

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032469.D
 Acq On : 04 Jul 2024 11:33
 Operator : MA/JU
 Sample : P2964-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT4

Quant Time: Jul 04 23:05:42 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)

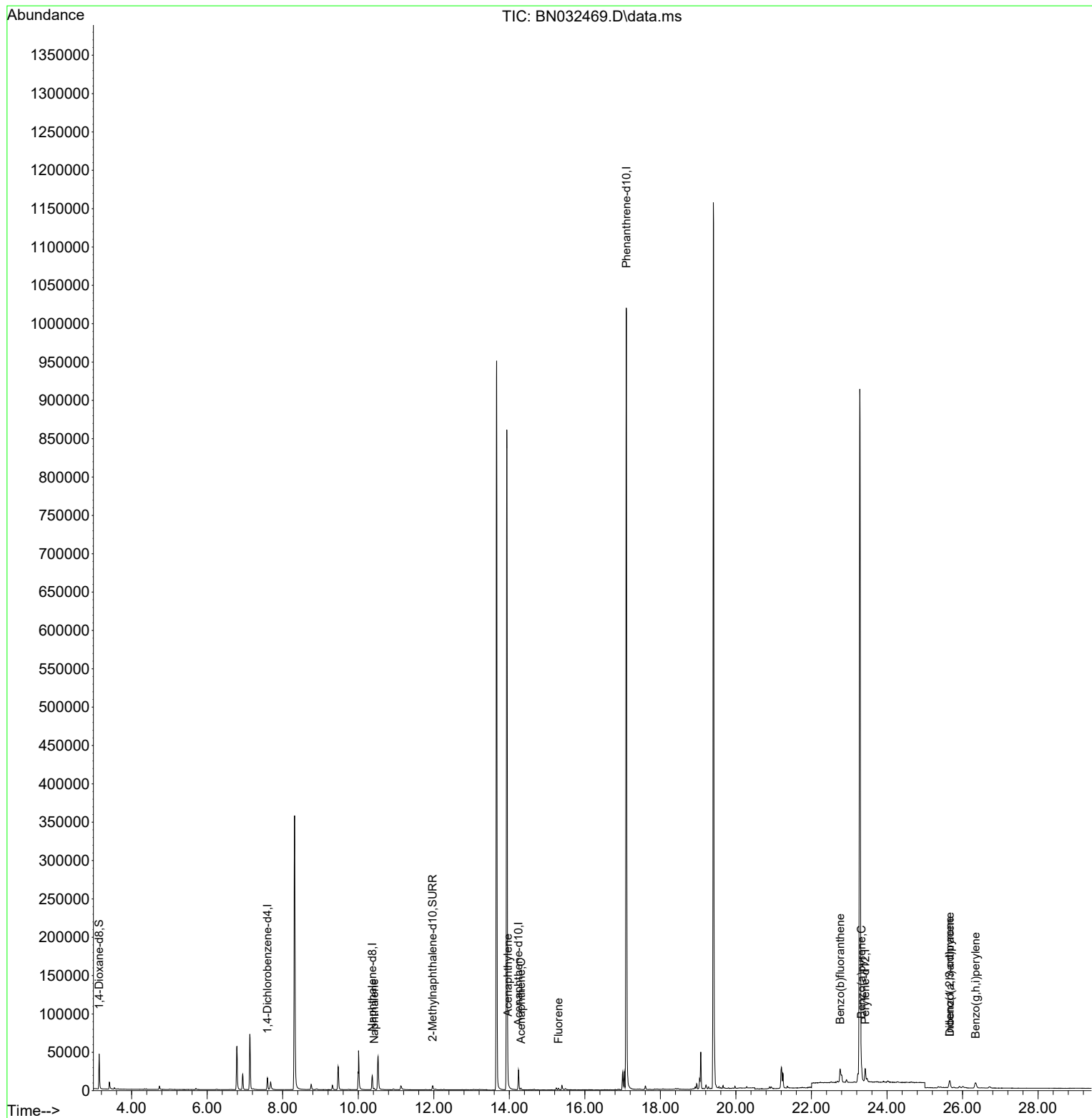
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	8288	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	25734	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	14638	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.101	188	1247048	0.400	ng/ul	0.09
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.21
23) Perylene-d12	23.424	264	25209	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	31231	3.390	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	8466	0.219	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	15462	0.000	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	2052	0.030	ng/ul#	85
10) Acenaphthylene	13.962	152	3275	0.054	ng/ul#	88
11) Acenaphthene	14.309	153	1330	0.028	ng/ul	96
12) Fluorene	15.303	166	1539	0.027	ng/ul#	97
24) Benzo(b)fluoranthene	22.760	252	39839	0.364	ng/ul	82
26) Benzo(a)pyrene	23.325	252	20232	0.266	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.660	276	16154	0.135	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.663	278	3827	0.043	ng/ul#	6
29) Benzo(g,h,i)perylene	26.347	276	16105	0.169	ng/ul#	86

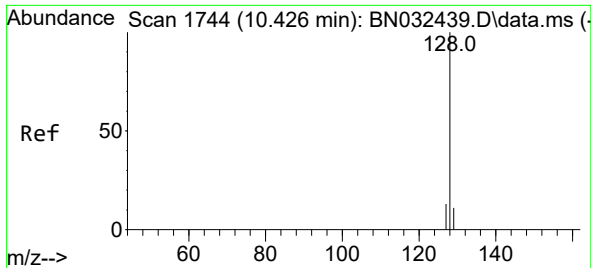
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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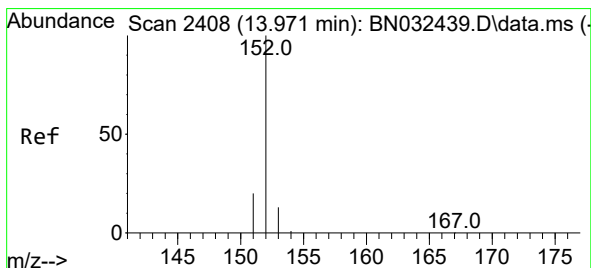
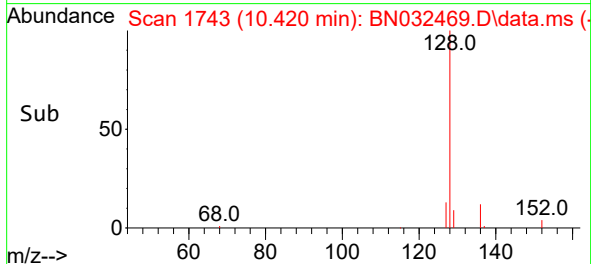
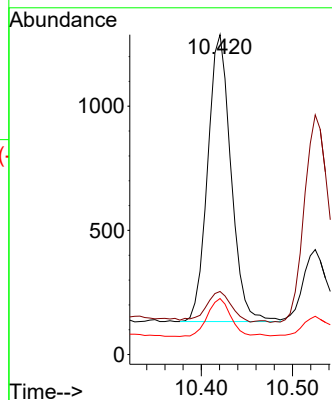
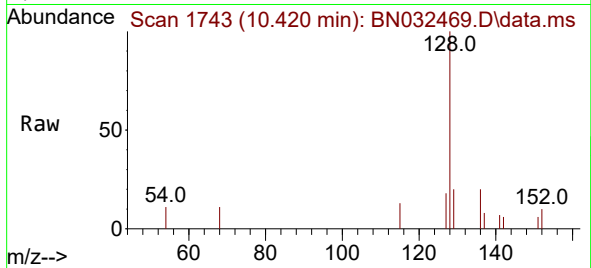




#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032469.D
Acq: 04 Jul 2024 11:33

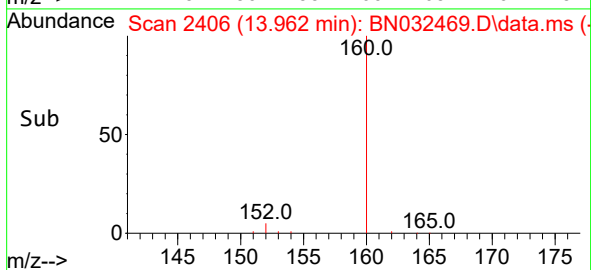
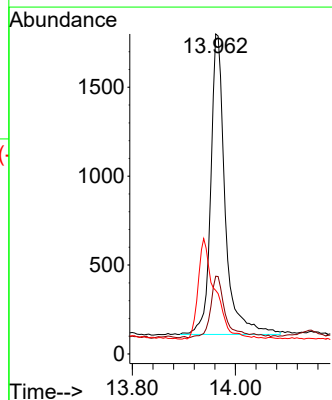
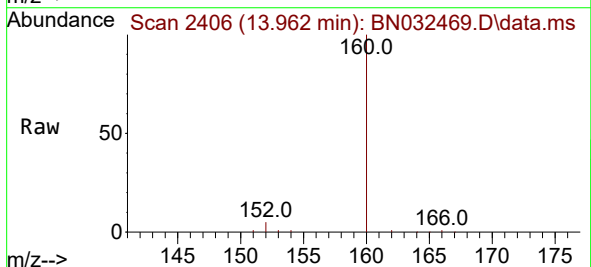
Instrument :
BNA_N
ClientSampleId :
A4CT4

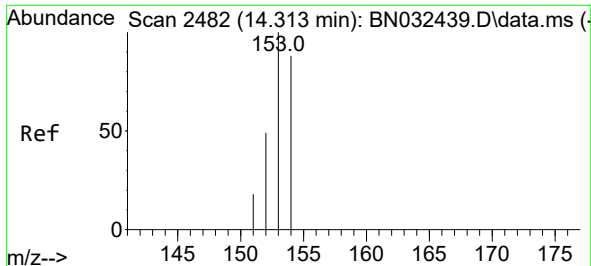
Tgt Ion:128 Resp: 2052
Ion Ratio Lower Upper
128 100
129 19.7 9.2 13.8#
127 17.5 10.8 16.2#



#10
Acenaphthylene
Concen: 0.054 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032469.D
Acq: 04 Jul 2024 11:33

Tgt Ion:152 Resp: 3275
Ion Ratio Lower Upper
152 100
151 24.3 15.7 23.5#
153 19.8 10.9 16.3#

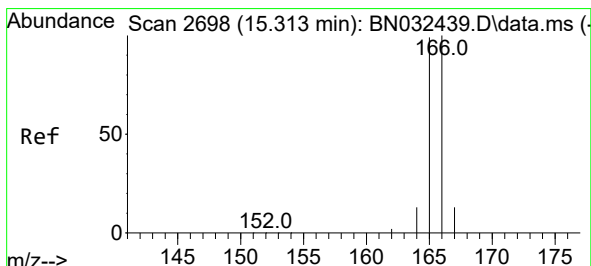
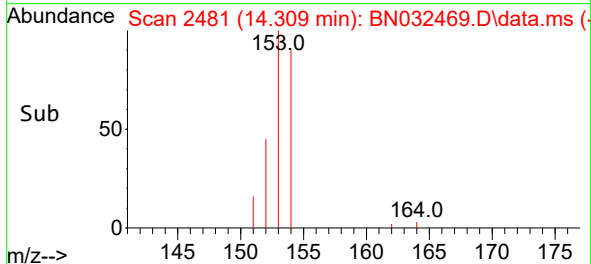
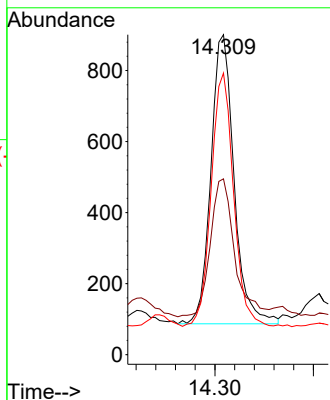
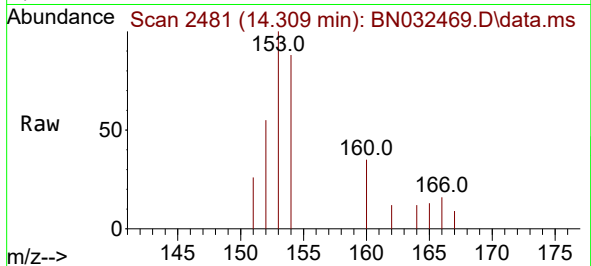




#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032469.D
Acq: 04 Jul 2024 11:33

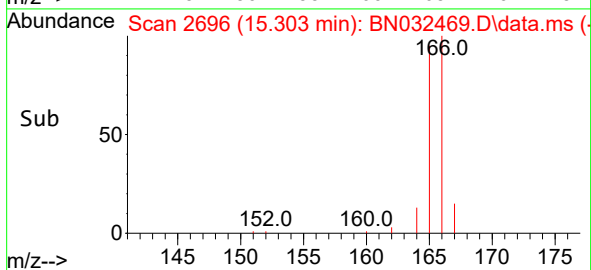
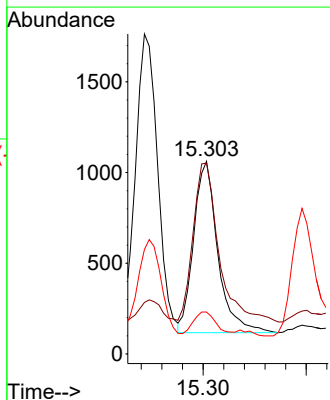
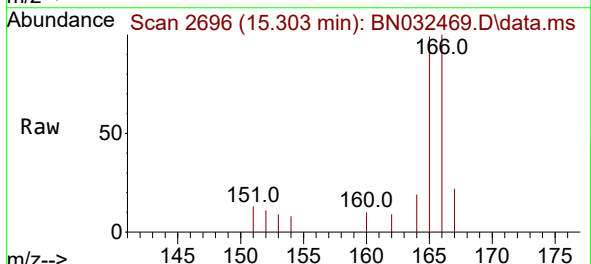
Instrument :
BNA_N
ClientSampleId :
A4CT4

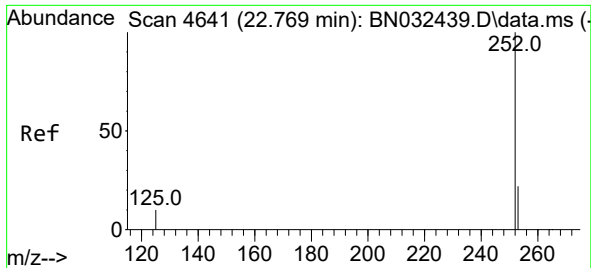
Tgt Ion:153 Resp: 1330
Ion Ratio Lower Upper
153 100
152 54.9 39.5 59.3
154 88.0 71.7 107.5



#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032469.D
Acq: 04 Jul 2024 11:33

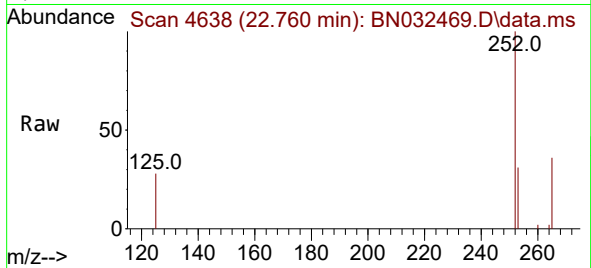
Tgt Ion:166 Resp: 1539
Ion Ratio Lower Upper
166 100
165 99.1 79.0 118.6
167 21.8 11.0 16.6#



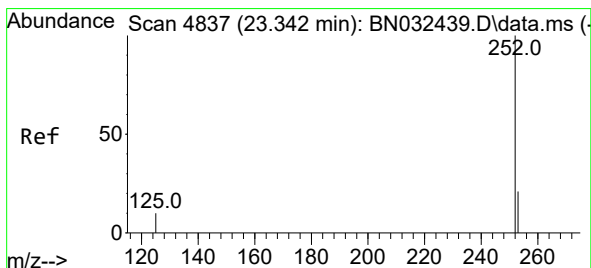
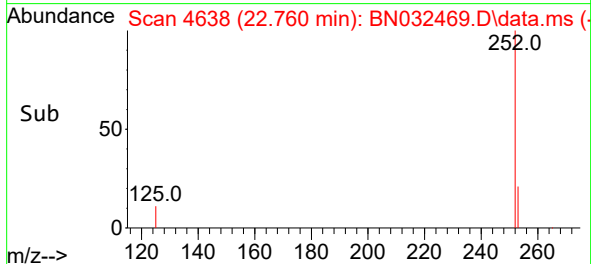
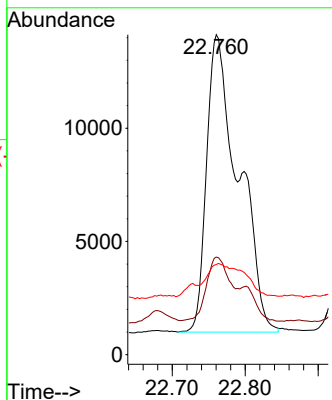


#24
Benzo(b)fluoranthene
Concen: 0.364 ng/ul
RT: 22.760 min Scan# 4638
Delta R.T. 0.003 min
Lab File: BN032469.D
Acq: 04 Jul 2024 11:33

Instrument :
BNA_N
ClientSampleId :
A4CT4

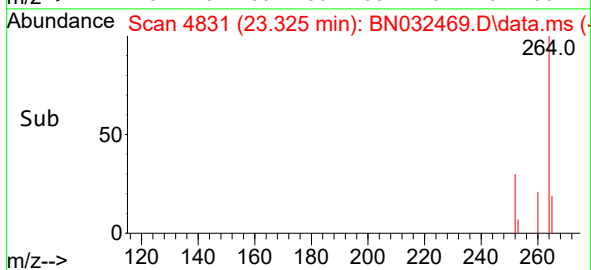
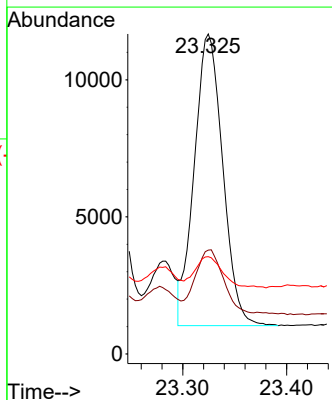
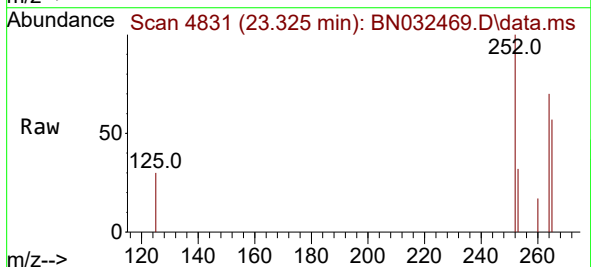


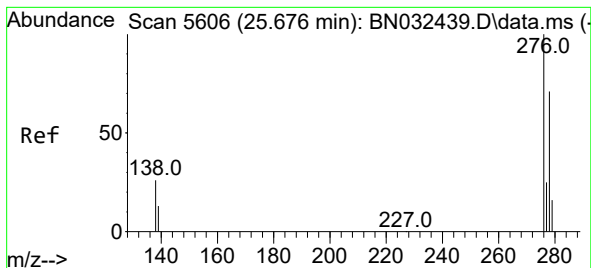
Tgt Ion:252 Resp: 39839
Ion Ratio Lower Upper
252 100
253 30.5 0.0 50.2
125 28.2 0.0 32.0



#26
Benzo(a)pyrene
Concen: 0.266 ng/ul
RT: 23.325 min Scan# 4831
Delta R.T. -0.003 min
Lab File: BN032469.D
Acq: 04 Jul 2024 11:33

Tgt Ion:252 Resp: 20232
Ion Ratio Lower Upper
252 100
253 32.5 22.2 33.2
125 30.4 16.4 24.6#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.135 ng/ul

RT: 25.660 min Scan# 5

Delta R.T. 0.000 min

Lab File: BN032469.D

Acq: 04 Jul 2024 11:33

Instrument :

BNA_N

ClientSampleId :

A4CT4

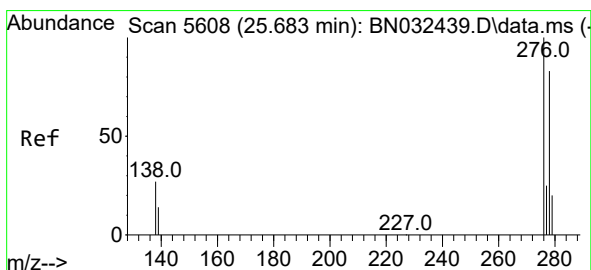
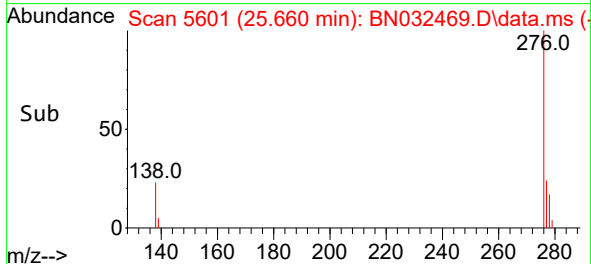
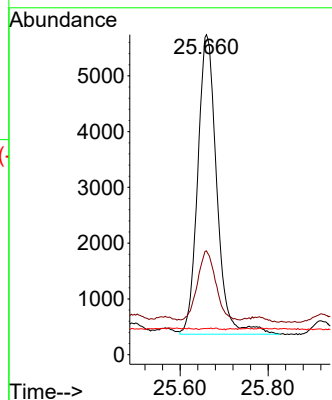
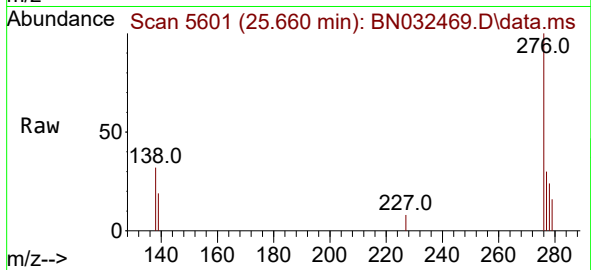
Tgt Ion:276 Resp: 16154

Ion Ratio Lower Upper

276 100

138 22.7 21.3 31.9

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.043 ng/ul

RT: 25.663 min Scan# 5602

Delta R.T. -0.003 min

Lab File: BN032469.D

Acq: 04 Jul 2024 11:33

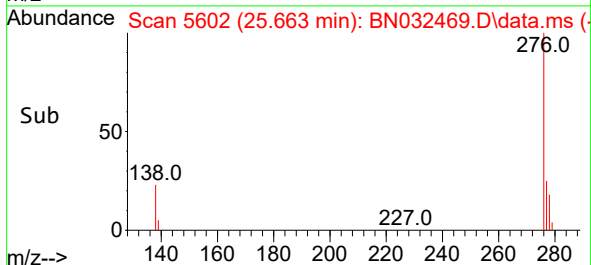
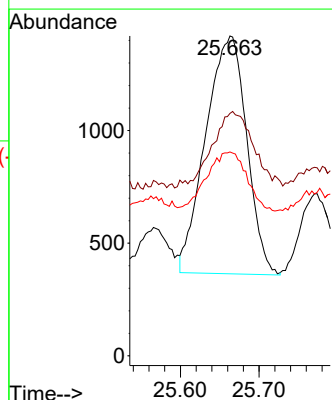
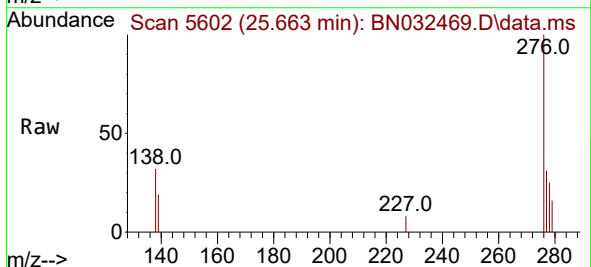
Tgt Ion:278 Resp: 3827

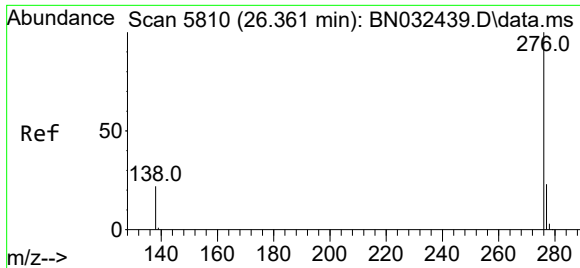
Ion Ratio Lower Upper

278 100

139 75.8 15.9 23.9#

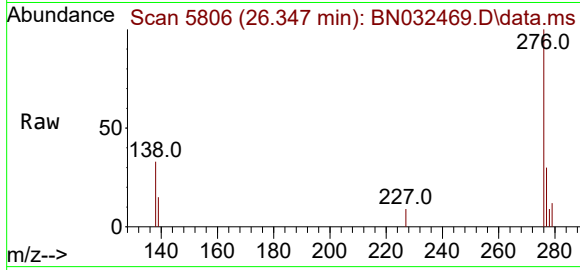
279 63.7 21.1 31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.169 ng/ul
 RT: 26.347 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: BN032469.D
 Acq: 04 Jul 2024 11:33

Instrument :
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 ClientSampleId :
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Tgt Ion:276 Resp: 16105
 Ion Ratio Lower Upper
 276 100
 138 32.7 19.8 29.6#
 277 30.5 19.8 29.6#

