

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025374.D
 Acq On : 10 May 2023 10:58
 Operator : CG/JU
 Sample : 02479-06DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW947DL

Quant Time: May 11 01:10:32 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)

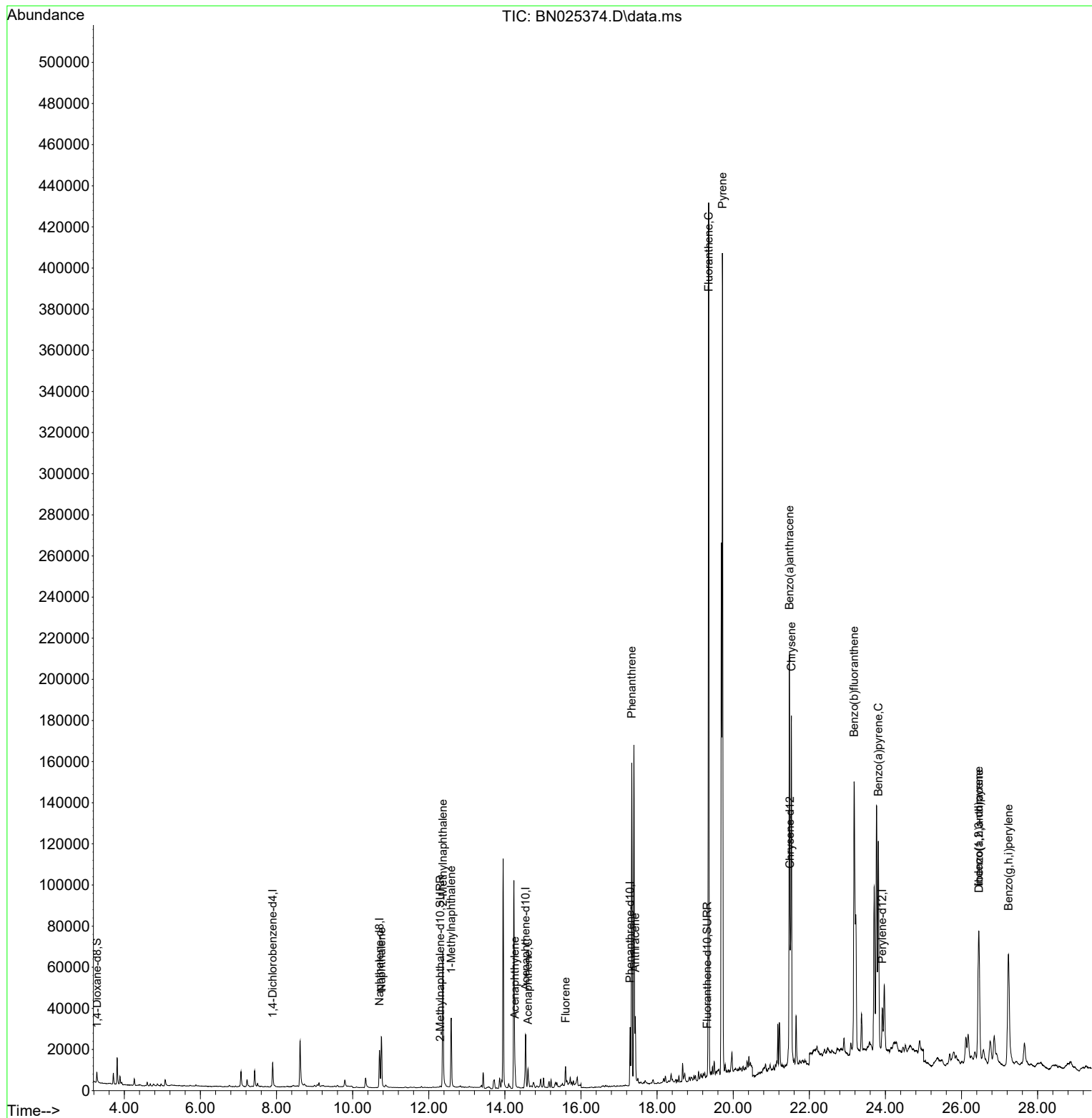
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	6997	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	25718	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	14403	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	32337	0.400	ng/ul	0.00
17) Chrysene-d12	21.491	240	28498	0.400	ng/ul	# 0.00
23) Perylene-d12	23.917	264	25172	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3158	0.436	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	1084	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	2824	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.754	128	36089	0.548	ng/ul	99
7) 2-Methylnaphthalene	12.371	142	51042	1.265	ng/ul	100
8) 1-Methylnaphthalene	12.590	142	24104	0.560	ng/ul	100
10) Acenaphthylene	14.265	152	9430	0.176	ng/ul#	89
11) Acenaphthene	14.607	153	5872	0.130	ng/ul	99
12) Fluorene	15.597	166	6458	0.128	ng/ul#	95
15) Phenanthrene	17.334	178	165544	1.814	ng/ul	99
16) Anthracene	17.427	178	31621	0.423	ng/ul	98
19) Fluoranthene	19.354	202	364413	3.536	ng/ul	100
20) Pyrene	19.717	202	328885	3.106	ng/ul	99
21) Benzo(a)anthracene	21.476	228	167121	1.946	ng/ul	96
22) Chrysene	21.529	228	169225	1.806	ng/ul#	95
24) Benzo(b)fluoranthene	23.177	252	291327	2.853	ng/ul	99
26) Benzo(a)pyrene	23.815	252	143600	1.699	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.454	276	110086	1.131	ng/ul	93
28) Dibenzo(a,h)anthracene	26.460	278	28433	0.374	ng/ul#	61
29) Benzo(g,h,i)perylene	27.235	276	119700	1.446	ng/ul	94

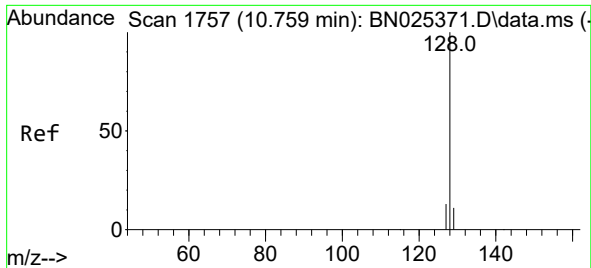
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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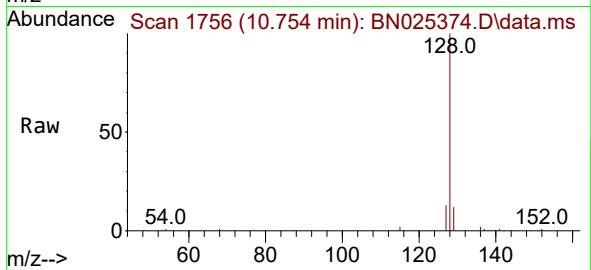
Quant Time: May 11 01:10:32 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 12:11:16 2023
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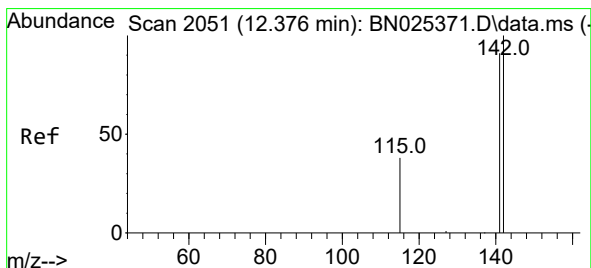
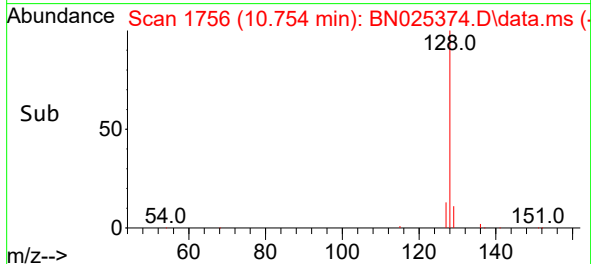
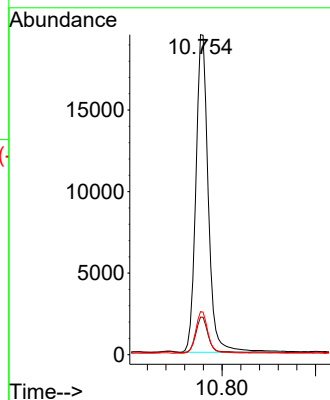


#5
Naphthalene
Concen: 0.548 ng/ul
RT: 10.754 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

Instrument :
BNA_N
ClientSampleId :
EW947DL

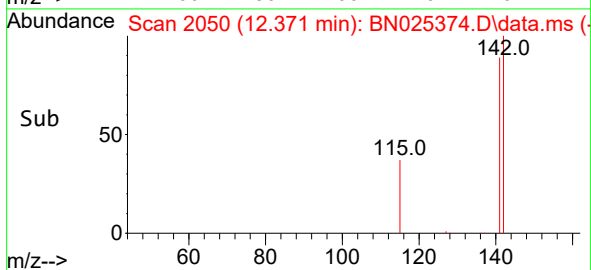
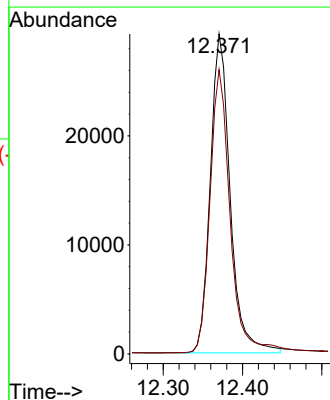
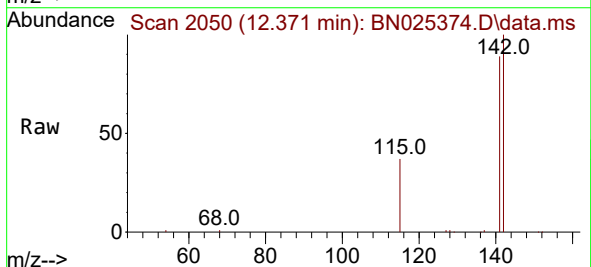


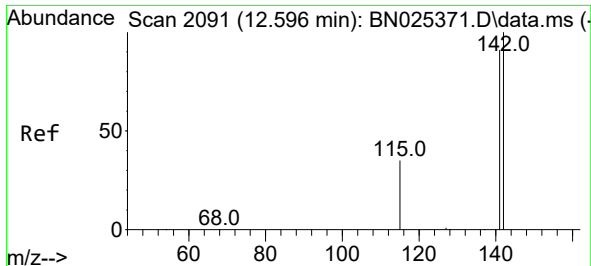
Tgt Ion:128 Resp: 36089
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.5 10.7 16.1



#7
2-Methylnaphthalene
Concen: 1.265 ng/ul
RT: 12.371 min Scan# 2050
Delta R.T. -0.005 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

Tgt Ion:142 Resp: 51042
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0

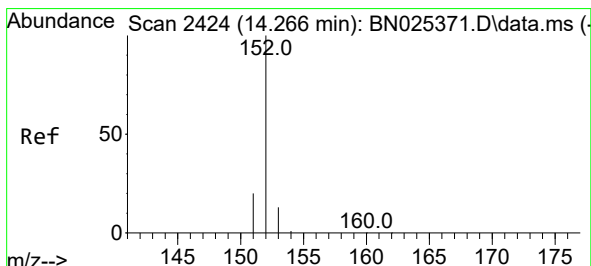
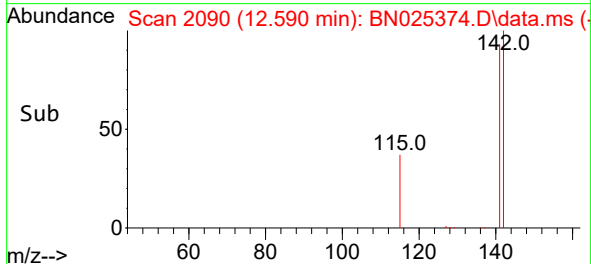
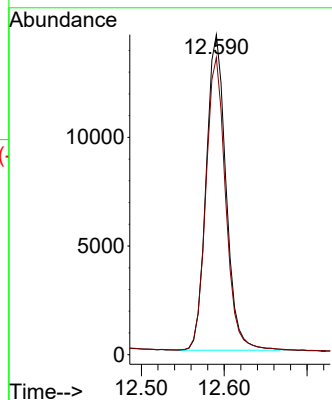
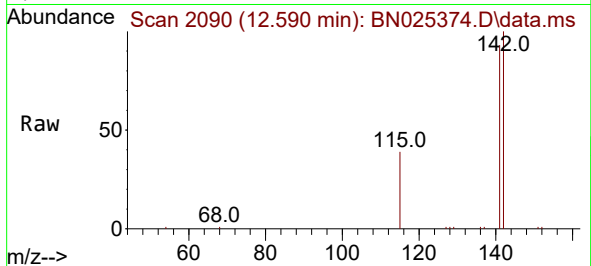




#8
1-Methylnaphthalene
Concen: 0.560 ng/ul
RT: 12.590 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

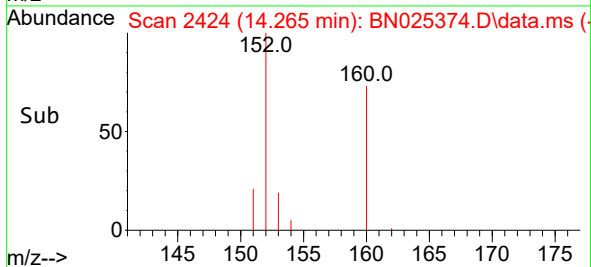
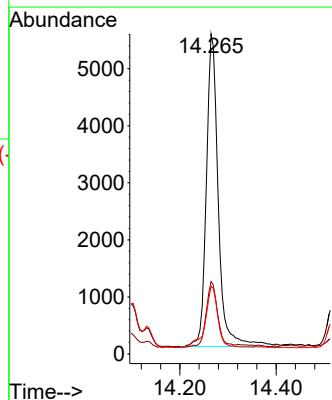
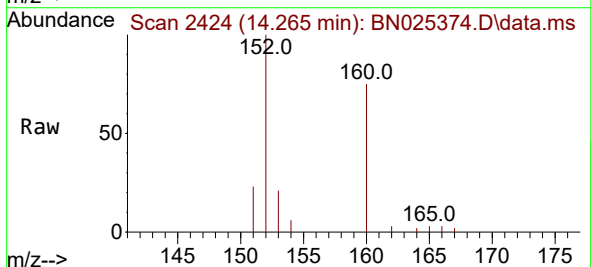
Instrument :
BNA_N
ClientSampleId :
EW947DL

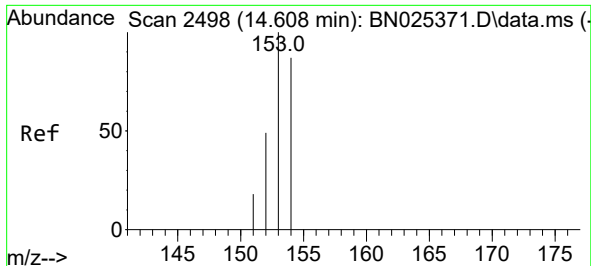
Tgt Ion:142 Resp: 24104
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6



#10
Acenaphthylene
Concen: 0.176 ng/ul
RT: 14.265 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

Tgt Ion:152 Resp: 9430
Ion Ratio Lower Upper
152 100
151 22.6 16.0 24.0
153 21.1 10.8 16.2#

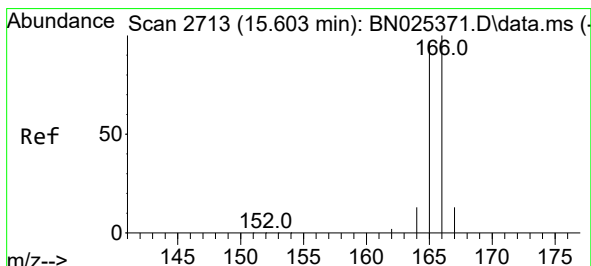
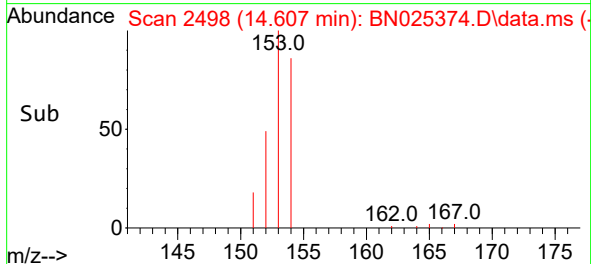
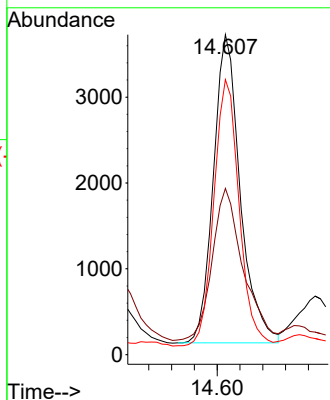
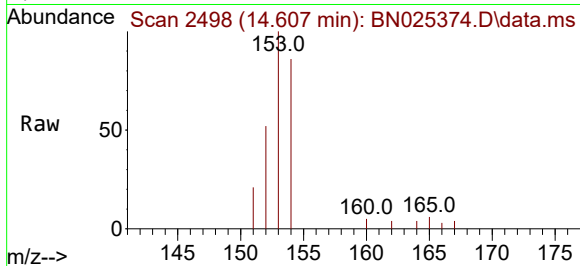




#11
Acenaphthene
Concen: 0.130 ng/ul
RT: 14.607 min Scan# 2498
Delta R.T. -0.001 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

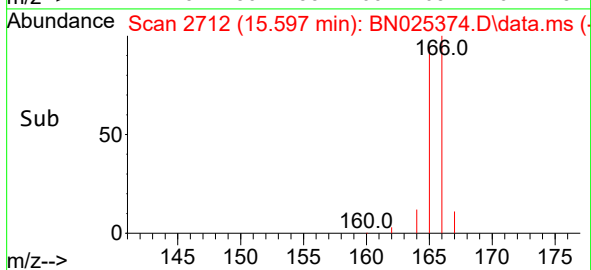
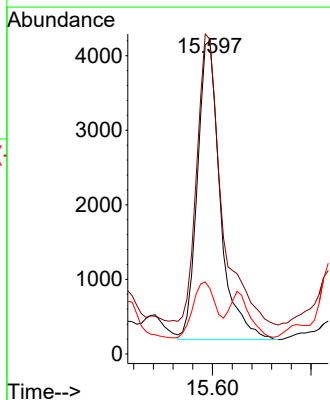
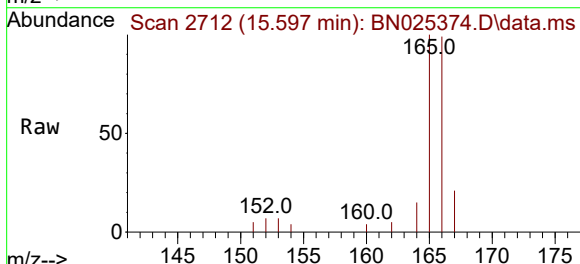
Instrument :
BNA_N
ClientSampleId :
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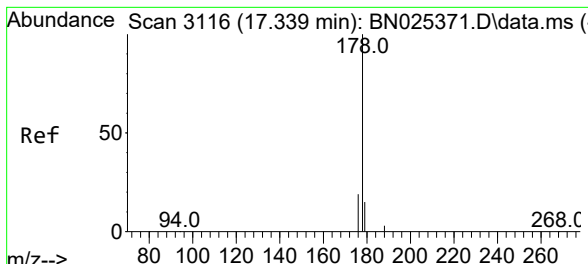
Tgt Ion:153 Resp: 5872
Ion Ratio Lower Upper
153 100
152 51.9 40.2 60.4
154 86.0 69.4 104.2



#12
Fluorene
Concen: 0.128 ng/ul
RT: 15.597 min Scan# 2712
Delta R.T. -0.005 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

Tgt Ion:166 Resp: 6458
Ion Ratio Lower Upper
166 100
165 100.6 78.1 117.1
167 20.9 11.0 16.6#



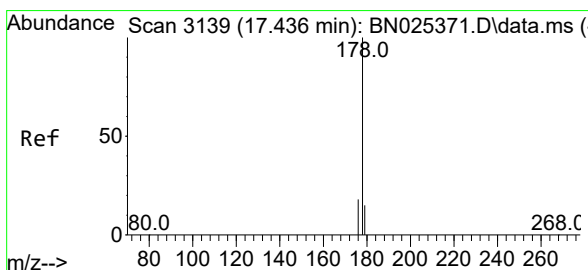
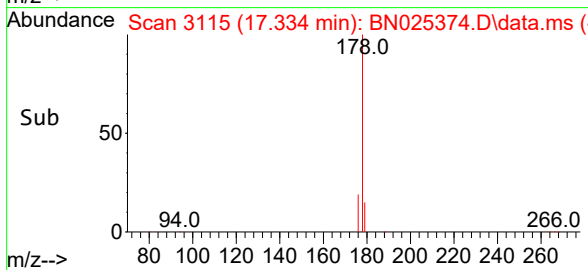
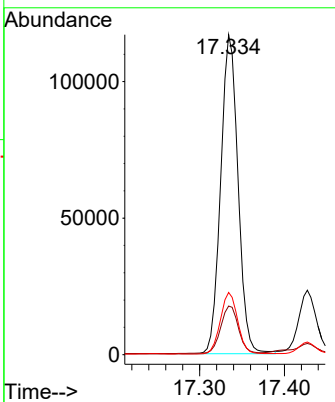
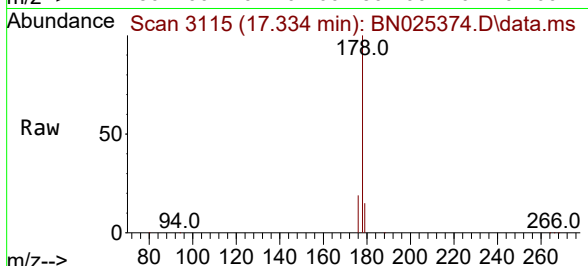


#15
 Phenanthrene
 Concen: 1.814 ng/ul
 RT: 17.334 min Scan# 3115
 Delta R.T. -0.005 min
 Lab File: BN025374.D
 Acq: 10 May 2023 10:58

Instrument :
 BNA_N
 ClientSampleId :
 EW947DL

Tgt Ion:178 Resp: 165544

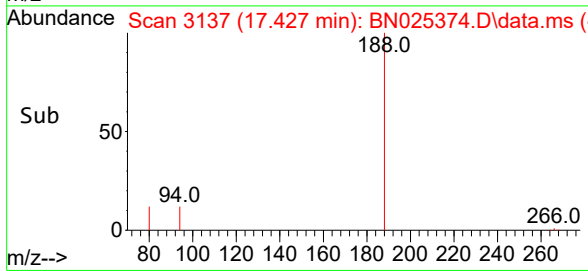
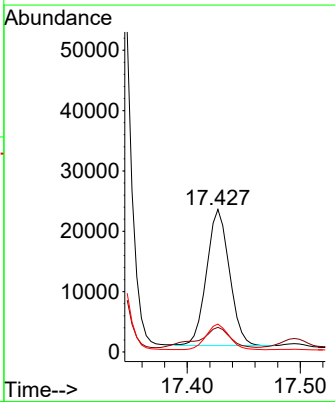
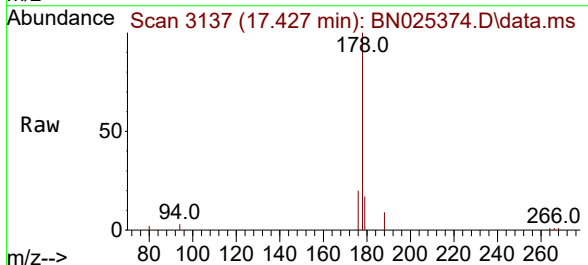
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.5	18.7
176	19.4	15.6	23.4

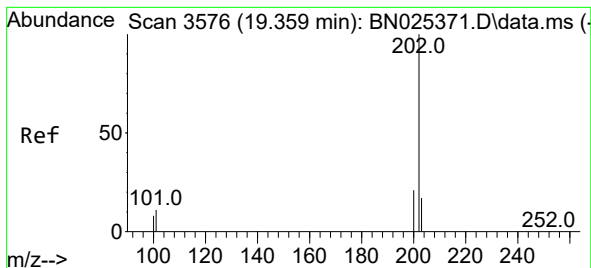


#16
 Anthracene
 Concen: 0.423 ng/ul
 RT: 17.427 min Scan# 3137
 Delta R.T. -0.009 min
 Lab File: BN025374.D
 Acq: 10 May 2023 10:58

Tgt Ion:178 Resp: 31621

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.7	19.1
176	19.5	15.3	22.9





#19

Fluoranthene

Concen: 3.536 ng/ul

RT: 19.354 min Scan# 3575

Delta R.T. -0.005 min

Lab File: BN025374.D

Acq: 10 May 2023 10:58

Instrument :

BNA_N

ClientSampleId :

EW947DL

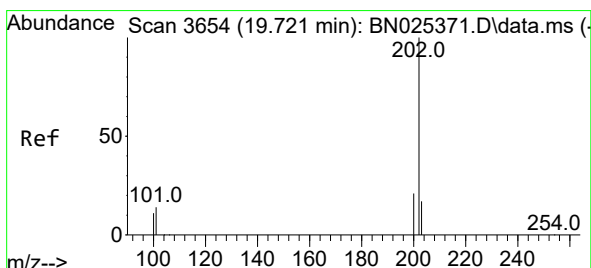
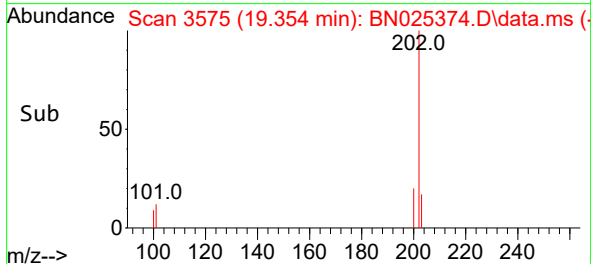
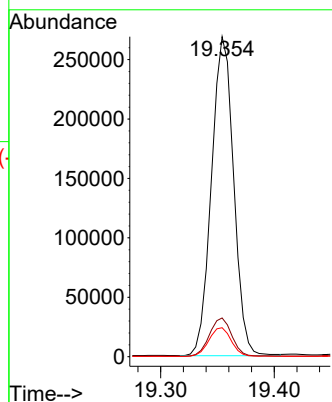
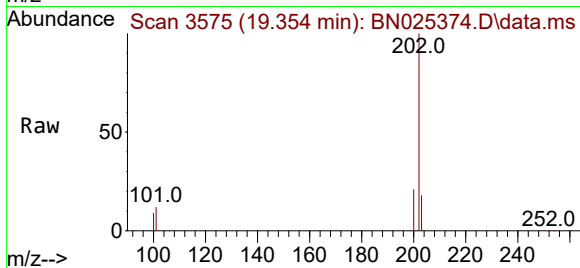
Tgt Ion:202 Resp: 364413

Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

100 9.0 7.3 10.9



#20

Pyrene

Concen: 3.106 ng/ul

RT: 19.717 min Scan# 3653

Delta R.T. -0.005 min

Lab File: BN025374.D

Acq: 10 May 2023 10:58

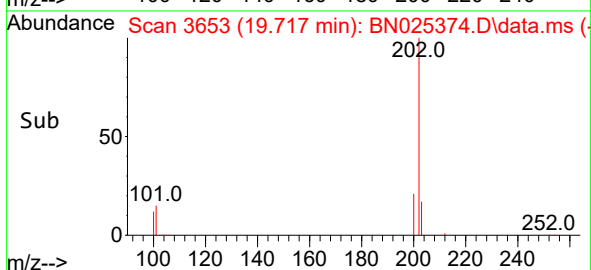
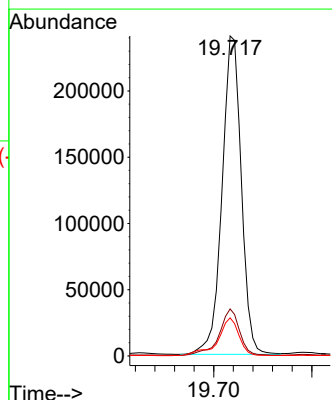
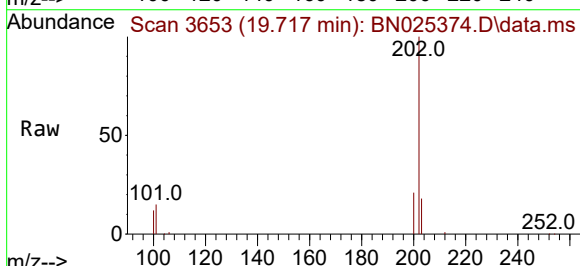
Tgt Ion:202 Resp: 328885

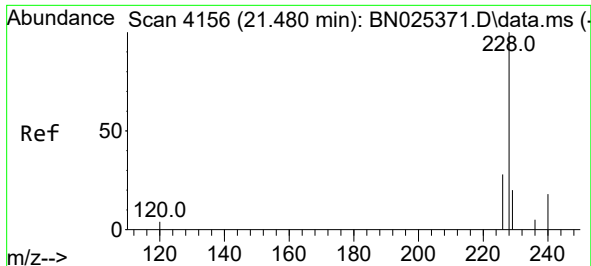
Ion Ratio Lower Upper

202 100

101 14.7 11.3 16.9

100 11.9 9.2 13.8

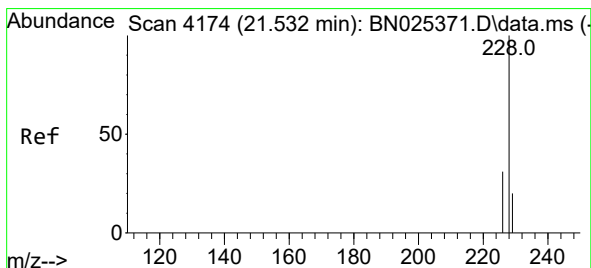
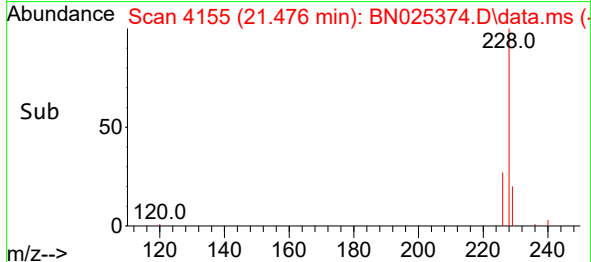
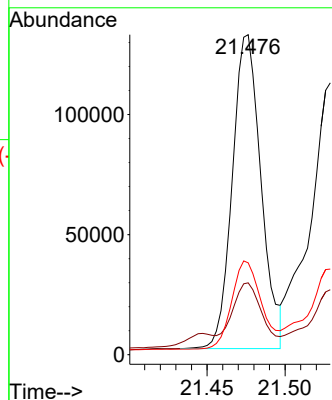
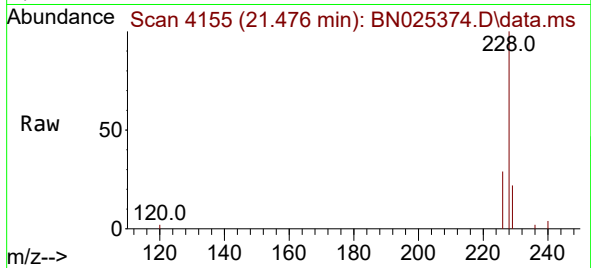




#21
Benzo(a)anthracene
Concen: 1.946 ng/ul
RT: 21.476 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

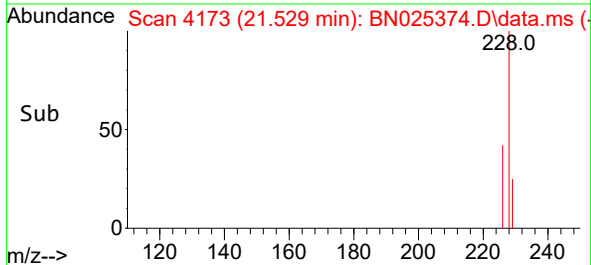
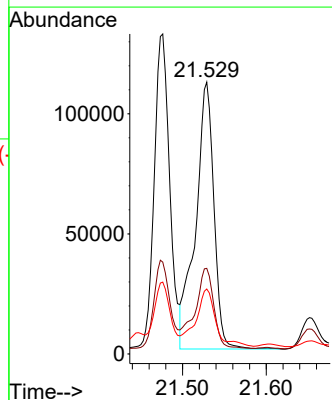
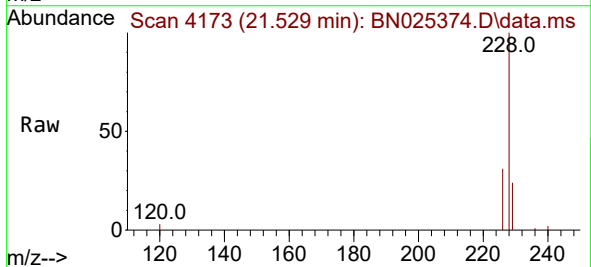
Instrument :
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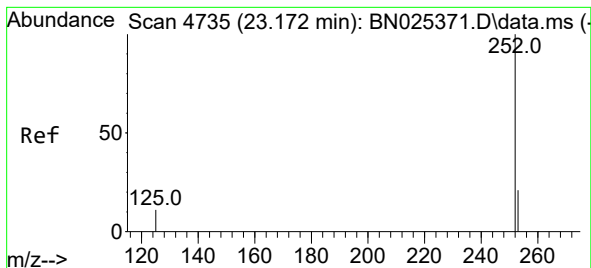
Tgt Ion:228 Resp: 167121
Ion Ratio Lower Upper
228 100
229 22.4 15.6 23.4
226 28.7 22.1 33.1



#22
Chrysene
Concen: 1.806 ng/ul
RT: 21.529 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

Tgt Ion:228 Resp: 169225
Ion Ratio Lower Upper
228 100
226 31.5 24.5 36.7
229 23.9 15.8 23.6#





#24

Benzo(b)fluoranthene

Concen: 2.853 ng/ul

RT: 23.177 min Scan# 41

Delta R.T. 0.006 min

Lab File: BN025374.D

Acq: 10 May 2023 10:58

Instrument :

BNA_N

ClientSampleId :

EW947DL

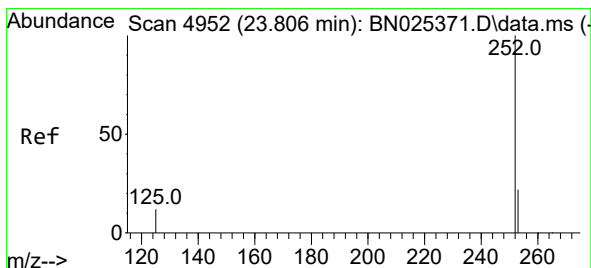
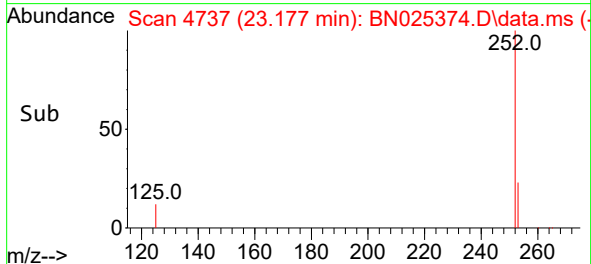
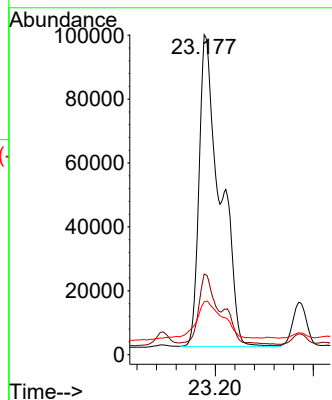
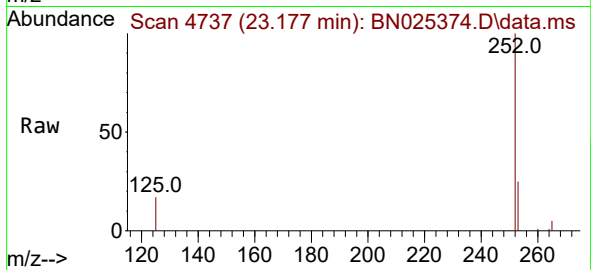
Tgt Ion:252 Resp: 291327

Ion Ratio Lower Upper

252 100

253 25.2 0.0 50.2

125 16.6 0.0 30.4



#26

Benzo(a)pyrene

Concen: 1.699 ng/ul

RT: 23.815 min Scan# 4955

Delta R.T. 0.009 min

Lab File: BN025374.D

Acq: 10 May 2023 10:58

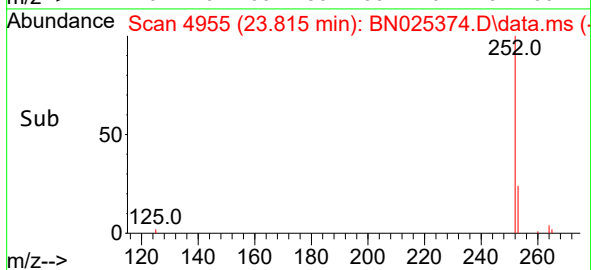
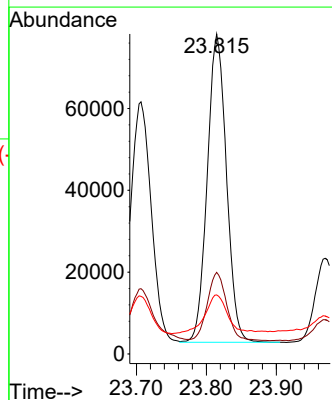
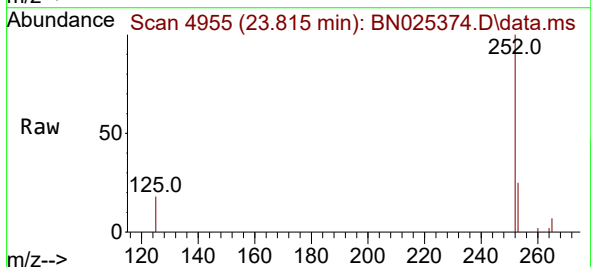
Tgt Ion:252 Resp: 143600

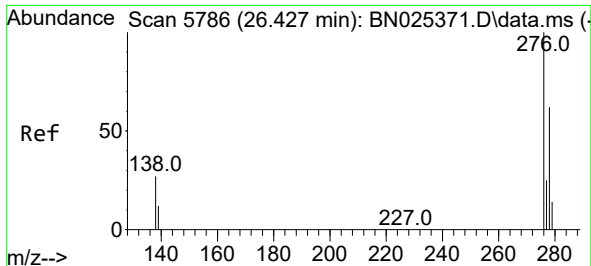
Ion Ratio Lower Upper

252 100

253 25.5 21.4 32.2

125 18.5 14.6 22.0





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.131 ng/ul

RT: 26.454 min Scan# 5794

Delta R.T. 0.027 min

Lab File: BN025374.D

Acq: 10 May 2023 10:58

Instrument :

BNA_N

ClientSampleId :

EW947DL

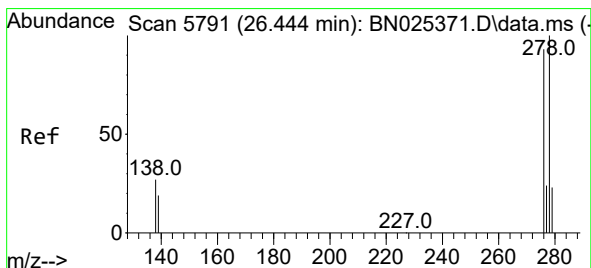
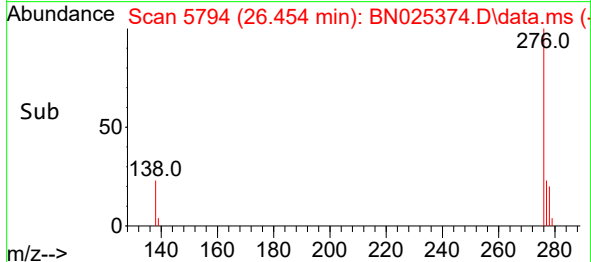
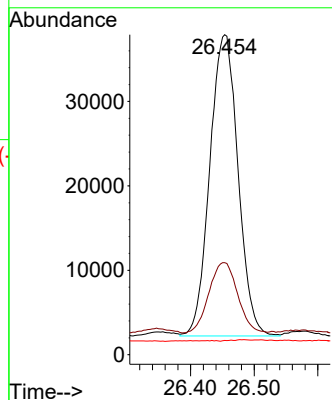
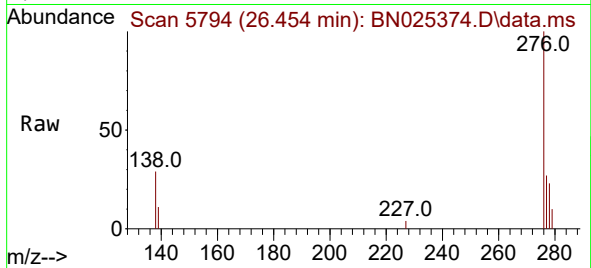
Tgt Ion:276 Resp: 110086

Ion Ratio Lower Upper

276 100

138 23.6 21.9 32.9

227 0.1 0.1 0.1



#28

Dibenzo(a,h)anthracene

Concen: 0.374 ng/ul

RT: 26.460 min Scan# 5796

Delta R.T. 0.017 min

Lab File: BN025374.D

Acq: 10 May 2023 10:58

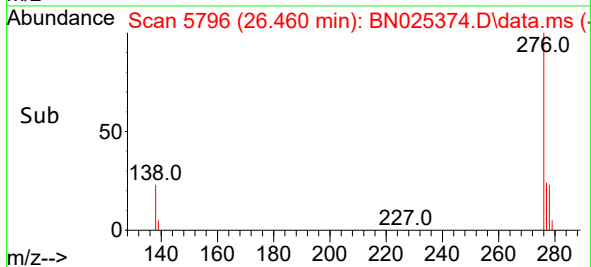
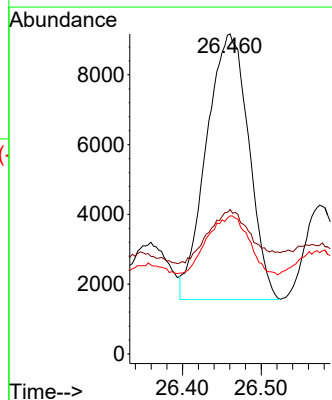
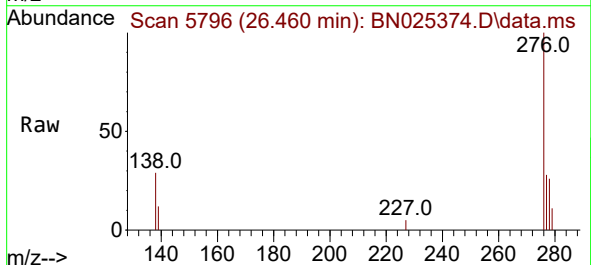
Tgt Ion:278 Resp: 28433

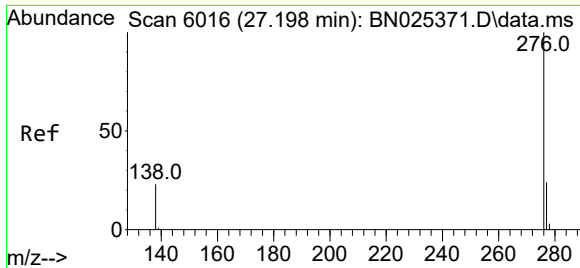
Ion Ratio Lower Upper

278 100

139 45.1 17.0 25.6#

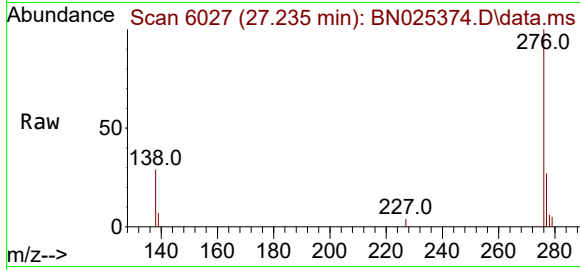
279 43.2 21.8 32.8#





#29
Benzo(g,h,i)perylene
Concen: 1.446 ng/ul
RT: 27.235 min Scan# 60
Delta R.T. 0.037 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

Instrument :
BNA_N
ClientSampleId :
EW947DL



Tgt Ion:276 Resp: 119700
Ion Ratio Lower Upper
276 100
138 29.1 20.3 30.5
277 27.3 19.8 29.6

