

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052322\
 Data File : BN019911.D
 Acq On : 23 May 2022 12:20
 Operator : CG/JU
 Sample : SSTD0.439
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4239

Quant Time: May 23 13:52:16 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 13:50:36 2022
 Response via : Initial Calibration

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

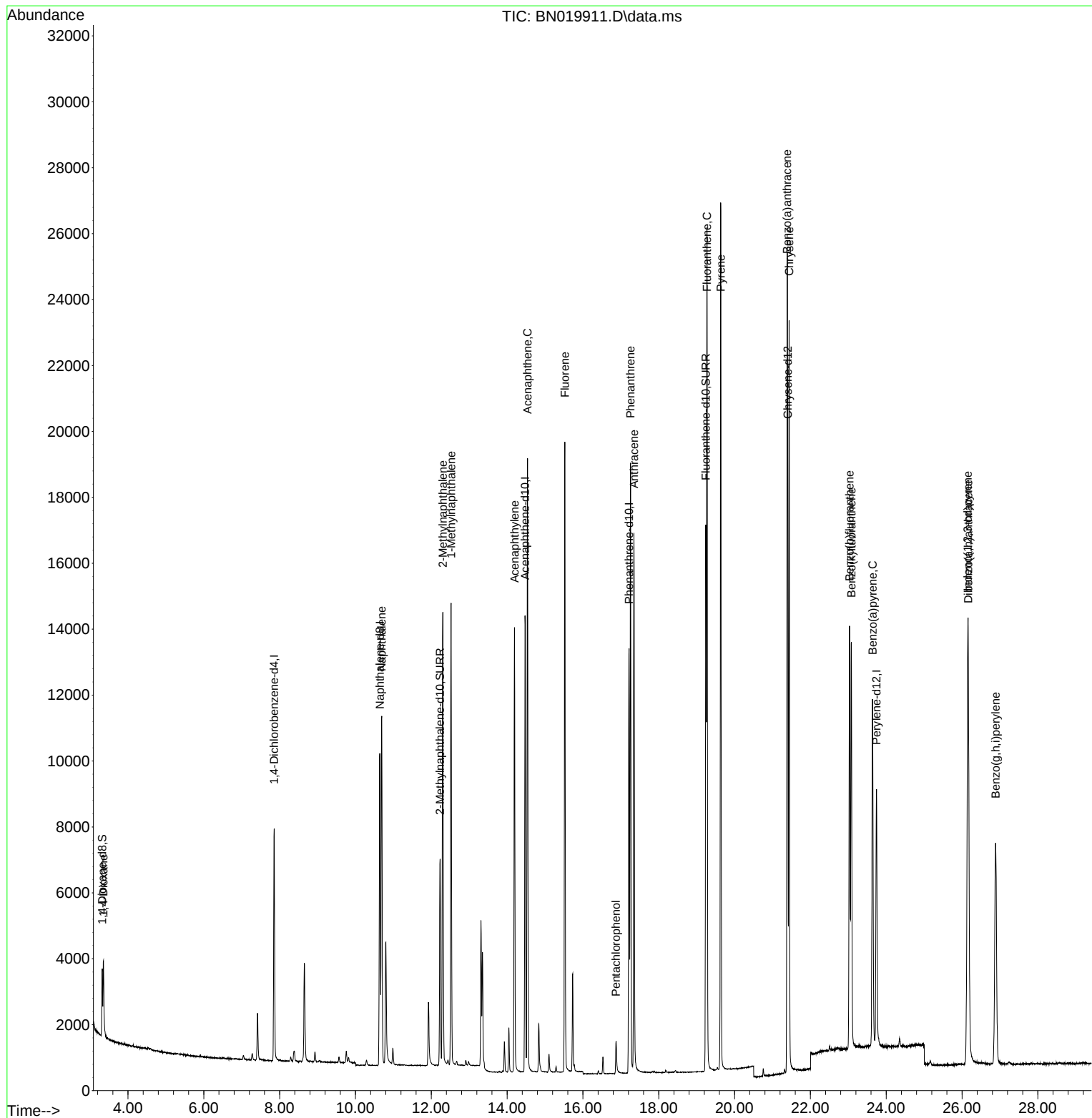
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	3842	0.400	ng/ul	0.00
4) Naphthalene-d8	10.643	136	13464	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.477	164	7960	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	16064	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	13237	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	10923	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1420	0.312	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	8633	0.424	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	17894	0.427	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	1446	0.300	ng/ul	92
5) Naphthalene	10.693	128	15312	0.351	ng/ul	100
7) 2-Methylnaphthalene	12.304	142	10250	0.386	ng/ul#	100
8) 1-Methylnaphthalene	12.524	142	10313	0.419	ng/ul#	100
10) Acenaphthylene	14.195	152	16348	0.415	ng/ul	99
11) Acenaphthene	14.537	153	11103	0.351	ng/ul	99
12) Fluorene	15.523	166	12518	0.361	ng/ul	99
14) Pentachlorophenol	16.874	266	874	0.253	ng/ul	89
15) Phenanthrene	17.254	178	20188	0.342	ng/ul	99
16) Anthracene	17.346	178	18888	0.392	ng/ul	99
19) Fluoranthene	19.274	202	22982	0.379	ng/ul	98
20) Pyrene	19.637	202	23424	0.387	ng/ul	98
21) Benzo(a)anthracene	21.385	228	19387	0.392	ng/ul	99
22) Chrysene	21.438	228	19615	0.336	ng/ul	100
24) Benzo(b)fluoranthene	23.030	252	17582	0.317	ng/ul	93
25) Benzo(k)fluoranthene	23.080	252	16691	0.313	ng/ul	98
26) Benzo(a)pyrene	23.639	252	16482	0.349	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.151	276	17167	0.291	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.164	278	14013	0.285	ng/ul#	82
29) Benzo(g,h,i)perylene	26.885	276	14758	0.274	ng/ul	97

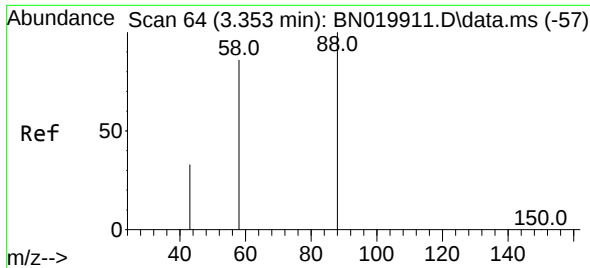
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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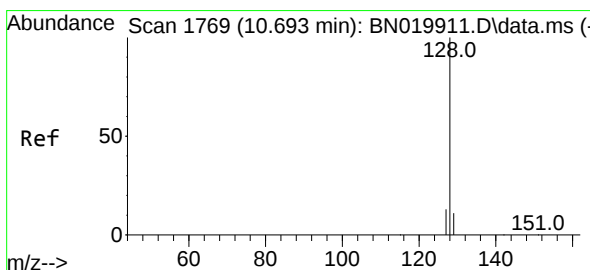
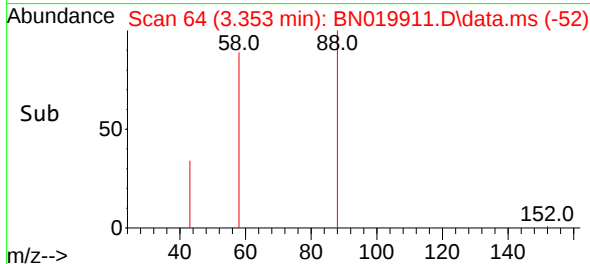
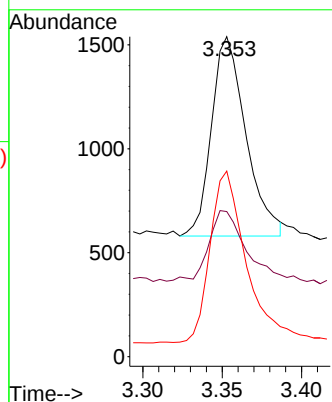
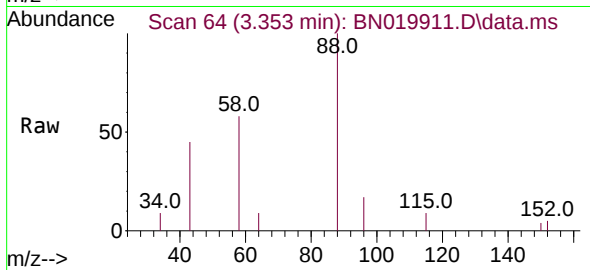




#2
 1,4-Dioxane
 Concen: 0.300 ng/ul
 RT: 3.353 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN019911.D
 Acq: 23 May 2022 12:20

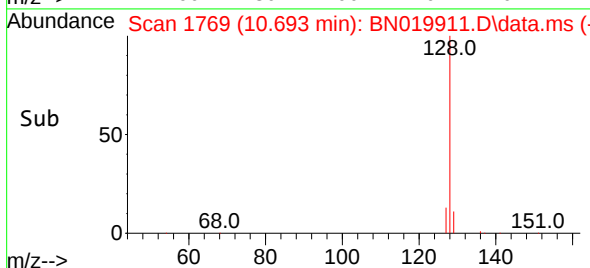
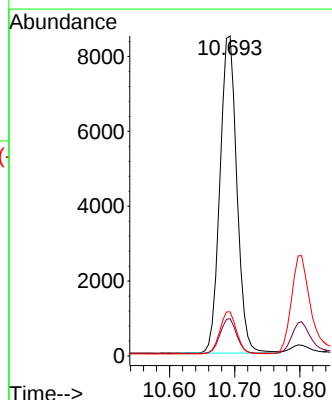
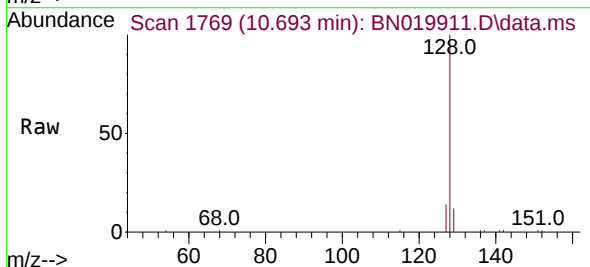
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4239

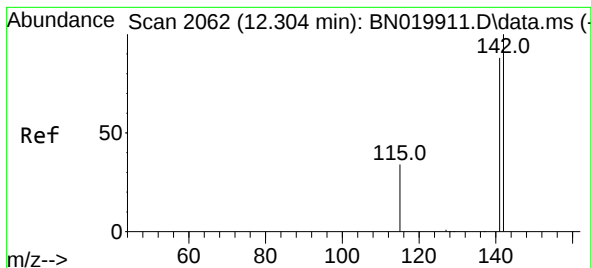
Tgt Ion: 88 Resp: 1446
 Ion Ratio Lower Upper
 88 100
 43 45.4 39.0 58.4
 58 58.0 39.8 59.8



#5
 Naphthalene
 Concen: 0.351 ng/ul
 RT: 10.693 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: BN019911.D
 Acq: 23 May 2022 12:20

Tgt Ion: 128 Resp: 15312
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.5 14.3
 127 13.8 11.0 16.4

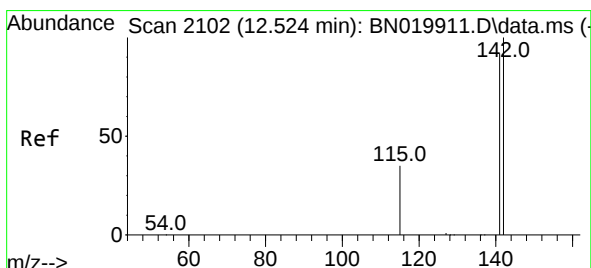
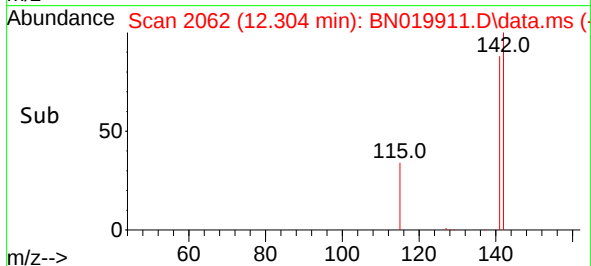
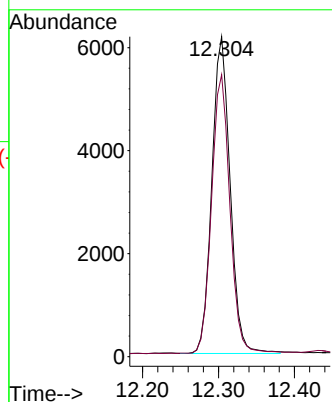
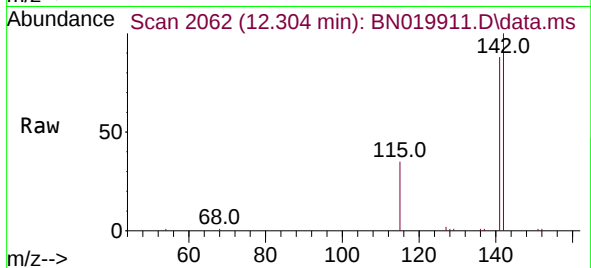




#7
2-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.304 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN019911.D
Acq: 23 May 2022 12:20

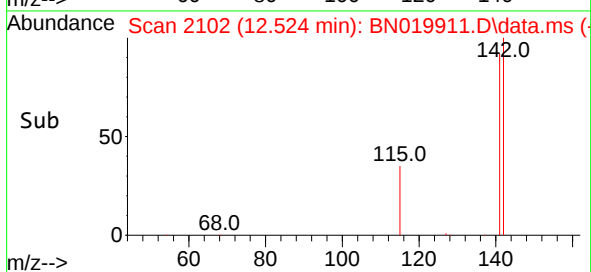
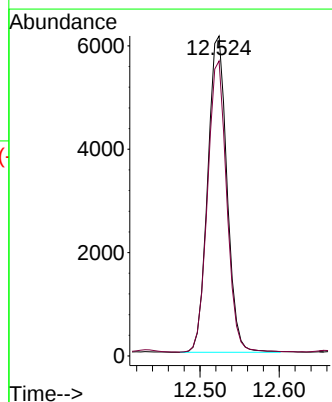
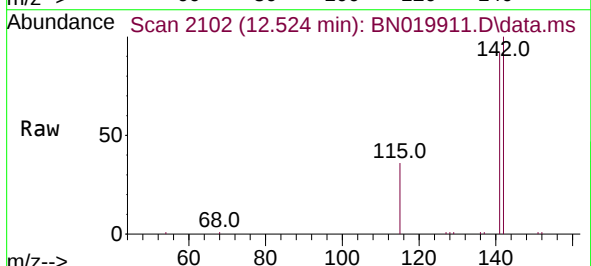
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

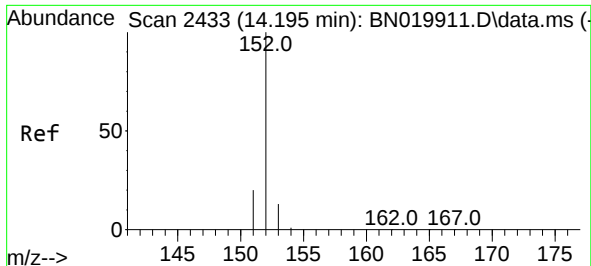
Tgt Ion:142 Resp: 10250
Ion Ratio Lower Upper
142 100
141 88.6 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.524 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN019911.D
Acq: 23 May 2022 12:20

Tgt Ion:142 Resp: 10313
Ion Ratio Lower Upper
142 100
141 91.7 0.0 0.0#

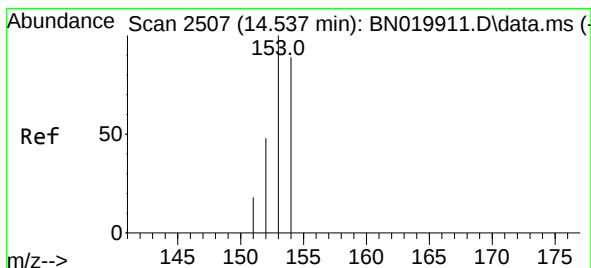
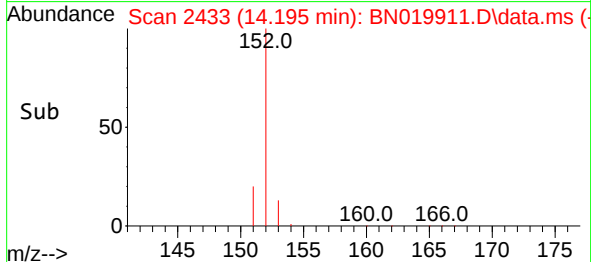
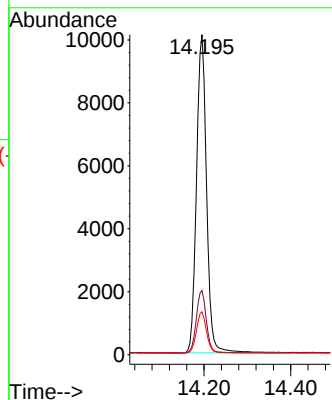
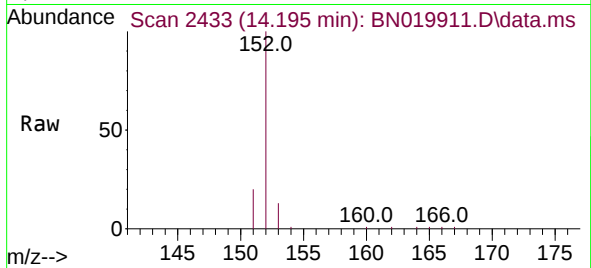




#10
Acenaphthylene
Concen: 0.415 ng/ul
RT: 14.195 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN019911.D
Acq: 23 May 2022 12:20

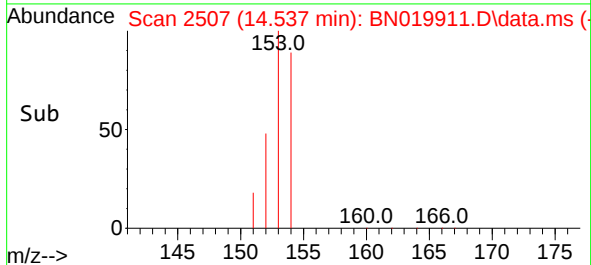
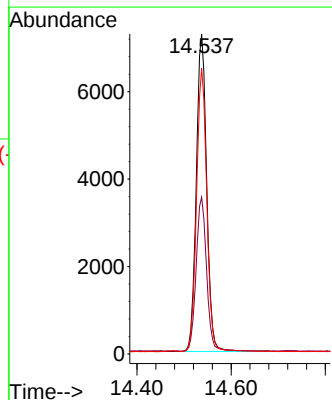
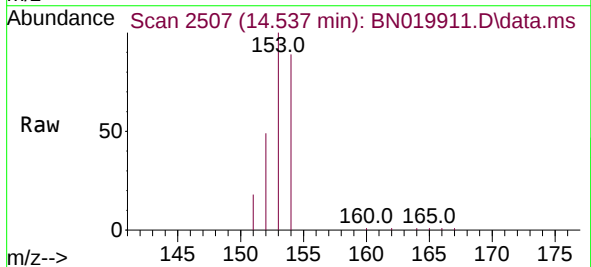
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

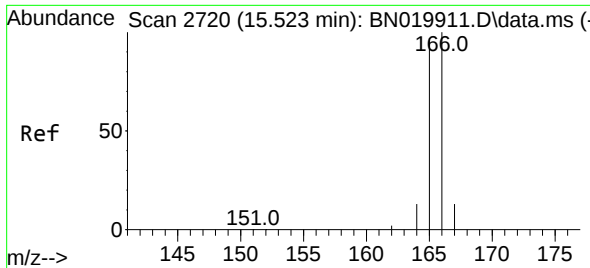
Tgt Ion:152 Resp: 16348
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.537 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BN019911.D
Acq: 23 May 2022 12:20

Tgt Ion:153 Resp: 11103
Ion Ratio Lower Upper
153 100
152 49.0 38.6 57.8
154 89.3 71.2 106.8

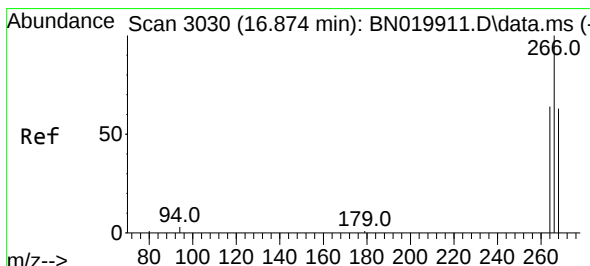
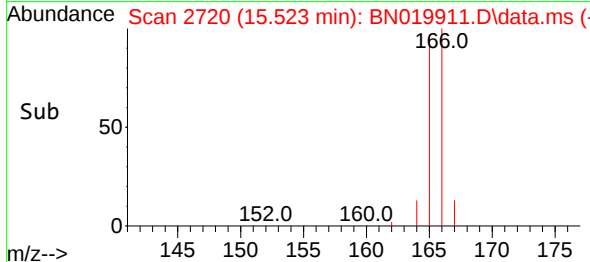
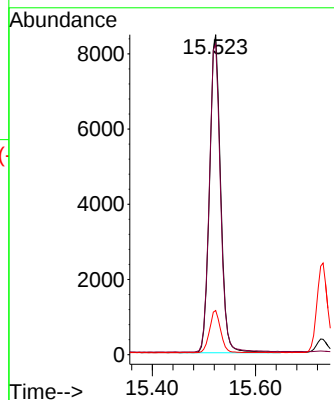
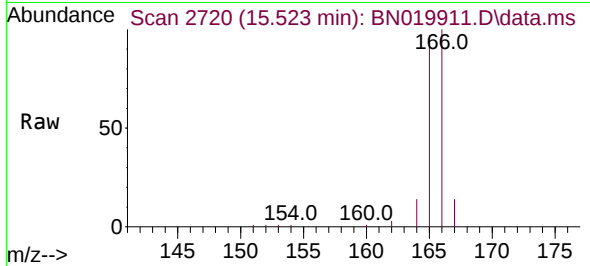




#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.523 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019911.D
Acq: 23 May 2022 12:20

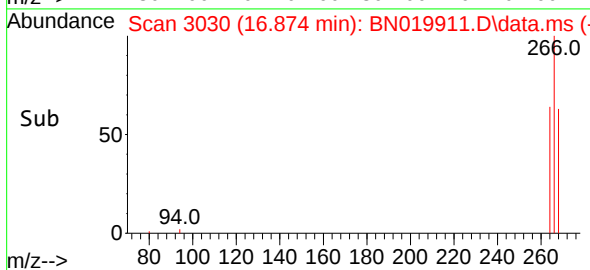
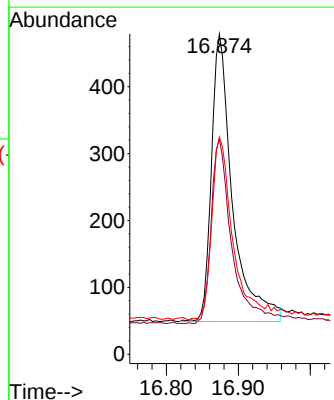
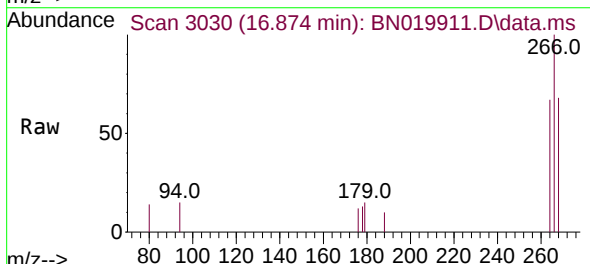
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

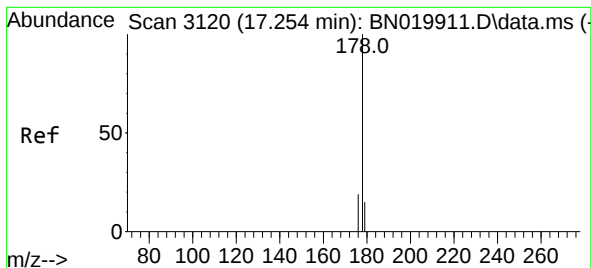
Tgt Ion:166 Resp: 12518
Ion Ratio Lower Upper
166 100
165 97.0 78.2 117.2
167 13.8 11.3 16.9



#14
Pentachlorophenol
Concen: 0.253 ng/ul
RT: 16.874 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BN019911.D
Acq: 23 May 2022 12:20

Tgt Ion:266 Resp: 874
Ion Ratio Lower Upper
266 100
264 63.2 44.9 67.3
268 64.9 44.6 67.0





#15

Phenanthrene

Concen: 0.342 ng/ul

RT: 17.254 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BN019911.D

Acq: 23 May 2022 12:20

Instrument :

BNA_N

ClientSampleId :

SSTD0.4239

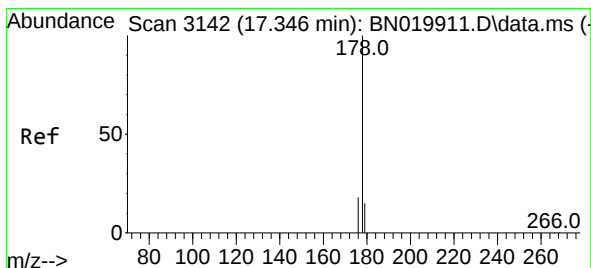
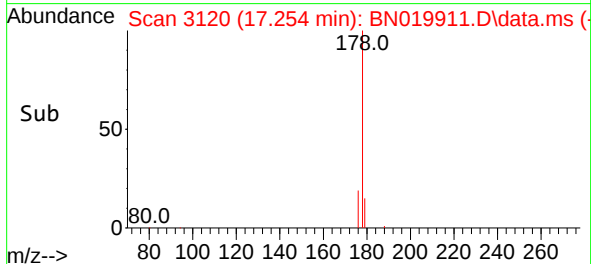
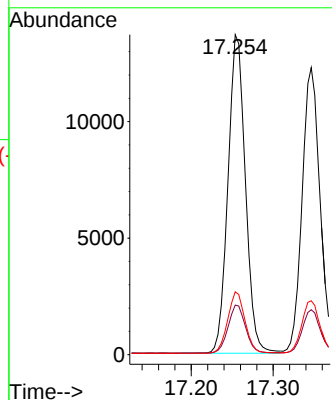
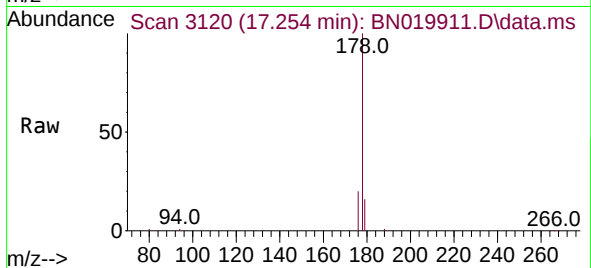
Tgt Ion:178 Resp: 20188

Ion Ratio Lower Upper

178 100

179 15.5 12.9 19.3

176 19.7 15.5 23.3



#16

Anthracene

Concen: 0.392 ng/ul

RT: 17.346 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BN019911.D

Acq: 23 May 2022 12:20

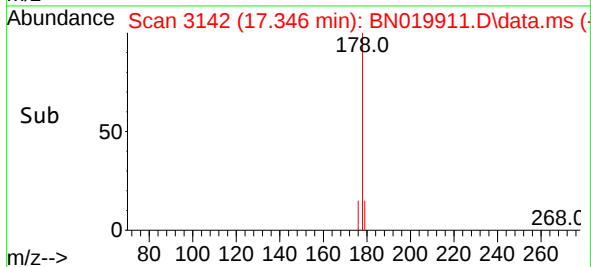
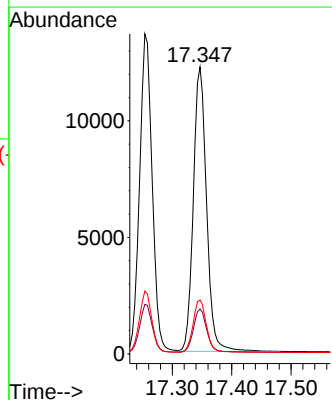
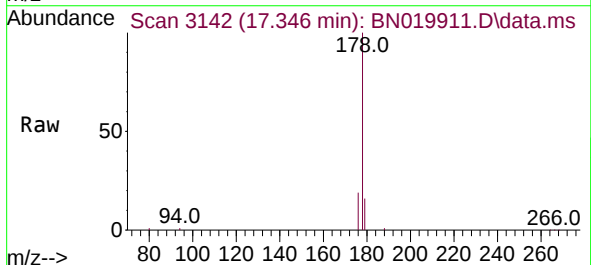
Tgt Ion:178 Resp: 18888

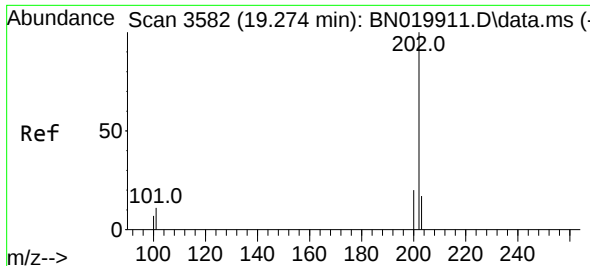
Ion Ratio Lower Upper

178 100

179 15.7 13.1 19.7

176 18.8 15.3 22.9

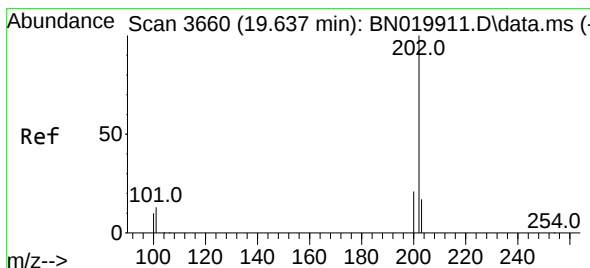
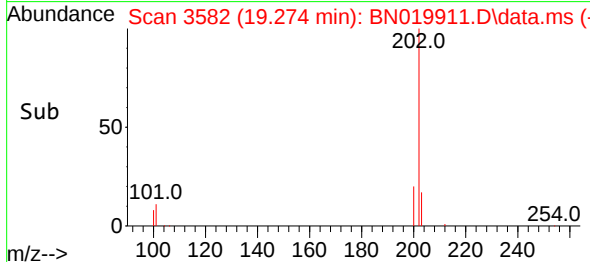
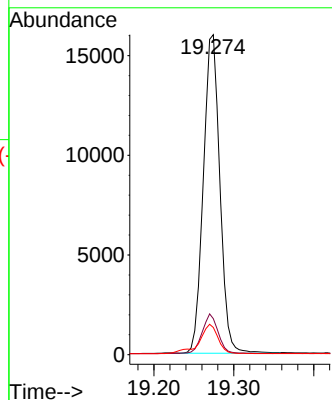
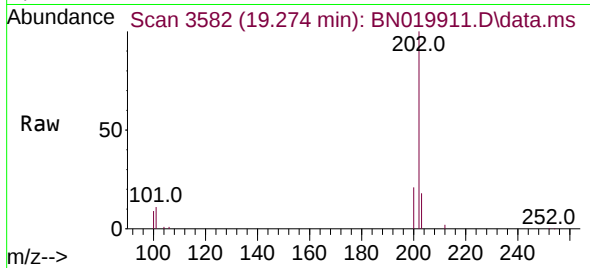




#19
Fluoranthene
Concen: 0.379 ng/ul
RT: 19.274 min Scan# 3582
Delta R.T. 0.000 min
Lab File: BN019911.D
Acq: 23 May 2022 12:20

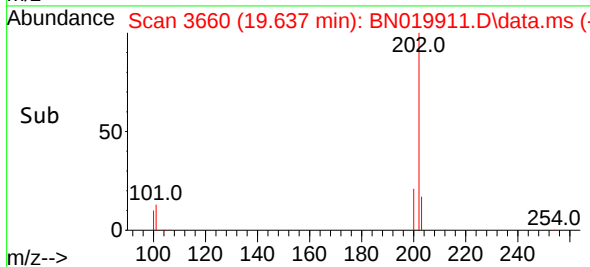
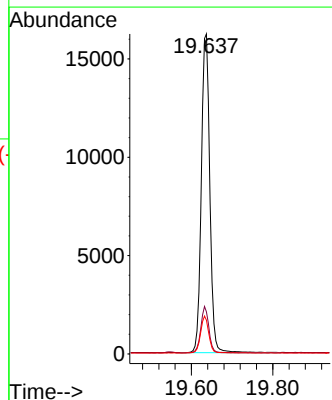
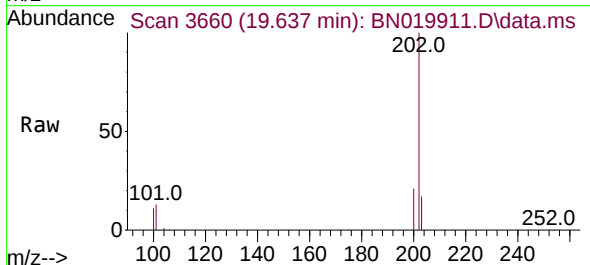
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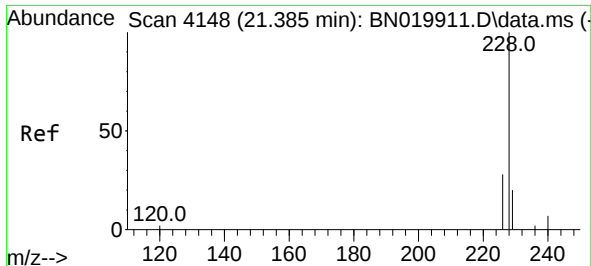
Tgt Ion:202 Resp: 22982
Ion Ratio Lower Upper
202 100
101 11.3 9.7 14.5
100 8.5 7.4 11.2



#20
Pyrene
Concen: 0.387 ng/ul
RT: 19.637 min Scan# 3660
Delta R.T. 0.000 min
Lab File: BN019911.D
Acq: 23 May 2022 12:20

Tgt Ion:202 Resp: 23424
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 10.6 9.0 13.4

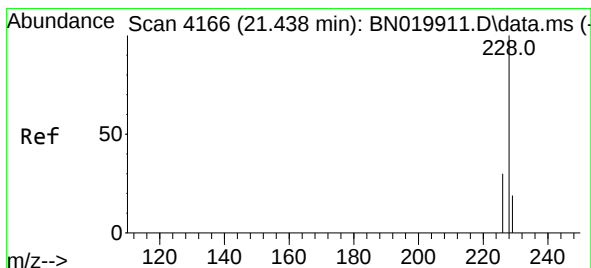
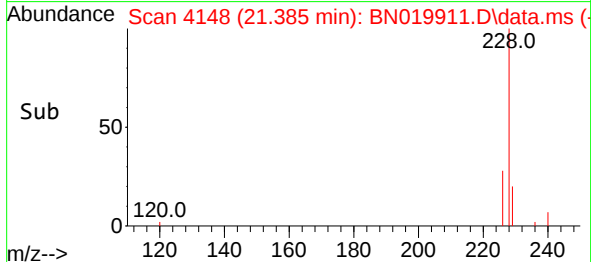
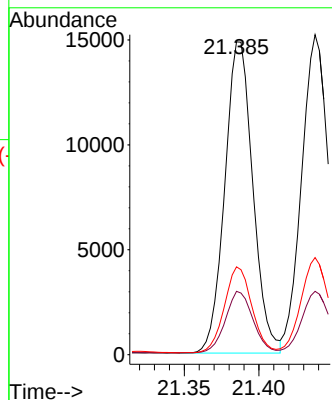
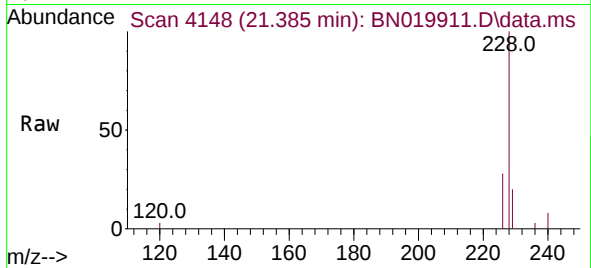




#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.385 min Scan# 4148
Delta R.T. 0.000 min
Lab File: BN019911.D
Acq: 23 May 2022 12:20

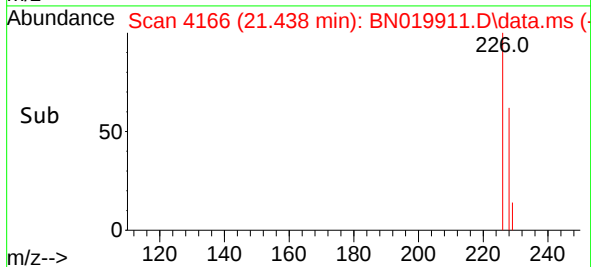
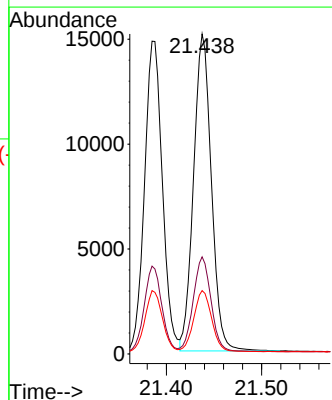
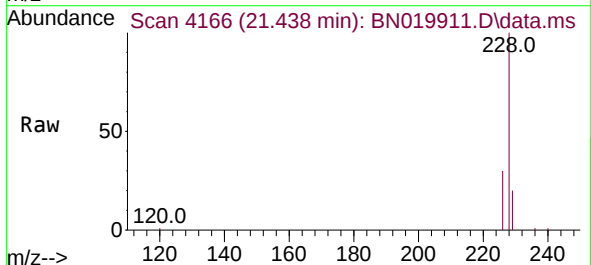
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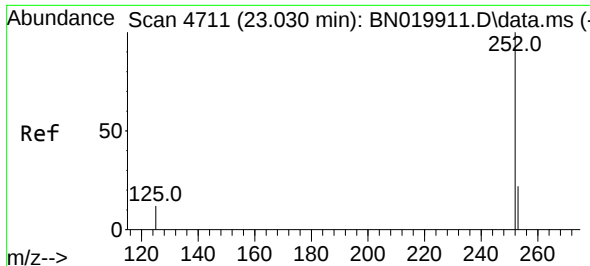
Tgt Ion:228 Resp: 19387
Ion Ratio Lower Upper
228 100
229 20.2 16.1 24.1
226 28.1 22.1 33.1



#22
Chrysene
Concen: 0.336 ng/ul
RT: 21.438 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BN019911.D
Acq: 23 May 2022 12:20

Tgt Ion:228 Resp: 19615
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.8 16.0 24.0

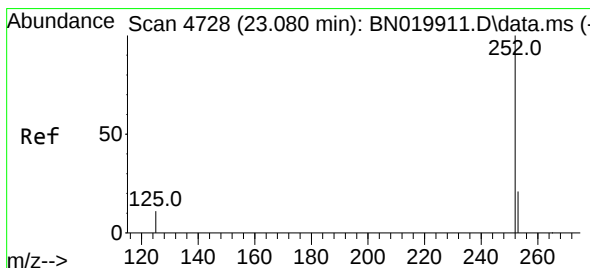
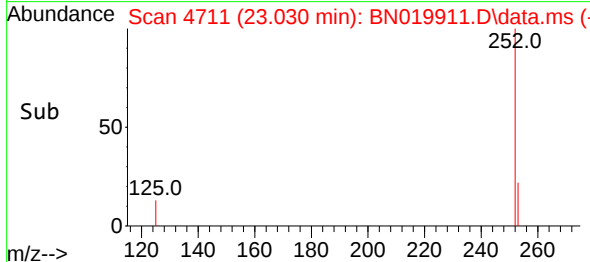
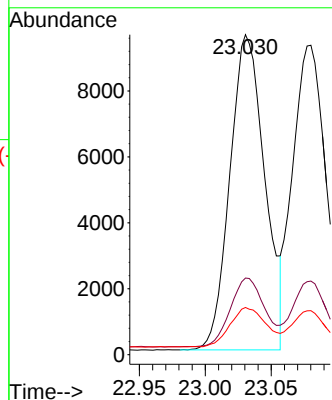
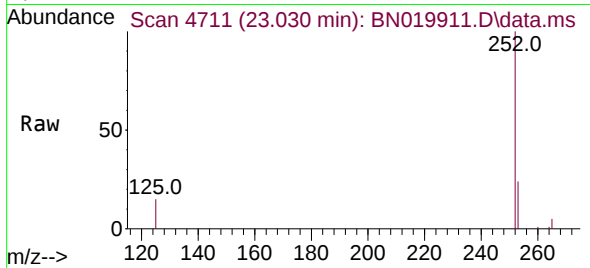




#24
Benzo(b)fluoranthene
Concen: 0.317 ng/ul
RT: 23.030 min Scan# 4711
Delta R.T. 0.000 min
Lab File: BN019911.D
Acq: 23 May 2022 12:20

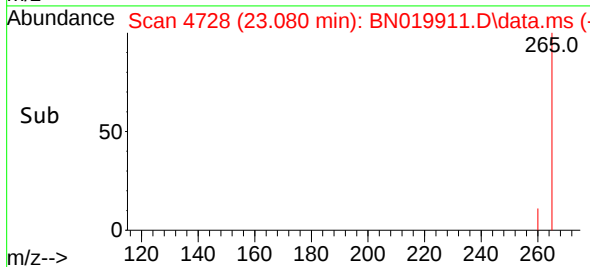
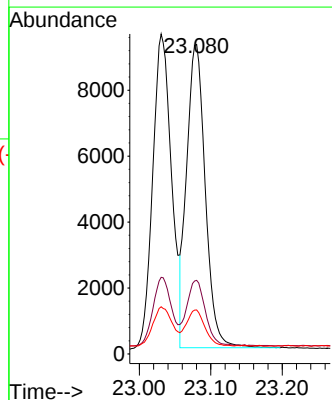
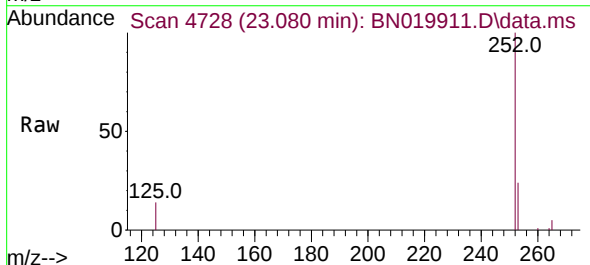
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

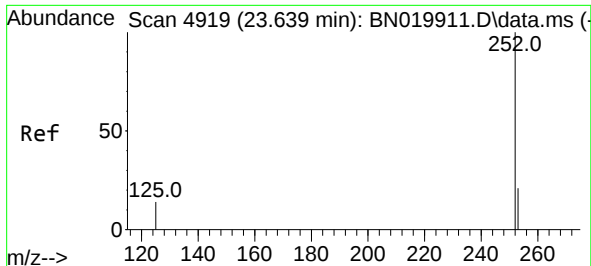
Tgt Ion:252 Resp: 17582
Ion Ratio Lower Upper
252 100
253 23.9 0.0 52.0
125 14.8 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.313 ng/ul
RT: 23.080 min Scan# 4728
Delta R.T. 0.000 min
Lab File: BN019911.D
Acq: 23 May 2022 12:20

Tgt Ion:252 Resp: 16691
Ion Ratio Lower Upper
252 100
253 23.8 20.2 30.2
125 14.2 11.0 16.6

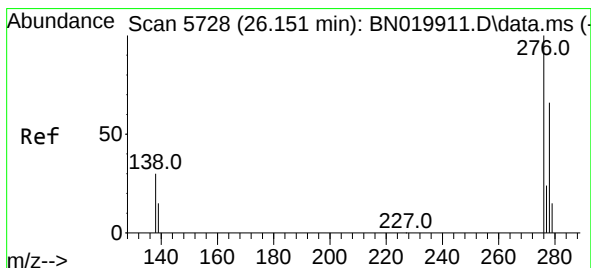
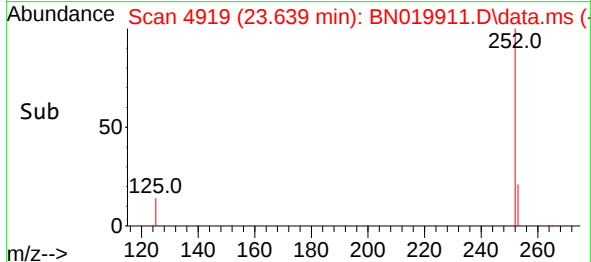
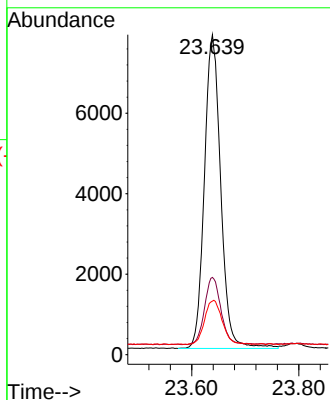
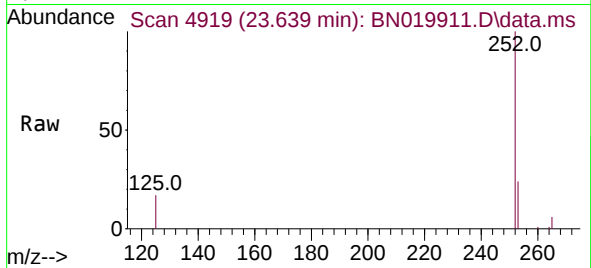




#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 23.639 min Scan# 4919
Delta R.T. 0.000 min
Lab File: BN019911.D
Acq: 23 May 2022 12:20

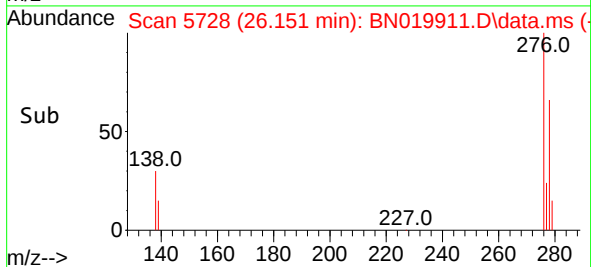
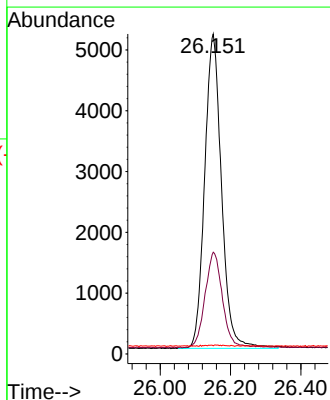
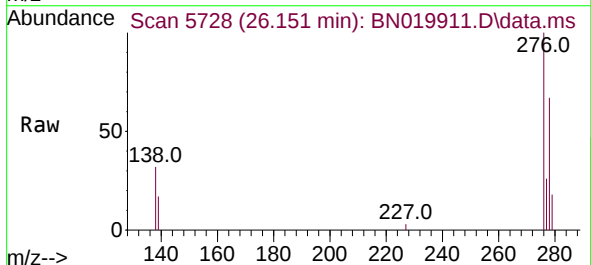
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

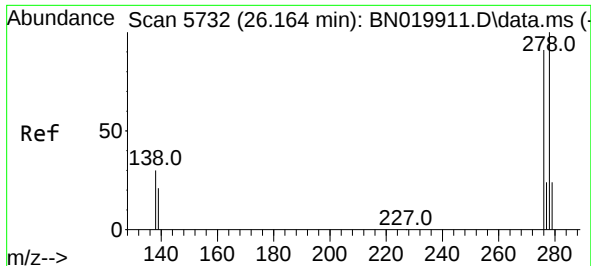
Tgt Ion:252 Resp: 16482
Ion Ratio Lower Upper
252 100
253 24.1 23.4 35.0
125 16.8 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.291 ng/ul
RT: 26.151 min Scan# 5728
Delta R.T. 0.000 min
Lab File: BN019911.D
Acq: 23 May 2022 12:20

Tgt Ion:276 Resp: 17167
Ion Ratio Lower Upper
276 100
138 31.3 23.6 35.4
227 0.1 0.0 0.0#

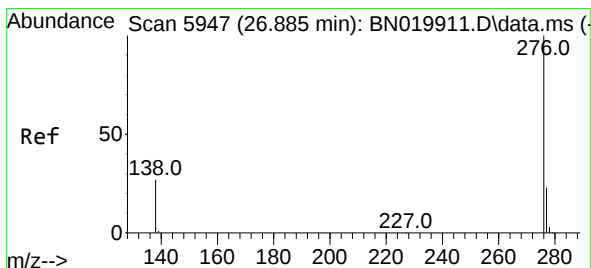
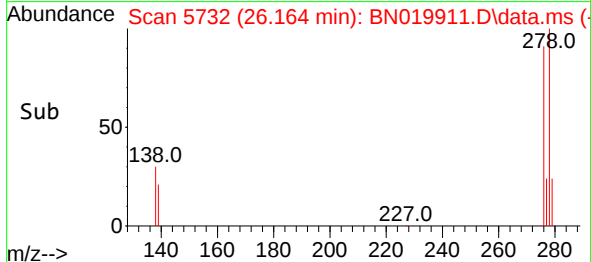
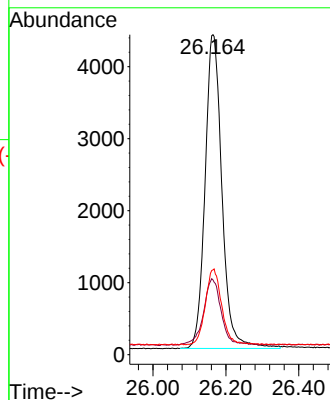
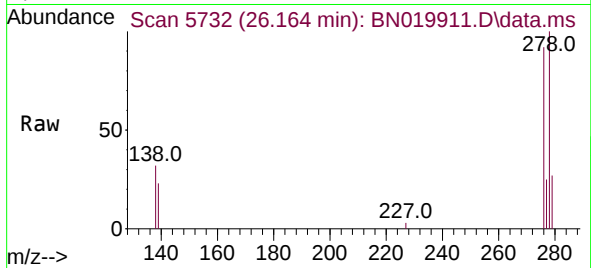




#28
Dibenzo(a,h)anthracene
Concen: 0.285 ng/ul
RT: 26.164 min Scan# 5732
Delta R.T. 0.000 min
Lab File: BN019911.D
Acq: 23 May 2022 12:20

Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

Tgt Ion: 278 Resp: 14013
Ion Ratio Lower Upper
278 100
139 23.4 18.6 28.0
279 26.5 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.274 ng/ul
RT: 26.885 min Scan# 5947
Delta R.T. 0.000 min
Lab File: BN019911.D
Acq: 23 May 2022 12:20

Tgt Ion: 276 Resp: 14758
Ion Ratio Lower Upper
276 100
138 29.2 20.9 31.3
277 25.4 20.4 30.6

