

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020459.D
 Acq On : 26 Jun 2022 06:10
 Operator : CG/JU
 Sample : PB145684BS
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS684

Quant Time: Jun 27 03:44:33 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)

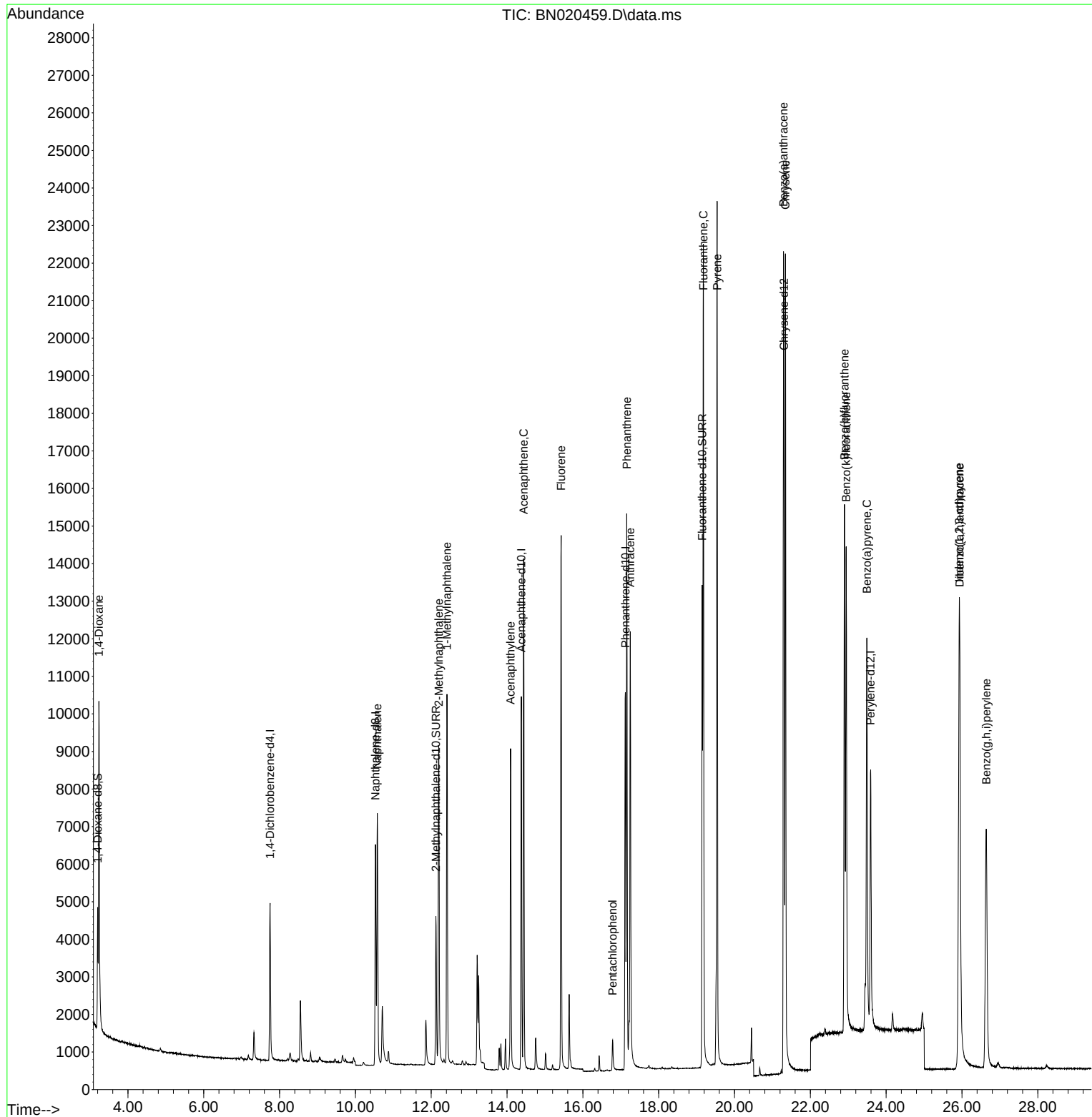
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	2448	0.400	ng/u1	0.00
4) Naphthalene-d8	10.529	136	8553	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.377	164	5678	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.120	188	12590	0.400	ng/u1	0.00
17) Chrysene-d12	21.305	240	11607	0.400	ng/u1	0.00
23) Perylene-d12	23.590	264	9712	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.201	96	2160	0.762	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.124	152	5660	0.403	ng/u1	0.00
18) Fluoranthene-d10	19.146	212	14709	0.384	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.235	88	5686	1.963	ng/u1#	83
5) Naphthalene	10.578	128	10023	0.380	ng/u1	100
7) 2-Methylnaphthalene	12.201	142	6728	0.381	ng/u1	100
8) 1-Methylnaphthalene	12.415	142	7167	0.428	ng/u1	100
10) Acenaphthylene	14.094	152	10390	0.386	ng/u1	99
11) Acenaphthene	14.437	153	8042	0.373	ng/u1	99
12) Fluorene	15.427	166	9468	0.371	ng/u1	99
14) Pentachlorophenol	16.786	266	692	0.273	ng/u1	98
15) Phenanthrene	17.158	178	16507	0.377	ng/u1	100
16) Anthracene	17.251	178	14599	0.386	ng/u1	100
19) Fluoranthene	19.178	202	19382	0.366	ng/u1	99
20) Pyrene	19.541	202	20205	0.367	ng/u1	100
21) Benzo(a)anthracene	21.293	228	17326	0.416	ng/u1	99
22) Chrysene	21.343	228	19080	0.411	ng/u1	100
24) Benzo(b)fluoranthene	22.900	252	18081	0.402	ng/u1	98
25) Benzo(k)fluoranthene	22.947	252	17832	0.393	ng/u1	99
26) Benzo(a)pyrene	23.491	252	16711	0.409	ng/u1	96
27) Indeno(1,2,3-cd)pyrene	25.924	276	16953	0.417	ng/u1	96
28) Dibenzo(a,h)anthracene	25.941	278	13783	0.420	ng/u1	98
29) Benzo(g,h,i)perylene	26.639	276	14623	0.419	ng/u1	99

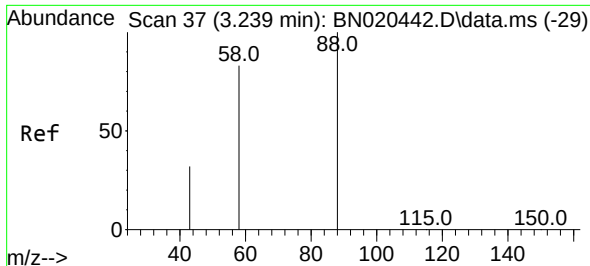
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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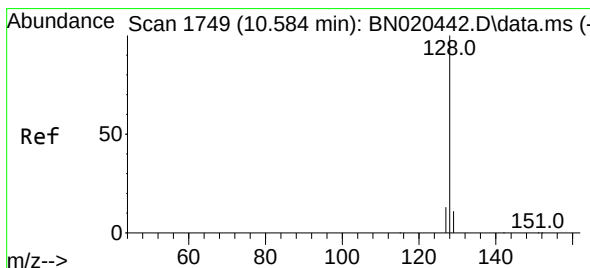
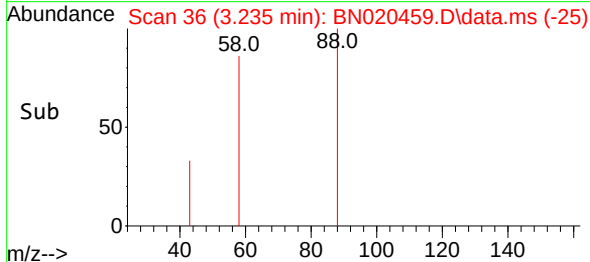
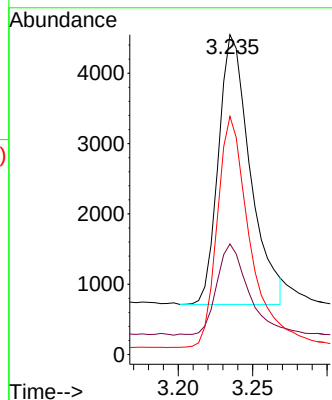
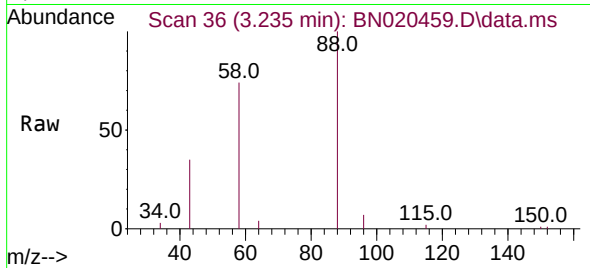




#2
 1,4-Dioxane
 Concen: 1.963 ng/ul
 RT: 3.235 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BN020459.D
 Acq: 26 Jun 2022 06:10

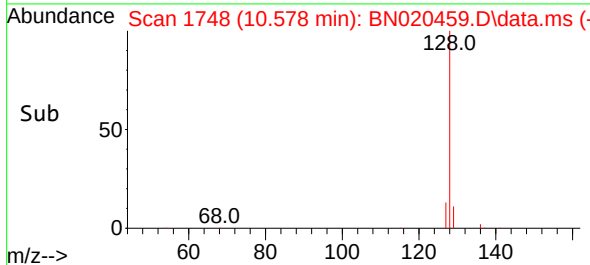
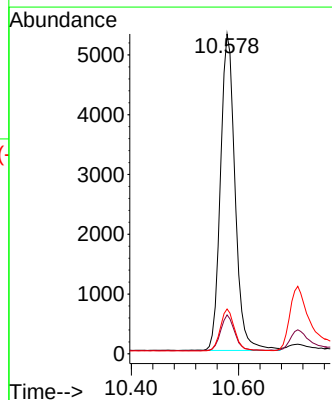
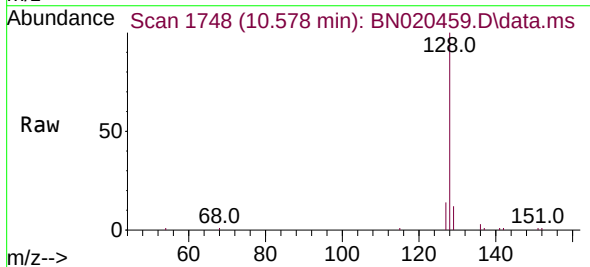
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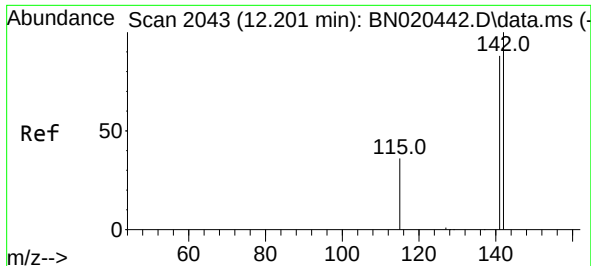
Tgt Ion: 88 Resp: 5686
 Ion Ratio Lower Upper
 88 100
 43 34.6 32.5 48.7
 58 74.4 46.2 69.2#



#5
 Naphthalene
 Concen: 0.380 ng/ul
 RT: 10.578 min Scan# 1748
 Delta R.T. -0.004 min
 Lab File: BN020459.D
 Acq: 26 Jun 2022 06:10

Tgt Ion:128 Resp: 10023
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.5 14.3
 127 14.0 11.3 16.9

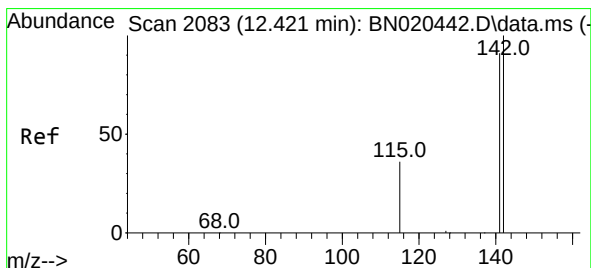
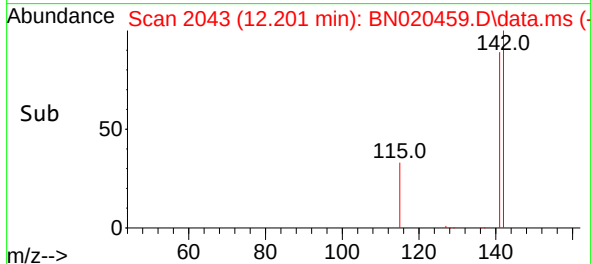
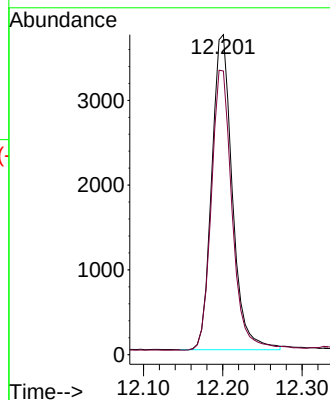
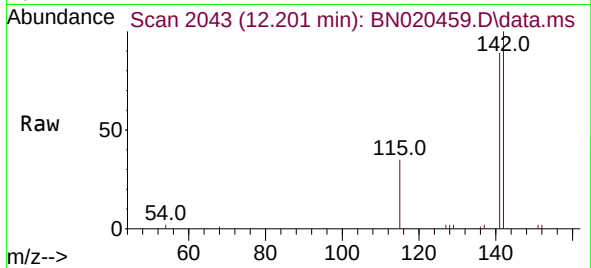




#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.201 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

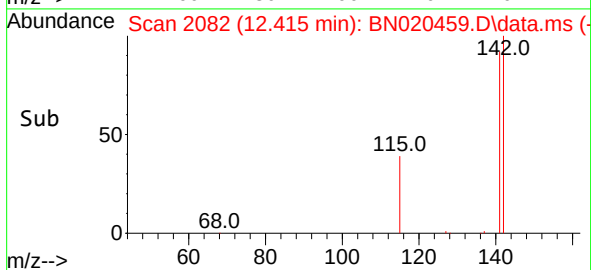
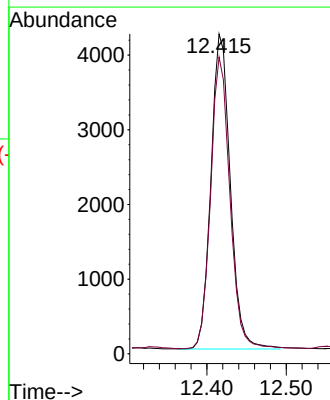
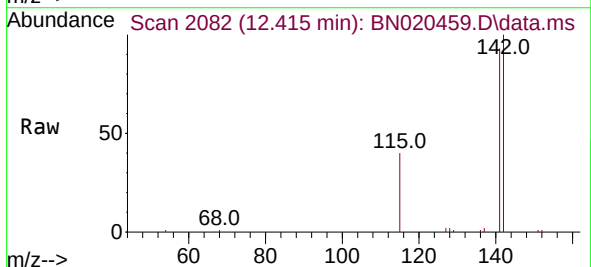
Instrument :
BNA_N
ClientSampleId :
SLCS684

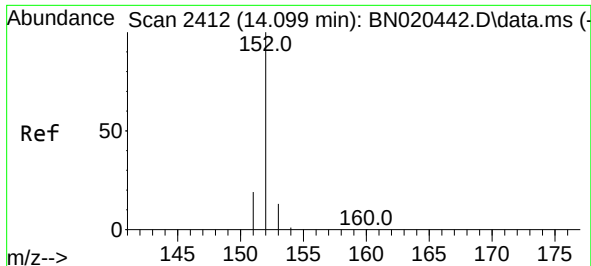
Tgt Ion:142 Resp: 6728
Ion Ratio Lower Upper
142 100
141 89.8 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. -0.004 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Tgt Ion:142 Resp: 7167
Ion Ratio Lower Upper
142 100
141 91.7 73.7 110.5

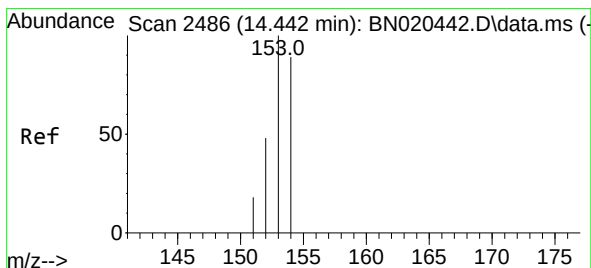
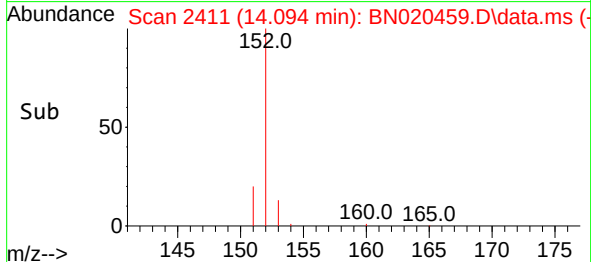
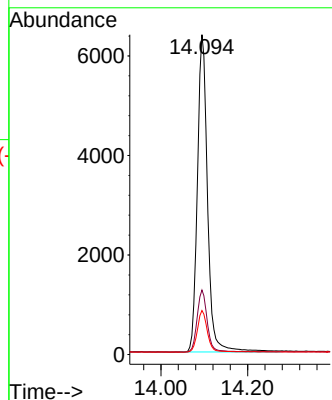
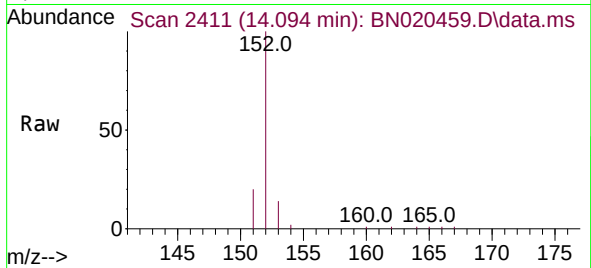




#10
Acenaphthylene
Concen: 0.386 ng/ul
RT: 14.094 min Scan# 2411
Delta R.T. -0.004 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

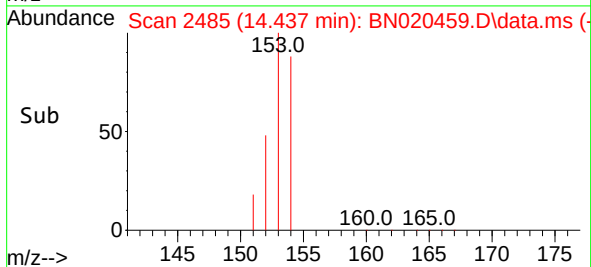
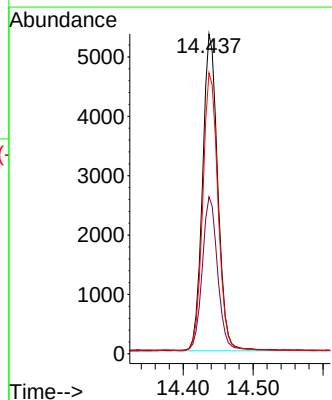
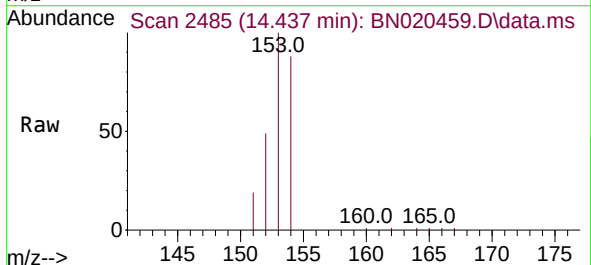
Instrument :
BNA_N
ClientSampleId :
SLCS684

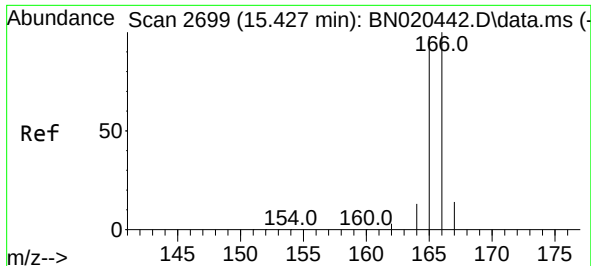
Tgt Ion:152 Resp: 10390
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.373 ng/ul
RT: 14.437 min Scan# 2485
Delta R.T. -0.004 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Tgt Ion:153 Resp: 8042
Ion Ratio Lower Upper
153 100
152 49.1 40.0 60.0
154 87.8 70.0 105.0

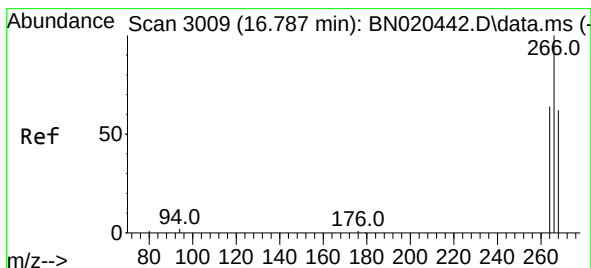
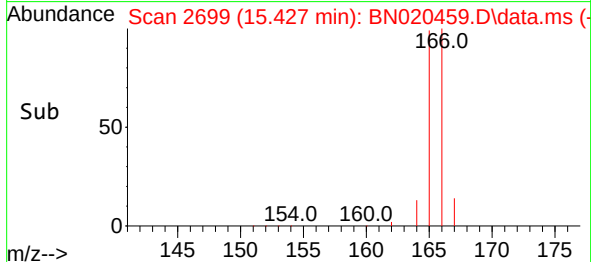
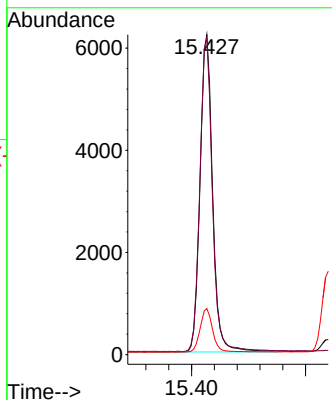
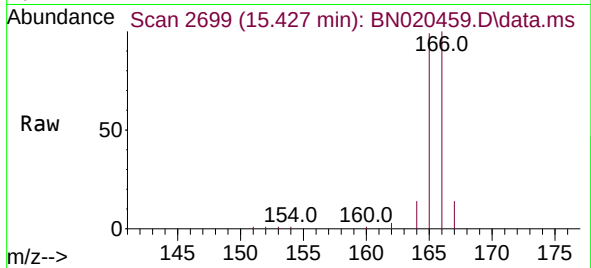




#12
 Fluorene
 Concen: 0.371 ng/ul
 RT: 15.427 min Scan# 2699
 Delta R.T. -0.003 min
 Lab File: BN020459.D
 Acq: 26 Jun 2022 06:10

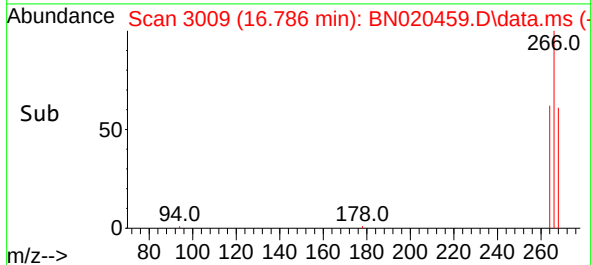
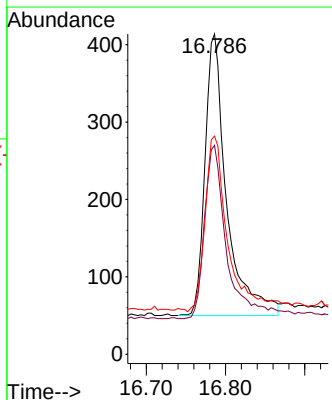
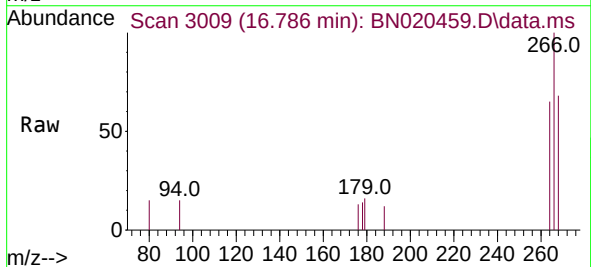
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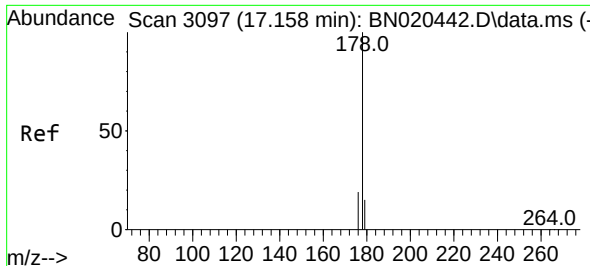
Tgt Ion:166	Resp:	9468
Ion Ratio	Lower	Upper
166	100	
165	98.9	78.2 117.2
167	14.4	11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.273 ng/ul
 RT: 16.786 min Scan# 3009
 Delta R.T. 0.001 min
 Lab File: BN020459.D
 Acq: 26 Jun 2022 06:10

Tgt Ion:266	Resp:	692
Ion Ratio	Lower	Upper
266	100	
264	63.0	51.6 77.4
268	66.2	51.5 77.3

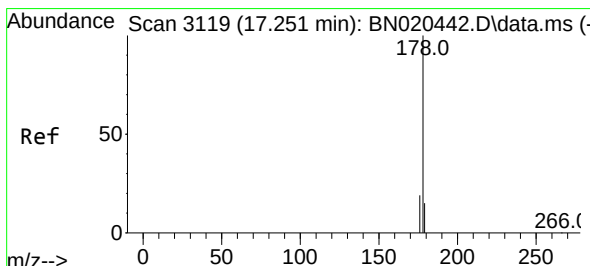
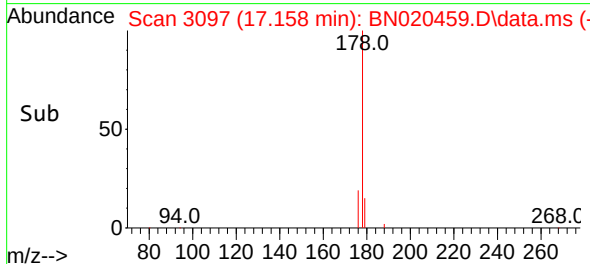
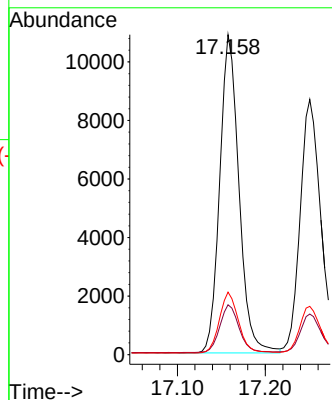
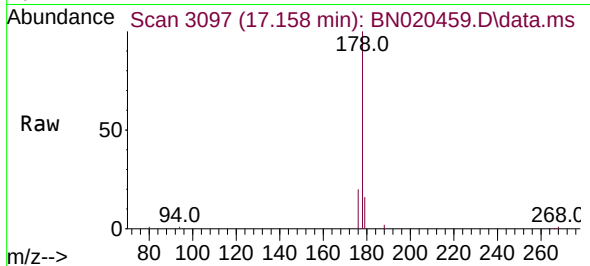




#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 17.158 min Scan# 3097
Delta R.T. -0.003 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

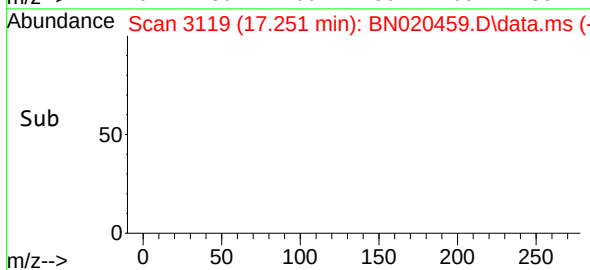
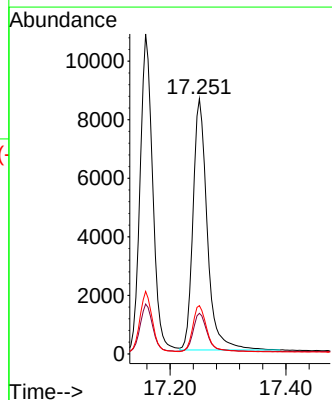
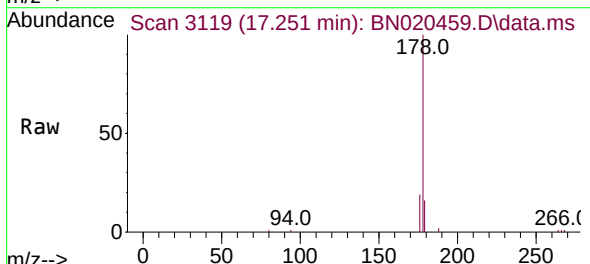
Instrument :
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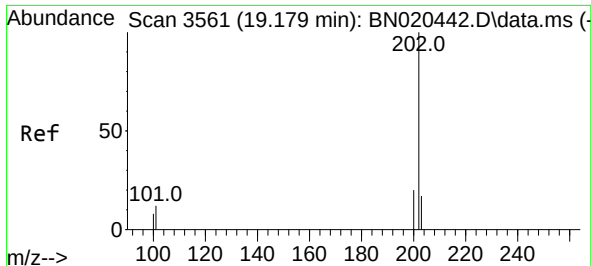
Tgt Ion:178	Resp:	16507
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.6 18.8
176	19.5	15.8 23.6



#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Tgt Ion:178	Resp:	14599
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.8 19.2
176	18.9	15.2 22.8

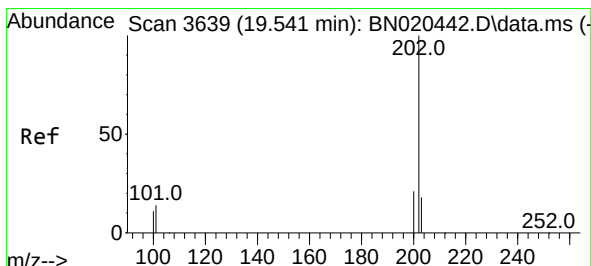
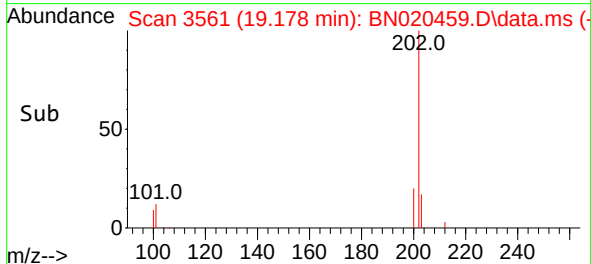
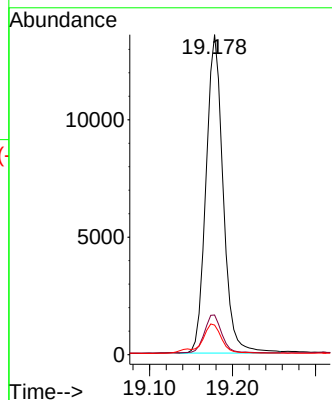
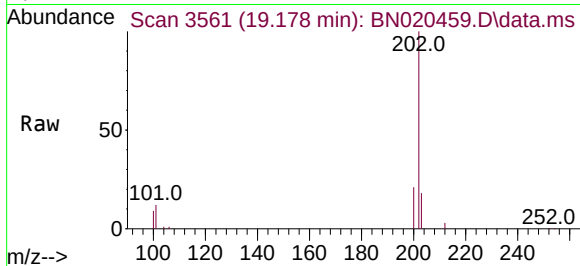




#19
Fluoranthene
Concen: 0.366 ng/ul
RT: 19.178 min Scan# 3561
Delta R.T. -0.003 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

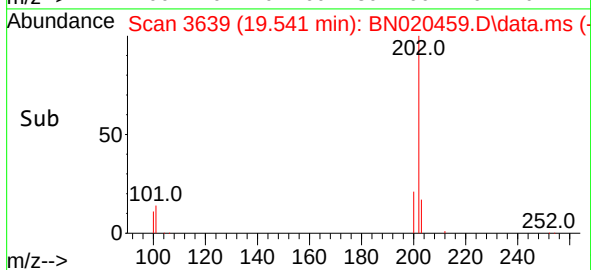
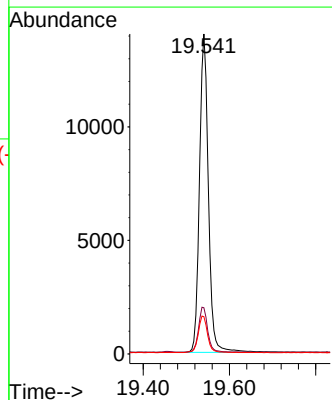
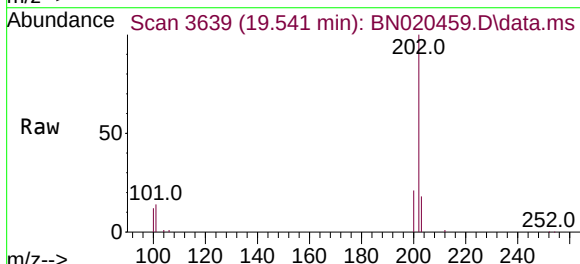
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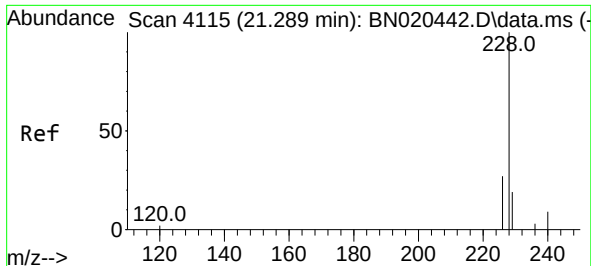
Tgt Ion:202 Resp: 19382
Ion Ratio Lower Upper
202 100
101 12.4 10.3 15.5
100 9.2 7.8 11.6



#20
Pyrene
Concen: 0.367 ng/ul
RT: 19.541 min Scan# 3639
Delta R.T. -0.003 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Tgt Ion:202 Resp: 20205
Ion Ratio Lower Upper
202 100
101 14.4 11.6 17.4
100 11.6 9.2 13.8

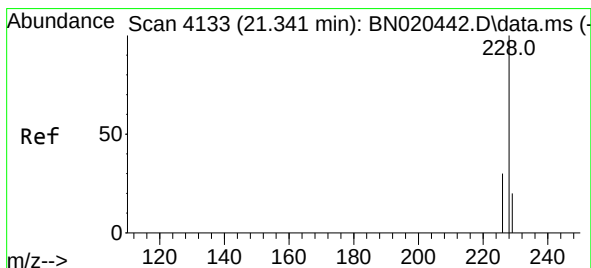
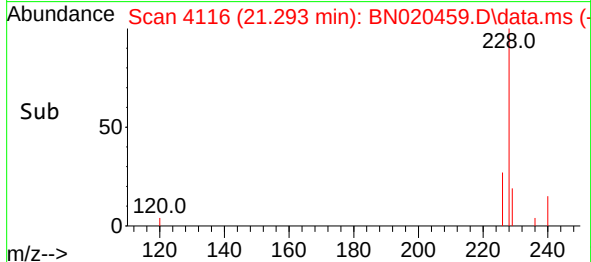
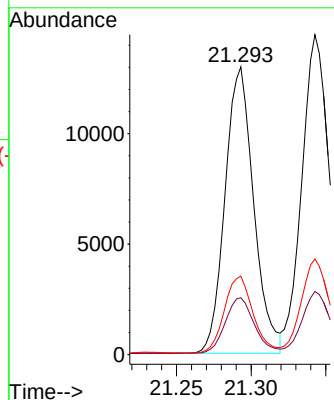
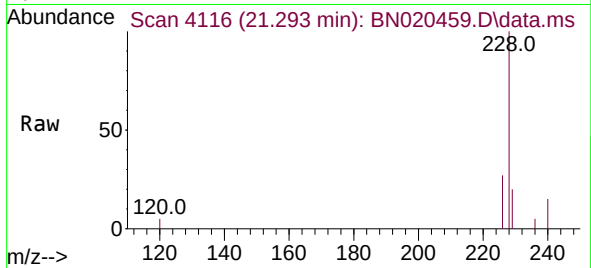




#21
Benzo(a)anthracene
Concen: 0.416 ng/ul
RT: 21.293 min Scan# 4115
Delta R.T. -0.001 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

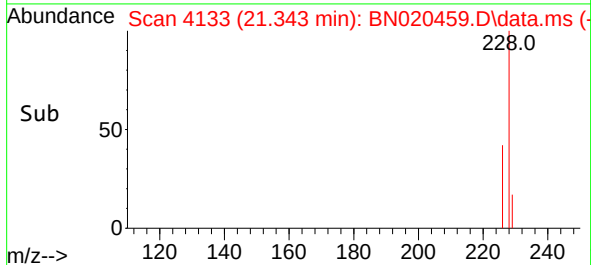
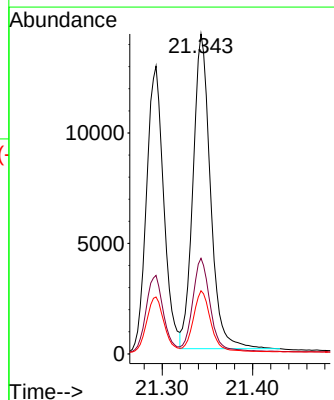
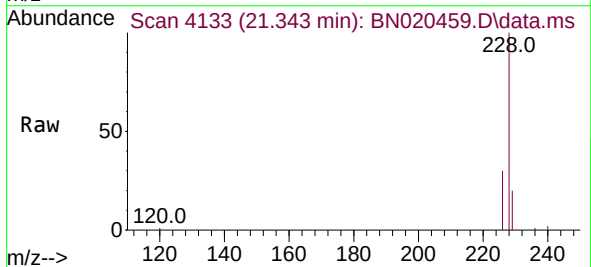
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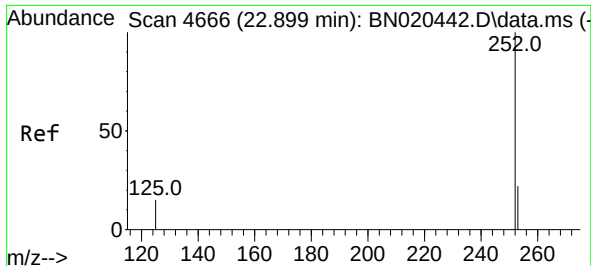
Tgt Ion:228 Resp: 17326
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.2 22.2 33.2



#22
Chrysene
Concen: 0.411 ng/ul
RT: 21.343 min Scan# 4133
Delta R.T. -0.004 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Tgt Ion:228 Resp: 19080
Ion Ratio Lower Upper
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226 29.9 23.9 35.9
229 19.7 15.8 23.8

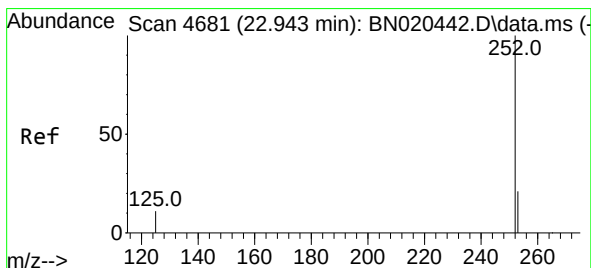
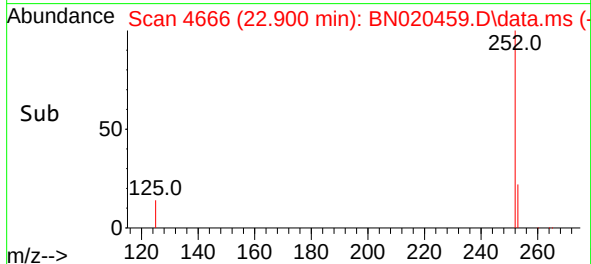
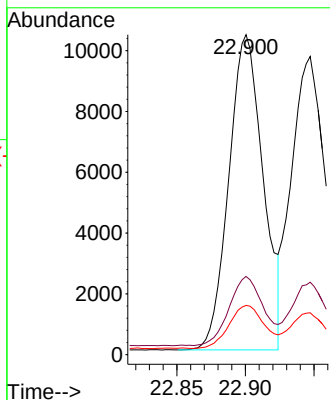
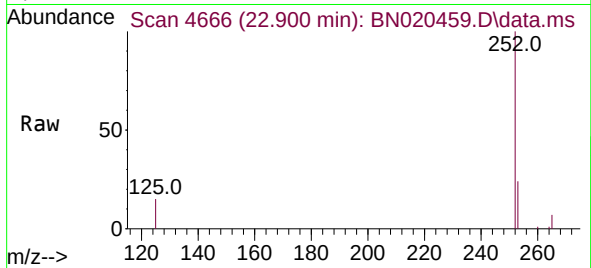




#24
Benzo(b)fluoranthene
Concen: 0.402 ng/ul
RT: 22.900 min Scan# 4666
Delta R.T. -0.004 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

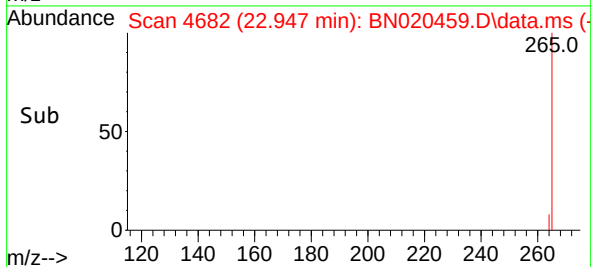
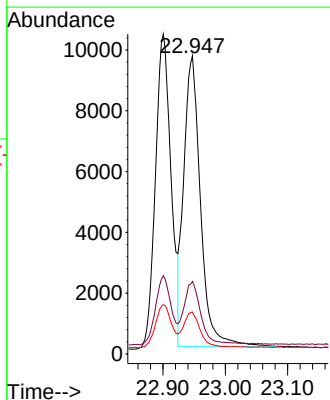
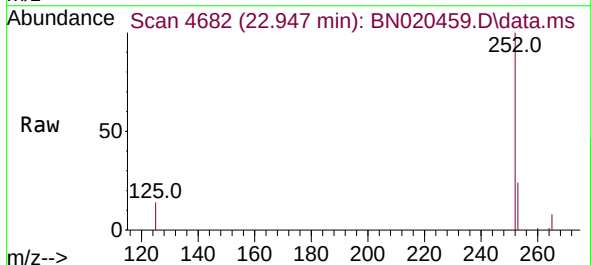
Instrument :
BNA_N
ClientSampleId :
SLCS684

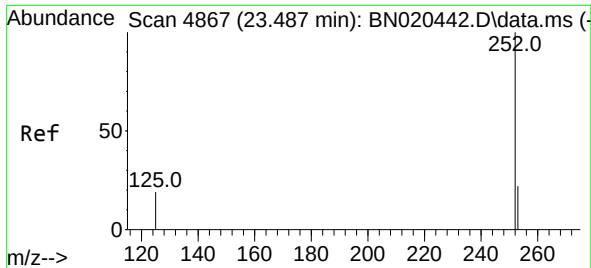
Tgt Ion:252 Resp: 18081
Ion Ratio Lower Upper
252 100
253 24.4 0.0 48.6
125 15.4 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.393 ng/ul
RT: 22.947 min Scan# 4682
Delta R.T. -0.004 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Tgt Ion:252 Resp: 17832
Ion Ratio Lower Upper
252 100
253 24.3 19.7 29.5
125 14.1 12.0 18.0

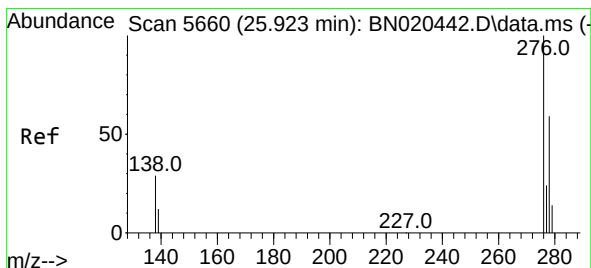
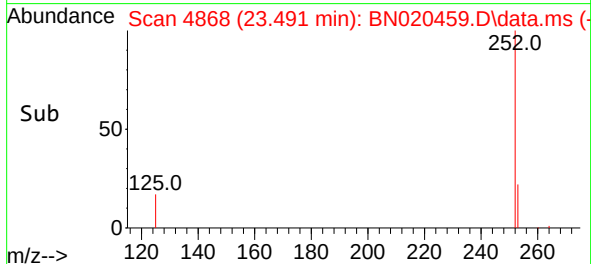
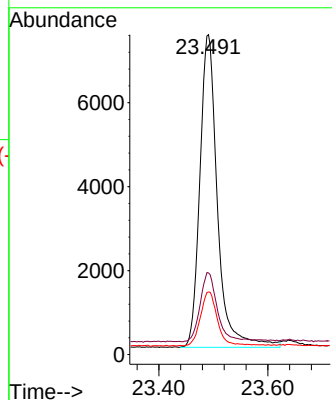
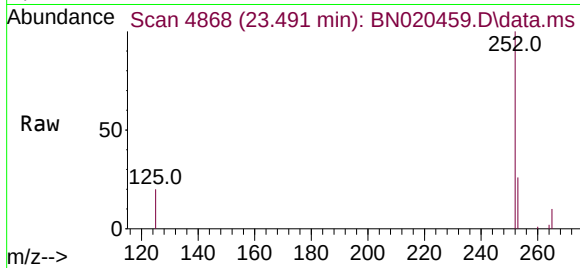




#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.491 min Scan# 4868
Delta R.T. -0.001 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

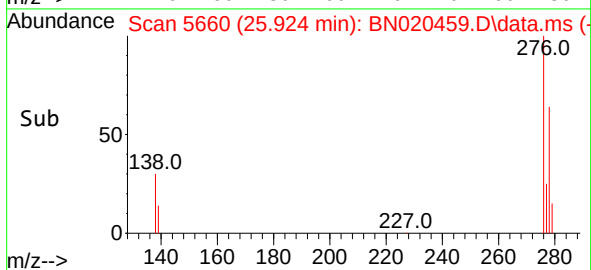
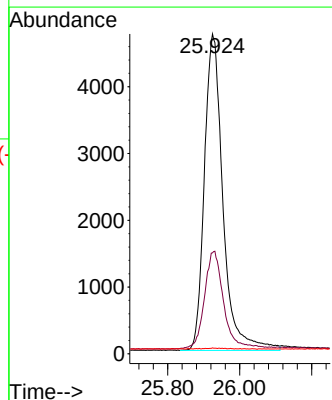
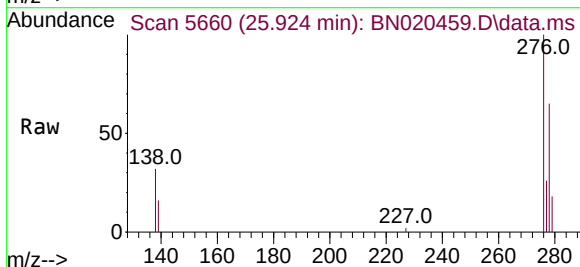
Instrument :
BNA_N
ClientSampleId :
SLCS684

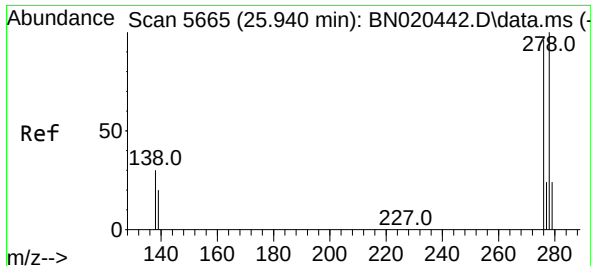
Tgt Ion:252	Resp:	16711
Ion Ratio	Lower	Upper
252	100	
253	25.5	21.0 31.4
125	19.6	18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.417 ng/ul
RT: 25.924 min Scan# 5660
Delta R.T. -0.009 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Tgt Ion:276	Resp:	16953
Ion Ratio	Lower	Upper
276	100	
138	32.2	27.4 41.2
227	0.2	0.2 0.2

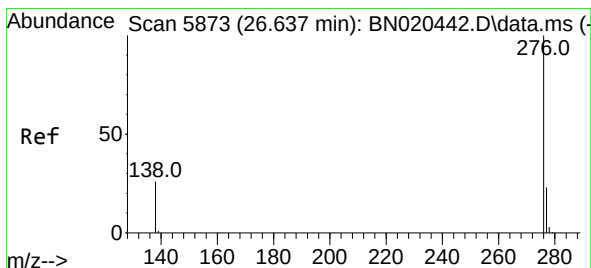
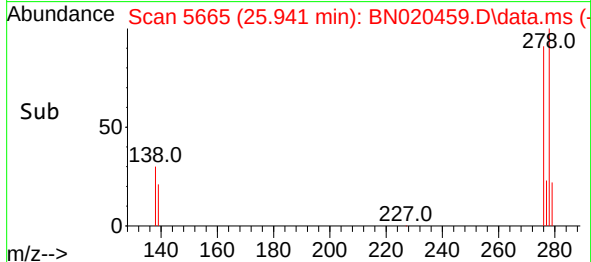
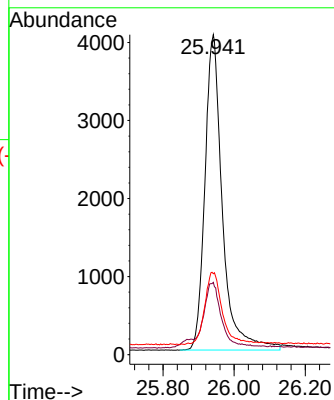
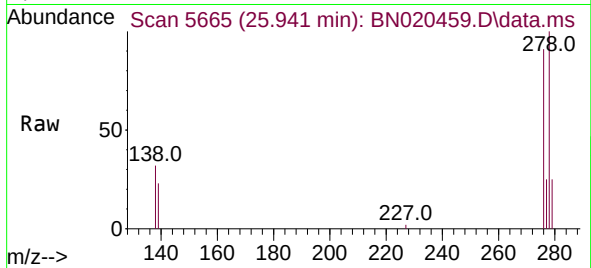




#28
 Dibenzo(a,h)anthracene
 Concen: 0.420 ng/ul
 RT: 25.941 min Scan# 5665
 Delta R.T. -0.009 min
 Lab File: BN020459.D
 Acq: 26 Jun 2022 06:10

Instrument :
 BNA_N
 ClientSampleId :
 SLCS684

Tgt Ion:278 Resp: 13783
 Ion Ratio Lower Upper
 278 100
 139 22.6 18.8 28.2
 279 25.3 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.419 ng/ul
 RT: 26.639 min Scan# 5873
 Delta R.T. -0.009 min
 Lab File: BN020459.D
 Acq: 26 Jun 2022 06:10

Tgt Ion:276 Resp: 14623
 Ion Ratio Lower Upper
 276 100
 138 28.8 23.5 35.3
 277 25.4 20.1 30.1

