

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020458.D
 Acq On : 26 Jun 2022 05:34
 Operator : CG/JU
 Sample : PB145682BS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS682

Quant Time: Jun 27 03:44:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:17:34 2022
 Response via : Initial Calibration

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

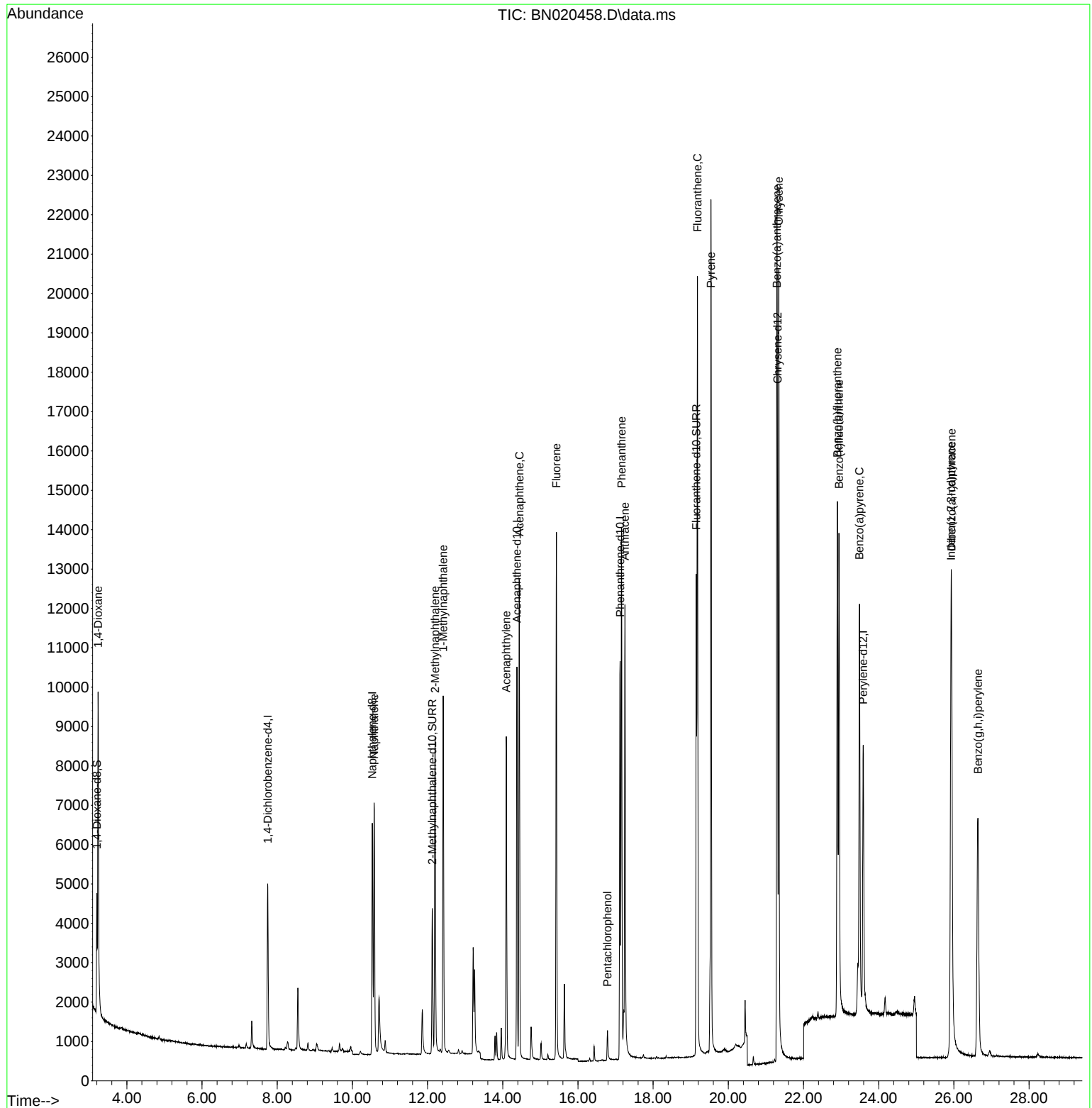
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	2506	0.400	ng/ul	0.00
4) Naphthalene-d8	10.528	136	8726	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.376	164	5764	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.119	188	12728	0.400	ng/ul	0.00
17) Chrysene-d12	21.307	240	11905	0.400	ng/ul	0.00
23) Perylene-d12	23.587	264	9934	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.201	96	2049	0.706	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.123	152	5308	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.149	212	13999	0.357	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.235	88	5308	1.790	ng/ul#	84
5) Naphthalene	10.578	128	9363	0.348	ng/ul	100
7) 2-Methylnaphthalene	12.200	142	6296	0.349	ng/ul	99
8) 1-Methylnaphthalene	12.414	142	6680	0.391	ng/ul	99
10) Acenaphthylene	14.093	152	9881	0.362	ng/ul	100
11) Acenaphthene	14.440	153	7552	0.345	ng/ul	98
12) Fluorene	15.426	166	8904	0.344	ng/ul	99
14) Pentachlorophenol	16.785	266	616	0.240	ng/ul	98
15) Phenanthrene	17.161	178	15464	0.349	ng/ul	99
16) Anthracene	17.250	178	13816	0.362	ng/ul	100
19) Fluoranthene	19.177	202	18230	0.335	ng/ul	100
20) Pyrene	19.540	202	19132	0.339	ng/ul	99
21) Benzo(a)anthracene	21.292	228	16886	0.395	ng/ul	99
22) Chrysene	21.342	228	18024	0.379	ng/ul	99
24) Benzo(b)fluoranthene	22.899	252	16982	0.369	ng/ul	98
25) Benzo(k)fluoranthene	22.943	252	16700	0.360	ng/ul	99
26) Benzo(a)pyrene	23.487	252	15788	0.378	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.923	276	15826	0.381	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.937	278	12908	0.384	ng/ul	100
29) Benzo(g,h,i)perylene	26.638	276	13634	0.382	ng/ul	98

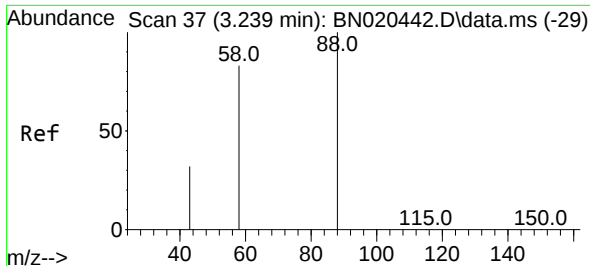
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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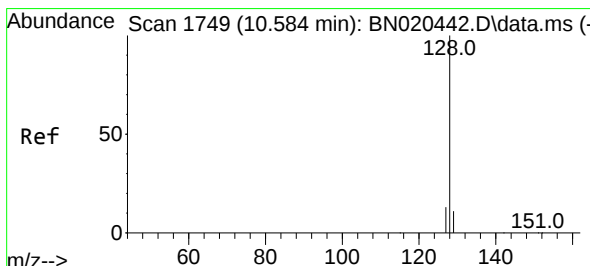
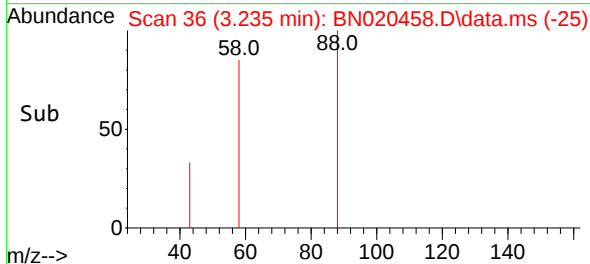
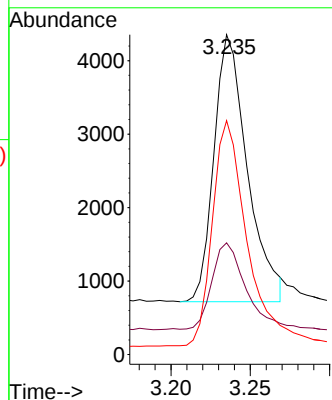
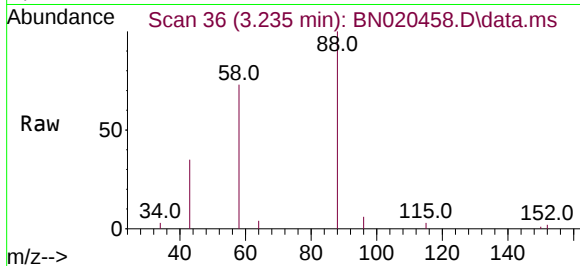




#2
1,4-Dioxane
Concen: 1.790 ng/ul
RT: 3.235 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

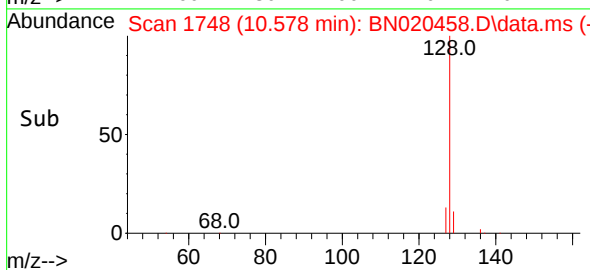
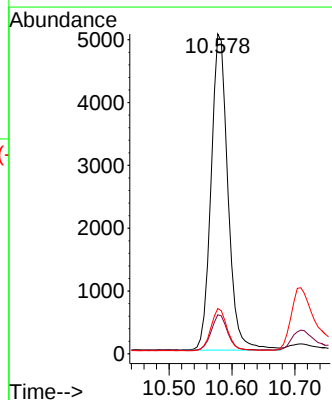
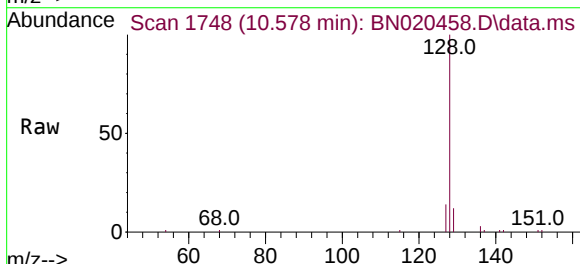
Instrument :
BNA_N
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SLCS682

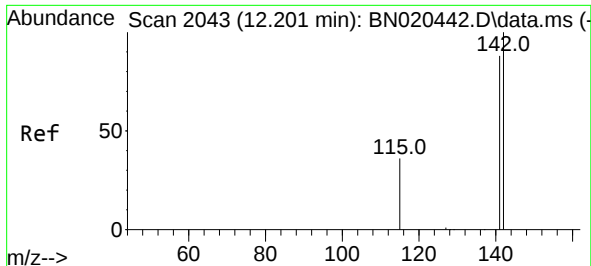
Tgt Ion: 88 Resp: 5308
Ion Ratio Lower Upper
88 100
43 34.9 32.5 48.7
58 73.1 46.2 69.2#



#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.578 min Scan# 1748
Delta R.T. -0.005 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

Tgt Ion:128 Resp: 9363
Ion Ratio Lower Upper
128 100
129 12.2 9.5 14.3
127 14.2 11.3 16.9

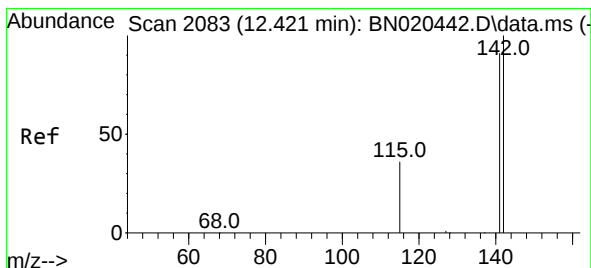
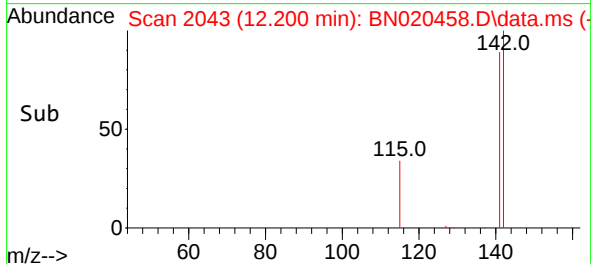
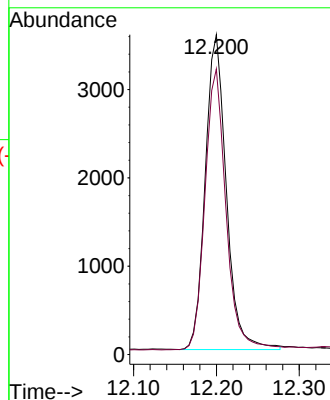
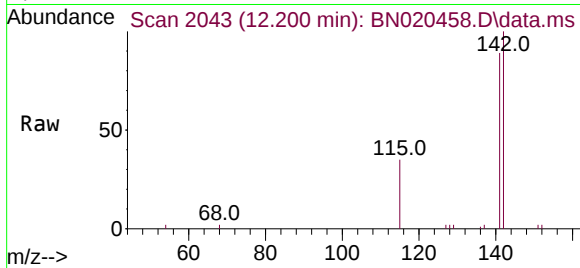




#7
2-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.200 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

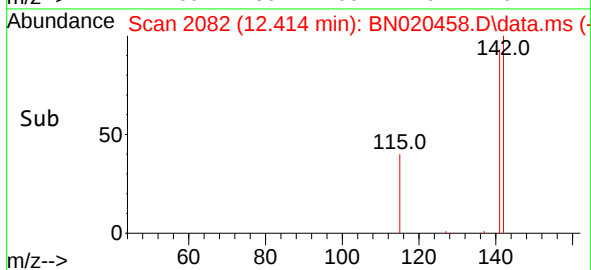
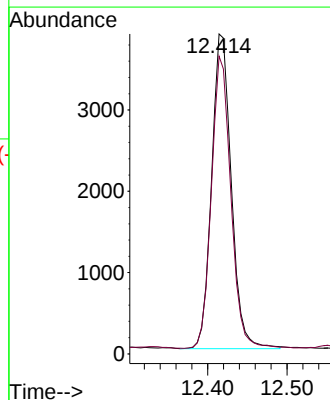
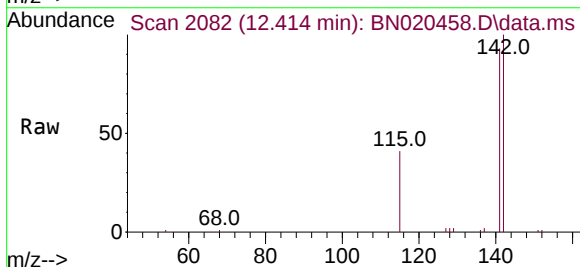
Instrument :
BNA_N
ClientSampleId :
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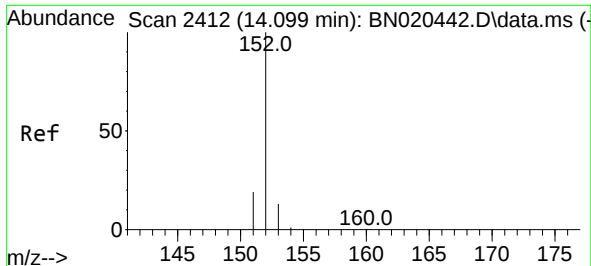
Tgt Ion:142 Resp: 6296
Ion Ratio Lower Upper
142 100
141 89.0 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.414 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

Tgt Ion:142 Resp: 6680
Ion Ratio Lower Upper
142 100
141 91.4 73.7 110.5

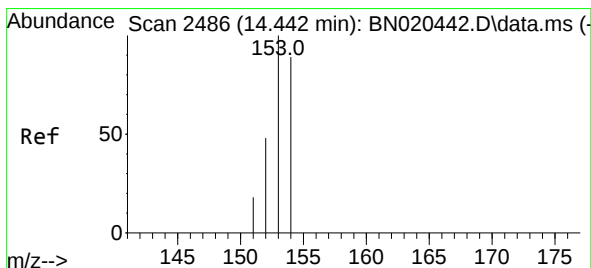
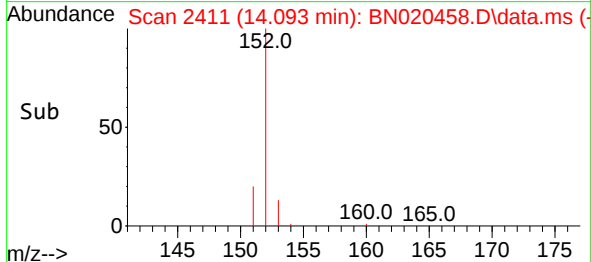
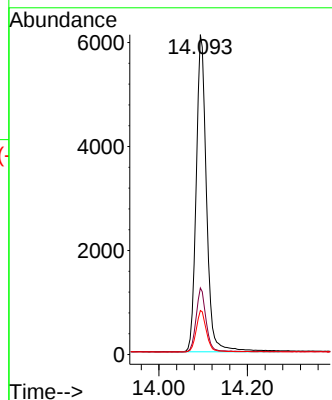
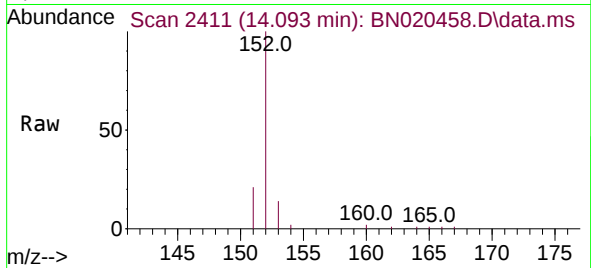




#10
Acenaphthylene
Concen: 0.362 ng/ul
RT: 14.093 min Scan# 2412
Delta R.T. -0.004 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

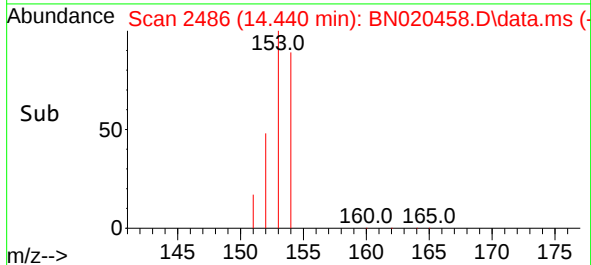
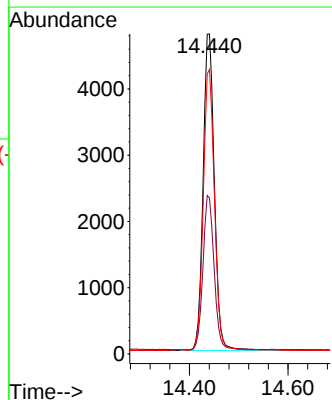
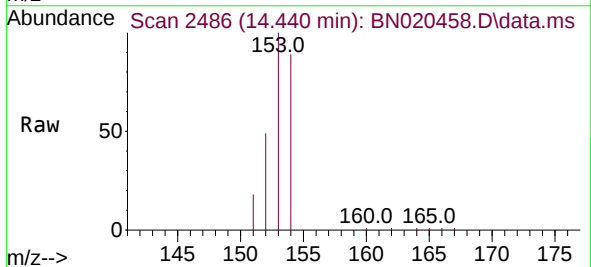
Instrument :
BNA_N
ClientSampleId :
SLCS682

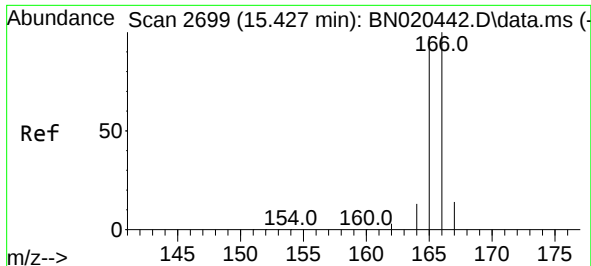
Tgt Ion:152 Resp: 9881
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7
153 13.7 11.1 16.7



#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.440 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

Tgt Ion:153 Resp: 7552
Ion Ratio Lower Upper
153 100
152 48.7 40.0 60.0
154 88.9 70.0 105.0

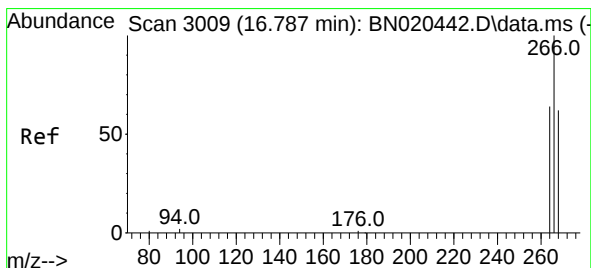
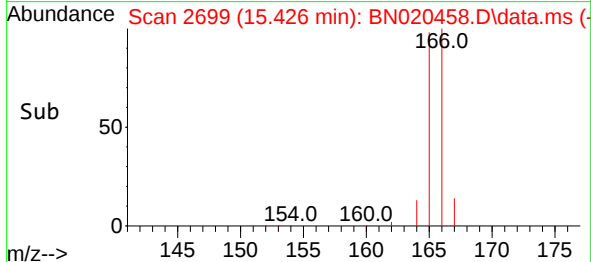
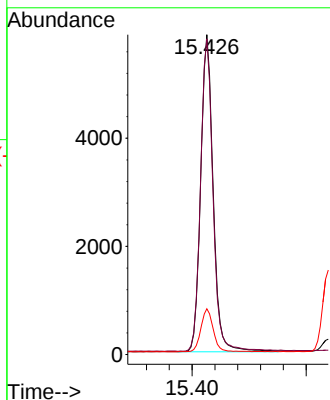
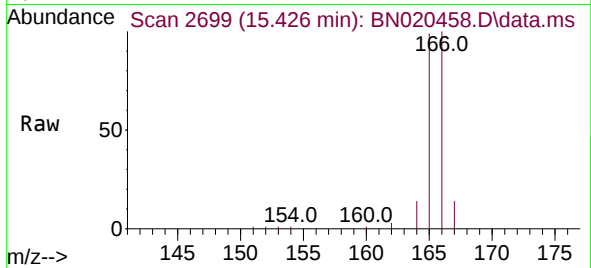




#12
Fluorene
Concen: 0.344 ng/ul
RT: 15.426 min Scan# 2699
Delta R.T. -0.004 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

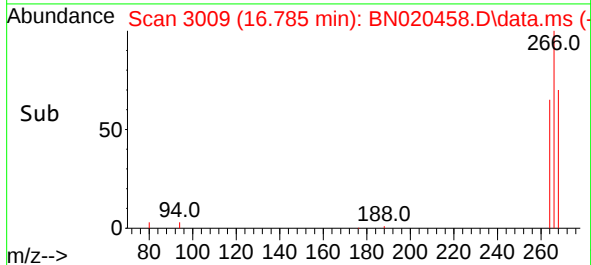
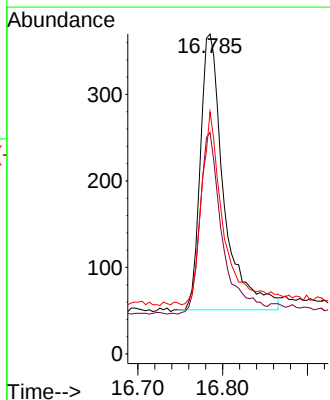
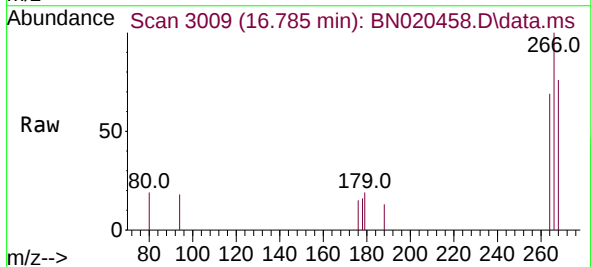
Instrument :
BNA_N
ClientSampleId :
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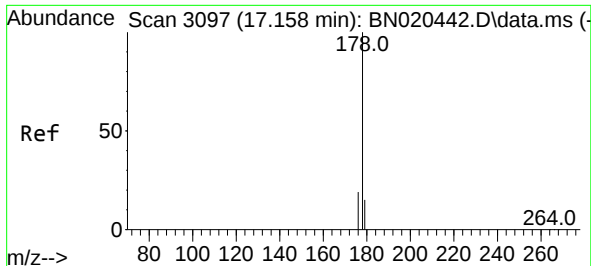
Tgt Ion:166 Resp: 8904
Ion Ratio Lower Upper
166 100
165 98.7 78.2 117.2
167 14.3 11.3 16.9



#14
Pentachlorophenol
Concen: 0.240 ng/ul
RT: 16.785 min Scan# 3009
Delta R.T. 0.000 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

Tgt Ion:266 Resp: 616
Ion Ratio Lower Upper
266 100
264 63.1 51.6 77.4
268 65.4 51.5 77.3

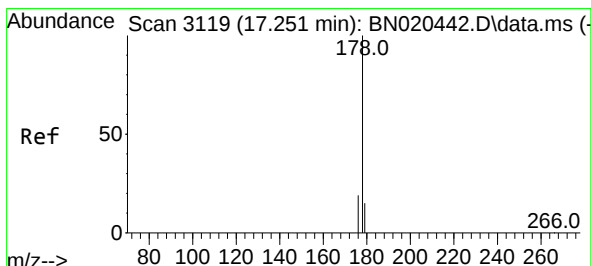
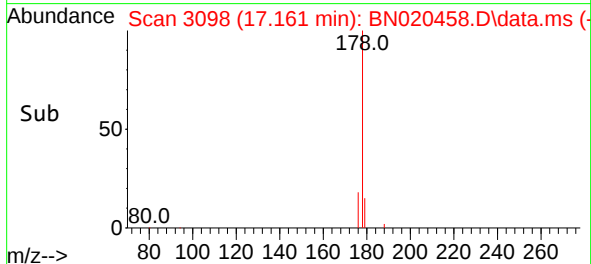
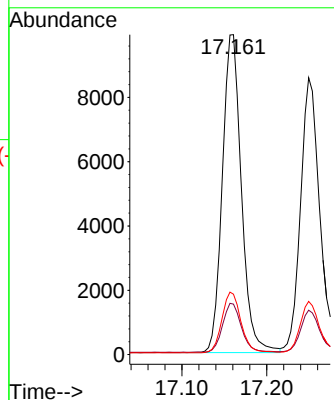
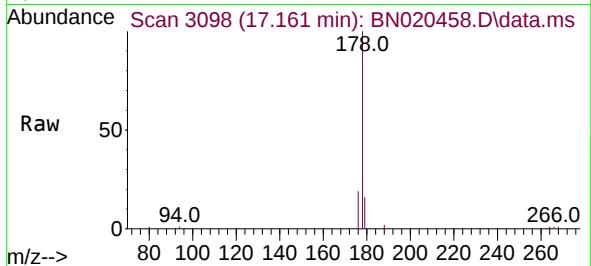




#15
Phenanthrene
Concen: 0.349 ng/ul
RT: 17.161 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

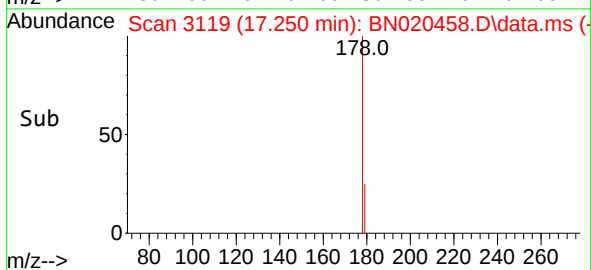
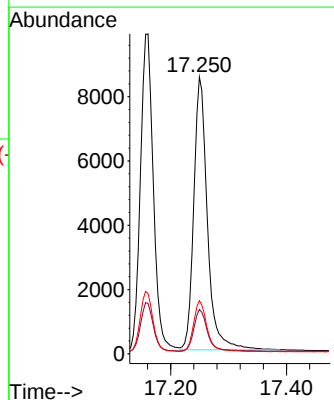
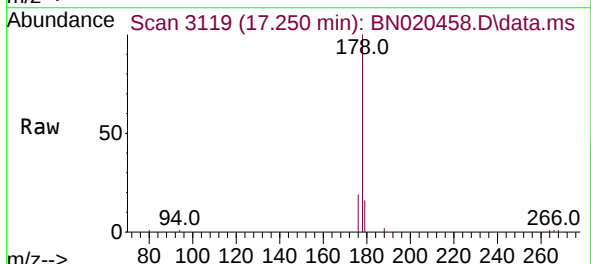
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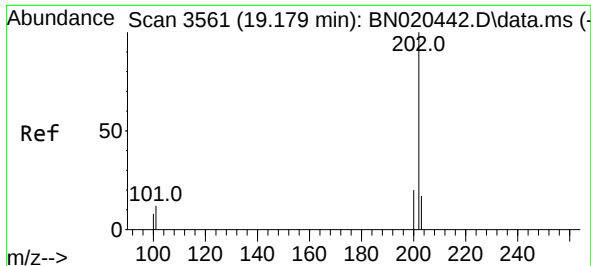
Tgt Ion:178 Resp: 15464
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 18.9 15.8 23.6



#16
Anthracene
Concen: 0.362 ng/ul
RT: 17.250 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

Tgt Ion:178 Resp: 13816
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.2 15.2 22.8

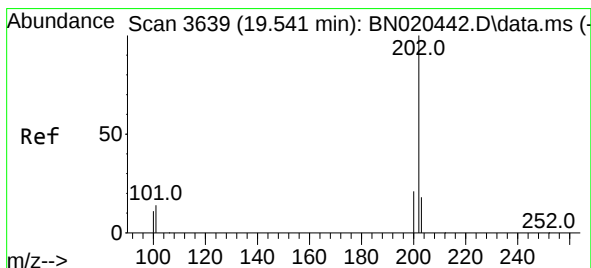
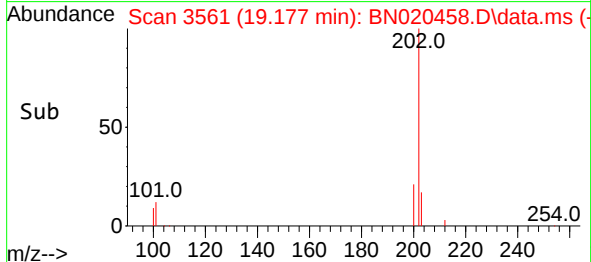
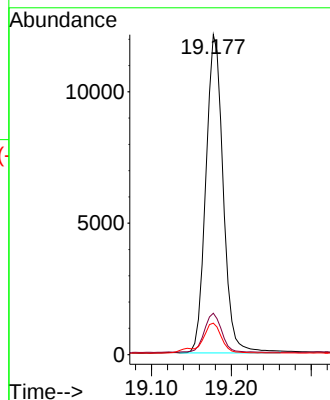
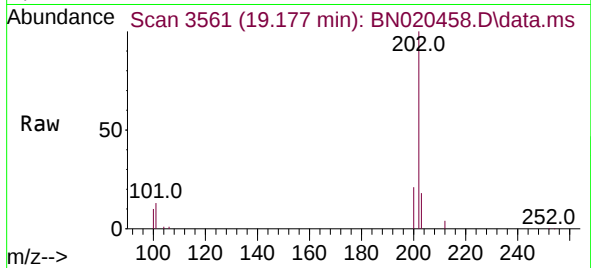




#19
Fluoranthene
Concen: 0.335 ng/ul
RT: 19.177 min Scan# 3561
Delta R.T. -0.004 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

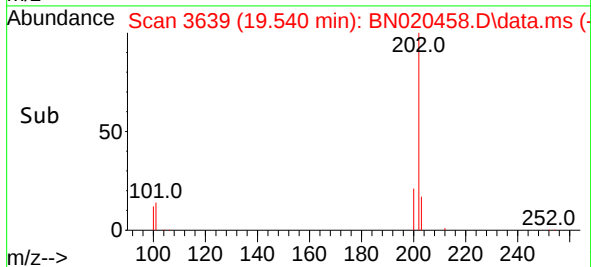
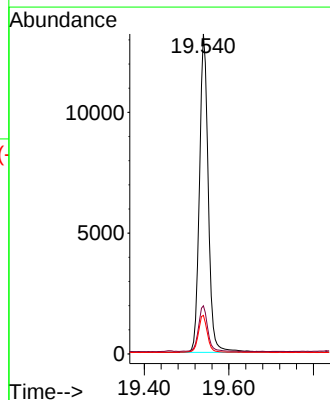
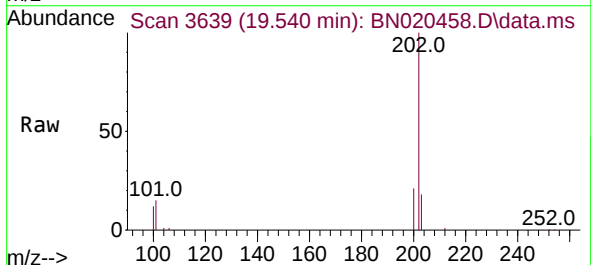
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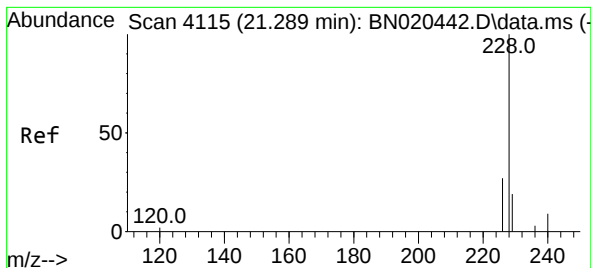
Tgt Ion:202 Resp: 18230
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 9.8 7.8 11.6



#20
Pyrene
Concen: 0.339 ng/ul
RT: 19.540 min Scan# 3639
Delta R.T. -0.004 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

Tgt Ion:202 Resp: 19132
Ion Ratio Lower Upper
202 100
101 15.0 11.6 17.4
100 12.0 9.2 13.8





#21

Benzo(a)anthracene

Concen: 0.395 ng/ul

RT: 21.292 min Scan# 4115

Delta R.T. -0.002 min

Lab File: BN020458.D

Acq: 26 Jun 2022 05:34

Instrument :

BNA_N

ClientSampleId :

SLCS682

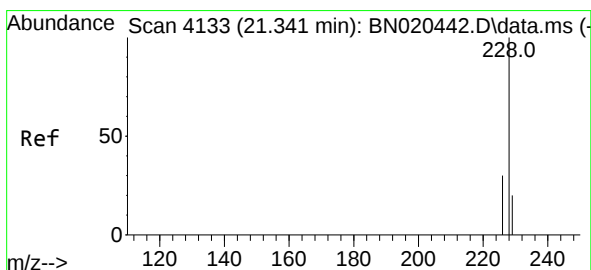
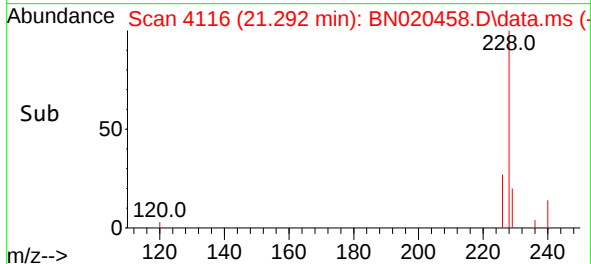
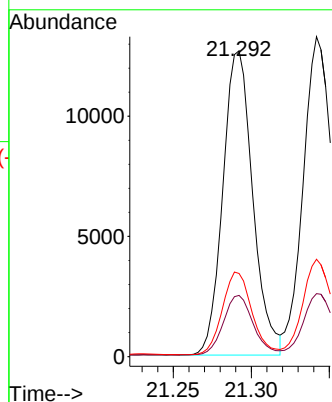
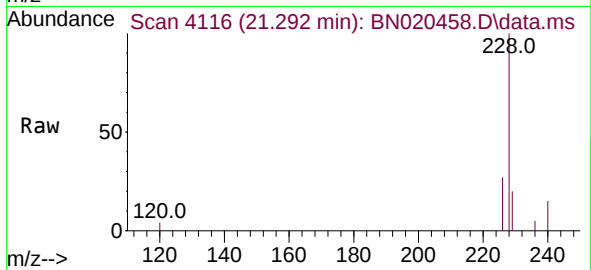
Tgt Ion:228 Resp: 16886

Ion Ratio Lower Upper

228 100

229 20.0 15.9 23.9

226 27.2 22.2 33.2



#22

Chrysene

Concen: 0.379 ng/ul

RT: 21.342 min Scan# 4133

Delta R.T. -0.005 min

Lab File: BN020458.D

Acq: 26 Jun 2022 05:34

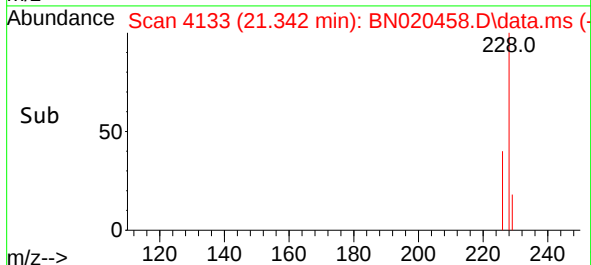
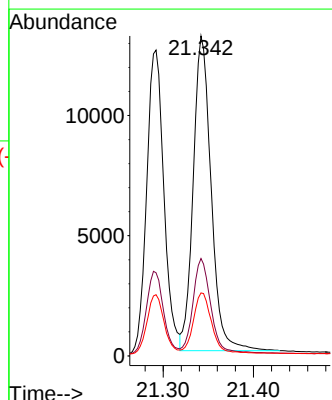
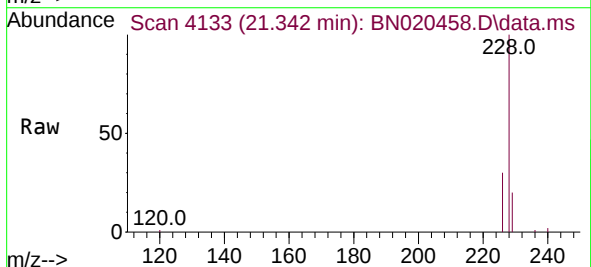
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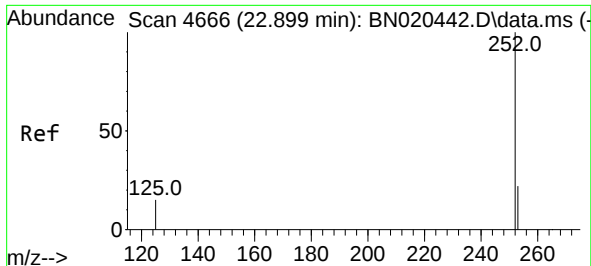
Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 19.7 15.8 23.8

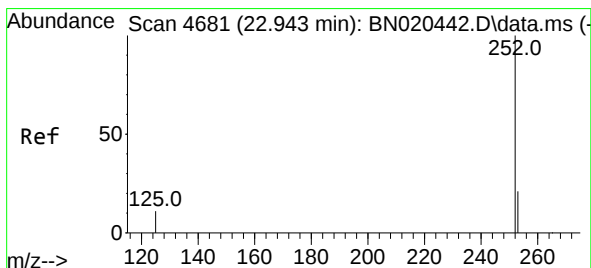
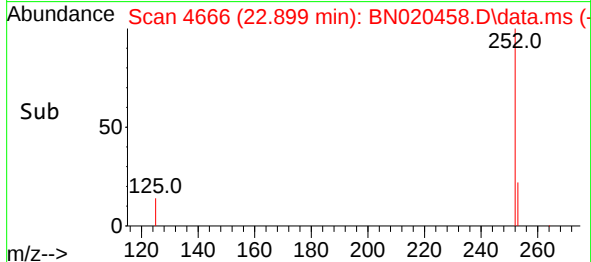
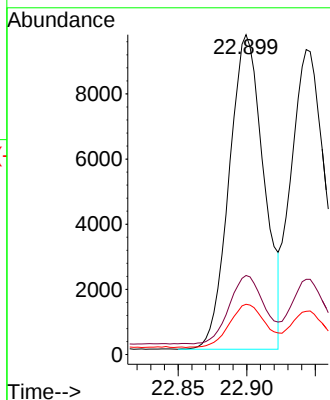
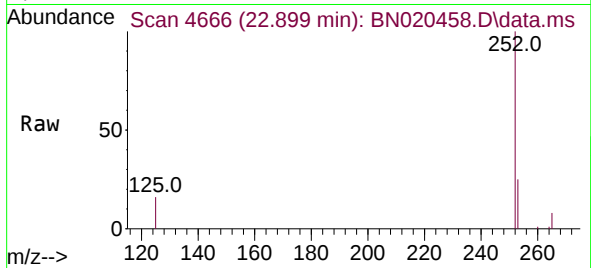




#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul
RT: 22.899 min Scan# 4666
Delta R.T. -0.005 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

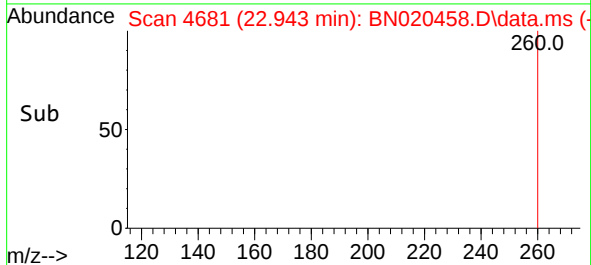
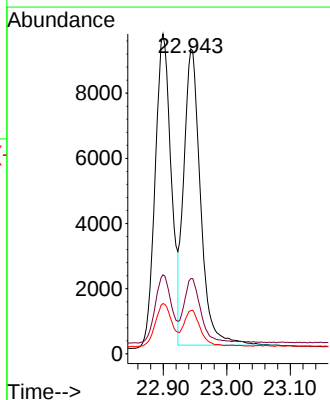
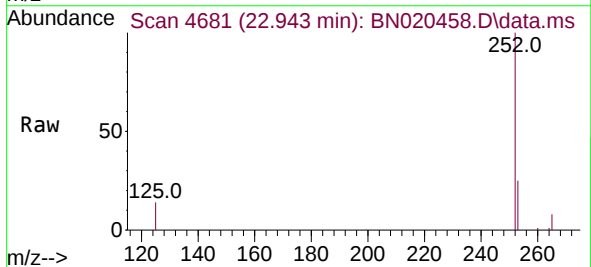
Instrument :
BNA_N
ClientSampleId :
SLCS682

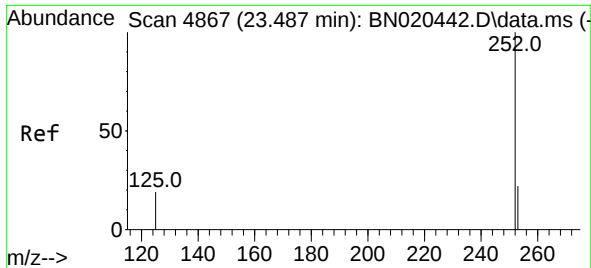
Tgt Ion:252 Resp: 16982
Ion Ratio Lower Upper
252 100
253 24.7 0.0 48.6
125 15.7 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul
RT: 22.943 min Scan# 4681
Delta R.T. -0.008 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

Tgt Ion:252 Resp: 16700
Ion Ratio Lower Upper
252 100
253 24.7 19.7 29.5
125 14.2 12.0 18.0

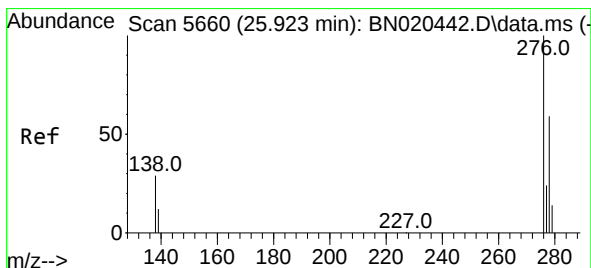
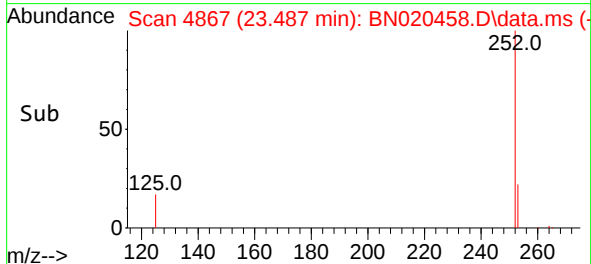
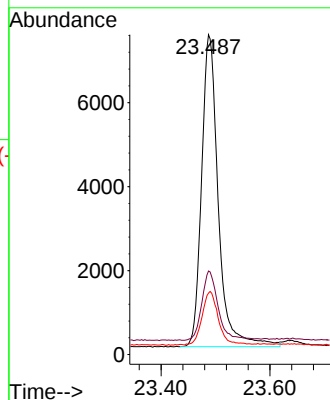
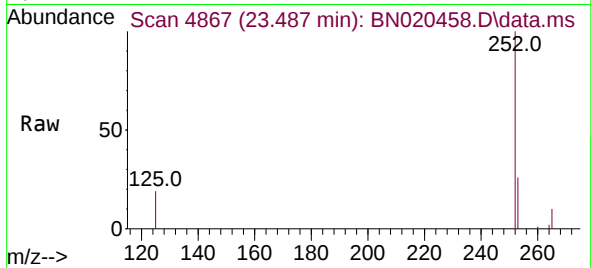




#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 23.487 min Scan# 4867
Delta R.T. -0.005 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

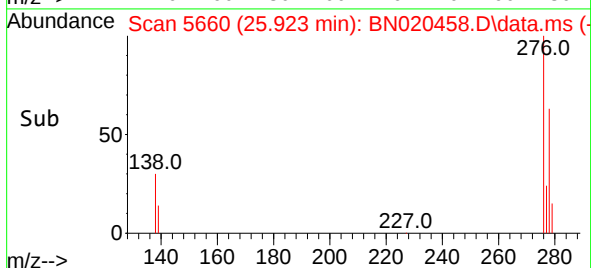
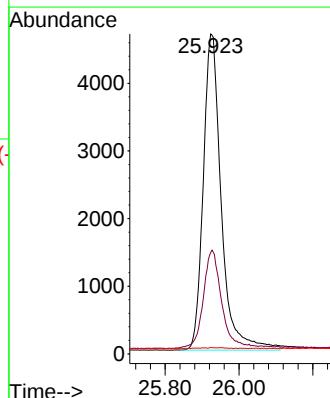
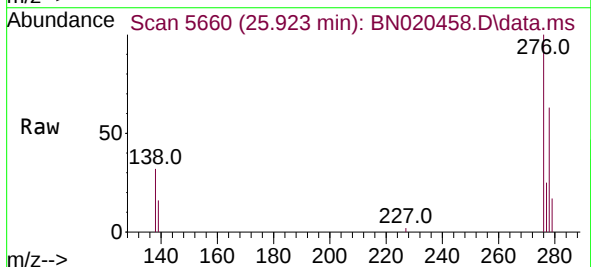
Instrument :
BNA_N
ClientSampleId :
SLCS682

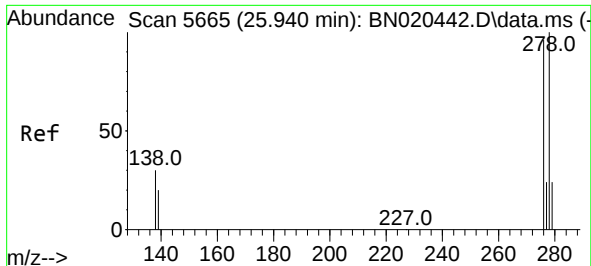
Tgt Ion:252 Resp: 15788
Ion Ratio Lower Upper
252 100
253 26.1 21.0 31.4
125 19.2 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng/ul
RT: 25.923 min Scan# 5660
Delta R.T. -0.009 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

Tgt Ion:276 Resp: 15826
Ion Ratio Lower Upper
276 100
138 32.5 27.4 41.2
227 0.1 0.2 0.2#

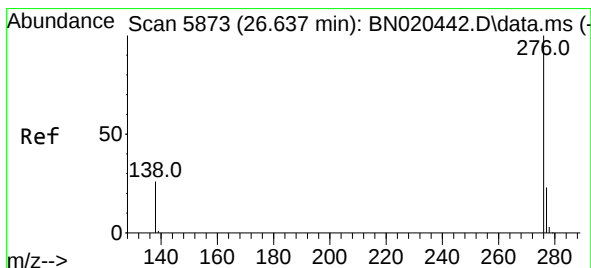
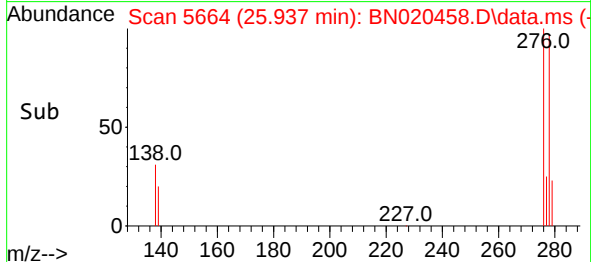
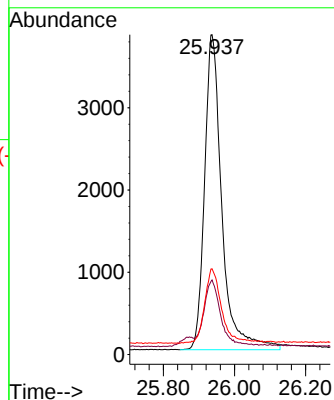
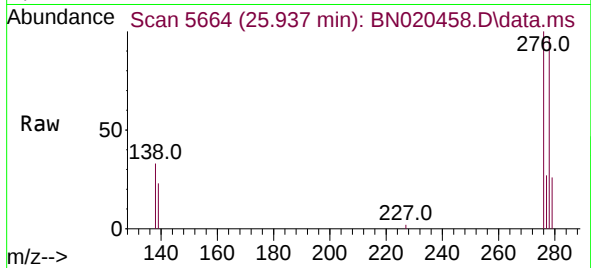




#28
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 25.937 min Scan# 5664
Delta R.T. -0.013 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

Instrument :
BNA_N
ClientSampleId :
SLCS682

Tgt Ion:278 Resp: 12908
Ion Ratio Lower Upper
278 100
139 23.3 18.8 28.2
279 26.8 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 26.638 min Scan# 5873
Delta R.T. -0.009 min
Lab File: BN020458.D
Acq: 26 Jun 2022 05:34

Tgt Ion:276 Resp: 13634
Ion Ratio Lower Upper
276 100
138 27.9 23.5 35.3
277 24.9 20.1 30.1

