

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021323\
 Data File : BN024016.D
 Acq On : 13 Feb 2023 16:48
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 14 01:16:17 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)

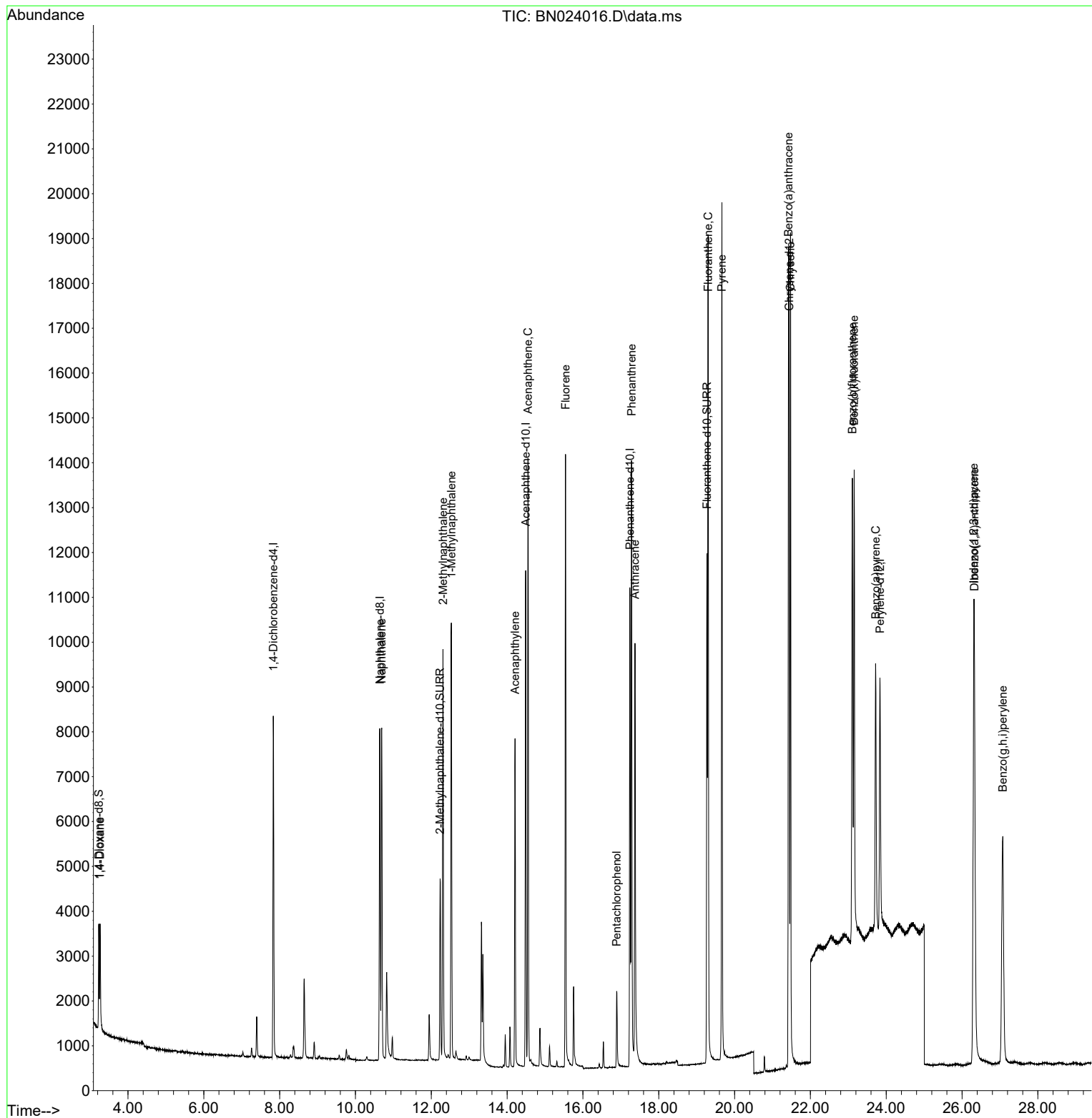
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	3826	0.400	ng/ul	0.00
4) Naphthalene-d8	10.643	136	9998	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.491	164	5900	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.241	188	13118	0.400	ng/ul	0.00
17) Chrysene-d12	21.438	240	11180	0.400	ng/ul	# 0.00
23) Perylene-d12	23.835	264	7796	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.231	96	1507	0.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	5272	0.337	ng/ul	0.00
18) Fluoranthene-d10	19.270	212	12669	0.422	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	1570	0.361	ng/ul#	86
5) Naphthalene	10.693	128	10053	0.368	ng/ul	99
7) 2-Methylnaphthalene	12.310	142	6369	0.358	ng/ul	100
8) 1-Methylnaphthalene	12.530	142	6565	0.361	ng/ul	100
10) Acenaphthylene	14.209	152	8395	0.372	ng/ul	99
11) Acenaphthene	14.551	153	7524	0.379	ng/ul	98
12) Fluorene	15.541	166	8627	0.359	ng/ul	97
14) Pentachlorophenol	16.891	266	1235	0.285	ng/ul	100
15) Phenanthrene	17.283	178	14437	0.369	ng/ul	100
16) Anthracene	17.372	178	11794	0.360	ng/ul	99
19) Fluoranthene	19.303	202	16610	0.447	ng/ul	97
20) Pyrene	19.665	202	16655	0.433	ng/ul#	96
21) Benzo(a)anthracene	21.423	228	13542	0.357	ng/ul	99
22) Chrysene	21.473	228	15490	0.387	ng/ul	99
24) Benzo(b)fluoranthene	23.107	252	14298	0.415	ng/ul	98
25) Benzo(k)fluoranthene	23.154	252	13991	0.416	ng/ul#	97
26) Benzo(a)pyrene	23.721	252	10600	0.369	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.309	276	14271	0.355	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.326	278	11356	0.353	ng/ul	98
29) Benzo(g,h,i)perylene	27.074	276	12554	0.379	ng/ul	97

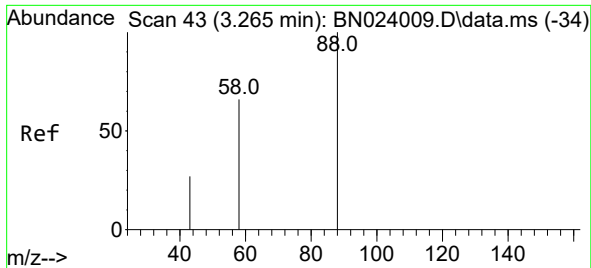
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021323\
Data File : BN024016.D
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Operator : CG/JU
Sample : SSTDC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
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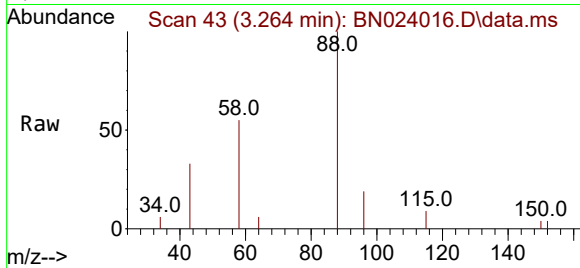
Quant Time: Feb 14 01:16:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 14 01:13:07 2023
Response via : Initial Calibration



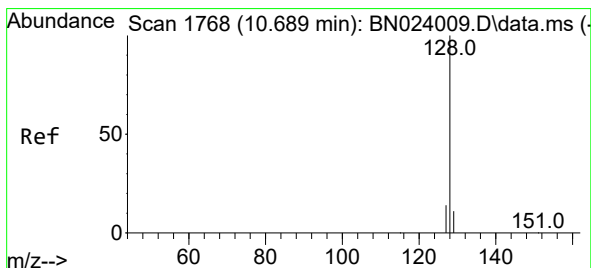
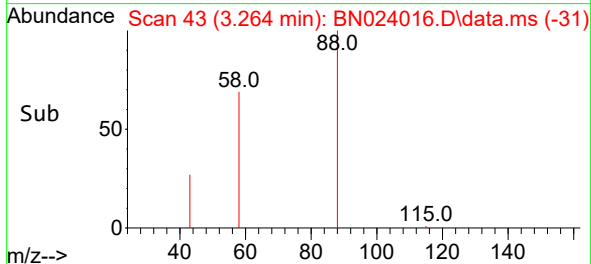
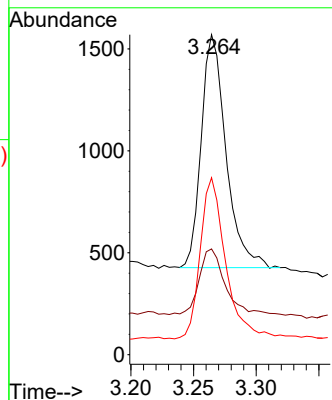


#2
1,4-Dioxane
Concen: 0.361 ng/ul
RT: 3.264 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN024016.D
Acq: 13 Feb 2023 16:48

Instrument :
BNA_N
ClientSampleId :

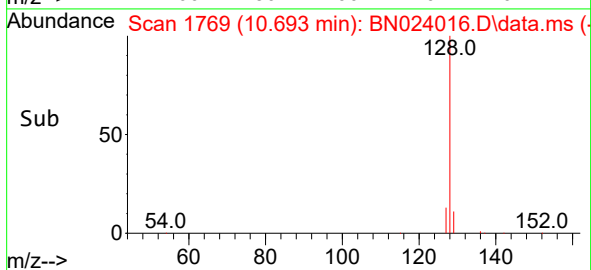
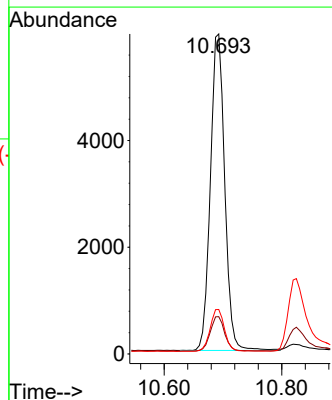
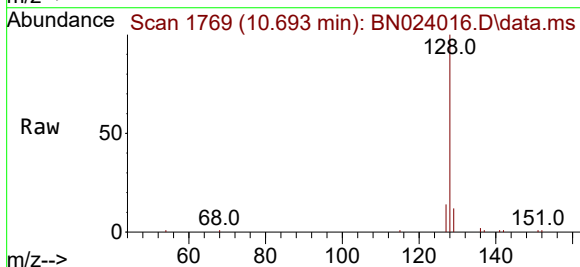


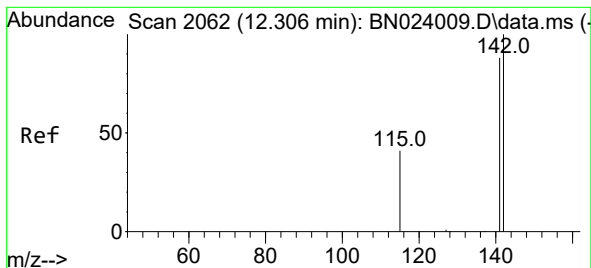
Tgt Ion: 88 Resp: 1570
Ion Ratio Lower Upper
88 100
43 33.1 41.9 62.9#
58 55.3 45.6 68.4



#5
Naphthalene
Concen: 0.368 ng/ul
RT: 10.693 min Scan# 1769
Delta R.T. 0.004 min
Lab File: BN024016.D
Acq: 13 Feb 2023 16:48

Tgt Ion:128 Resp: 10053
Ion Ratio Lower Upper
128 100
129 11.7 9.7 14.5
127 13.9 11.1 16.7





#7

2-Methylnaphthalene

Concen: 0.358 ng/ul

RT: 12.310 min Scan# 2062

Delta R.T. 0.004 min

Lab File: BN024016.D

Acq: 13 Feb 2023 16:48

Instrument :

BNA_N

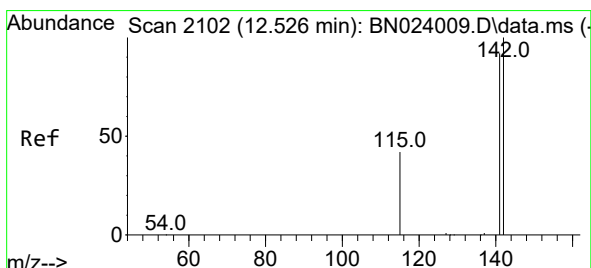
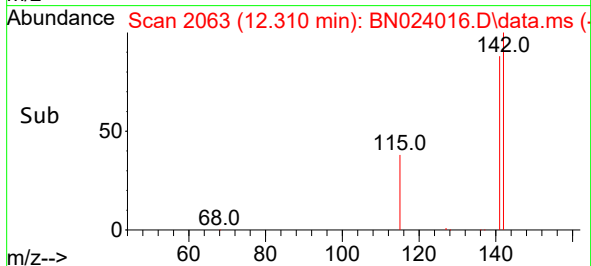
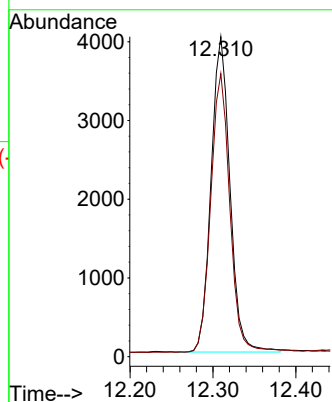
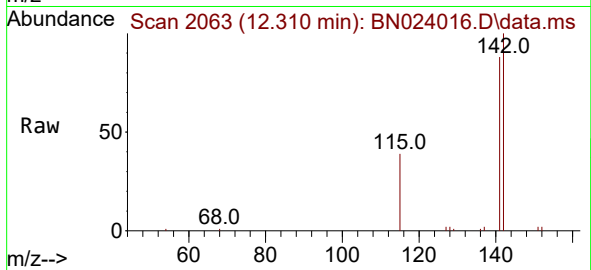
ClientSampleId :

Tgt Ion:142 Resp: 6369

Ion Ratio Lower Upper

142 100

141 89.2 71.6 107.4



#8

1-Methylnaphthalene

Concen: 0.361 ng/ul

RT: 12.530 min Scan# 2103

Delta R.T. 0.004 min

Lab File: BN024016.D

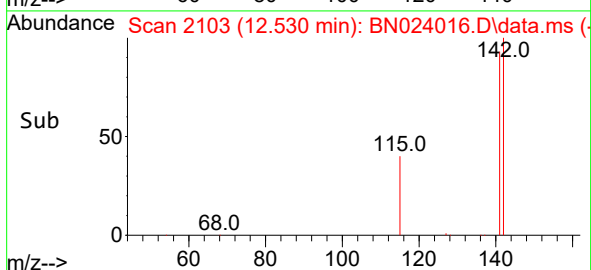
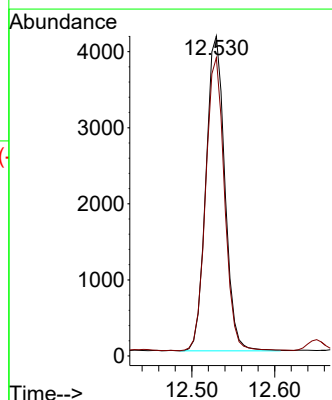
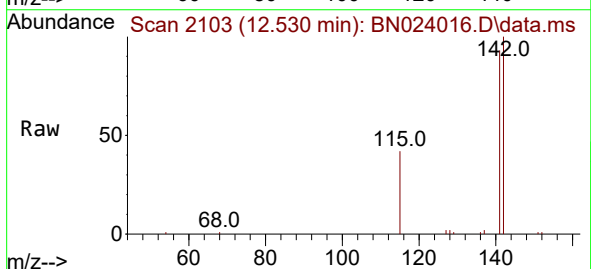
Acq: 13 Feb 2023 16:48

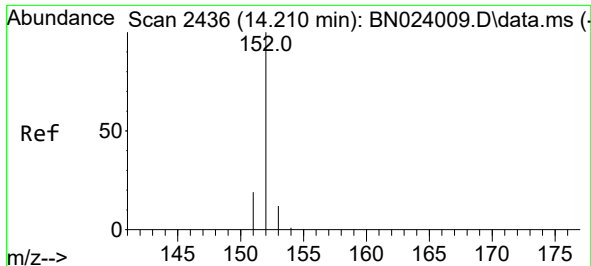
Tgt Ion:142 Resp: 6565

Ion Ratio Lower Upper

142 100

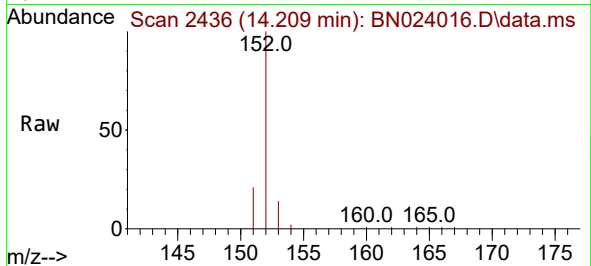
141 92.6 74.1 111.1



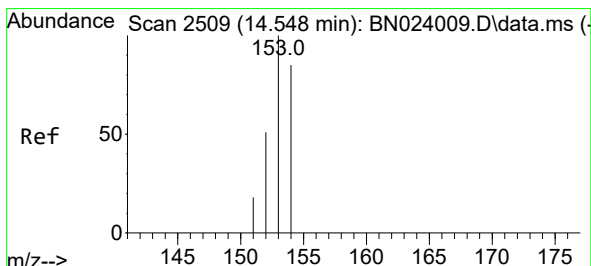
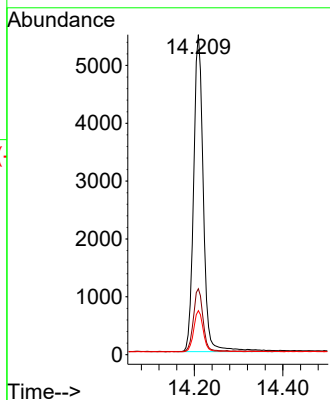
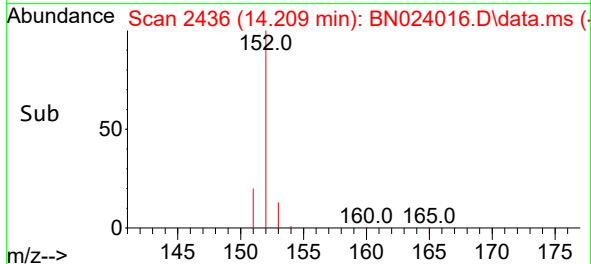


#10
Acenaphthylene
Concen: 0.372 ng/ul
RT: 14.209 min Scan# 2436
Delta R.T. -0.001 min
Lab File: BN024016.D
Acq: 13 Feb 2023 16:48

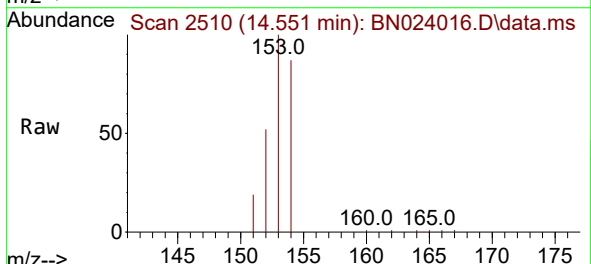
Instrument :
BNA_N
ClientSampleId :



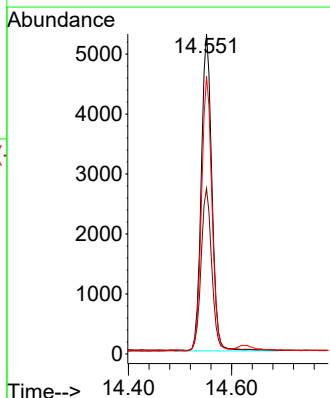
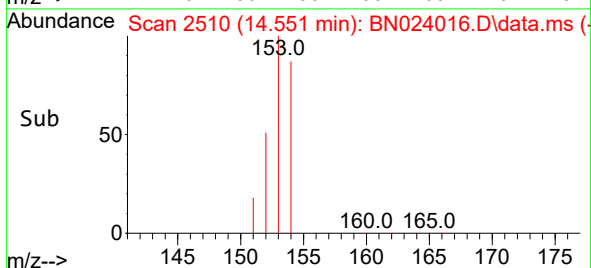
Tgt Ion:152 Resp: 8395
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.4
153 13.7 11.1 16.7

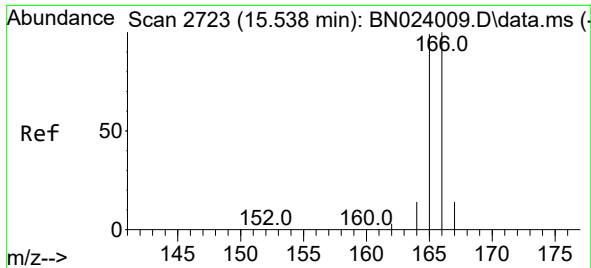


#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.551 min Scan# 2510
Delta R.T. 0.003 min
Lab File: BN024016.D
Acq: 13 Feb 2023 16:48



Tgt Ion:153 Resp: 7524
Ion Ratio Lower Upper
153 100
152 51.7 39.6 59.4
154 86.7 68.8 103.2

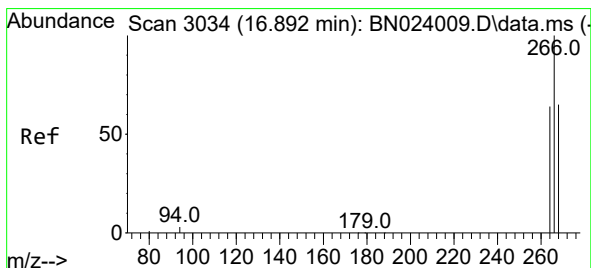
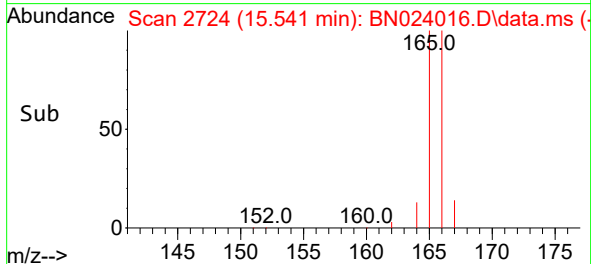
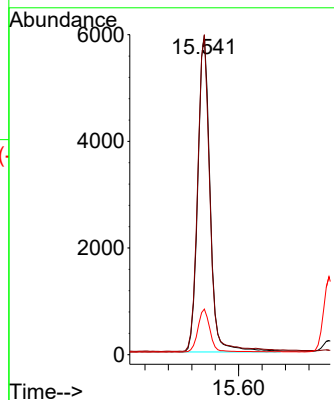
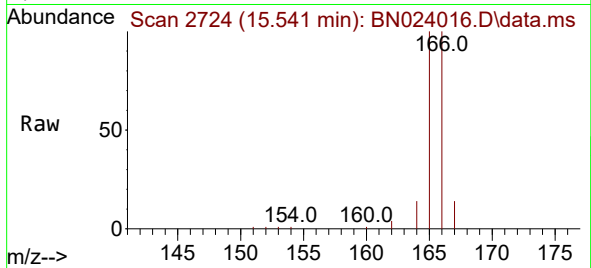




#12
 Fluorene
 Concen: 0.359 ng/ul
 RT: 15.541 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN024016.D
 Acq: 13 Feb 2023 16:48

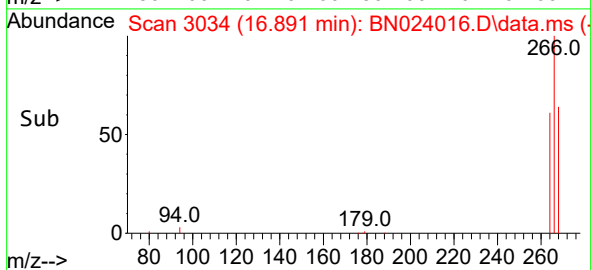
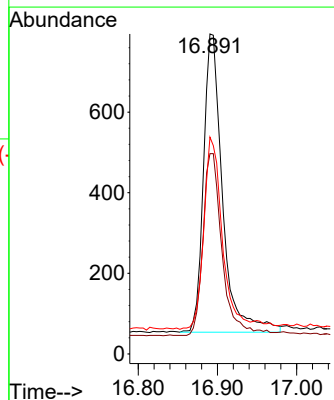
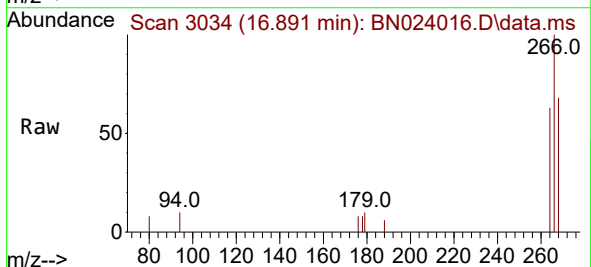
Instrument :
 BNA_N
 ClientSampleId :

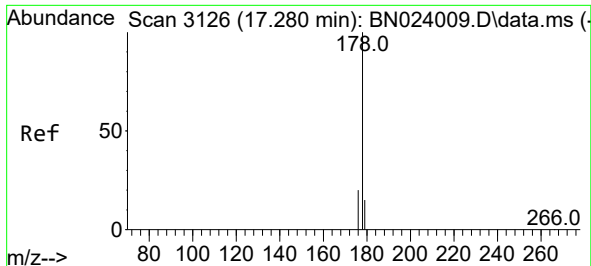
Tgt Ion:166 Resp: 8627
 Ion Ratio Lower Upper
 166 100
 165 100.3 77.4 116.2
 167 14.3 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.285 ng/ul
 RT: 16.891 min Scan# 3034
 Delta R.T. -0.001 min
 Lab File: BN024016.D
 Acq: 13 Feb 2023 16:48

Tgt Ion:266 Resp: 1235
 Ion Ratio Lower Upper
 266 100
 264 61.5 49.4 74.0
 268 64.6 52.0 78.0

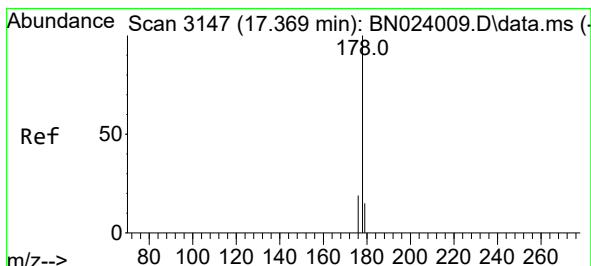
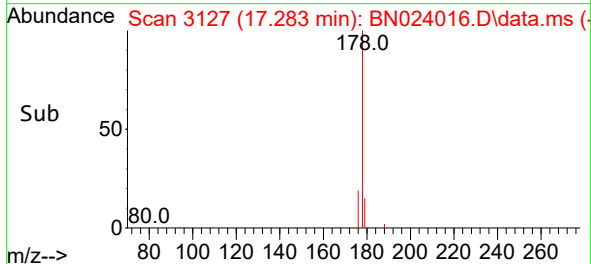
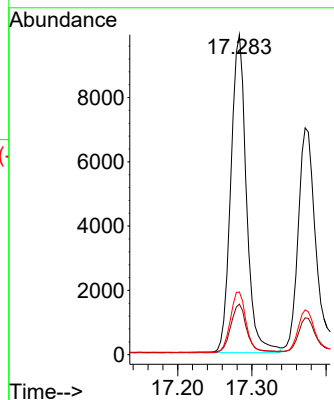
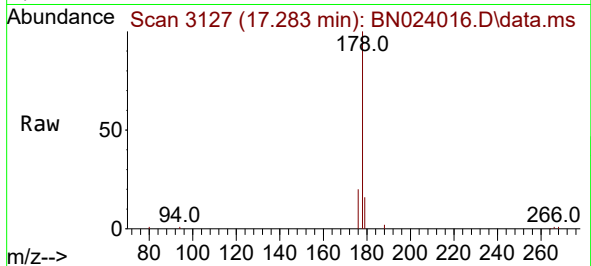




#15
Phenanthrene
Concen: 0.369 ng/ul
RT: 17.283 min Scan# 3126
Delta R.T. 0.003 min
Lab File: BN024016.D
Acq: 13 Feb 2023 16:48

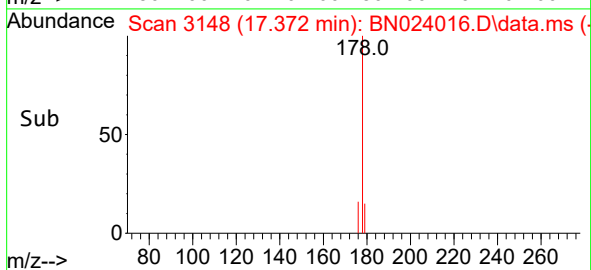
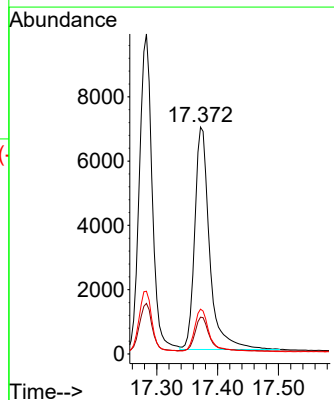
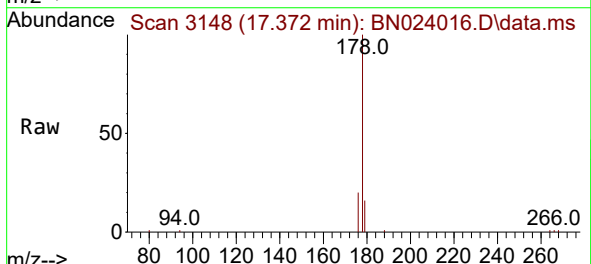
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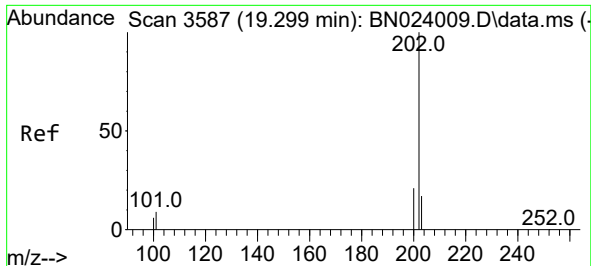
Tgt Ion:178 Resp: 14437
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.6 15.7 23.5



#16
Anthracene
Concen: 0.360 ng/ul
RT: 17.372 min Scan# 3148
Delta R.T. 0.003 min
Lab File: BN024016.D
Acq: 13 Feb 2023 16:48

Tgt Ion:178 Resp: 11794
Ion Ratio Lower Upper
178 100
179 16.2 13.4 20.0
176 19.7 15.4 23.2

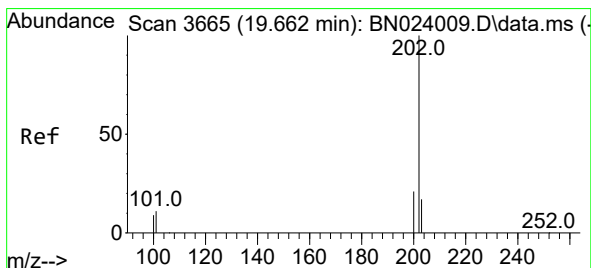
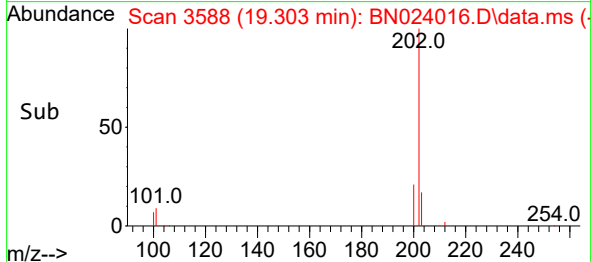
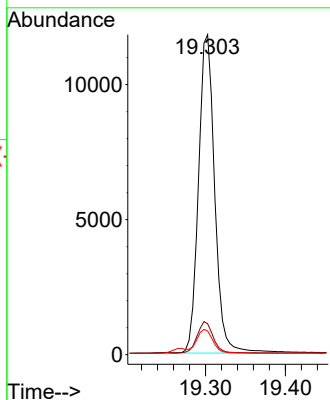
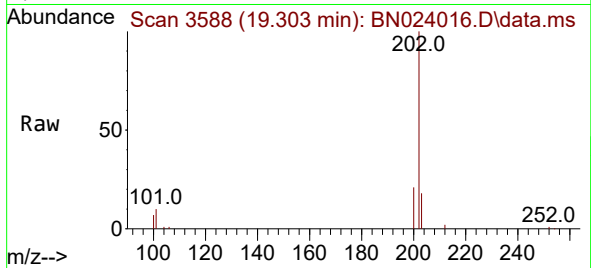




#19
Fluoranthene
Concen: 0.447 ng/ul
RT: 19.303 min Scan# 3588
Delta R.T. 0.003 min
Lab File: BN024016.D
Acq: 13 Feb 2023 16:48

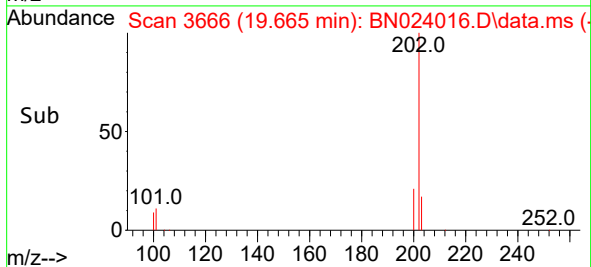
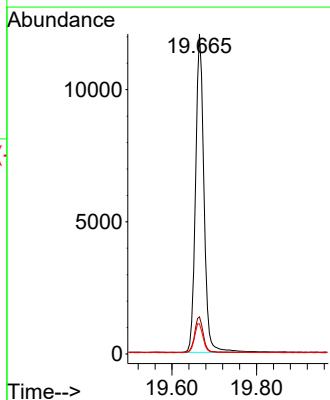
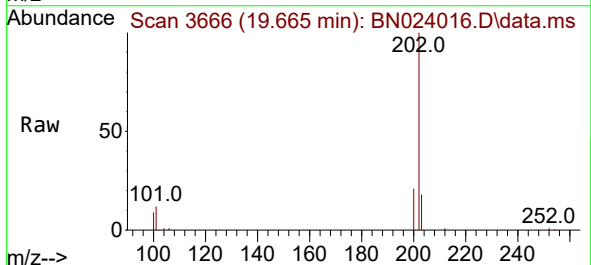
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BNA_N
ClientSampleId :

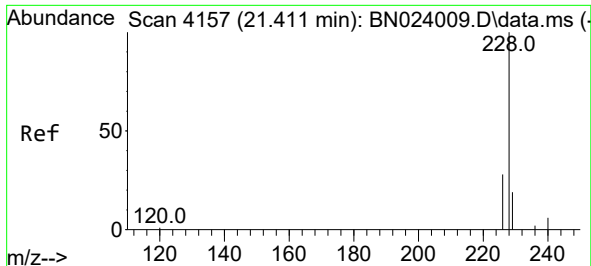
Tgt Ion:202 Resp: 16610
Ion Ratio Lower Upper
202 100
101 9.7 6.8 10.2
100 7.4 5.2 7.8



#20
Pyrene
Concen: 0.433 ng/ul
RT: 19.665 min Scan# 3666
Delta R.T. 0.003 min
Lab File: BN024016.D
Acq: 13 Feb 2023 16:48

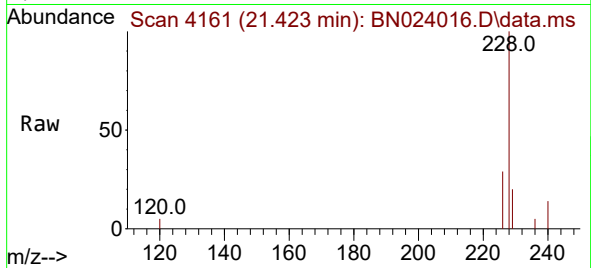
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Ion Ratio Lower Upper
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100 9.4 6.2 9.4#



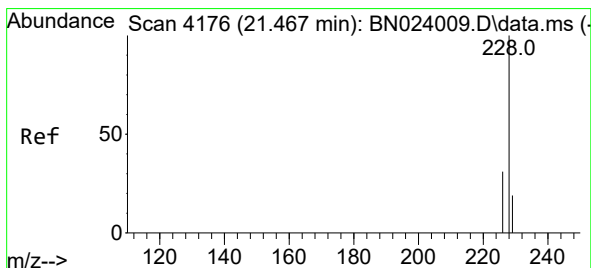
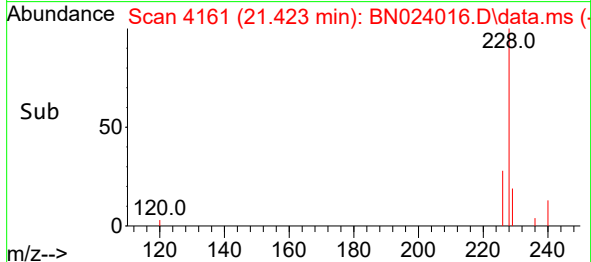
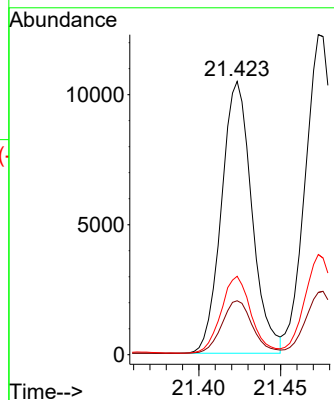


#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.423 min Scan# 4161
Delta R.T. 0.012 min
Lab File: BN024016.D
Acq: 13 Feb 2023 16:48

Instrument :
BNA_N
ClientSampleId :

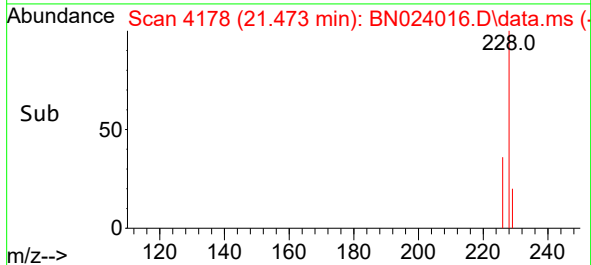
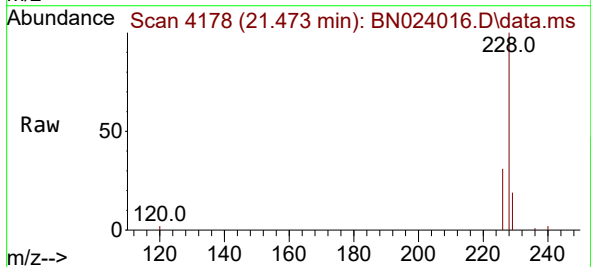
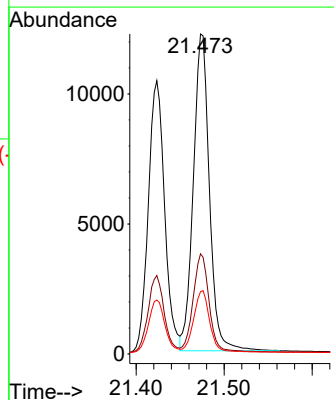


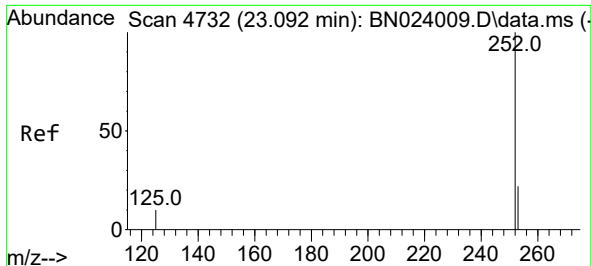
Tgt Ion:228 Resp: 13542
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 28.7 22.0 33.0



#22
Chrysene
Concen: 0.387 ng/ul
RT: 21.473 min Scan# 4178
Delta R.T. 0.006 min
Lab File: BN024016.D
Acq: 13 Feb 2023 16:48

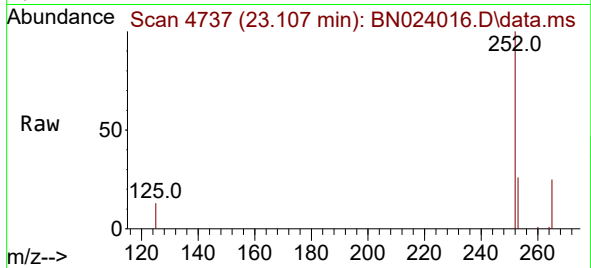
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Ion Ratio Lower Upper
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226 31.3 24.2 36.2
229 19.4 15.5 23.3



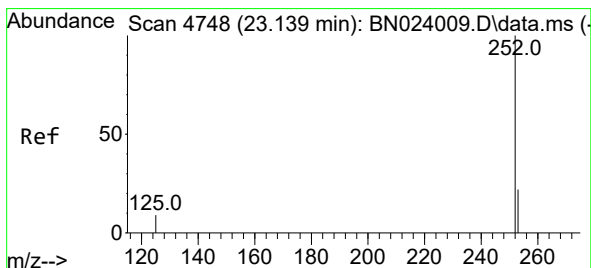
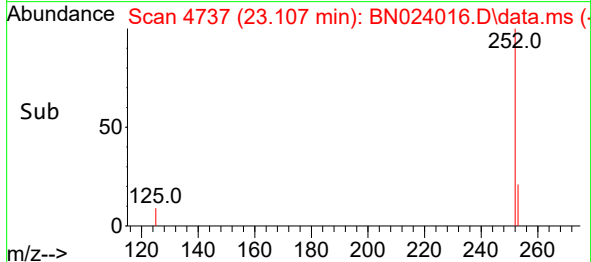
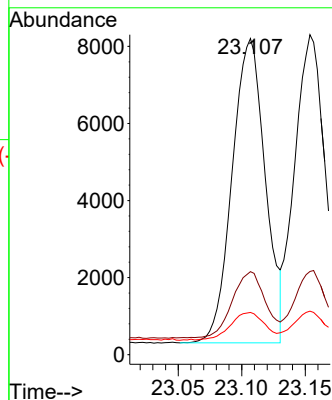


#24
Benzo(b)fluoranthene
Concen: 0.415 ng/ul
RT: 23.107 min Scan# 4737
Delta R.T. 0.015 min
Lab File: BN024016.D
Acq: 13 Feb 2023 16:48

Instrument :
BNA_N
ClientSampleId :

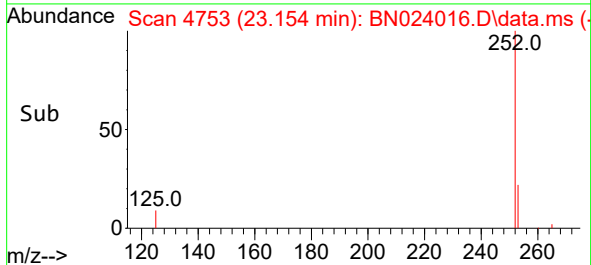
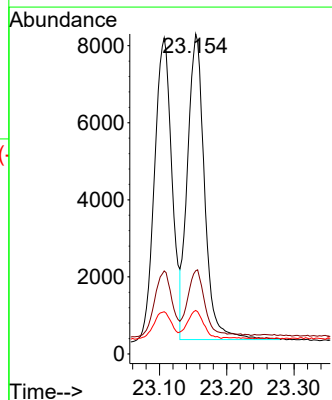
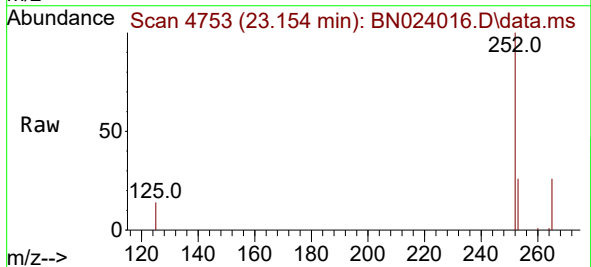


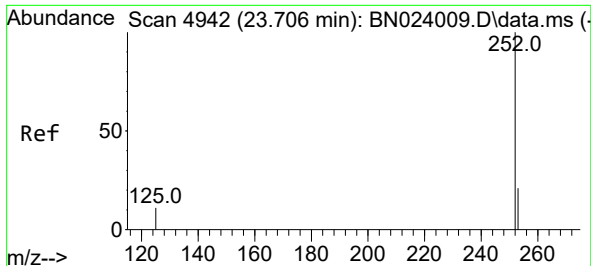
Tgt Ion:252 Resp: 14298
Ion Ratio Lower Upper
252 100
253 26.2 0.0 51.8
125 13.3 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.416 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. 0.015 min
Lab File: BN024016.D
Acq: 13 Feb 2023 16:48

Tgt Ion:252 Resp: 13991
Ion Ratio Lower Upper
252 100
253 26.0 20.2 30.2
125 13.6 9.0 13.4#

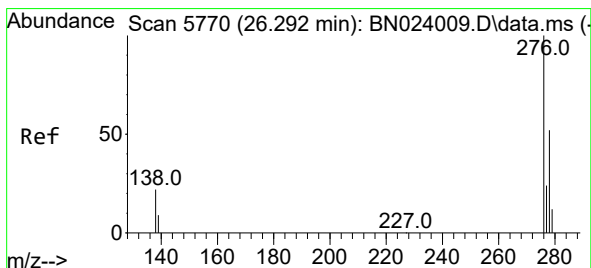
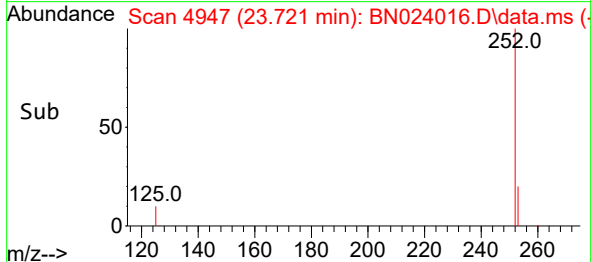
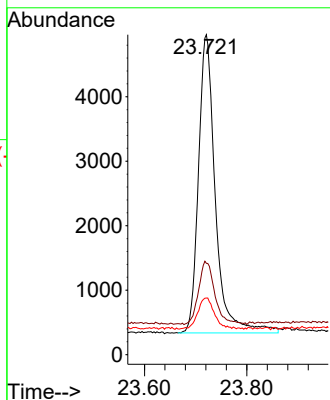
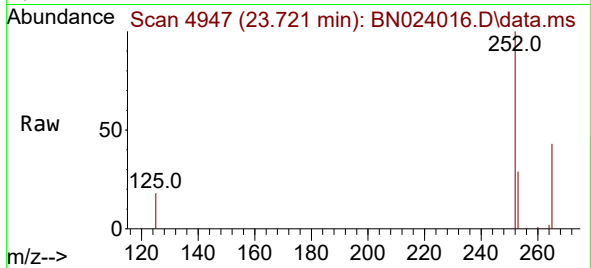




#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.721 min Scan# 4942
Delta R.T. 0.015 min
Lab File: BN024016.D
Acq: 13 Feb 2023 16:48

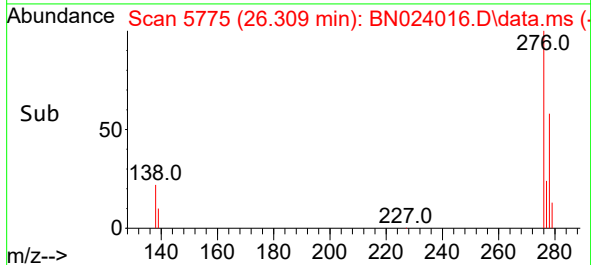
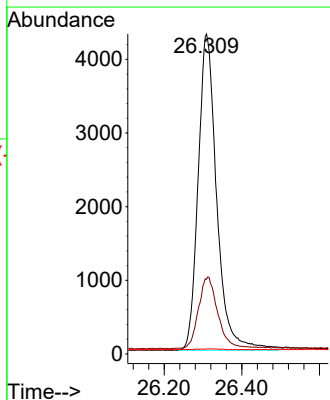
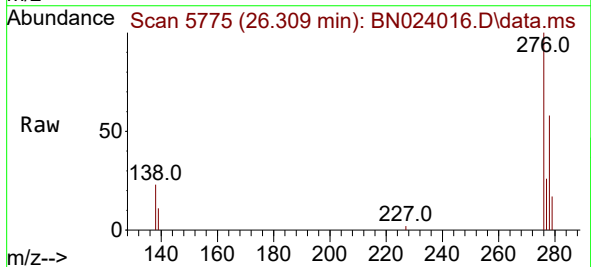
Instrument :
BNA_N
ClientSampleId :

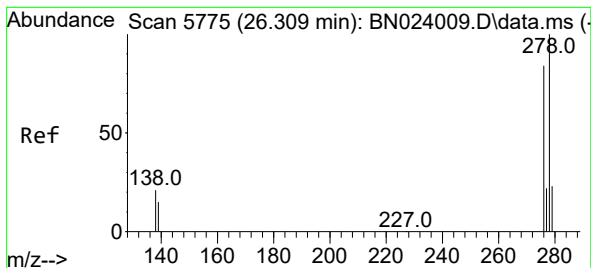
Tgt Ion:252 Resp: 10600
Ion Ratio Lower Upper
252 100
253 28.6 21.5 32.3
125 17.7 11.2 16.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 26.309 min Scan# 5775
Delta R.T. 0.017 min
Lab File: BN024016.D
Acq: 13 Feb 2023 16:48

Tgt Ion:276 Resp: 14271
Ion Ratio Lower Upper
276 100
138 23.5 17.0 25.6
227 0.1 0.2 0.4#





#28

Dibenzo(a,h)anthracene

Concen: 0.353 ng/ul

RT: 26.326 min Scan# 51

Delta R.T. 0.017 min

Lab File: BN024016.D

Acq: 13 Feb 2023 16:48

Instrument :

BNA_N

ClientSampleId :

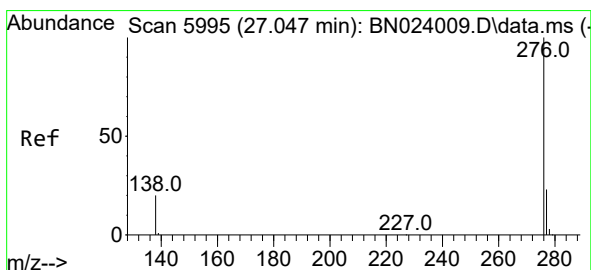
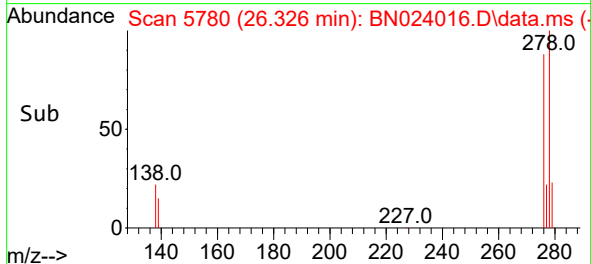
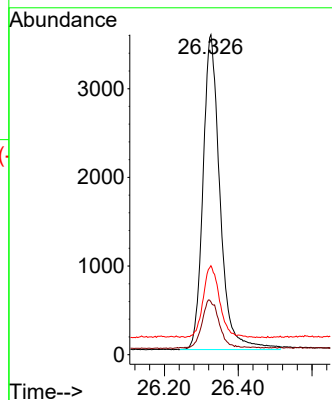
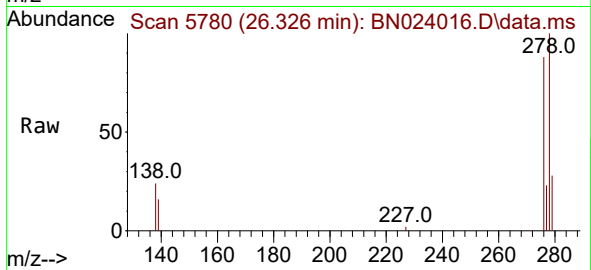
Tgt Ion:278 Resp: 11356

Ion Ratio Lower Upper

278 100

139 16.5 12.3 18.5

279 27.8 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 0.379 ng/ul

RT: 27.074 min Scan# 6003

Delta R.T. 0.027 min

Lab File: BN024016.D

Acq: 13 Feb 2023 16:48

Tgt Ion:276 Resp: 12554

Ion Ratio Lower Upper

276 100

138 21.8 15.3 22.9

277 25.1 19.9 29.9

