

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032471.D
 Acq On : 04 Jul 2024 12:45
 Operator : MA/JU
 Sample : P2964-18
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT7

Quant Time: Jul 04 23:06:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

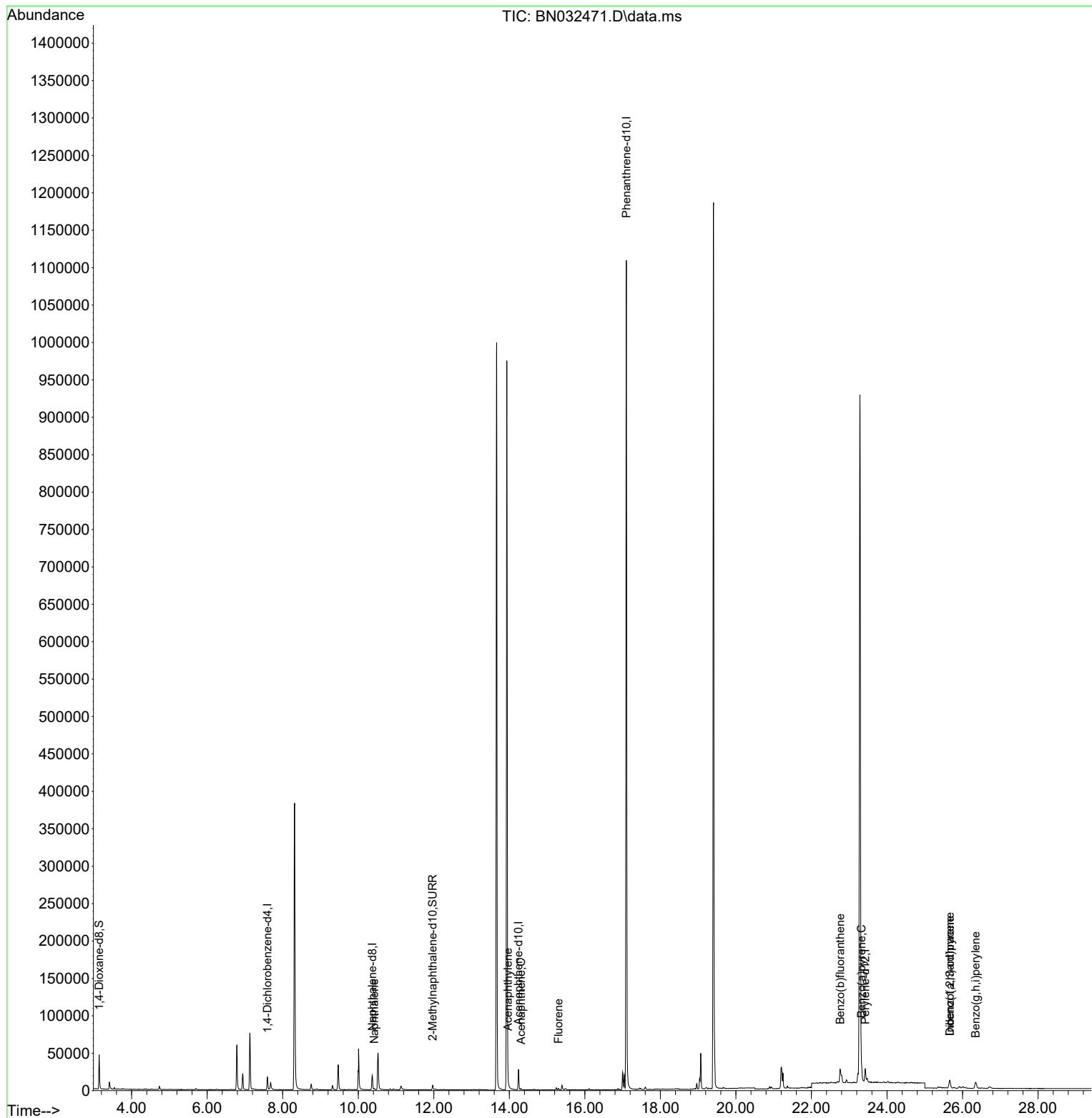
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	8849	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	27418	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	15533	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.100	188	1314946	0.400	ng/ul	0.09
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.21
23) Perylene-d12	23.424	264	26577	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	30997	3.151	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	9499	0.231	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	16278	0.000	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.420	128	2349	0.032	ng/ul#	86
10) Acenaphthylene	13.966	152	3219	0.050	ng/ul#	88
11) Acenaphthene	14.308	153	1048	0.021	ng/ul	96
12) Fluorene	15.303	166	1490	0.025	ng/ul#	95
24) Benzo(b)fluoranthene	22.760	252	42532	0.368	ng/ul	83
26) Benzo(a)pyrene	23.327	252	23276	0.290	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.663	276	18128	0.144	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.666	278	4220	0.045	ng/ul#	15
29) Benzo(g,h,i)perylene	26.350	276	18126	0.181	ng/ul#	89

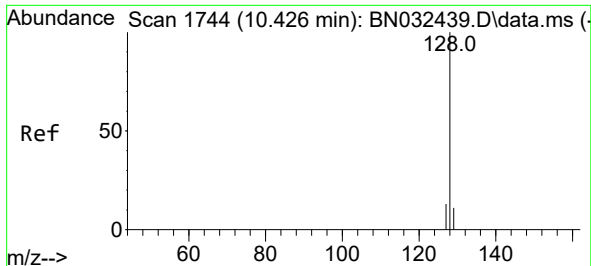
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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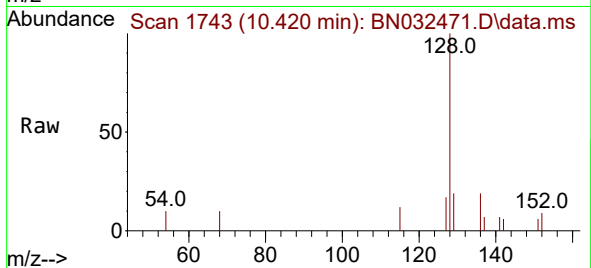
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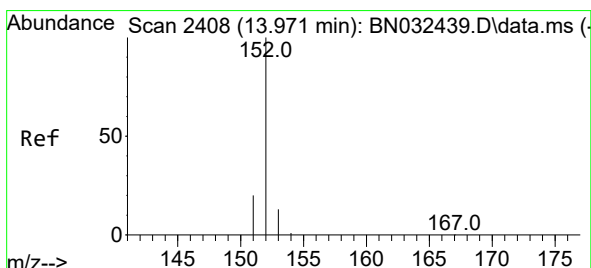
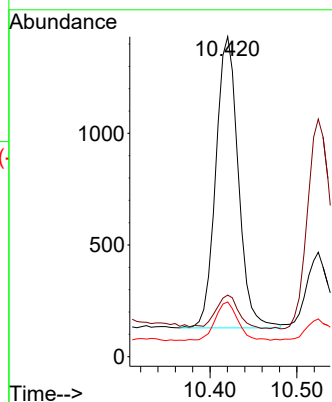
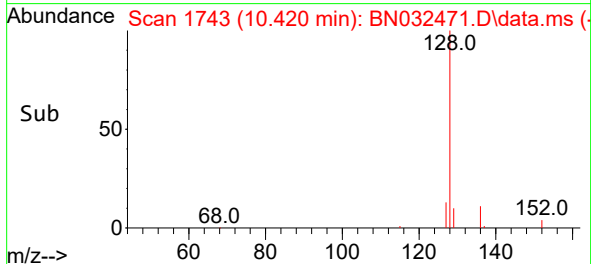


#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.420 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

Instrument :
BNA_N
ClientSampleId :
A4CT7

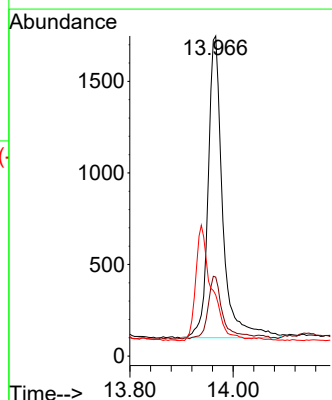
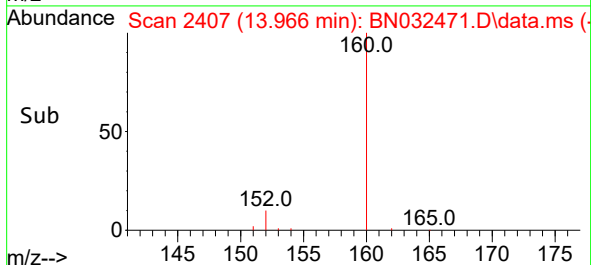
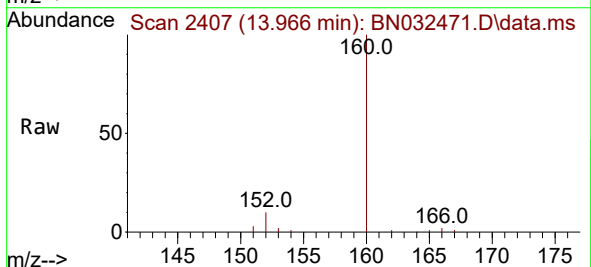


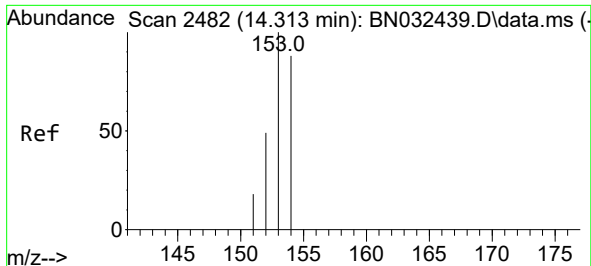
Tgt Ion:128 Resp: 2349
Ion Ratio Lower Upper
128 100
129 19.3 9.2 13.8#
127 17.1 10.8 16.2#



#10
Acenaphthylene
Concen: 0.050 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

Tgt Ion:152 Resp: 3219
Ion Ratio Lower Upper
152 100
151 24.7 15.7 23.5#
153 19.1 10.9 16.3#

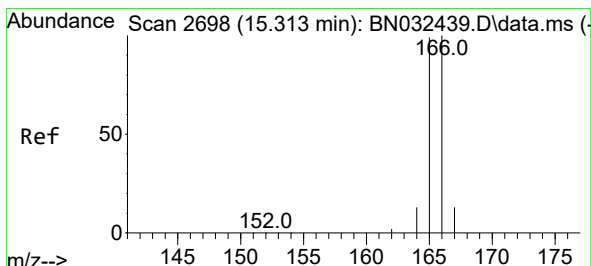
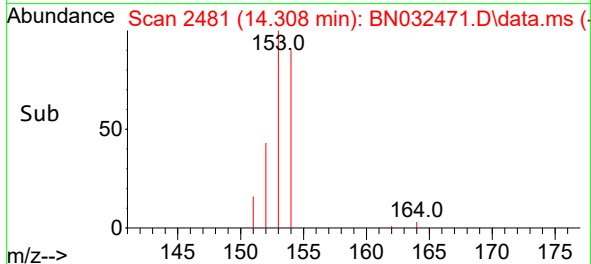
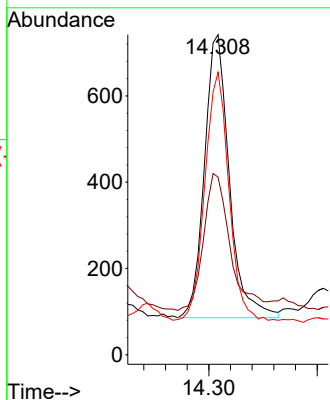
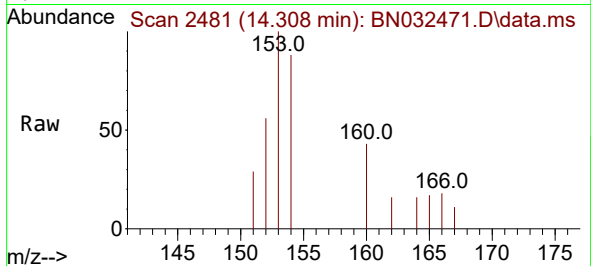




#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.308 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

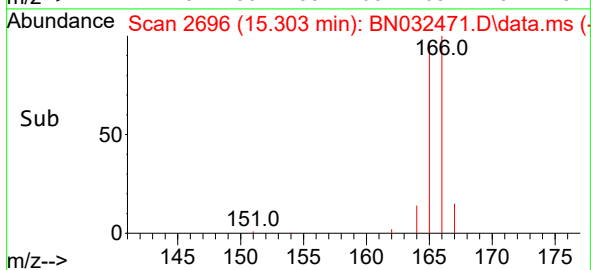
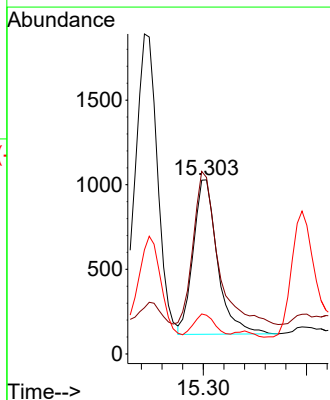
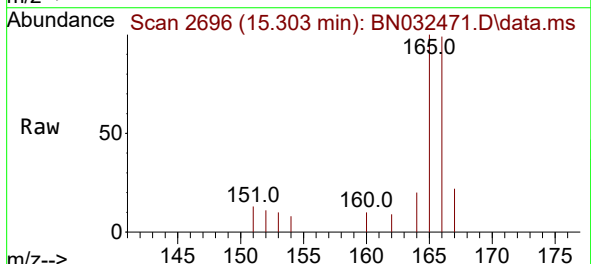
Instrument :
BNA_N
ClientSampleId :
A4CT7

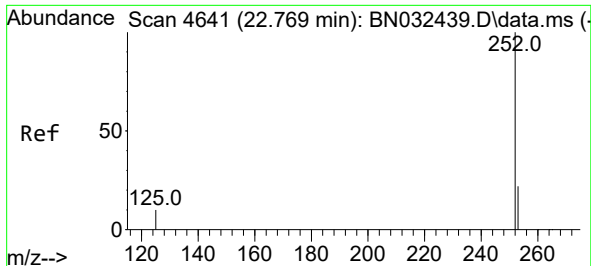
Tgt Ion:153 Resp: 1048
Ion Ratio Lower Upper
153 100
152 55.5 39.5 59.3
154 88.3 71.7 107.5



#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

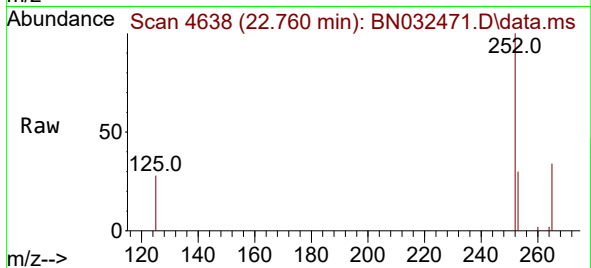
Tgt Ion:166 Resp: 1490
Ion Ratio Lower Upper
166 100
165 101.4 79.0 118.6
167 22.3 11.0 16.6#



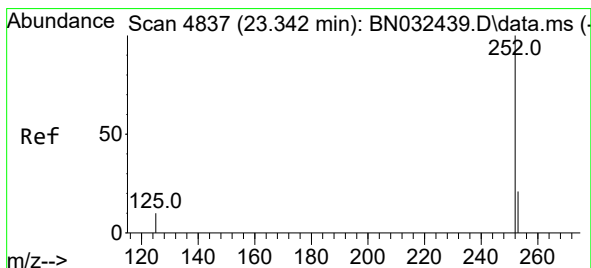
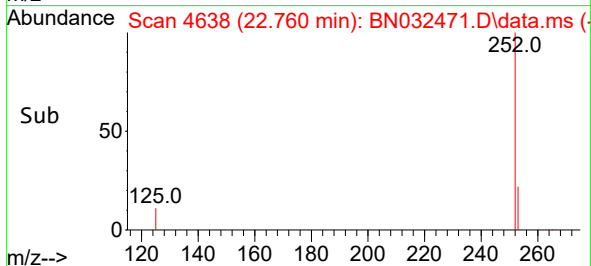
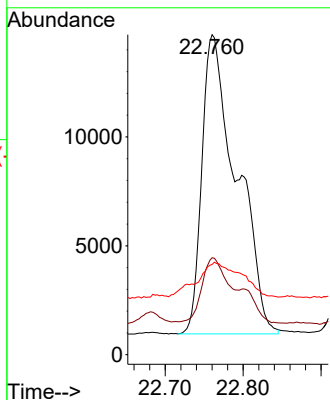


#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 22.760 min Scan# 4638
Delta R.T. 0.003 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

Instrument :
BNA_N
ClientSampleId :
A4CT7

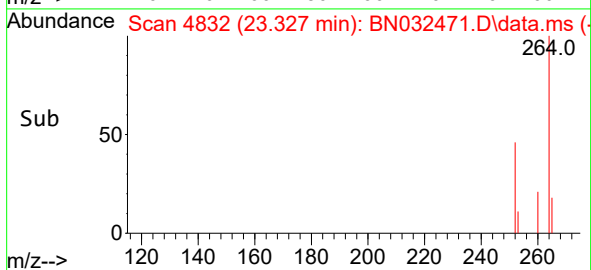
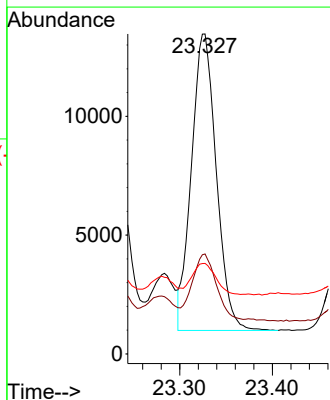
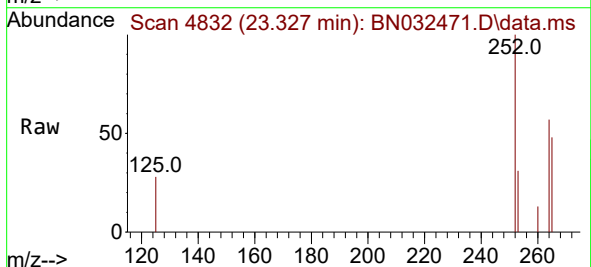


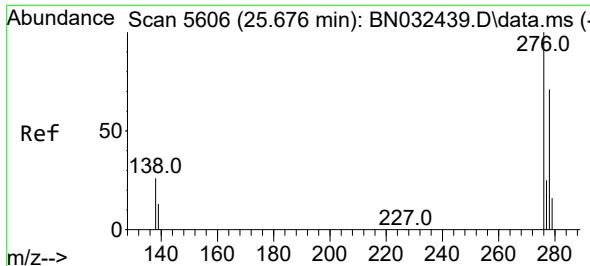
Tgt Ion:252 Resp: 42532
Ion Ratio Lower Upper
252 100
253 30.3 0.0 50.2
125 28.2 0.0 32.0



#26
Benzo(a)pyrene
Concen: 0.290 ng/ul
RT: 23.327 min Scan# 4832
Delta R.T. -0.000 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

Tgt Ion:252 Resp: 23276
Ion Ratio Lower Upper
252 100
253 31.3 22.2 33.2
125 28.3 16.4 24.6#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.144 ng/ul

RT: 25.663 min Scan# 5602

Delta R.T. 0.003 min

Lab File: BN032471.D

Acq: 04 Jul 2024 12:45

Instrument :

BNA_N

ClientSampleId :

A4CT7

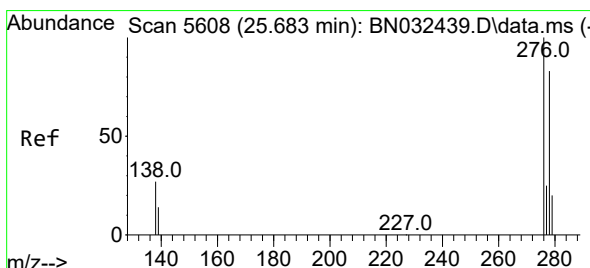
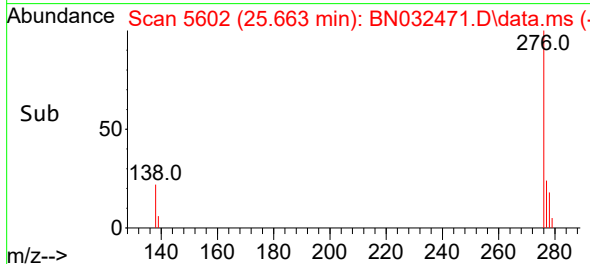
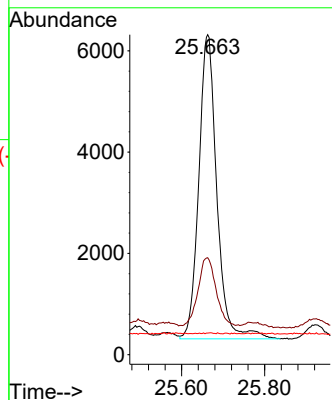
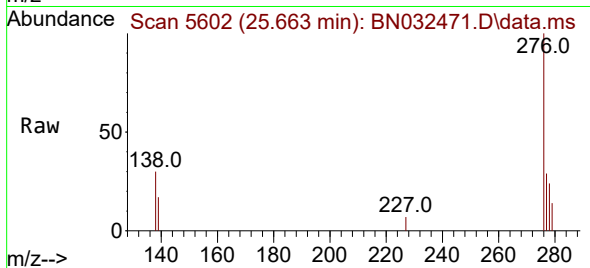
Tgt Ion:276 Resp: 18128

Ion Ratio Lower Upper

276 100

138 22.5 21.3 31.9

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.045 ng/ul

RT: 25.666 min Scan# 5603

Delta R.T. -0.000 min

Lab File: BN032471.D

Acq: 04 Jul 2024 12:45

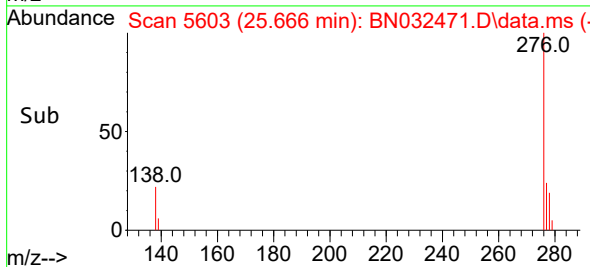
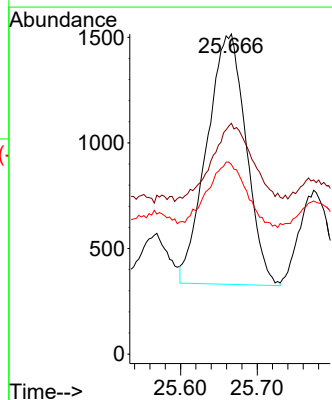
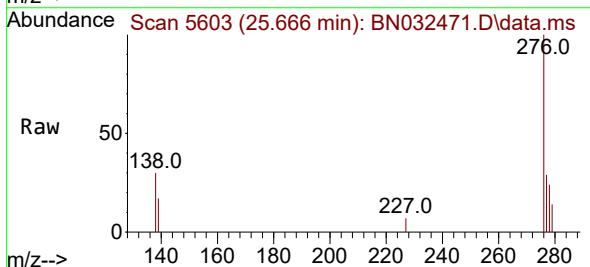
Tgt Ion:278 Resp: 4220

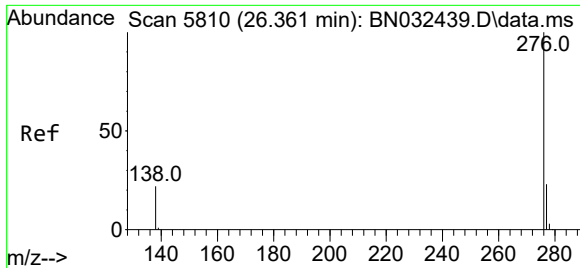
Ion Ratio Lower Upper

278 100

139 72.1 15.9 23.9#

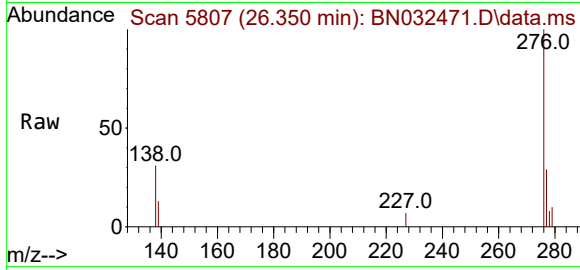
279 59.2 21.1 31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.181 ng/ul
 RT: 26.350 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: BN032471.D
 Acq: 04 Jul 2024 12:45

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:	276	Resp:	18126
Ion Ratio	Lower	Upper	
276	100		
138	30.7	19.8	29.6#
277	29.4	19.8	29.6

