

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032683.D
 Acq On : 12 Jul 2024 21:36
 Operator : MA/JU
 Sample : P3035-01DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 13 00:03:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

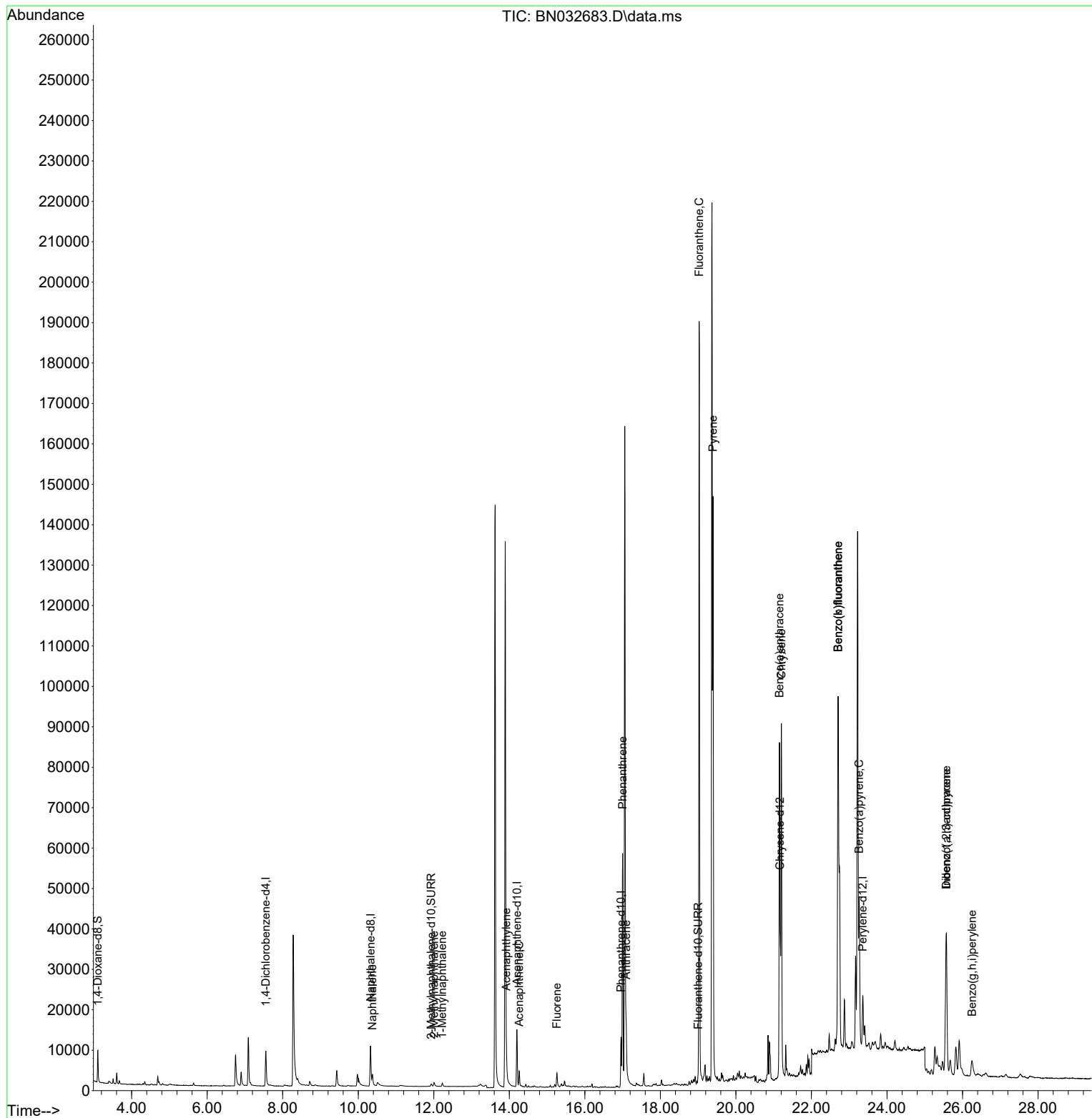
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5638	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.327	136	16268	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	8373	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.957	188	15918	0.400	ng/ul	-0.03
17) Chrysene-d12	21.168	240	14604	0.400	ng/ul	-0.03
23) Perylene-d12	23.360	264	17782	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	5373	0.794	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	1311	0.053	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	2475	0.052	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	3399	0.078	ng/ul#	93
7) 2-Methylnaphthalene	12.010	142	1105	0.041	ng/ul	97
8) 1-Methylnaphthalene	12.224	142	778	0.028	ng/ul	98
10) Acenaphthylene	13.920	152	6659	0.197	ng/ul	96
11) Acenaphthene	14.262	153	2299	0.082	ng/ul	98
12) Fluorene	15.262	166	2699	0.084	ng/ul#	98
15) Phenanthrene	16.999	178	64064	1.478	ng/ul	99
16) Anthracene	17.096	178	13227	0.373	ng/ul	98
19) Fluoranthene	19.027	202	169441	2.854	ng/ul	99
20) Pyrene	19.394	202	124536	2.026	ng/ul	99
21) Benzo(a)anthracene	21.153	228	74951	1.612	ng/ul	98
22) Chrysene	21.206	228	94830	1.410	ng/ul	98
24) Benzo(b)fluoranthene	22.705	252	190398	3.035	ng/ul	93
25) Benzo(k)fluoranthene	22.705	252	158066	2.067	ng/ul#	93
26) Benzo(a)pyrene	23.266	252	49693	0.915	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.572	276	52139	0.709	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.569	278	16792	0.295	ng/ul#	80
29) Benzo(g,h,i)perylene	26.250	276	7825	0.127	ng/ul#	72

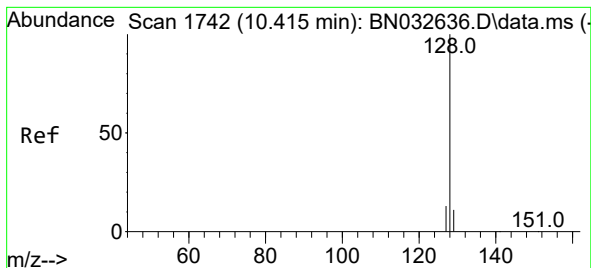
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.078 ng/ul

RT: 10.376 min Scan# 1

Delta R.T. -0.033 min

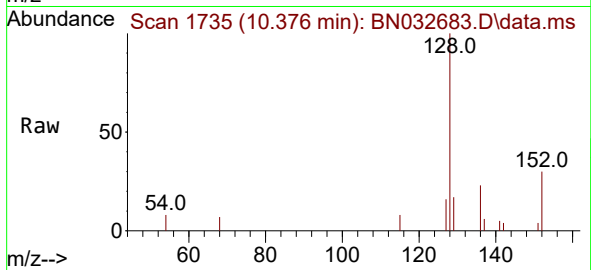
Lab File: BN032683.D

Acq: 12 Jul 2024 21:36

Instrument :

BNA_N

ClientSampleId :



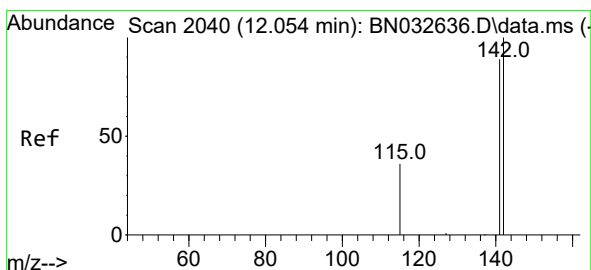
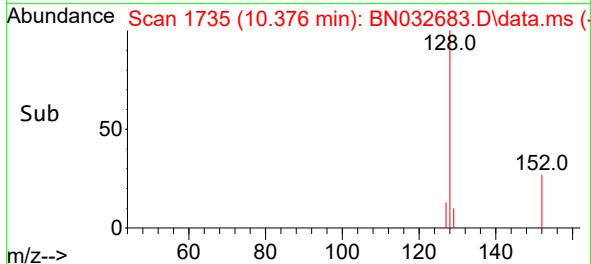
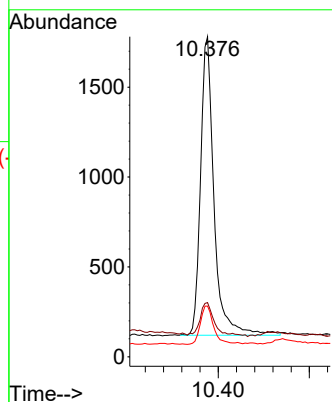
Tgt Ion:128 Resp: 3399

Ion Ratio Lower Upper

128 100

129 16.9 10.0 15.0#

127 15.8 11.6 17.4



#7

2-Methylnaphthalene

Concen: 0.041 ng/ul

RT: 12.010 min Scan# 2032

Delta R.T. -0.038 min

Lab File: BN032683.D

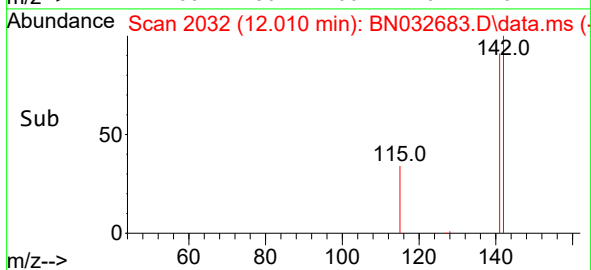
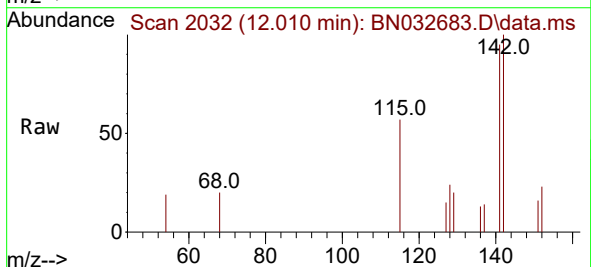
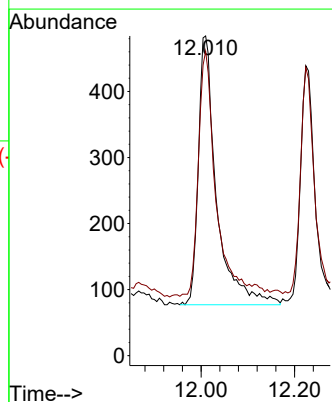
Acq: 12 Jul 2024 21:36

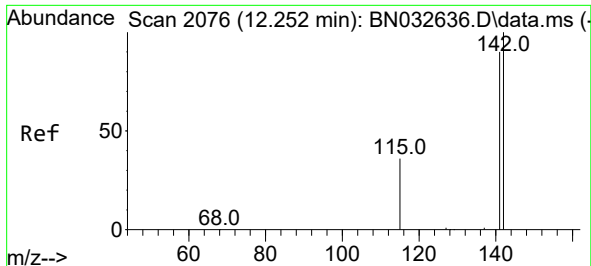
Tgt Ion:142 Resp: 1105

Ion Ratio Lower Upper

142 100

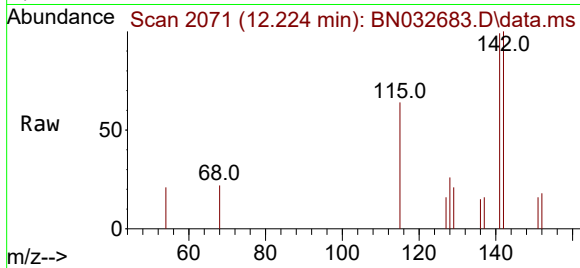
141 89.5 74.0 111.0



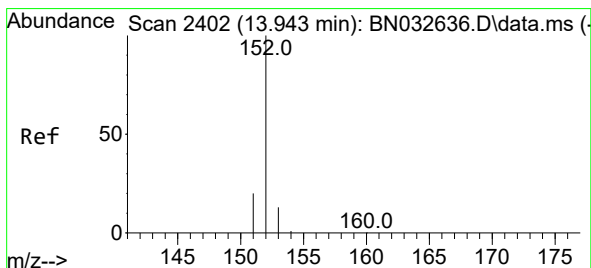
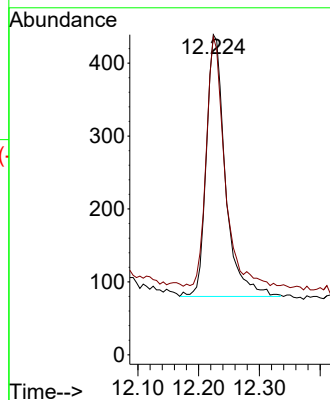
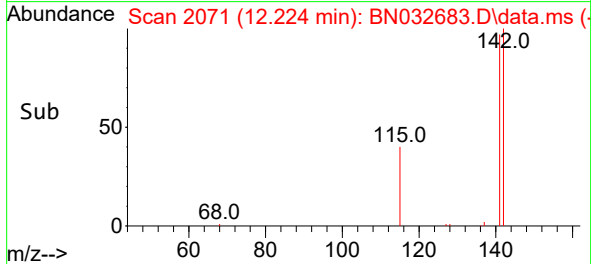


#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.224 min Scan# 2076
Delta R.T. -0.022 min
Lab File: BN032683.D
Acq: 12 Jul 2024 21:36

Instrument :
BNA_N
ClientSampleId :

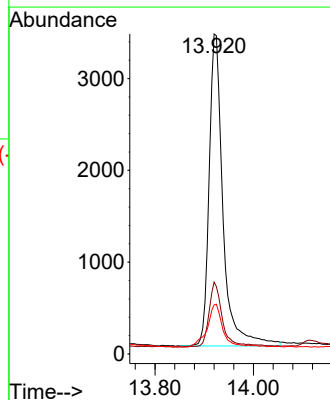
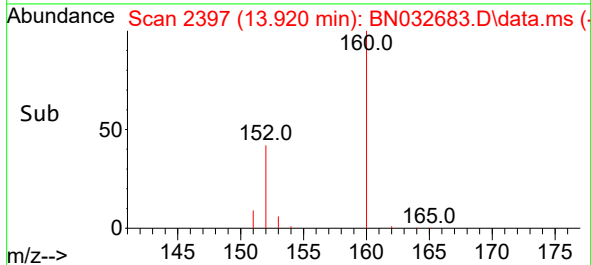
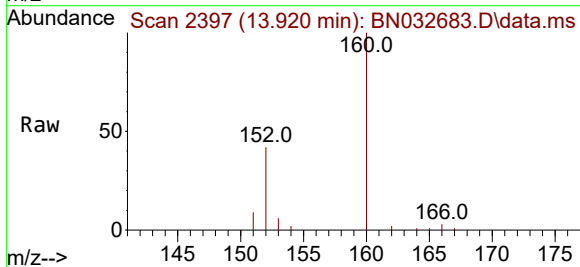


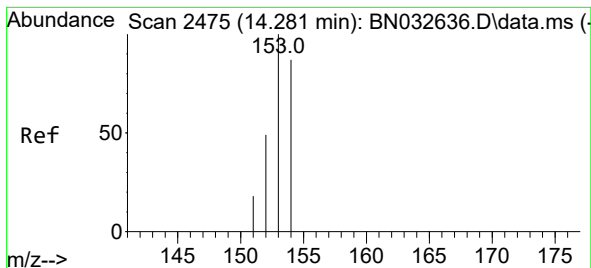
Tgt Ion:142 Resp: 778
Ion Ratio Lower Upper
142 100
141 91.9 75.0 112.4



#10
Acenaphthylene
Concen: 0.197 ng/ul
RT: 13.920 min Scan# 2397
Delta R.T. -0.023 min
Lab File: BN032683.D
Acq: 12 Jul 2024 21:36

Tgt Ion:152 Resp: 6659
Ion Ratio Lower Upper
152 100
151 22.4 16.3 24.5
153 15.3 11.3 16.9





#11

Acenaphthene

Concen: 0.082 ng/ul

RT: 14.262 min Scan# 2471

Delta R.T. -0.018 min

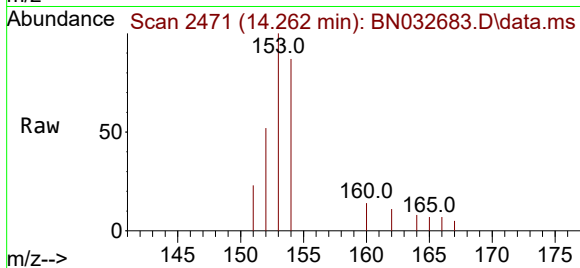
Lab File: BN032683.D

Acq: 12 Jul 2024 21:36

Instrument :

BNA_N

ClientSampleId :



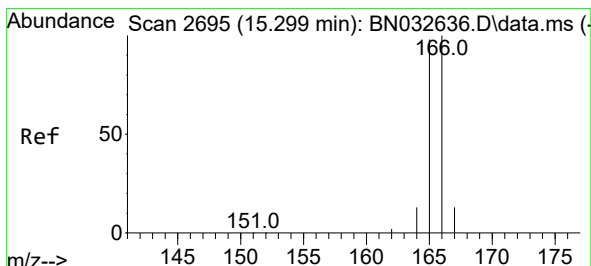
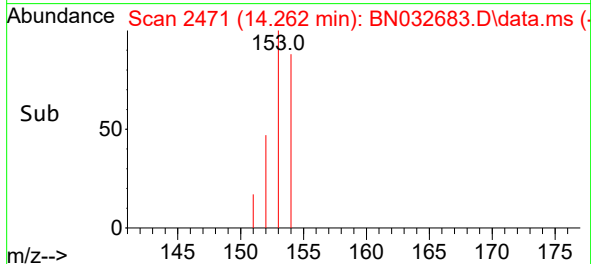
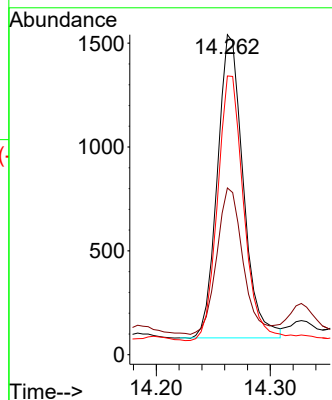
Tgt Ion:153 Resp: 2299

Ion Ratio Lower Upper

153 100

152 52.1 40.0 60.0

154 87.1 70.2 105.4



#12

Fluorene

Concen: 0.084 ng/ul

RT: 15.262 min Scan# 2687

Delta R.T. -0.028 min

Lab File: BN032683.D

Acq: 12 Jul 2024 21:36

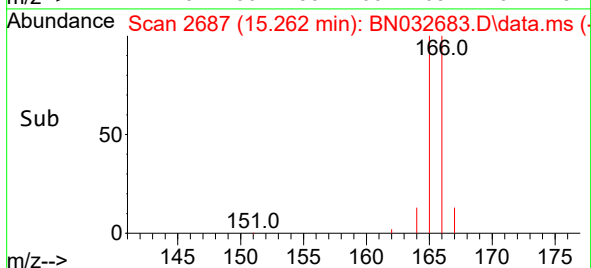
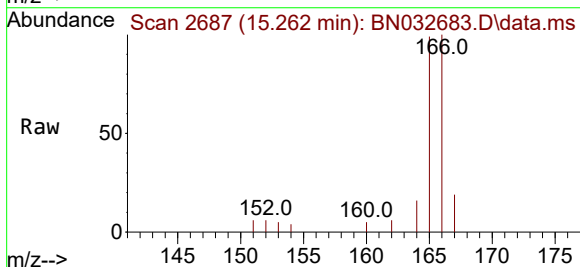
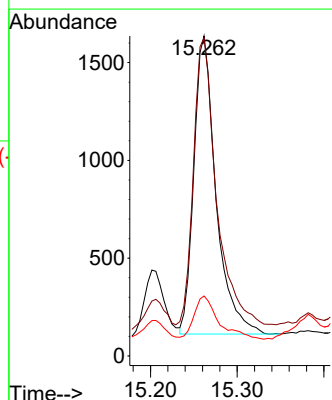
Tgt Ion:166 Resp: 2699

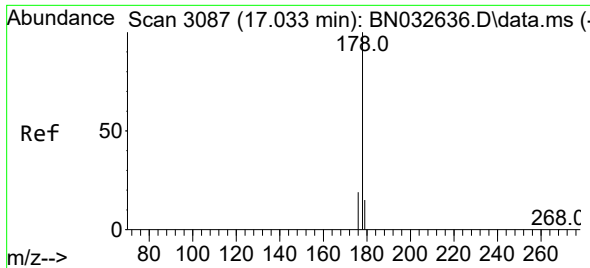
Ion Ratio Lower Upper

166 100

165 99.4 79.7 119.5

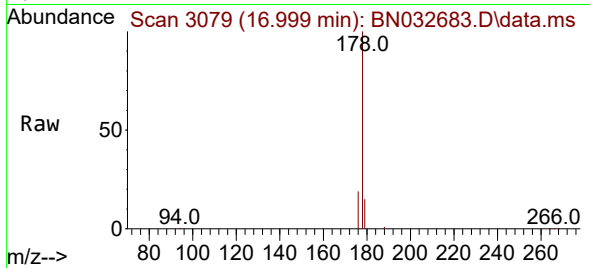
167 18.8 11.4 17.2#



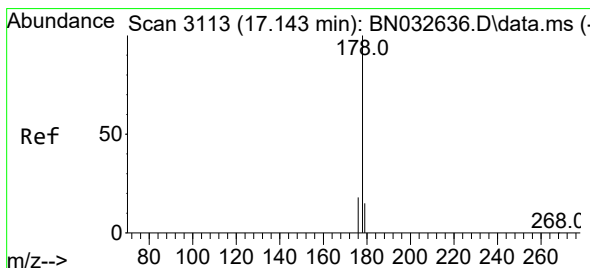
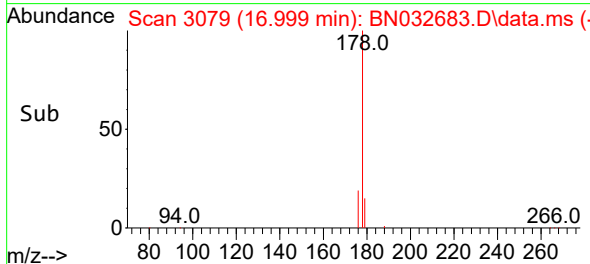
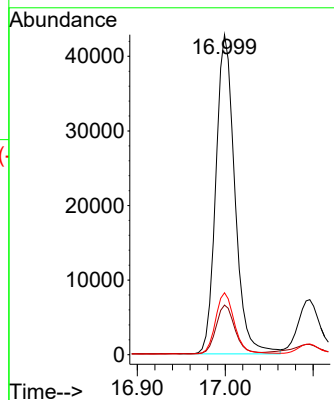


#15
Phenanthrene
Concen: 1.478 ng/ul
RT: 16.999 min Scan# 3102
Delta R.T. -0.029 min
Lab File: BN032683.D
Acq: 12 Jul 2024 21:36

Instrument :
BNA_N
ClientSampleId :

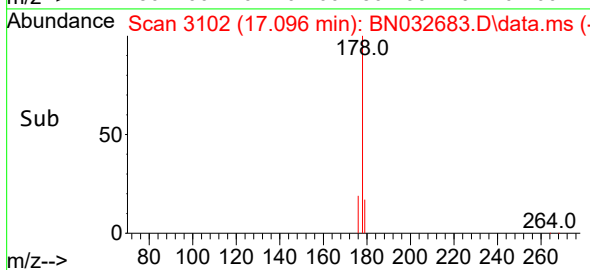
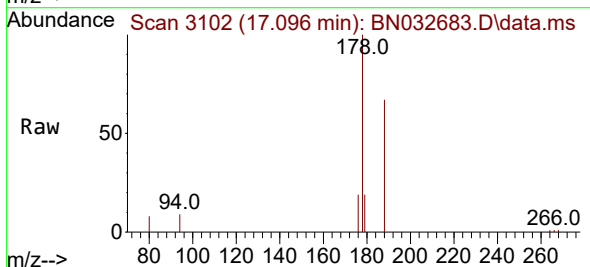
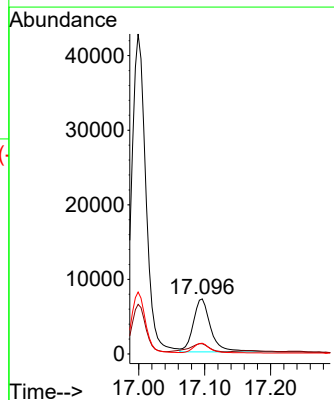


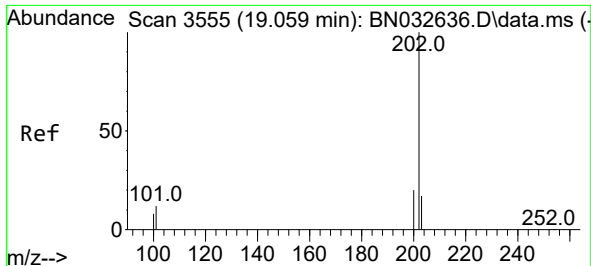
Tgt Ion:178 Resp: 64064
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.373 ng/ul
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032683.D
Acq: 12 Jul 2024 21:36

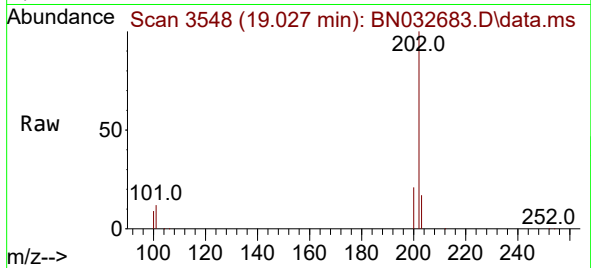
Tgt Ion:178 Resp: 13227
Ion Ratio Lower Upper
178 100
179 18.6 13.4 20.2
176 19.5 15.4 23.0



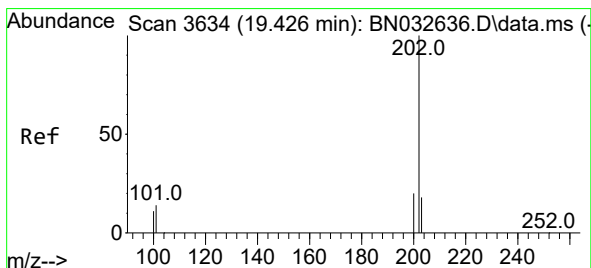
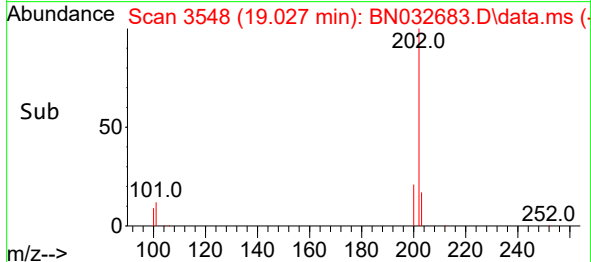
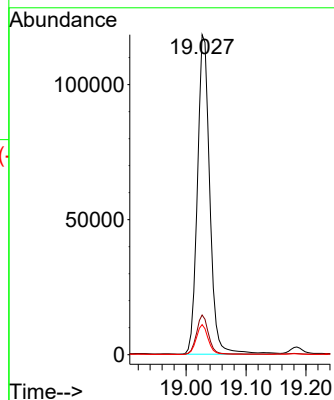


#19
Fluoranthene
Concen: 2.854 ng/ul
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032683.D
Acq: 12 Jul 2024 21:36

Instrument :
BNA_N
ClientSampleId :

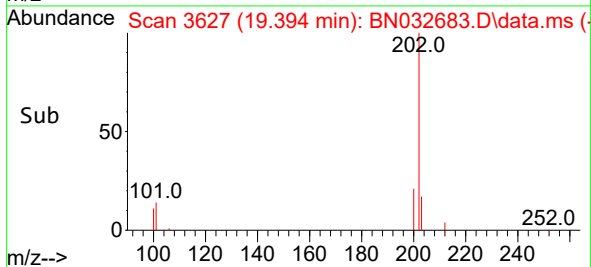
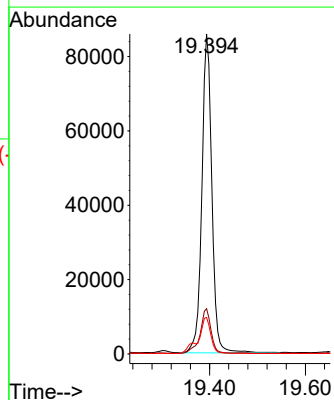
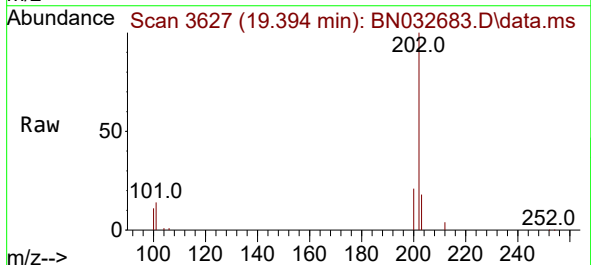


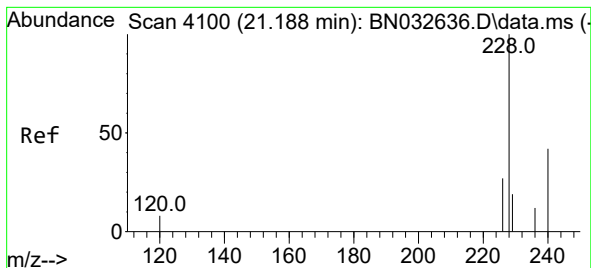
Tgt Ion:202 Resp: 169441
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.8
100 9.4 7.9 11.9



#20
Pyrene
Concen: 2.026 ng/ul
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032683.D
Acq: 12 Jul 2024 21:36

Tgt Ion:202 Resp: 124536
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 11.4 9.6 14.4





#21

Benzo(a)anthracene

Concen: 1.612 ng/ul

RT: 21.153 min Scan# 4106

Delta R.T. -0.029 min

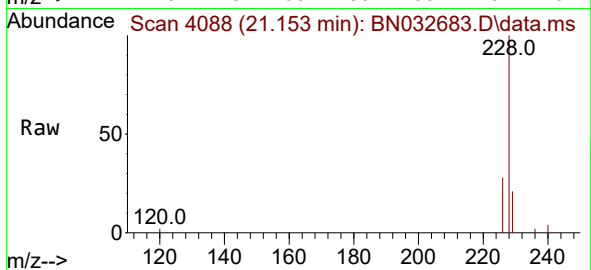
Lab File: BN032683.D

Acq: 12 Jul 2024 21:36

Instrument :

BNA_N

ClientSampleId :



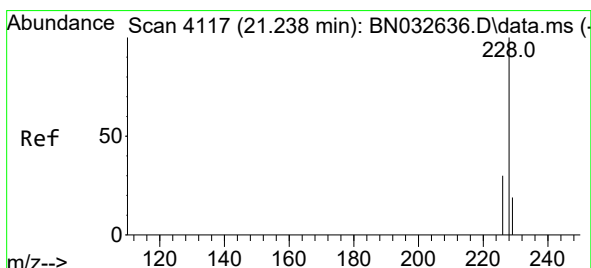
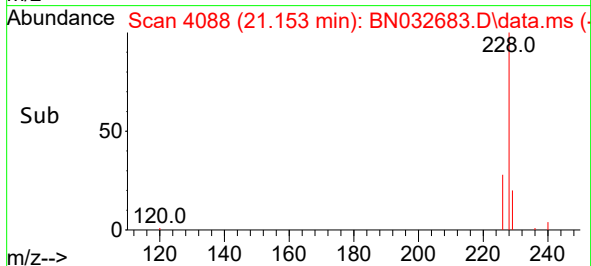
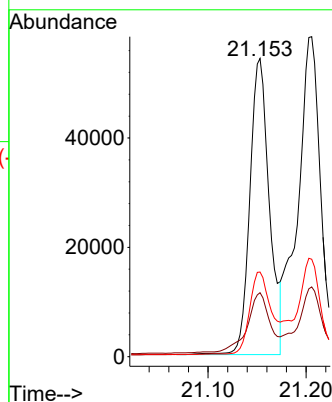
Tgt Ion:228 Resp: 74951

Ion Ratio Lower Upper

228 100

229 21.5 16.1 24.1

226 28.4 21.9 32.9



#22

Chrysene

Concen: 1.410 ng/ul

RT: 21.206 min Scan# 4106

Delta R.T. -0.026 min

Lab File: BN032683.D

Acq: 12 Jul 2024 21:36

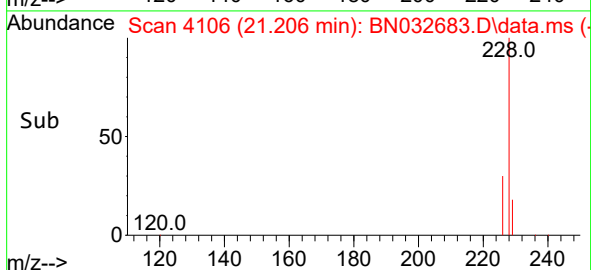
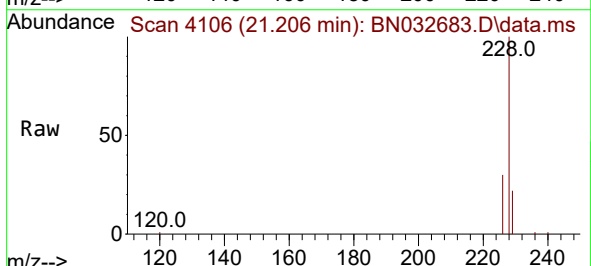
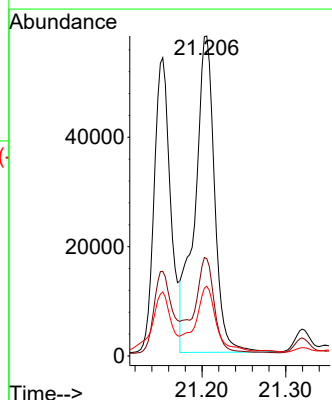
Tgt Ion:228 Resp: 94830

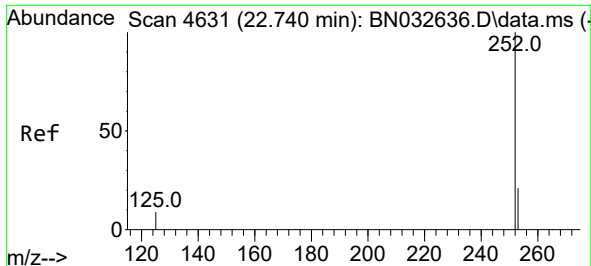
Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

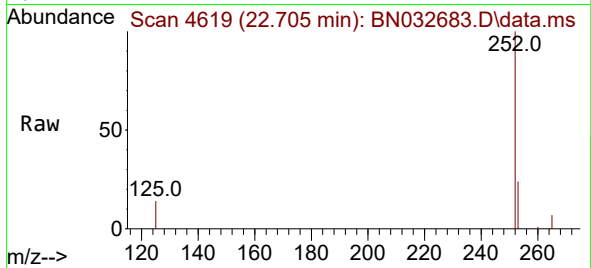
229 21.8 15.8 23.6



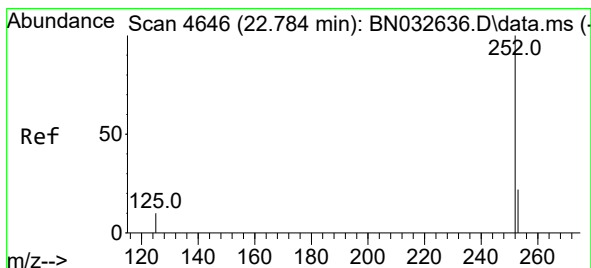
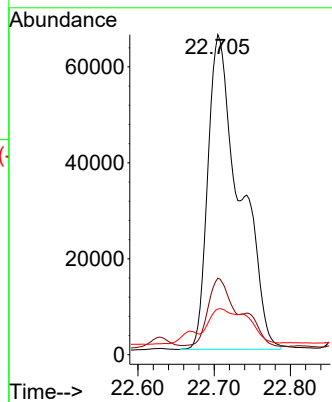
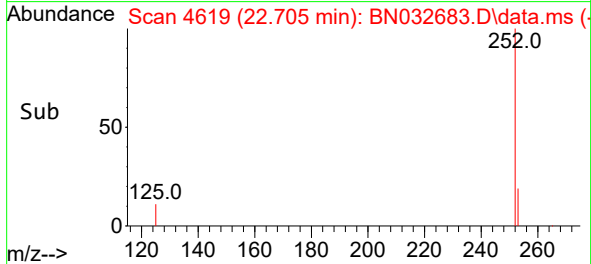


#24
Benzo(b)fluoranthene
Concen: 3.035 ng/ul
RT: 22.705 min Scan# 4619
Delta R.T. -0.029 min
Lab File: BN032683.D
Acq: 12 Jul 2024 21:36

Instrument :
BNA_N
ClientSampleId :

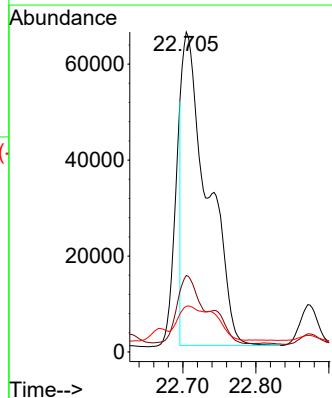
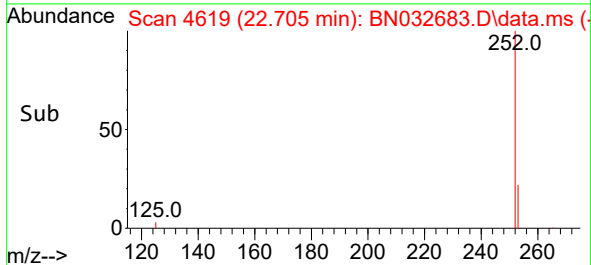
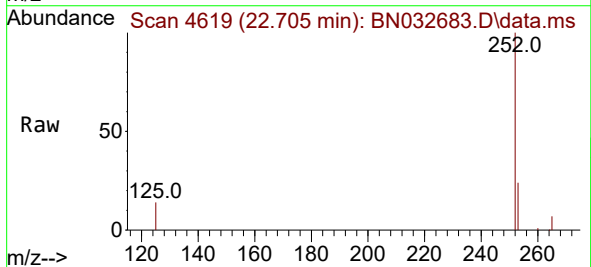


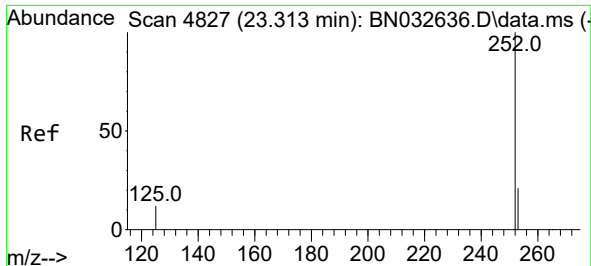
Tgt Ion:252 Resp: 190398
Ion Ratio Lower Upper
252 100
253 23.9 0.0 54.0
125 14.3 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 2.067 ng/ul
RT: 22.705 min Scan# 4619
Delta R.T. -0.073 min
Lab File: BN032683.D
Acq: 12 Jul 2024 21:36

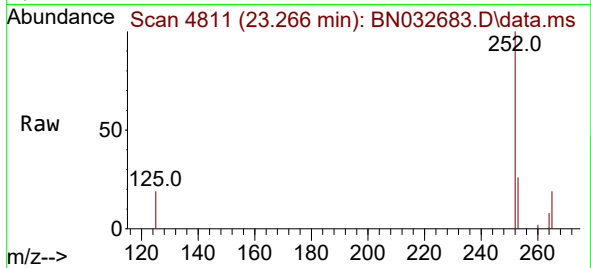
Tgt Ion:252 Resp: 158066
Ion Ratio Lower Upper
252 100
253 23.9 21.2 31.8
125 14.3 14.8 22.2#



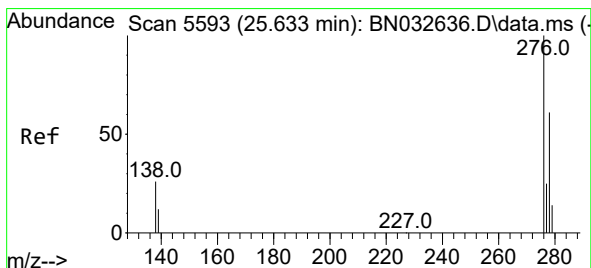
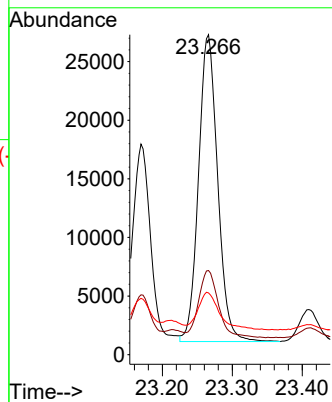
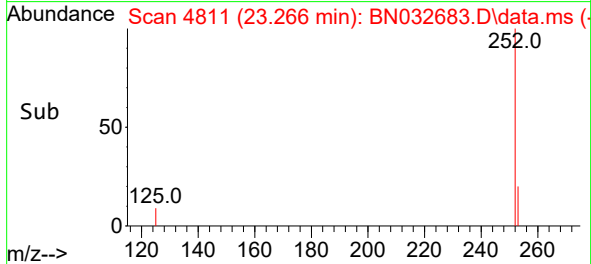


#26
Benzo(a)pyrene
Concen: 0.915 ng/ul
RT: 23.266 min Scan# 4811
Delta R.T. -0.044 min
Lab File: BN032683.D
Acq: 12 Jul 2024 21:36

Instrument :
BNA_N
ClientSampleId :

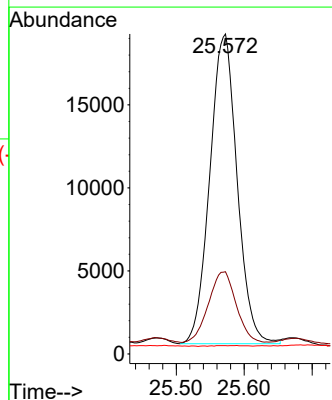
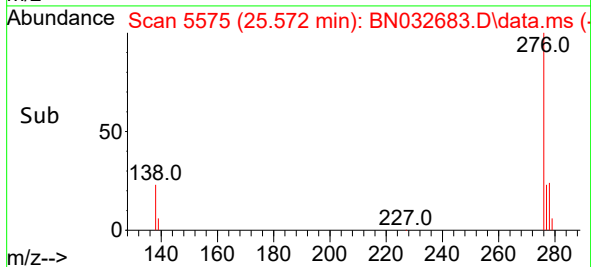
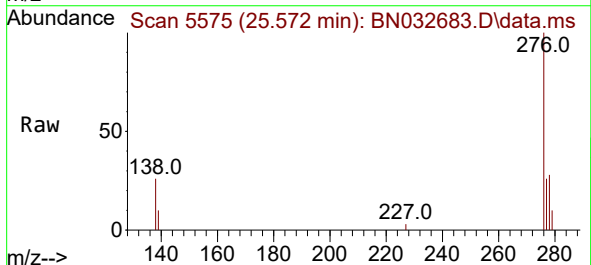


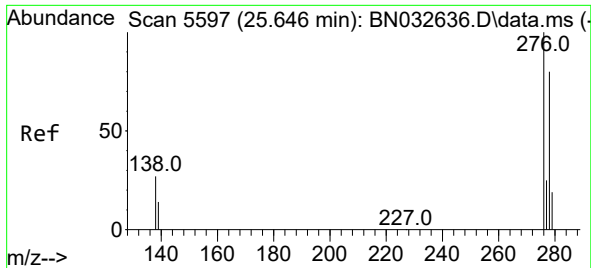
Tgt Ion:252 Resp: 49693
Ion Ratio Lower Upper
252 100
253 26.3 25.4 38.0
125 19.3 20.6 30.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.709 ng/ul
RT: 25.572 min Scan# 5575
Delta R.T. -0.054 min
Lab File: BN032683.D
Acq: 12 Jul 2024 21:36

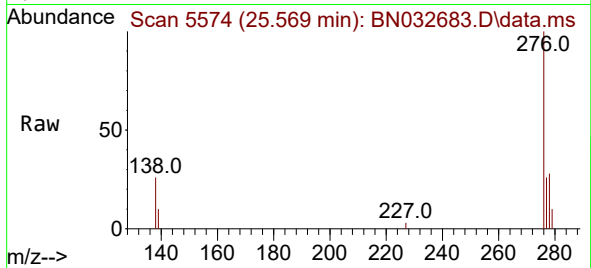
Tgt Ion:276 Resp: 52139
Ion Ratio Lower Upper
276 100
138 23.8 21.6 32.4
227 0.1 0.0 0.0#



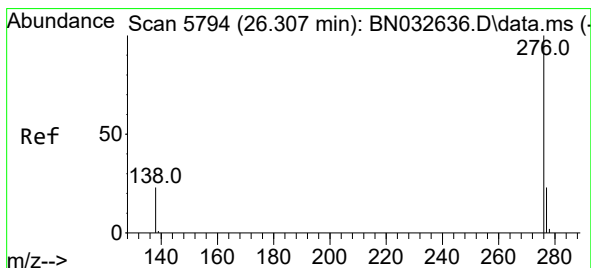
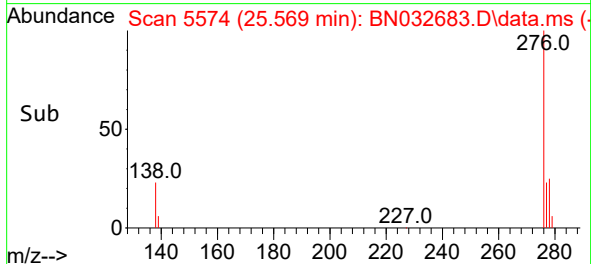
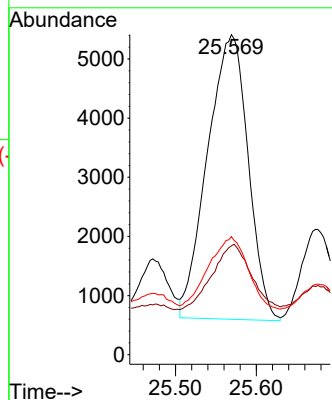


#28
Dibenzo(a,h)anthracene
Concen: 0.295 ng/ul
RT: 25.569 min Scan# 51
Delta R.T. -0.070 min
Lab File: BN032683.D
Acq: 12 Jul 2024 21:36

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 16792
Ion Ratio Lower Upper
278 100
139 34.0 16.6 24.8#
279 36.9 23.7 35.5#



#29
Benzo(g,h,i)perylene
Concen: 0.127 ng/ul
RT: 26.250 min Scan# 5777
Delta R.T. -0.050 min
Lab File: BN032683.D
Acq: 12 Jul 2024 21:36

Tgt Ion:276 Resp: 7825
Ion Ratio Lower Upper
276 100
138 40.3 21.0 31.4#
277 40.2 20.6 31.0#

