

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028086.D
 Acq On : 06 Oct 2023 15:53
 Operator : MA/JU
 Sample : 04469-05DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 07 00:31:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

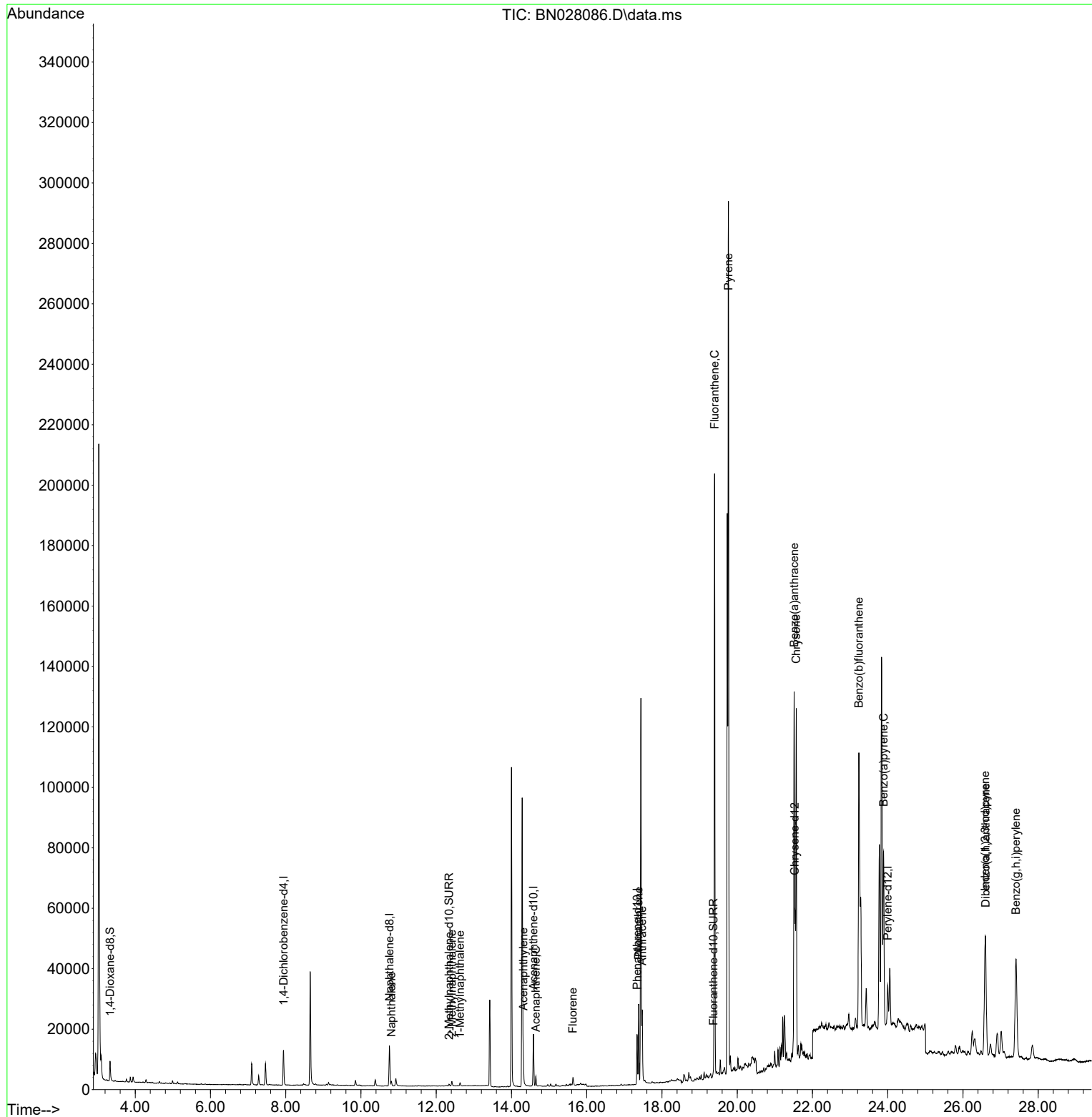
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	6074	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	18585	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	9662	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	19473	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.530	240	16743	0.400	ng/ul	# 0.01
23) Perylene-d12	24.000	264	19397	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	4890	0.641	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	912	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	1827	0.034	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.806	128	1935	0.037	ng/ul#	86
7) 2-Methylnaphthalene	12.418	142	1227	0.037	ng/ul	99
8) 1-Methylnaphthalene	12.632	142	812	0.024	ng/ul	96
10) Acenaphthylene	14.314	152	9996	0.228	ng/ul	98
11) Acenaphthene	14.647	153	1945	0.056	ng/ul	98
12) Fluorene	15.633	166	1727	0.044	ng/ul#	87
15) Phenanthrene	17.380	178	27873	0.480	ng/ul	99
16) Anthracene	17.472	178	24600	0.474	ng/ul	98
19) Fluoranthene	19.399	202	171206	2.678	ng/ul	98
20) Pyrene	19.766	202	237380	3.582	ng/ul	99
21) Benzo(a)anthracene	21.513	228	107438	1.757	ng/ul	96
22) Chrysene	21.568	228	130427	2.113	ng/ul	95
24) Benzo(b)fluoranthene	23.234	252	218027	3.031	ng/ul	93
26) Benzo(a)pyrene	23.889	252	89239	1.455	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.592	276	73709	0.993	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.606	278	20999	0.348	ng/ul#	40
29) Benzo(g,h,i)perylene	27.407	276	77293	1.274	ng/ul	93

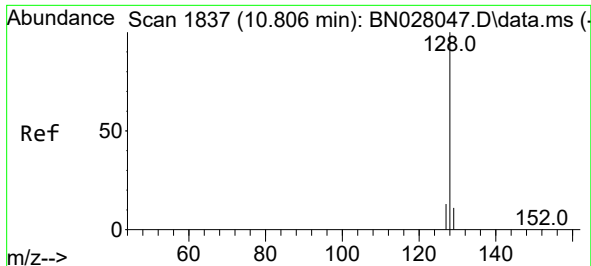
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
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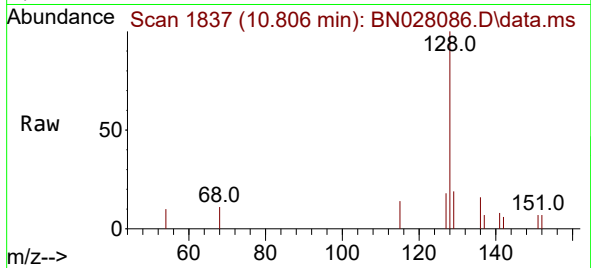
Quant Time: Oct 07 00:31:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration



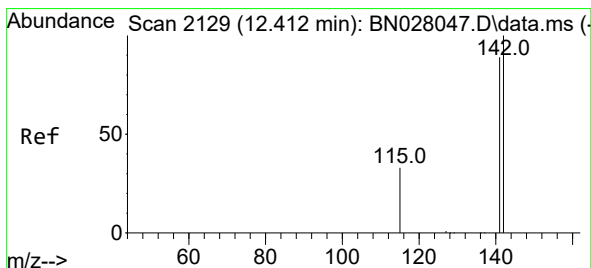
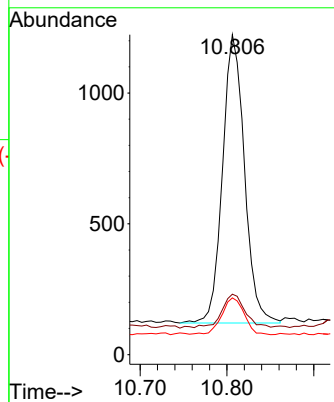
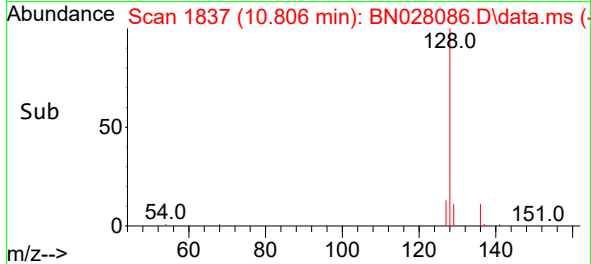


#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

Instrument :
BNA_G
ClientSampleId :

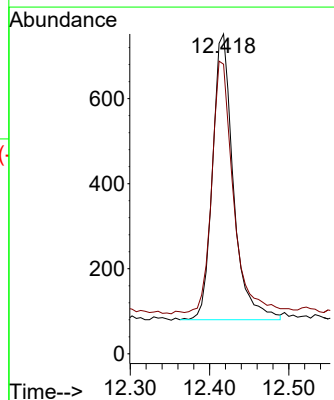
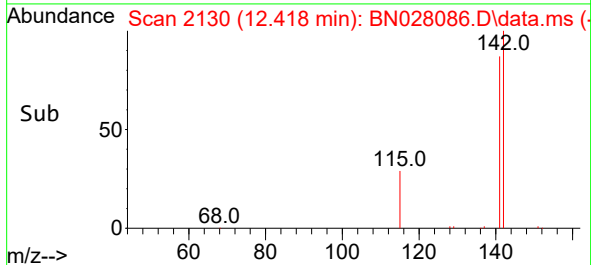
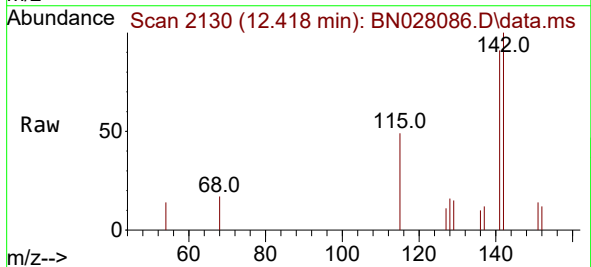


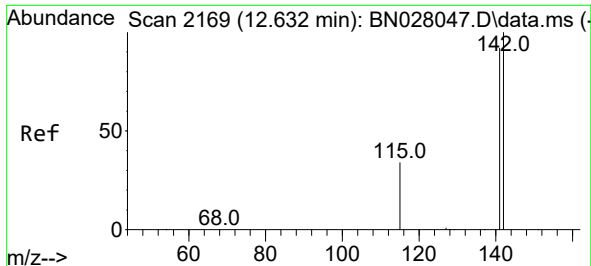
Tgt Ion:128 Resp: 1935
Ion Ratio Lower Upper
128 100
129 18.9 9.4 14.0#
127 17.7 11.0 16.4#



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.418 min Scan# 2130
Delta R.T. 0.005 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

Tgt Ion:142 Resp: 1227
Ion Ratio Lower Upper
142 100
141 89.8 70.9 106.3

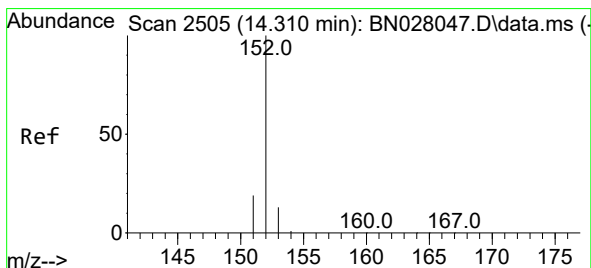
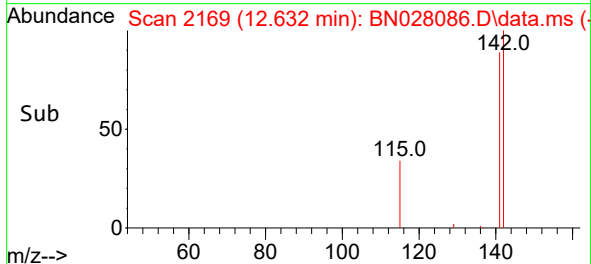
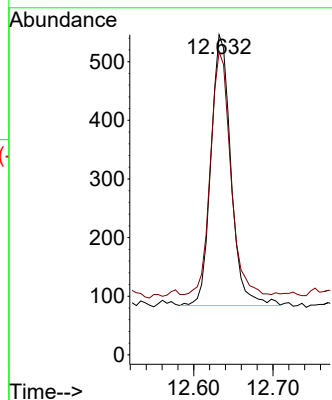
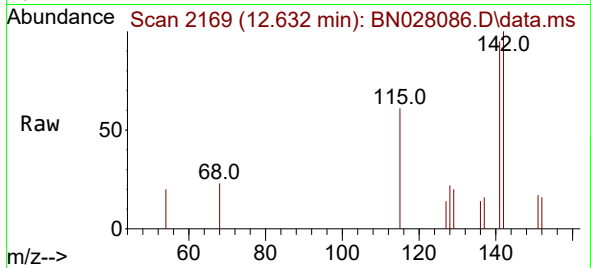




#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. 0.005 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

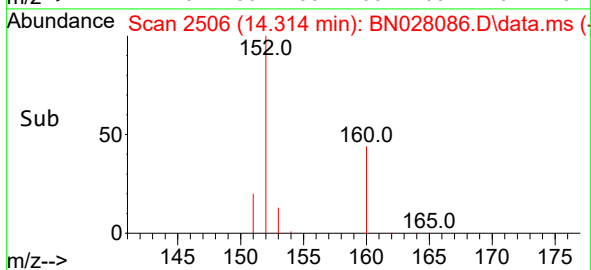
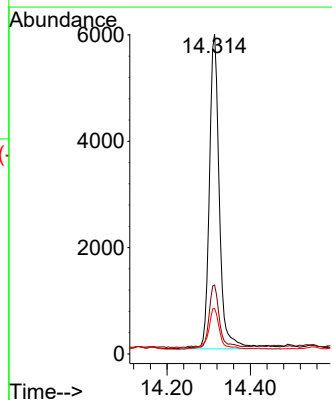
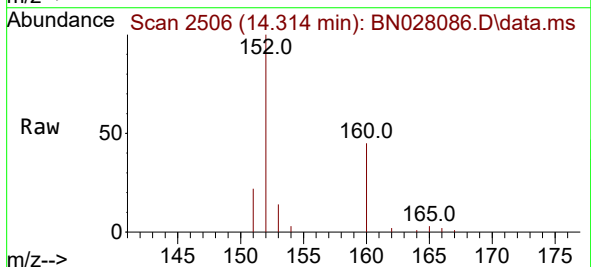
Instrument :
BNA_G
ClientSampleId :

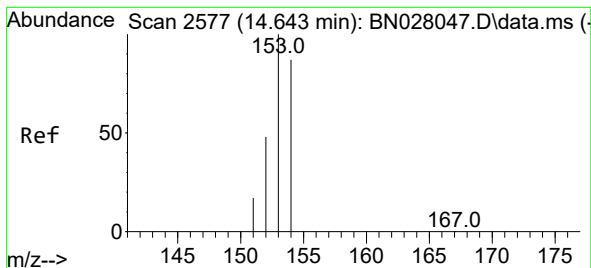
Tgt Ion:142 Resp: 812
Ion Ratio Lower Upper
142 100
141 89.2 74.4 111.6



#10
Acenaphthylene
Concen: 0.228 ng/ul
RT: 14.314 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

Tgt Ion:152 Resp: 9996
Ion Ratio Lower Upper
152 100
151 21.5 16.4 24.6
153 14.2 10.9 16.3





#11

Acenaphthene

Concen: 0.056 ng/ul

RT: 14.647 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN028086.D

Acq: 06 Oct 2023 15:53

Instrument :

BNA_G

ClientSampleId :

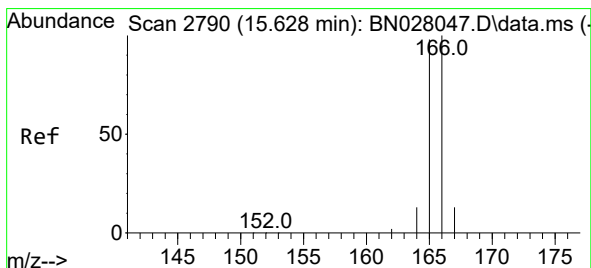
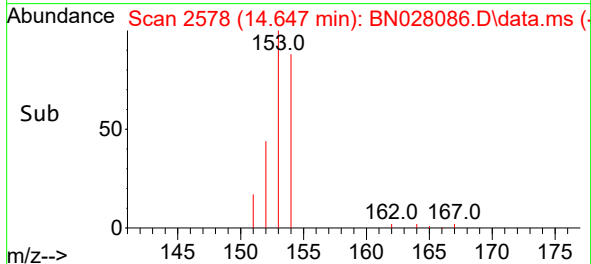
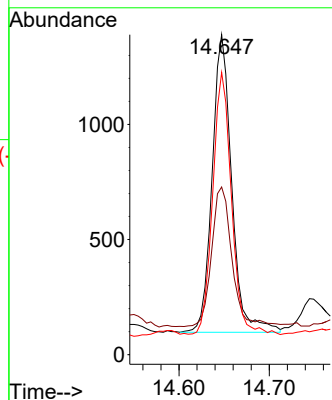
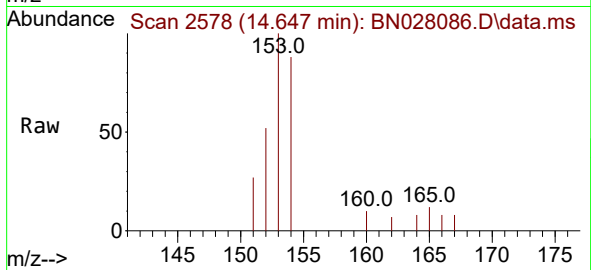
Tgt Ion:153 Resp: 1945

Ion Ratio Lower Upper

153 100

152 52.4 39.4 59.0

154 88.2 70.2 105.4



#12

Fluorene

Concen: 0.044 ng/ul

RT: 15.633 min Scan# 2791

Delta R.T. -0.000 min

Lab File: BN028086.D

Acq: 06 Oct 2023 15:53

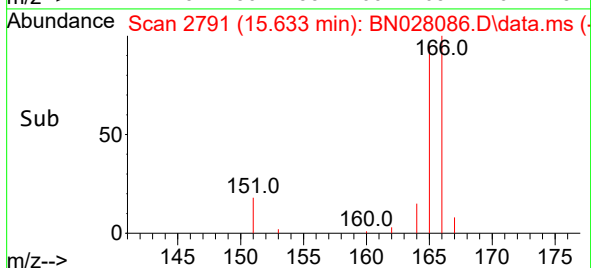
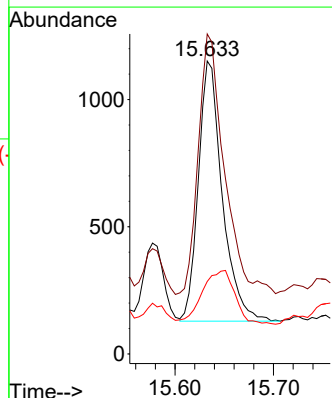
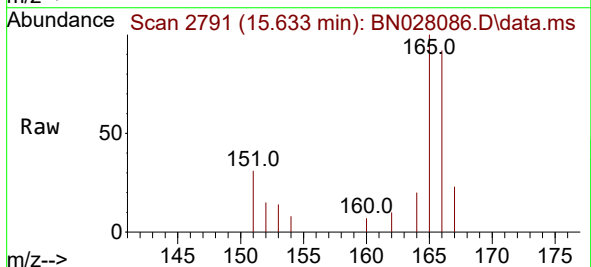
Tgt Ion:166 Resp: 1727

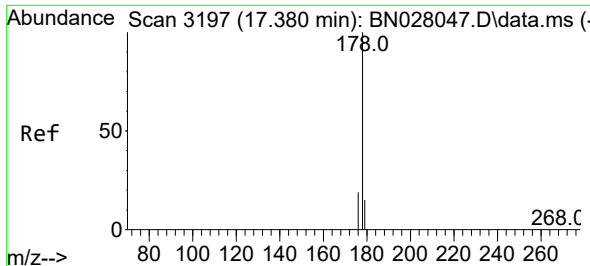
Ion Ratio Lower Upper

166 100

165 109.2 78.5 117.7

167 24.7 11.2 16.8#

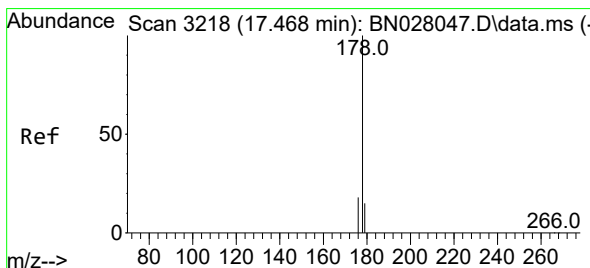
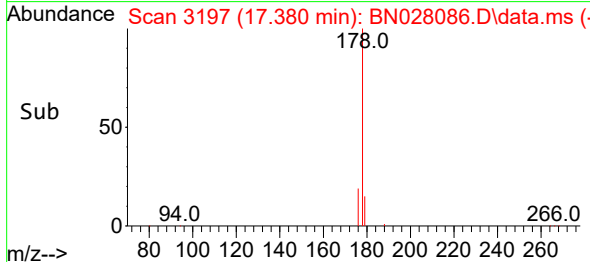
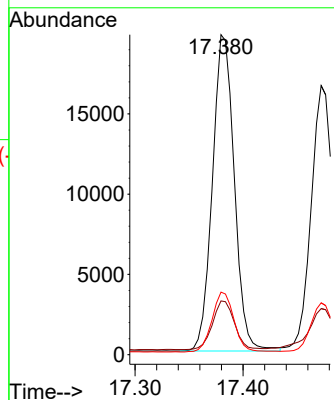
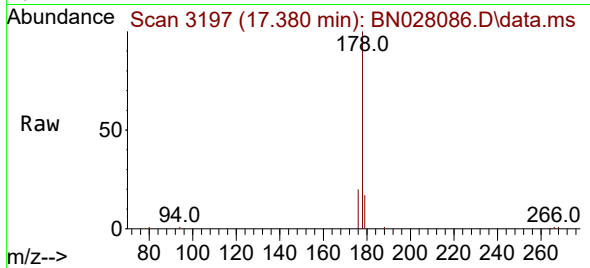




#15
Phenanthrene
Concen: 0.480 ng/ul
RT: 17.380 min Scan# 3197
Delta R.T. 0.004 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

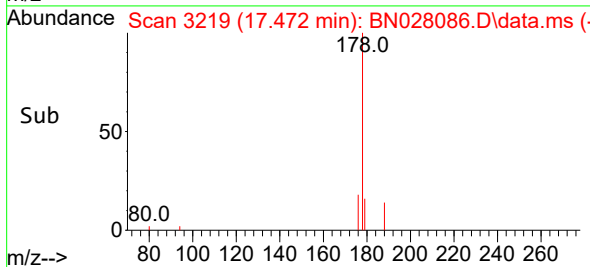
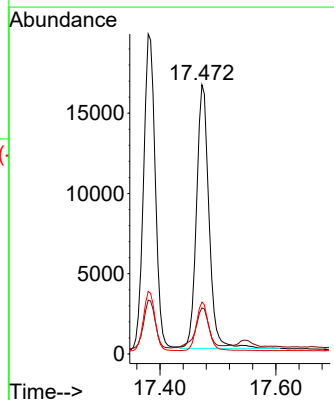
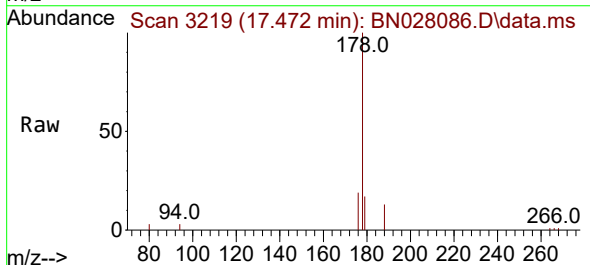
Instrument :
BNA_G
ClientSampleId :

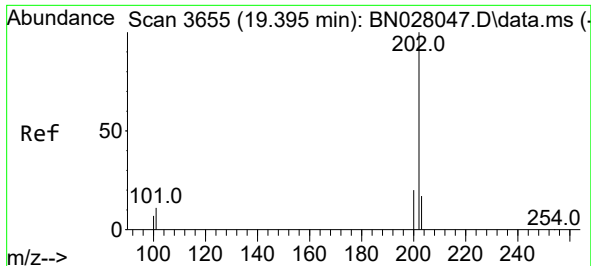
Tgt Ion:178 Resp: 27873
Ion Ratio Lower Upper
178 100
179 16.8 12.6 19.0
176 19.5 15.5 23.3



#16
Anthracene
Concen: 0.474 ng/ul
RT: 17.472 min Scan# 3219
Delta R.T. 0.004 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

Tgt Ion:178 Resp: 24600
Ion Ratio Lower Upper
178 100
179 17.1 12.8 19.2
176 19.3 15.0 22.6

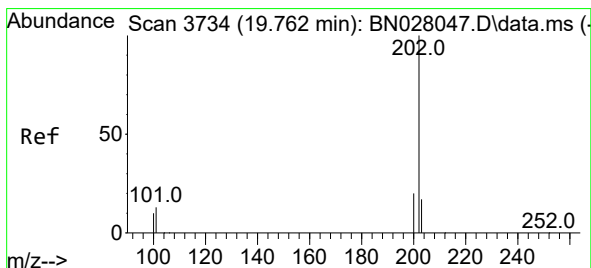
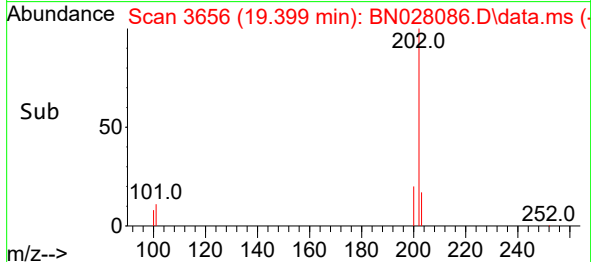
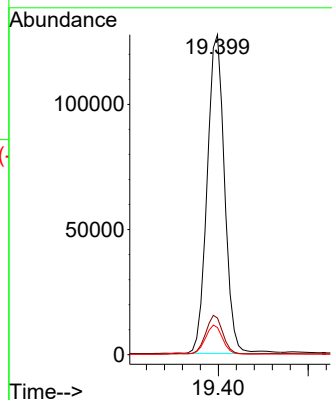
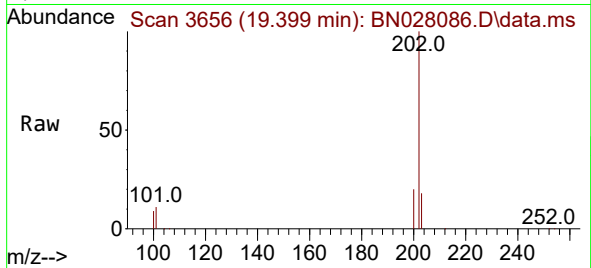




#19
Fluoranthene
Concen: 2.678 ng/ul
RT: 19.399 min Scan# 3655
Delta R.T. 0.009 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

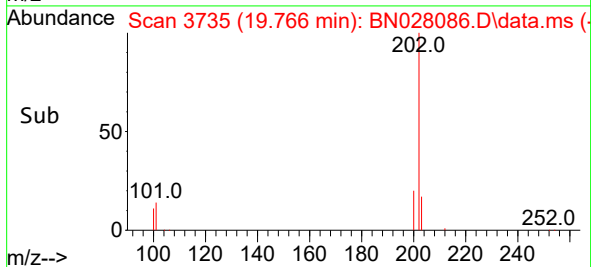
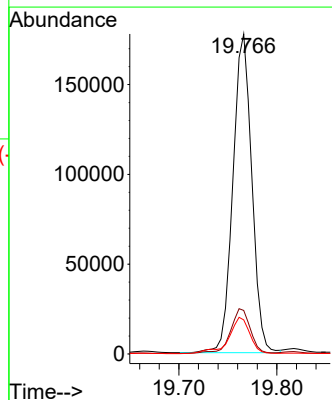
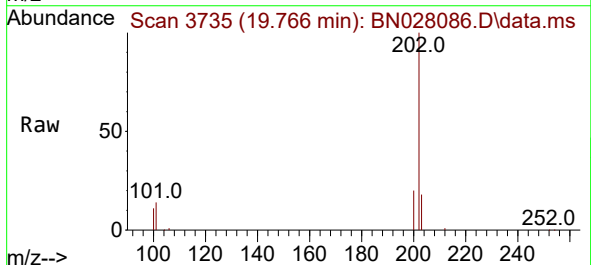
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ClientSampleId :

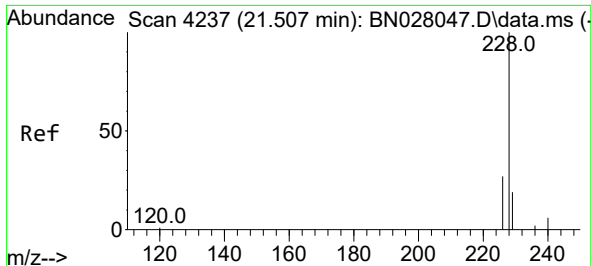
Tgt Ion:202 Resp: 171206
Ion Ratio Lower Upper
202 100
101 11.4 9.6 14.4
100 8.5 7.4 11.0



#20
Pyrene
Concen: 3.582 ng/ul
RT: 19.766 min Scan# 3735
Delta R.T. 0.009 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

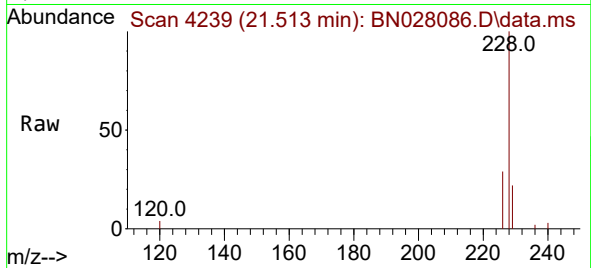
Tgt Ion:202 Resp: 237380
Ion Ratio Lower Upper
202 100
101 13.6 11.2 16.8
100 10.7 9.1 13.7



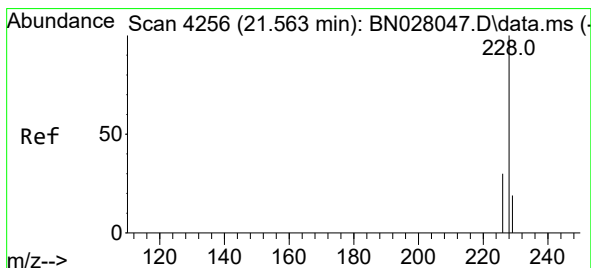
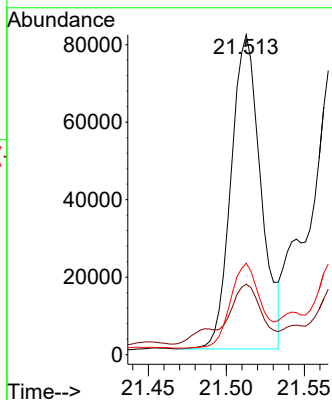
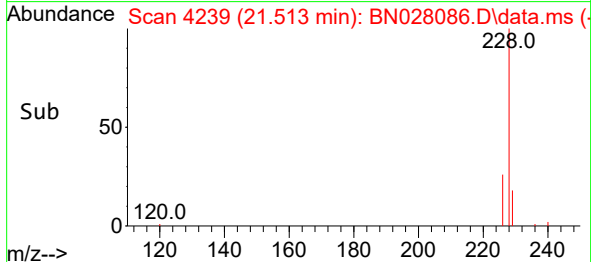


#21
Benzo(a)anthracene
Concen: 1.757 ng/ul
RT: 21.513 min Scan# 4239
Delta R.T. 0.012 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

Instrument :
BNA_G
ClientSampleId :

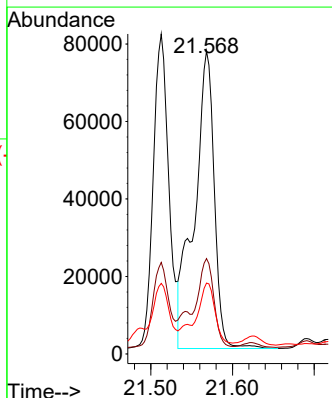
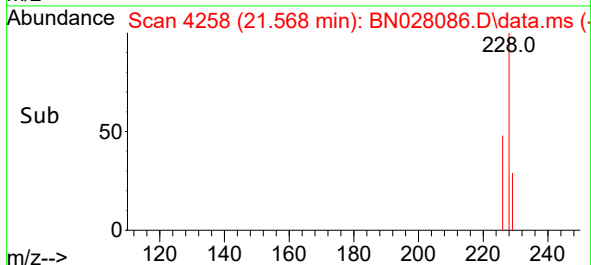
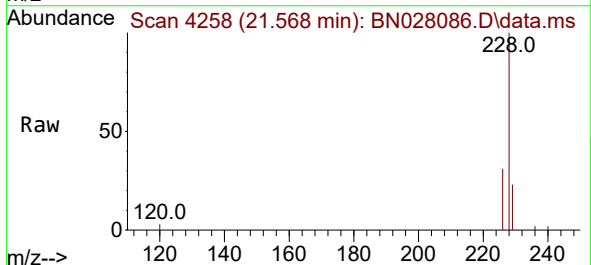


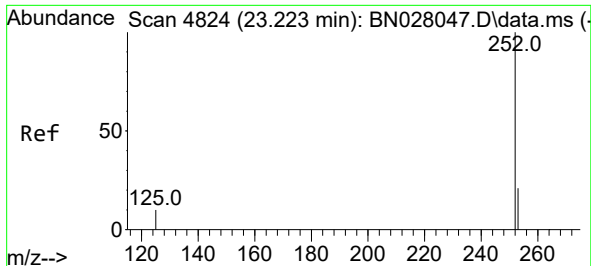
Tgt Ion:228 Resp: 107438
Ion Ratio Lower Upper
228 100
229 22.1 16.0 24.0
226 28.6 21.5 32.3



#22
Chrysene
Concen: 2.113 ng/ul
RT: 21.568 min Scan# 4258
Delta R.T. 0.012 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

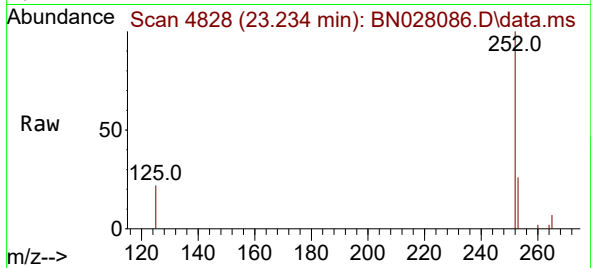
Tgt Ion:228 Resp: 130427
Ion Ratio Lower Upper
228 100
226 31.5 23.8 35.8
229 23.4 16.0 24.0



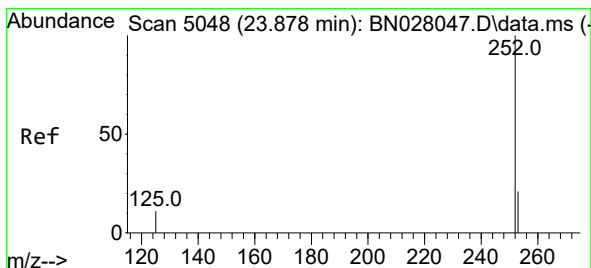
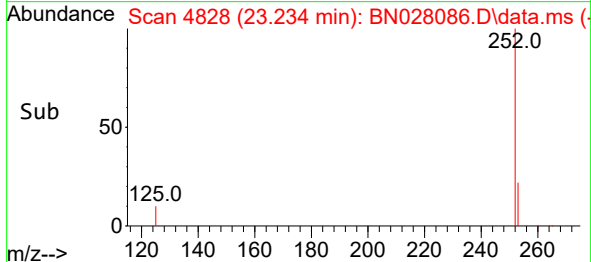
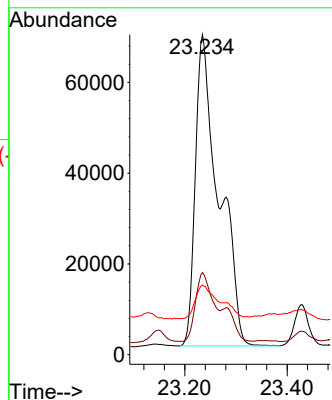


#24
Benzo(b)fluoranthene
Concen: 3.031 ng/ul
RT: 23.234 min Scan# 41
Delta R.T. 0.017 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

Instrument :
BNA_G
ClientSampleId :

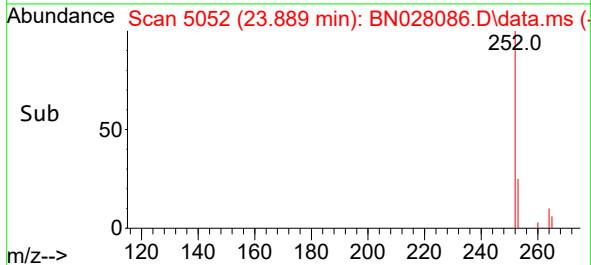
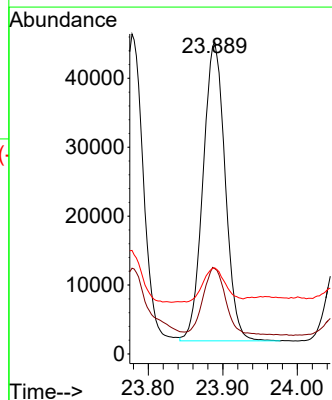
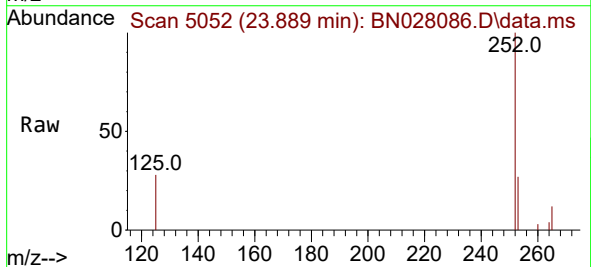


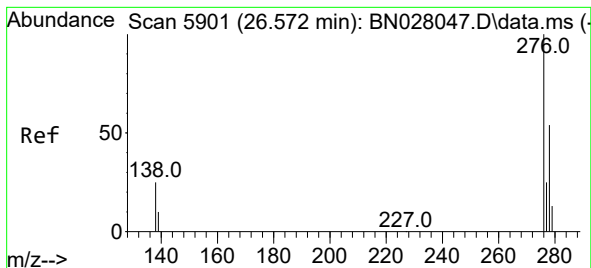
Tgt Ion:252 Resp: 218027
Ion Ratio Lower Upper
252 100
253 25.7 0.0 54.0
125 21.7 0.0 31.4



#26
Benzo(a)pyrene
Concen: 1.455 ng/ul
RT: 23.889 min Scan# 5052
Delta R.T. 0.020 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

Tgt Ion:252 Resp: 89239
Ion Ratio Lower Upper
252 100
253 27.4 23.4 35.2
125 27.6 15.3 22.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.993 ng/ul

RT: 26.592 min Scan# 5907

Delta R.T. 0.027 min

Lab File: BN028086.D

Acq: 06 Oct 2023 15:53

Instrument :

BNA_G

ClientSampleId :

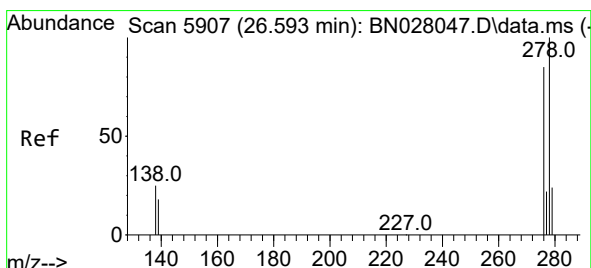
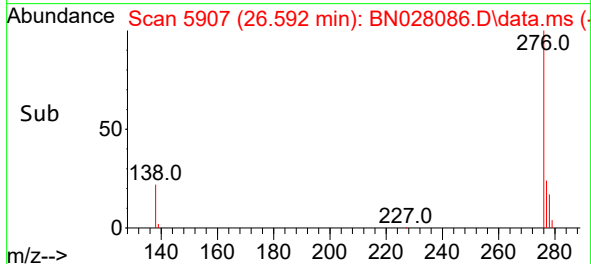
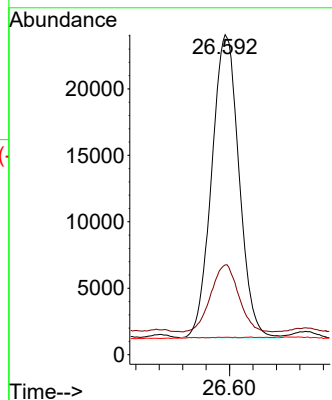
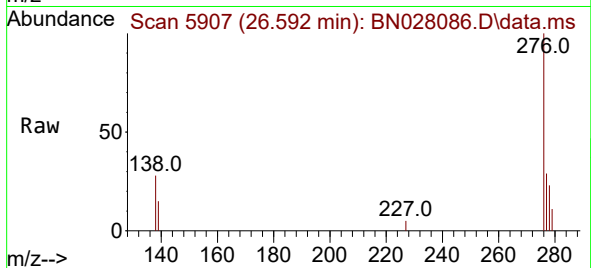
Tgt Ion:276 Resp: 73709

Ion Ratio Lower Upper

276 100

138 22.5 21.6 32.4

227 0.0 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.348 ng/ul

RT: 26.606 min Scan# 5911

Delta R.T. 0.023 min

Lab File: BN028086.D

Acq: 06 Oct 2023 15:53

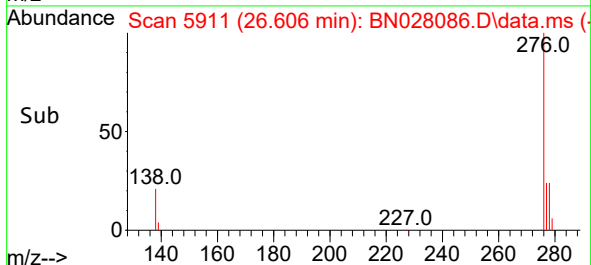
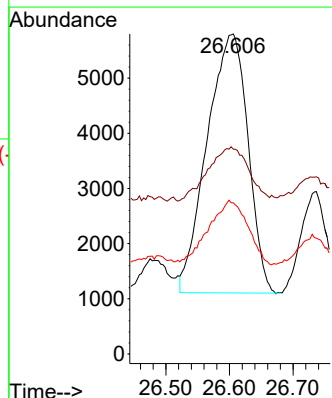
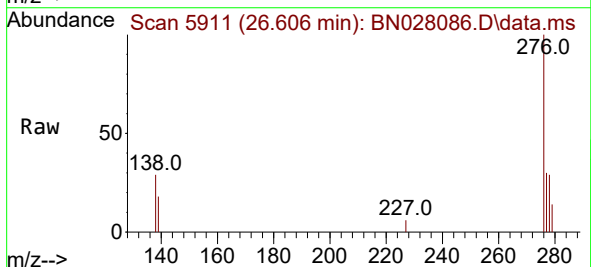
Tgt Ion:278 Resp: 20999

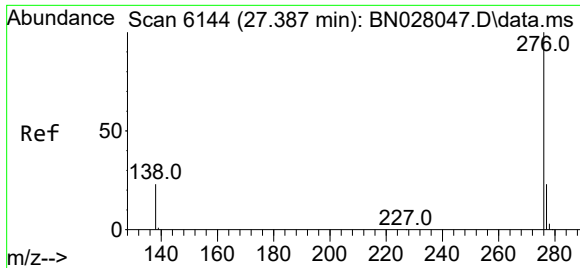
Ion Ratio Lower Upper

278 100

139 64.0 15.9 23.9#

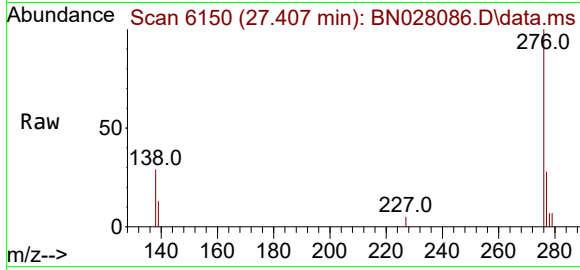
279 47.3 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 1.274 ng/ul
 RT: 27.407 min Scan# 61
 Delta R.T. 0.030 min
 Lab File: BN028086.D
 Acq: 06 Oct 2023 15:53

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:276 Resp: 77293
 Ion Ratio Lower Upper
 276 100
 138 29.2 19.8 29.6
 277 28.4 20.6 31.0

