

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053122\
 Data File : BN019999.D
 Acq On : 31 May 2022 13:03
 Operator : CG/JU
 Sample : SSTD0.144
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.1244

Quant Time: May 31 15:21:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN053122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 15:19:36 2022
 Response via : Initial Calibration

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

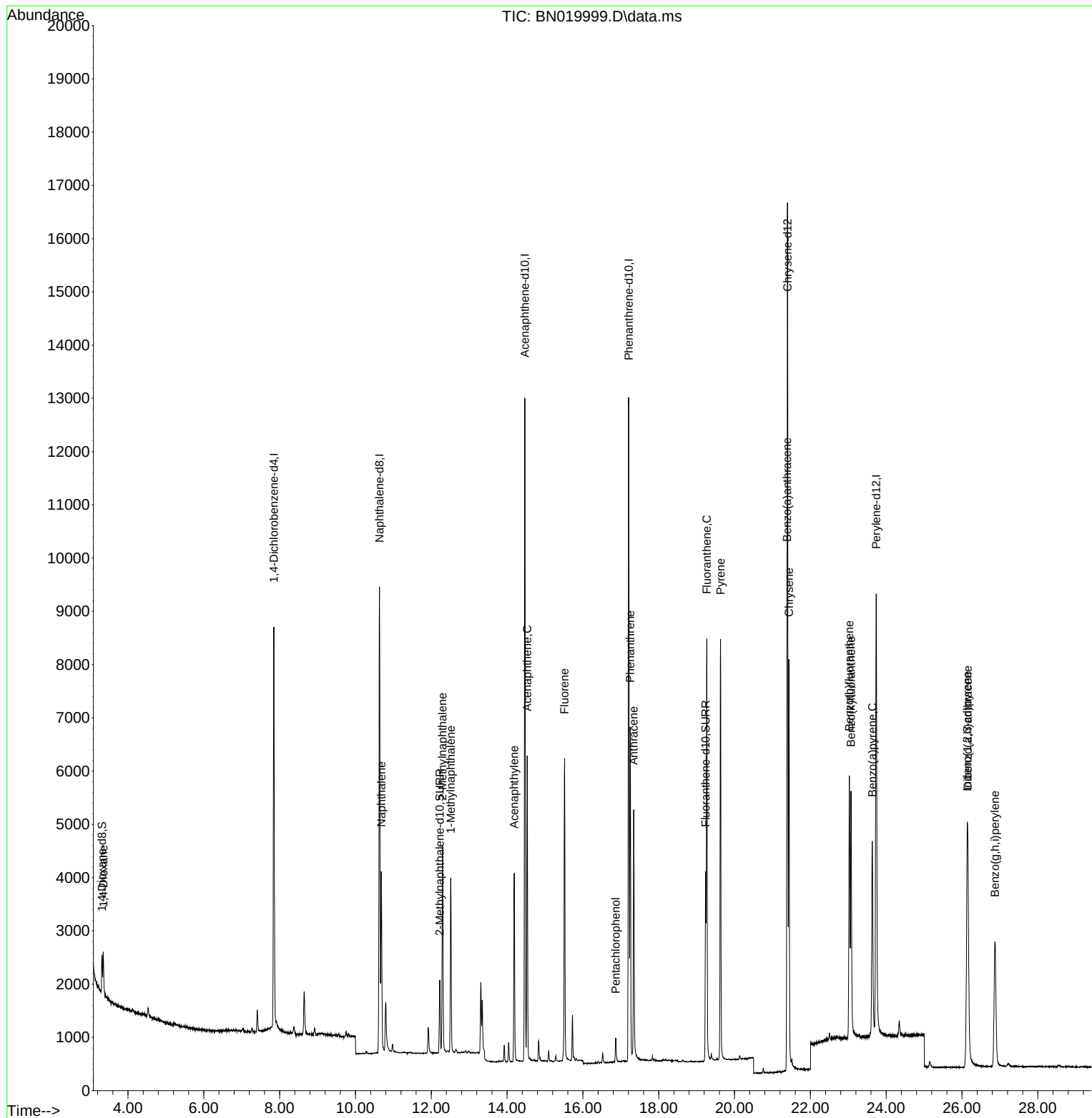
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	4186	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	12638	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.470	164	7315	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.209	188	15671	0.400	ng/ul	0.00
17) Chrysene-d12	21.398	240	13465	0.400	ng/ul	0.00
23) Perylene-d12	23.736	264	12018	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	517	0.132	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	1974	0.096	ng/ul	0.00
18) Fluoranthene-d10	19.235	212	4114	0.085	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.349	88	533	0.131	ng/ul#	86
5) Naphthalene	10.683	128	4873	0.123	ng/ul	98
7) 2-Methylnaphthalene	12.295	142	3016	0.115	ng/ul#	100
8) 1-Methylnaphthalene	12.515	142	2361	0.097	ng/ul#	100
10) Acenaphthylene	14.188	152	4289	0.103	ng/ul	99
11) Acenaphthene	14.530	153	3326	0.118	ng/ul	98
12) Fluorene	15.516	166	3808	0.121	ng/ul	99
14) Pentachlorophenol	16.868	266	359	0.138	ng/ul	86
15) Phenanthrene	17.247	178	6848	0.124	ng/ul	98
16) Anthracene	17.340	178	5707	0.110	ng/ul	98
19) Fluoranthene	19.268	202	6938	0.103	ng/ul	98
20) Pyrene	19.630	202	7143	0.105	ng/ul	98
21) Benzo(a)anthracene	21.383	228	5885	0.107	ng/ul	100
22) Chrysene	21.436	228	6784	0.122	ng/ul	99
24) Benzo(b)fluoranthene	23.028	252	6492	0.122	ng/ul	97
25) Benzo(k)fluoranthene	23.072	252	6399	0.124	ng/ul	96
26) Benzo(a)pyrene	23.634	252	5989	0.119	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.135	276	6426	0.122	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.152	278	5209	0.121	ng/ul#	83
29) Benzo(g,h,i)perylene	26.870	276	5559	0.123	ng/ul	94

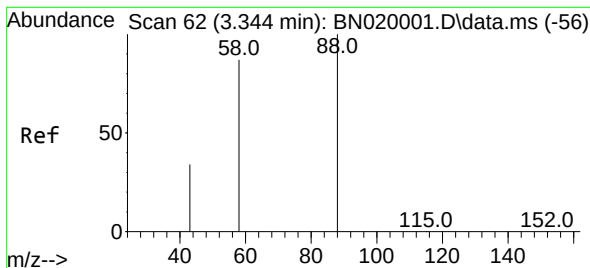
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053122\
Data File : BN019999.D
Acq On : 31 May 2022 13:03
Operator : CG/JU
Sample : SST0.144
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

Quant Time: May 31 15:21:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN053122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 15:19:36 2022
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.131 ng/ul

RT: 3.349 min Scan# 61

Delta R.T. 0.004 min

Lab File: BN019999.D

Acq: 31 May 2022 13:03

Instrument :

BNA_N

ClientSampleId :

SSTD0.1244

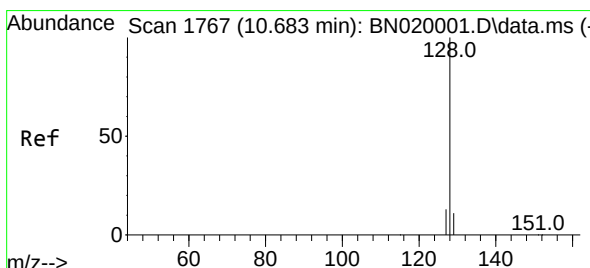
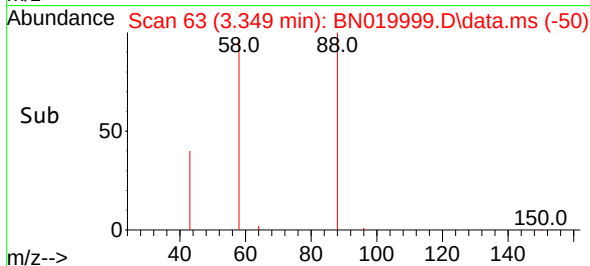
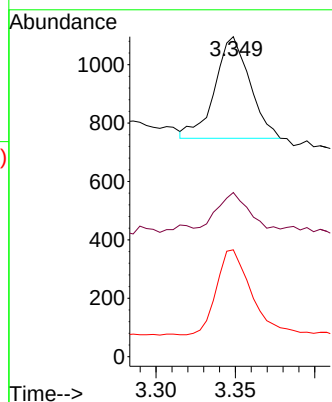
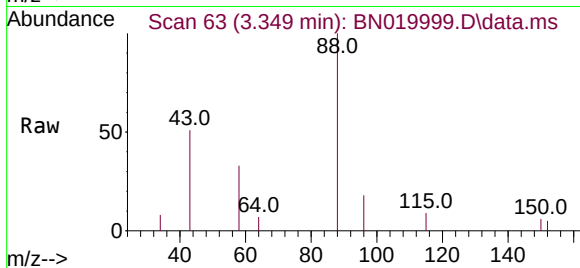
Tgt Ion: 88 Resp: 533

Ion Ratio Lower Upper

88 100

43 51.3 39.0 58.4

58 33.4 39.8 59.8#



#5

Naphthalene

Concen: 0.123 ng/ul

RT: 10.683 min Scan# 1767

Delta R.T. 0.000 min

Lab File: BN019999.D

Acq: 31 May 2022 13:03

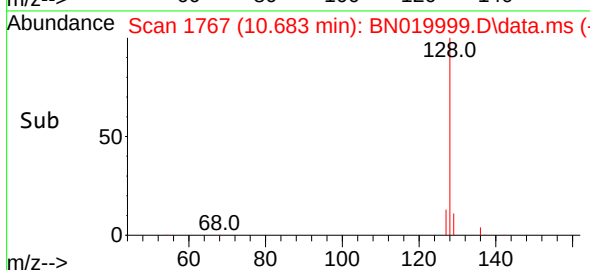
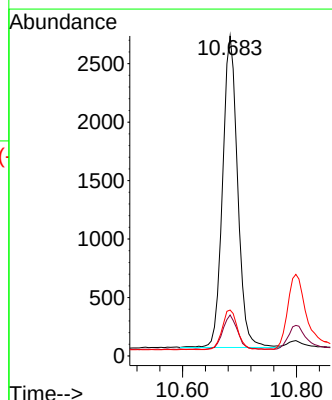
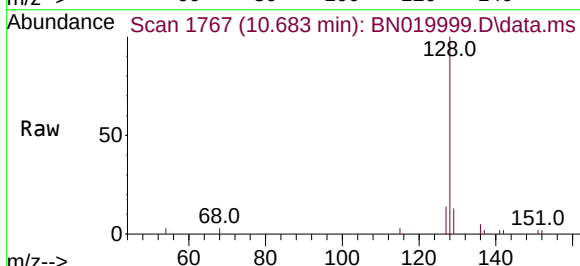
Tgt Ion: 128 Resp: 4873

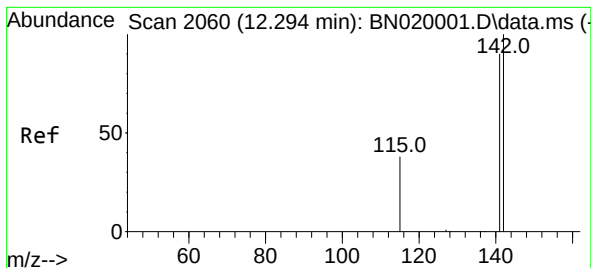
Ion Ratio Lower Upper

128 100

129 12.8 9.5 14.3

127 14.4 11.0 16.4

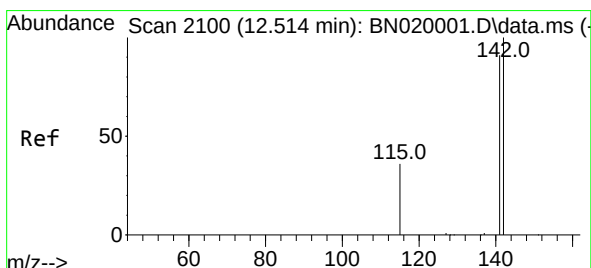
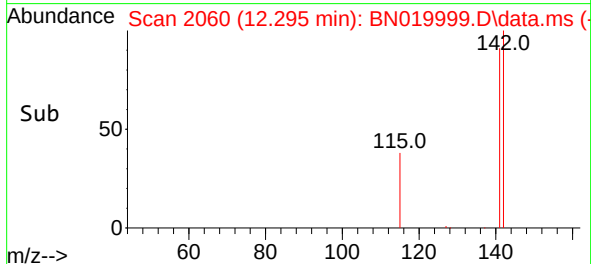
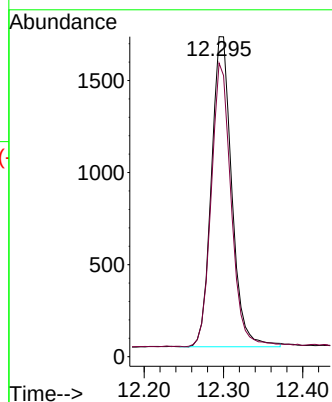
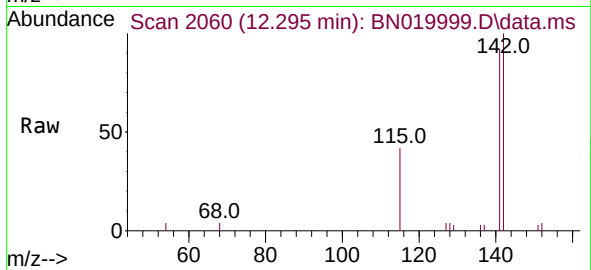




#7
2-Methylnaphthalene
Concen: 0.115 ng/ul
RT: 12.295 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN019999.D
Acq: 31 May 2022 13:03

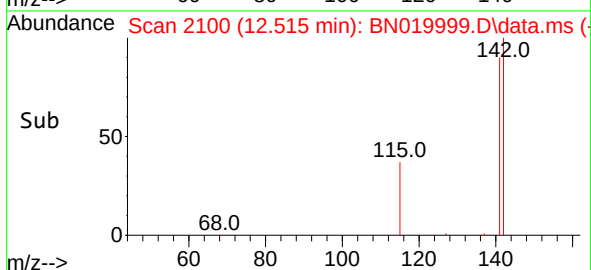
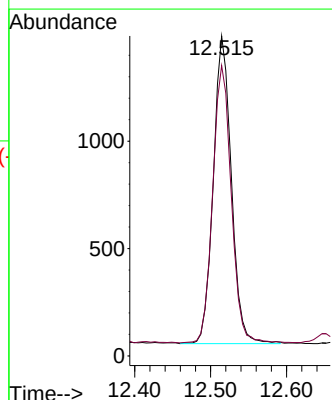
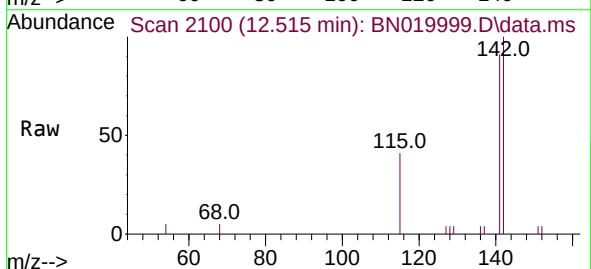
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

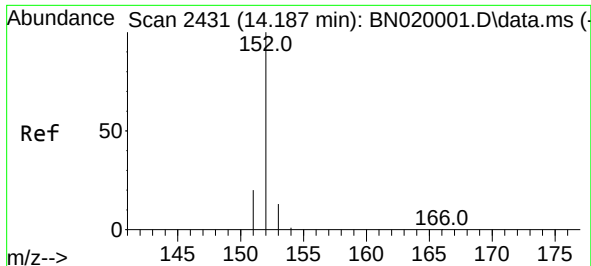
Tgt Ion:142 Resp: 3016
Ion Ratio Lower Upper
142 100
141 89.0 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 12.515 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN019999.D
Acq: 31 May 2022 13:03

Tgt Ion:142 Resp: 2361
Ion Ratio Lower Upper
142 100
141 92.3 0.0 0.0#

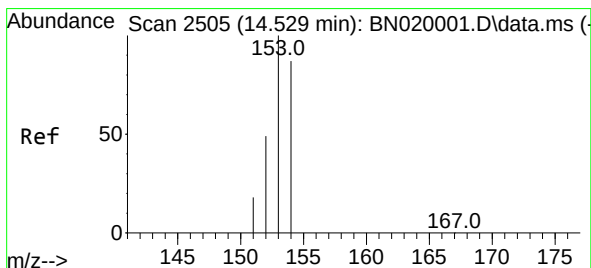
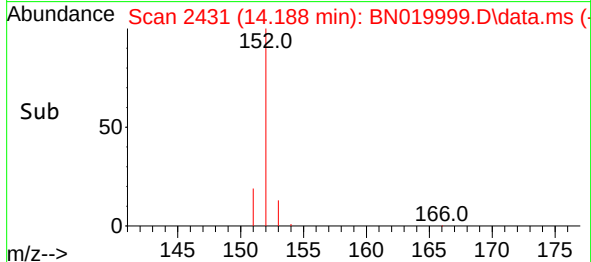
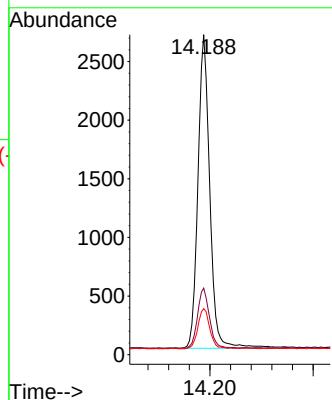
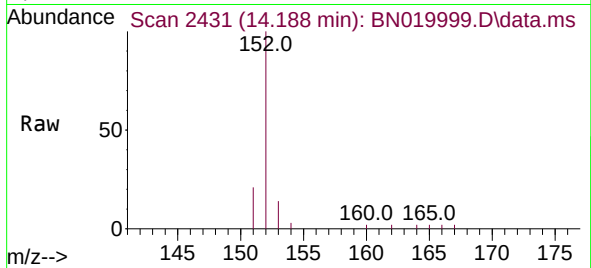




#10
Acenaphthylene
Concen: 0.103 ng/ul
RT: 14.188 min Scan# 2431
Delta R.T. 0.001 min
Lab File: BN019999.D
Acq: 31 May 2022 13:03

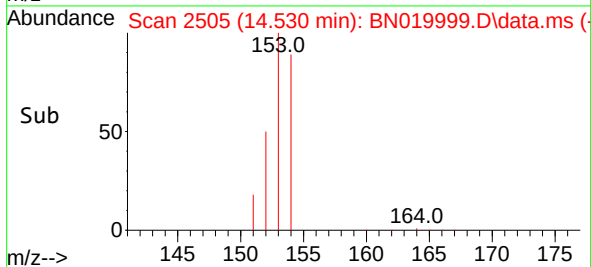
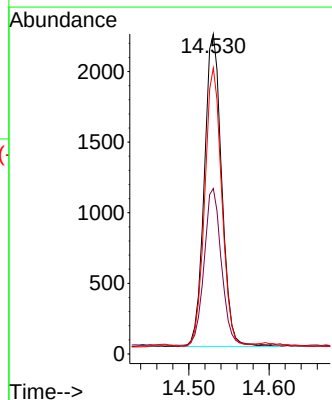
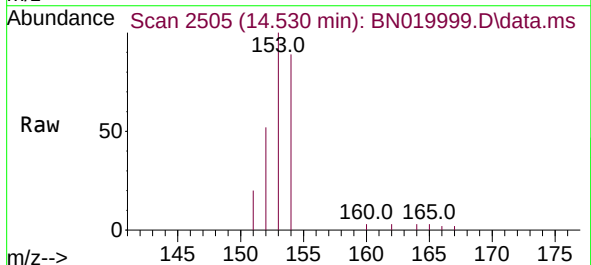
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

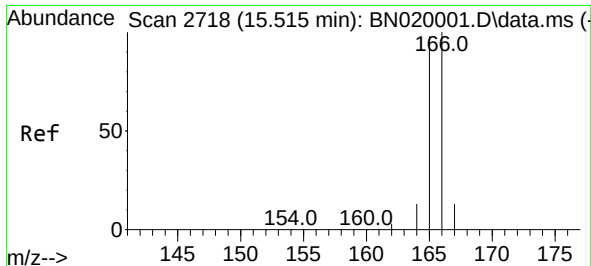
Tgt Ion:152 Resp: 4289
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.4 11.1 16.7



#11
Acenaphthene
Concen: 0.118 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. 0.001 min
Lab File: BN019999.D
Acq: 31 May 2022 13:03

Tgt Ion:153 Resp: 3326
Ion Ratio Lower Upper
153 100
152 51.7 38.6 57.8
154 89.4 71.2 106.8

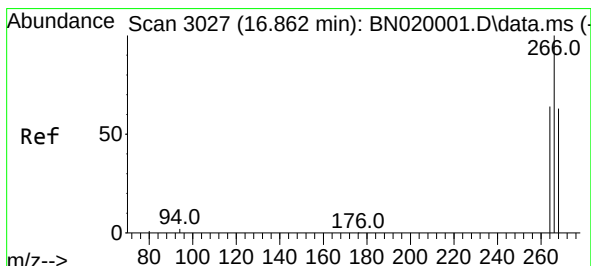
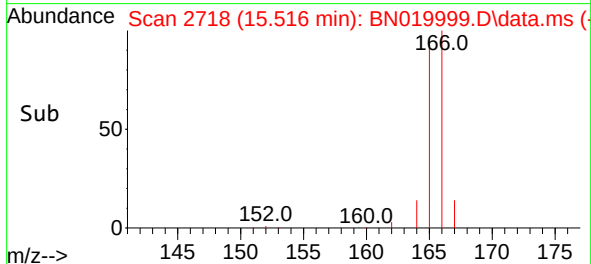
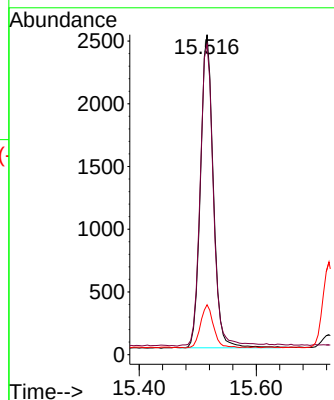
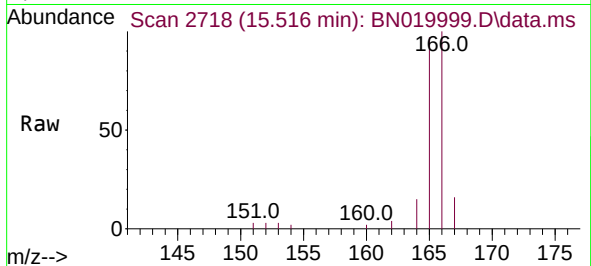




#12
Fluorene
Concen: 0.121 ng/ul
RT: 15.516 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN019999.D
Acq: 31 May 2022 13:03

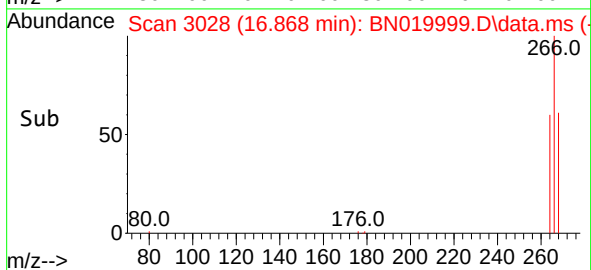
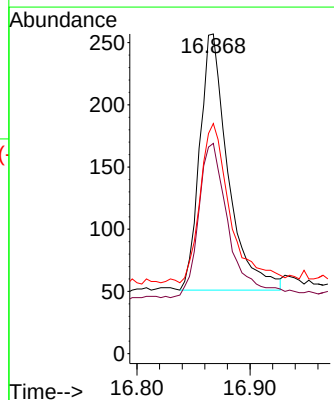
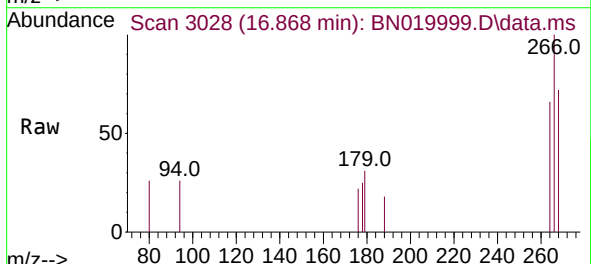
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

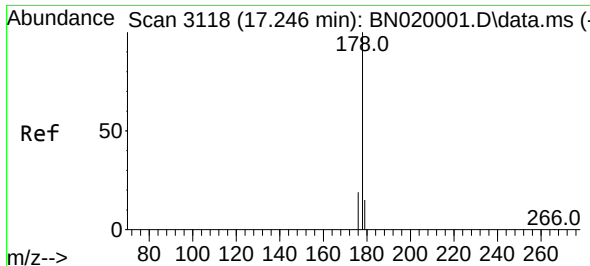
Tgt Ion:166 Resp: 3808
Ion Ratio Lower Upper
166 100
165 96.9 78.2 117.2
167 15.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.138 ng/ul
RT: 16.868 min Scan# 3028
Delta R.T. 0.005 min
Lab File: BN019999.D
Acq: 31 May 2022 13:03

Tgt Ion:266 Resp: 359
Ion Ratio Lower Upper
266 100
264 65.5 44.9 67.3
268 66.3 44.6 67.0

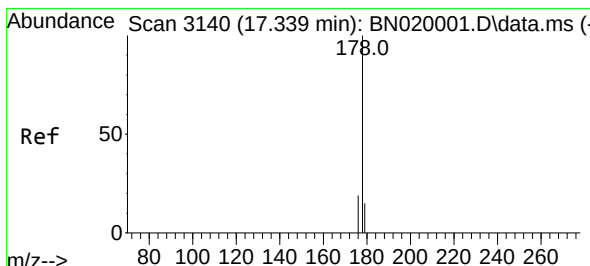
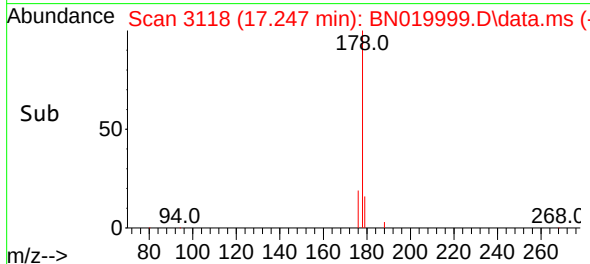
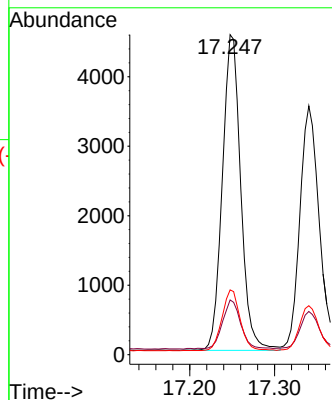
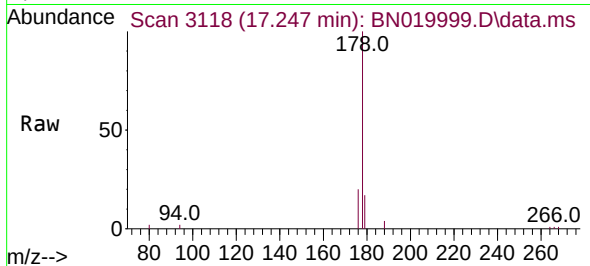




#15
Phenanthrene
Concen: 0.124 ng/ul
RT: 17.247 min Scan# 3118
Delta R.T. 0.001 min
Lab File: BN019999.D
Acq: 31 May 2022 13:03

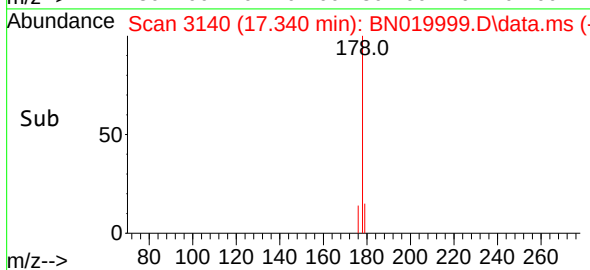
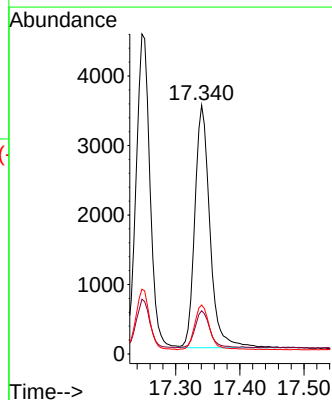
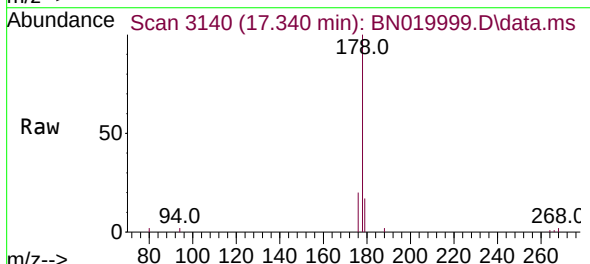
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

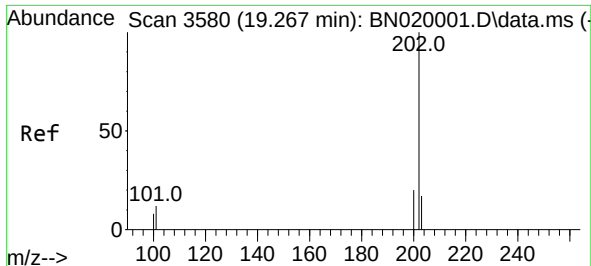
Tgt Ion:178 Resp: 6848
Ion Ratio Lower Upper
178 100
179 17.1 12.9 19.3
176 20.3 15.5 23.3



#16
Anthracene
Concen: 0.110 ng/ul
RT: 17.340 min Scan# 3140
Delta R.T. 0.001 min
Lab File: BN019999.D
Acq: 31 May 2022 13:03

Tgt Ion:178 Resp: 5707
Ion Ratio Lower Upper
178 100
179 17.4 13.1 19.7
176 19.7 15.3 22.9





#19

Fluoranthene

Concen: 0.103 ng/ul

RT: 19.268 min Scan# 3580

Delta R.T. 0.001 min

Lab File: BN019999.D

Acq: 31 May 2022 13:03

Instrument :

BNA_N

ClientSampleId :

SSTD0.1244

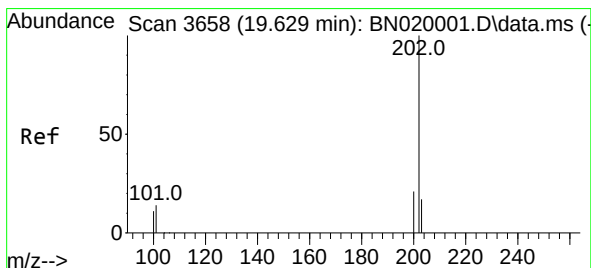
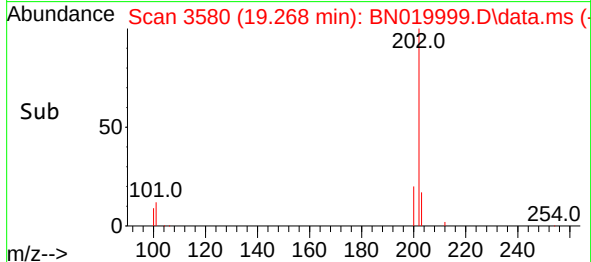
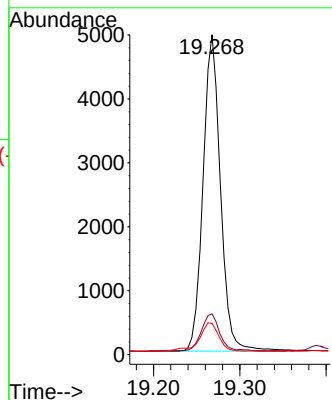
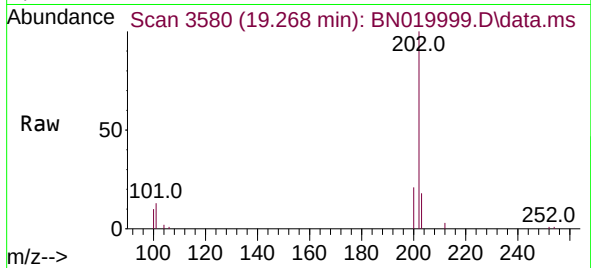
Tgt Ion:202 Resp: 6938

Ion Ratio Lower Upper

202 100

101 12.8 9.7 14.5

100 9.8 7.4 11.2



#20

Pyrene

Concen: 0.105 ng/ul

RT: 19.630 min Scan# 3658

Delta R.T. 0.001 min

Lab File: BN019999.D

Acq: 31 May 2022 13:03

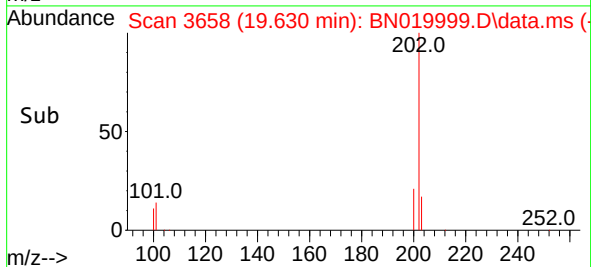
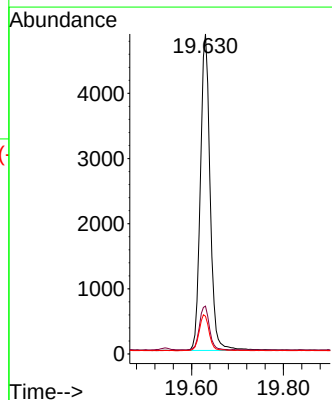
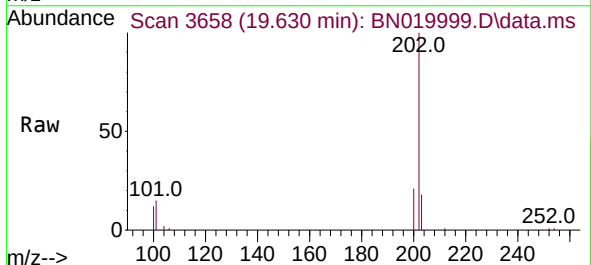
Tgt Ion:202 Resp: 7143

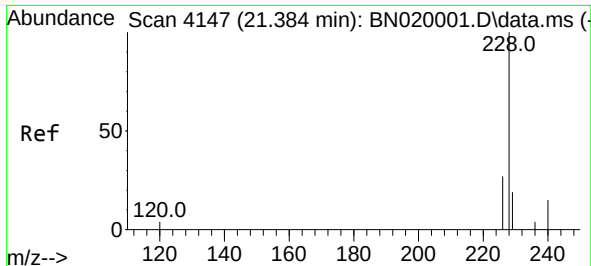
Ion Ratio Lower Upper

202 100

101 14.9 11.4 17.0

100 11.8 9.0 13.4

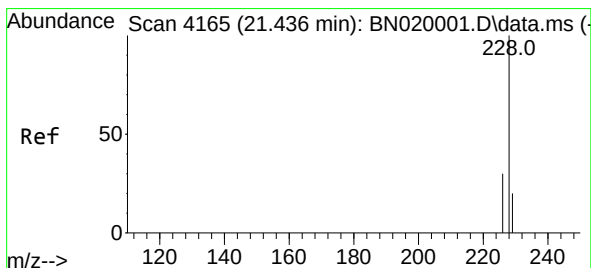
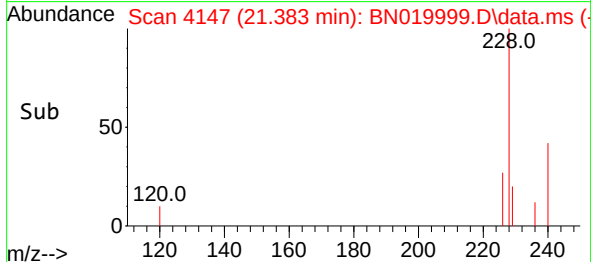
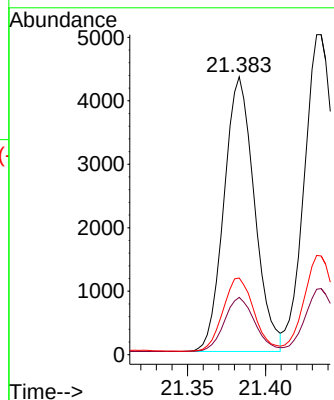
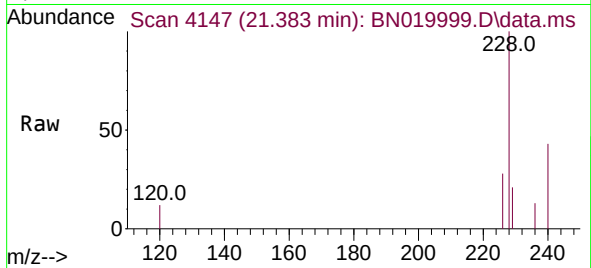




#21
Benzo(a)anthracene
Concen: 0.107 ng/ul
RT: 21.383 min Scan# 4147
Delta R.T. -0.001 min
Lab File: BN019999.D
Acq: 31 May 2022 13:03

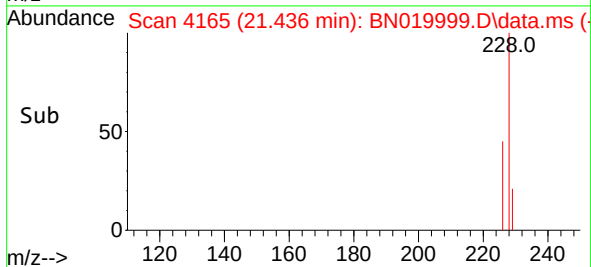
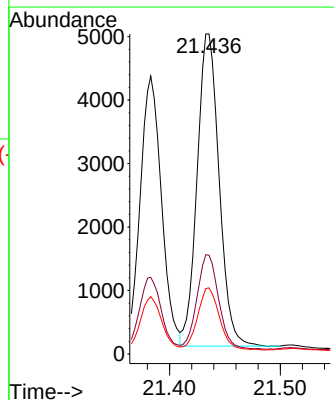
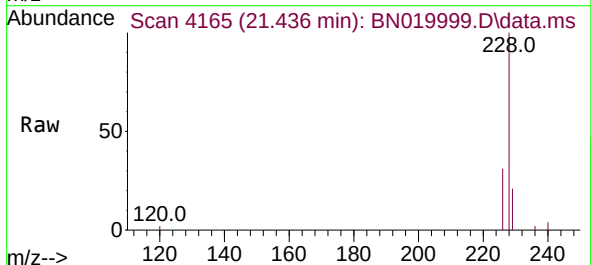
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

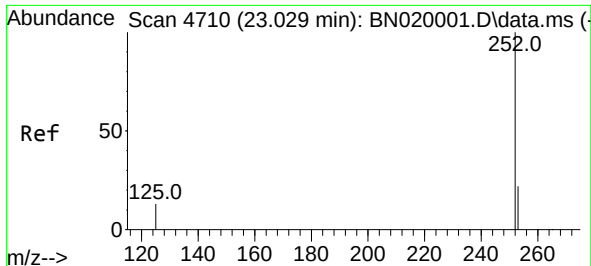
Tgt Ion:228 Resp: 5885
Ion Ratio Lower Upper
228 100
229 20.6 16.1 24.1
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.122 ng/ul
RT: 21.436 min Scan# 4165
Delta R.T. -0.001 min
Lab File: BN019999.D
Acq: 31 May 2022 13:03

Tgt Ion:228 Resp: 6784
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 20.6 16.0 24.0

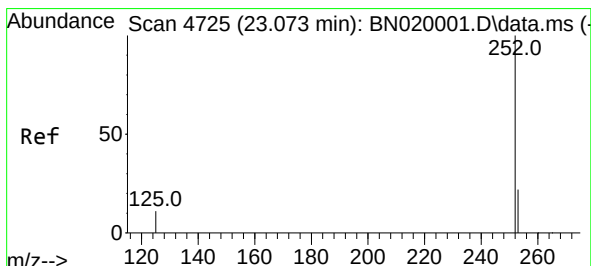
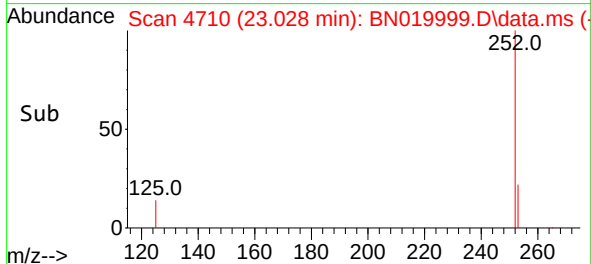
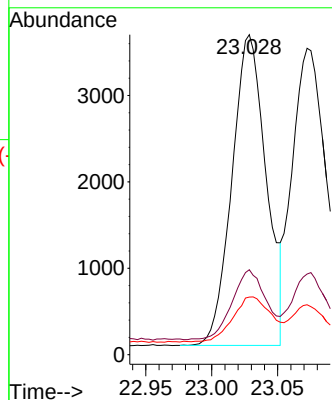
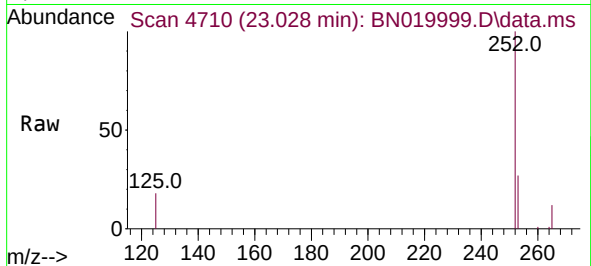




#24
Benzo(b)fluoranthene
Concen: 0.122 ng/ul
RT: 23.028 min Scan# 4710
Delta R.T. -0.001 min
Lab File: BN019999.D
Acq: 31 May 2022 13:03

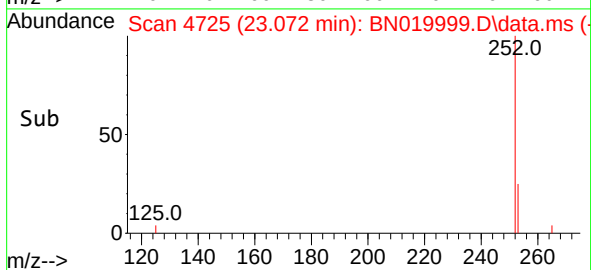
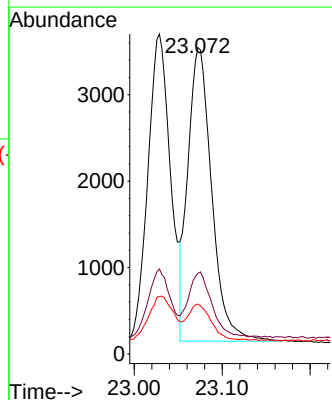
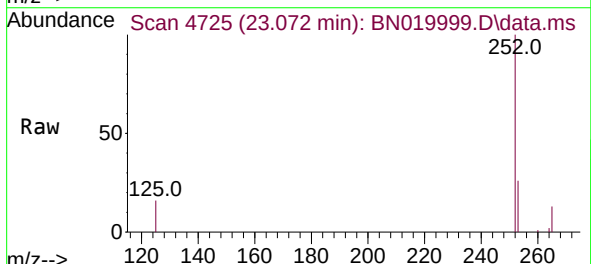
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

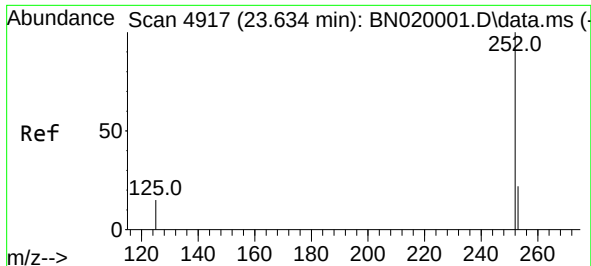
Tgt Ion:252 Resp: 6492
Ion Ratio Lower Upper
252 100
253 26.5 0.0 52.0
125 18.0 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.124 ng/ul
RT: 23.072 min Scan# 4725
Delta R.T. -0.001 min
Lab File: BN019999.D
Acq: 31 May 2022 13:03

Tgt Ion:252 Resp: 6399
Ion Ratio Lower Upper
252 100
253 26.3 20.2 30.2
125 16.3 11.0 16.6

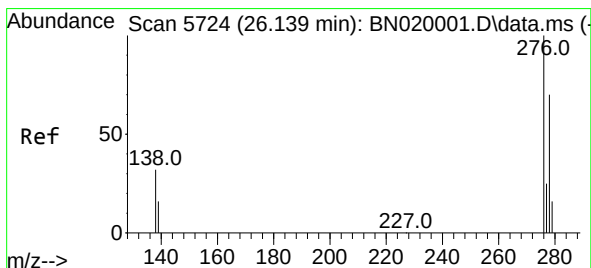
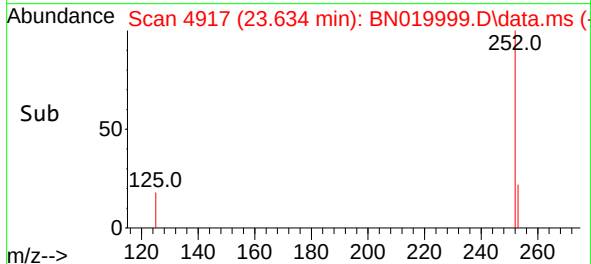
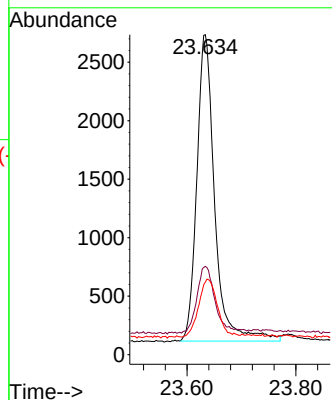
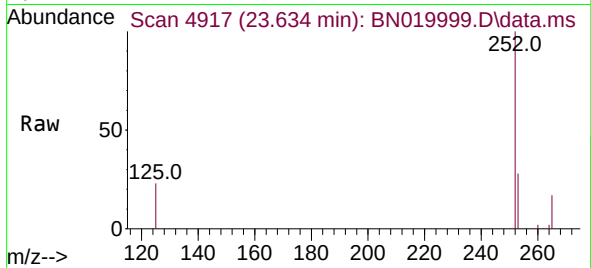




#26
Benzo(a)pyrene
Concen: 0.119 ng/ul
RT: 23.634 min Scan# 4917
Delta R.T. -0.001 min
Lab File: BN019999.D
Acq: 31 May 2022 13:03

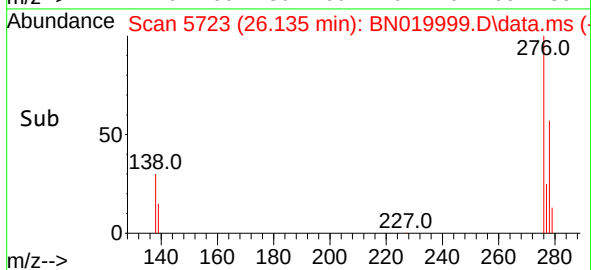
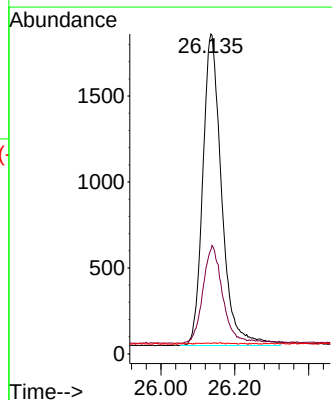
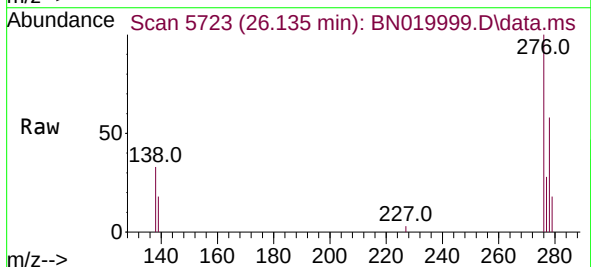
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

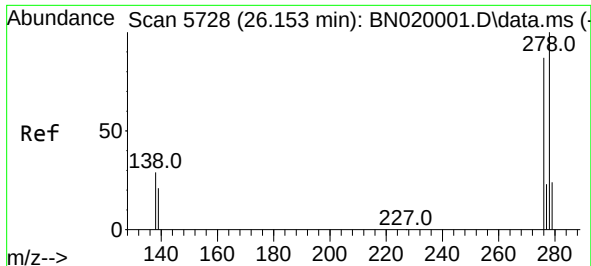
Tgt Ion:252 Resp: 5989
Ion Ratio Lower Upper
252 100
253 27.6 23.4 35.0
125 22.7 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.122 ng/ul
RT: 26.135 min Scan# 5723
Delta R.T. -0.004 min
Lab File: BN019999.D
Acq: 31 May 2022 13:03

Tgt Ion:276 Resp: 6426
Ion Ratio Lower Upper
276 100
138 33.1 23.6 35.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.121 ng/ul

RT: 26.152 min Scan# 51

Delta R.T. -0.001 min

Lab File: BN019999.D

Acq: 31 May 2022 13:03

Instrument :

BNA_N

ClientSampleId :

SSTD0.1244

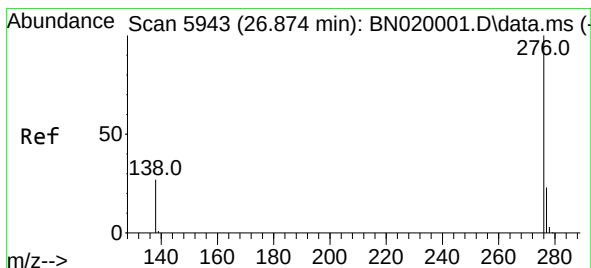
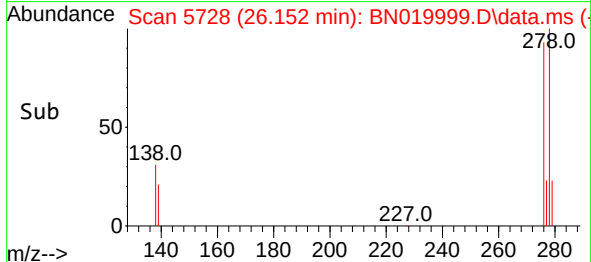
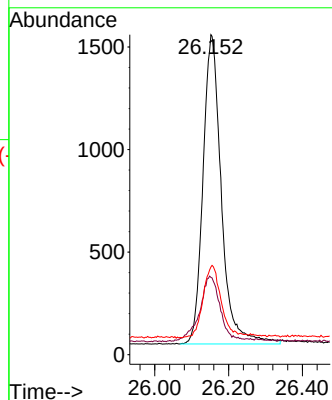
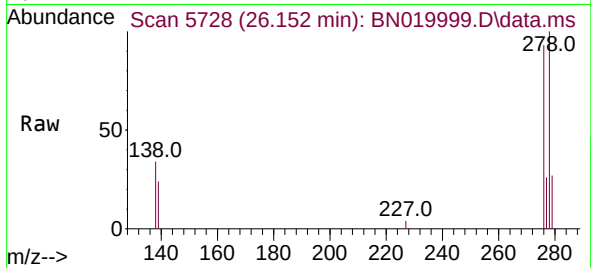
Tgt Ion:278 Resp: 5209

Ion Ratio Lower Upper

278 100

139 24.2 18.6 28.0

279 27.4 35.1 52.7#



#29

Benzo(g,h,i)perylene

Concen: 0.123 ng/ul

RT: 26.870 min Scan# 5942

Delta R.T. -0.004 min

Lab File: BN019999.D

Acq: 31 May 2022 13:03

Tgt Ion:276 Resp: 5559

Ion Ratio Lower Upper

276 100

138 30.9 20.9 31.3

277 27.3 20.4 30.6

