

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061822\
 Data File : BN020265.D
 Acq On : 18 Jun 2022 19:30
 Operator : CG/JU
 Sample : SST0.404
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4204

Quant Time: Jun 20 00:57:50 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 00:54:39 2022
 Response via : Initial Calibration

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

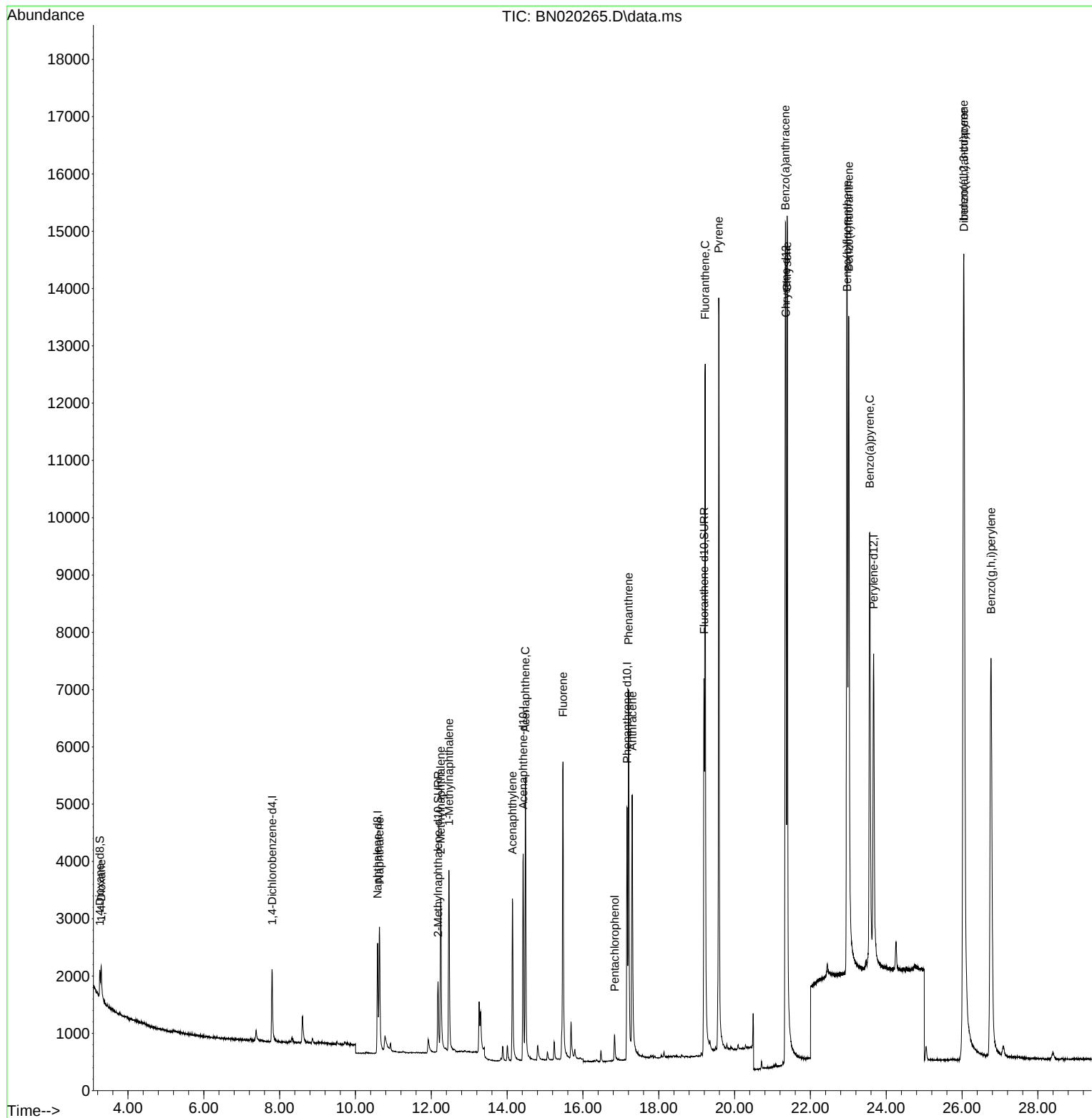
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	854	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	3187	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.423	164	2365	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.166	188	6095	0.400	ng/ul	0.00
17) Chrysene-d12	21.353	240	9229	0.400	ng/ul	0.00
23) Perylene-d12	23.668	264	8349	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	423	0.435	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	2093	0.411	ng/ul	0.00
18) Fluoranthene-d10	19.192	212	7853	0.281	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.294	88	405	0.396	ng/ul	100
5) Naphthalene	10.634	128	3658	0.365	ng/ul	100
7) 2-Methylnaphthalene	12.251	142	2397	0.372	ng/ul	99
8) 1-Methylnaphthalene	12.465	142	2580	0.429	ng/ul	100
10) Acenaphthylene	14.141	152	4068	0.347	ng/ul	100
11) Acenaphthene	14.483	153	3301	0.366	ng/ul	100
12) Fluorene	15.473	166	4059	0.391	ng/ul	100
14) Pentachlorophenol	16.837	266	442	0.345	ng/ul	99
15) Phenanthrene	17.204	178	7629	0.353	ng/ul	100
16) Anthracene	17.301	178	6544	0.350	ng/ul	100
19) Fluoranthene	19.225	202	11850	0.301	ng/ul	100
20) Pyrene	19.583	202	12576	0.317	ng/ul	100
21) Benzo(a)anthracene	21.338	228	11819	0.349	ng/ul	100
22) Chrysene	21.388	228	14342	0.376	ng/ul	100
24) Benzo(b)fluoranthene	22.966	252	18528	0.483	ng/ul	100
25) Benzo(k)fluoranthene	23.010	252	17915	0.476	ng/ul	100
26) Benzo(a)pyrene	23.563	252	13216	0.377	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.040	276	20113	0.503	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.050	278	16078	0.493	ng/ul	100
29) Benzo(g,h,i)perylene	26.765	276	17748	0.525	ng/ul	100

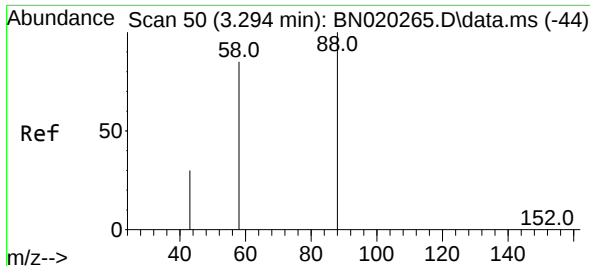
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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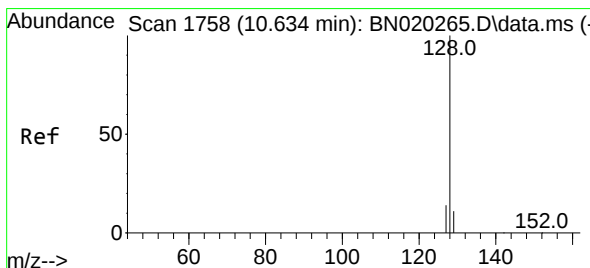
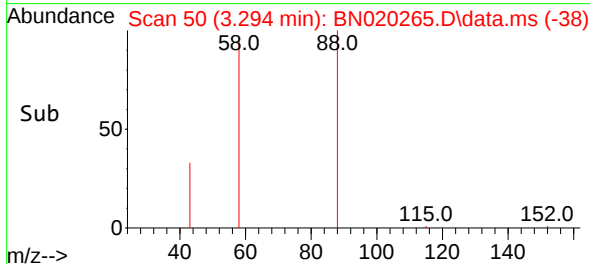
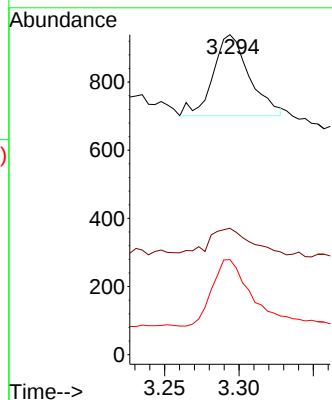
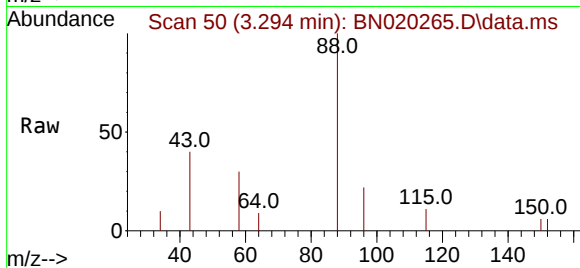




#2
 1,4-Dioxane
 Concen: 0.396 ng/ul
 RT: 3.294 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN020265.D
 Acq: 18 Jun 2022 19:30

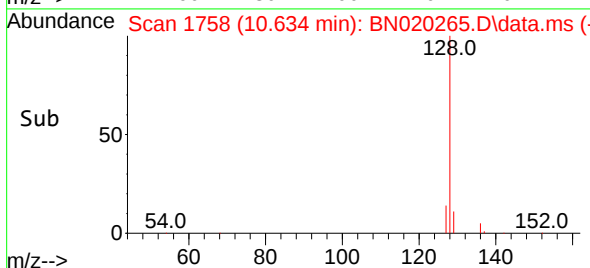
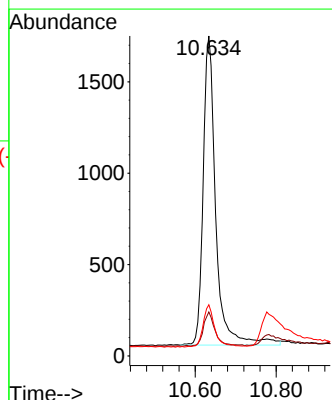
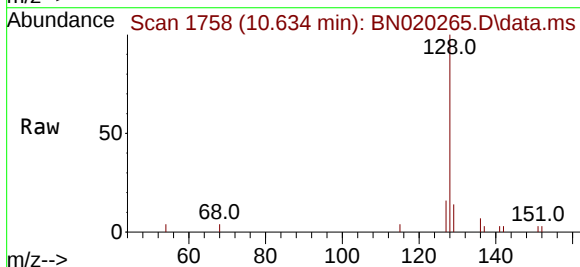
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4204

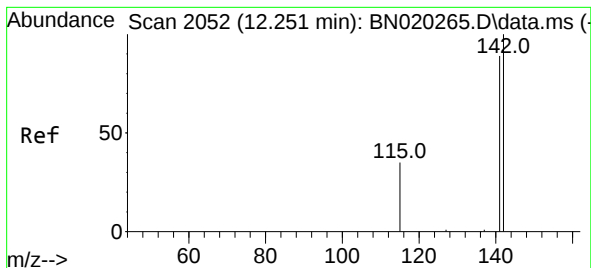
Tgt Ion: 88 Resp: 405
 Ion Ratio Lower Upper
 88 100
 43 39.5 31.6 47.4
 58 29.7 23.8 35.6



#5
 Naphthalene
 Concen: 0.365 ng/ul
 RT: 10.634 min Scan# 1758
 Delta R.T. 0.000 min
 Lab File: BN020265.D
 Acq: 18 Jun 2022 19:30

Tgt Ion: 128 Resp: 3658
 Ion Ratio Lower Upper
 128 100
 129 13.7 11.0 16.4
 127 16.0 12.8 19.2

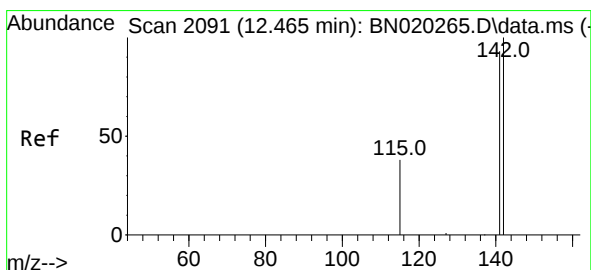
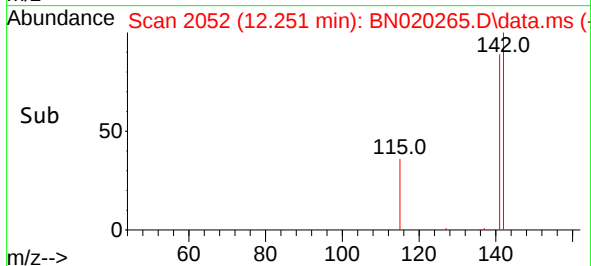
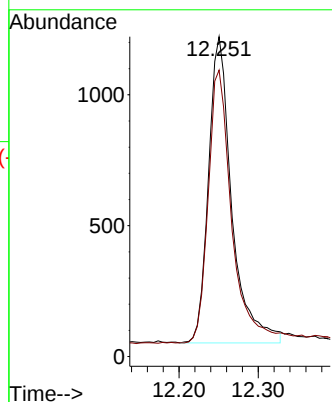
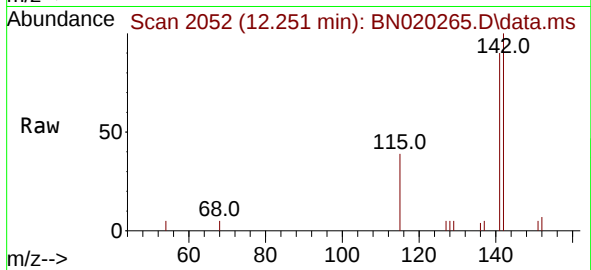




#7
2-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.251 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BN020265.D
Acq: 18 Jun 2022 19:30

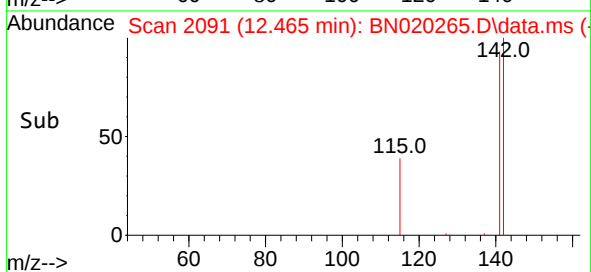
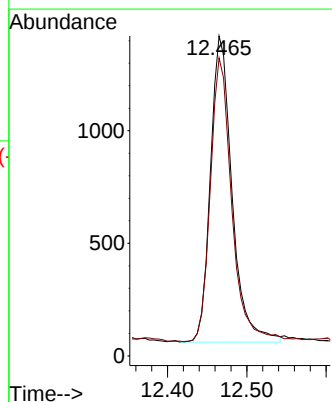
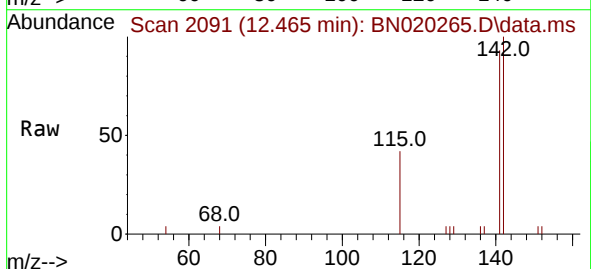
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

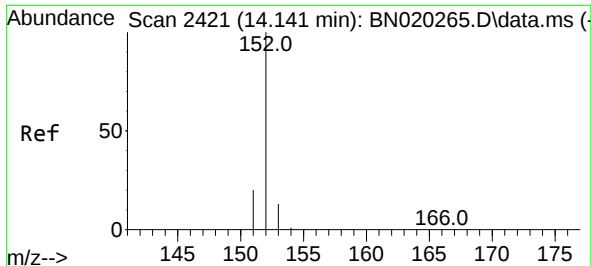
Tgt Ion:142 Resp: 2397
Ion Ratio Lower Upper
142 100
141 89.3 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN020265.D
Acq: 18 Jun 2022 19:30

Tgt Ion:142 Resp: 2580
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.0

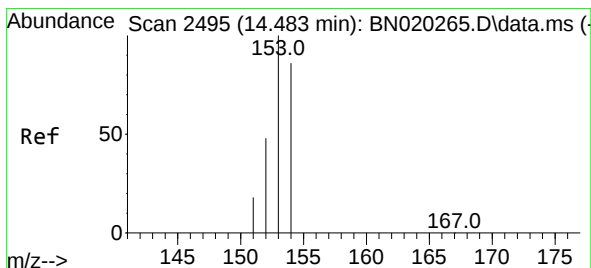
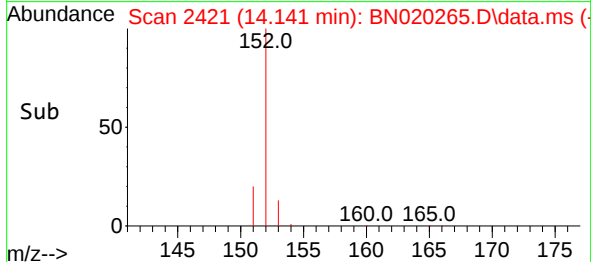
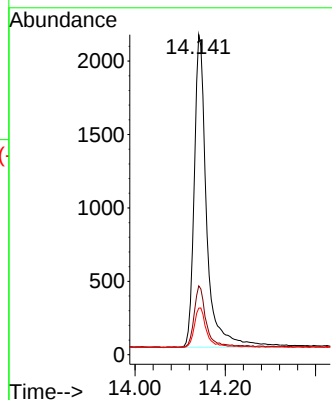
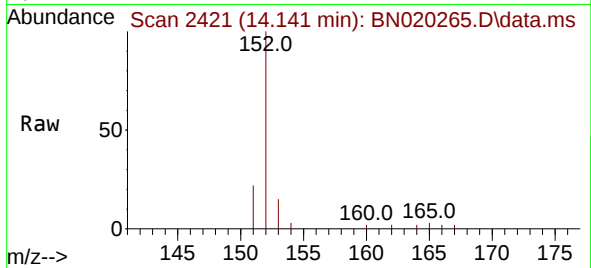




#10
Acenaphthylene
Concen: 0.347 ng/ul
RT: 14.141 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BN020265.D
Acq: 18 Jun 2022 19:30

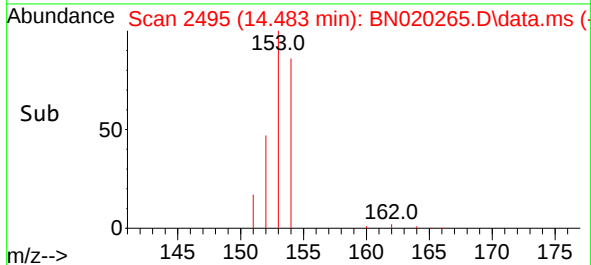
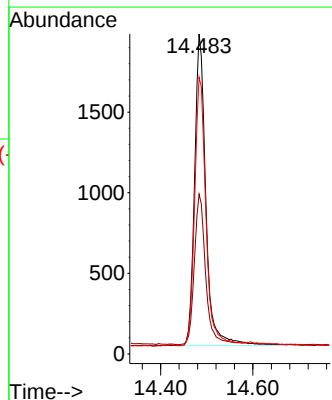
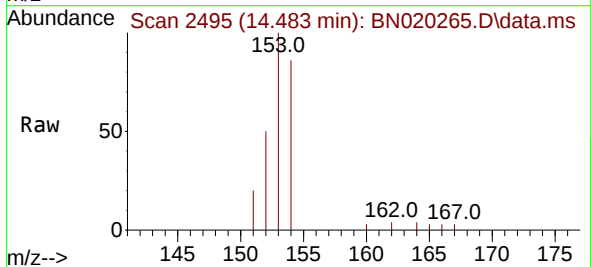
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

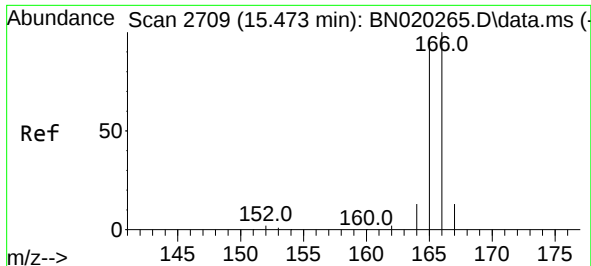
Tgt Ion:152 Resp: 4068
Ion Ratio Lower Upper
152 100
151 21.5 17.2 25.8
153 14.6 11.7 17.5



#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BN020265.D
Acq: 18 Jun 2022 19:30

Tgt Ion:153 Resp: 3301
Ion Ratio Lower Upper
153 100
152 49.9 39.9 59.9
154 86.5 69.2 103.8

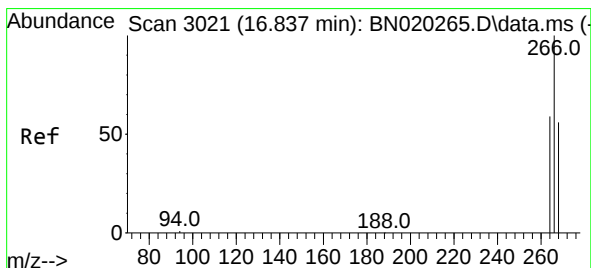
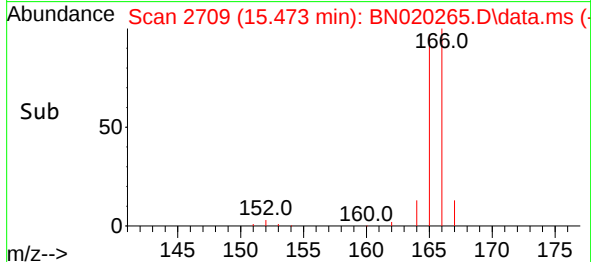
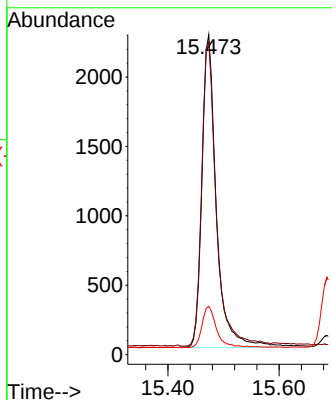
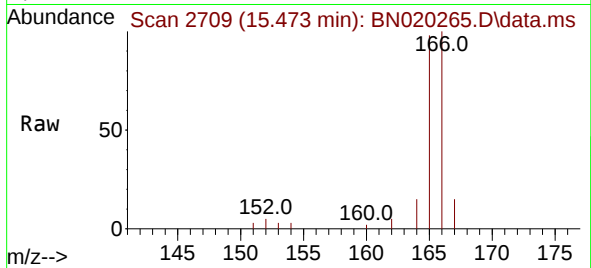




#12
Fluorene
Concen: 0.391 ng/ul
RT: 15.473 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020265.D
Acq: 18 Jun 2022 19:30

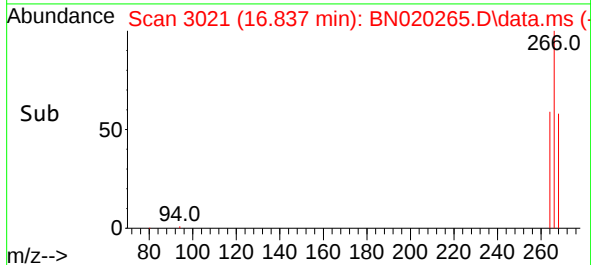
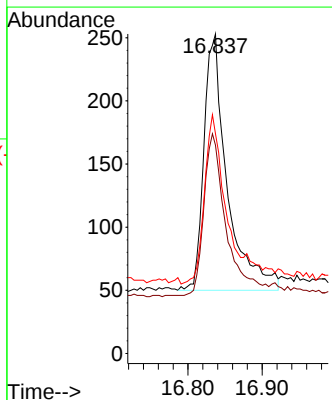
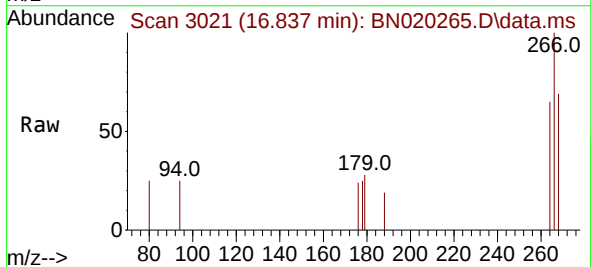
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

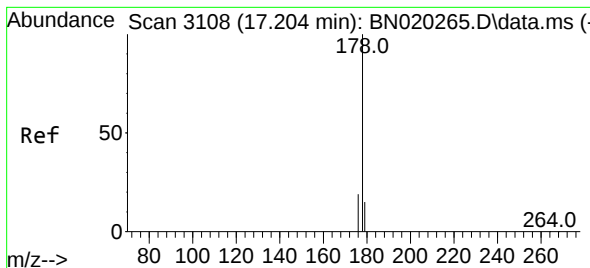
Tgt Ion:166 Resp: 4059
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.4
167 15.1 12.1 18.1



#14
Pentachlorophenol
Concen: 0.345 ng/ul
RT: 16.837 min Scan# 3021
Delta R.T. 0.000 min
Lab File: BN020265.D
Acq: 18 Jun 2022 19:30

Tgt Ion:266 Resp: 442
Ion Ratio Lower Upper
266 100
264 62.0 49.8 74.8
268 64.0 51.8 77.6





#15

Phenanthrene

Concen: 0.353 ng/ul

RT: 17.204 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BN020265.D

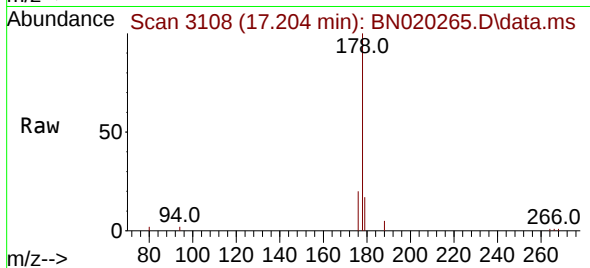
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Instrument :

BNA_N

ClientSampleId :

SSTD0.4204



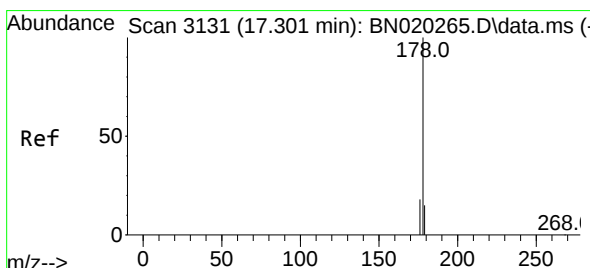
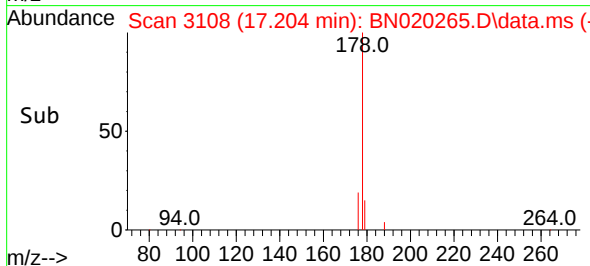
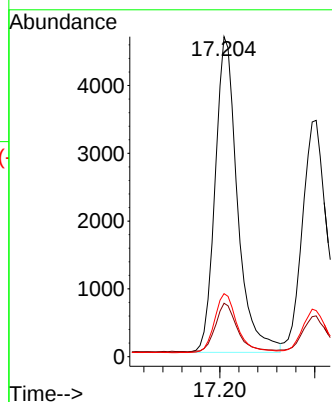
Tgt Ion:178 Resp: 7629

Ion Ratio Lower Upper

178 100

179 16.7 13.4 20.0

176 19.7 15.8 23.6



#16

Anthracene

Concen: 0.350 ng/ul

RT: 17.301 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BN020265.D

Acq: 18 Jun 2022 19:30

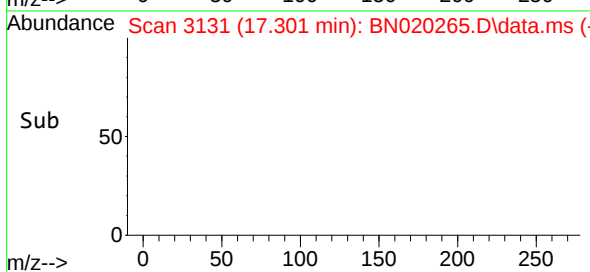
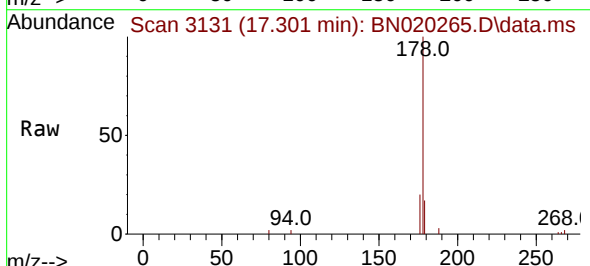
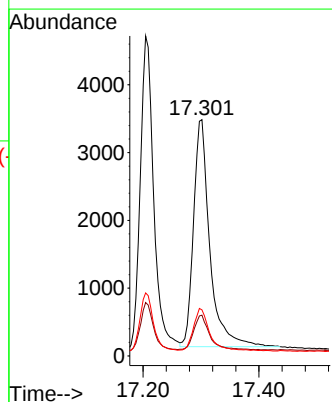
Tgt Ion:178 Resp: 6544

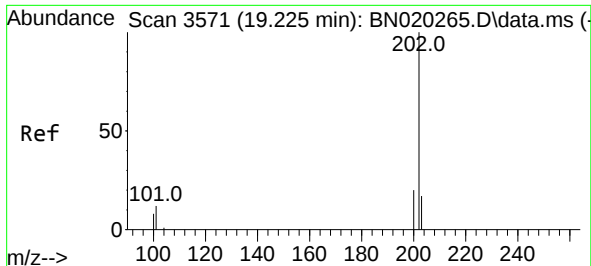
Ion Ratio Lower Upper

178 100

179 17.3 13.8 20.8

176 19.5 15.6 23.4

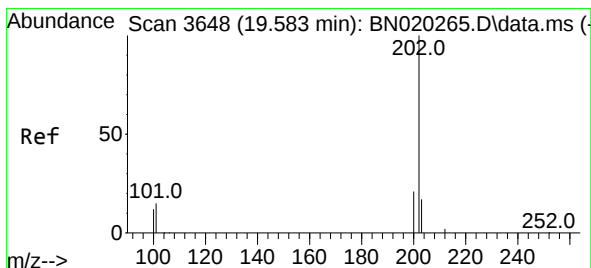
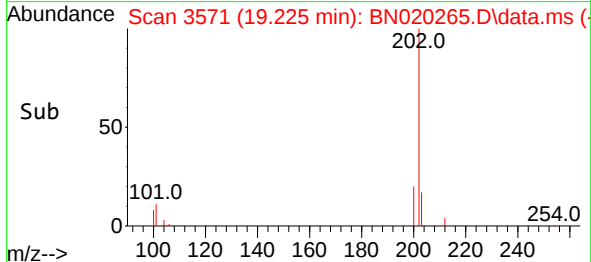
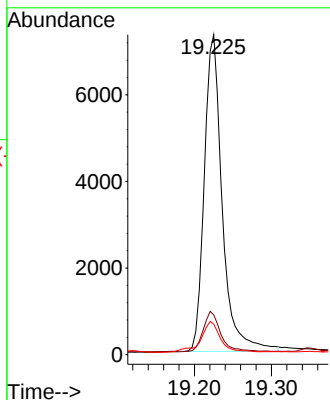
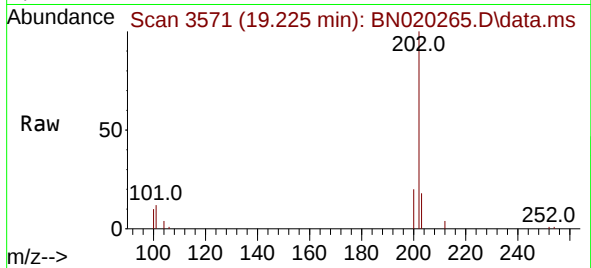




#19
Fluoranthene
Concen: 0.301 ng/u1
RT: 19.225 min Scan# 3571
Delta R.T. 0.000 min
Lab File: BN020265.D
Acq: 18 Jun 2022 19:30

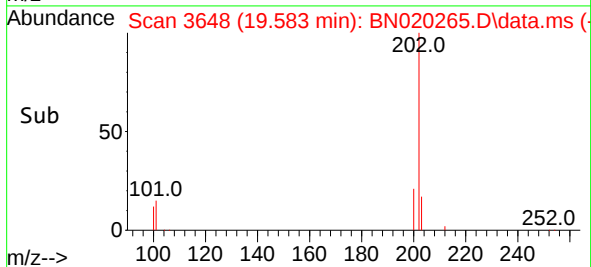
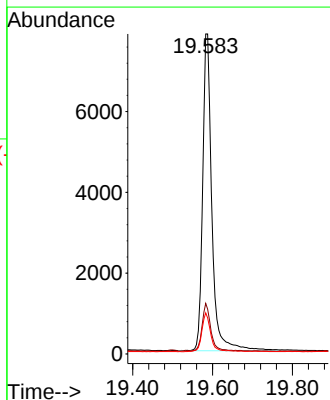
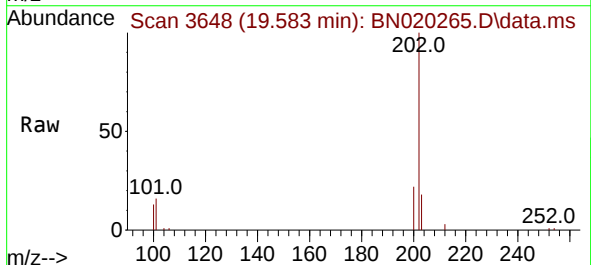
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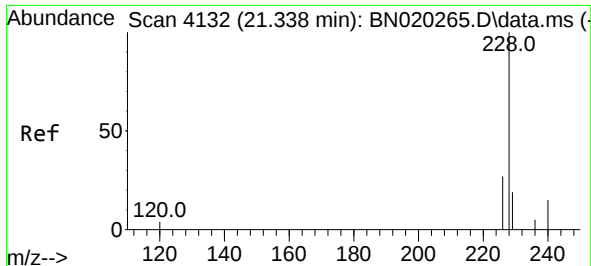
Tgt Ion:202 Resp: 11850
Ion Ratio Lower Upper
202 100
101 12.4 9.9 14.9
100 9.5 7.6 11.4



#20
Pyrene
Concen: 0.317 ng/u1
RT: 19.583 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN020265.D
Acq: 18 Jun 2022 19:30

Tgt Ion:202 Resp: 12576
Ion Ratio Lower Upper
202 100
101 15.8 12.6 19.0
100 12.9 10.3 15.5

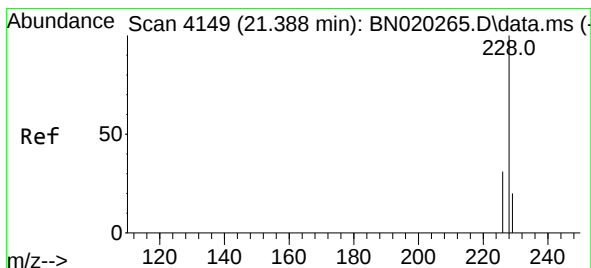
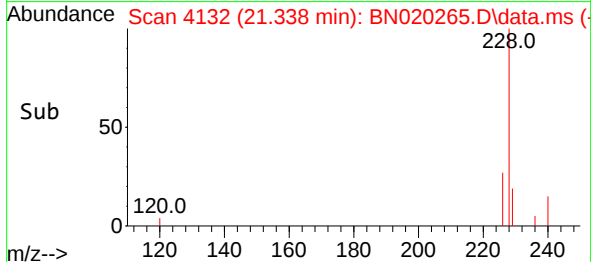
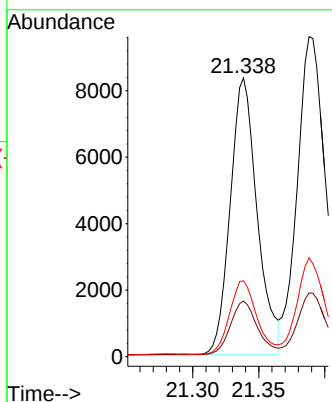
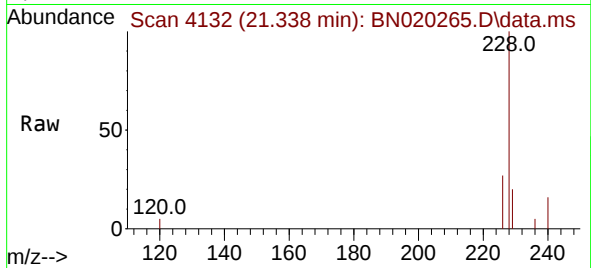




#21
Benzo(a)anthracene
Concen: 0.349 ng/ul
RT: 21.338 min Scan# 4132
Delta R.T. 0.000 min
Lab File: BN020265.D
Acq: 18 Jun 2022 19:30

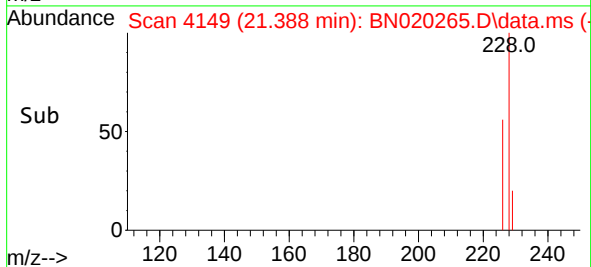
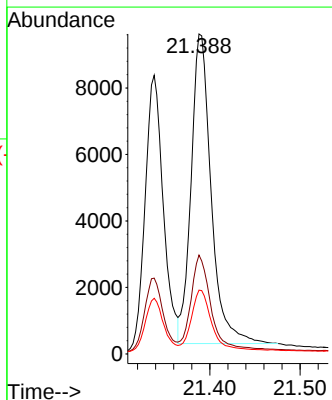
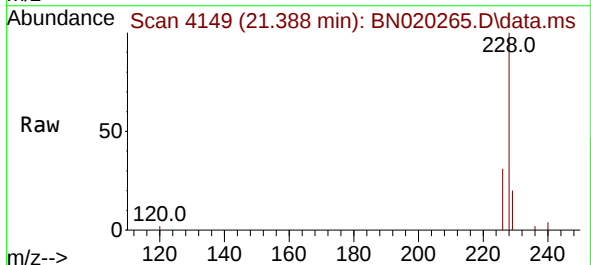
Instrument :
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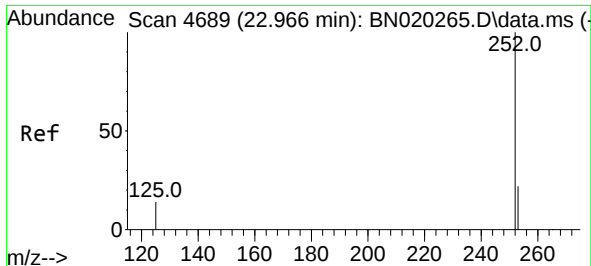
Tgt Ion:228 Resp: 11819
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.2 21.8 32.6



#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.388 min Scan# 4149
Delta R.T. 0.000 min
Lab File: BN020265.D
Acq: 18 Jun 2022 19:30

Tgt Ion:228 Resp: 14342
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 20.0 16.0 24.0

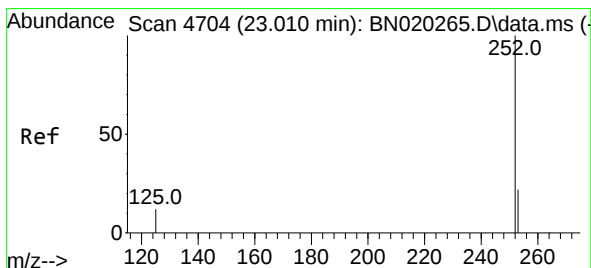
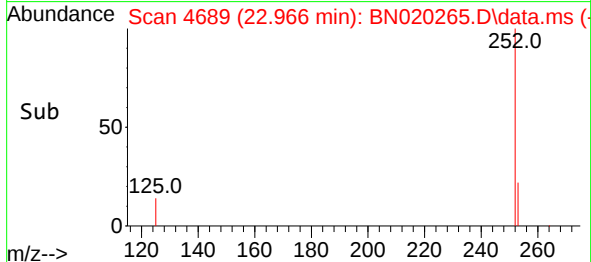
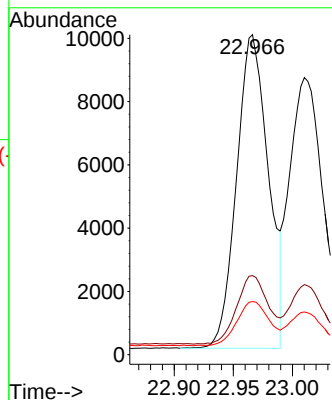
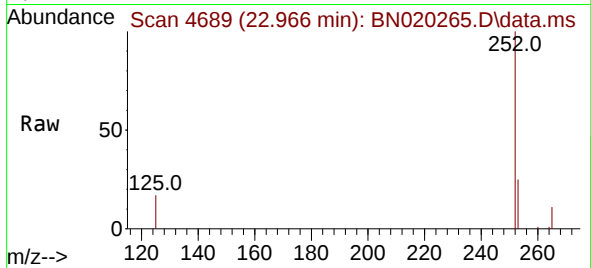




#24
Benzo(b)fluoranthene
Concen: 0.483 ng/ul
RT: 22.966 min Scan# 4689
Delta R.T. 0.000 min
Lab File: BN020265.D
Acq: 18 Jun 2022 19:30

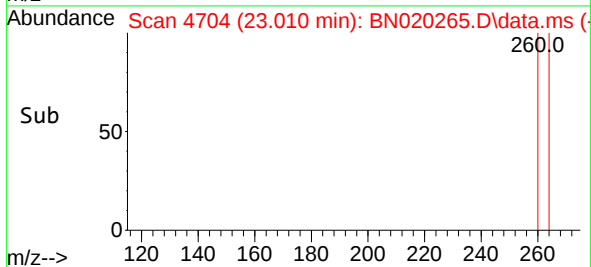
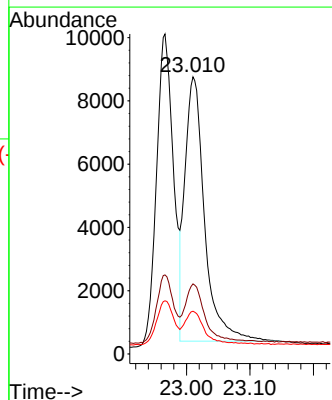
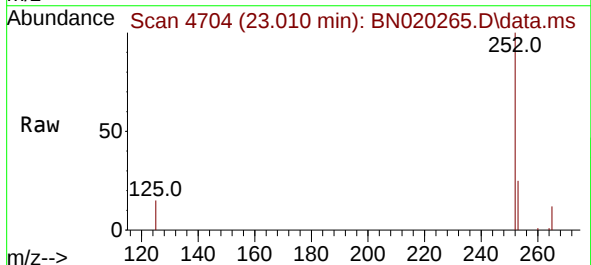
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

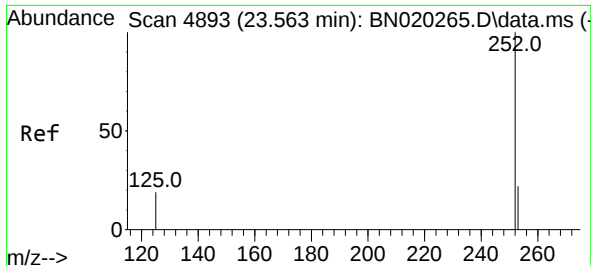
Tgt Ion:252 Resp: 18528
Ion Ratio Lower Upper
252 100
253 24.7 0.0 49.4
125 16.6 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.476 ng/ul
RT: 23.010 min Scan# 4704
Delta R.T. 0.000 min
Lab File: BN020265.D
Acq: 18 Jun 2022 19:30

Tgt Ion:252 Resp: 17915
Ion Ratio Lower Upper
252 100
253 25.3 20.2 30.4
125 15.4 12.3 18.5

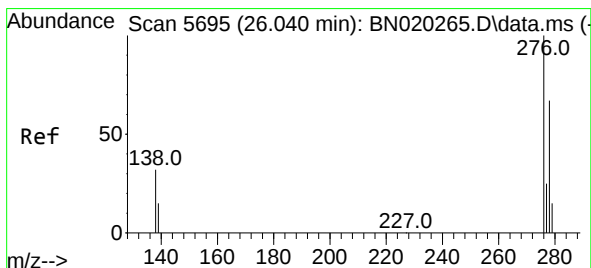
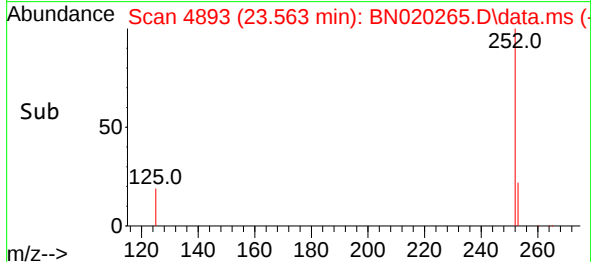
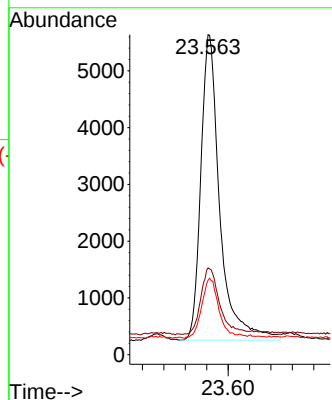
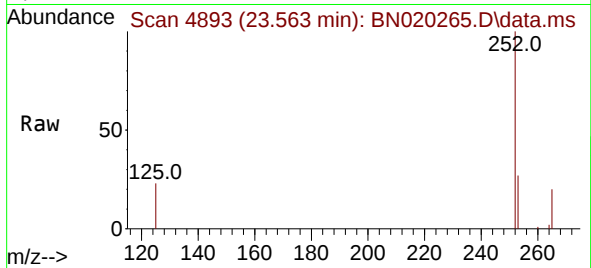




#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.563 min Scan# 4893
Delta R.T. 0.000 min
Lab File: BN020265.D
Acq: 18 Jun 2022 19:30

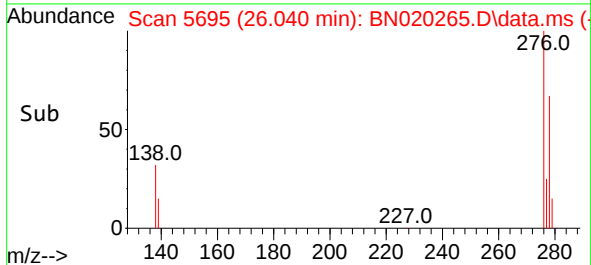
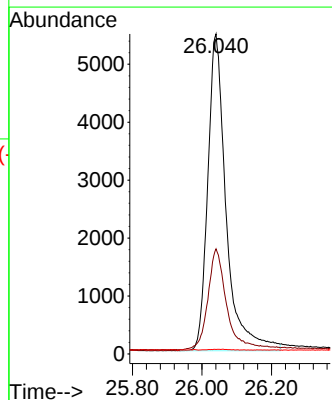
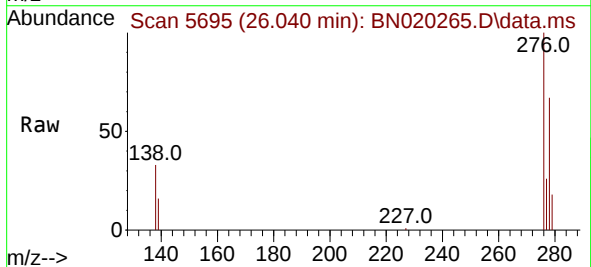
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

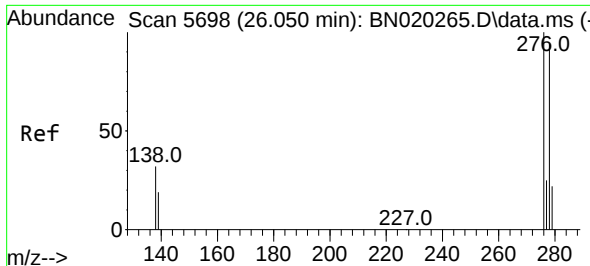
Tgt Ion:252 Resp: 13216
Ion Ratio Lower Upper
252 100
253 27.1 21.7 32.5
125 23.3 18.6 28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.503 ng/ul
RT: 26.040 min Scan# 5695
Delta R.T. 0.000 min
Lab File: BN020265.D
Acq: 18 Jun 2022 19:30

Tgt Ion:276 Resp: 20113
Ion Ratio Lower Upper
276 100
138 33.0 26.5 39.7
227 0.0 0.0 0.0

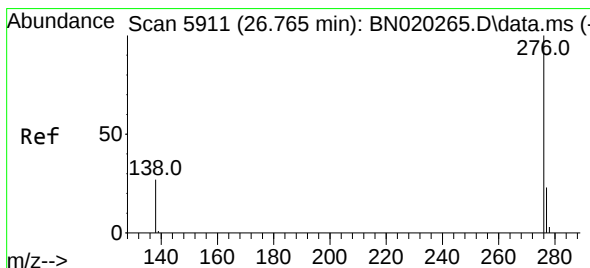
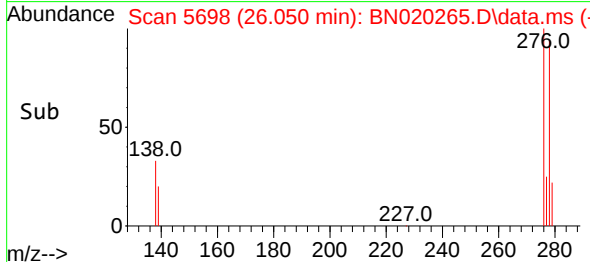
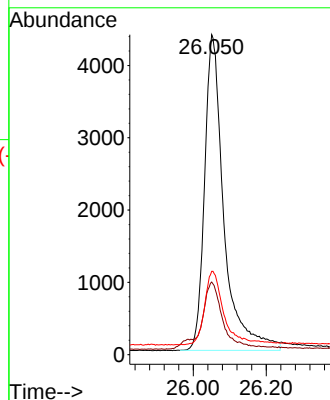
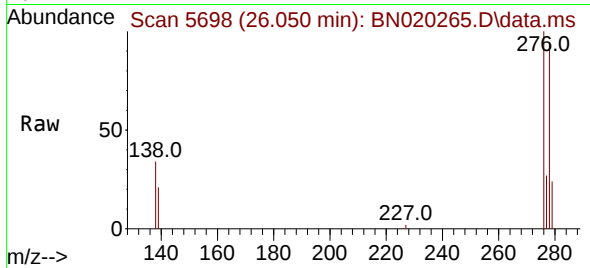




#28
Dibenzo(a,h)anthracene
Concen: 0.493 ng/ul
RT: 26.050 min Scan# 5698
Delta R.T. 0.000 min
Lab File: BN020265.D
Acq: 18 Jun 2022 19:30

Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

Tgt Ion:278 Resp: 16078
Ion Ratio Lower Upper
278 100
139 22.7 18.2 27.2
279 26.0 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.525 ng/ul
RT: 26.765 min Scan# 5911
Delta R.T. 0.000 min
Lab File: BN020265.D
Acq: 18 Jun 2022 19:30

Tgt Ion:276 Resp: 17748
Ion Ratio Lower Upper
276 100
138 28.7 23.0 34.4
277 24.6 19.7 29.5

