

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122821\
 Data File : BN018246.D
 Acq On : 28 Dec 2021 19:52
 Operator : CG/JU
 Sample : PB141661BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS661

Quant Time: Dec 29 05:57:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 28 00:34:45 2021
 Response via : Initial Calibration

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

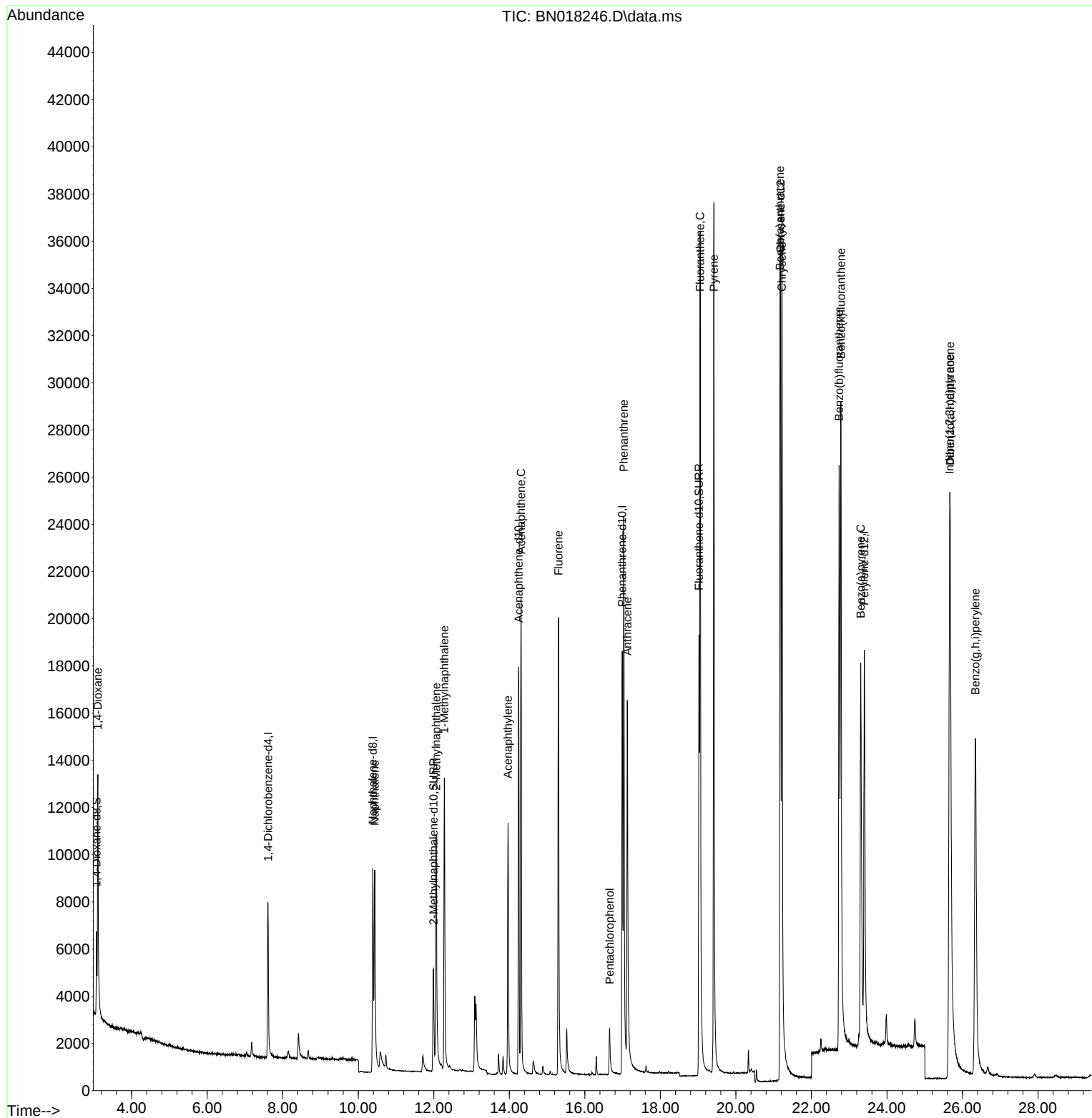
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	4216	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	14679	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	10472	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.990	188	24298	0.400	ng/ul	0.00
17) Chrysene-d12	21.181	240	24560	0.400	ng/ul	0.00
23) Perylene-d12	23.402	264	24063	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.071	96	2914	0.740	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	7621	0.299	ng/ul	0.00
18) Fluoranthene-d10	19.021	212	25649	0.352	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	7037	1.607	ng/ul#	75
5) Naphthalene	10.436	128	14242	0.327	ng/ul	99
7) 2-Methylnaphthalene	12.064	142	9596	0.301	ng/ul	100
8) 1-Methylnaphthalene	12.279	142	9960	0.310	ng/ul	100
10) Acenaphthylene	13.966	152	14095	0.312	ng/ul	99
11) Acenaphthene	14.308	153	12776	0.350	ng/ul	99
12) Fluorene	15.303	166	15144	0.337	ng/ul	100
14) Pentachlorophenol	16.656	266	1893	0.197	ng/ul	98
15) Phenanthrene	17.032	178	27602	0.343	ng/ul	99
16) Anthracene	17.125	178	22035	0.305	ng/ul	99
19) Fluoranthene	19.054	202	35413	0.363	ng/ul	99
20) Pyrene	19.416	202	36810	0.361	ng/ul	99
21) Benzo(a)anthracene	21.167	228	28572	0.305	ng/ul	100
22) Chrysene	21.219	228	37554	0.369	ng/ul	100
24) Benzo(b)fluoranthene	22.733	252	34341	0.341	ng/ul	100
25) Benzo(k)fluoranthene	22.780	252	43489	0.379	ng/ul	99
26) Benzo(a)pyrene	23.306	252	31847	0.333	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.659	276	42652	0.351	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.672	278	32125	0.342	ng/ul	100
29) Benzo(g,h,i)perylene	26.343	276	36604	0.354	ng/ul	99

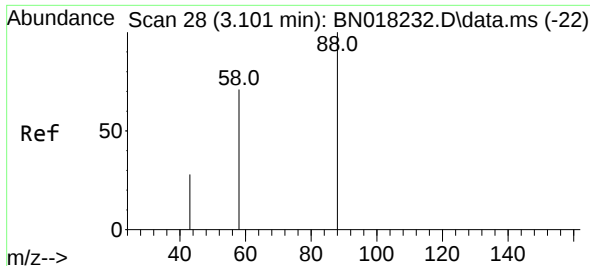
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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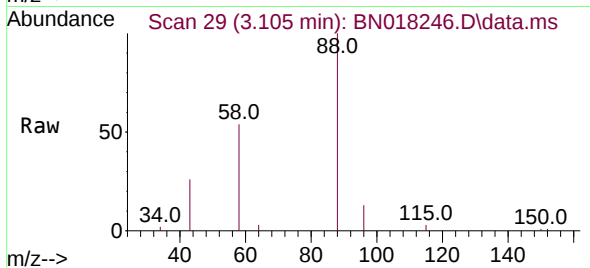
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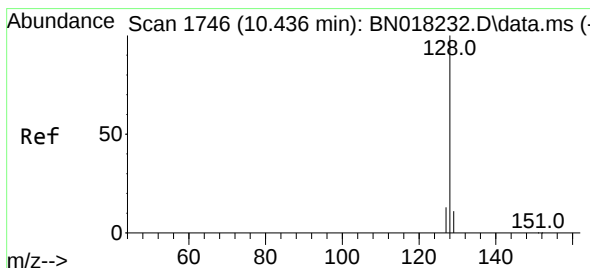
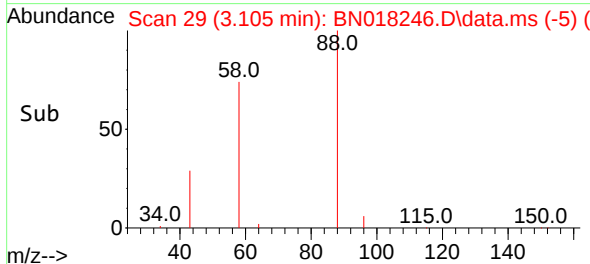
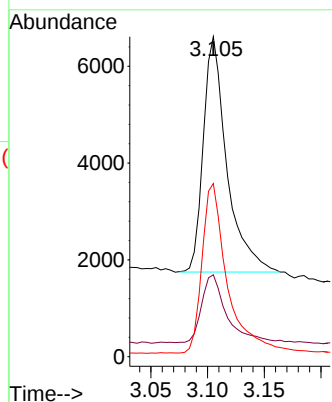


#2
1,4-Dioxane
Concen: 1.607 ng/ul
RT: 3.105 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN018246.D
Acq: 28 Dec 2021 19:52

Instrument :
BNA_N
ClientSampleId :
SLCS661

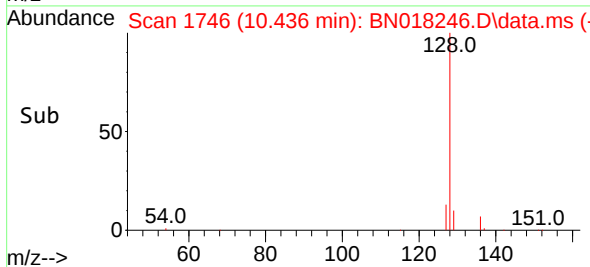
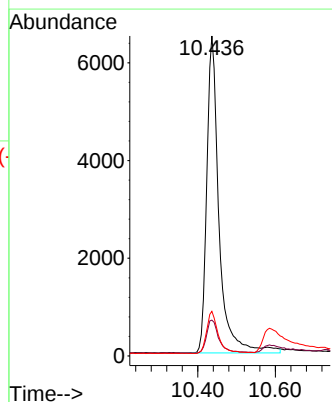
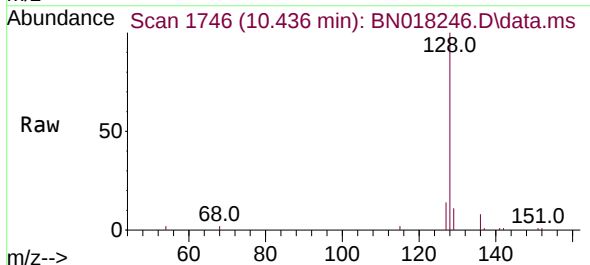


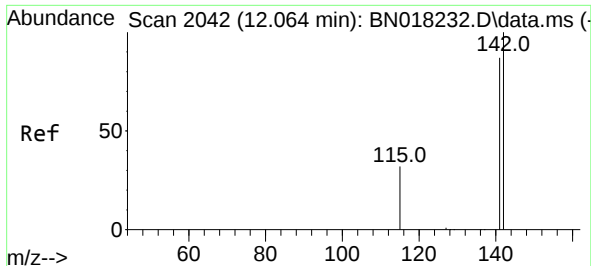
Tgt Ion: 88 Resp: 7037
Ion Ratio Lower Upper
88 100
43 25.6 47.8 71.8#
58 54.1 46.2 69.2



#5
Naphthalene
Concen: 0.327 ng/ul
RT: 10.436 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN018246.D
Acq: 28 Dec 2021 19:52

Tgt Ion: 128 Resp: 14242
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 14.0 11.0 16.6

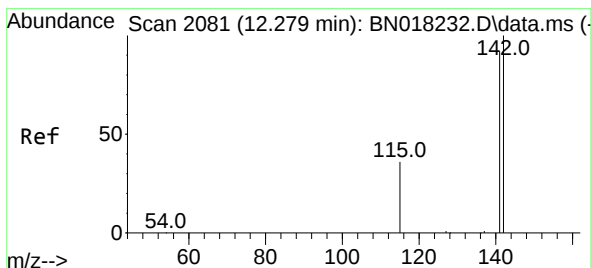
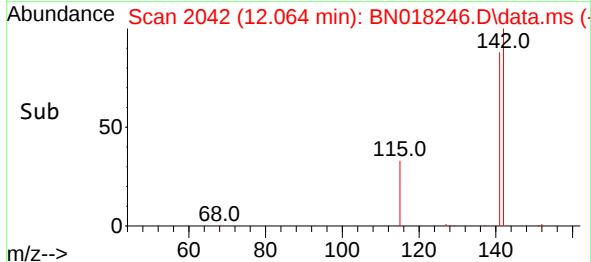
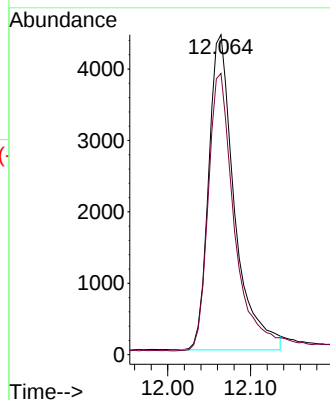
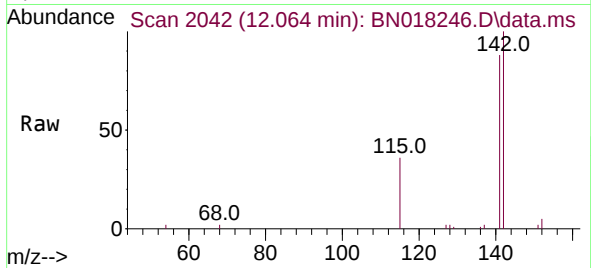




#7
2-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.064 min Scan# 2042
Delta R.T. 0.005 min
Lab File: BN018246.D
Acq: 28 Dec 2021 19:52

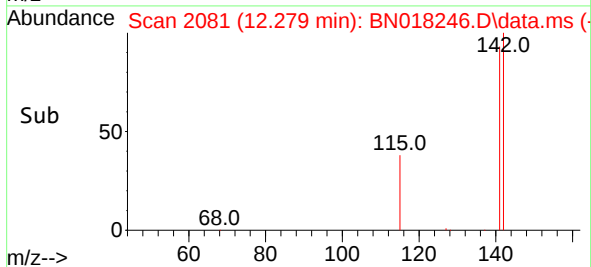
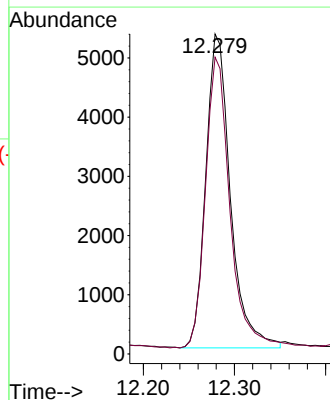
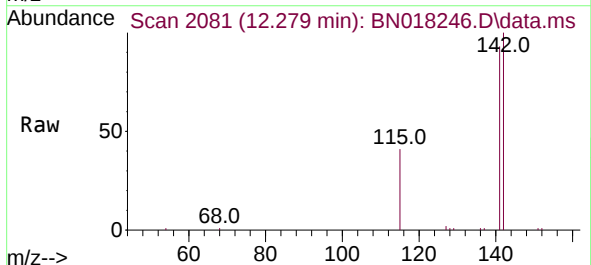
Instrument :
BNA_N
ClientSampleId :
SLCS661

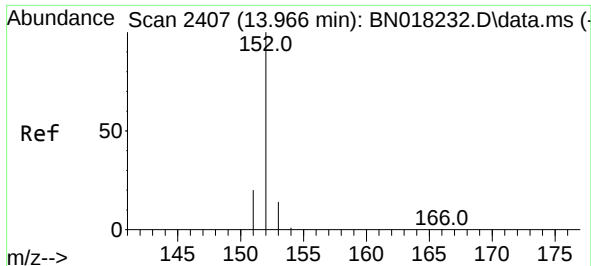
Tgt Ion:142 Resp: 9596
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BN018246.D
Acq: 28 Dec 2021 19:52

Tgt Ion:142 Resp: 9960
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8

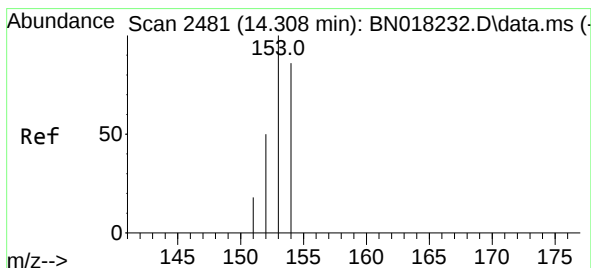
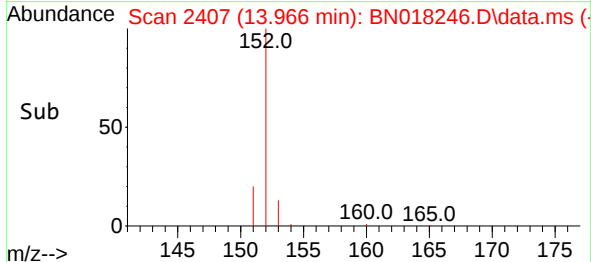
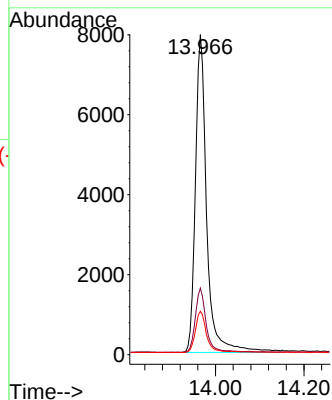
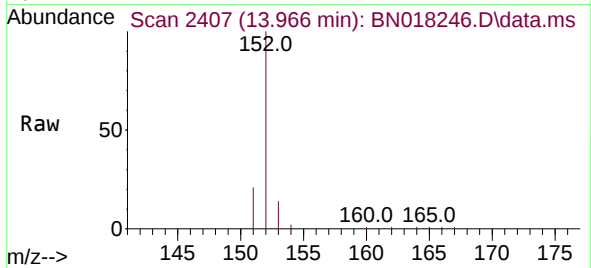




#10
Acenaphthylene
Concen: 0.312 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BN018246.D
Acq: 28 Dec 2021 19:52

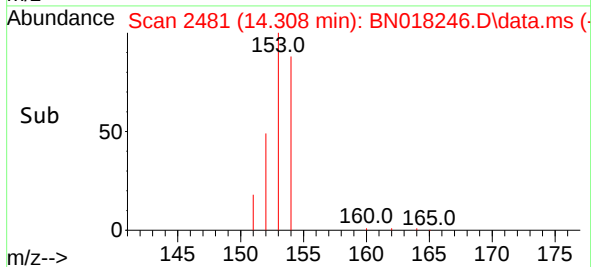
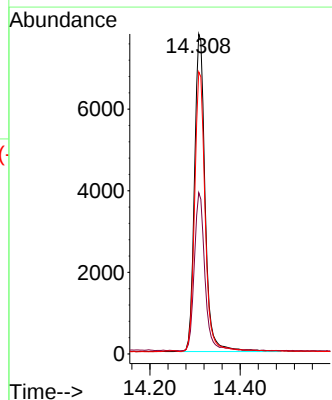
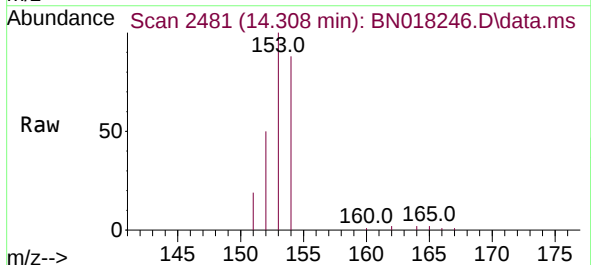
Instrument :
BNA_N
ClientSampleId :
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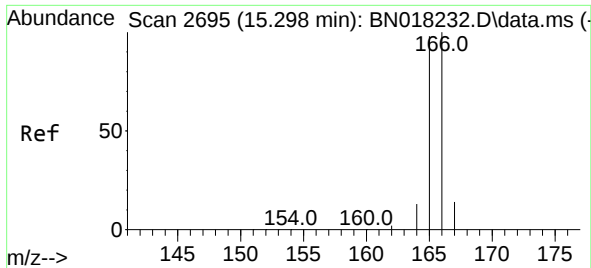
Tgt Ion:152 Resp: 14095
Ion Ratio Lower Upper
152 100
151 20.8 15.8 23.8
153 13.6 10.7 16.1



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.308 min Scan# 2481
Delta R.T. -0.000 min
Lab File: BN018246.D
Acq: 28 Dec 2021 19:52

Tgt Ion:153 Resp: 12776
Ion Ratio Lower Upper
153 100
152 50.4 39.7 59.5
154 88.1 70.9 106.3

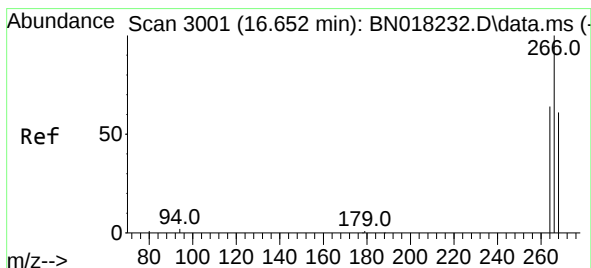
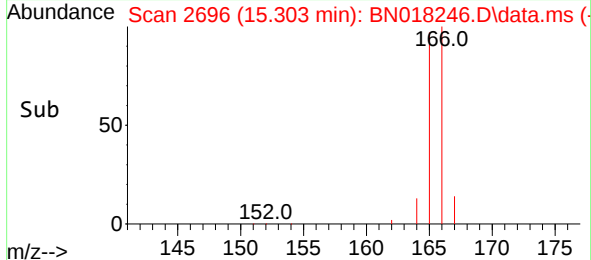
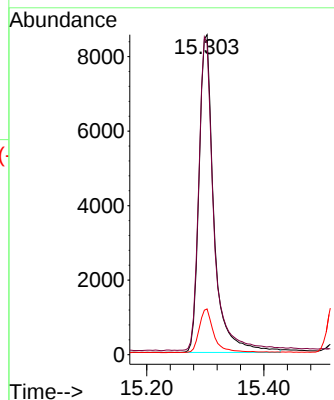
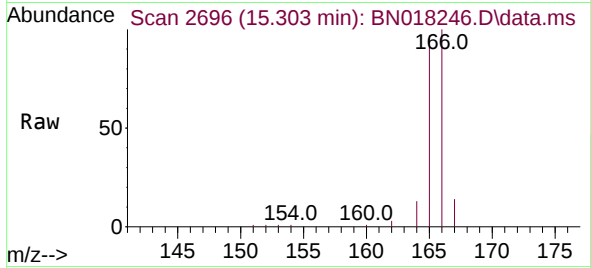




#12
 Fluorene
 Concen: 0.337 ng/ul
 RT: 15.303 min Scan# 2696
 Delta R.T. 0.005 min
 Lab File: BN018246.D
 Acq: 28 Dec 2021 19:52

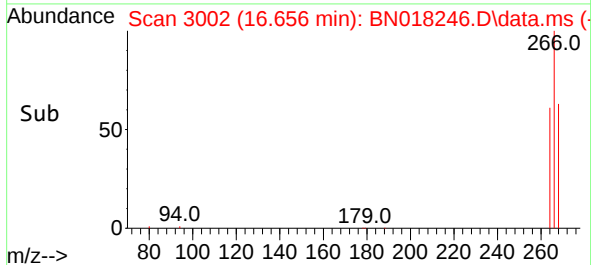
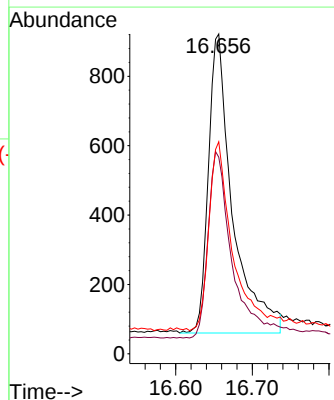
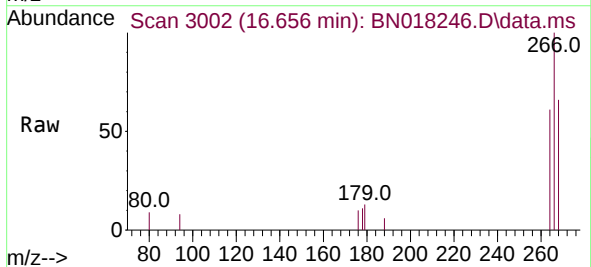
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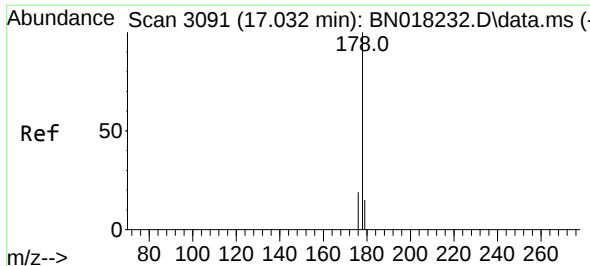
Tgt Ion:	166	Resp:	15144
Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.6
167	14.3	11.6	17.4



#14
 Pentachlorophenol
 Concen: 0.197 ng/ul
 RT: 16.656 min Scan# 3002
 Delta R.T. 0.004 min
 Lab File: BN018246.D
 Acq: 28 Dec 2021 19:52

Tgt Ion:	266	Resp:	1893
Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.9	74.9
268	62.5	51.7	77.5

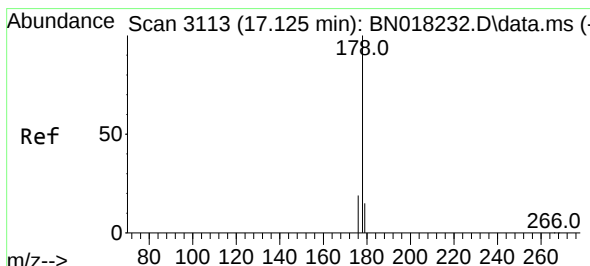
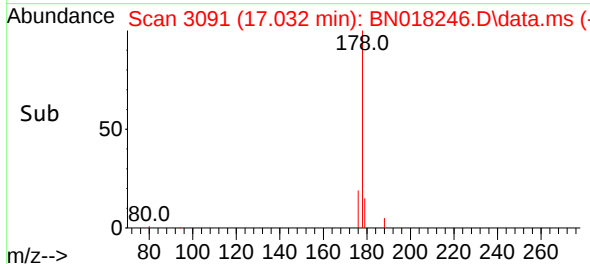
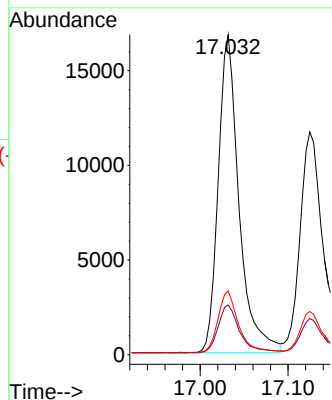
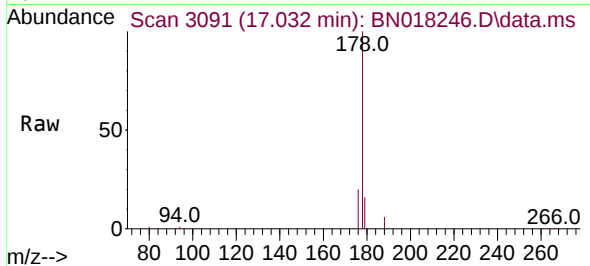




#15
Phenanthrene
Concen: 0.343 ng/u1
RT: 17.032 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BN018246.D
Acq: 28 Dec 2021 19:52

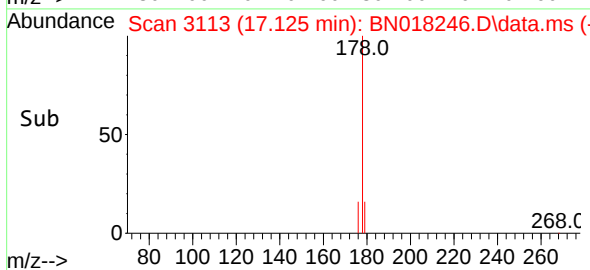
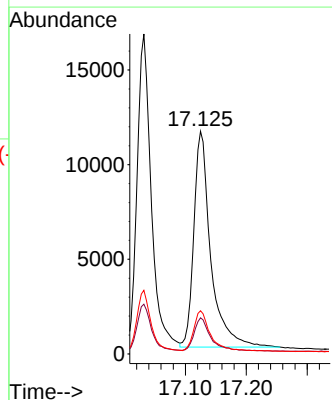
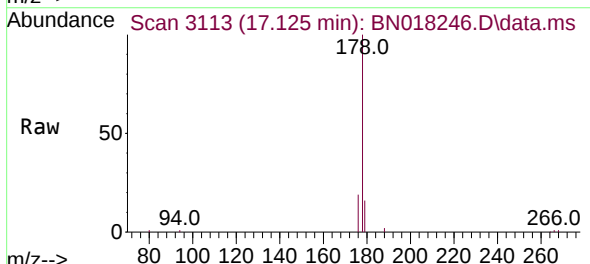
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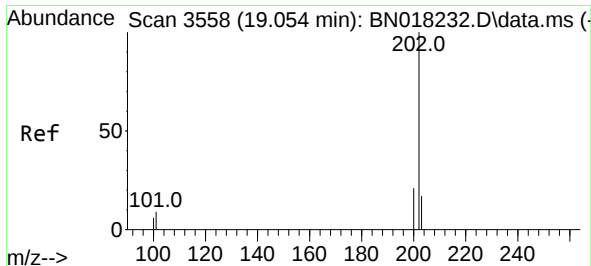
Tgt Ion:178 Resp: 27602
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 19.9 15.4 23.2



#16
Anthracene
Concen: 0.305 ng/u1
RT: 17.125 min Scan# 3113
Delta R.T. 0.004 min
Lab File: BN018246.D
Acq: 28 Dec 2021 19:52

Tgt Ion:178 Resp: 22035
Ion Ratio Lower Upper
178 100
179 16.2 12.3 18.5
176 19.4 15.5 23.3





#19

Fluoranthene

Concen: 0.363 ng/ul

RT: 19.054 min Scan# 3558

Delta R.T. -0.000 min

Lab File: BN018246.D

Acq: 28 Dec 2021 19:52

Instrument :

BNA_N

ClientSampleId :

SLCS661

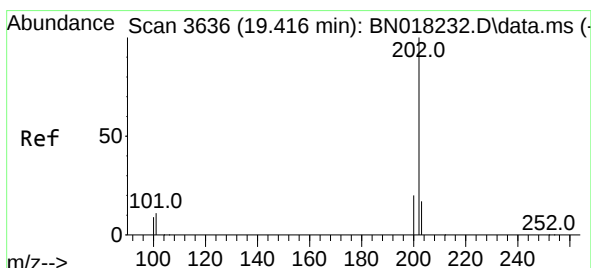
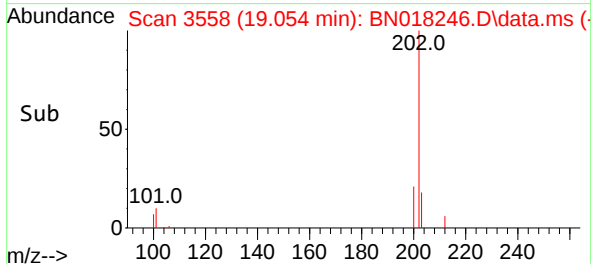
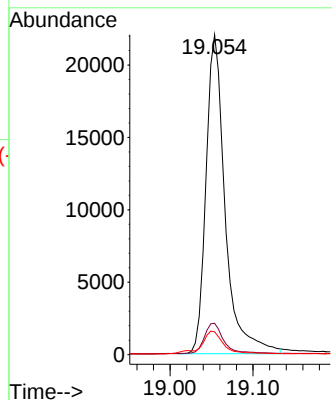
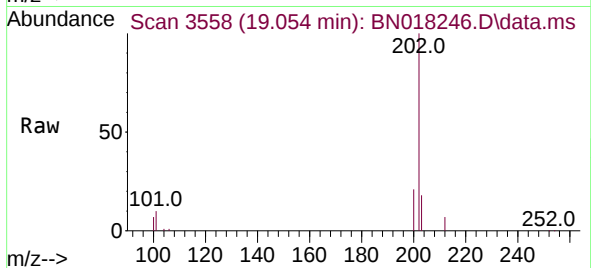
Tgt Ion:202 Resp: 35413

Ion Ratio Lower Upper

202 100

101 9.8 7.5 11.3

100 7.2 5.4 8.2



#20

Pyrene

Concen: 0.361 ng/ul

RT: 19.416 min Scan# 3636

Delta R.T. -0.000 min

Lab File: BN018246.D

Acq: 28 Dec 2021 19:52

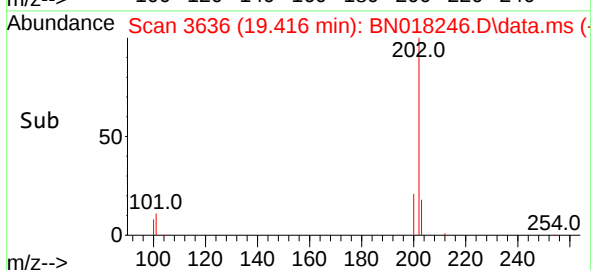
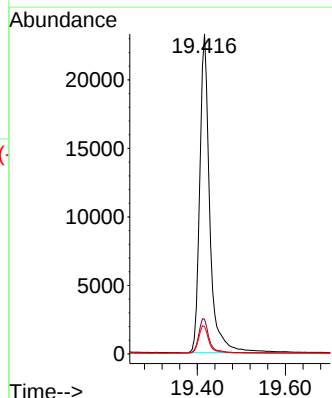
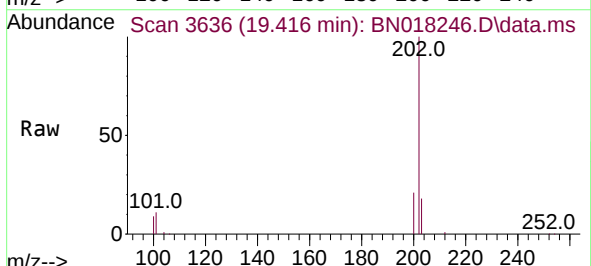
Tgt Ion:202 Resp: 36810

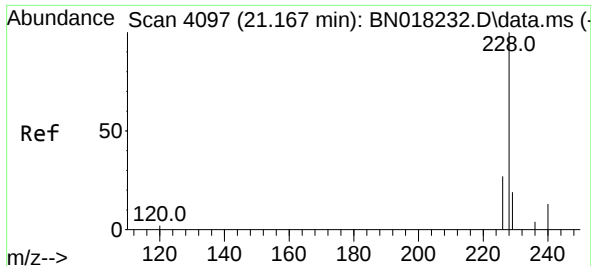
Ion Ratio Lower Upper

202 100

101 10.9 9.0 13.4

100 8.5 7.0 10.4

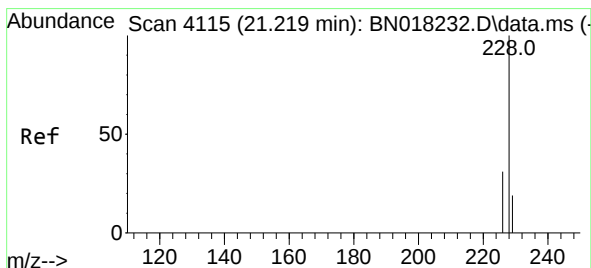
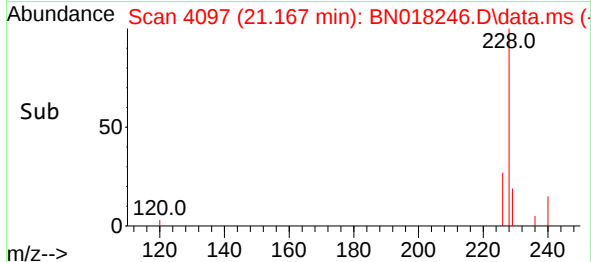
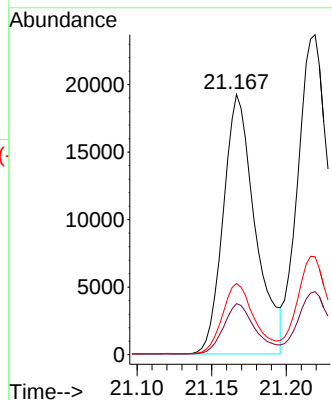
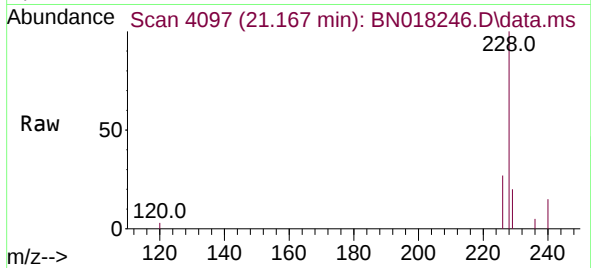




#21
Benzo(a)anthracene
Concen: 0.305 ng/ul
RT: 21.167 min Scan# 4097
Delta R.T. -0.003 min
Lab File: BN018246.D
Acq: 28 Dec 2021 19:52

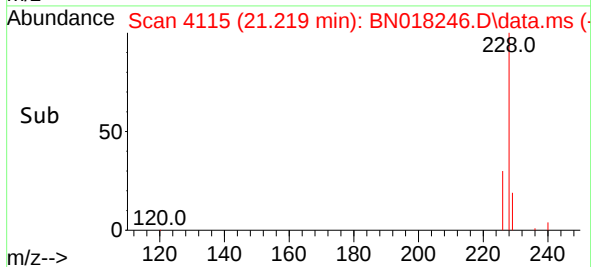
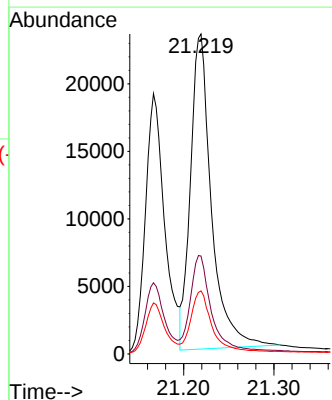
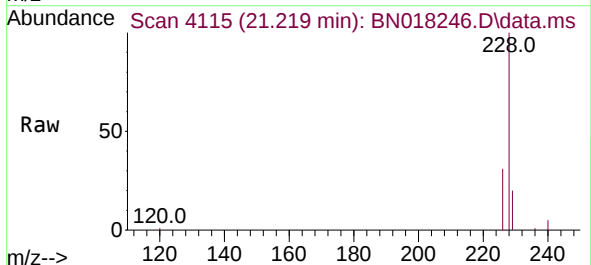
Instrument :
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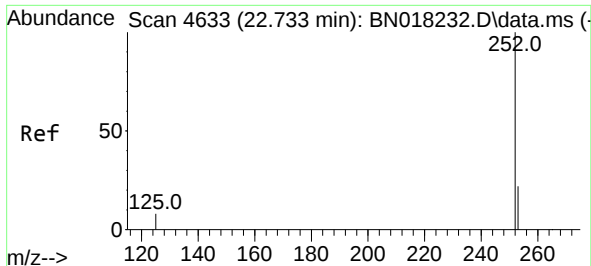
Tgt Ion:228 Resp: 28572
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.4 22.1 33.1



#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.219 min Scan# 4115
Delta R.T. -0.003 min
Lab File: BN018246.D
Acq: 28 Dec 2021 19:52

Tgt Ion:228 Resp: 37554
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.4
229 19.7 15.7 23.5

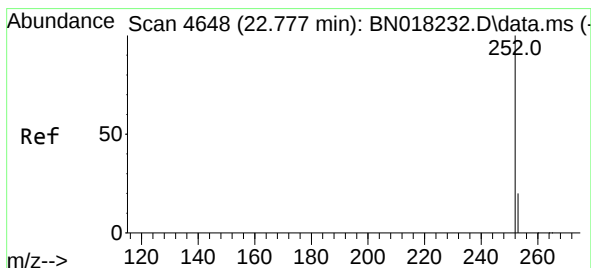
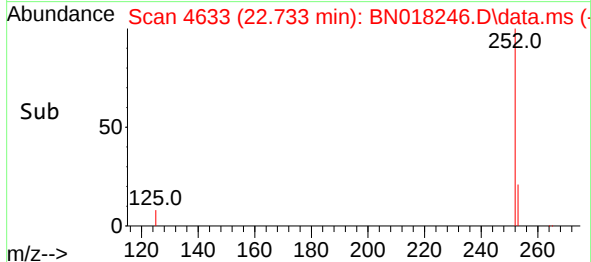
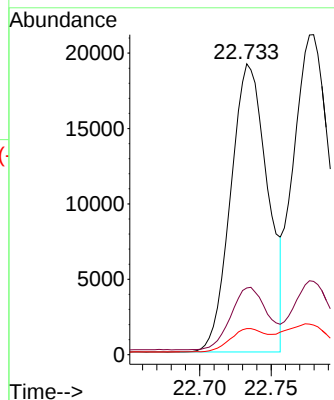
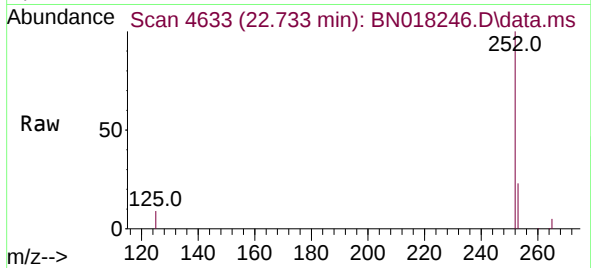




#24
Benzo(b)fluoranthene
Concen: 0.341 ng/ul
RT: 22.733 min Scan# 4633
Delta R.T. -0.006 min
Lab File: BN018246.D
Acq: 28 Dec 2021 19:52

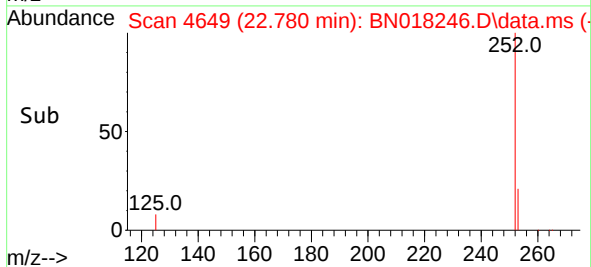
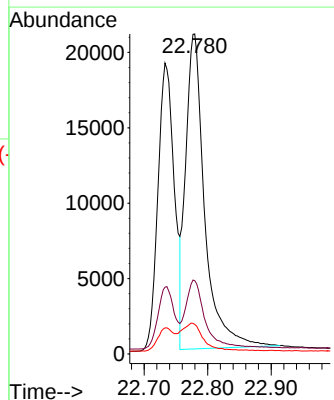
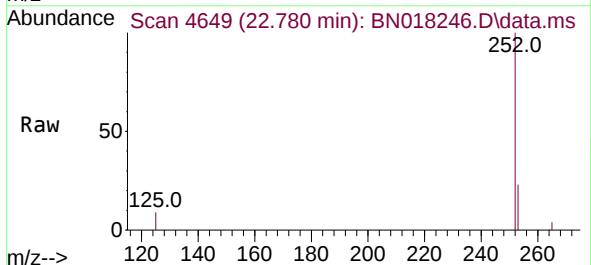
Instrument :
BNA_N
ClientSampleId :
SLCS661

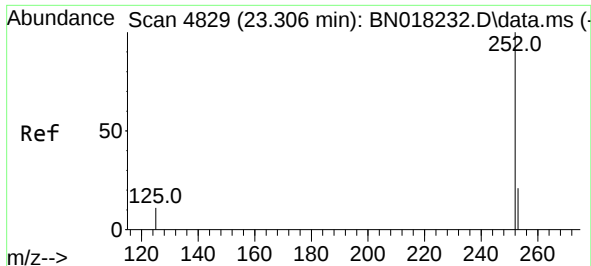
Tgt Ion:252	Resp:	34341
Ion Ratio	Lower	Upper
252	100	
253	23.0	0.0 46.4
125	9.0	0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.379 ng/ul
RT: 22.780 min Scan# 4649
Delta R.T. -0.003 min
Lab File: BN018246.D
Acq: 28 Dec 2021 19:52

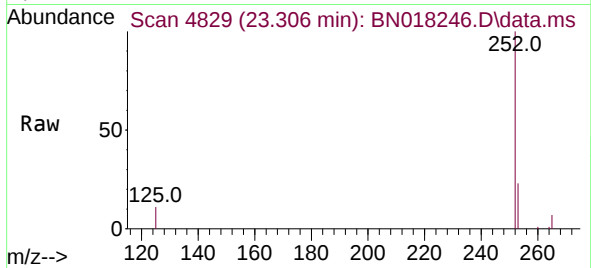
Tgt Ion:252	Resp:	43489
Ion Ratio	Lower	Upper
252	100	
253	22.9	18.6 28.0
125	9.2	7.3 10.9



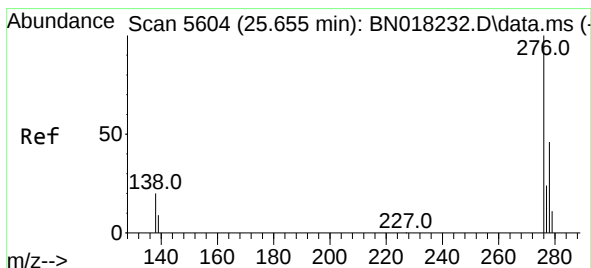
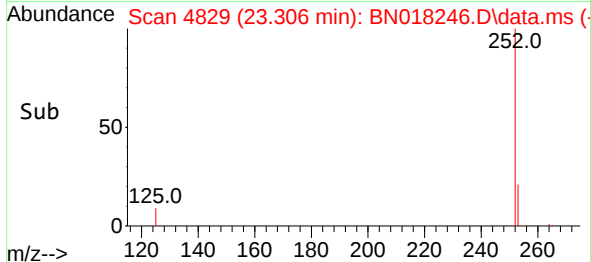
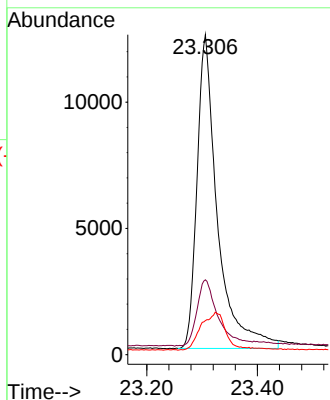


#26
Benzo(a)pyrene
Concen: 0.333 ng/ul
RT: 23.306 min Scan# 4829
Delta R.T. -0.003 min
Lab File: BN018246.D
Acq: 28 Dec 2021 19:52

Instrument :
BNA_N
ClientSampleId :
SLCS661

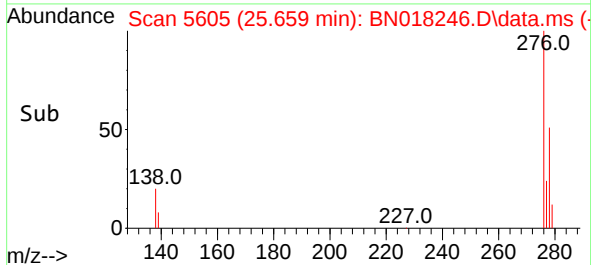
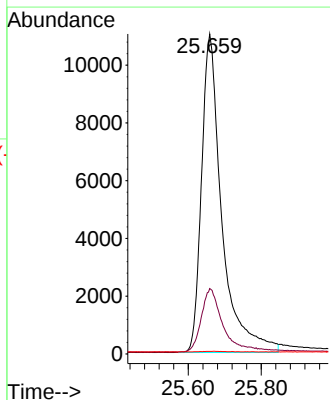
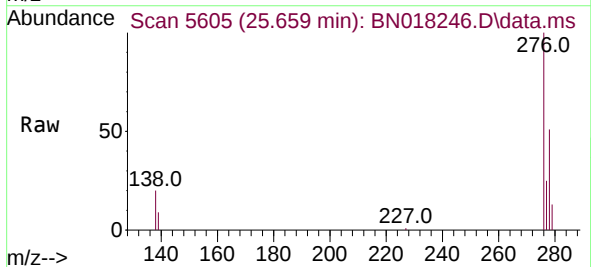


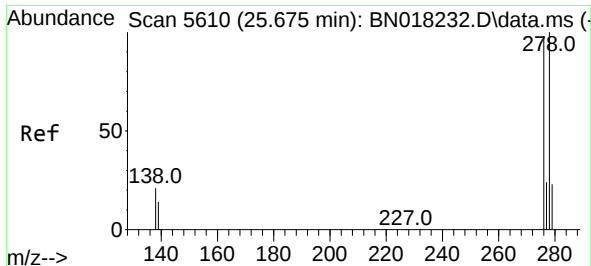
Tgt Ion:252 Resp: 31847
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 10.6 8.2 12.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng/ul
RT: 25.659 min Scan# 5605
Delta R.T. -0.007 min
Lab File: BN018246.D
Acq: 28 Dec 2021 19:52

Tgt Ion:276 Resp: 42652
Ion Ratio Lower Upper
276 100
138 21.5 16.5 24.7
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.342 ng/ul

RT: 25.672 min Scan# 5609

Delta R.T. -0.010 min

Lab File: BN018246.D

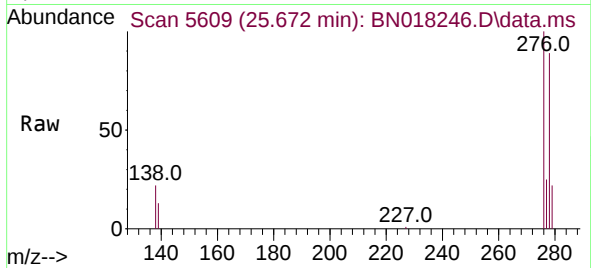
Acq: 28 Dec 2021 19:52

Instrument :

BNA_N

ClientSampleId :

SLCS661



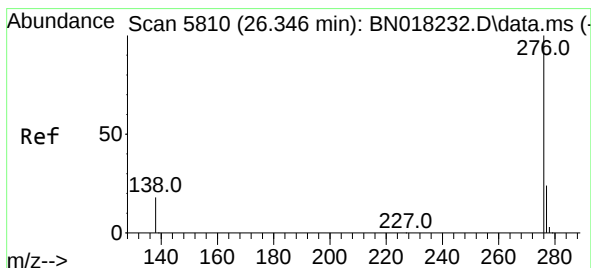
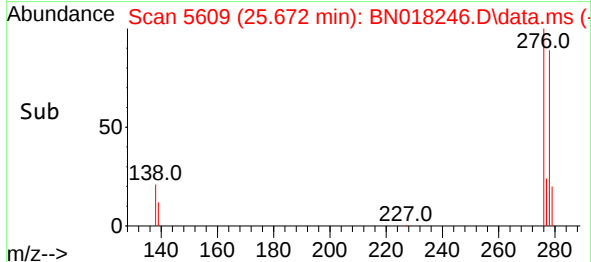
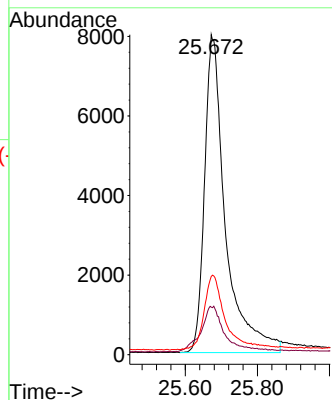
Tgt Ion:278 Resp: 32125

Ion Ratio Lower Upper

278 100

139 14.9 11.9 17.9

279 24.5 19.5 29.3



#29

Benzo(g,h,i)perylene

Concen: 0.354 ng/ul

RT: 26.343 min Scan# 5809

Delta R.T. -0.010 min

Lab File: BN018246.D

Acq: 28 Dec 2021 19:52

Tgt Ion:276 Resp: 36604

Ion Ratio Lower Upper

276 100

138 18.9 14.4 21.6

277 24.1 19.2 28.8

