

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021323\
 Data File : BN024011.D
 Acq On : 13 Feb 2023 13:16
 Operator : CG/JU
 Sample : 01443-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3E97

Quant Time: Feb 14 01:22:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN013023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 01:13:07 2023
 Response via : Initial Calibration

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

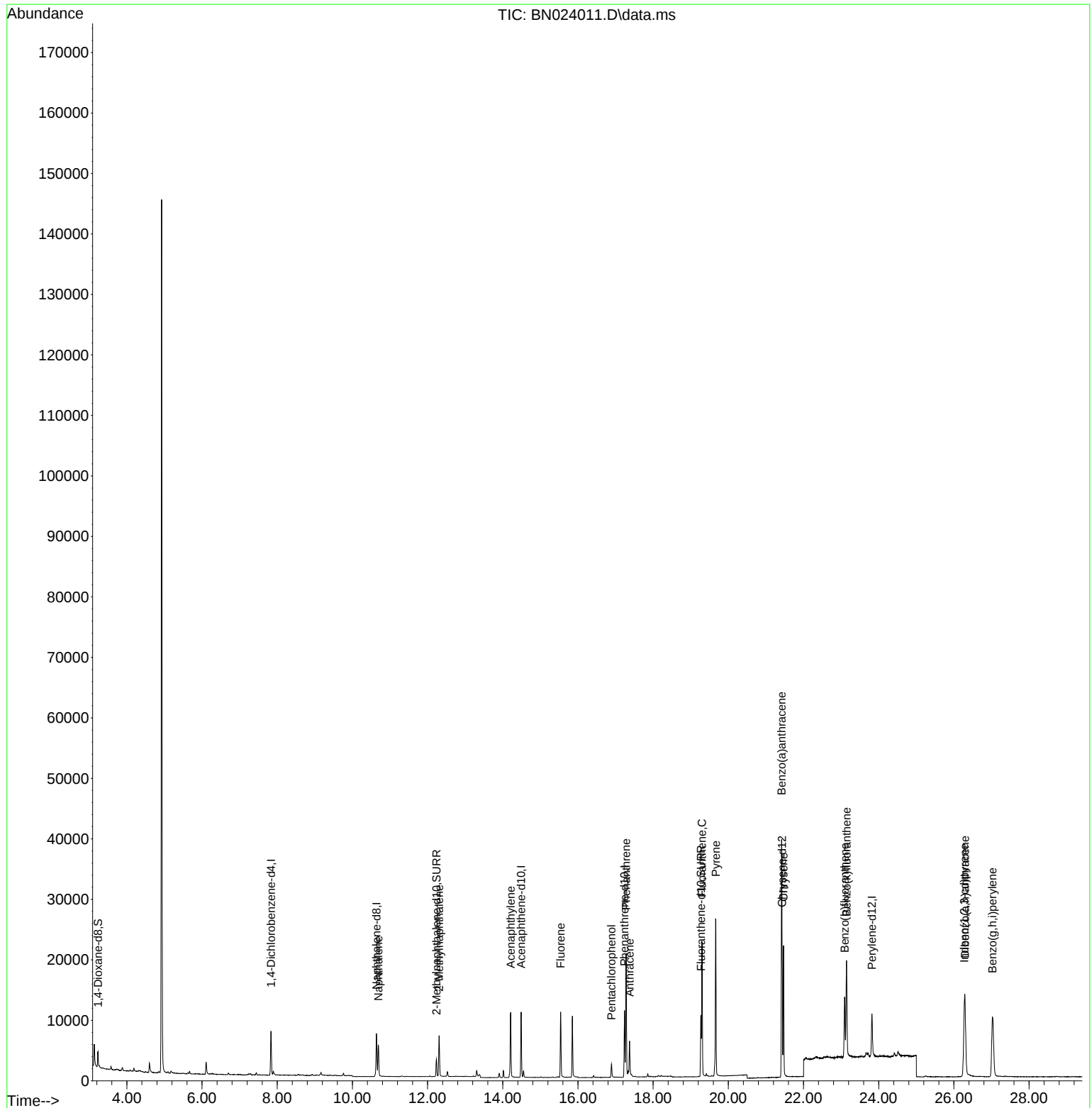
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	3701	0.400	ng/u1	0.00
4) Naphthalene-d8	10.639	136	9656	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.488	164	5617	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.238	188	12598	0.400	ng/u1	# 0.00
17) Chrysene-d12	21.432	240	11880	0.400	ng/u1	# 0.00
23) Perylene-d12	23.820	264	9255	0.400	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.231	96	1578	0.398	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.234	152	3771	0.250	ng/u1	0.00
18) Fluoranthene-d10	19.272	212	11223	0.352	ng/u1	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.689	128	7284	0.276	ng/u1	100
7) 2-Methylnaphthalene	12.306	142	4793	0.279	ng/u1	100
10) Acenaphthylene	14.210	152	12381	0.576	ng/u1	98
12) Fluorene	15.538	166	6855	0.300	ng/u1	97
14) Pentachlorophenol	16.892	266	1507	0.363	ng/u1	99
15) Phenanthrene	17.280	178	21554	0.574	ng/u1	99
16) Anthracene	17.373	178	7119	0.226	ng/u1	98
19) Fluoranthene	19.299	202	18930	0.479	ng/u1#	94
20) Pyrene	19.667	202	22372	0.547	ng/u1	98
21) Benzo(a)anthracene	21.417	228	30694	0.761	ng/u1	100
22) Chrysene	21.470	228	18096	0.426	ng/u1	99
24) Benzo(b)fluoranthene	23.092	252	13880	0.339	ng/u1	92
25) Benzo(k)fluoranthene	23.145	252	21586	0.540	ng/u1#	98
27) Indeno(1,2,3-cd)pyrene	26.275	276	18637	0.390	ng/u1#	55
28) Dibenzo(a,h)anthracene	26.299	278	16441	0.430	ng/u1	98
29) Benzo(g,h,i)perylene	27.026	276	24774	0.630	ng/u1	97

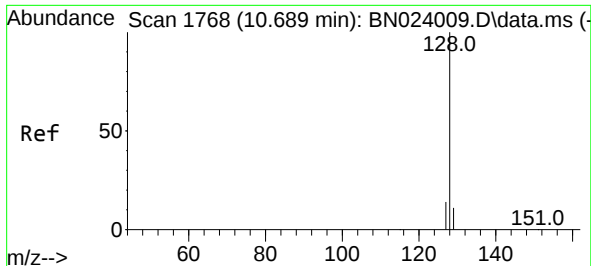
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 14 01:22:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 14 01:13:07 2023
Response via : Initial Calibration

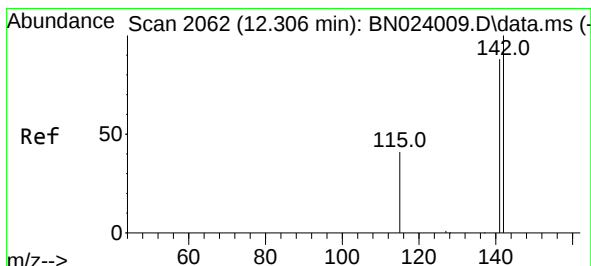
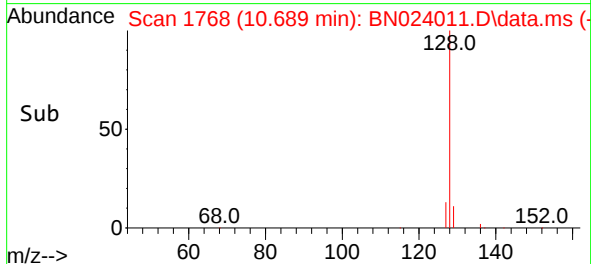
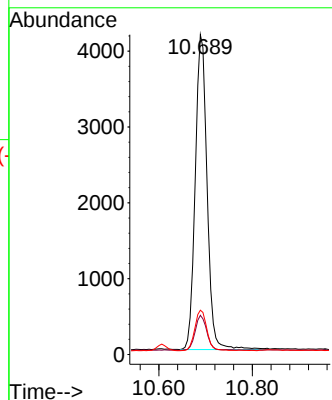
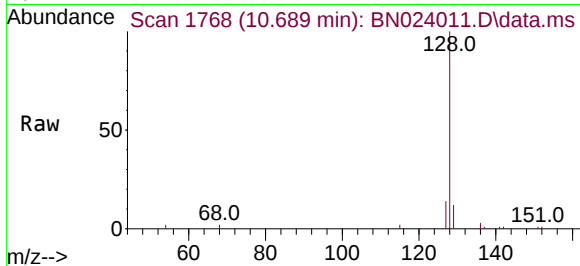




#5
Naphthalene
Concen: 0.276 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BN024011.D
Acq: 13 Feb 2023 13:16

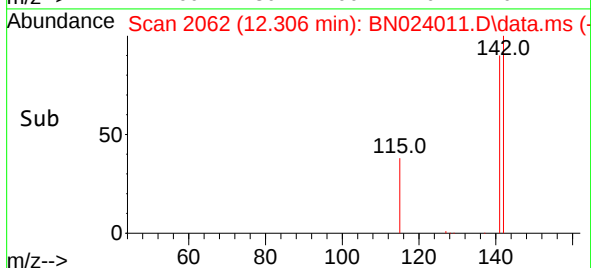
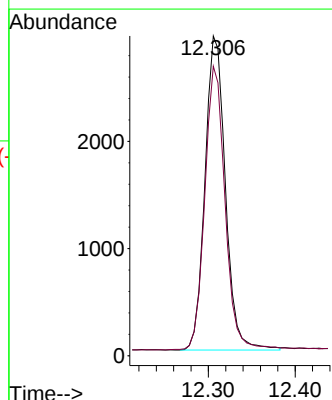
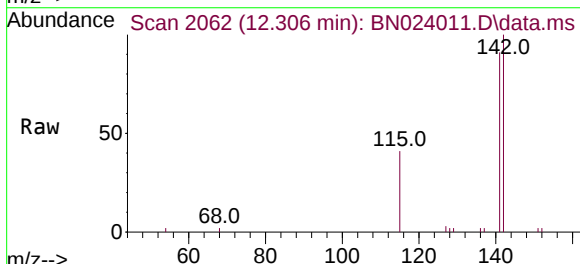
Instrument :
BNA_N
ClientSampleId :
X3E97

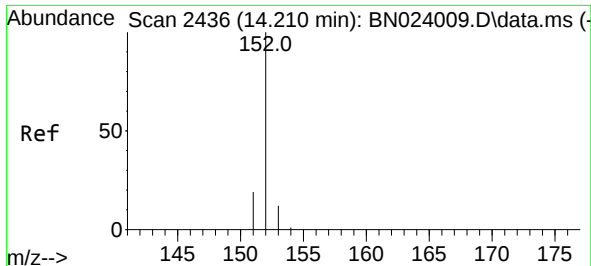
Tgt Ion:128 Resp: 7284
Ion Ratio Lower Upper
128 100
129 12.3 9.7 14.5
127 13.8 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.306 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN024011.D
Acq: 13 Feb 2023 13:16

Tgt Ion:142 Resp: 4793
Ion Ratio Lower Upper
142 100
141 89.7 71.6 107.4

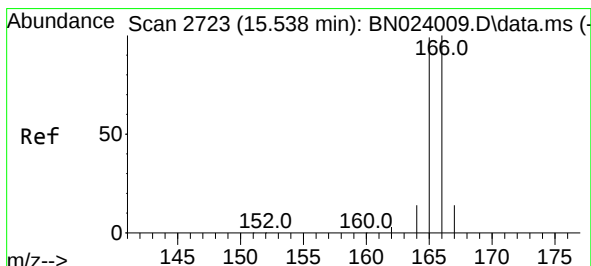
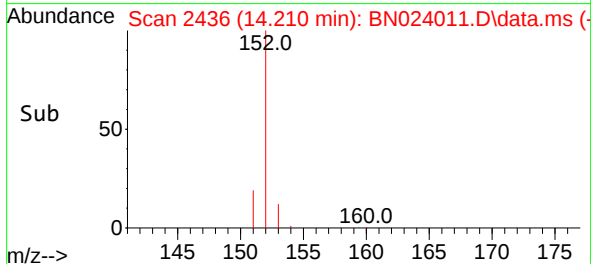
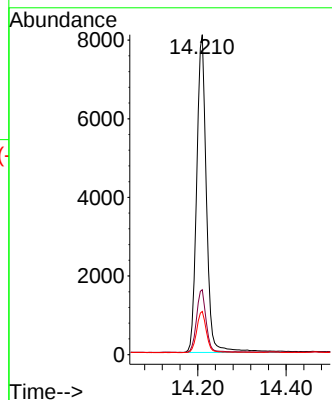
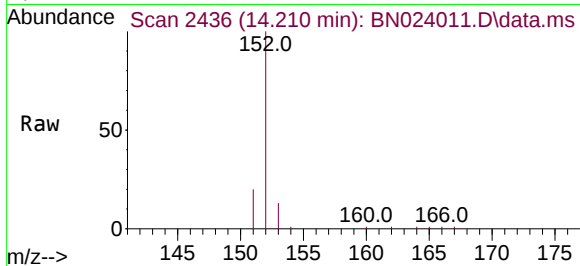




#10
Acenaphthylene
Concen: 0.576 ng/ul
RT: 14.210 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BN024011.D
Acq: 13 Feb 2023 13:16

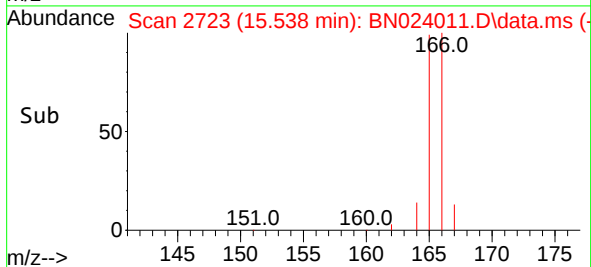
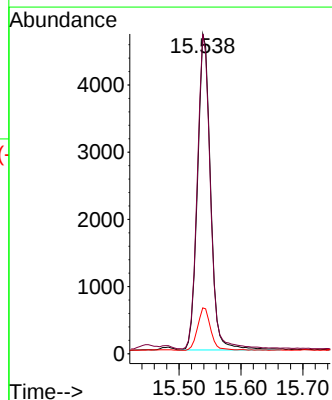
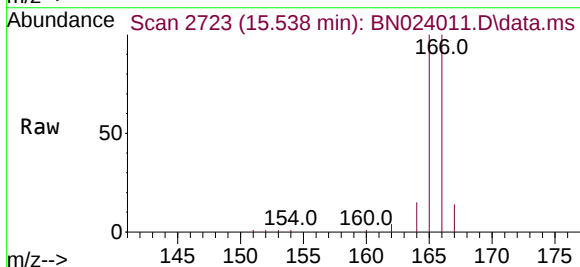
Instrument :
BNA_N
ClientSampleId :
X3E97

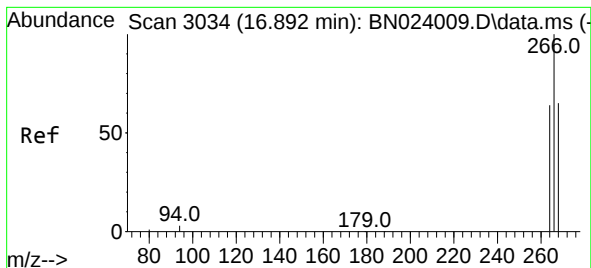
Tgt Ion:	152	Resp:	12381
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.0	25.4
153	13.5	11.1	16.7



#12
Fluorene
Concen: 0.300 ng/ul
RT: 15.538 min Scan# 2723
Delta R.T. 0.000 min
Lab File: BN024011.D
Acq: 13 Feb 2023 13:16

Tgt Ion:	166	Resp:	6855
Ion Ratio	Lower	Upper	
166	100		
165	100.0	77.4	116.2
167	14.4	11.4	17.0





#14

Pentachlorophenol

Concen: 0.363 ng/ul

RT: 16.892 min Scan# 3034

Delta R.T. 0.000 min

Lab File: BN024011.D

Acq: 13 Feb 2023 13:16

Instrument :

BNA_N

ClientSampleId :

X3E97

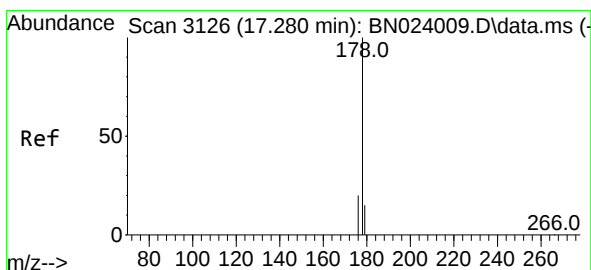
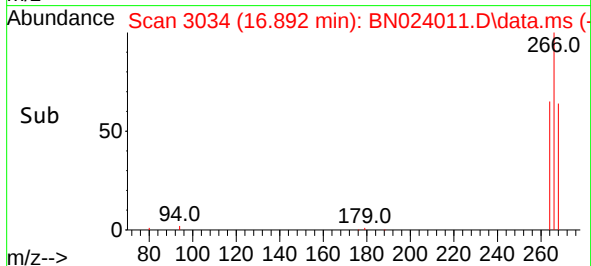
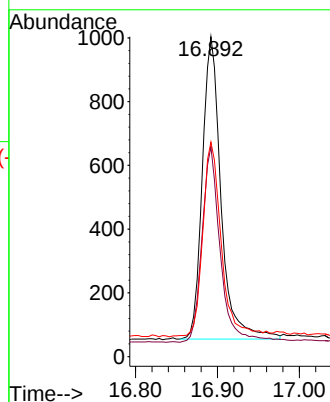
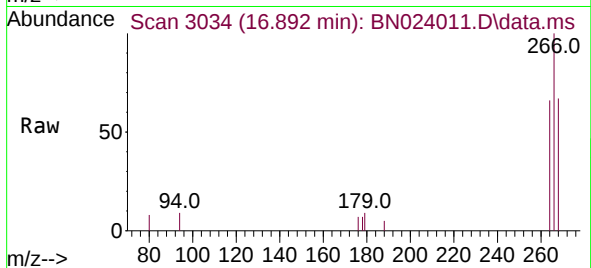
Tgt Ion:266 Resp: 1507

Ion Ratio Lower Upper

266 100

264 63.2 49.4 74.0

268 64.4 52.0 78.0



#15

Phenanthrene

Concen: 0.574 ng/ul

RT: 17.280 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BN024011.D

Acq: 13 Feb 2023 13:16

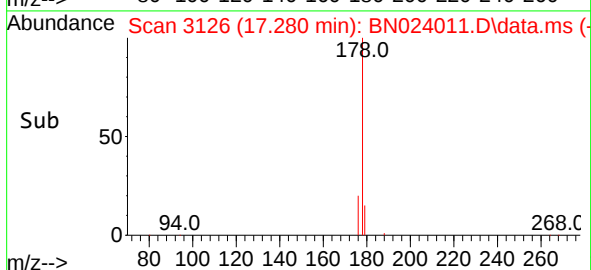
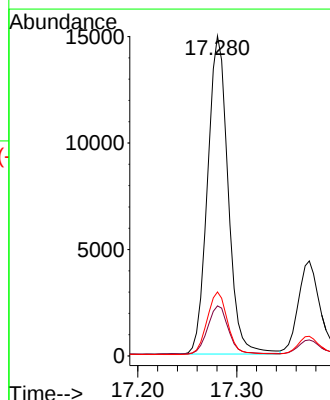
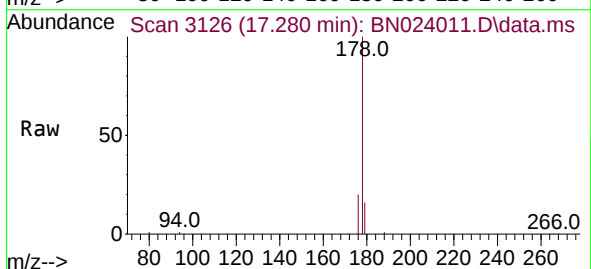
Tgt Ion:178 Resp: 21554

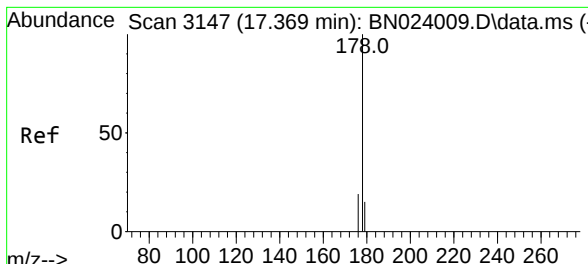
Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

176 20.0 15.7 23.5

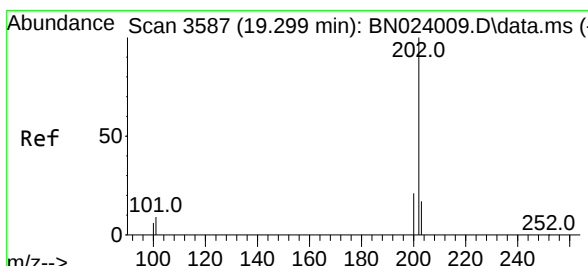
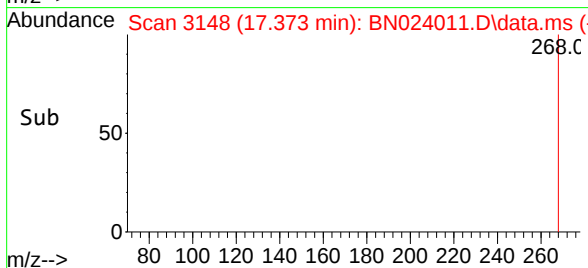
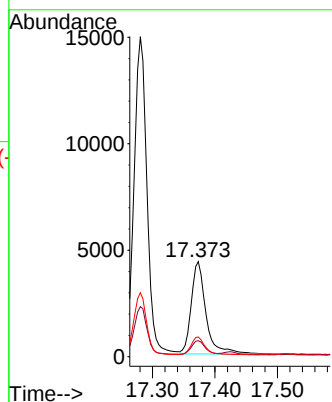
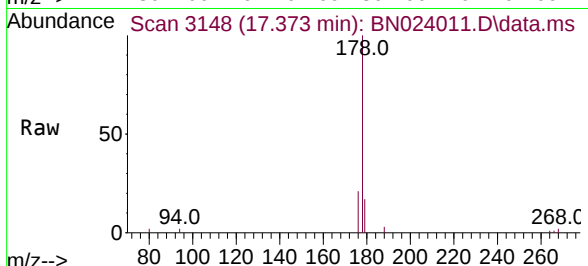




#16
 Anthracene
 Concen: 0.226 ng/ul
 RT: 17.373 min Scan# 3148
 Delta R.T. 0.004 min
 Lab File: BN024011.D
 Acq: 13 Feb 2023 13:16

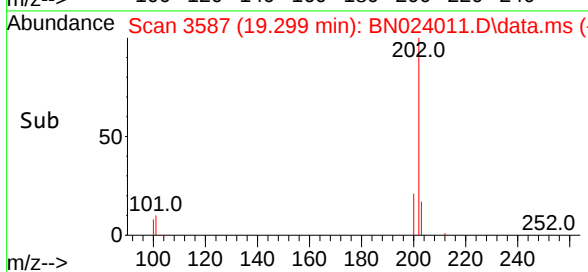
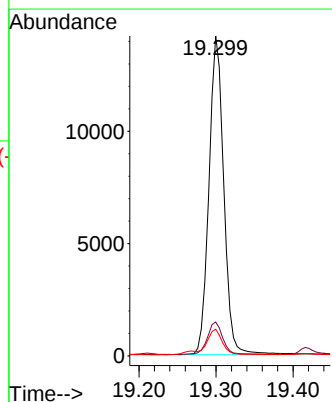
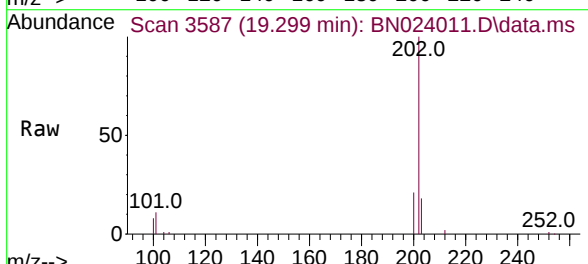
Instrument :
 BNA_N
 ClientSampleId :
 X3E97

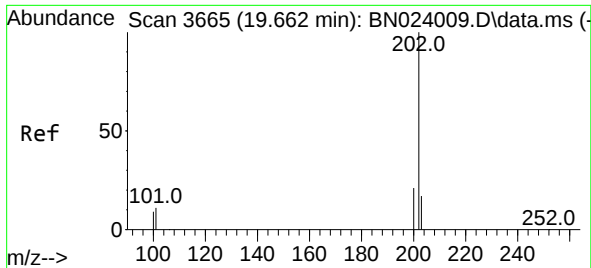
Tgt Ion:	178	Resp:	7119
Ion Ratio	100	Lower	Upper
178	100		
179	16.8	13.4	20.0
176	20.6	15.4	23.2



#19
 Fluoranthene
 Concen: 0.479 ng/ul
 RT: 19.299 min Scan# 3587
 Delta R.T. 0.000 min
 Lab File: BN024011.D
 Acq: 13 Feb 2023 13:16

Tgt Ion:	202	Resp:	18930
Ion Ratio	100	Lower	Upper
202	100		
101	10.6	6.8	10.2#
100	8.4	5.2	7.8#

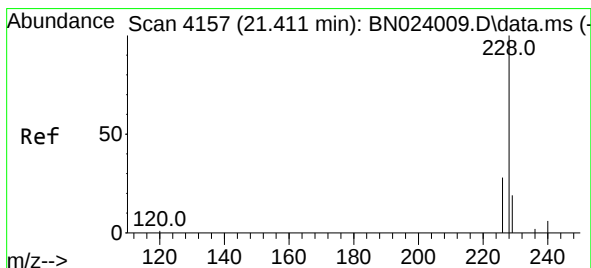
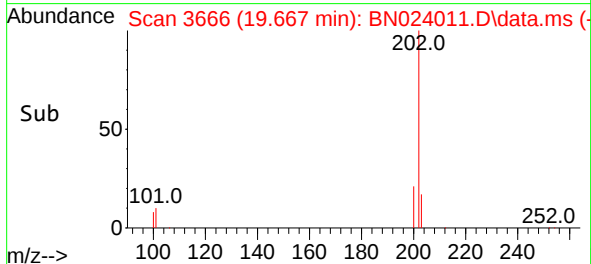
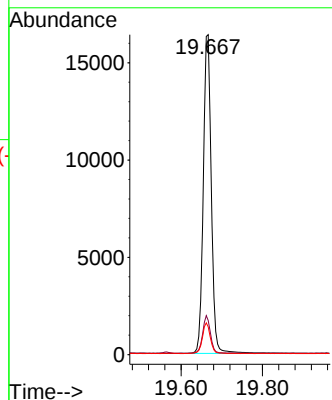
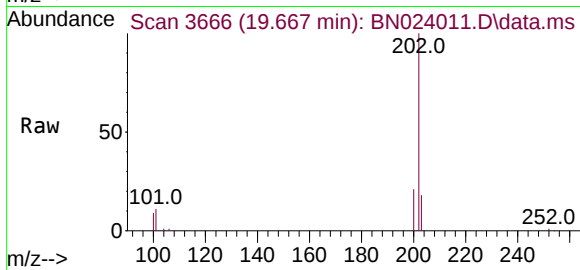




#20
Pyrene
Concen: 0.547 ng/ul
RT: 19.667 min Scan# 3666
Delta R.T. 0.005 min
Lab File: BN024011.D
Acq: 13 Feb 2023 13:16

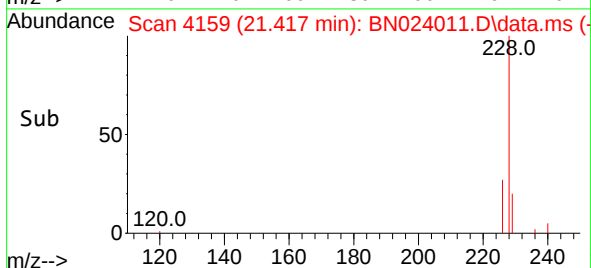
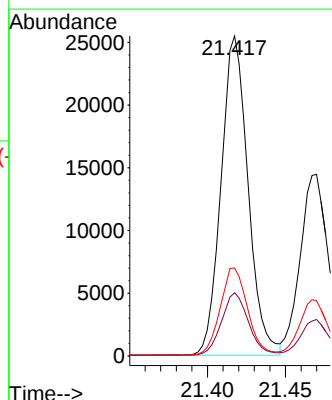
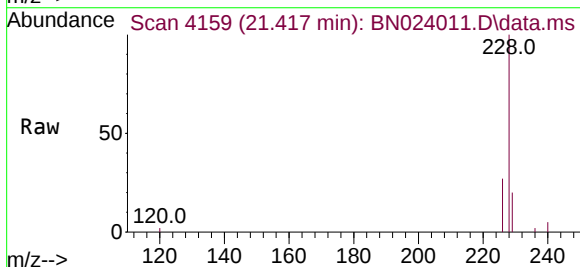
Instrument :
BNA_N
ClientSampleId :
X3E97

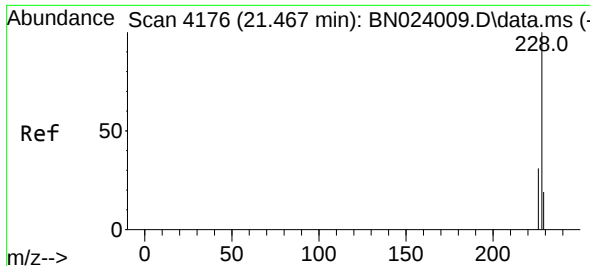
Tgt Ion:202 Resp: 22372
Ion Ratio Lower Upper
202 100
101 10.7 8.1 12.1
100 8.7 6.2 9.4



#21
Benzo(a)anthracene
Concen: 0.761 ng/ul
RT: 21.417 min Scan# 4159
Delta R.T. 0.006 min
Lab File: BN024011.D
Acq: 13 Feb 2023 13:16

Tgt Ion:228 Resp: 30694
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 27.5 22.0 33.0





#22

Chrysene

Concen: 0.426 ng/ul

RT: 21.470 min Scan# 4177

Delta R.T. 0.003 min

Lab File: BN024011.D

Acq: 13 Feb 2023 13:16

Instrument :

BNA_N

ClientSampleId :

X3E97

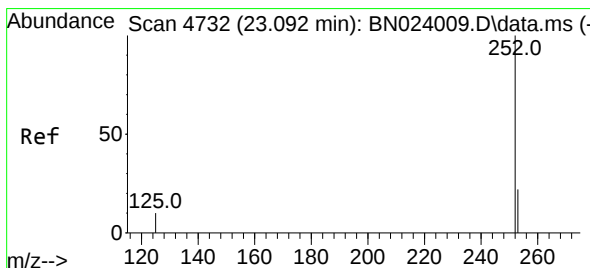
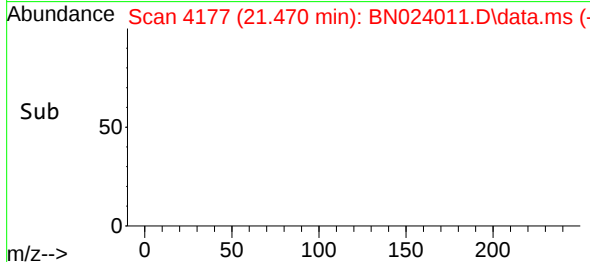
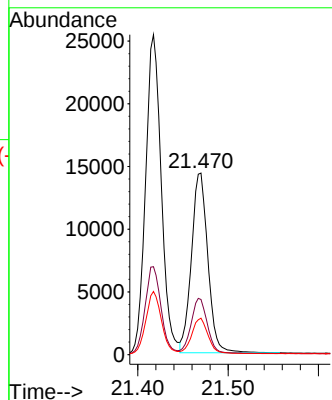
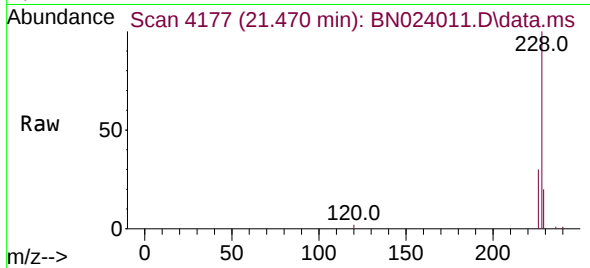
Tgt Ion:228 Resp: 18096

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 20.1 15.5 23.3



#24

Benzo(b)fluoranthene

Concen: 0.339 ng/ul

RT: 23.092 min Scan# 4732

Delta R.T. 0.000 min

Lab File: BN024011.D

Acq: 13 Feb 2023 13:16

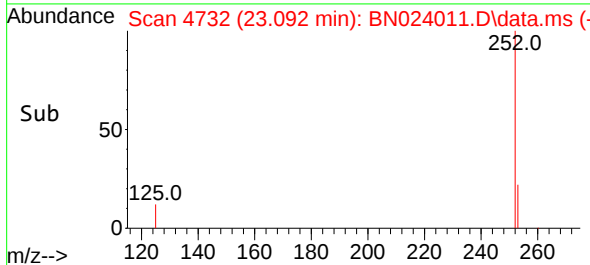
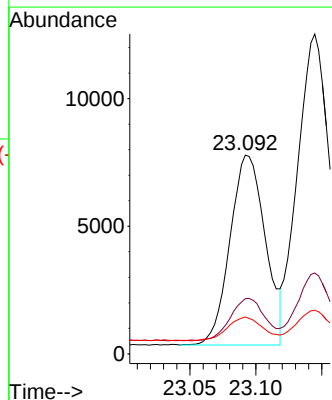
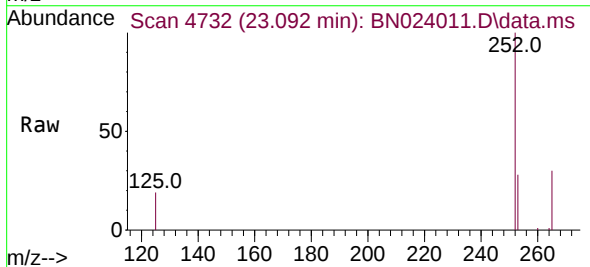
Tgt Ion:252 Resp: 13880

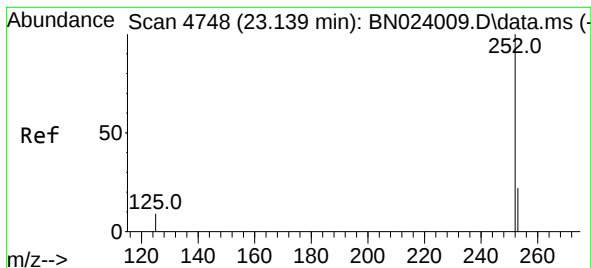
Ion Ratio Lower Upper

252 100

253 27.8 0.0 51.8

125 18.5 0.0 23.6





#25

Benzo(k)fluoranthene

Concen: 0.540 ng/ul

RT: 23.145 min Scan# 41

Delta R.T. 0.006 min

Lab File: BN024011.D

Acq: 13 Feb 2023 13:16

Instrument :

BNA_N

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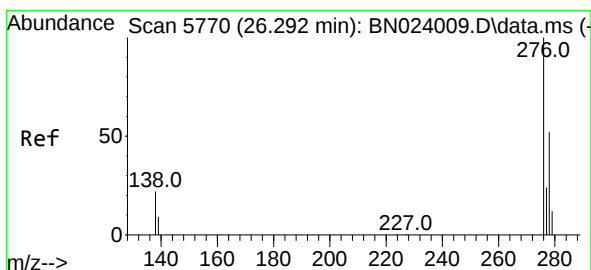
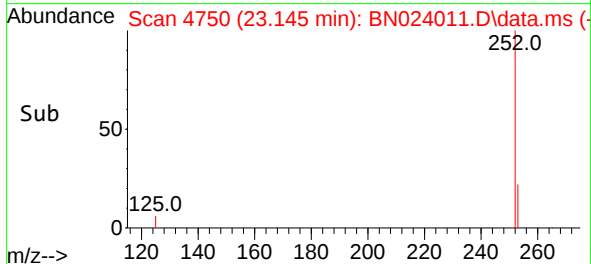
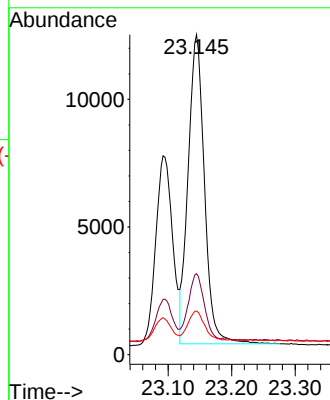
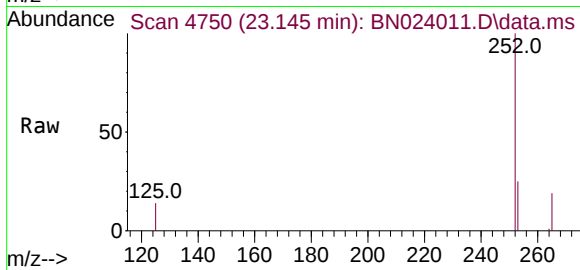
Tgt Ion:252 Resp: 21586

Ion Ratio Lower Upper

252 100

253 25.3 20.2 30.2

125 13.6 9.0 13.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.390 ng/ul

RT: 26.275 min Scan# 5765

Delta R.T. -0.017 min

Lab File: BN024011.D

Acq: 13 Feb 2023 13:16

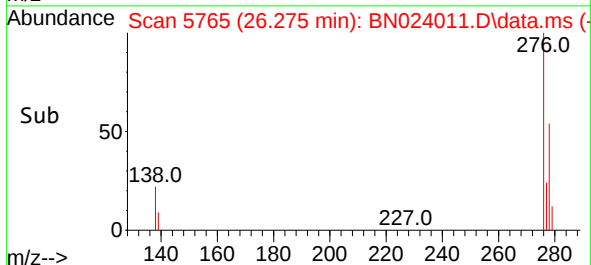
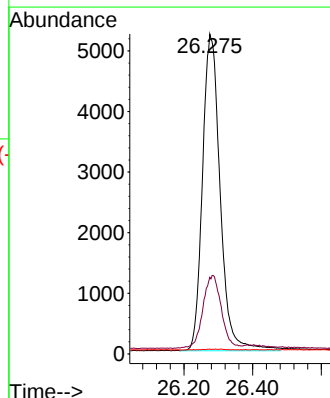
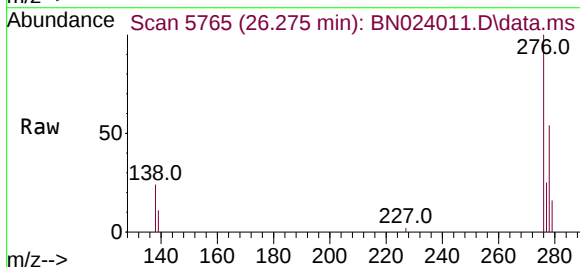
Tgt Ion:276 Resp: 18637

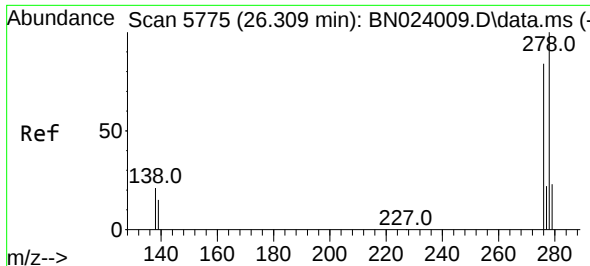
Ion Ratio Lower Upper

276 100

138 0.0 17.0 25.6#

227 0.1 0.2 0.4#

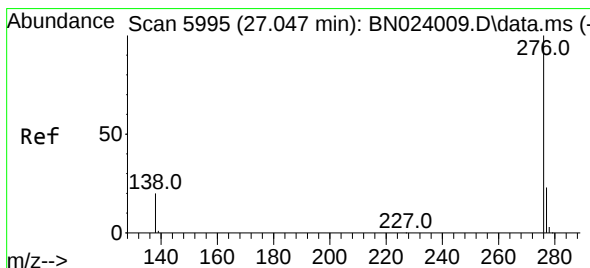
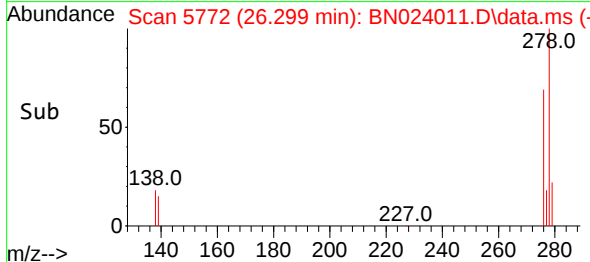
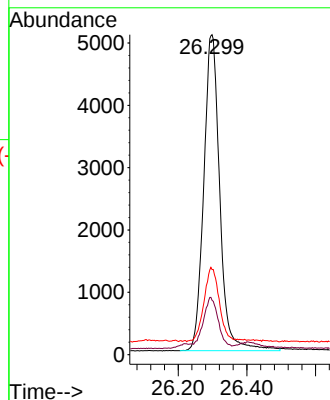
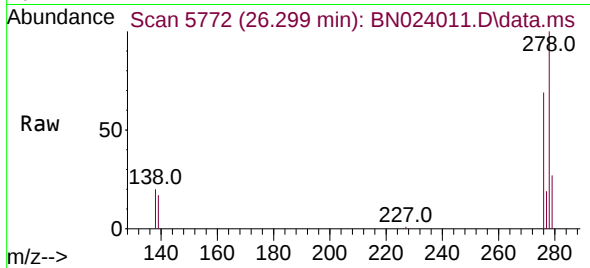




#28
Dibenzo(a,h)anthracene
Concen: 0.430 ng/ul
RT: 26.299 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN024011.D
Acq: 13 Feb 2023 13:16

Instrument :
BNA_N
ClientSampleId :
X3E97

Tgt Ion:278 Resp: 16441
Ion Ratio Lower Upper
278 100
139 17.0 12.3 18.5
279 26.6 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.630 ng/ul
RT: 27.026 min Scan# 5989
Delta R.T. -0.020 min
Lab File: BN024011.D
Acq: 13 Feb 2023 13:16

Tgt Ion:276 Resp: 24774
Ion Ratio Lower Upper
276 100
138 21.6 15.3 22.9
277 24.3 19.9 29.9

