratio Lower Upper

142 100

141 89.0 71.4 107.2

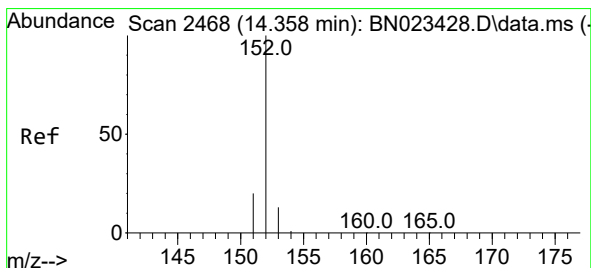
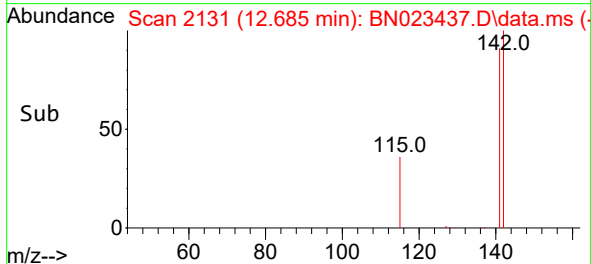
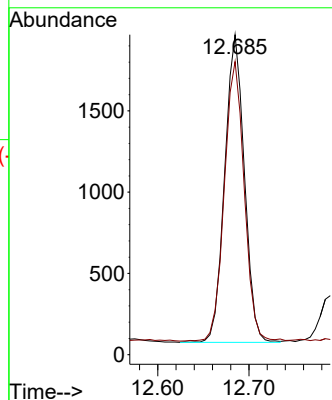
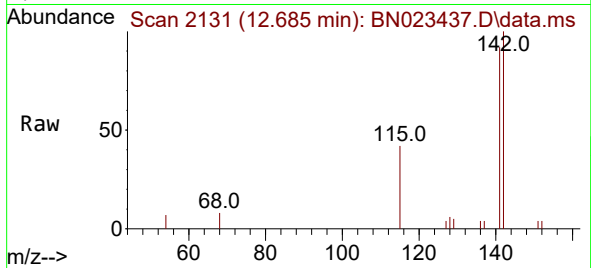




#8
1-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.685 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BN023437.D
Acq: 25 Dec 2022 07:34

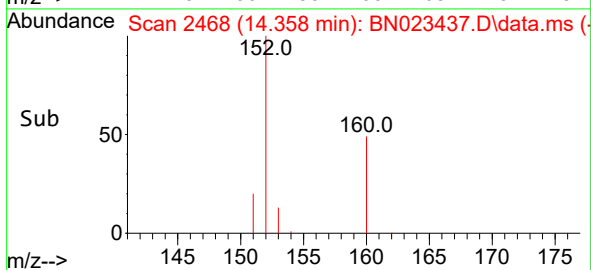
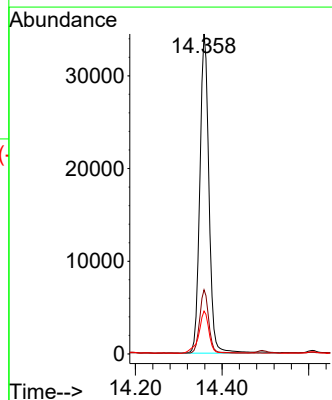
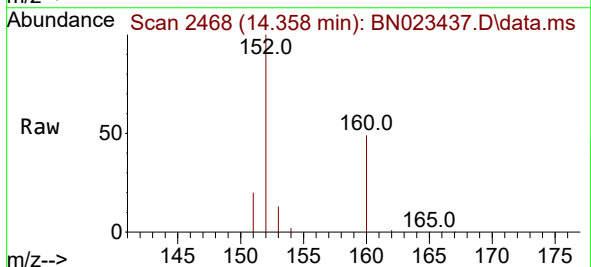
Instrument :
BNA_N
ClientSampleId :

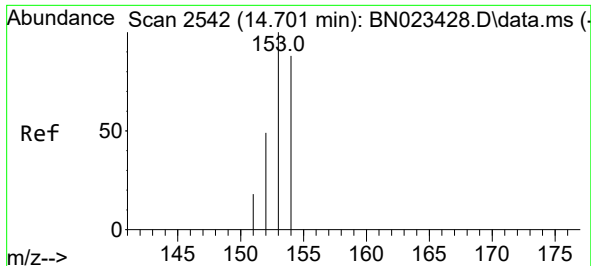
Tgt Ion:142 Resp: 2841
Ion Ratio Lower Upper
142 100
141 92.0 74.0 111.0



#10
Acenaphthylene
Concen: 0.870 ng/ul
RT: 14.358 min Scan# 2468
Delta R.T. -0.000 min
Lab File: BN023437.D
Acq: 25 Dec 2022 07:34

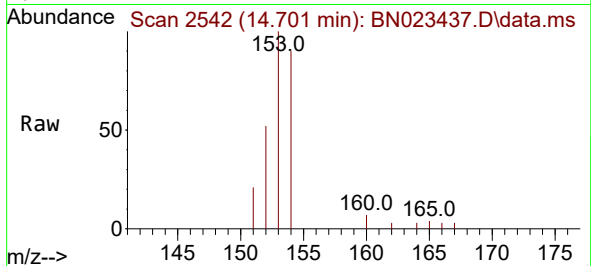
Tgt Ion:152 Resp: 50472
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.4 10.9 16.3



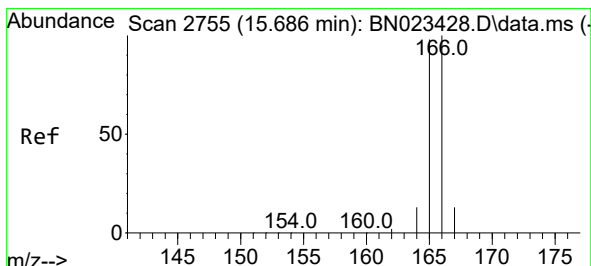
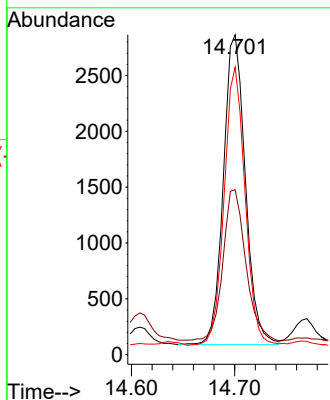
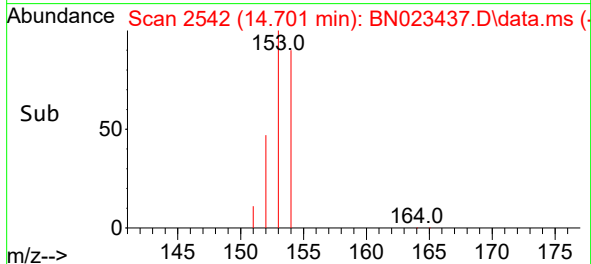


#11
Acenaphthene
Concen: 0.084 ng/ul
RT: 14.701 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023437.D
Acq: 25 Dec 2022 07:34

Instrument :
BNA_N
ClientSampleId :

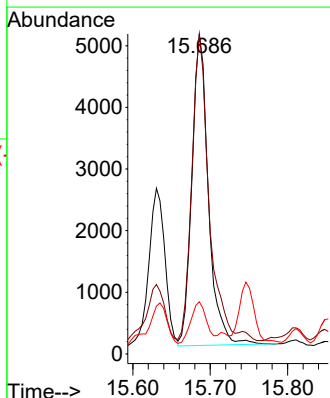
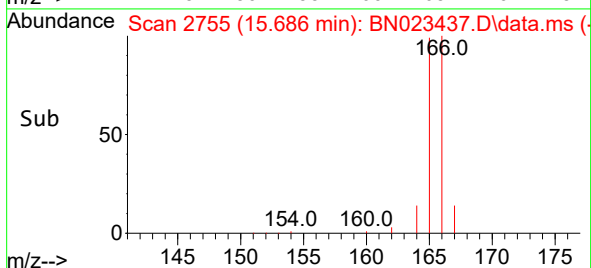
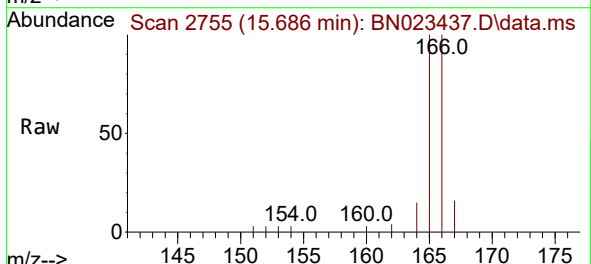


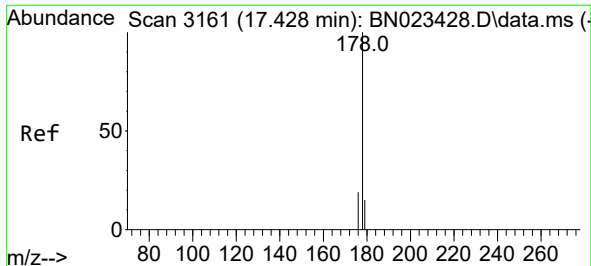
Tgt Ion:153 Resp: 4099
Ion Ratio Lower Upper
153 100
152 51.5 41.0 61.4
154 89.8 69.5 104.3



#12
Fluorene
Concen: 0.136 ng/ul
RT: 15.686 min Scan# 2755
Delta R.T. -0.000 min
Lab File: BN023437.D
Acq: 25 Dec 2022 07:34

Tgt Ion:166 Resp: 7465
Ion Ratio Lower Upper
166 100
165 100.0 79.1 118.7
167 16.3 11.0 16.4

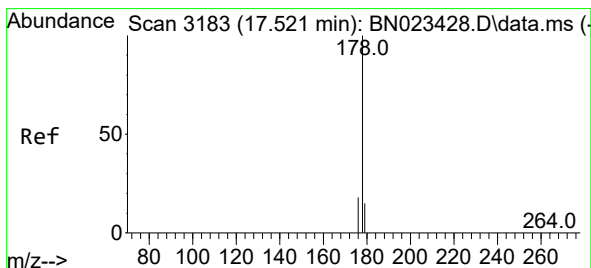
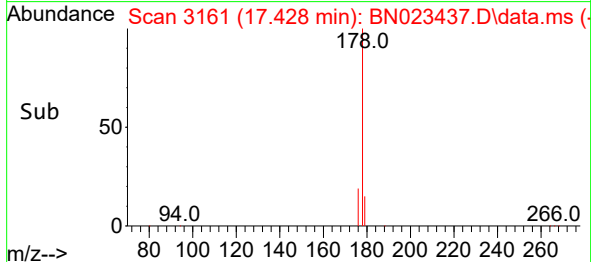
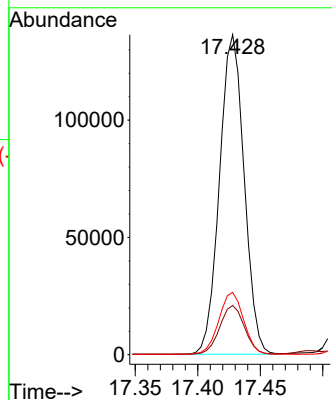
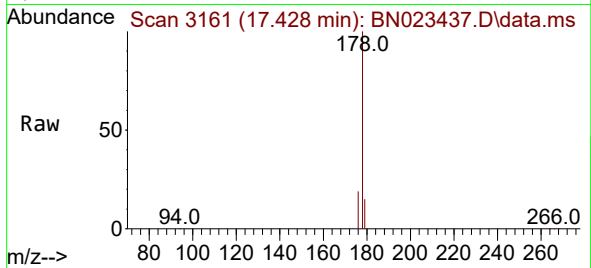




#15
Phenanthrene
Concen: 1.953 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BN023437.D
Acq: 25 Dec 2022 07:34

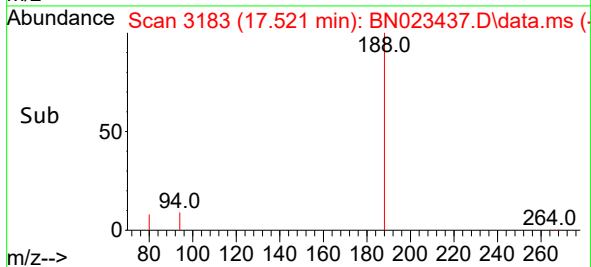
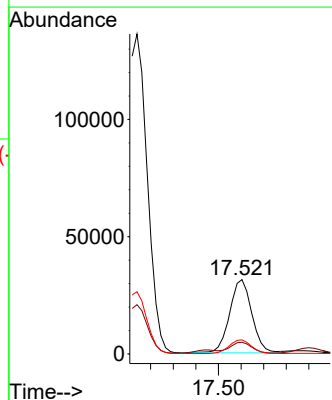
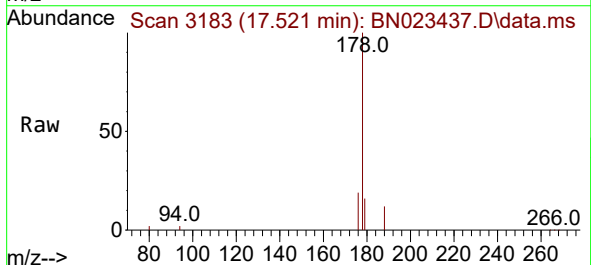
Instrument :
BNA_N
ClientSampleId :

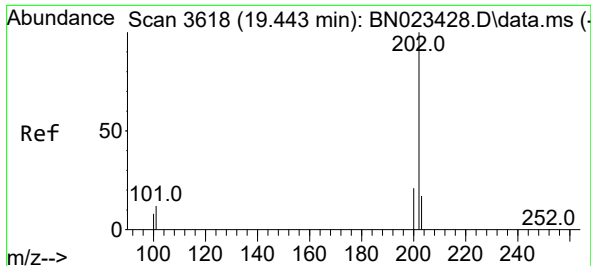
Tgt Ion:178 Resp: 186427
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.5 15.7 23.5



#16
Anthracene
Concen: 0.540 ng/ul
RT: 17.521 min Scan# 3183
Delta R.T. -0.000 min
Lab File: BN023437.D
Acq: 25 Dec 2022 07:34

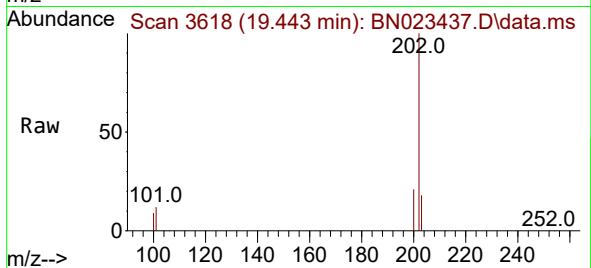
Tgt Ion:178 Resp: 42733
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 18.9 15.4 23.0



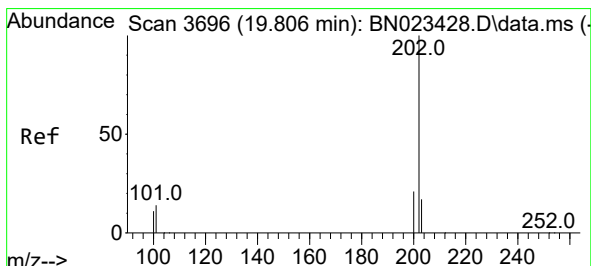
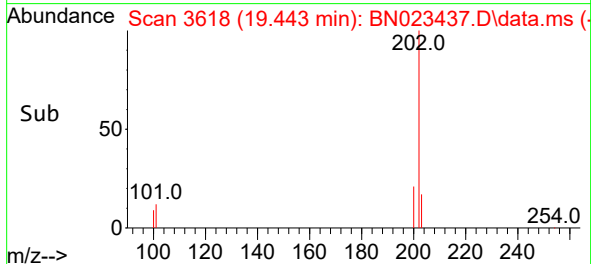
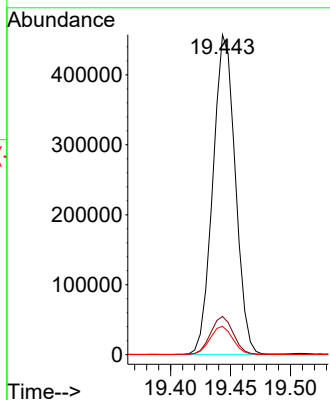


#19
Fluoranthene
Concen: 6.019 ng/ul
RT: 19.443 min Scan# 3618
Delta R.T. -0.000 min
Lab File: BN023437.D
Acq: 25 Dec 2022 07:34

Instrument :
BNA_N
ClientSampleId :

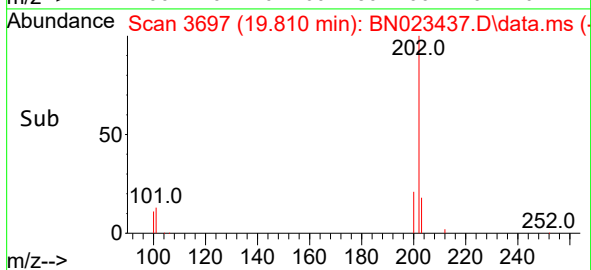
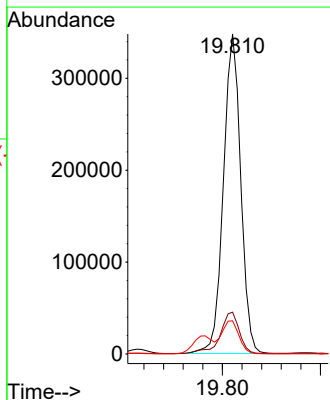
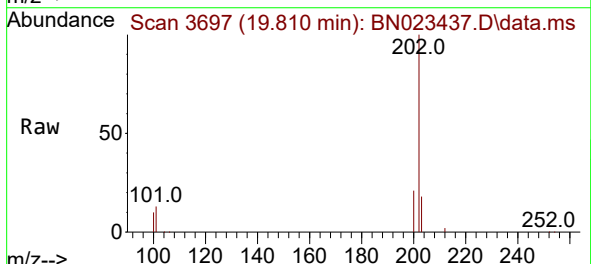


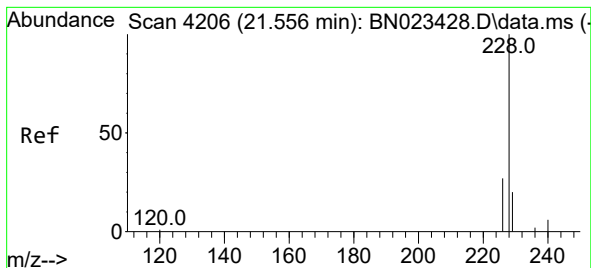
Tgt Ion:202 Resp: 594866
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.2
100 8.9 7.0 10.6



#20
Pyrene
Concen: 4.291 ng/ul
RT: 19.810 min Scan# 3697
Delta R.T. 0.005 min
Lab File: BN023437.D
Acq: 25 Dec 2022 07:34

Tgt Ion:202 Resp: 427552
Ion Ratio Lower Upper
202 100
101 13.1 11.3 16.9
100 10.3 9.0 13.4





#21

Benzo(a)anthracene

Concen: 3.239 ng/ul

RT: 21.556 min Scan# 4206

Delta R.T. -0.000 min

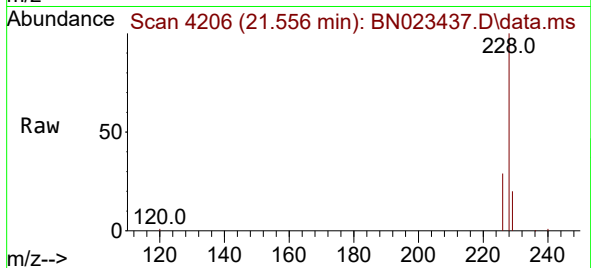
Lab File: BN023437.D

Acq: 25 Dec 2022 07:34

Instrument :

BNA_N

ClientSampleId :



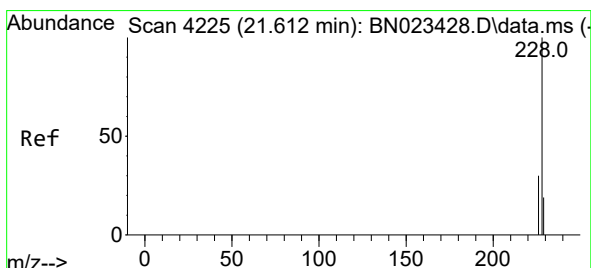
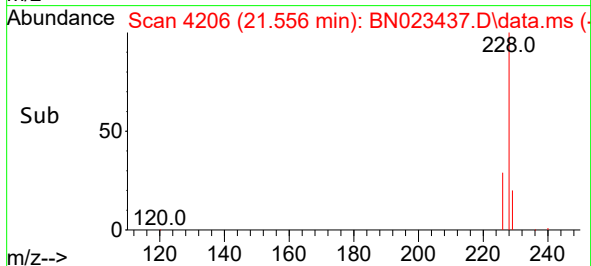
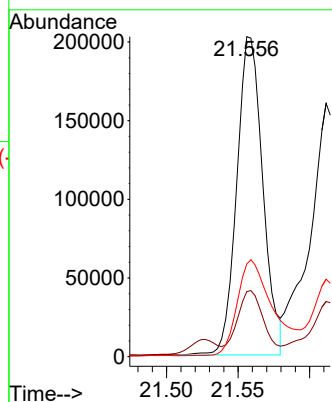
Tgt Ion:228 Resp: 256893

Ion Ratio Lower Upper

228 100

229 20.3 15.6 23.4

226 29.0 22.2 33.2



#22

Chrysene

Concen: 3.000 ng/ul

RT: 21.612 min Scan# 4225

Delta R.T. -0.000 min

Lab File: BN023437.D

Acq: 25 Dec 2022 07:34

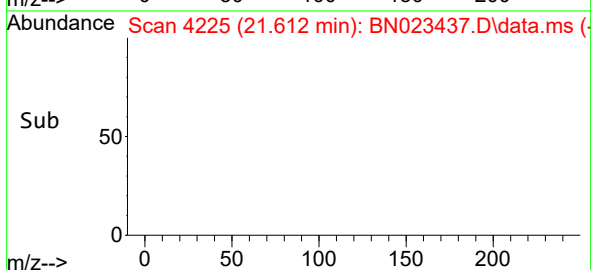
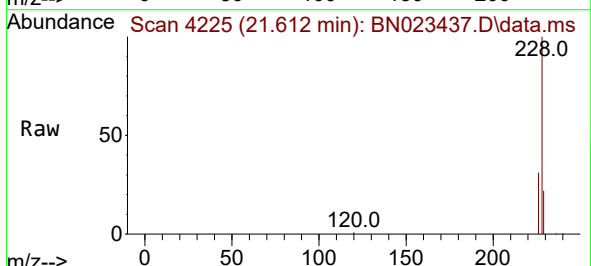
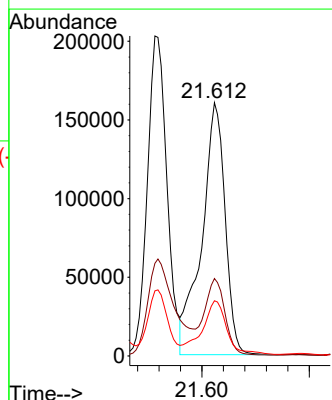
Tgt Ion:228 Resp: 241956

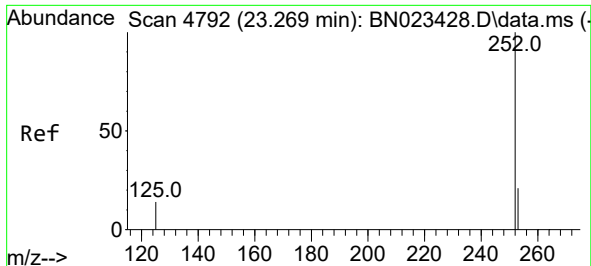
Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

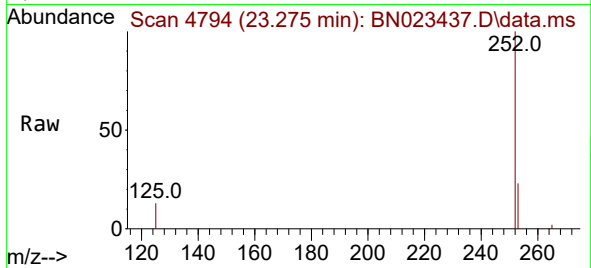
229 21.8 15.8 23.6



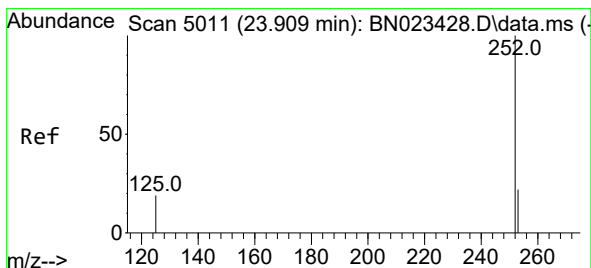
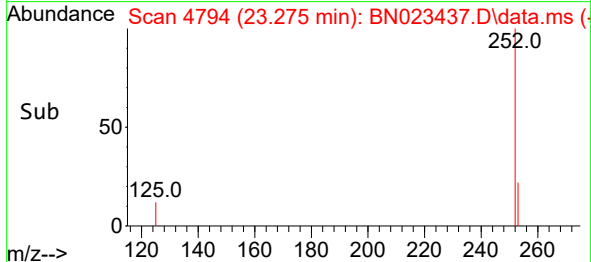
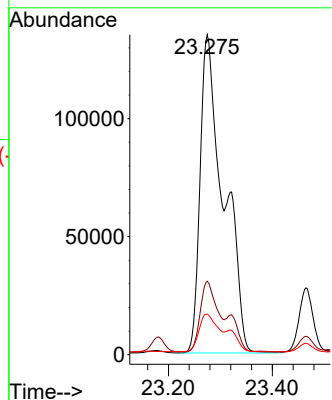


#24
Benzo(b)fluoranthene
Concen: 5.476 ng/ul
RT: 23.275 min Scan# 4792
Delta R.T. 0.006 min
Lab File: BN023437.D
Acq: 25 Dec 2022 07:34

Instrument :
BNA_N
ClientSampleId :

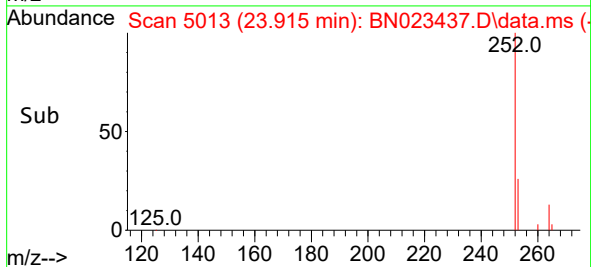
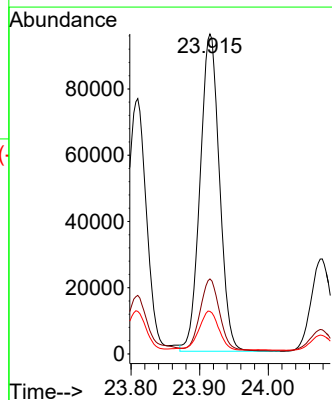
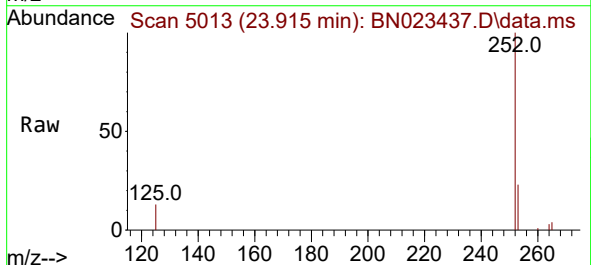


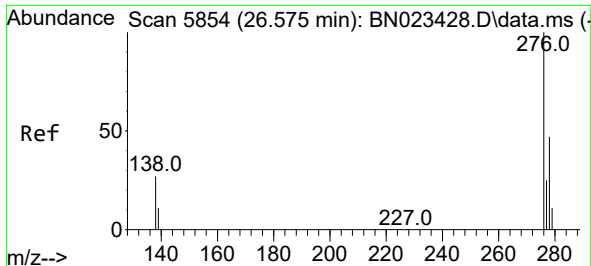
Tgt Ion:252 Resp: 423496
Ion Ratio Lower Upper
252 100
253 22.9 0.0 49.2
125 12.7 0.0 31.8



#26
Benzo(a)pyrene
Concen: 3.066 ng/ul
RT: 23.915 min Scan# 5013
Delta R.T. 0.006 min
Lab File: BN023437.D
Acq: 25 Dec 2022 07:34

Tgt Ion:252 Resp: 187781
Ion Ratio Lower Upper
252 100
253 23.4 21.4 32.2
125 13.3 16.2 24.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.969 ng/ul

RT: 26.575 min Scan# 5854

Delta R.T. -0.000 min

Lab File: BN023437.D

Acq: 25 Dec 2022 07:34

Instrument :

BNA_N

ClientSampleId :

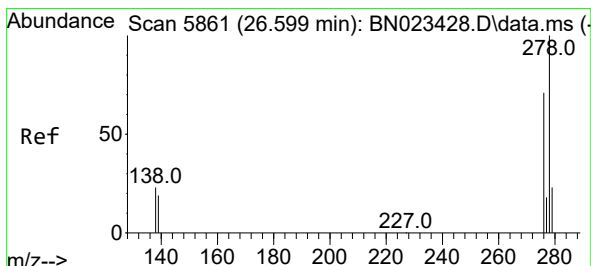
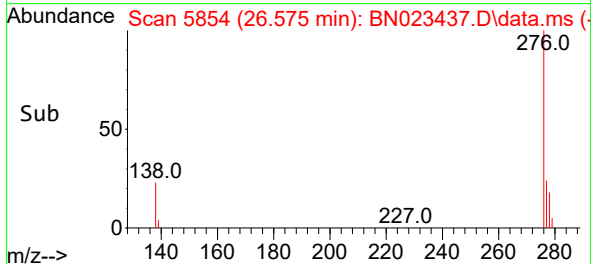
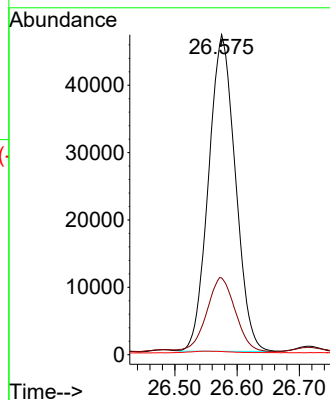
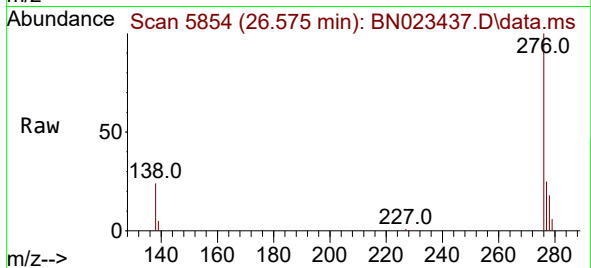
Tgt Ion:276 Resp: 140733

Ion Ratio Lower Upper

276 100

138 24.7 23.4 35.2

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.617 ng/ul

RT: 26.585 min Scan# 5857

Delta R.T. -0.014 min

Lab File: BN023437.D

Acq: 25 Dec 2022 07:34

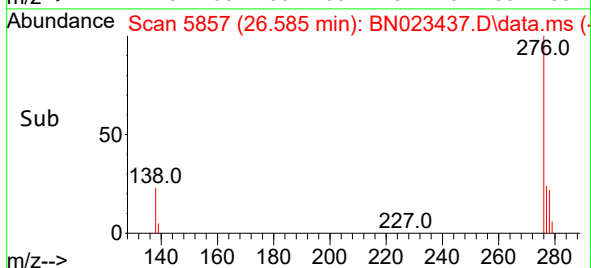
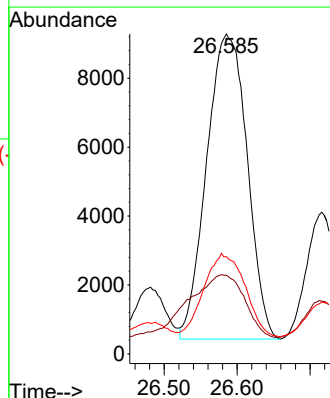
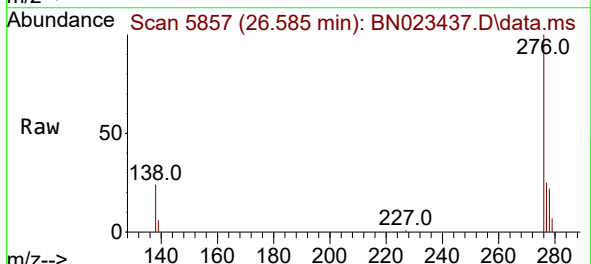
Tgt Ion:278 Resp: 34196

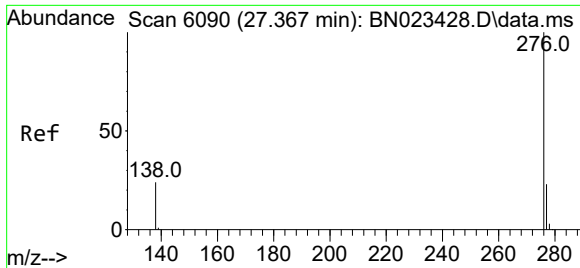
Ion Ratio Lower Upper

278 100

139 24.6 16.6 24.8

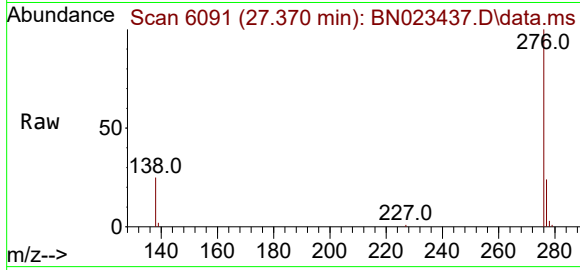
279 30.4 21.3 31.9





#29
 Benzo(g,h,i)perylene
 Concen: 2.188 ng/ul
 RT: 27.370 min Scan# 6091
 Delta R.T. 0.003 min
 Lab File: BN023437.D
 Acq: 25 Dec 2022 07:34

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	127473
Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.3	30.5
277	24.3	19.7	29.5

