

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023339.D
 Acq On : 22 Dec 2022 15:00
 Operator : CG/JU
 Sample : N6003-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 22 23:53:37 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 : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

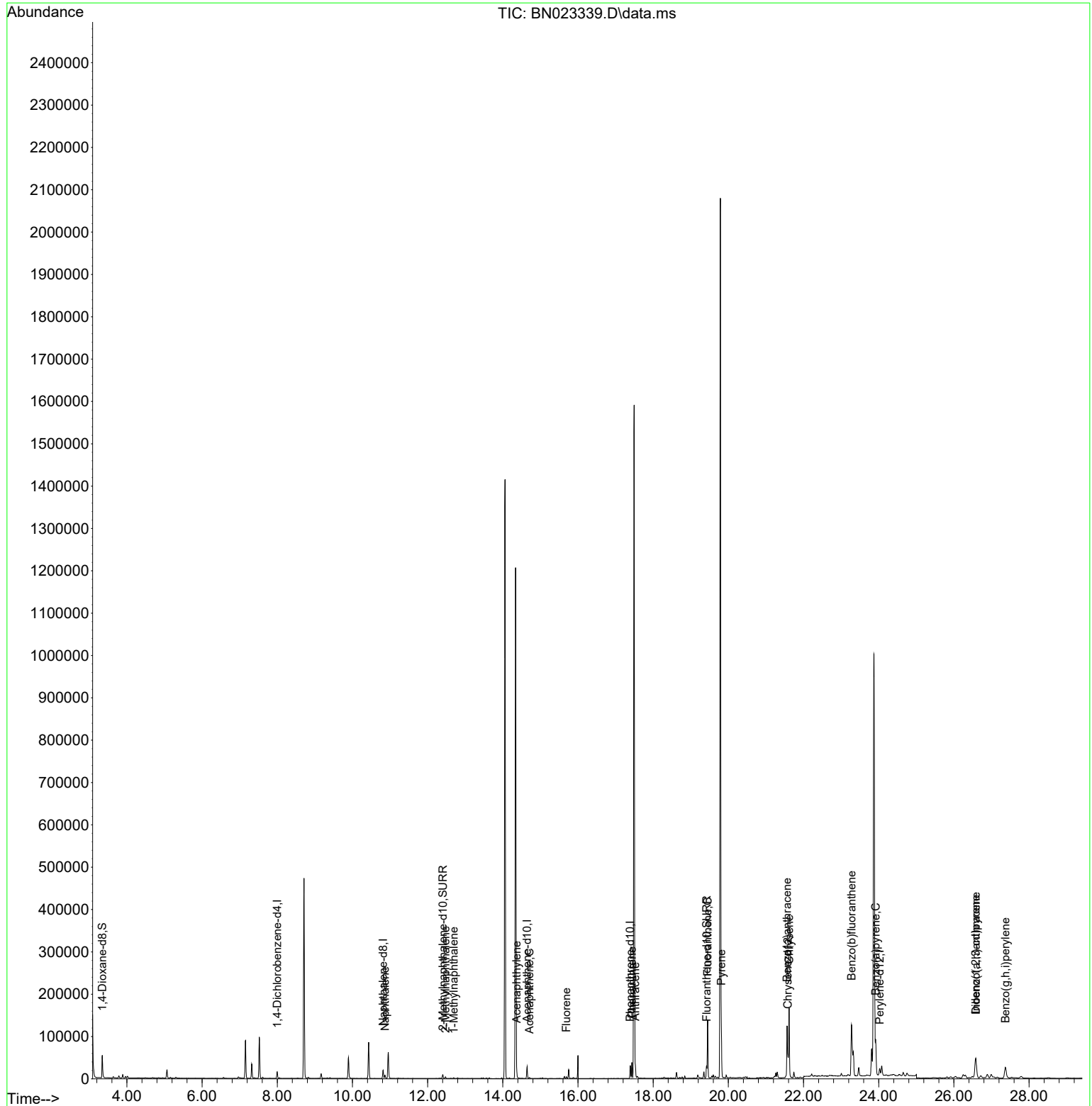
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	7516	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	24753	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.646	164	14816	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	34386	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	27058	0.400	ng/ul	# 0.00
23) Perylene-d12	24.025	264	22026	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	34027	4.167	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.405	152	10996	0.287	ng/ul	0.00
18) Fluoranthene-d10	19.421	212	28473	0.291	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.865	128	9964	0.137	ng/ul	97
7) 2-Methylnaphthalene	12.476	142	2578	0.055	ng/ul	99
8) 1-Methylnaphthalene	12.696	142	1201	0.025	ng/ul	100
10) Acenaphthylene	14.369	152	15255	0.232	ng/ul	99
11) Acenaphthene	14.706	153	1357	0.025	ng/ul	98
12) Fluorene	15.692	166	2571	0.041	ng/ul#	96
15) Phenanthrene	17.433	178	37758	0.337	ng/ul	100
16) Anthracene	17.526	178	24854	0.268	ng/ul	99
19) Fluoranthene	19.449	202	107958	0.822	ng/ul	99
20) Pyrene	19.816	202	89823	0.679	ng/ul	97
21) Benzo(a)anthracene	21.561	228	99529	0.945	ng/ul	97
22) Chrysene	21.617	228	156789	1.463	ng/ul	98
24) Benzo(b)fluoranthene	23.277	252	267099	2.345	ng/ul	98
26) Benzo(a)pyrene	23.920	252	107505	1.192	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.581	276	79293	0.753	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.585	278	21249	0.260	ng/ul#	90
29) Benzo(g,h,i)perylene	27.369	276	57579	0.671	ng/ul	99

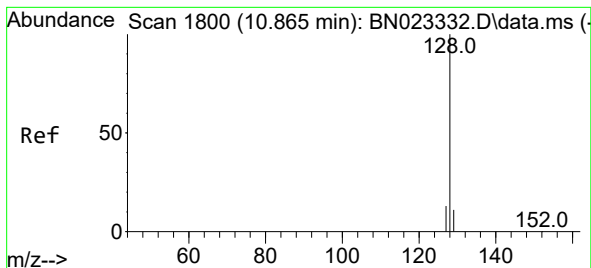
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 22 23:53:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
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QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.137 ng/ul

RT: 10.865 min Scan# 1800

Delta R.T. 0.000 min

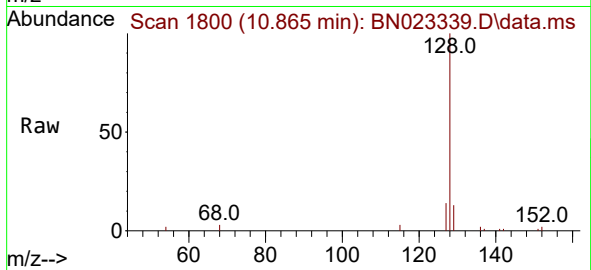
Lab File: BN023339.D

Acq: 22 Dec 2022 15:00

Instrument :

BNA_N

ClientSampleId :



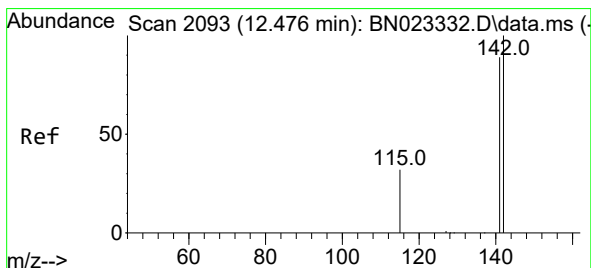
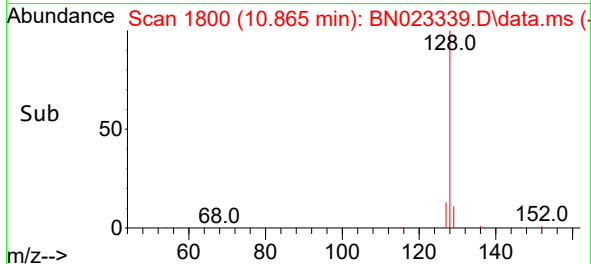
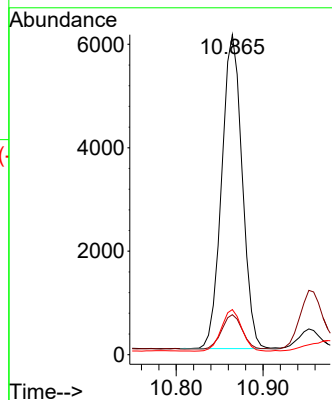
Tgt Ion:128 Resp: 9964

Ion Ratio Lower Upper

128 100

129 12.5 9.0 13.4

127 14.1 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.055 ng/ul

RT: 12.476 min Scan# 2093

Delta R.T. 0.000 min

Lab File: BN023339.D

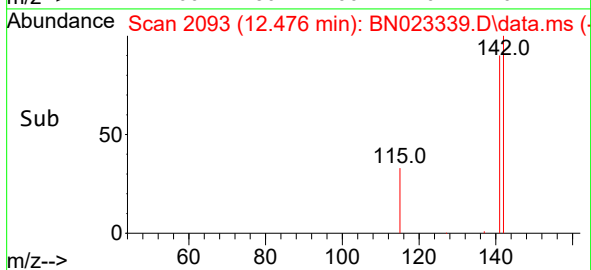
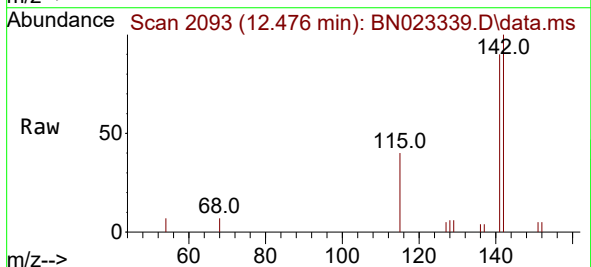
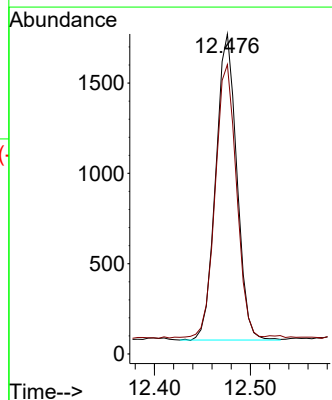
Acq: 22 Dec 2022 15:00

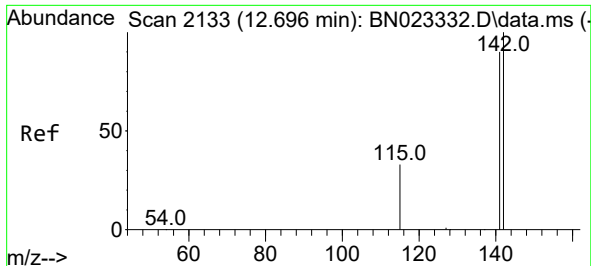
Tgt Ion:142 Resp: 2578

Ion Ratio Lower Upper

142 100

141 90.3 71.4 107.2

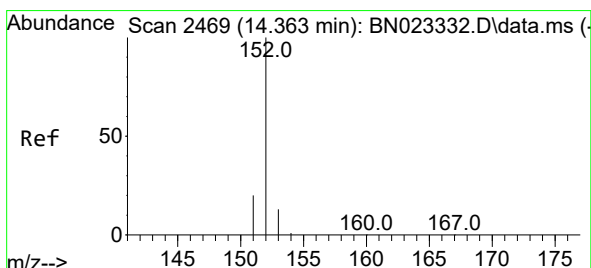
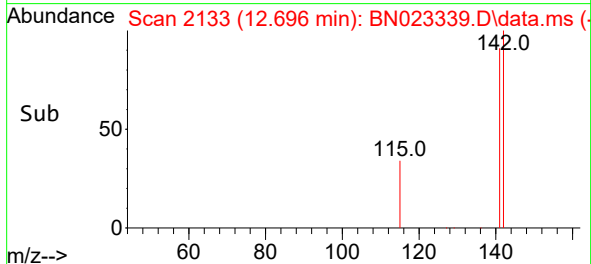
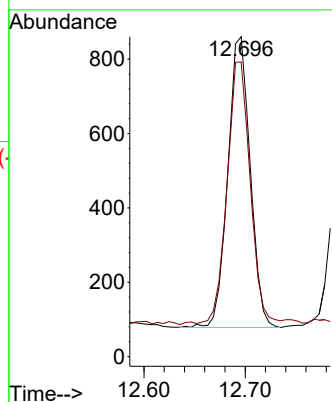
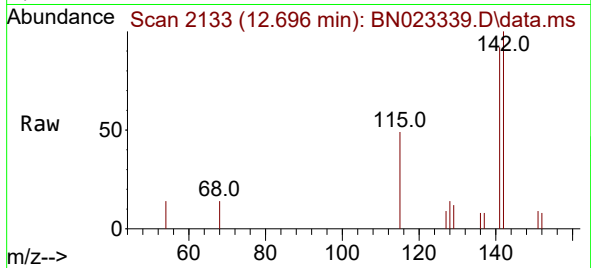




#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN023339.D
Acq: 22 Dec 2022 15:00

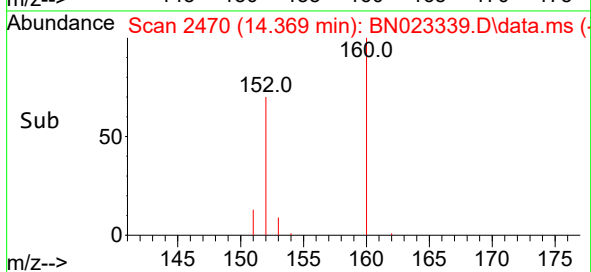
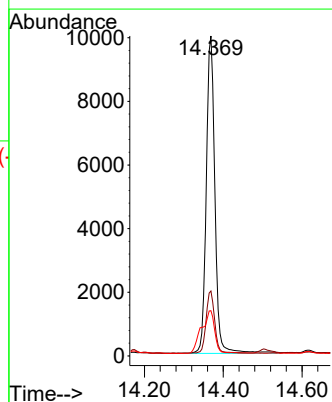
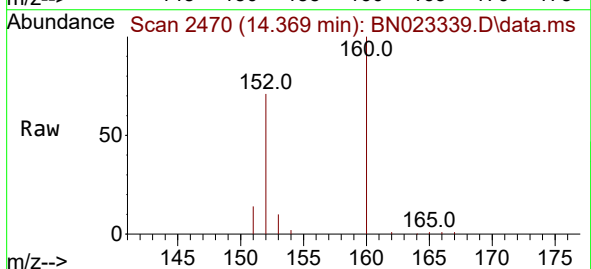
Instrument :
BNA_N
ClientSampleId :

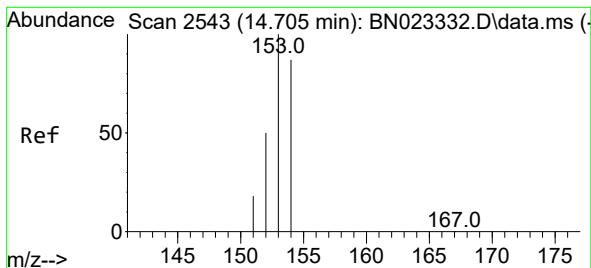
Tgt Ion:142 Resp: 1201
Ion Ratio Lower Upper
142 100
141 92.8 74.0 111.0



#10
Acenaphthylene
Concen: 0.232 ng/ul
RT: 14.369 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BN023339.D
Acq: 22 Dec 2022 15:00

Tgt Ion:152 Resp: 15255
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 14.1 10.9 16.3





#11

Acenaphthene

Concen: 0.025 ng/ul

RT: 14.706 min Scan# 2543

Delta R.T. 0.000 min

Lab File: BN023339.D

Acq: 22 Dec 2022 15:00

Instrument :

BNA_N

ClientSampleId :

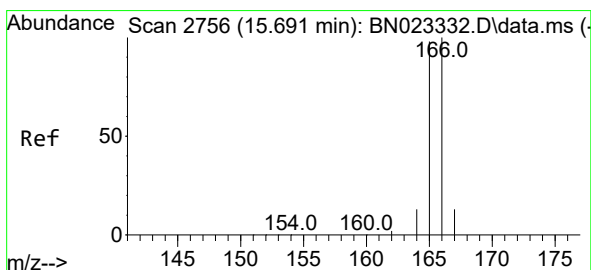
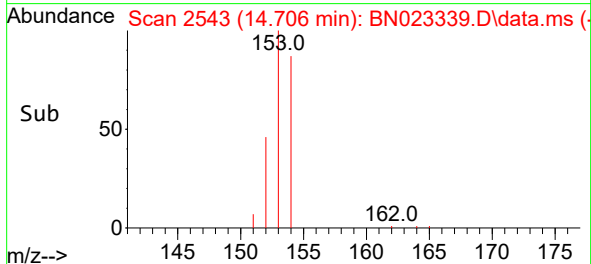
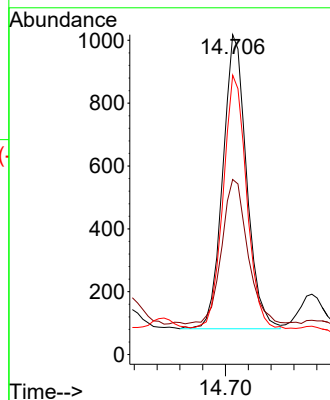
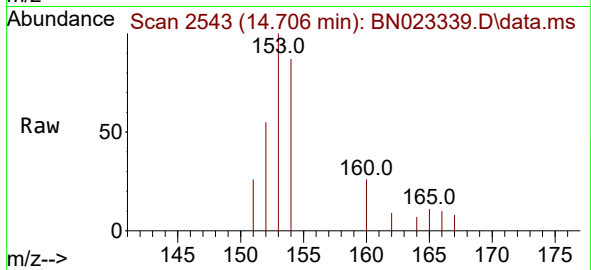
Tgt Ion:153 Resp: 1357

Ion Ratio Lower Upper

153 100

152 54.7 41.0 61.4

154 87.3 69.5 104.3



#12

Fluorene

Concen: 0.041 ng/ul

RT: 15.692 min Scan# 2756

Delta R.T. 0.000 min

Lab File: BN023339.D

Acq: 22 Dec 2022 15:00

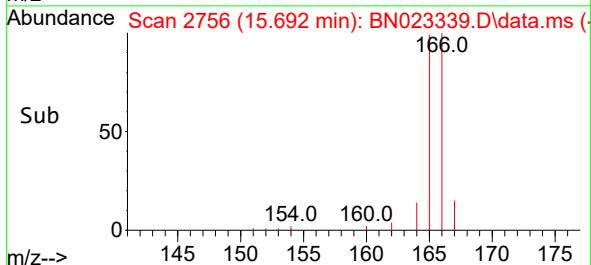
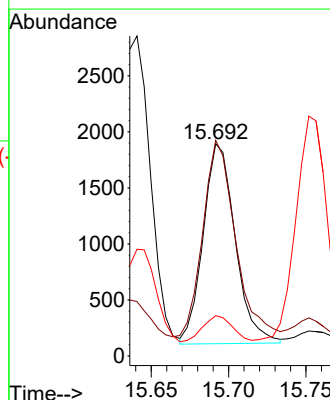
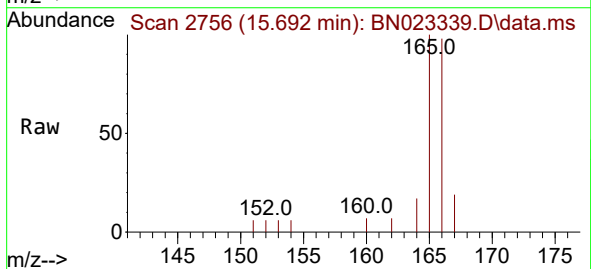
Tgt Ion:166 Resp: 2571

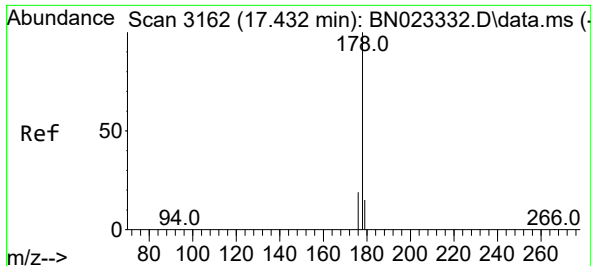
Ion Ratio Lower Upper

166 100

165 101.6 79.1 118.7

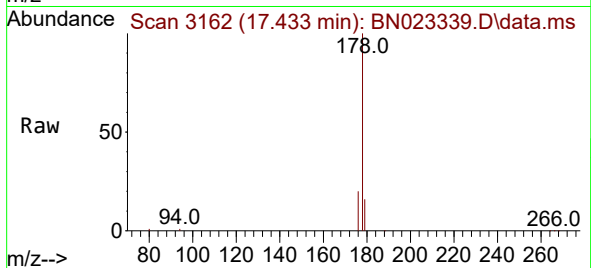
167 19.0 11.0 16.4#



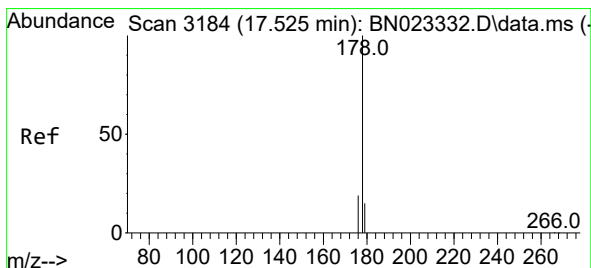
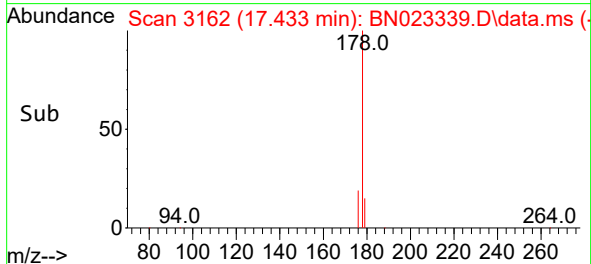
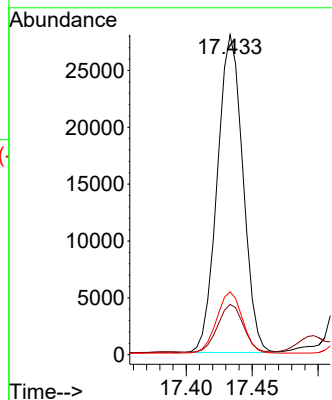


#15
Phenanthrene
Concen: 0.337 ng/ul
RT: 17.433 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN023339.D
Acq: 22 Dec 2022 15:00

Instrument :
BNA_N
ClientSampleId :

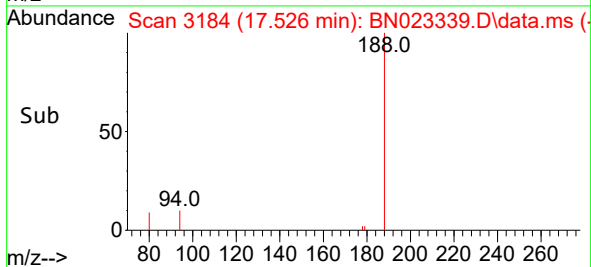
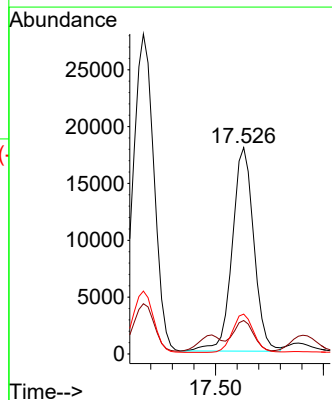
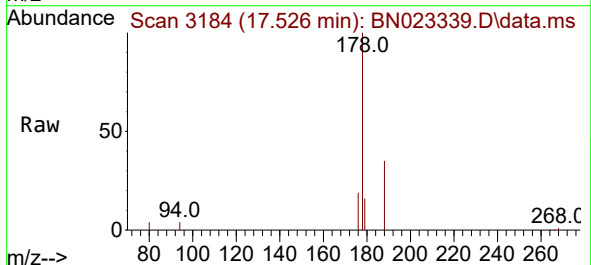


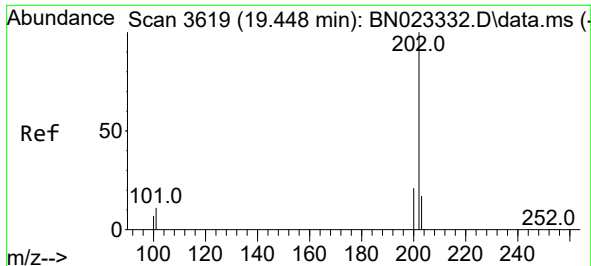
Tgt Ion:178 Resp: 37758
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.7 15.7 23.5



#16
Anthracene
Concen: 0.268 ng/ul
RT: 17.526 min Scan# 3184
Delta R.T. 0.000 min
Lab File: BN023339.D
Acq: 22 Dec 2022 15:00

Tgt Ion:178 Resp: 24854
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.3 15.4 23.0

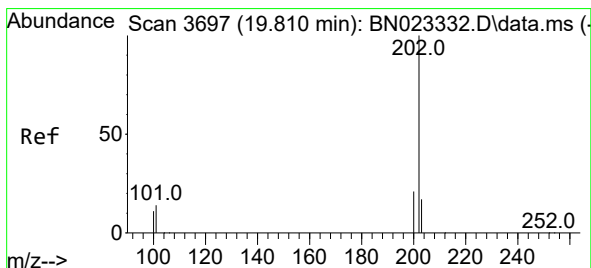
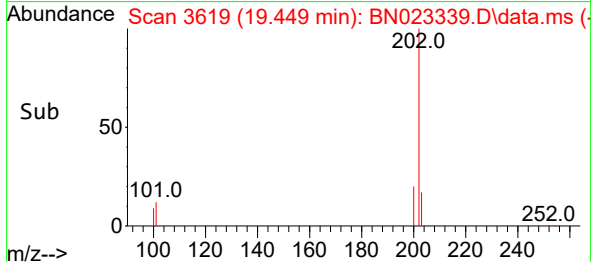
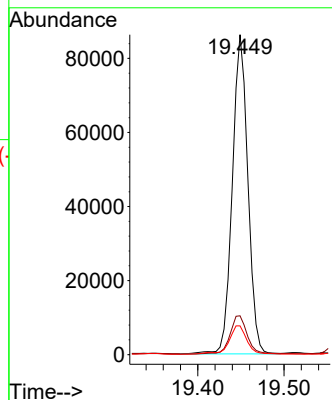
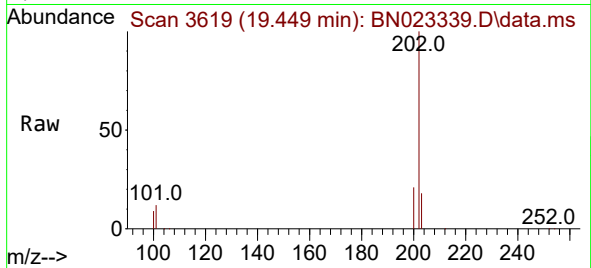




#19
Fluoranthene
Concen: 0.822 ng/ul
RT: 19.449 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BN023339.D
Acq: 22 Dec 2022 15:00

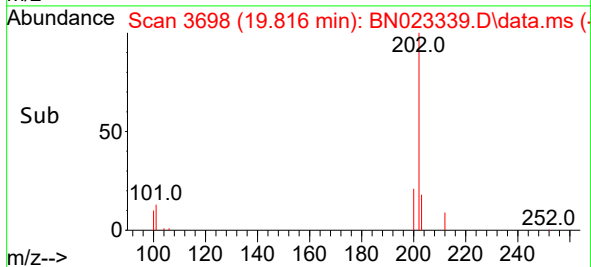
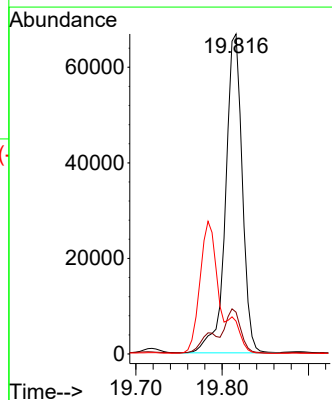
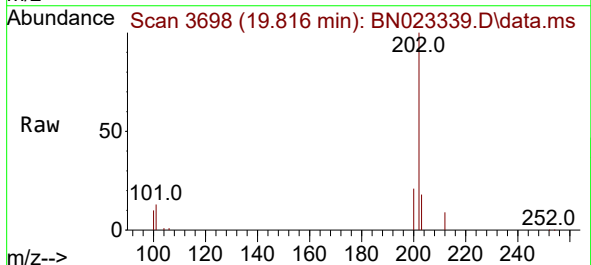
Instrument :
BNA_N
ClientSampleId :

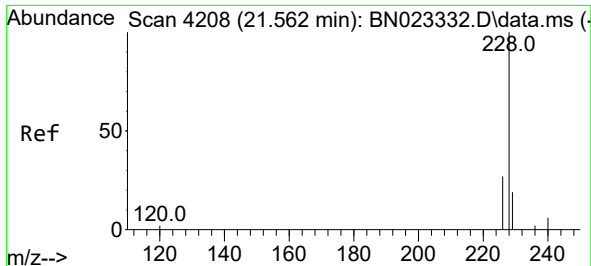
Tgt Ion:202 Resp: 107958
Ion Ratio Lower Upper
202 100
101 12.1 9.4 14.2
100 9.0 7.0 10.6



#20
Pyrene
Concen: 0.679 ng/ul
RT: 19.816 min Scan# 3698
Delta R.T. 0.005 min
Lab File: BN023339.D
Acq: 22 Dec 2022 15:00

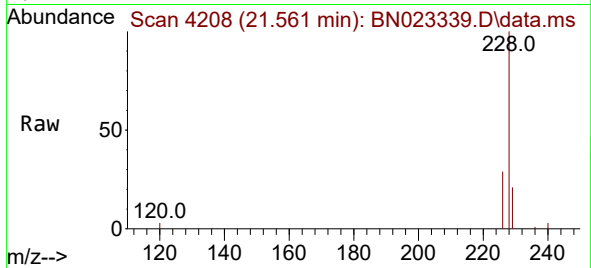
Tgt Ion:202 Resp: 89823
Ion Ratio Lower Upper
202 100
101 13.0 11.3 16.9
100 10.3 9.0 13.4



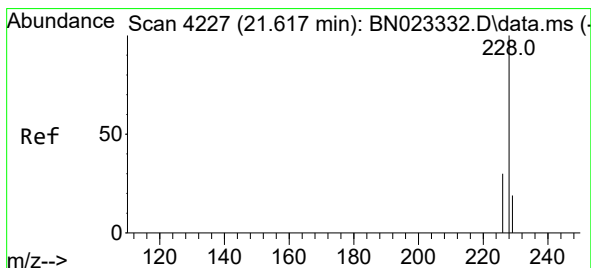
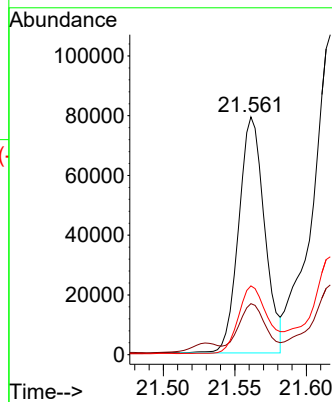
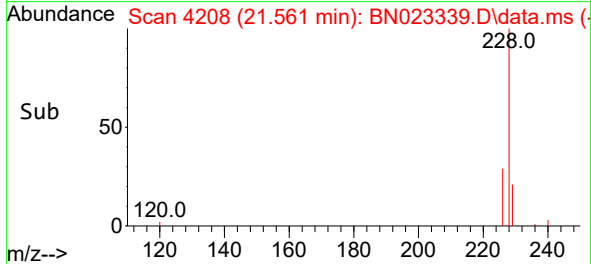


#21
Benzo(a)anthracene
Concen: 0.945 ng/ul
RT: 21.561 min Scan# 4208
Delta R.T. 0.000 min
Lab File: BN023339.D
Acq: 22 Dec 2022 15:00

Instrument :
BNA_N
ClientSampleId :

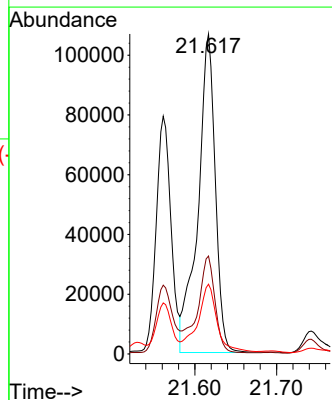
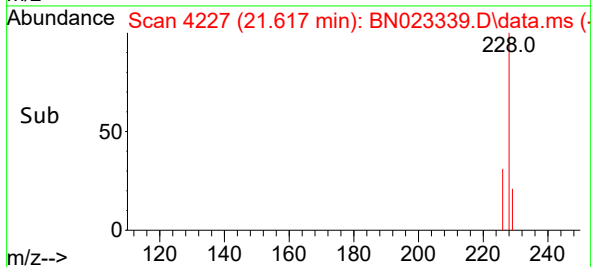
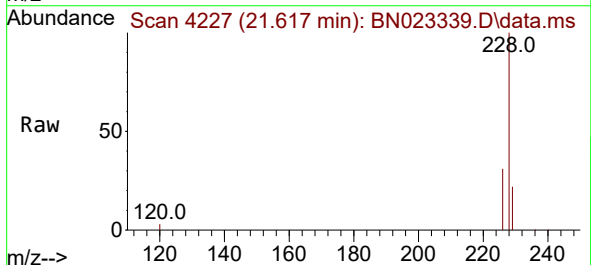


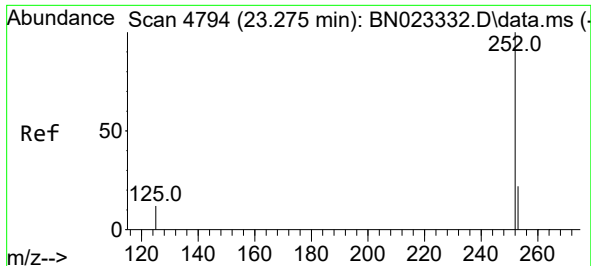
Tgt Ion:228 Resp: 99529
Ion Ratio Lower Upper
228 100
229 21.4 15.6 23.4
226 29.0 22.2 33.2



#22
Chrysene
Concen: 1.463 ng/ul
RT: 21.617 min Scan# 4227
Delta R.T. 0.000 min
Lab File: BN023339.D
Acq: 22 Dec 2022 15:00

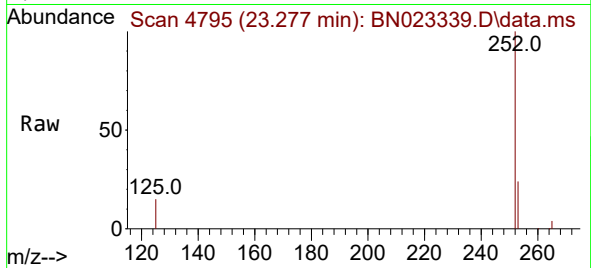
Tgt Ion:228 Resp: 156789
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 21.8 15.8 23.6



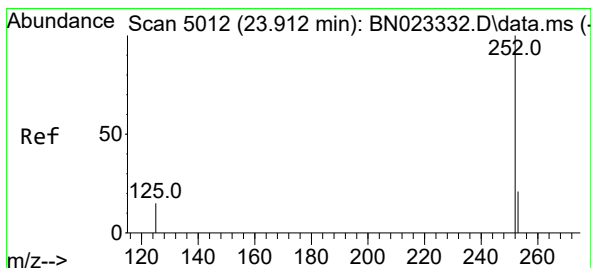
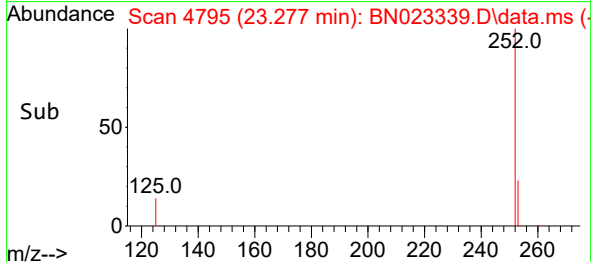
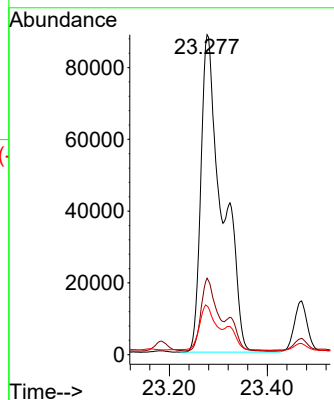


#24
Benzo(b)fluoranthene
Concen: 2.345 ng/ul
RT: 23.277 min Scan# 4794
Delta R.T. 0.003 min
Lab File: BN023339.D
Acq: 22 Dec 2022 15:00

Instrument :
BNA_N
ClientSampleId :

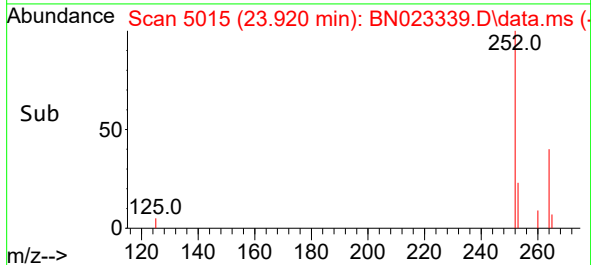
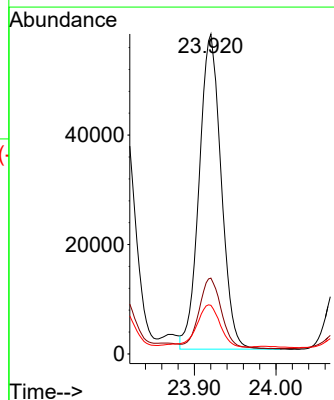
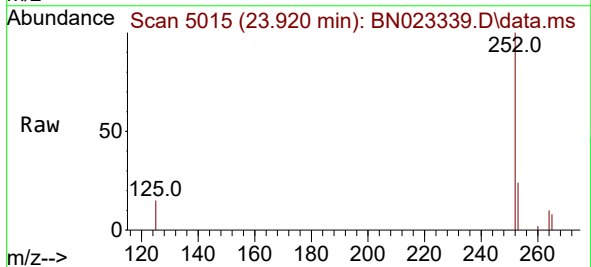


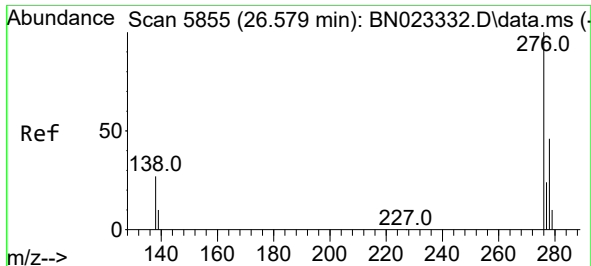
Tgt Ion:252 Resp: 267099
Ion Ratio Lower Upper
252 100
253 23.9 0.0 49.2
125 15.2 0.0 31.8



#26
Benzo(a)pyrene
Concen: 1.192 ng/ul
RT: 23.920 min Scan# 5015
Delta R.T. 0.006 min
Lab File: BN023339.D
Acq: 22 Dec 2022 15:00

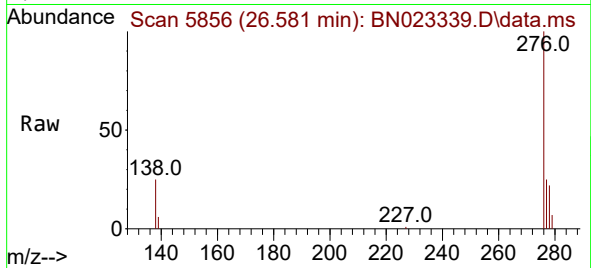
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Ion Ratio Lower Upper
252 100
253 23.7 21.4 32.2
125 15.2 16.2 24.4#



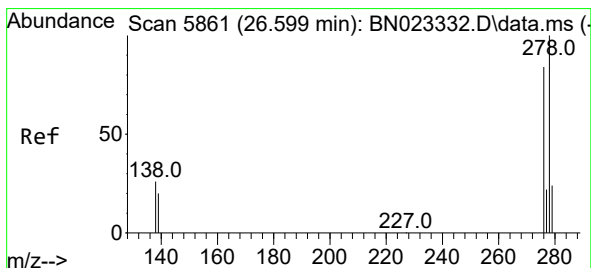
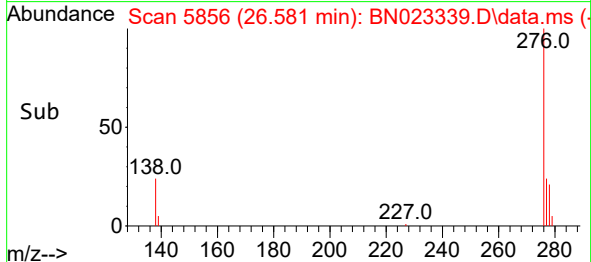
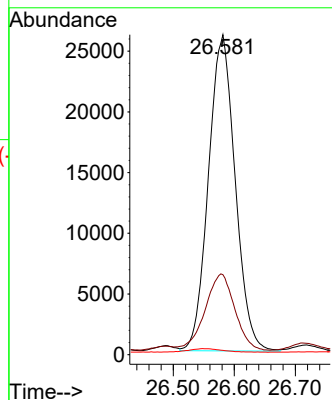


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.753 ng/ul
 RT: 26.581 min Scan# 5856
 Delta R.T. 0.003 min
 Lab File: BN023339.D
 Acq: 22 Dec 2022 15:00

Instrument :
 BNA_N
 ClientSampleId :

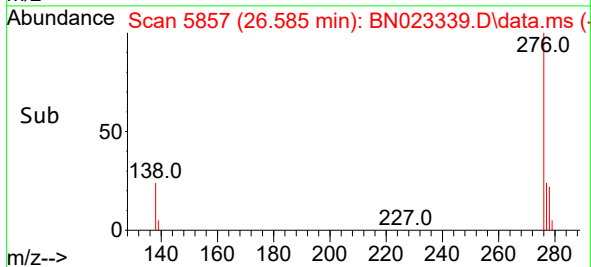
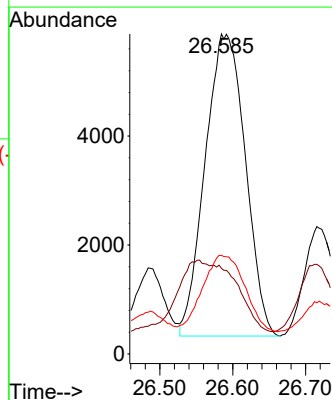
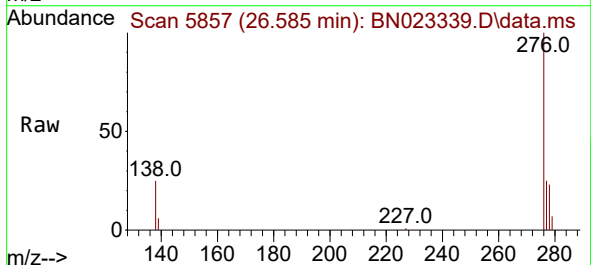


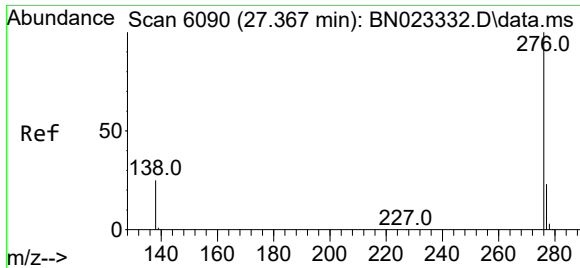
Tgt Ion:276 Resp: 79293
 Ion Ratio Lower Upper
 276 100
 138 26.7 23.4 35.2
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.260 ng/ul
 RT: 26.585 min Scan# 5857
 Delta R.T. -0.017 min
 Lab File: BN023339.D
 Acq: 22 Dec 2022 15:00

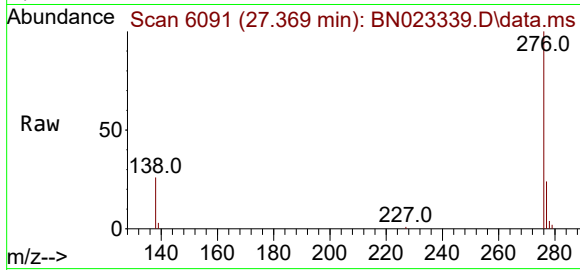
Tgt Ion:278 Resp: 21249
 Ion Ratio Lower Upper
 278 100
 139 26.8 16.6 24.8#
 279 30.8 21.3 31.9





#29
 Benzo(g,h,i)perylene
 Concen: 0.671 ng/ul
 RT: 27.369 min Scan# 6091
 Delta R.T. 0.000 min
 Lab File: BN023339.D
 Acq: 22 Dec 2022 15:00

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	57579
Ion Ratio	Lower	Upper	
276	100		
138	25.9	20.3	30.5
277	24.0	19.7	29.5

