

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023341.D
 Acq On : 22 Dec 2022 16:14
 Operator : CG/JU
 Sample : N6003-24
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXV3

Quant Time: Dec 22 23:53:57 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

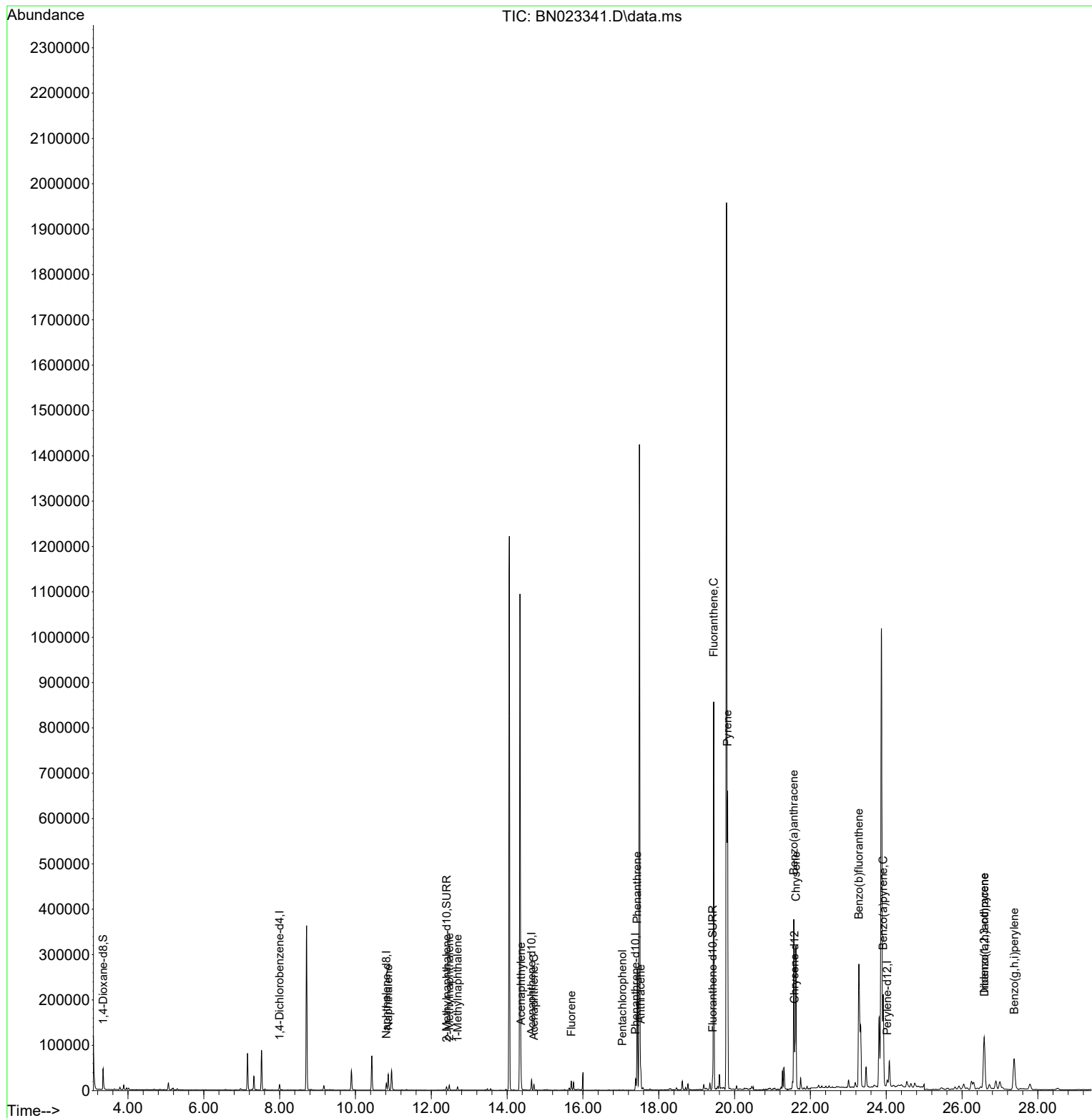
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	5956	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	19668	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	11964	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	28492	0.400	ng/ul	0.00
17) Chrysene-d12	21.581	240	23474	0.400	ng/ul	0.00
23) Perylene-d12	24.027	264	19796	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	30612	4.730	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.405	152	9800	0.322	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	25809	0.304	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.865	128	45688	0.791	ng/ul	100
7) 2-Methylnaphthalene	12.476	142	7823	0.212	ng/ul	100
8) 1-Methylnaphthalene	12.696	142	5123	0.135	ng/ul	100
10) Acenaphthylene	14.368	152	33771	0.637	ng/ul	100
11) Acenaphthene	14.705	153	7286	0.163	ng/ul	99
12) Fluorene	15.695	166	12408	0.247	ng/ul	98
14) Pentachlorophenol	17.040	266	179	0.023	ng/ul	98
15) Phenanthrene	17.432	178	270854	2.920	ng/ul	99
16) Anthracene	17.525	178	42364	0.550	ng/ul	99
19) Fluoranthene	19.448	202	686667	6.030	ng/ul	100
20) Pyrene	19.815	202	522161	4.549	ng/ul	98
21) Benzo(a)anthracene	21.563	228	318167	3.481	ng/ul	98
22) Chrysene	21.616	228	328630	3.536	ng/ul	98
24) Benzo(b)fluoranthene	23.279	252	633331	6.186	ng/ul	95
26) Benzo(a)pyrene	23.919	252	276950	3.416	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.584	276	193494	2.045	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.590	278	47019	0.641	ng/ul	95
29) Benzo(g,h,i)perylene	27.375	276	154819	2.007	ng/ul	99

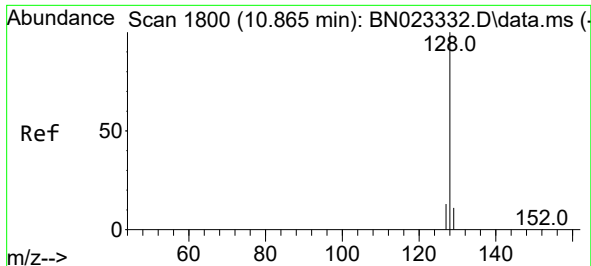
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
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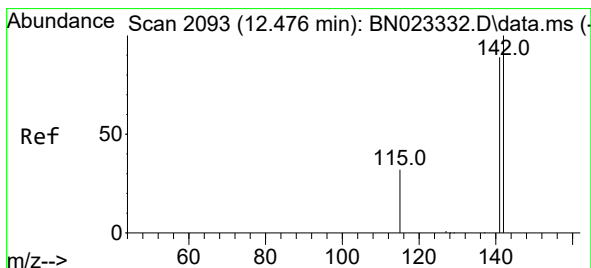
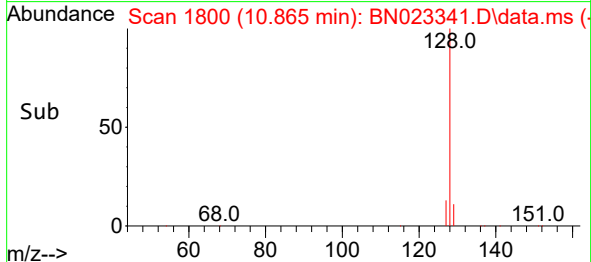
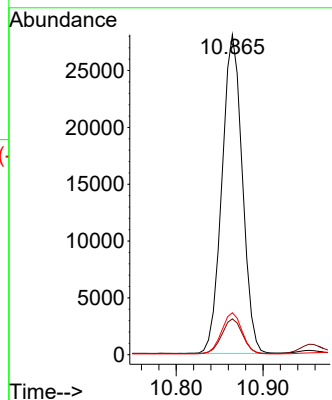
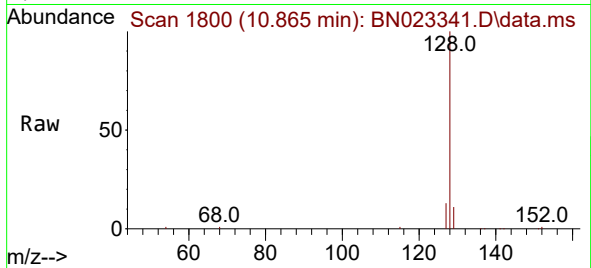




#5
Naphthalene
Concen: 0.791 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

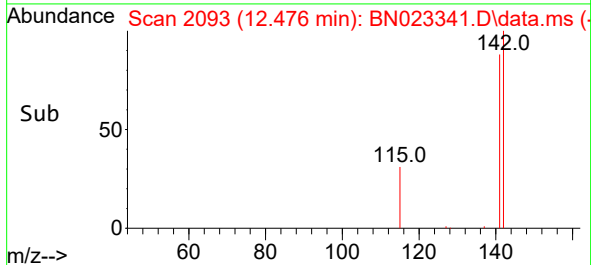
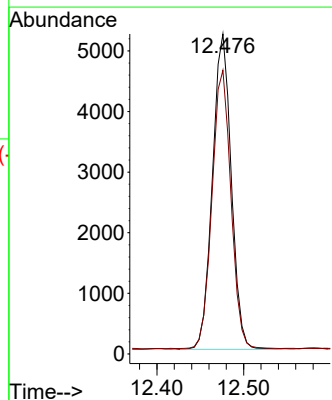
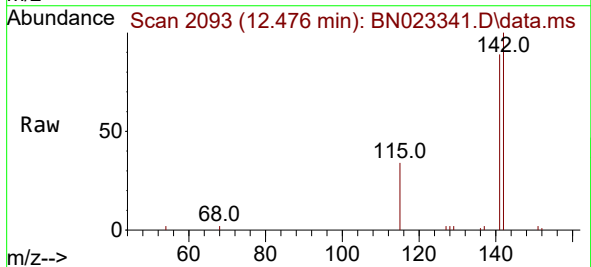
Instrument :
BNA_N
ClientSampleId :
DBXV3

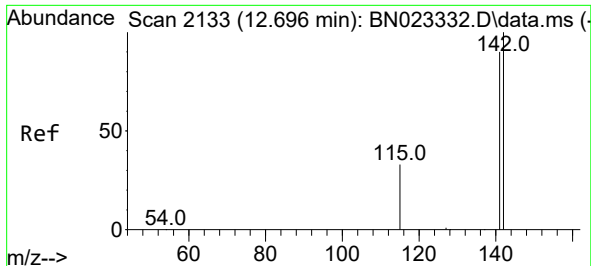
Tgt Ion:128 Resp: 45688
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.1 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.212 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

Tgt Ion:142 Resp: 7823
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.2

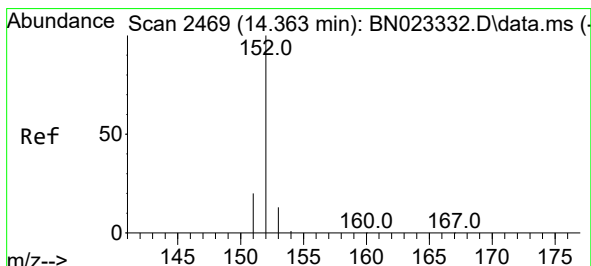
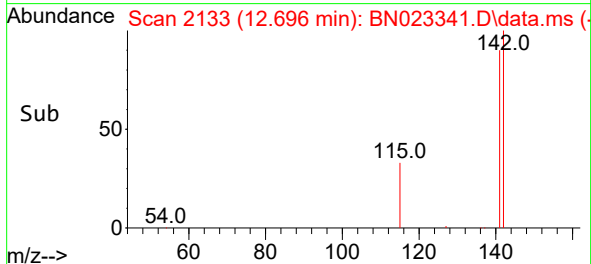
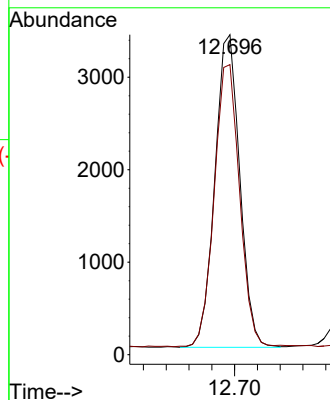
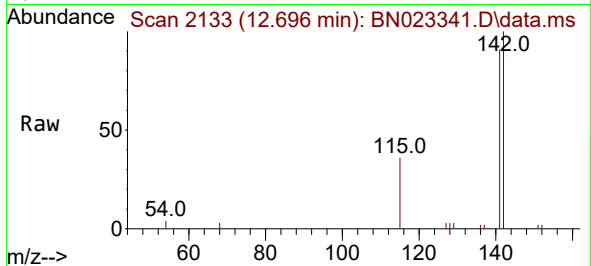




#8
1-Methylnaphthalene
Concen: 0.135 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

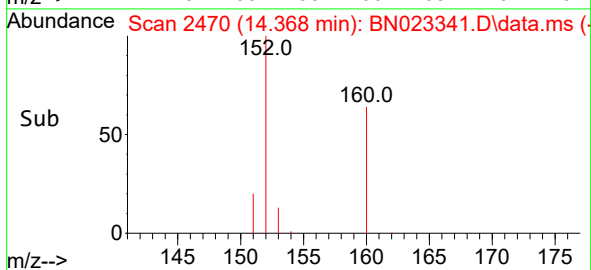
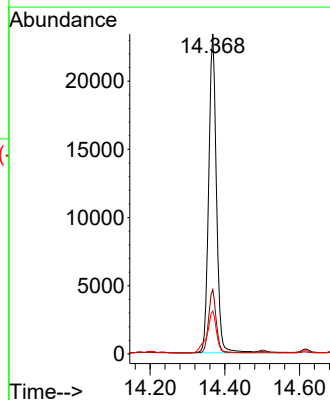
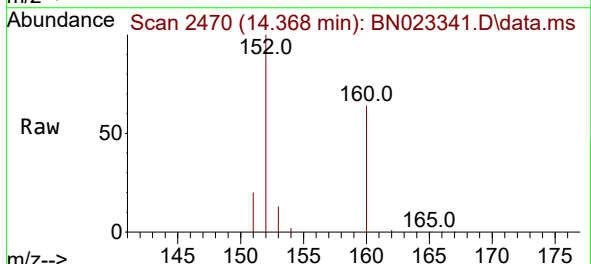
Instrument :
BNA_N
ClientSampleId :
DBXV3

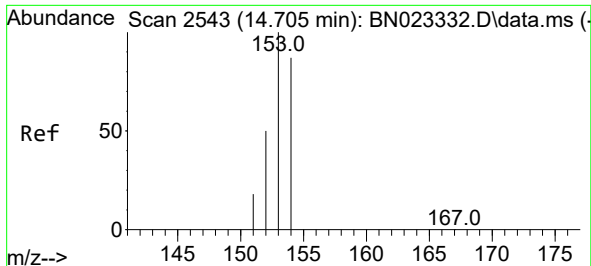
Tgt Ion:142 Resp: 5123
Ion Ratio Lower Upper
142 100
141 92.2 74.0 111.0



#10
Acenaphthylene
Concen: 0.637 ng/ul
RT: 14.368 min Scan# 2470
Delta R.T. -0.001 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

Tgt Ion:152 Resp: 33771
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.4 10.9 16.3

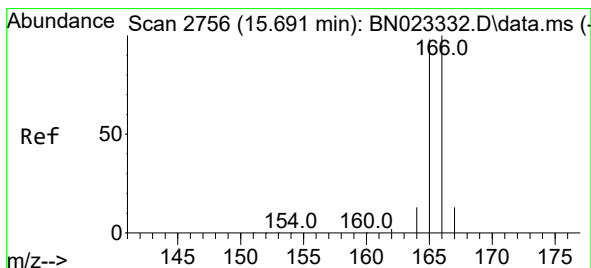
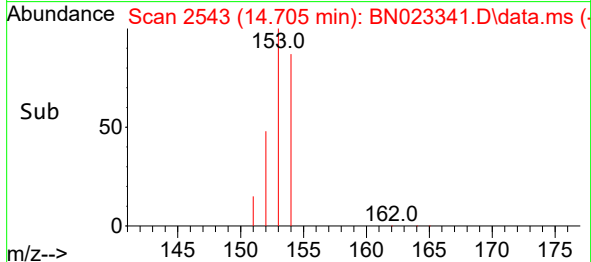
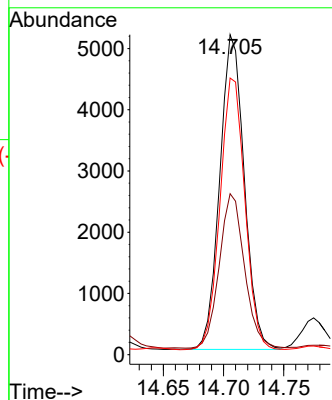
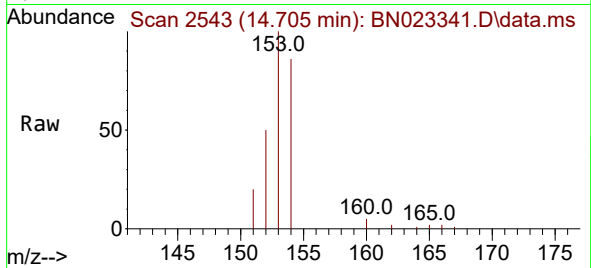




#11
Acenaphthene
Concen: 0.163 ng/ul
RT: 14.705 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

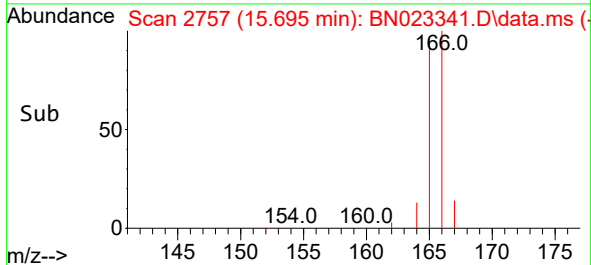
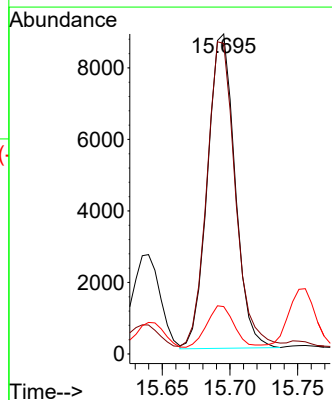
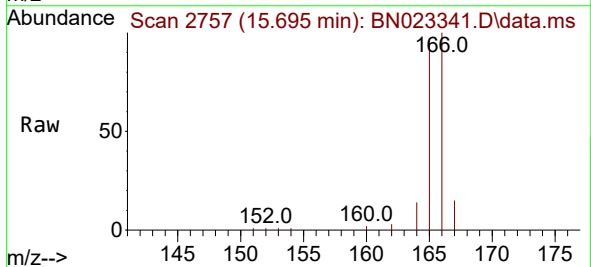
Instrument :
BNA_N
ClientSampleId :
DBXV3

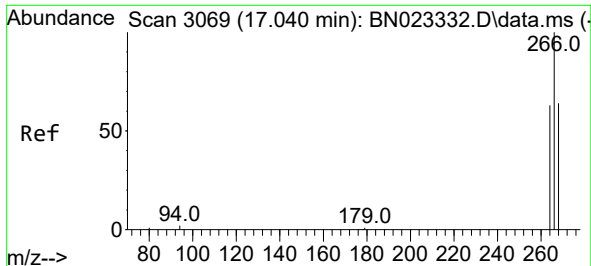
Tgt Ion:153 Resp: 7286
Ion Ratio Lower Upper
153 100
152 50.3 41.0 61.4
154 86.5 69.5 104.3



#12
Fluorene
Concen: 0.247 ng/ul
RT: 15.695 min Scan# 2757
Delta R.T. 0.004 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

Tgt Ion:166 Resp: 12408
Ion Ratio Lower Upper
166 100
165 97.1 79.1 118.7
167 14.8 11.0 16.4

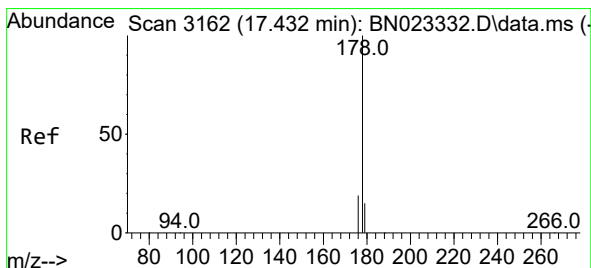
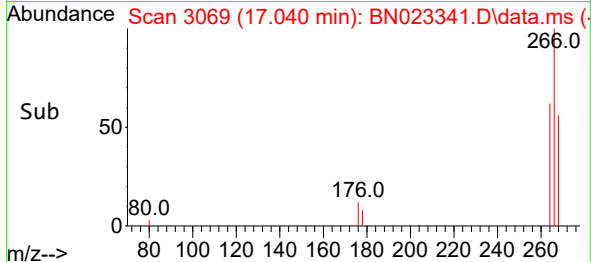
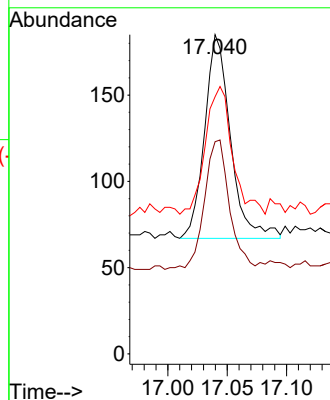
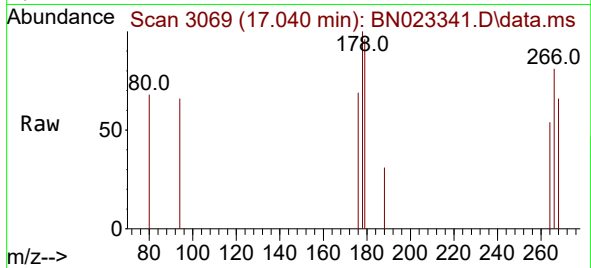




#14
 Pentachlorophenol
 Concen: 0.023 ng/ul
 RT: 17.040 min Scan# 3069
 Delta R.T. -0.001 min
 Lab File: BN023341.D
 Acq: 22 Dec 2022 16:14

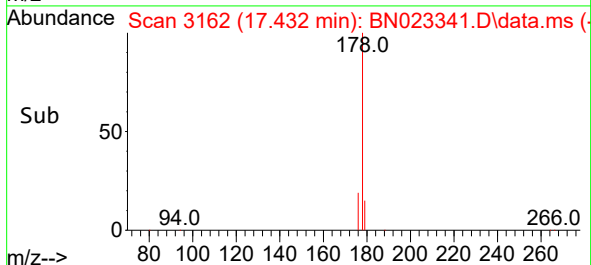
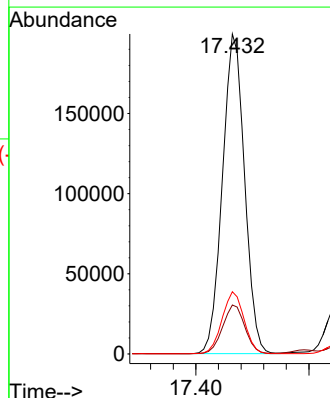
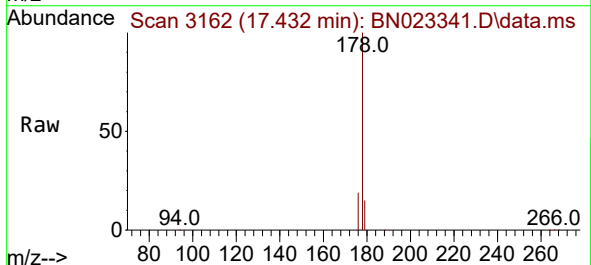
Instrument :
 BNA_N
 ClientSampleId :
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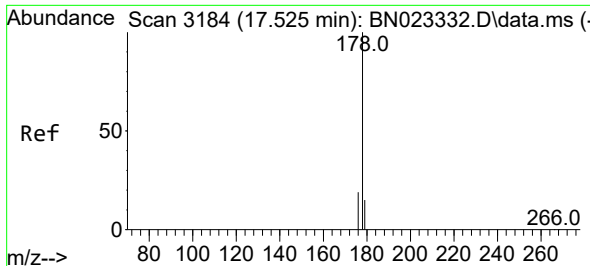
Tgt Ion:266 Resp: 179
 Ion Ratio Lower Upper
 266 100
 264 61.5 49.8 74.6
 268 65.9 51.4 77.0



#15
 Phenanthrene
 Concen: 2.920 ng/ul
 RT: 17.432 min Scan# 3162
 Delta R.T. -0.001 min
 Lab File: BN023341.D
 Acq: 22 Dec 2022 16:14

Tgt Ion:178 Resp: 270854
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.5 18.7
 176 19.4 15.7 23.5

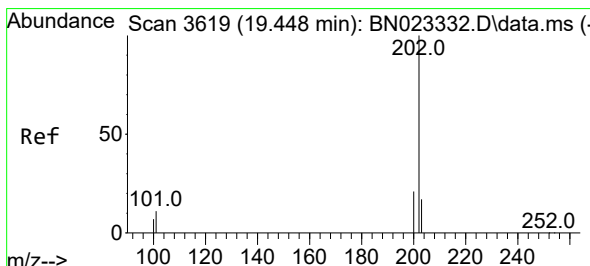
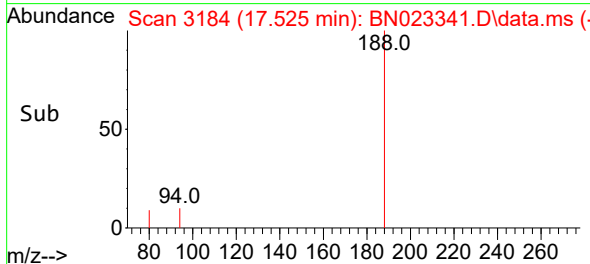
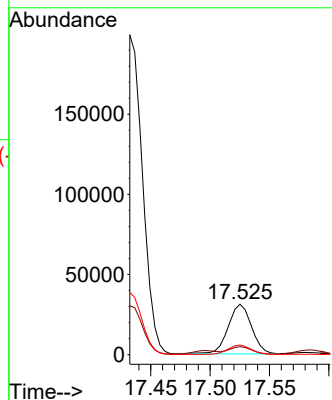
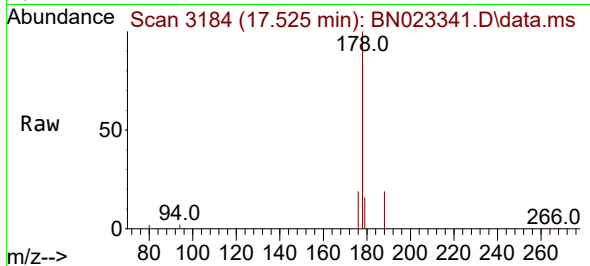




#16
 Anthracene
 Concen: 0.550 ng/ul
 RT: 17.525 min Scan# 3184
 Delta R.T. -0.001 min
 Lab File: BN023341.D
 Acq: 22 Dec 2022 16:14

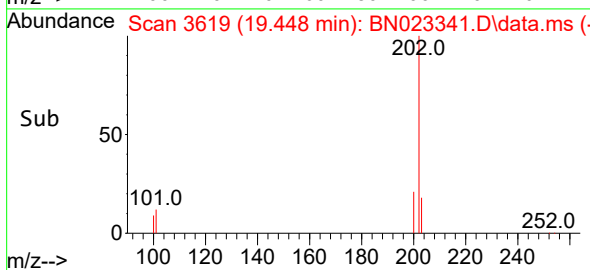
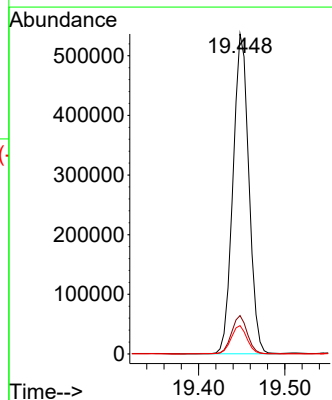
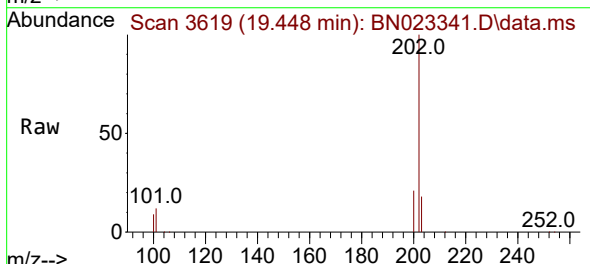
Instrument :
 BNA_N
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 DBXV3

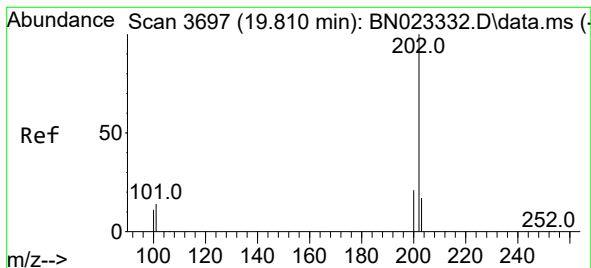
Tgt Ion:178 Resp: 42364
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.6 18.8
 176 18.9 15.4 23.0



#19
 Fluoranthene
 Concen: 6.030 ng/ul
 RT: 19.448 min Scan# 3619
 Delta R.T. -0.001 min
 Lab File: BN023341.D
 Acq: 22 Dec 2022 16:14

Tgt Ion:202 Resp: 686667
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.4 14.2
 100 8.9 7.0 10.6





#20

Pyrene

Concen: 4.549 ng/ul

RT: 19.815 min Scan# 3

Delta R.T. 0.004 min

Lab File: BN023341.D

Acq: 22 Dec 2022 16:14

Instrument :

BNA_N

ClientSampleId :

DBXV3

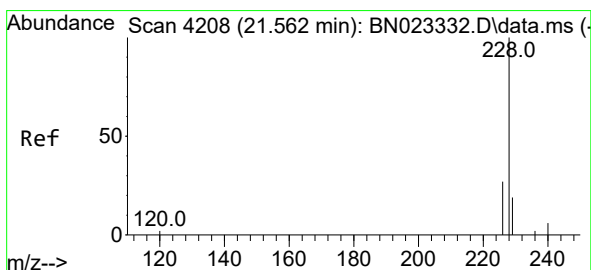
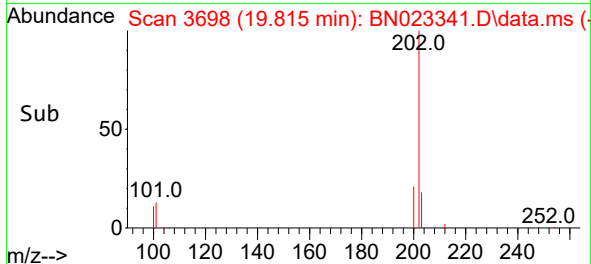
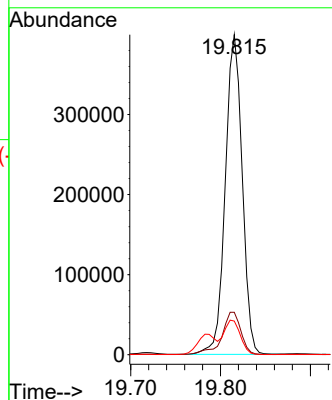
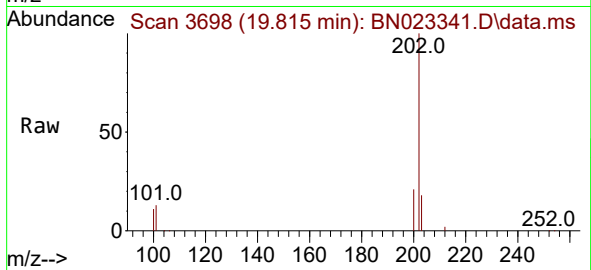
Tgt Ion:202 Resp: 522161

Ion Ratio Lower Upper

202 100

101 13.2 11.3 16.9

100 10.5 9.0 13.4



#21

Benzo(a)anthracene

Concen: 3.481 ng/ul

RT: 21.563 min Scan# 4209

Delta R.T. 0.002 min

Lab File: BN023341.D

Acq: 22 Dec 2022 16:14

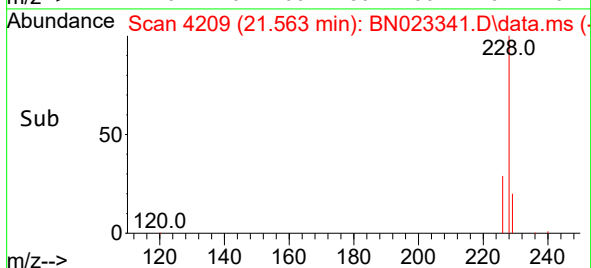
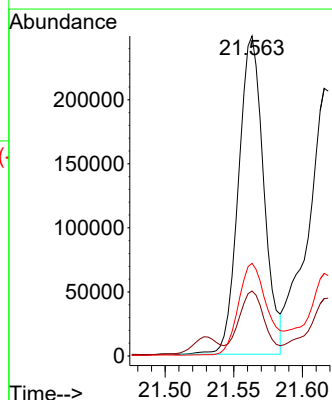
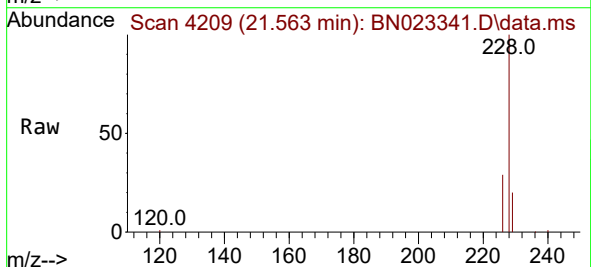
Tgt Ion:228 Resp: 318167

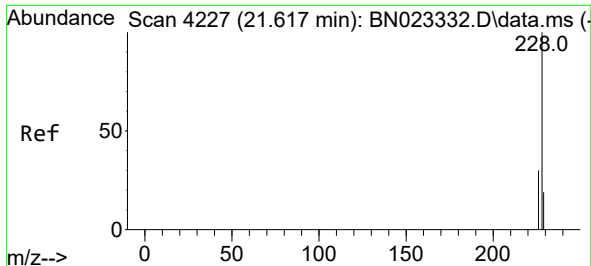
Ion Ratio Lower Upper

228 100

229 20.3 15.6 23.4

226 28.9 22.2 33.2





#22

Chrysene

Concen: 3.536 ng/ul

RT: 21.616 min Scan# 41

Delta R.T. -0.001 min

Lab File: BN023341.D

Acq: 22 Dec 2022 16:14

Instrument :

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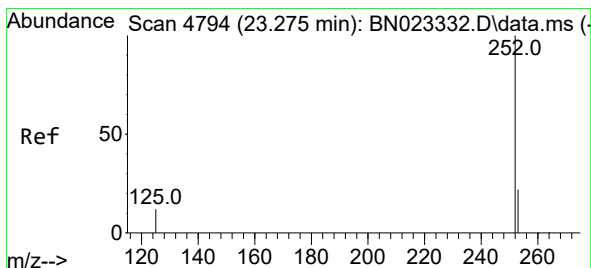
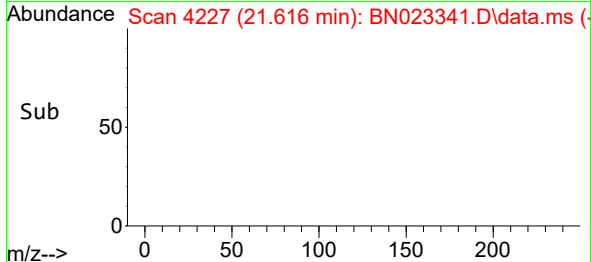
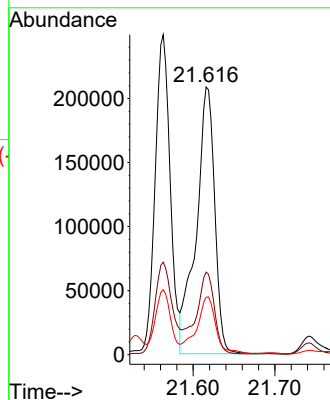
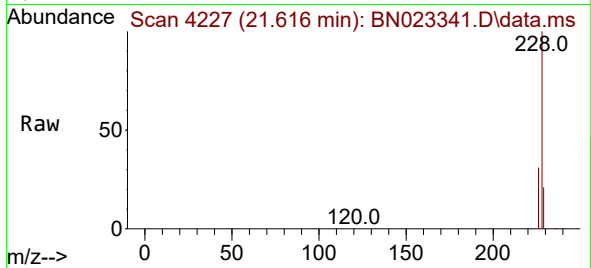
Tgt Ion:228 Resp: 328630

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 21.5 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 6.186 ng/ul

RT: 23.279 min Scan# 4796

Delta R.T. 0.005 min

Lab File: BN023341.D

Acq: 22 Dec 2022 16:14

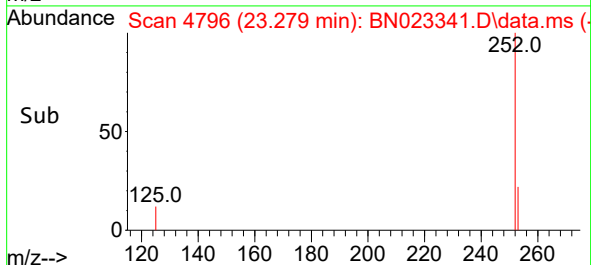
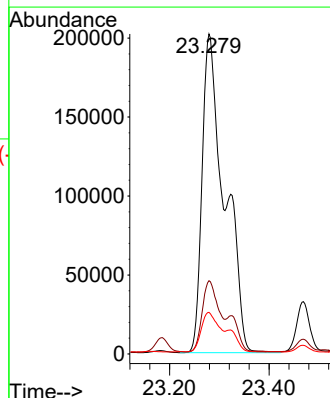
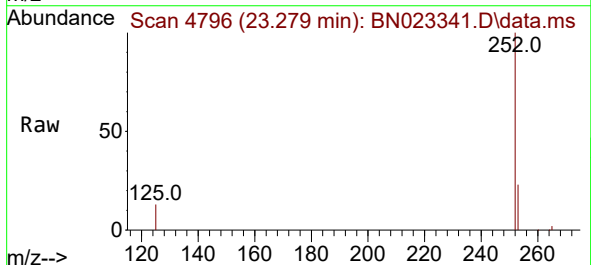
Tgt Ion:252 Resp: 633331

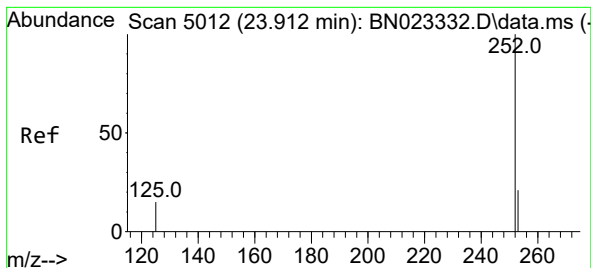
Ion Ratio Lower Upper

252 100

253 22.9 0.0 49.2

125 13.0 0.0 31.8





#26

Benzo(a)pyrene

Concen: 3.416 ng/ul

RT: 23.919 min Scan# 5012

Delta R.T. 0.005 min

Lab File: BN023341.D

Acq: 22 Dec 2022 16:14

Instrument :

BNA_N

ClientSampleId :

DBXV3

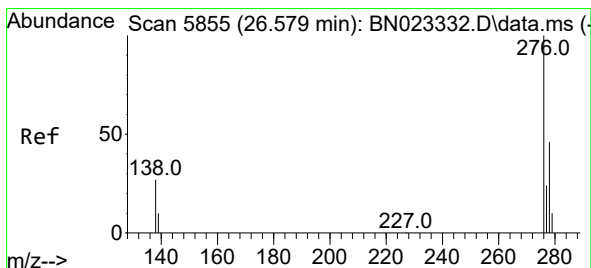
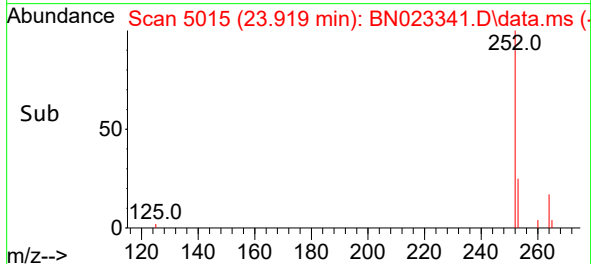
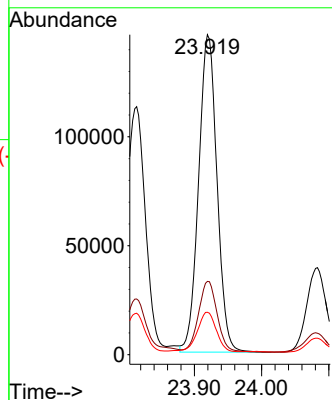
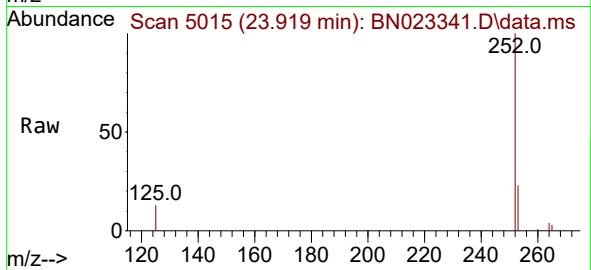
Tgt Ion:252 Resp: 276950

Ion Ratio Lower Upper

252 100

253 22.9 21.4 32.2

125 13.3 16.2 24.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.045 ng/ul

RT: 26.584 min Scan# 5857

Delta R.T. 0.006 min

Lab File: BN023341.D

Acq: 22 Dec 2022 16:14

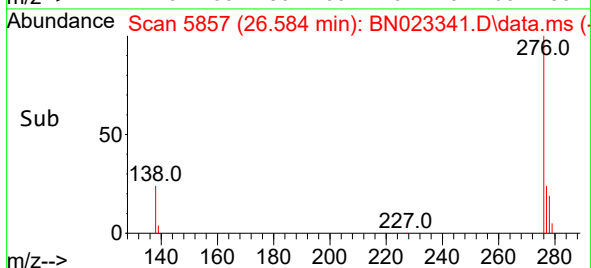
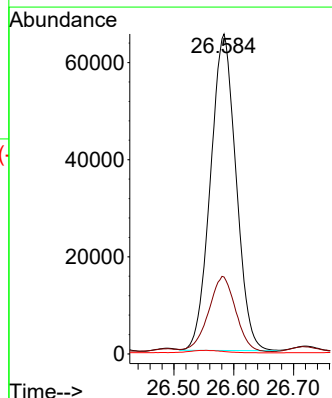
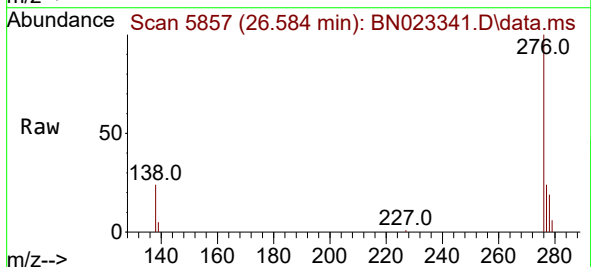
Tgt Ion:276 Resp: 193494

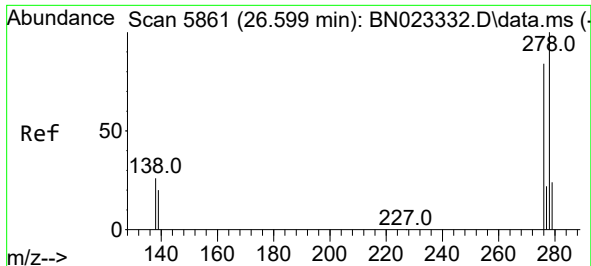
Ion Ratio Lower Upper

276 100

138 25.2 23.4 35.2

227 0.0 0.0 0.0

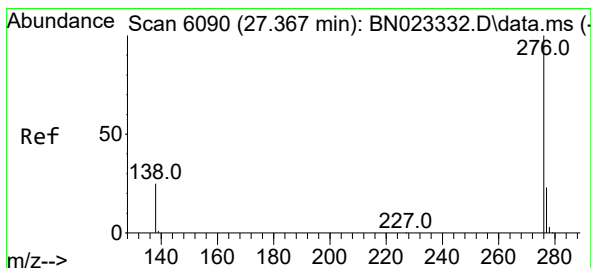
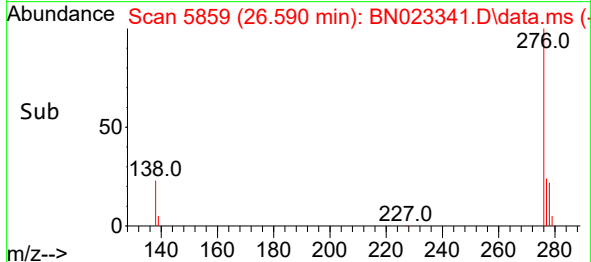
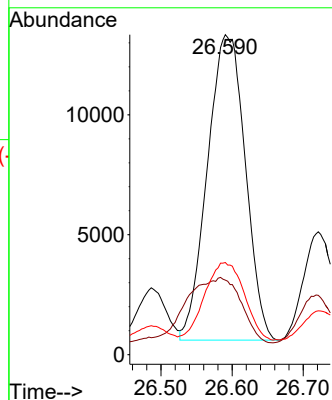
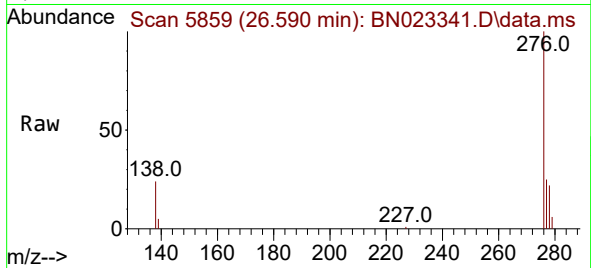




#28
Dibenzo(a,h)anthracene
Concen: 0.641 ng/ul
RT: 26.590 min Scan# 5859
Delta R.T. -0.011 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

Instrument :
BNA_N
ClientSampleId :
DBXV3

Tgt Ion:278 Resp: 47019
Ion Ratio Lower Upper
278 100
139 23.3 16.6 24.8
279 28.8 21.3 31.9



#29
Benzo(g,h,i)perylene
Concen: 2.007 ng/ul
RT: 27.375 min Scan# 6093
Delta R.T. 0.006 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

Tgt Ion:276 Resp: 154819
Ion Ratio Lower Upper
276 100
138 25.0 20.3 30.5
277 23.8 19.7 29.5

