

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032483.D
 Acq On : 04 Jul 2024 20:34
 Operator : MA/JU
 Sample : P3065-07
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CD3

Quant Time: Jul 04 23:08:11 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

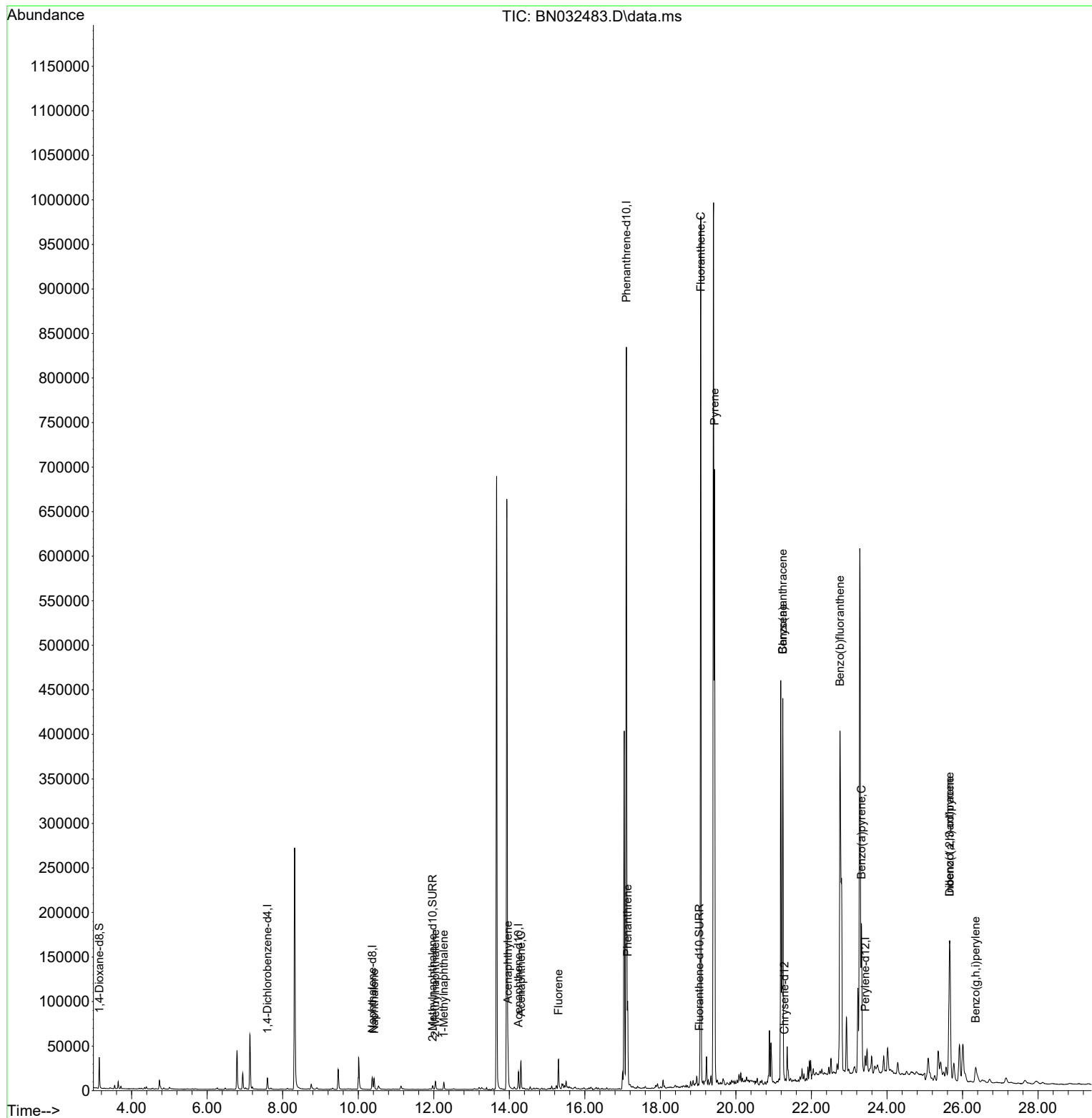
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	6946	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	19752	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	11224	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.100	188	985957	0.400	ng/ul	0.09
17) Chrysene-d12	21.287	240	84	0.400	ng/ul	# 0.08
23) Perylene-d12	23.424	264	17804	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	23680	3.067	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	6209	0.210	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	10827	42.834	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.420	128	17075	0.327	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	7409	0.214	ng/ul	99
8) 1-Methylnaphthalene	12.268	142	5998	0.167	ng/ul	99
10) Acenaphthylene	13.966	152	43040	0.922	ng/ul	99
11) Acenaphthene	14.308	153	18592	0.513	ng/ul	98
12) Fluorene	15.303	166	22452	0.520	ng/ul	98
15) Phenanthrene	17.134	178	96659	0.036	ng/ul	99
19) Fluoranthene	19.068	202	741753	2318.952	ng/ul	99
20) Pyrene	19.436	202	505164	1511.240	ng/ul	98
21) Benzo(a)anthracene	21.241	228	424704	1400.831	ng/ul	94
22) Chrysene	21.241	228	339428	1020.026	ng/ul	97
24) Benzo(b)fluoranthene	22.757	252	821372	10.619	ng/ul	95
26) Benzo(a)pyrene	23.324	252	230116	4.276	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.659	276	231415	2.746	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.659	278	81174	1.296	ng/ul#	76
29) Benzo(g,h,i)perylene	26.347	276	35398	0.527	ng/ul#	81

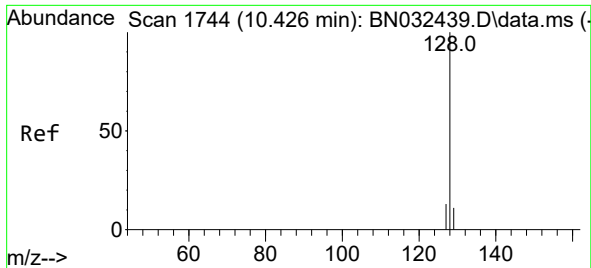
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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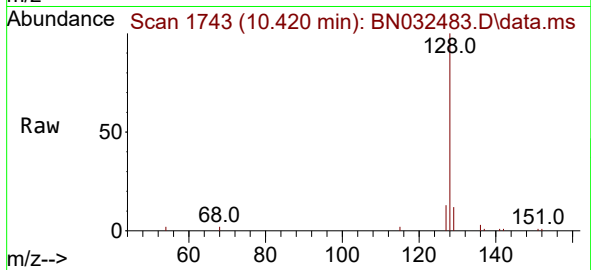
Quant Time: Jul 04 23:08:11 2024
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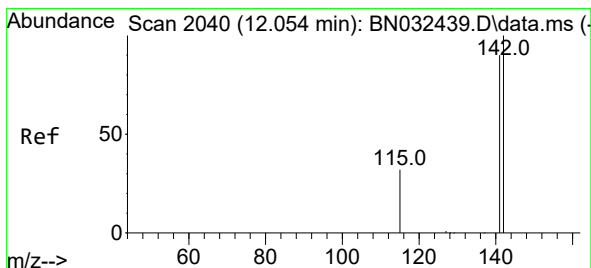
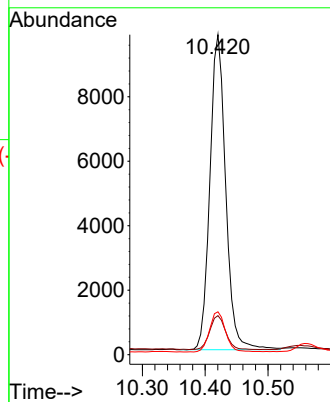
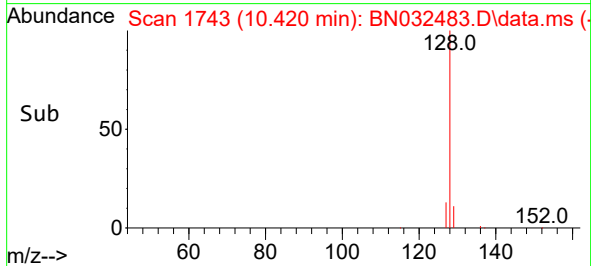


#5
Naphthalene
Concen: 0.327 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

Instrument :
BNA_N
ClientSampleId :
A4CD3

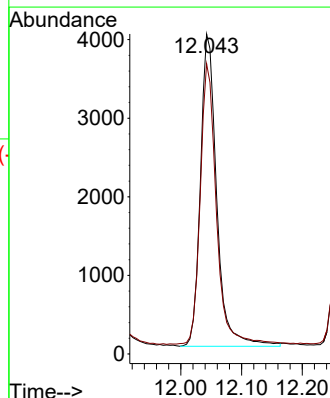
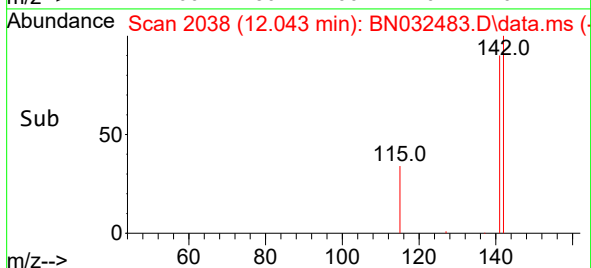
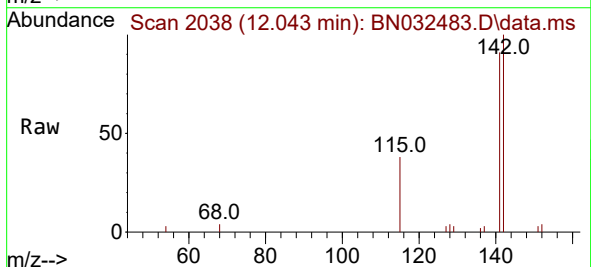


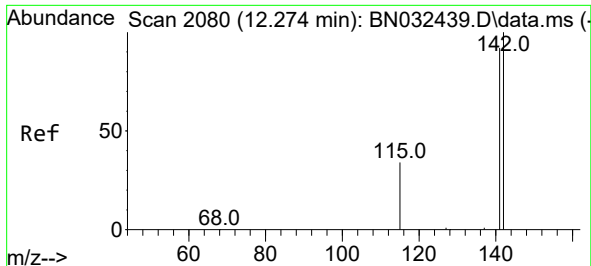
Tgt Ion:128 Resp: 17075
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.4 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.214 ng/ul
RT: 12.043 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

Tgt Ion:142 Resp: 7409
Ion Ratio Lower Upper
142 100
141 88.8 72.2 108.2

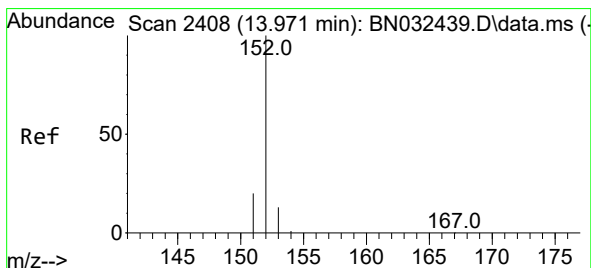
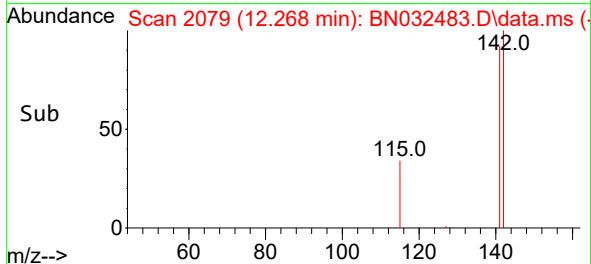
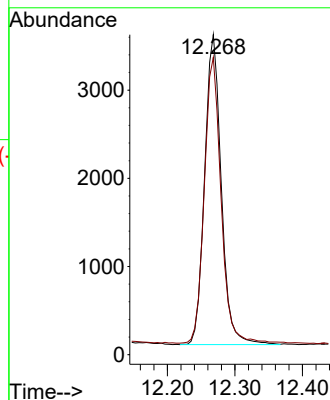
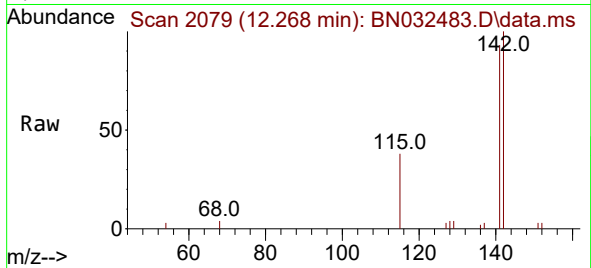




#8
1-Methylnaphthalene
Concen: 0.167 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

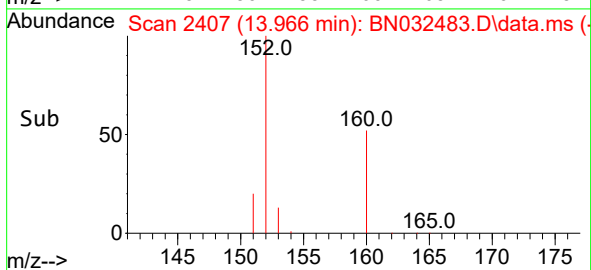
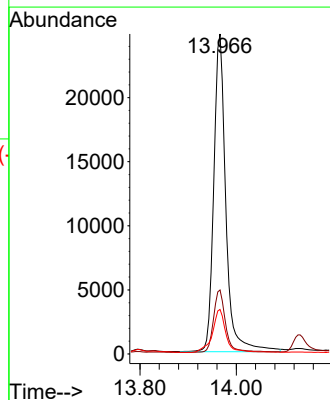
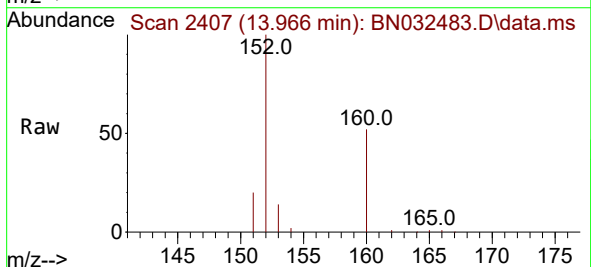
Instrument :
BNA_N
ClientSampleId :
A4CD3

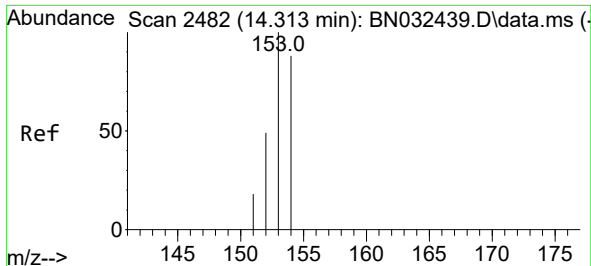
Tgt Ion:142 Resp: 5998
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.0



#10
Acenaphthylene
Concen: 0.922 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

Tgt Ion:152 Resp: 43040
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.9 10.9 16.3

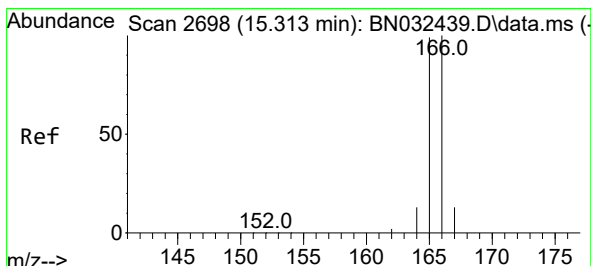
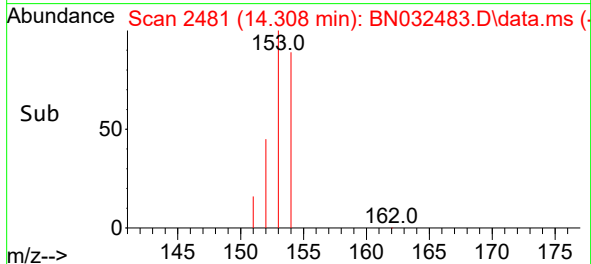
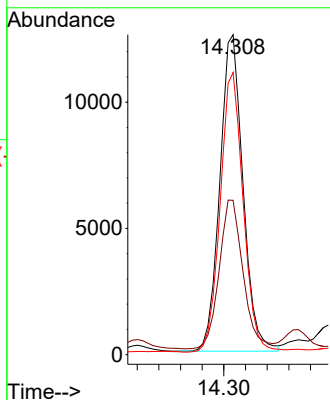
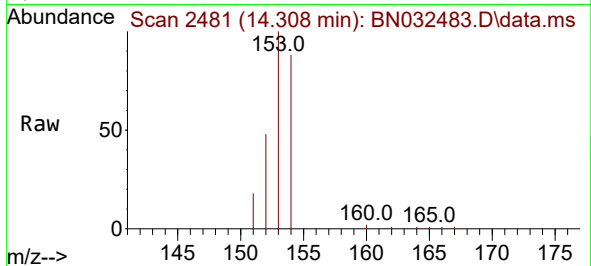




#11
Acenaphthene
Concen: 0.513 ng/ul
RT: 14.308 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

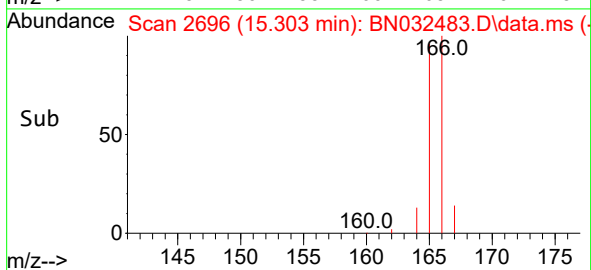
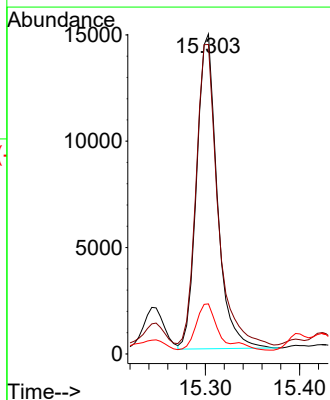
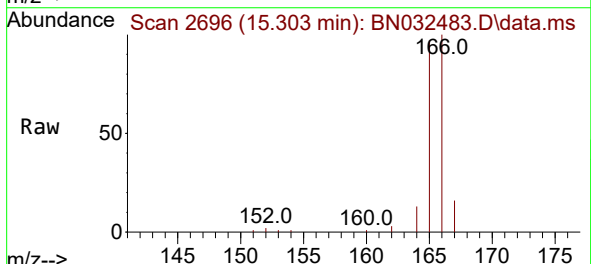
Instrument :
BNA_N
ClientSampleId :
A4CD3

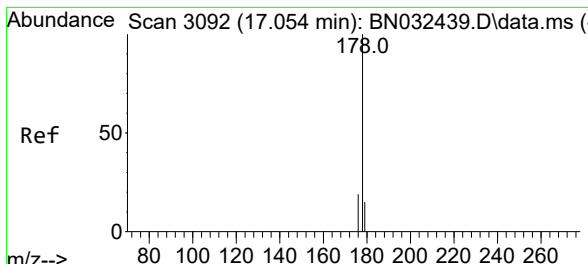
Tgt Ion:153 Resp: 18592
Ion Ratio Lower Upper
153 100
152 48.2 39.5 59.3
154 88.2 71.7 107.5



#12
Fluorene
Concen: 0.520 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

Tgt Ion:166 Resp: 22452
Ion Ratio Lower Upper
166 100
165 96.7 79.0 118.6
167 15.7 11.0 16.6

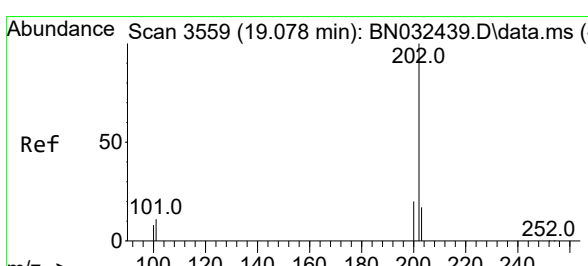
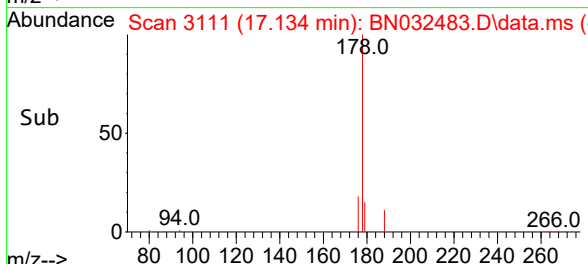
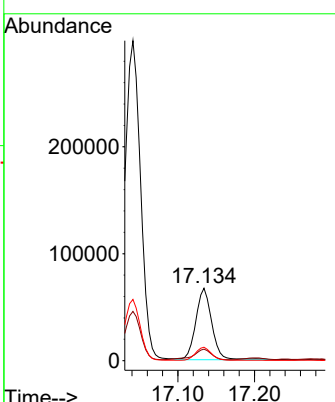
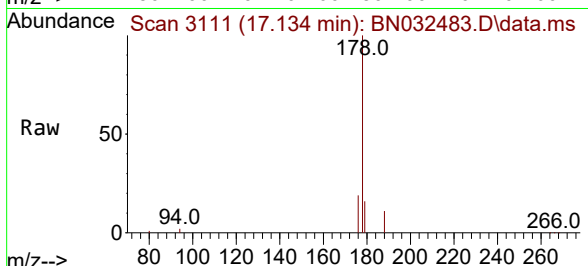




#15
 Phenanthrene
 Concen: 0.036 ng/ul
 RT: 17.134 min Scan# 3111
 Delta R.T. 0.084 min
 Lab File: BN032483.D
 Acq: 04 Jul 2024 20:34

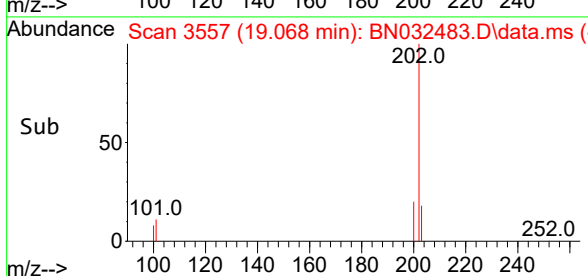
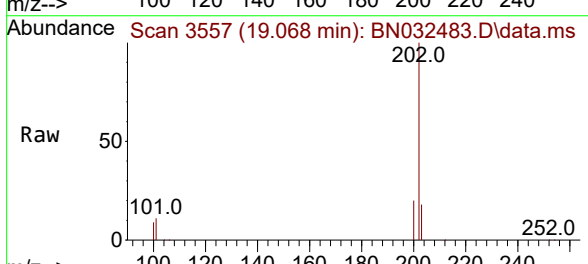
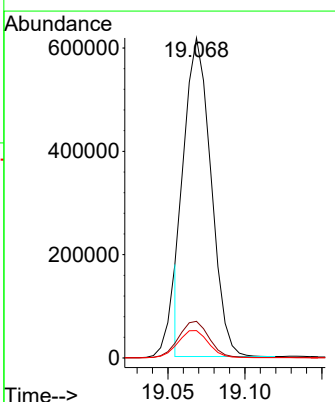
Instrument :
 BNA_N
 ClientSampleId :
 A4CD3

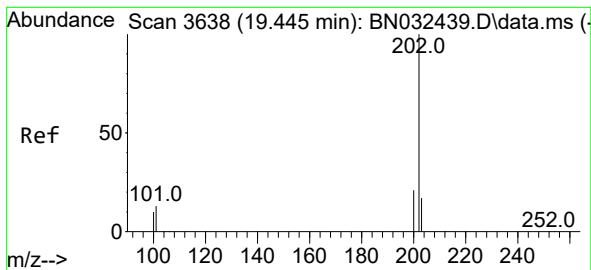
Tgt Ion:	178	Resp:	96659
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.6	18.8
176	18.5	15.6	23.4



#19
 Fluoranthene
 Concen: 2318.952 ng/ul
 RT: 19.068 min Scan# 3557
 Delta R.T. -0.005 min
 Lab File: BN032483.D
 Acq: 04 Jul 2024 20:34

Tgt Ion:	202	Resp:	741753
Ion Ratio	Lower	Upper	
202	100		
101	11.4	8.8	13.2
100	8.5	6.4	9.6





#20

Pyrene

Concen: 1511.240 ng/ul

RT: 19.436 min Scan# 3

Delta R.T. -0.005 min

Lab File: BN032483.D

Acq: 04 Jul 2024 20:34

Instrument :

BNA_N

ClientSampleId :

A4CD3

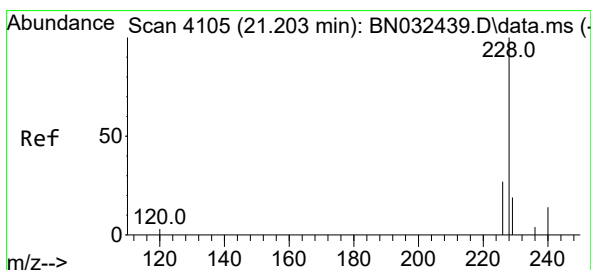
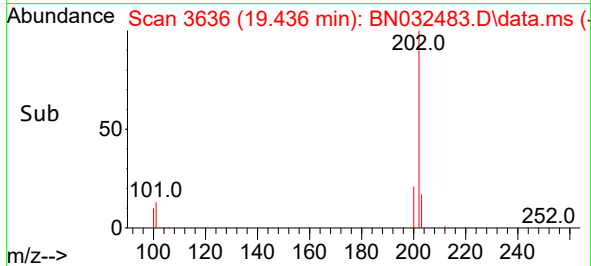
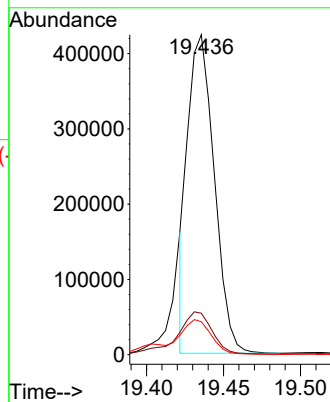
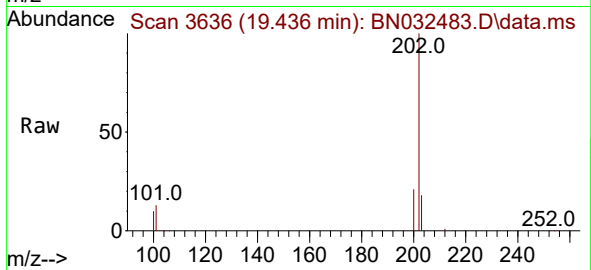
Tgt Ion:202 Resp: 505164

Ion Ratio Lower Upper

202 100

101 13.0 11.0 16.4

100 10.3 8.7 13.1



#21

Benzo(a)anthracene

Concen: 1400.831 ng/ul

RT: 21.241 min Scan# 4118

Delta R.T. 0.050 min

Lab File: BN032483.D

Acq: 04 Jul 2024 20:34

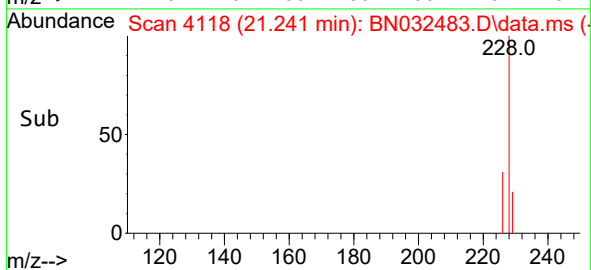
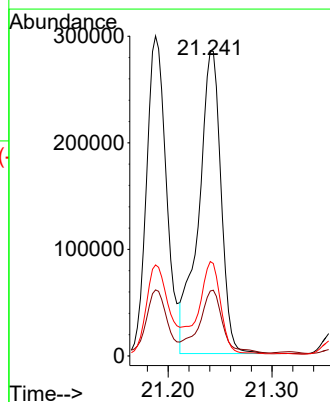
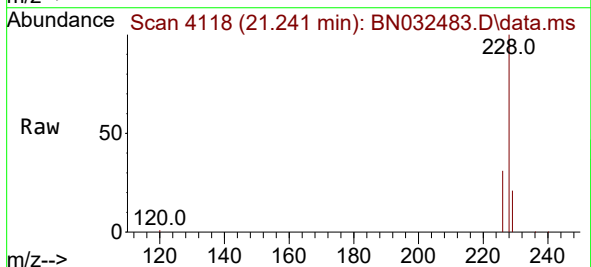
Tgt Ion:228 Resp: 424704

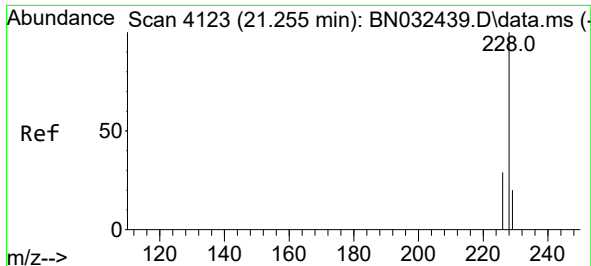
Ion Ratio Lower Upper

228 100

229 21.3 15.7 23.5

226 30.9 21.8 32.8





#22

Chrysene

Concen: 1020.026 ng/ul

RT: 21.241 min Scan# 4118

Delta R.T. -0.003 min

Lab File: BN032483.D

Acq: 04 Jul 2024 20:34

Instrument :

BNA_N

ClientSampleId :

A4CD3

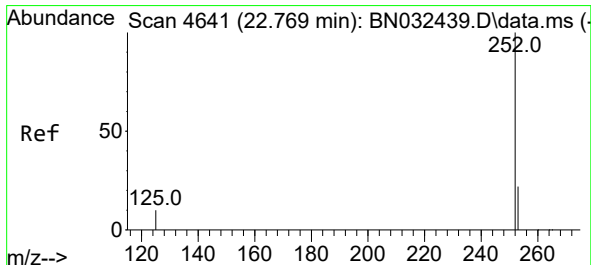
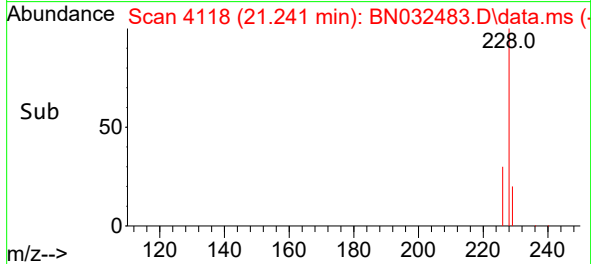
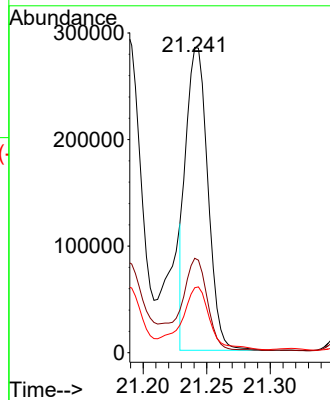
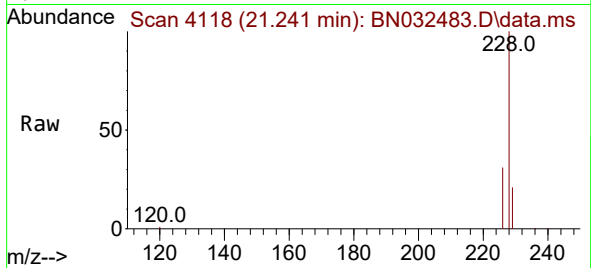
Tgt Ion:228 Resp: 339428

Ion Ratio Lower Upper

228 100

226 30.9 23.6 35.4

229 21.3 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 10.619 ng/ul

RT: 22.757 min Scan# 4637

Delta R.T. -0.000 min

Lab File: BN032483.D

Acq: 04 Jul 2024 20:34

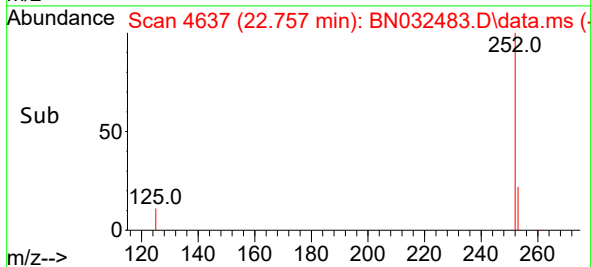
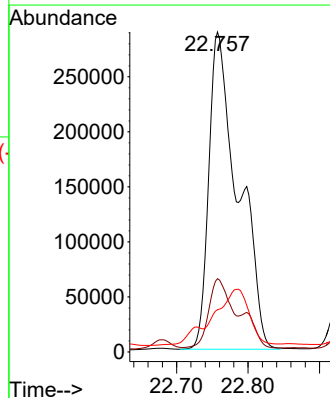
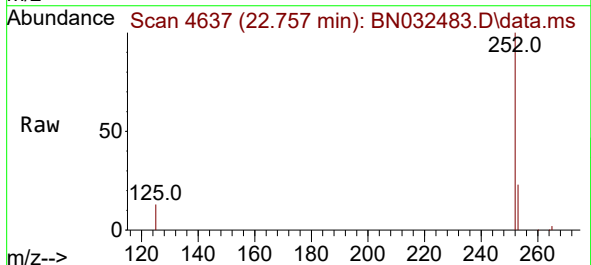
Tgt Ion:252 Resp: 821372

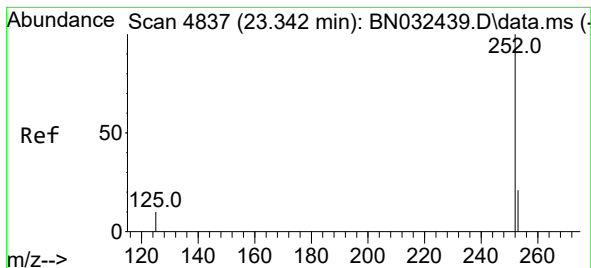
Ion Ratio Lower Upper

252 100

253 22.9 0.0 50.2

125 13.2 0.0 32.0





#26

Benzo(a)pyrene

Concen: 4.276 ng/ul

RT: 23.324 min Scan# 4831

Delta R.T. -0.003 min

Lab File: BN032483.D

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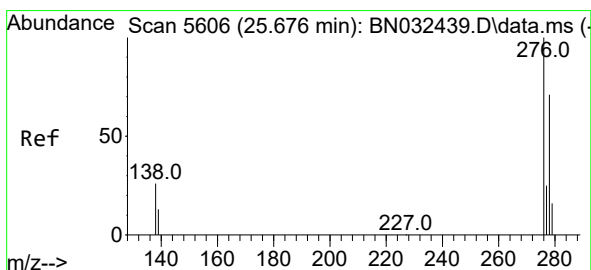
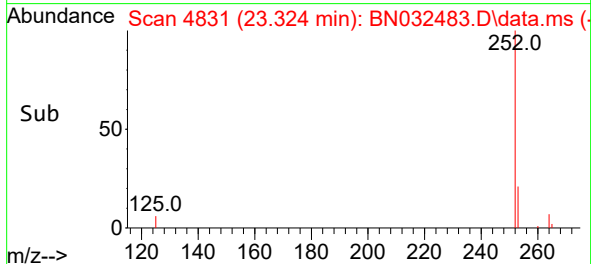
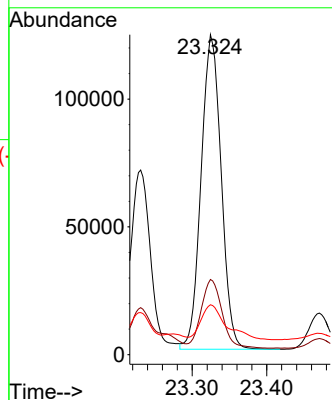
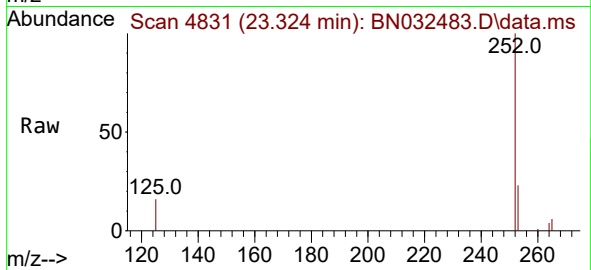
Tgt Ion:252 Resp: 230116

Ion Ratio Lower Upper

252 100

253 23.5 22.2 33.2

125 15.6 16.4 24.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.746 ng/ul

RT: 25.659 min Scan# 5601

Delta R.T. -0.000 min

Lab File: BN032483.D

Acq: 04 Jul 2024 20:34

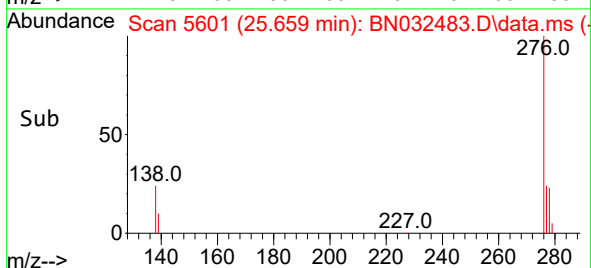
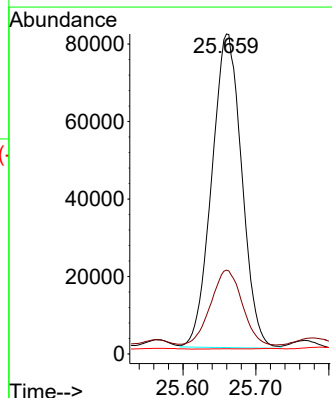
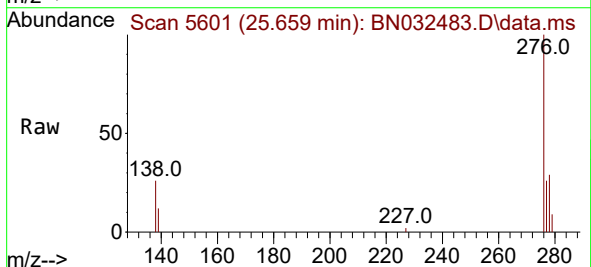
Tgt Ion:276 Resp: 231415

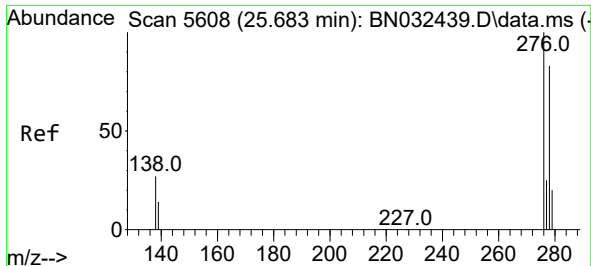
Ion Ratio Lower Upper

276 100

138 25.7 21.3 31.9

227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 1.296 ng/ul

RT: 25.659 min Scan# 5

Delta R.T. -0.007 min

Lab File: BN032483.D

Acq: 04 Jul 2024 20:34

Instrument :

BNA_N

ClientSampleId :

A4CD3

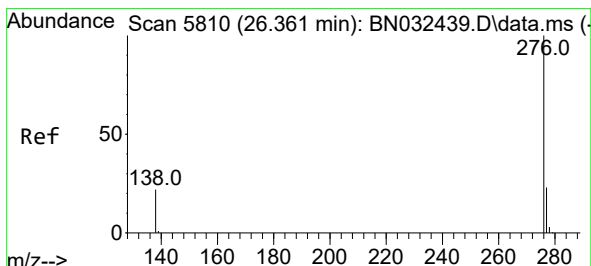
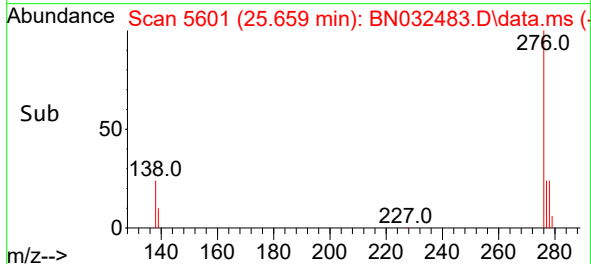
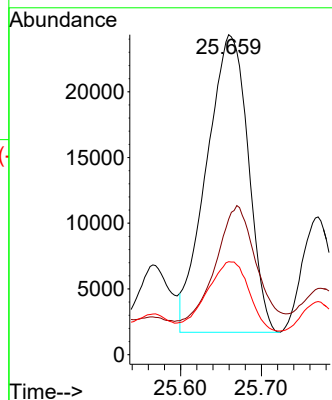
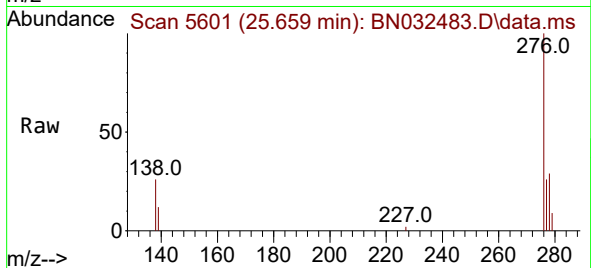
Tgt Ion:278 Resp: 81174

Ion Ratio Lower Upper

278 100

139 42.4 15.9 23.9#

279 29.1 21.1 31.7



#29

Benzo(g,h,i)perylene

Concen: 0.527 ng/ul

RT: 26.347 min Scan# 5806

Delta R.T. 0.003 min

Lab File: BN032483.D

Acq: 04 Jul 2024 20:34

Tgt Ion:276 Resp: 35398

Ion Ratio Lower Upper

276 100

138 35.0 19.8 29.6#

277 33.0 19.8 29.6#

