

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025375.D
 Acq On : 10 May 2023 11:34
 Operator : CG/JU
 Sample : 02479-07DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW948DL

Quant Time: May 11 01:10:43 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 10 12:11:16 2023
 Response via : Initial Calibration

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

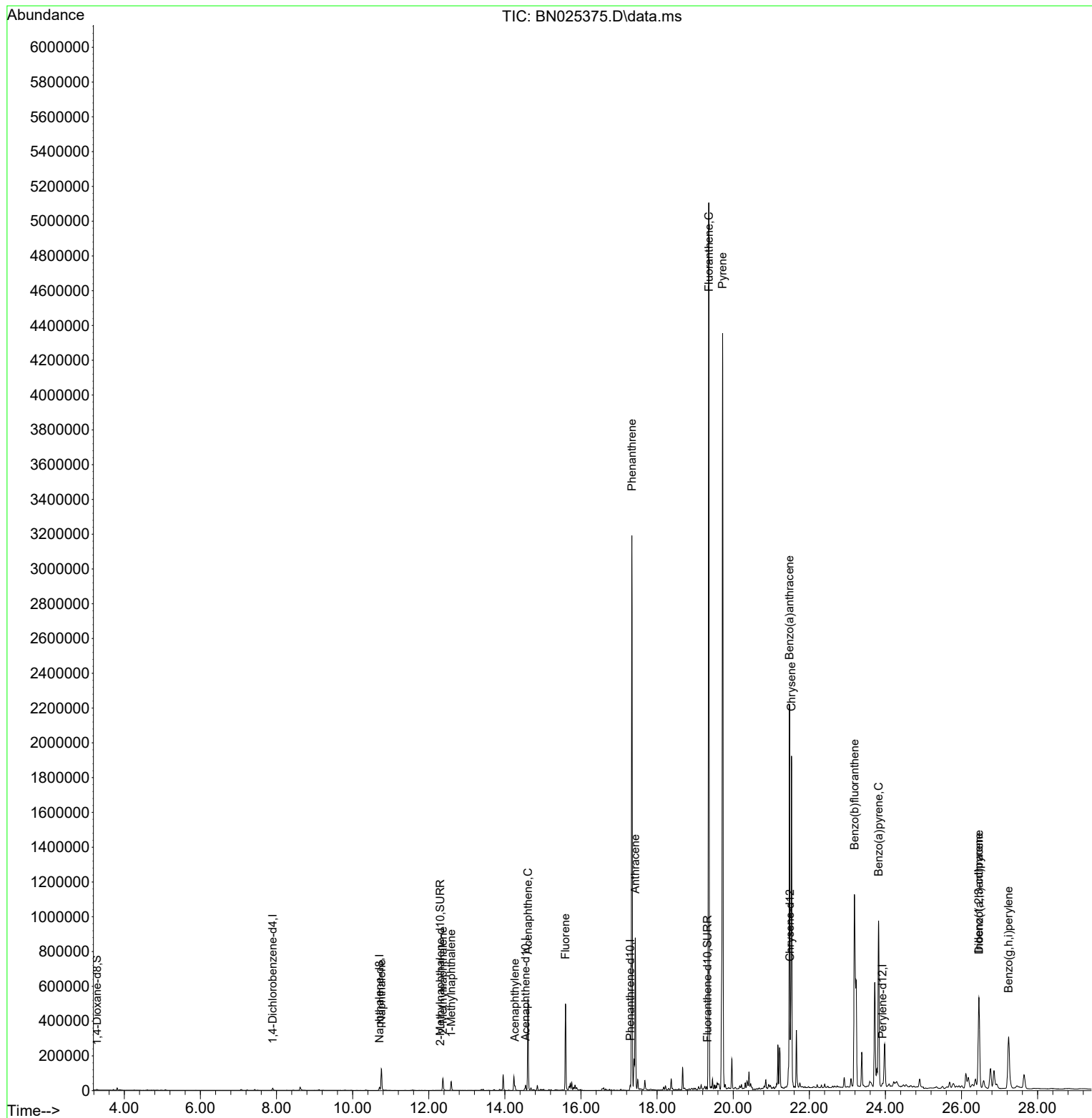
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	7466	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	25197	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	15438	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	34252	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	27049	0.400	ng/ul	# 0.00
23) Perylene-d12	23.923	264	28982	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	2212	0.286	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	819	0.025	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	2116	0.030	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.754	128	178035	2.758	ng/ul	99
7) 2-Methylnaphthalene	12.370	142	52397	1.325	ng/ul	100
8) 1-Methylnaphthalene	12.590	142	35383	0.839	ng/ul	99
10) Acenaphthylene	14.265	152	27869	0.485	ng/ul#	95
11) Acenaphthene	14.607	153	293327	6.051	ng/ul	98
12) Fluorene	15.593	166	311131	5.741	ng/ul	99
15) Phenanthrene	17.338	178	3376327	34.922	ng/ul	100
16) Anthracene	17.427	178	891989	11.278	ng/ul	99
19) Fluoranthene	19.359	202	4407474	45.060	ng/ul	98
20) Pyrene	19.721	202	3832271	38.133	ng/ul	97
21) Benzo(a)anthracene	21.479	228	1850643	22.705	ng/ul	99
22) Chrysene	21.532	228	1845505	20.756	ng/ul	97
24) Benzo(b)fluoranthene	23.186	252	2601158	22.122	ng/ul	95
26) Benzo(a)pyrene	23.821	252	1316793	13.535	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.457	276	774799	6.912	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.460	278	200796	2.293	ng/ul	97
29) Benzo(g,h,i)perylene	27.238	276	609399	6.394	ng/ul	100

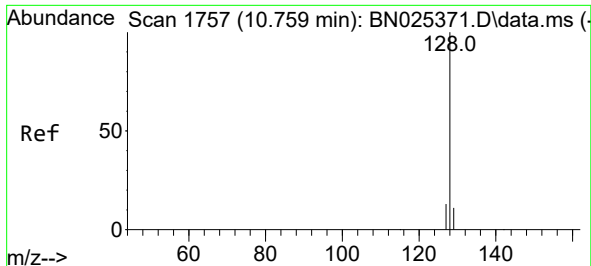
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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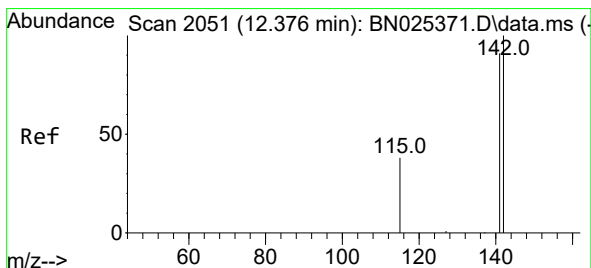
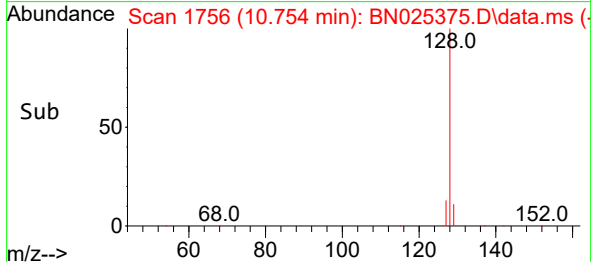
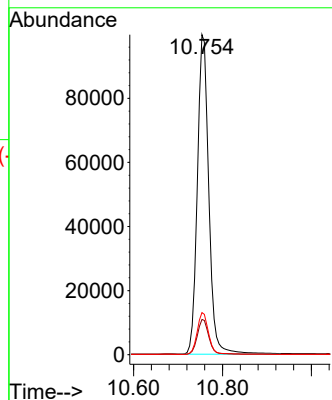
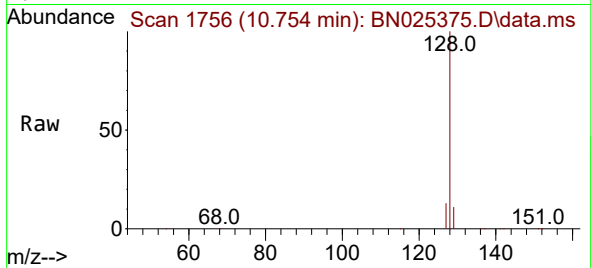




#5
Naphthalene
Concen: 2.758 ng/ul
RT: 10.754 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BN025375.D
Acq: 10 May 2023 11:34

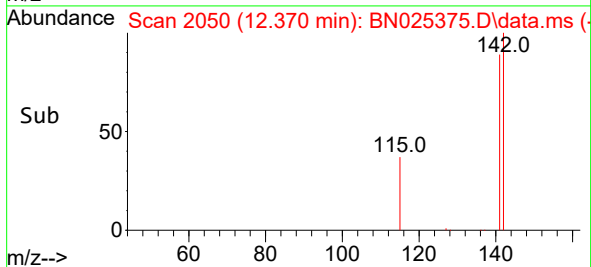
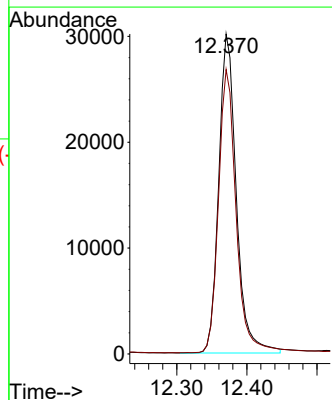
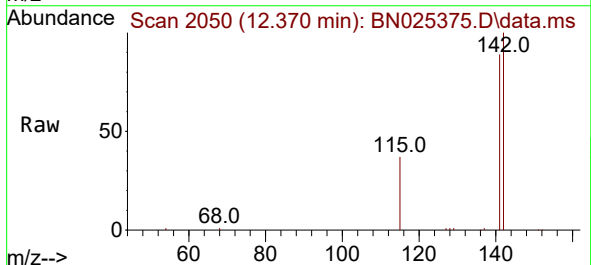
Instrument :
BNA_N
ClientSampleId :
EW948DL

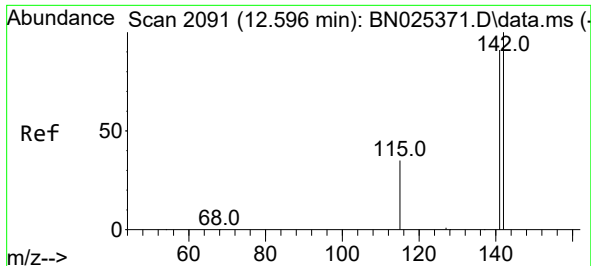
Tgt Ion:128 Resp: 178035
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 10.7 16.1



#7
2-Methylnaphthalene
Concen: 1.325 ng/ul
RT: 12.370 min Scan# 2050
Delta R.T. -0.005 min
Lab File: BN025375.D
Acq: 10 May 2023 11:34

Tgt Ion:142 Resp: 52397
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0

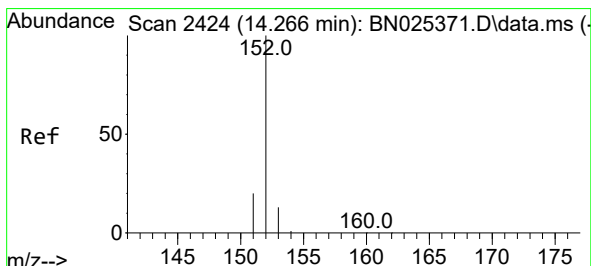
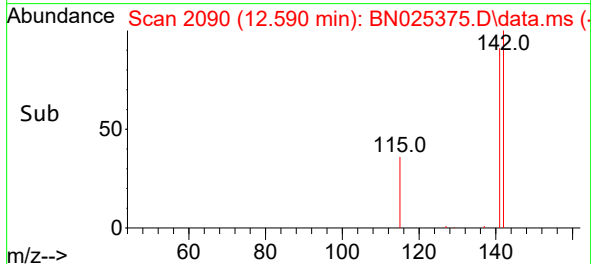
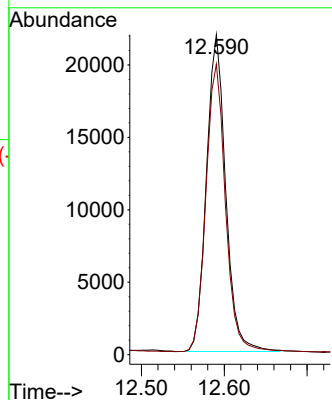
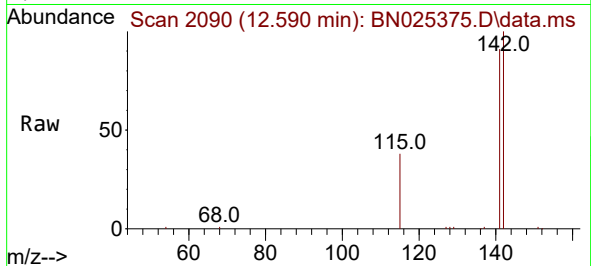




#8
1-Methylnaphthalene
Concen: 0.839 ng/ul
RT: 12.590 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BN025375.D
Acq: 10 May 2023 11:34

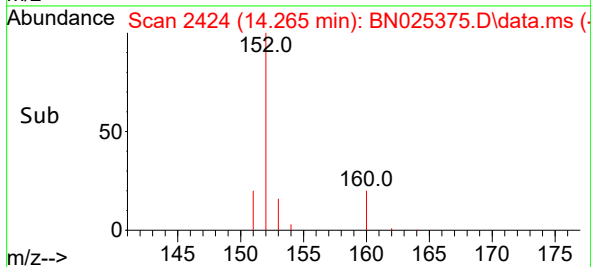
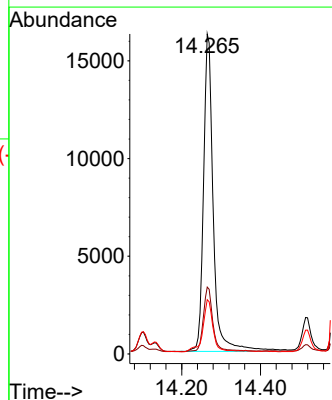
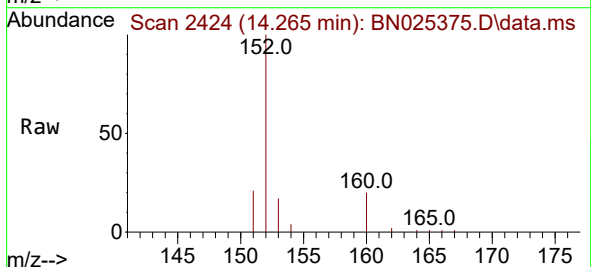
Instrument :
BNA_N
ClientSampleId :
EW948DL

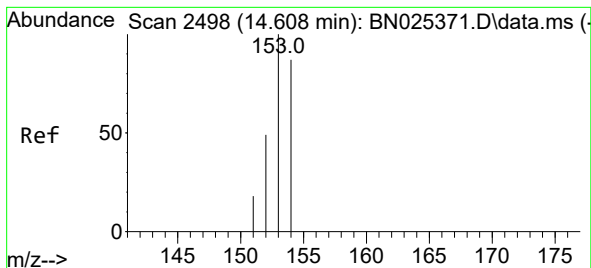
Tgt Ion:142 Resp: 35383
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.6



#10
Acenaphthylene
Concen: 0.485 ng/ul
RT: 14.265 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BN025375.D
Acq: 10 May 2023 11:34

Tgt Ion:152 Resp: 27869
Ion Ratio Lower Upper
152 100
151 20.9 16.0 24.0
153 16.9 10.8 16.2#





#11

Acenaphthene

Concen: 6.051 ng/ul

RT: 14.607 min Scan# 2498

Delta R.T. -0.001 min

Lab File: BN025375.D

Acq: 10 May 2023 11:34

Instrument :

BNA_N

ClientSampleId :

EW948DL

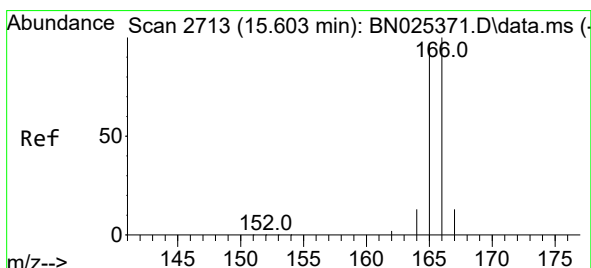
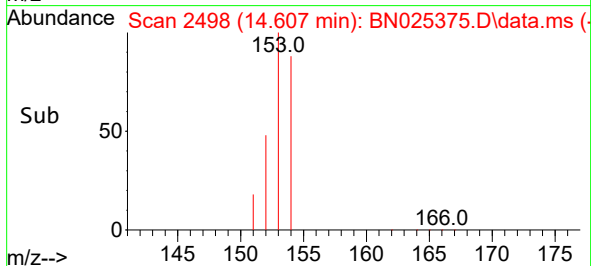
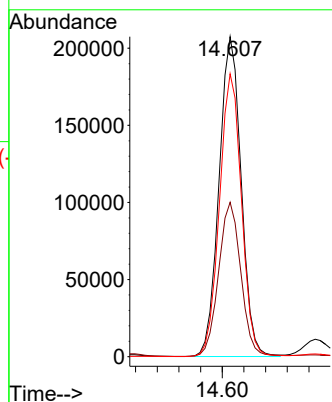
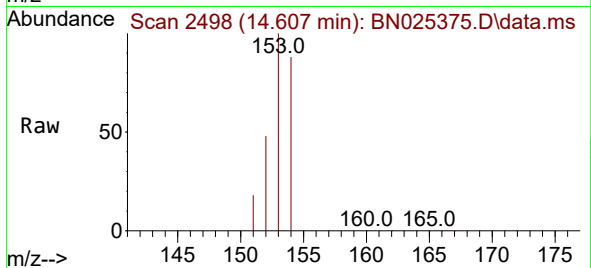
Tgt Ion:153 Resp: 293327

Ion Ratio Lower Upper

153 100

152 48.2 40.2 60.4

154 88.4 69.4 104.2



#12

Fluorene

Concen: 5.741 ng/ul

RT: 15.593 min Scan# 2711

Delta R.T. -0.010 min

Lab File: BN025375.D

Acq: 10 May 2023 11:34

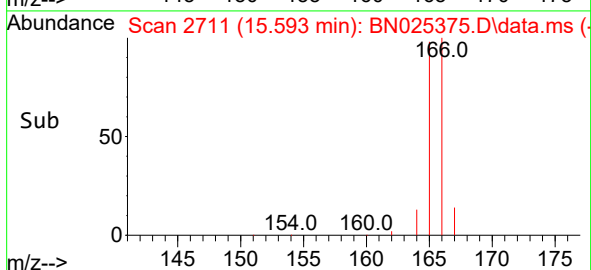
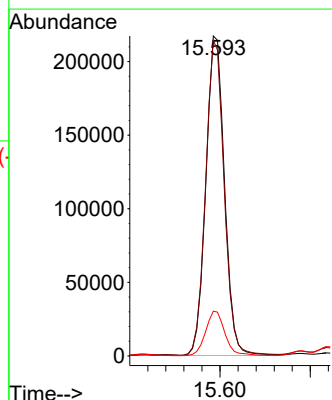
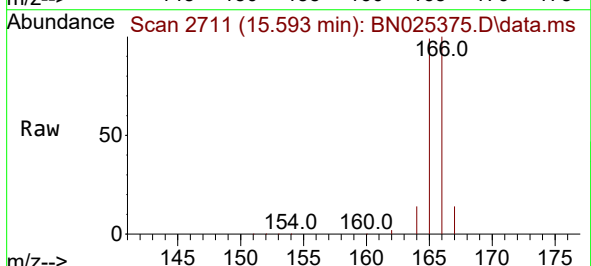
Tgt Ion:166 Resp: 311131

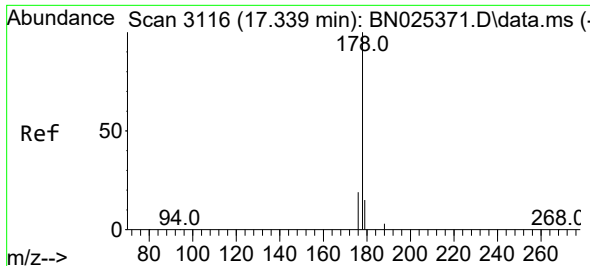
Ion Ratio Lower Upper

166 100

165 98.6 78.1 117.1

167 14.0 11.0 16.6

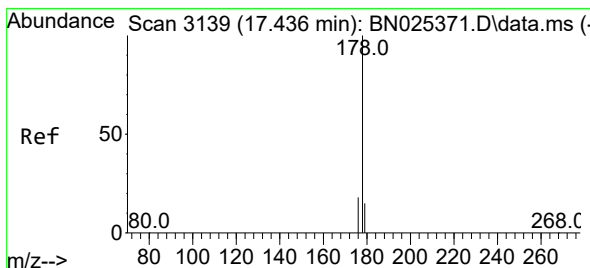
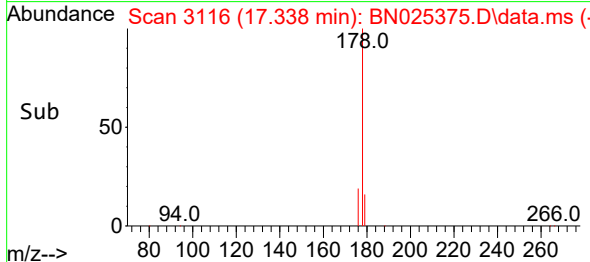
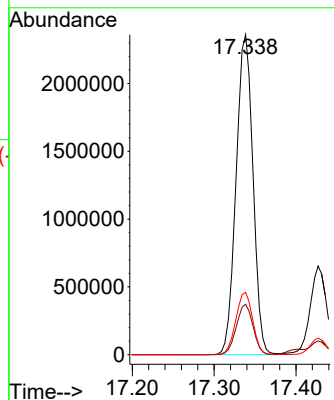
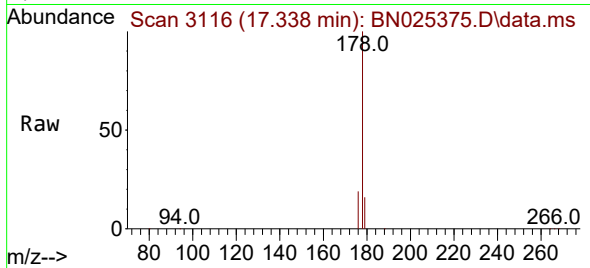




#15
Phenanthrene
Concen: 34.922 ng/ul
RT: 17.338 min Scan# 3116
Delta R.T. -0.001 min
Lab File: BN025375.D
Acq: 10 May 2023 11:34

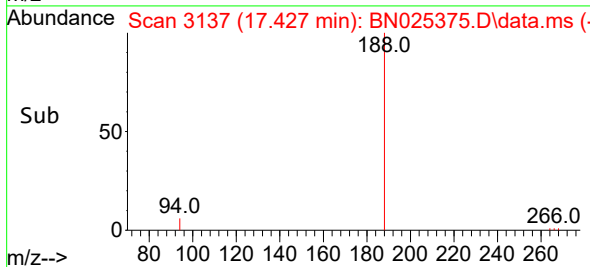
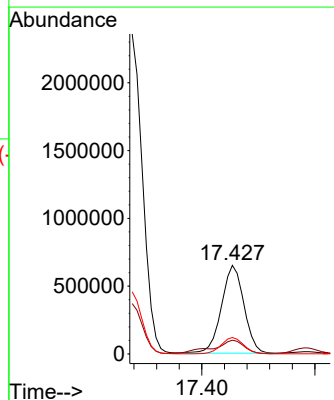
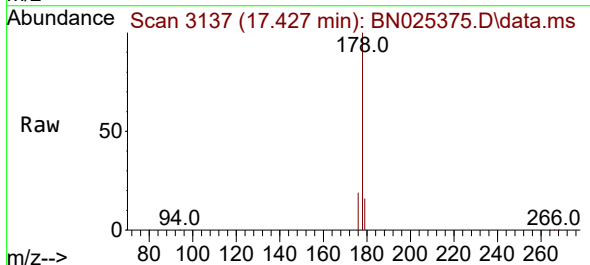
Instrument :
BNA_N
ClientSampleId :
EW948DL

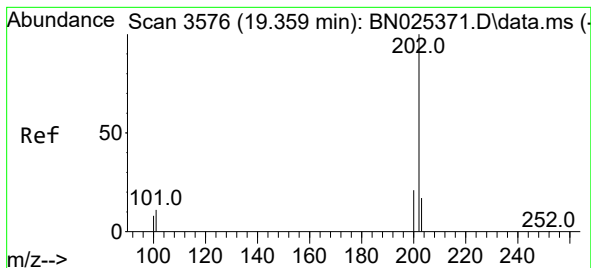
Tgt Ion:178 Resp: 3376327
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.4 15.6 23.4



#16
Anthracene
Concen: 11.278 ng/ul
RT: 17.427 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BN025375.D
Acq: 10 May 2023 11:34

Tgt Ion:178 Resp: 891989
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 18.6 15.3 22.9





#19

Fluoranthene

Concen: 45.060 ng/u1

RT: 19.359 min Scan# 3576

Delta R.T. -0.000 min

Lab File: BN025375.D

Acq: 10 May 2023 11:34

Instrument :

BNA_N

ClientSampleId :

EW948DL

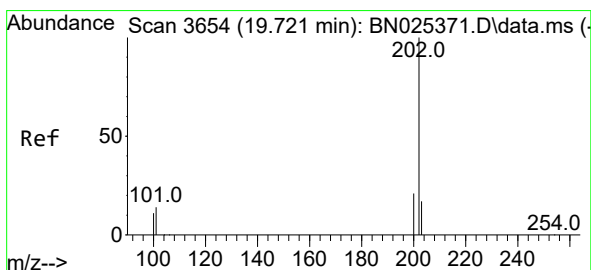
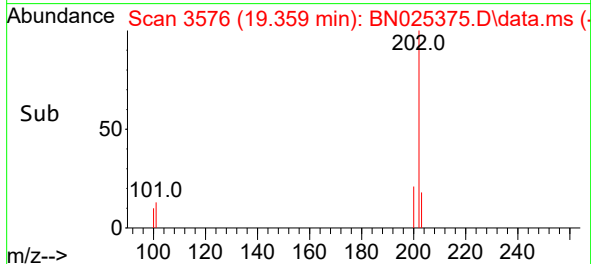
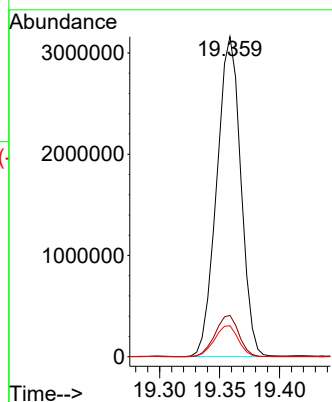
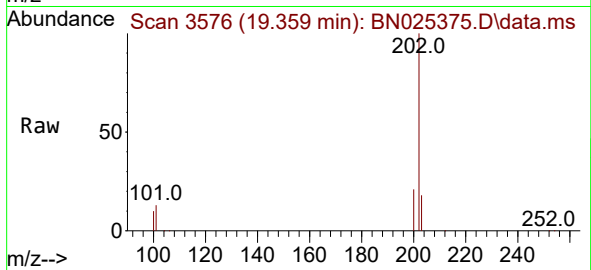
Tgt Ion:202 Resp: 4407474

Ion Ratio Lower Upper

202 100

101 12.9 9.7 14.5

100 9.7 7.3 10.9



#20

Pyrene

Concen: 38.133 ng/u1

RT: 19.721 min Scan# 3654

Delta R.T. -0.000 min

Lab File: BN025375.D

Acq: 10 May 2023 11:34

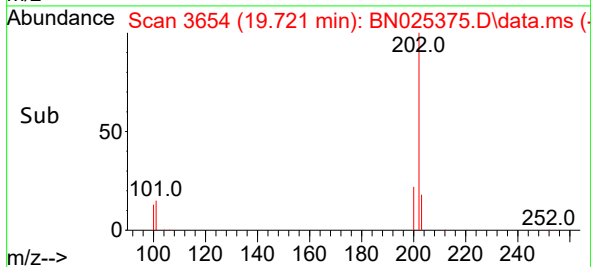
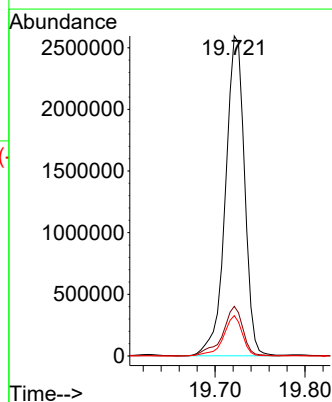
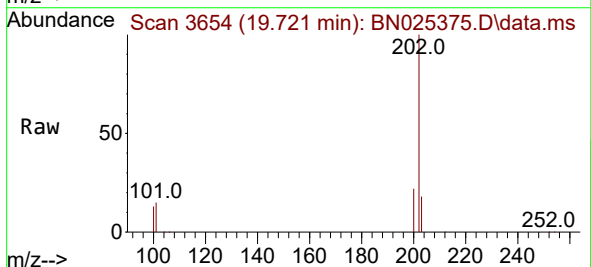
Tgt Ion:202 Resp: 3832271

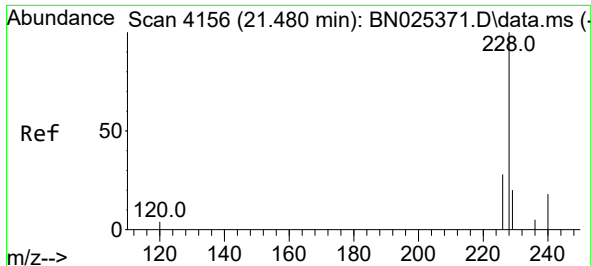
Ion Ratio Lower Upper

202 100

101 15.5 11.3 16.9

100 12.6 9.2 13.8

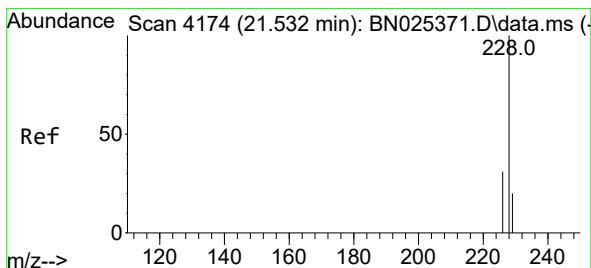
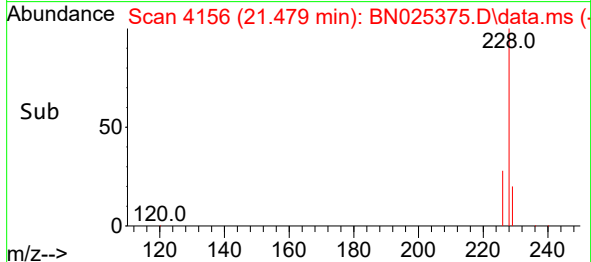
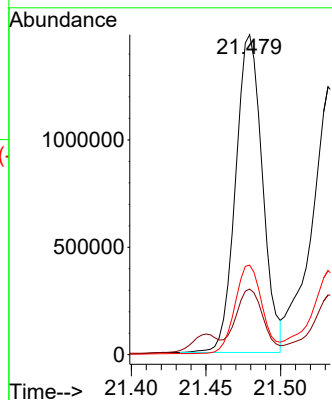
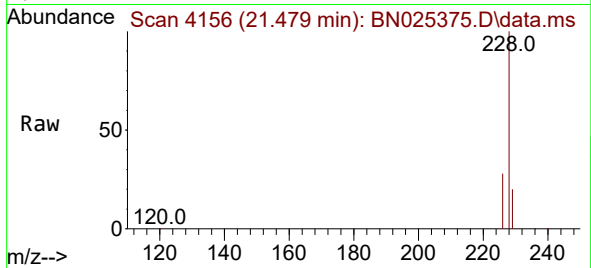




#21
Benzo(a)anthracene
Concen: 22.705 ng/ul
RT: 21.479 min Scan# 4156
Delta R.T. -0.000 min
Lab File: BN025375.D
Acq: 10 May 2023 11:34

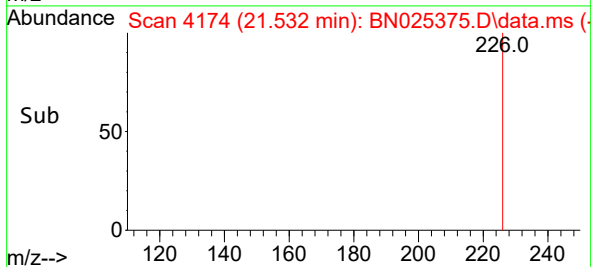
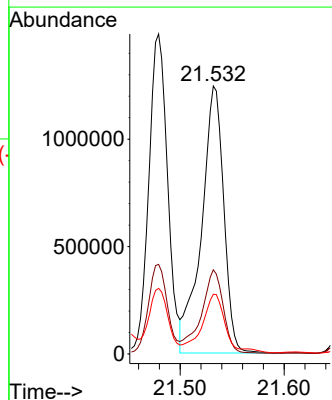
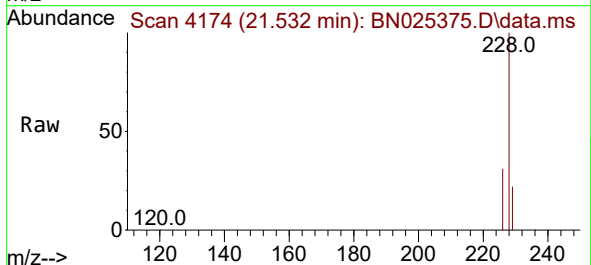
Instrument :
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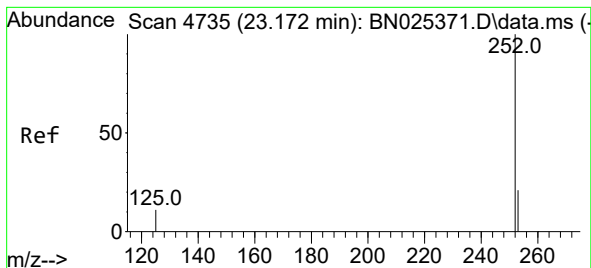
Tgt Ion:228 Resp: 1850643
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 28.0 22.1 33.1



#22
Chrysene
Concen: 20.756 ng/ul
RT: 21.532 min Scan# 4174
Delta R.T. -0.000 min
Lab File: BN025375.D
Acq: 10 May 2023 11:34

Tgt Ion:228 Resp: 1845505
Ion Ratio Lower Upper
228 100
226 31.4 24.5 36.7
229 22.3 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 22.122 ng/ul

RT: 23.186 min Scan# 41

Delta R.T. 0.014 min

Lab File: BN025375.D

Acq: 10 May 2023 11:34

Instrument :

BNA_N

ClientSampleId :

EW948DL

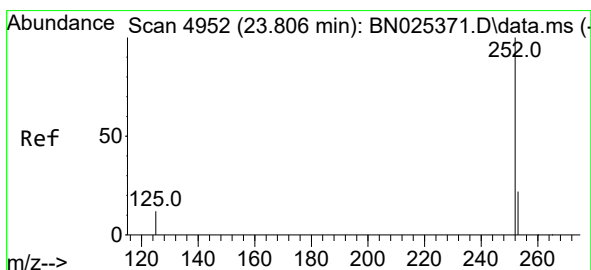
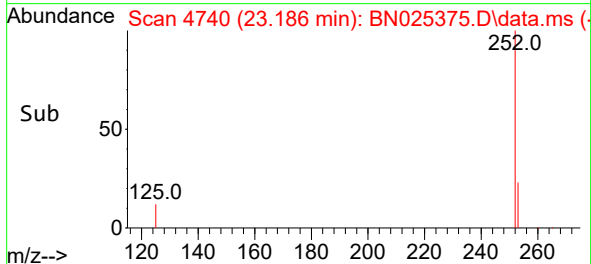
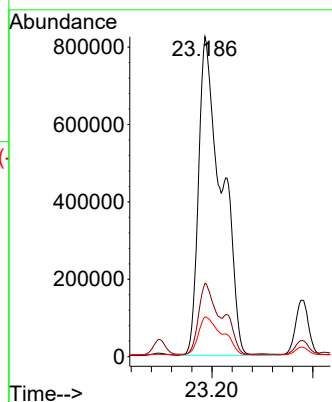
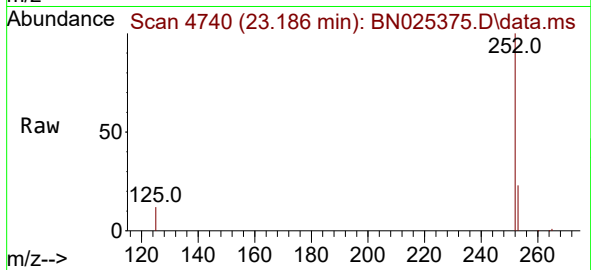
Tgt Ion:252 Resp: 2601158

Ion Ratio Lower Upper

252 100

253 23.0 0.0 50.2

125 12.4 0.0 30.4



#26

Benzo(a)pyrene

Concen: 13.535 ng/ul

RT: 23.821 min Scan# 4957

Delta R.T. 0.014 min

Lab File: BN025375.D

Acq: 10 May 2023 11:34

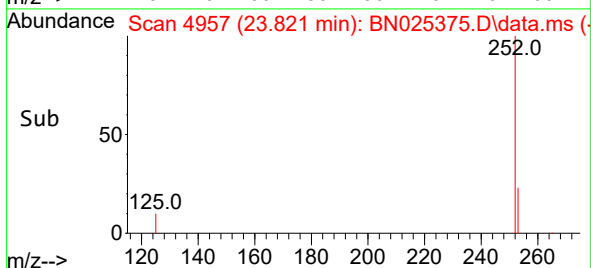
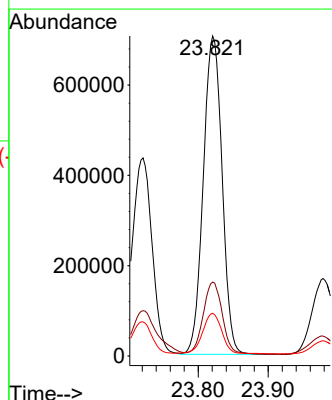
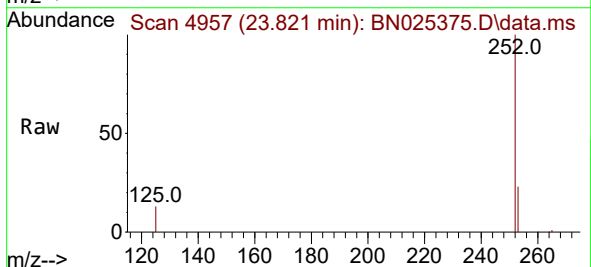
Tgt Ion:252 Resp: 1316793

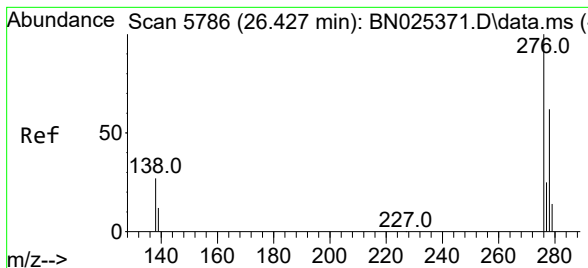
Ion Ratio Lower Upper

252 100

253 23.1 21.4 32.2

125 13.4 14.6 22.0#





#27

Indeno(1,2,3-cd)pyrene

Concen: 6.912 ng/ul

RT: 26.457 min Scan# 5795

Delta R.T. 0.030 min

Lab File: BN025375.D

Acq: 10 May 2023 11:34

Instrument :

BNA_N

ClientSampleId :

EW948DL

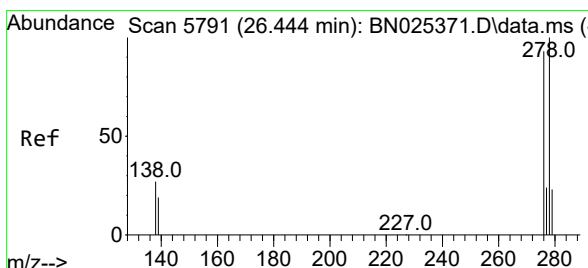
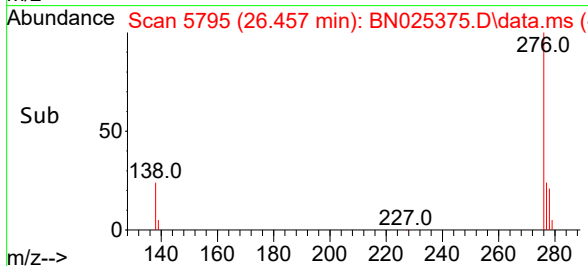
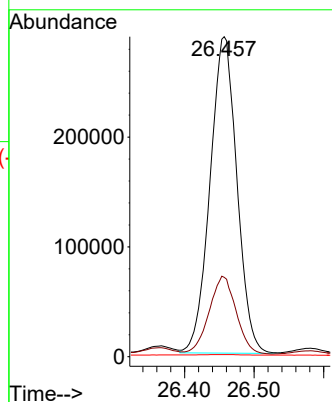
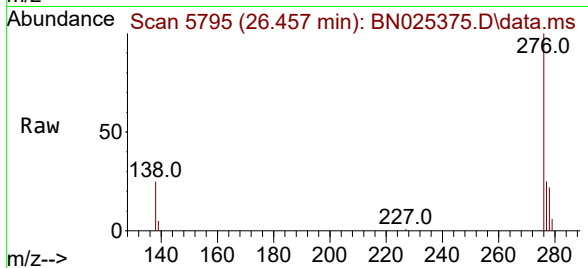
Tgt Ion:276 Resp: 774799

Ion Ratio Lower Upper

276 100

138 24.6 21.9 32.9

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 2.293 ng/ul

RT: 26.460 min Scan# 5796

Delta R.T. 0.017 min

Lab File: BN025375.D

Acq: 10 May 2023 11:34

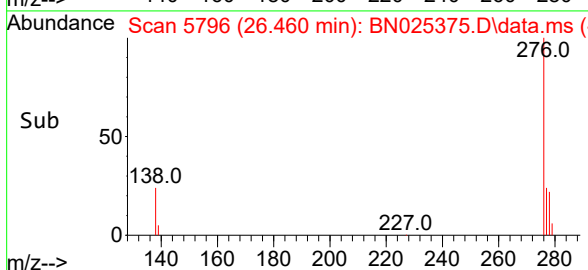
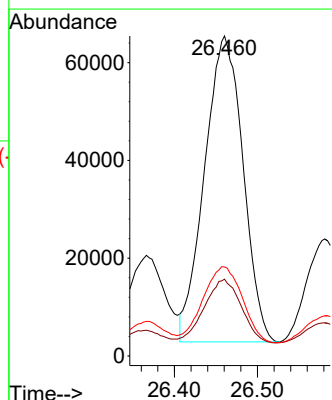
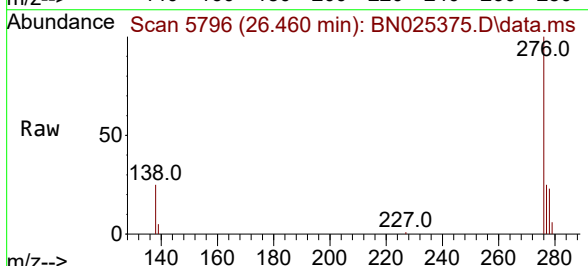
Tgt Ion:278 Resp: 200796

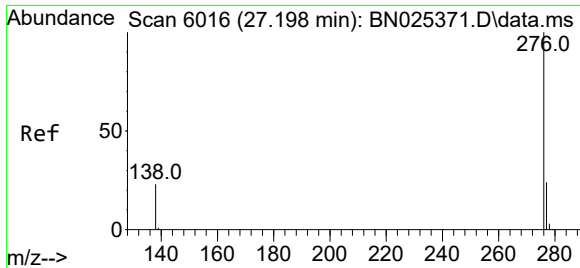
Ion Ratio Lower Upper

278 100

139 24.0 17.0 25.6

279 27.8 21.8 32.8





#29
 Benzo(g,h,i)perylene
 Concen: 6.394 ng/ul
 RT: 27.238 min Scan# 60
 Delta R.T. 0.040 min
 Lab File: BN025375.D
 Acq: 10 May 2023 11:34

Instrument :
 BNA_N
 ClientSampleId :
 EW948DL

Tgt Ion:	276	Resp:	609399
Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.3	30.5
277	24.3	19.8	29.6

