

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025806.D
 Acq On : 13 Jun 2023 14:55
 Operator : MA/JU
 Sample : 02950-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 13 23:17:04 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

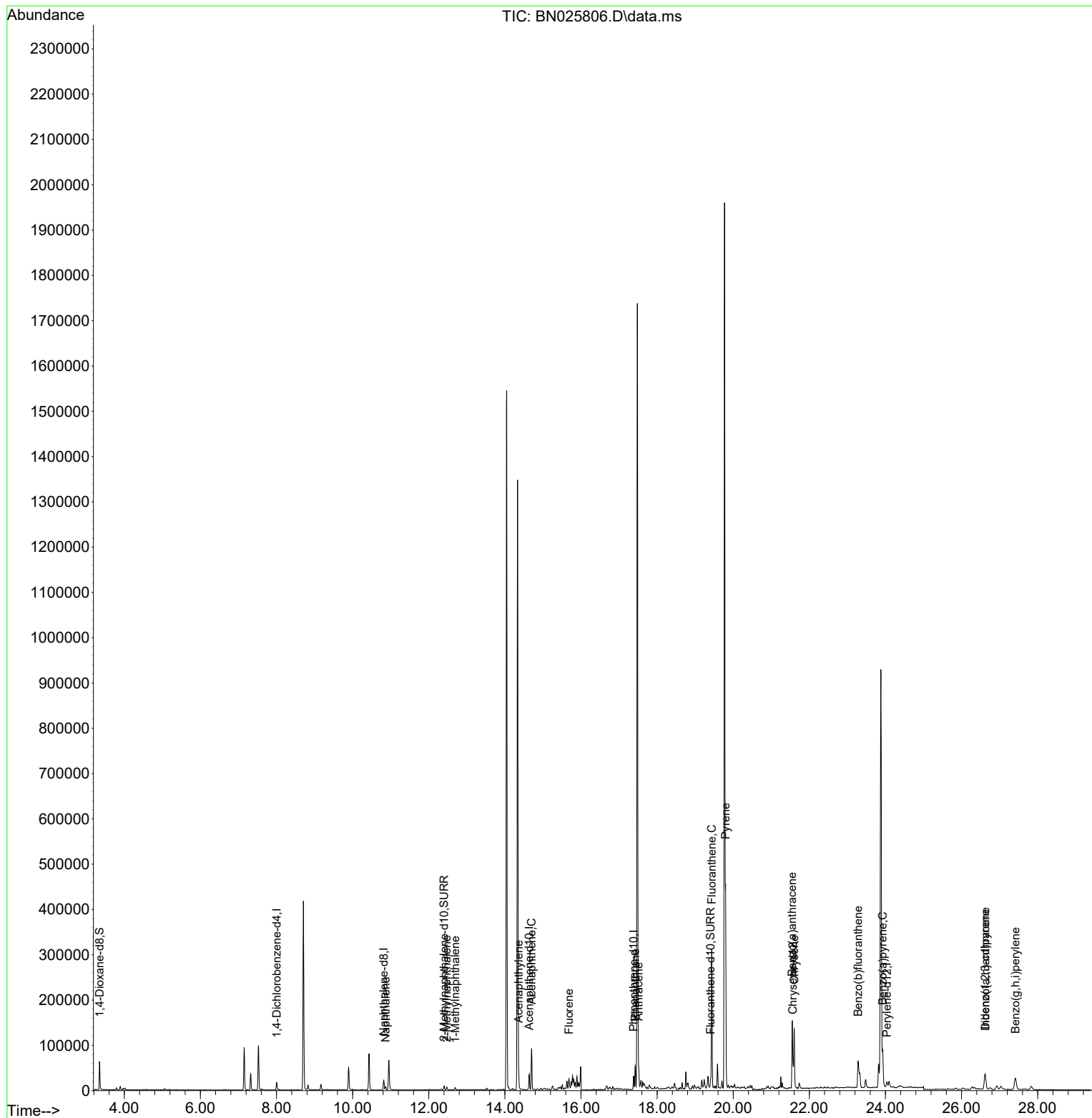
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	9402	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	29006	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	17409	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	33756	0.400	ng/ul	0.00
17) Chrysene-d12	21.566	240	16893	0.400	ng/ul	0.00
23) Perylene-d12	24.039	264	17014	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	39341	4.256	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.402	152	11081	0.301	ng/ul	0.00
18) Fluoranthene-d10	19.404	212	22924	0.430	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.868	128	10736	0.146	ng/ul	98
7) 2-Methylnaphthalene	12.474	142	4824	0.109	ng/ul	100
8) 1-Methylnaphthalene	12.694	142	3641	0.075	ng/ul	97
10) Acenaphthylene	14.361	152	30932	0.449	ng/ul#	93
11) Acenaphthene	14.699	153	53744	0.936	ng/ul	99
12) Fluorene	15.685	166	15362	0.240	ng/ul#	95
15) Phenanthrene	17.422	178	55588	0.565	ng/ul	98
16) Anthracene	17.515	178	43096	0.518	ng/ul	98
19) Fluoranthene	19.437	202	254675	3.296	ng/ul	99
20) Pyrene	19.799	202	366232	4.579	ng/ul	99
21) Benzo(a)anthracene	21.548	228	126819	2.354	ng/ul	94
22) Chrysene	21.604	228	137853	2.238	ng/ul	97
24) Benzo(b)fluoranthene	23.282	252	145611	2.092	ng/ul	95
26) Benzo(a)pyrene	23.928	252	114091	1.934	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.620	276	57960	0.862	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.627	278	16583	0.326	ng/ul	95
29) Benzo(g,h,i)perylene	27.415	276	62702	1.039	ng/ul	99

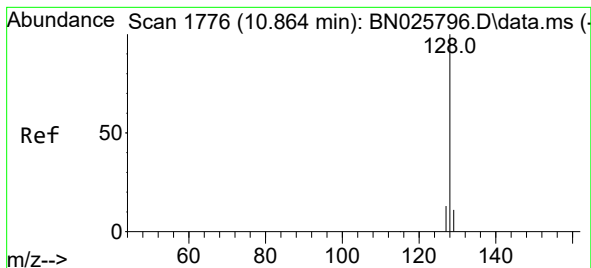
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.146 ng/ul

RT: 10.868 min Scan# 1

Delta R.T. -0.007 min

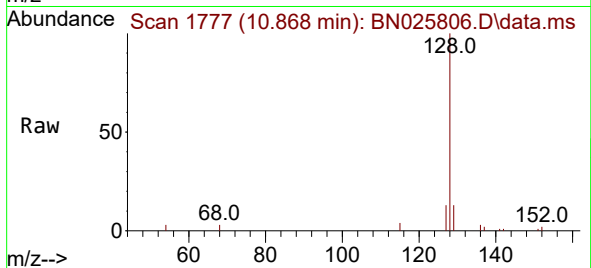
Lab File: BN025806.D

Acq: 13 Jun 2023 14:55

Instrument :

BNA_N

ClientSampleId :



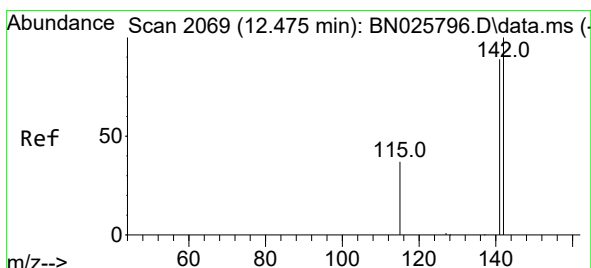
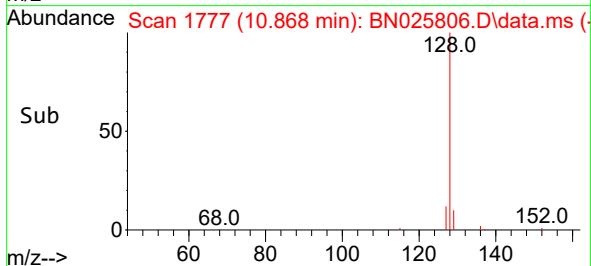
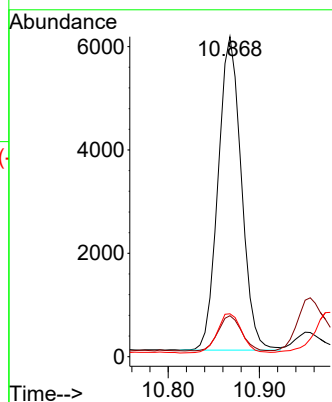
Tgt Ion:128 Resp: 10736

Ion Ratio Lower Upper

128 100

129 12.8 9.1 13.7

127 13.4 10.5 15.7



#7

2-Methylnaphthalene

Concen: 0.109 ng/ul

RT: 12.474 min Scan# 2069

Delta R.T. -0.006 min

Lab File: BN025806.D

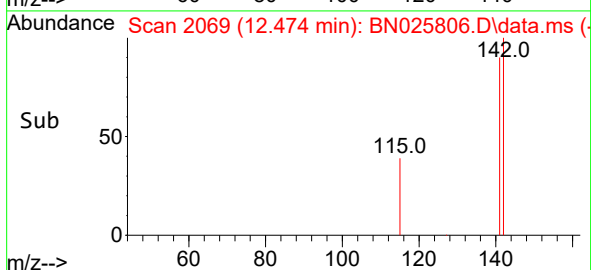
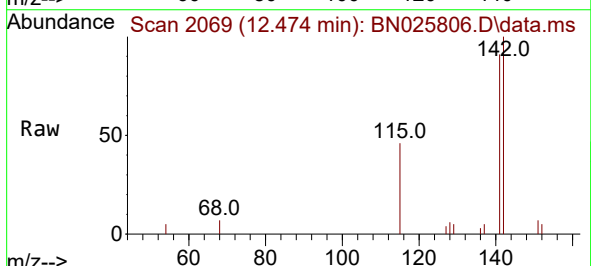
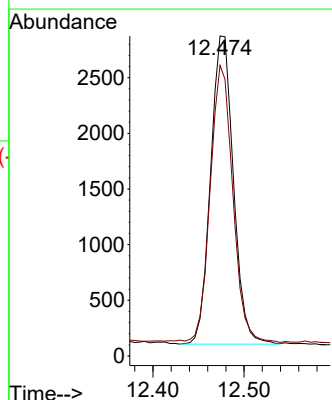
Acq: 13 Jun 2023 14:55

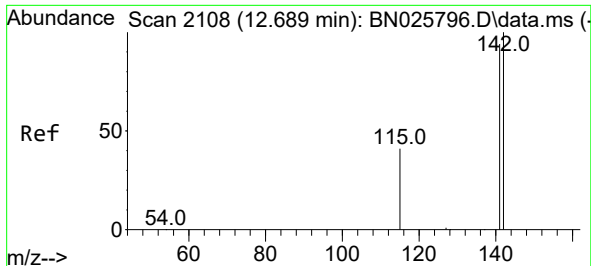
Tgt Ion:142 Resp: 4824

Ion Ratio Lower Upper

142 100

141 89.0 71.4 107.2

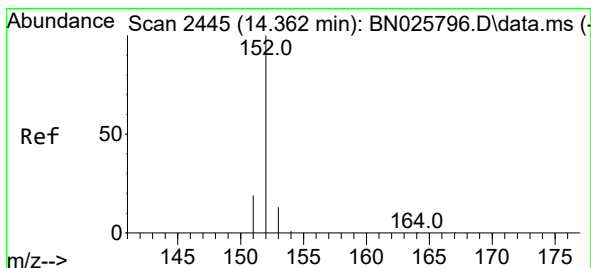
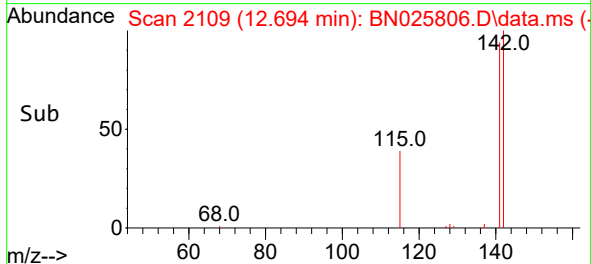
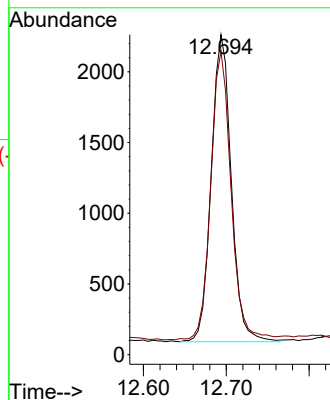
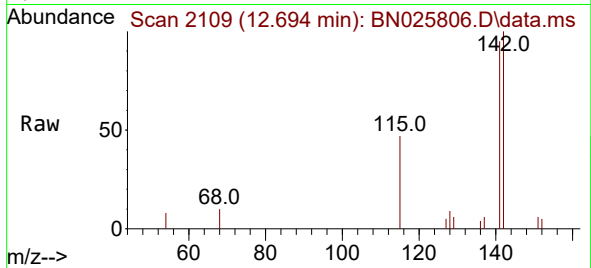




#8
1-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.694 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

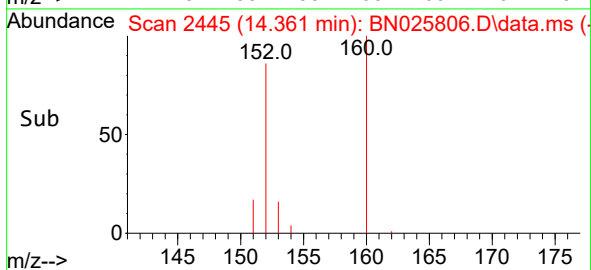
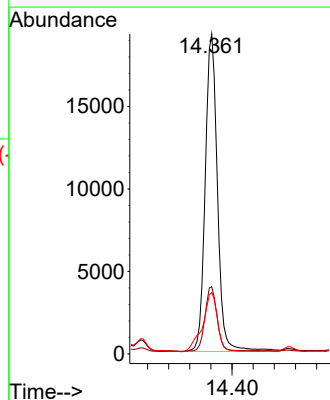
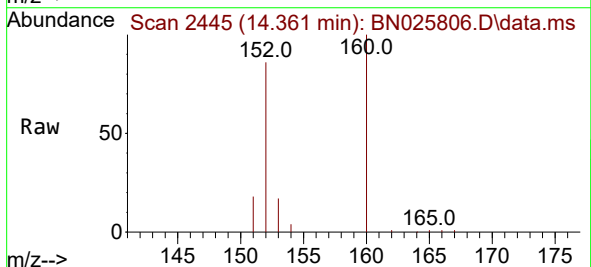
Instrument :
BNA_N
ClientSampleId :

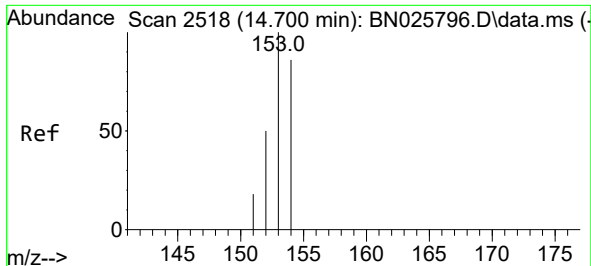
Tgt Ion:142 Resp: 3641
Ion Ratio Lower Upper
142 100
141 95.4 74.0 111.0



#10
Acenaphthylene
Concen: 0.449 ng/ul
RT: 14.361 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

Tgt Ion:152 Resp: 30932
Ion Ratio Lower Upper
152 100
151 21.0 16.0 24.0
153 19.2 10.7 16.1#

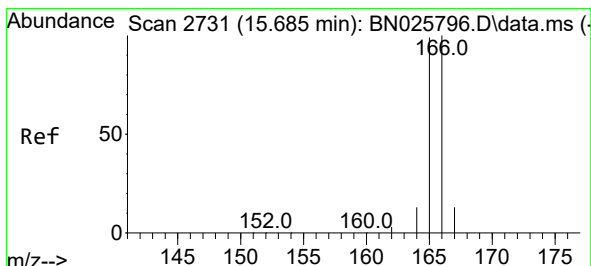
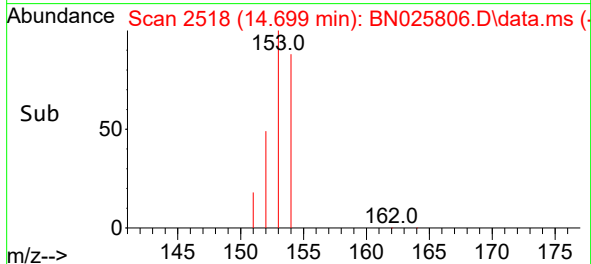
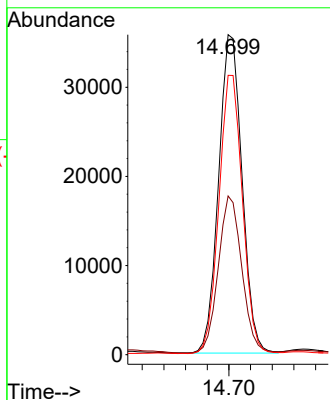
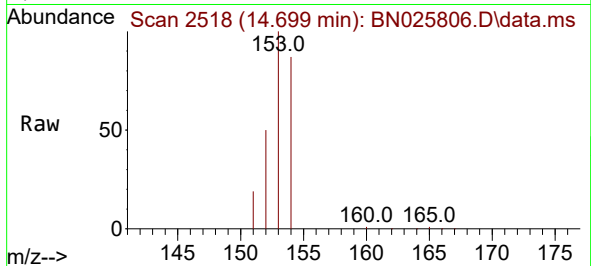




#11
Acenaphthene
Concen: 0.936 ng/ul
RT: 14.699 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

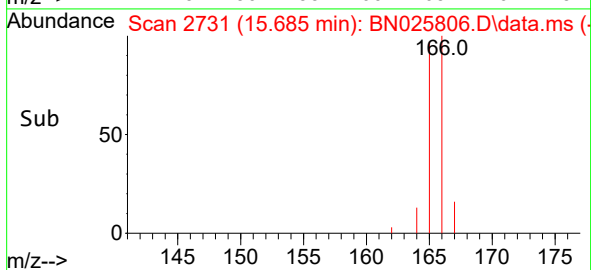
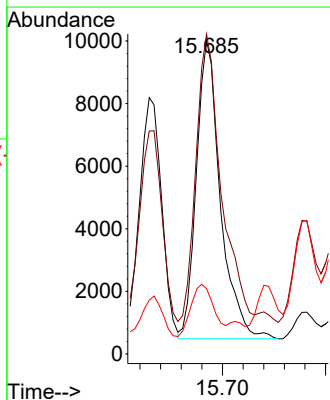
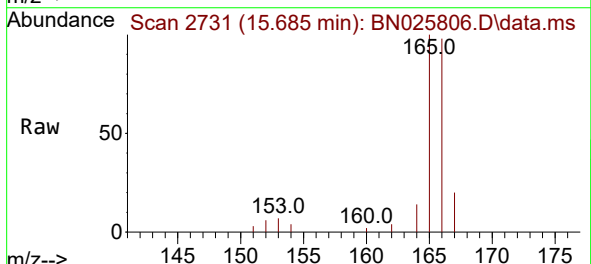
Instrument :
BNA_N
ClientSampleId :

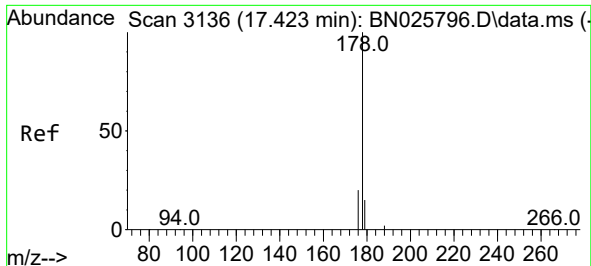
Tgt Ion:153 Resp: 53744
Ion Ratio Lower Upper
153 100
152 49.6 39.5 59.3
154 87.3 68.8 103.2



#12
Fluorene
Concen: 0.240 ng/ul
RT: 15.685 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

Tgt Ion:166 Resp: 15362
Ion Ratio Lower Upper
166 100
165 101.9 79.2 118.8
167 20.9 11.0 16.6#

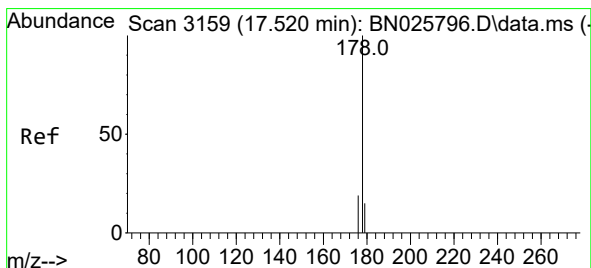
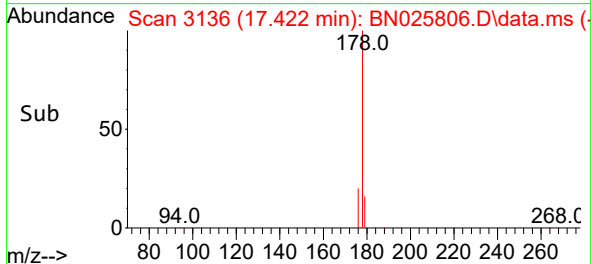
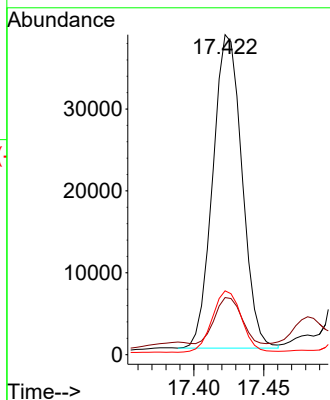
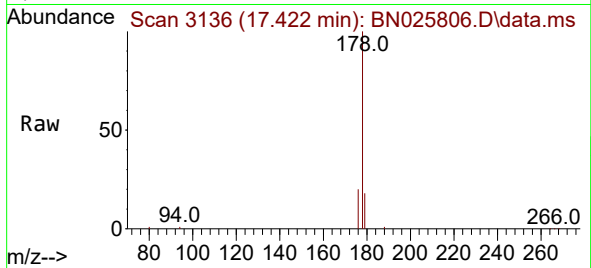




#15
Phenanthrene
Concen: 0.565 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

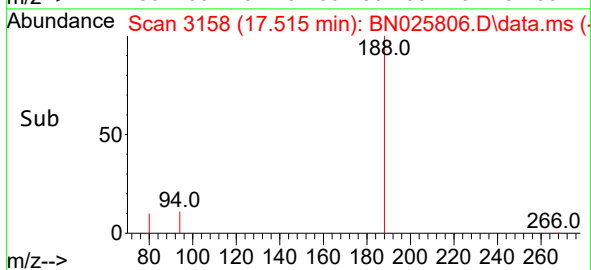
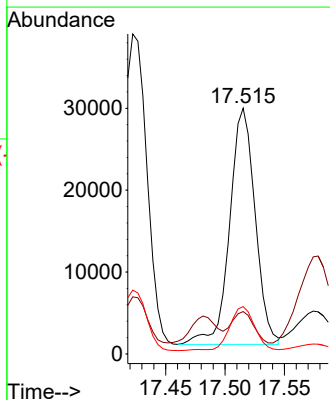
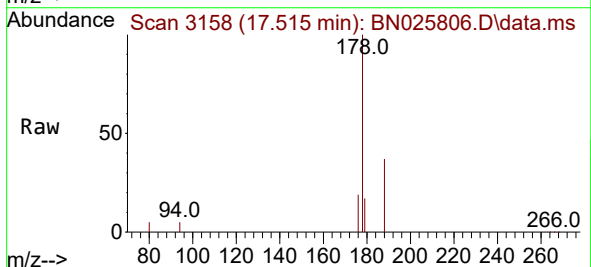
Instrument :
BNA_N
ClientSampleId :

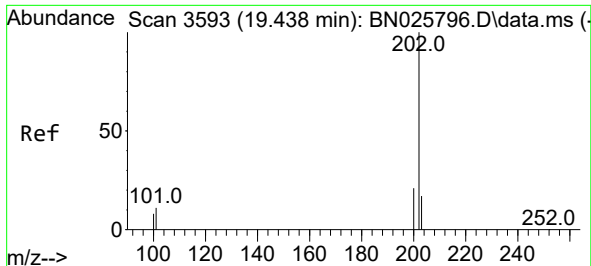
Tgt Ion:178 Resp: 55588
Ion Ratio Lower Upper
178 100
179 17.8 12.6 18.8
176 20.0 15.8 23.8



#16
Anthracene
Concen: 0.518 ng/ul
RT: 17.515 min Scan# 3158
Delta R.T. -0.009 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

Tgt Ion:178 Resp: 43096
Ion Ratio Lower Upper
178 100
179 17.2 12.6 19.0
176 19.3 15.4 23.2

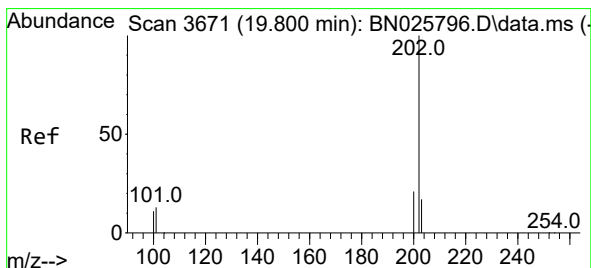
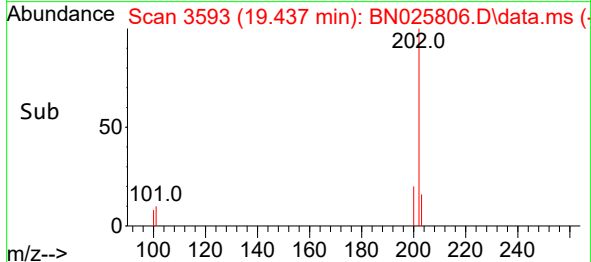
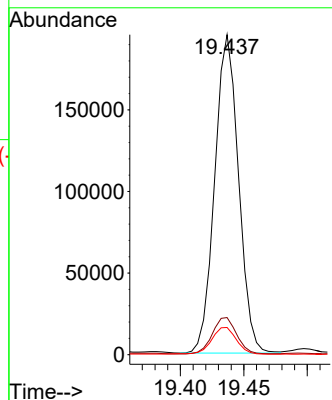
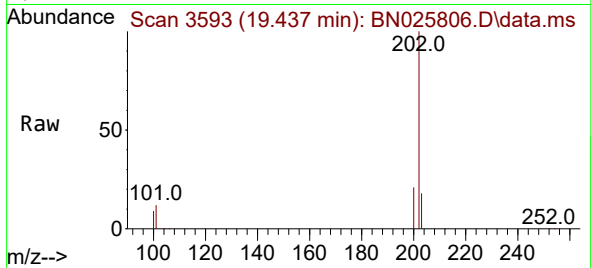




#19
Fluoranthene
Concen: 3.296 ng/ul
RT: 19.437 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

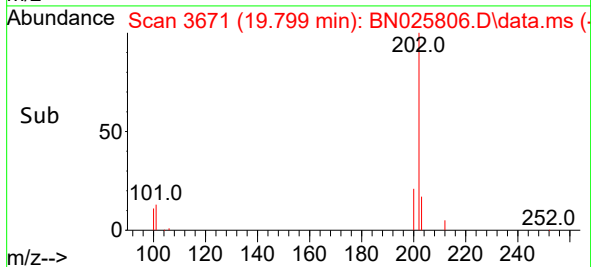
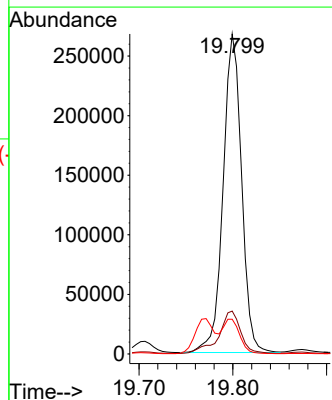
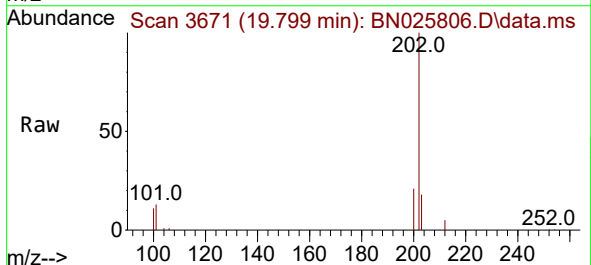
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BNA_N
ClientSampleId :

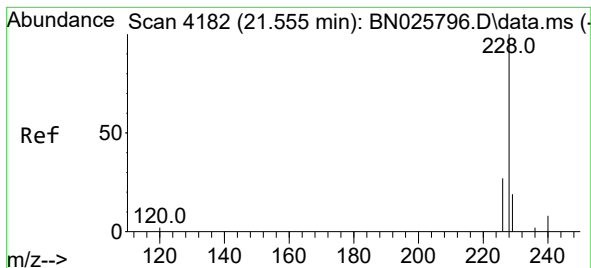
Tgt Ion:202 Resp: 254675
Ion Ratio Lower Upper
202 100
101 11.6 9.1 13.7
100 8.5 7.0 10.6



#20
Pyrene
Concen: 4.579 ng/ul
RT: 19.799 min Scan# 3671
Delta R.T. -0.006 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

Tgt Ion:202 Resp: 366232
Ion Ratio Lower Upper
202 100
101 13.4 10.4 15.6
100 10.8 8.8 13.2





#21

Benzo(a)anthracene

Concen: 2.354 ng/ul

RT: 21.548 min Scan# 4198

Delta R.T. -0.004 min

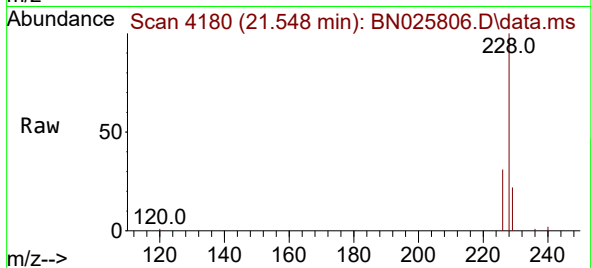
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Acq: 13 Jun 2023 14:55

Instrument :

BNA_N

ClientSampleId :



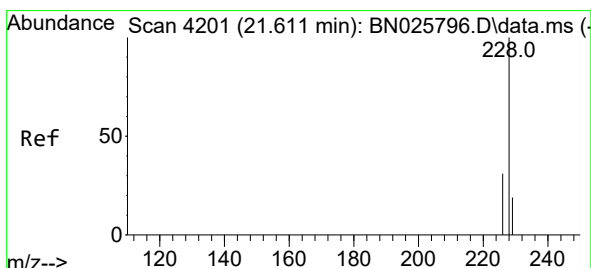
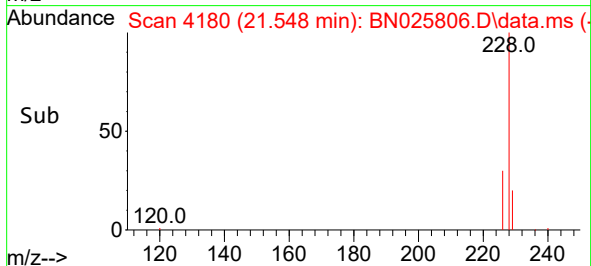
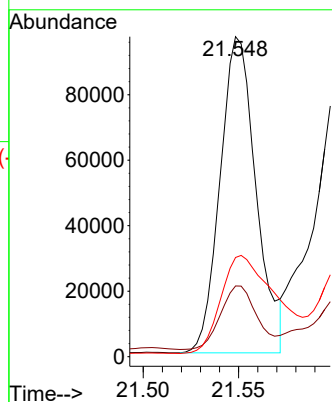
Tgt Ion:228 Resp: 126819

Ion Ratio Lower Upper

228 100

229 22.1 15.5 23.3

226 31.0 22.0 33.0



#22

Chrysene

Concen: 2.238 ng/ul

RT: 21.604 min Scan# 4199

Delta R.T. -0.004 min

Lab File: BN025806.D

Acq: 13 Jun 2023 14:55

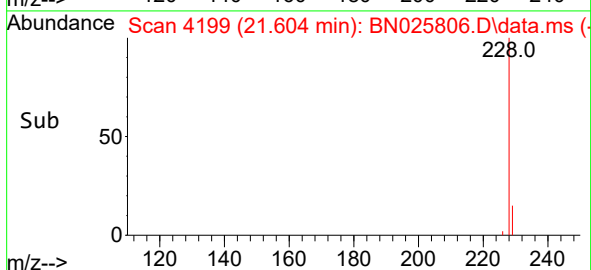
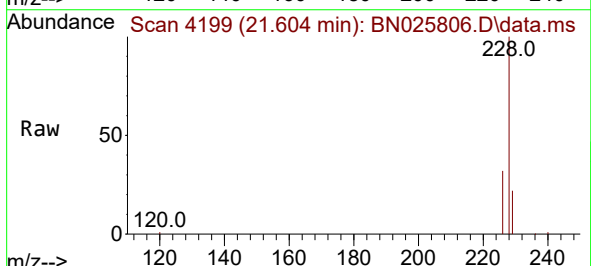
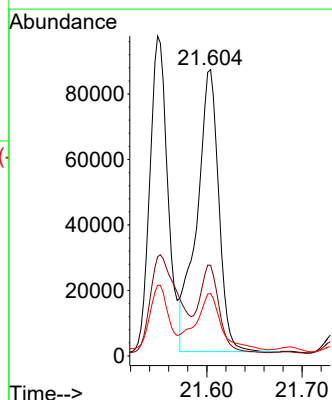
Tgt Ion:228 Resp: 137853

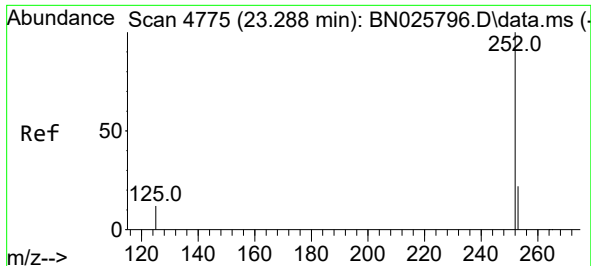
Ion Ratio Lower Upper

228 100

226 31.7 24.7 37.1

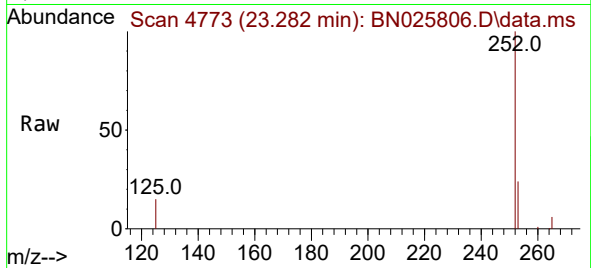
229 21.8 15.7 23.5



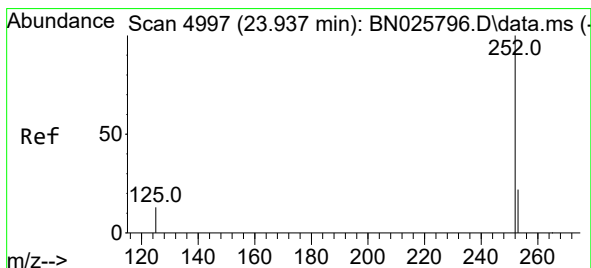
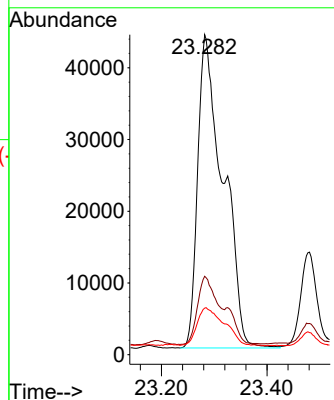


#24
Benzo(b)fluoranthene
Concen: 2.092 ng/ul
RT: 23.282 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

Instrument :
BNA_N
ClientSampleId :

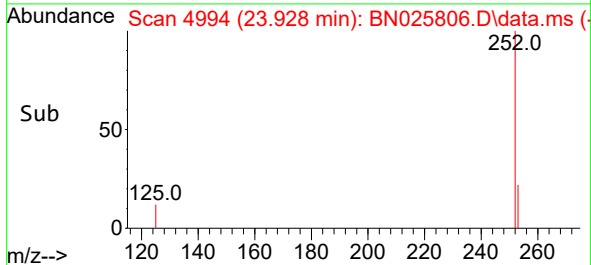
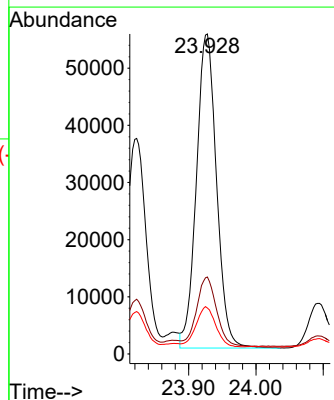
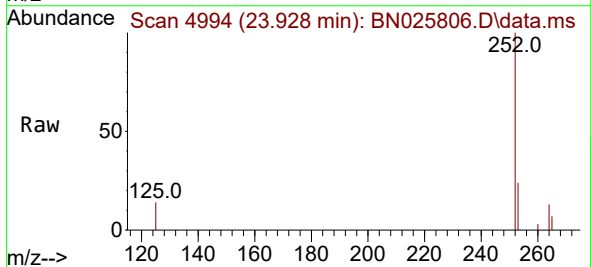


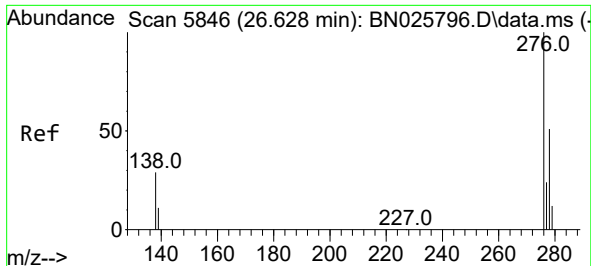
Tgt Ion:252 Resp: 145611
Ion Ratio Lower Upper
252 100
253 24.5 0.0 56.0
125 14.6 0.0 28.0



#26
Benzo(a)pyrene
Concen: 1.934 ng/ul
RT: 23.928 min Scan# 4994
Delta R.T. -0.015 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

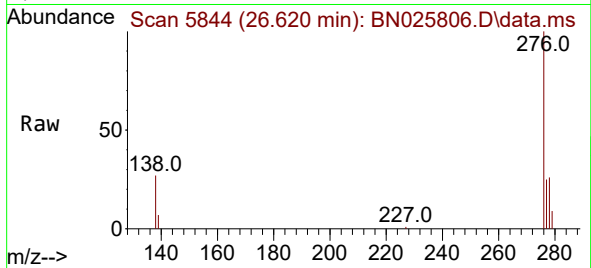
Tgt Ion:252 Resp: 114091
Ion Ratio Lower Upper
252 100
253 24.1 25.8 38.8#
125 14.4 13.5 20.3



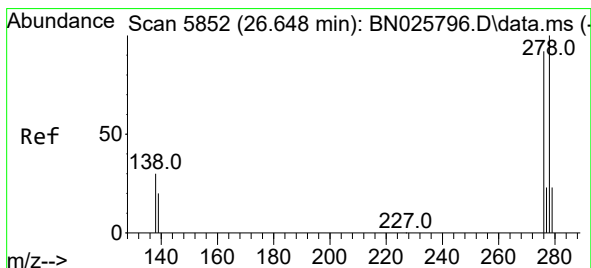
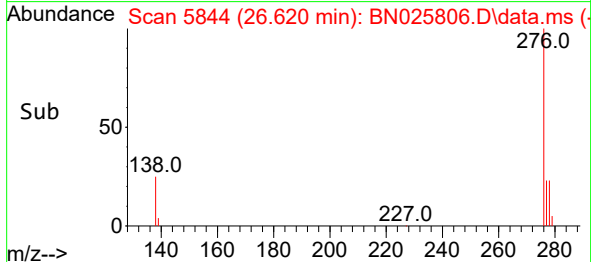
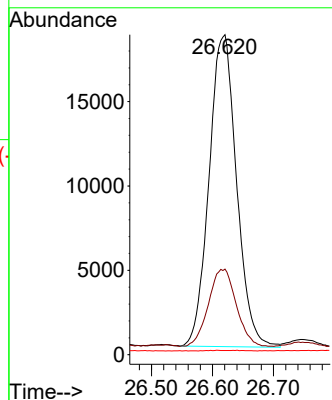


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.862 ng/ul
 RT: 26.620 min Scan# 5844
 Delta R.T. -0.038 min
 Lab File: BN025806.D
 Acq: 13 Jun 2023 14:55

Instrument :
 BNA_N
 ClientSampleId :

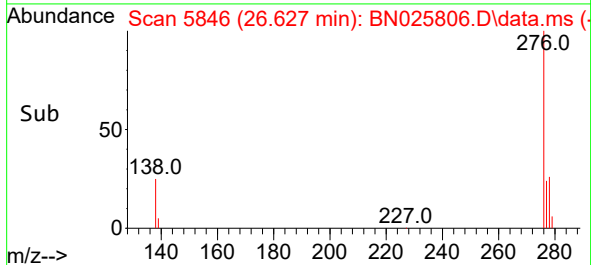
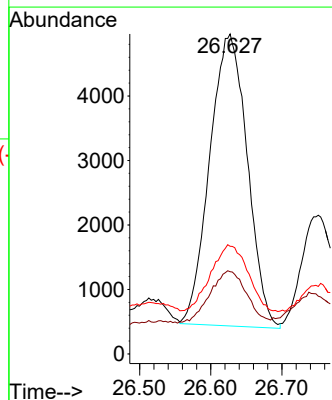
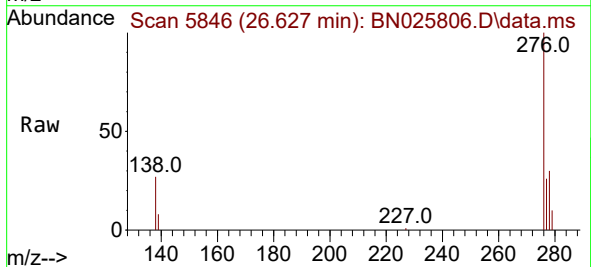


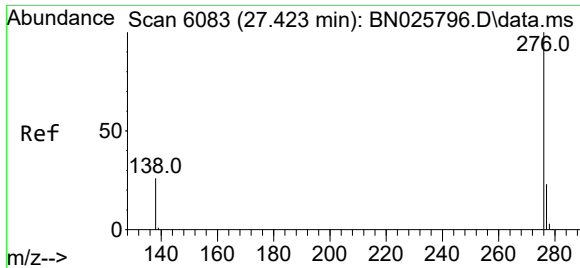
Tgt Ion:276 Resp: 57960
 Ion Ratio Lower Upper
 276 100
 138 25.4 24.6 36.8
 227 0.1 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.326 ng/ul
 RT: 26.627 min Scan# 5846
 Delta R.T. -0.058 min
 Lab File: BN025806.D
 Acq: 13 Jun 2023 14:55

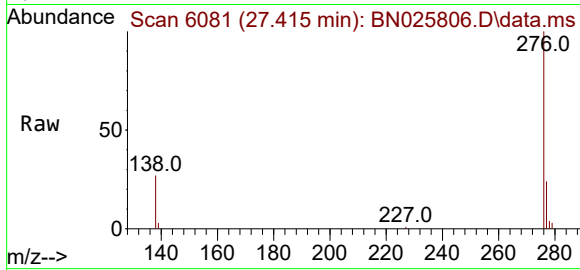
Tgt Ion:278 Resp: 16583
 Ion Ratio Lower Upper
 278 100
 139 25.7 17.9 26.9
 279 33.7 25.3 37.9





#29
 Benzo(g,h,i)perylene
 Concen: 1.039 ng/ul
 RT: 27.415 min Scan# 6081
 Delta R.T. -0.034 min
 Lab File: BN025806.D
 Acq: 13 Jun 2023 14:55

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 62702

Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.8	32.8
277	24.4	19.4	29.2

