

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032651.D
 Acq On : 12 Jul 2024 00:22
 Operator : MA/JU
 Sample : P3035-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX7

Quant Time: Jul 12 01:57:18 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)

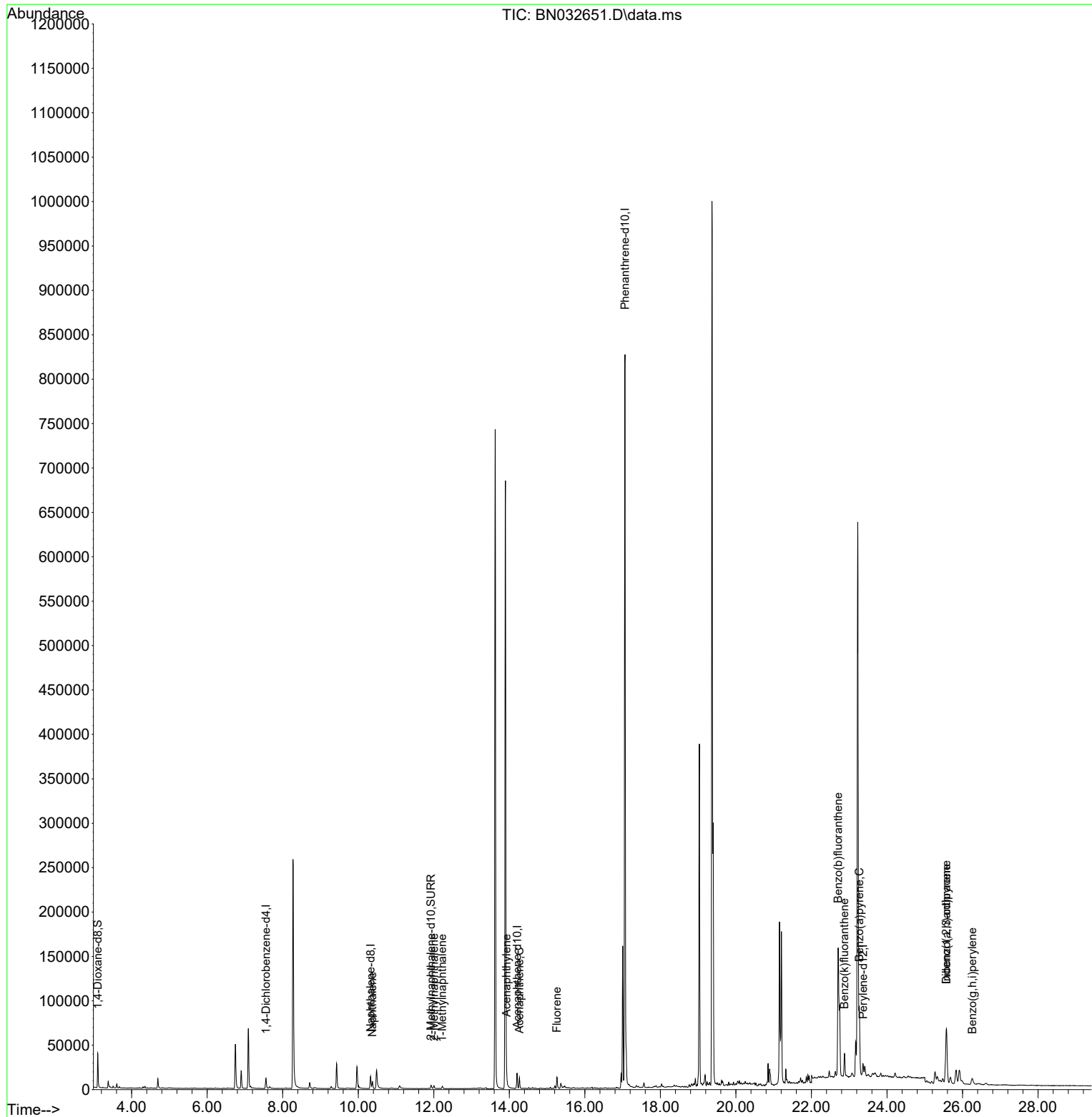
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	6557	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	19548	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	10165	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.062	188	986927	0.400	ng/ul	0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.19
23) Perylene-d12	23.365	264	23744	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	25360	3.221	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	6521	0.221	ng/ul	-0.04
18) Fluoranthene-d10	19.003	212	12597	0.000	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	10829	0.206	ng/ul	99
7) 2-Methylnaphthalene	12.004	142	3005	0.092	ng/ul	97
8) 1-Methylnaphthalene	12.224	142	2222	0.066	ng/ul	100
10) Acenaphthylene	13.925	152	15489	0.377	ng/ul	99
11) Acenaphthene	14.267	153	7406	0.218	ng/ul	100
12) Fluorene	15.262	166	8861	0.228	ng/ul	99
24) Benzo(b)fluoranthene	22.708	252	323755	3.864	ng/ul	93
25) Benzo(k)fluoranthene	22.874	252	32470	0.318	ng/ul#	80
26) Benzo(a)pyrene	23.266	252	99552	1.373	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.572	276	93345	0.951	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.572	278	31345	0.412	ng/ul#	84
29) Benzo(g,h,i)perylene	26.257	276	14193	0.173	ng/ul#	76

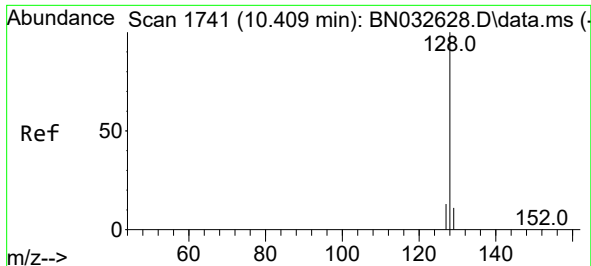
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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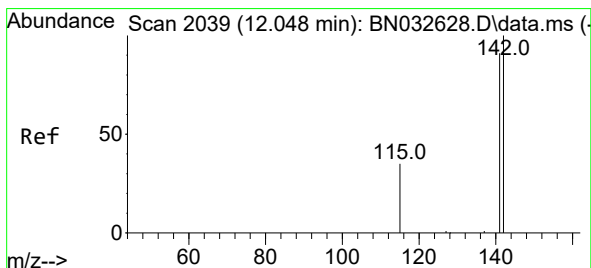
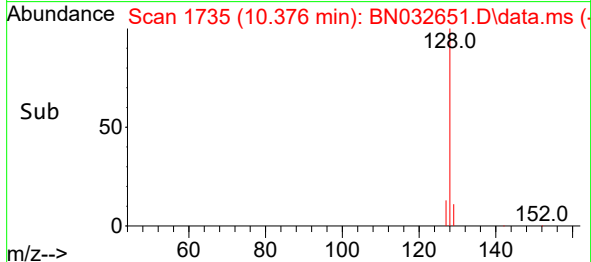
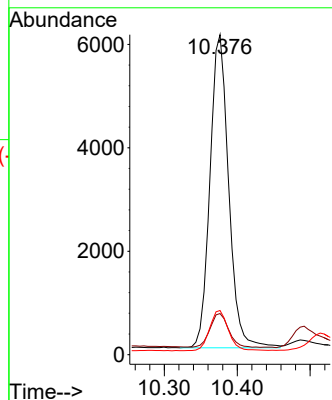
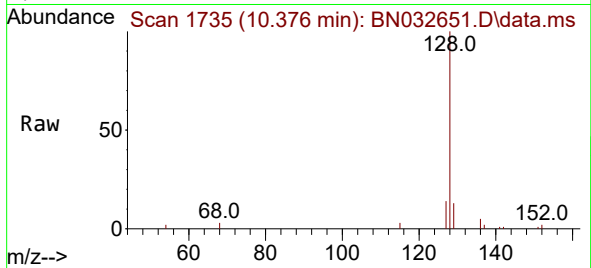




#5
Naphthalene
Concen: 0.206 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

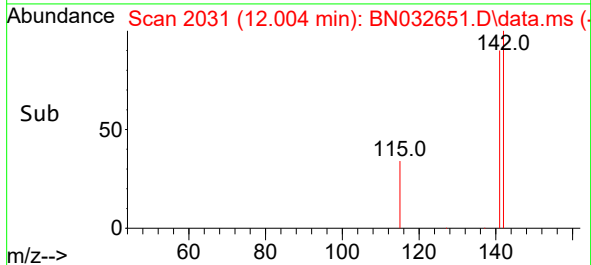
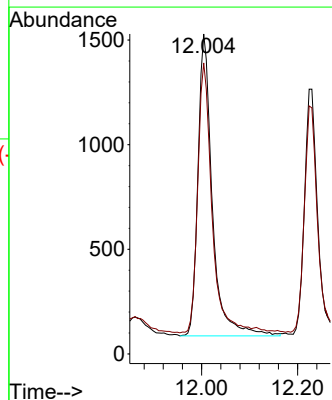
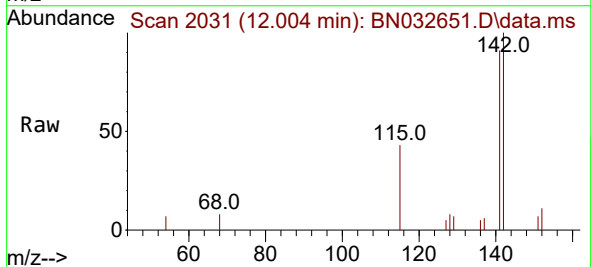
Instrument :
BNA_N
ClientSampleId :
A4CX7

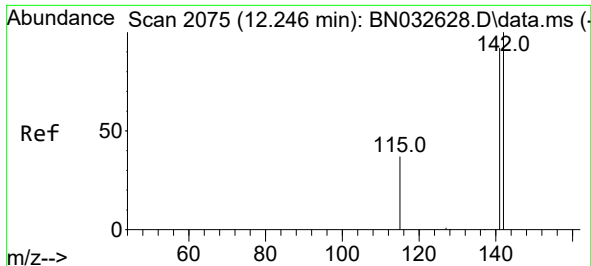
Tgt Ion:128 Resp: 10829
Ion Ratio Lower Upper
128 100
129 12.8 10.0 15.0
127 13.8 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.092 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

Tgt Ion:142 Resp: 3005
Ion Ratio Lower Upper
142 100
141 89.4 74.0 111.0

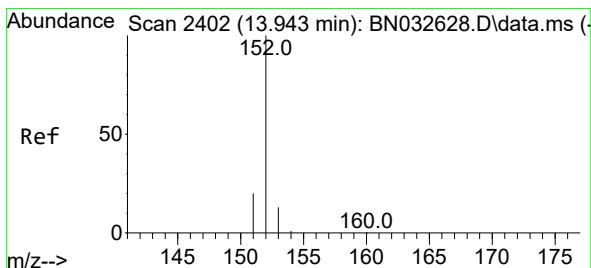
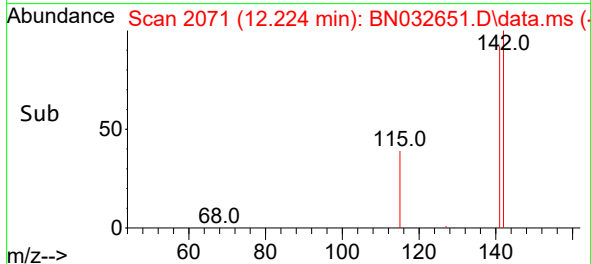
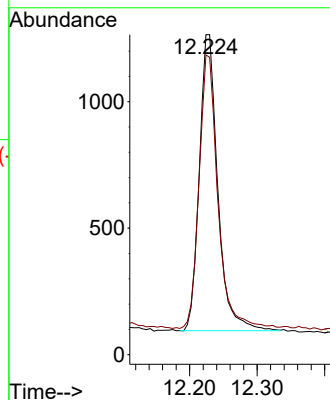
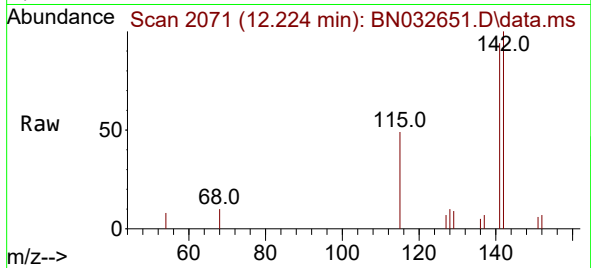




#8
1-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.224 min Scan# 2071
Delta R.T. -0.022 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

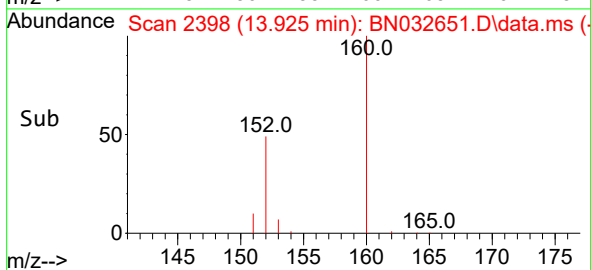
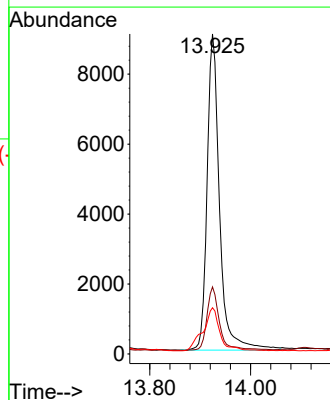
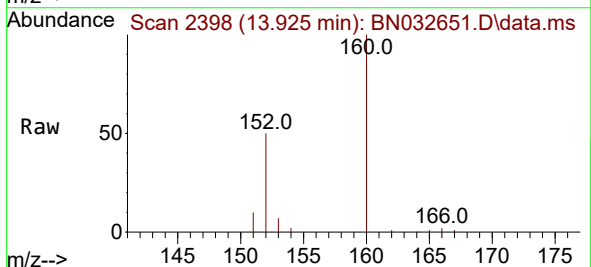
Instrument :
BNA_N
ClientSampleId :
A4CX7

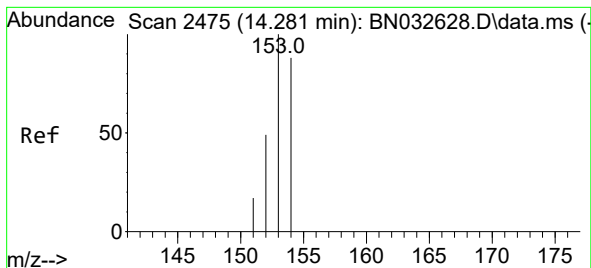
Tgt Ion:142 Resp: 2222
Ion Ratio Lower Upper
142 100
141 93.9 75.0 112.4



#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 13.925 min Scan# 2398
Delta R.T. -0.019 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

Tgt Ion:152 Resp: 15489
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.4 11.3 16.9





#11

Acenaphthene

Concen: 0.218 ng/ul

RT: 14.267 min Scan# 2475

Delta R.T. -0.014 min

Lab File: BN032651.D

Acq: 12 Jul 2024 00:22

Instrument :

BNA_N

ClientSampleId :

A4CX7

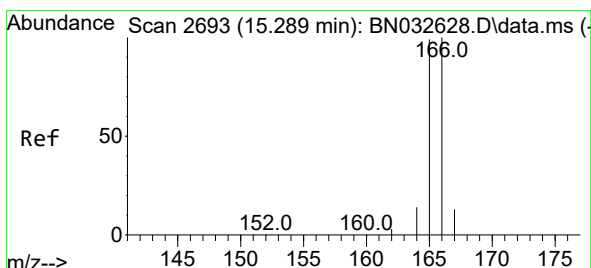
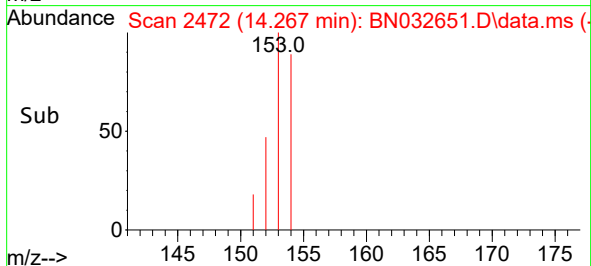
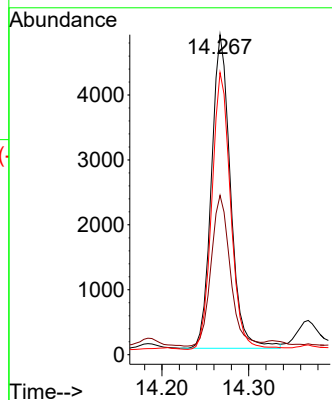
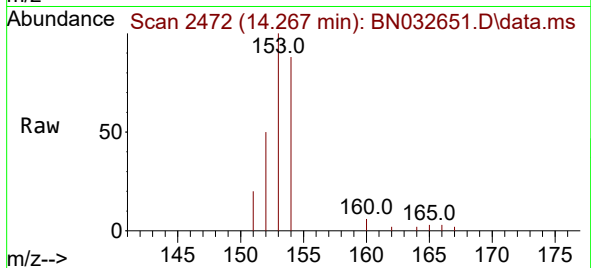
Tgt Ion:153 Resp: 7406

Ion Ratio Lower Upper

153 100

152 49.8 40.0 60.0

154 88.2 70.2 105.4



#12

Fluorene

Concen: 0.228 ng/ul

RT: 15.262 min Scan# 2687

Delta R.T. -0.028 min

Lab File: BN032651.D

Acq: 12 Jul 2024 00:22

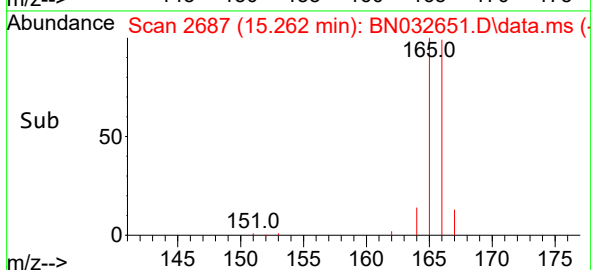
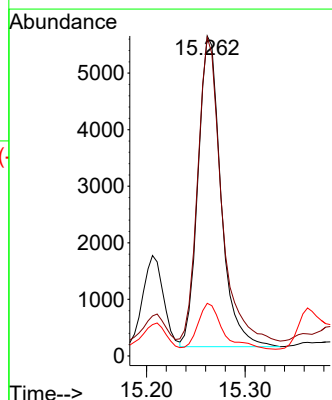
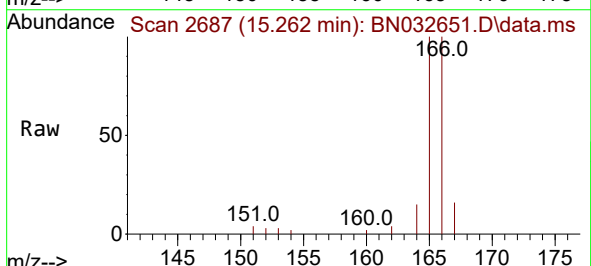
Tgt Ion:166 Resp: 8861

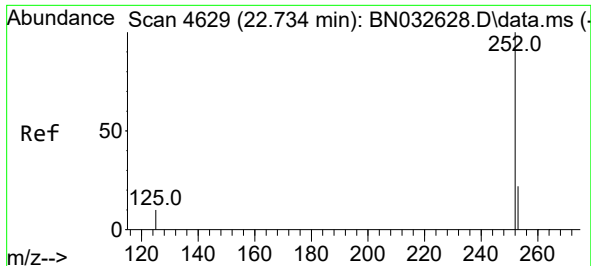
Ion Ratio Lower Upper

166 100

165 99.6 79.7 119.5

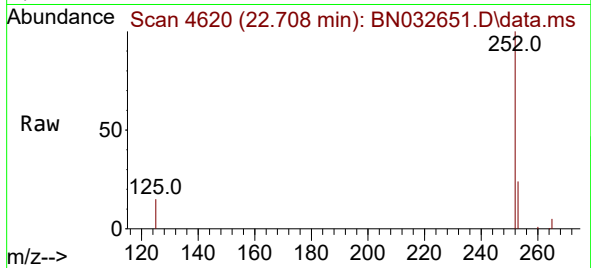
167 16.4 11.4 17.2



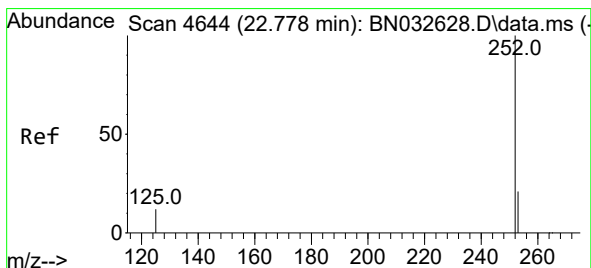
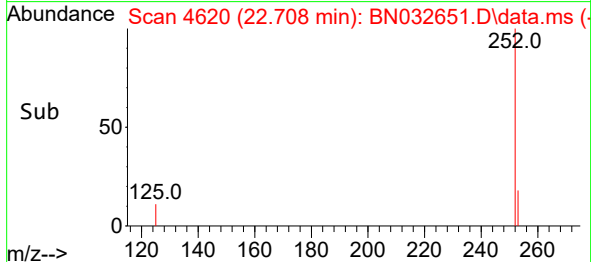
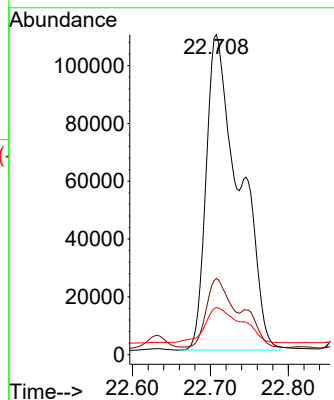


#24
Benzo(b)fluoranthene
Concen: 3.864 ng/ul
RT: 22.708 min Scan# 4620
Delta R.T. -0.026 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

Instrument :
BNA_N
ClientSampleId :
A4CX7

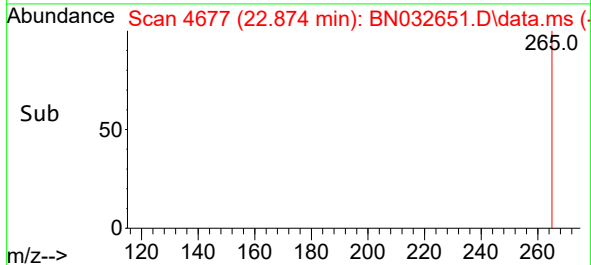
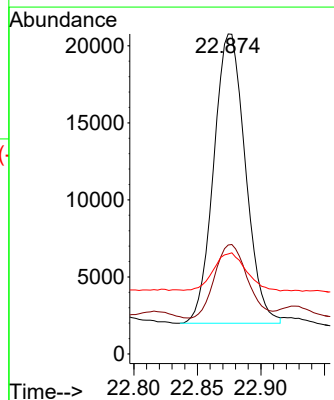
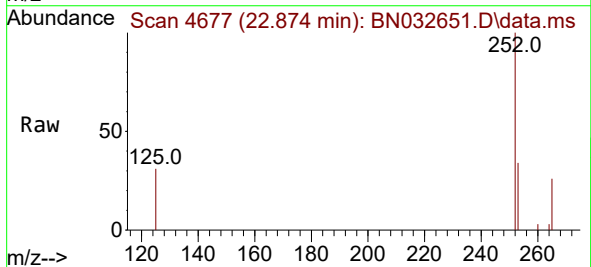


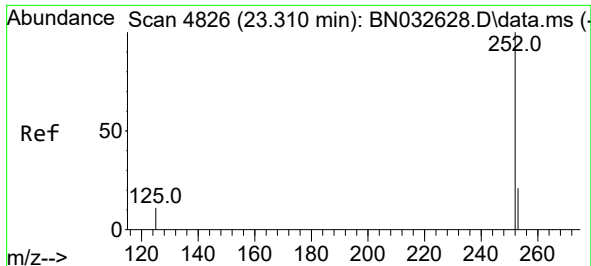
Tgt Ion:252 Resp: 323755
Ion Ratio Lower Upper
252 100
253 23.8 0.0 54.0
125 14.7 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.318 ng/ul
RT: 22.874 min Scan# 4677
Delta R.T. 0.096 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

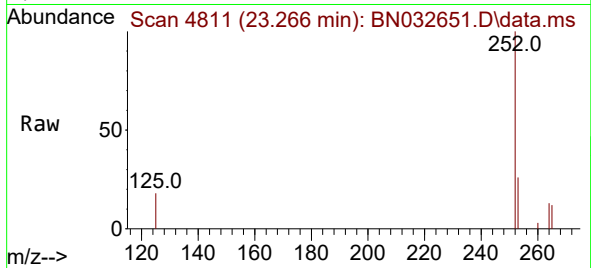
Tgt Ion:252 Resp: 32470
Ion Ratio Lower Upper
252 100
253 34.0 21.2 31.8#
125 31.3 14.8 22.2#



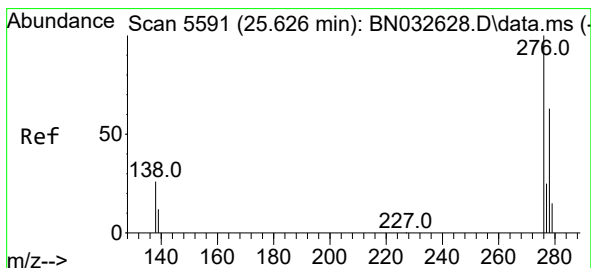
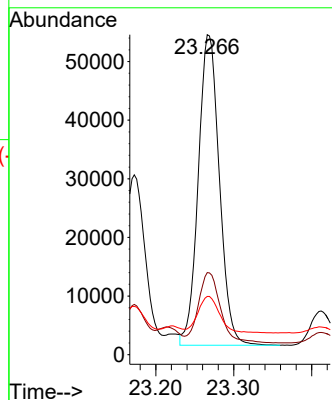


#26
Benzo(a)pyrene
Concen: 1.373 ng/ul
RT: 23.266 min Scan# 4811
Delta R.T. -0.044 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

Instrument :
BNA_N
ClientSampleId :
A4CX7

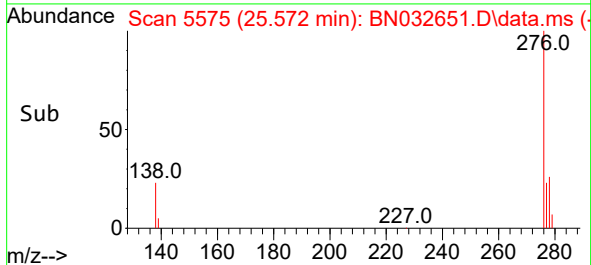
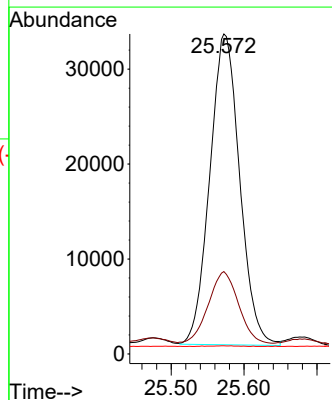
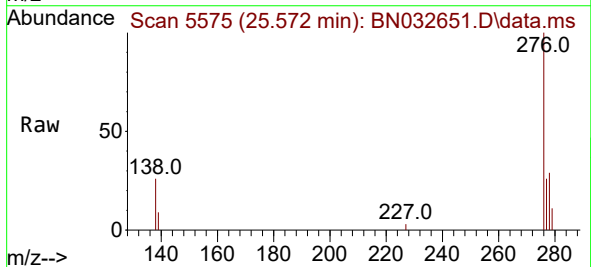


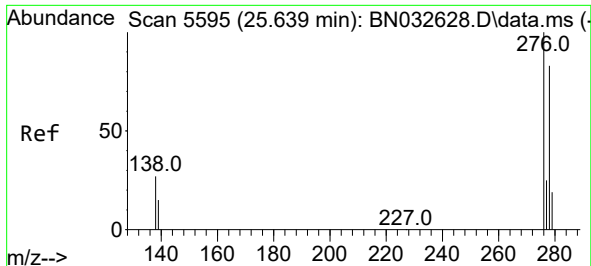
Tgt Ion:252 Resp: 99552
Ion Ratio Lower Upper
252 100
253 25.7 25.4 38.0
125 18.2 20.6 30.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.951 ng/ul
RT: 25.572 min Scan# 5575
Delta R.T. -0.054 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

Tgt Ion:276 Resp: 93345
Ion Ratio Lower Upper
276 100
138 23.2 21.6 32.4
227 0.2 0.0 0.0#

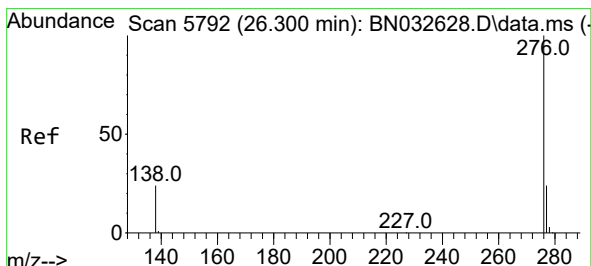
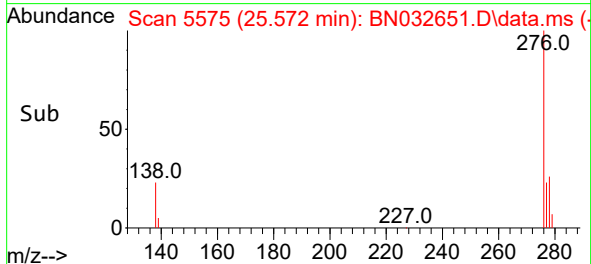
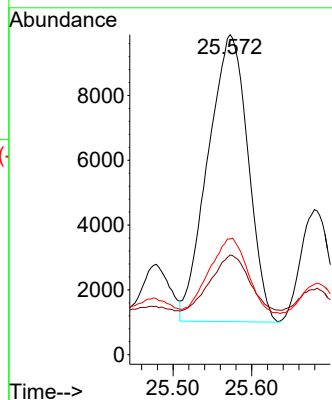
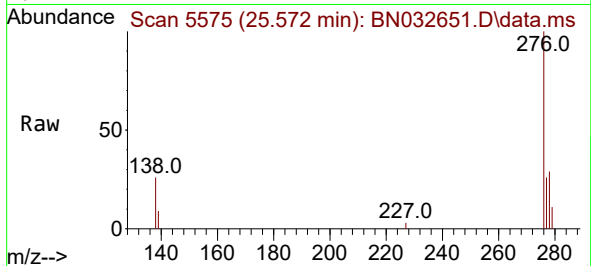




#28
Dibenzo(a,h)anthracene
Concen: 0.412 ng/ul
RT: 25.572 min Scan# 51
Delta R.T. -0.067 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

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Tgt Ion:278 Resp: 31345
Ion Ratio Lower Upper
278 100
139 31.1 16.6 24.8#
279 36.2 23.7 35.5#



#29
Benzo(g,h,i)perylene
Concen: 0.173 ng/ul
RT: 26.257 min Scan# 5779
Delta R.T. -0.044 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

Tgt Ion:276 Resp: 14193
Ion Ratio Lower Upper
276 100
138 38.9 21.0 31.4#
277 37.8 20.6 31.0#

