

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020861.D
 Acq On : 26 Jul 2022 14:28
 Operator : CG/JU
 Sample : PB146422BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS422

Quant Time: Jul 26 15:15:28 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 18:06:54 2022
 Response via : Initial Calibration

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

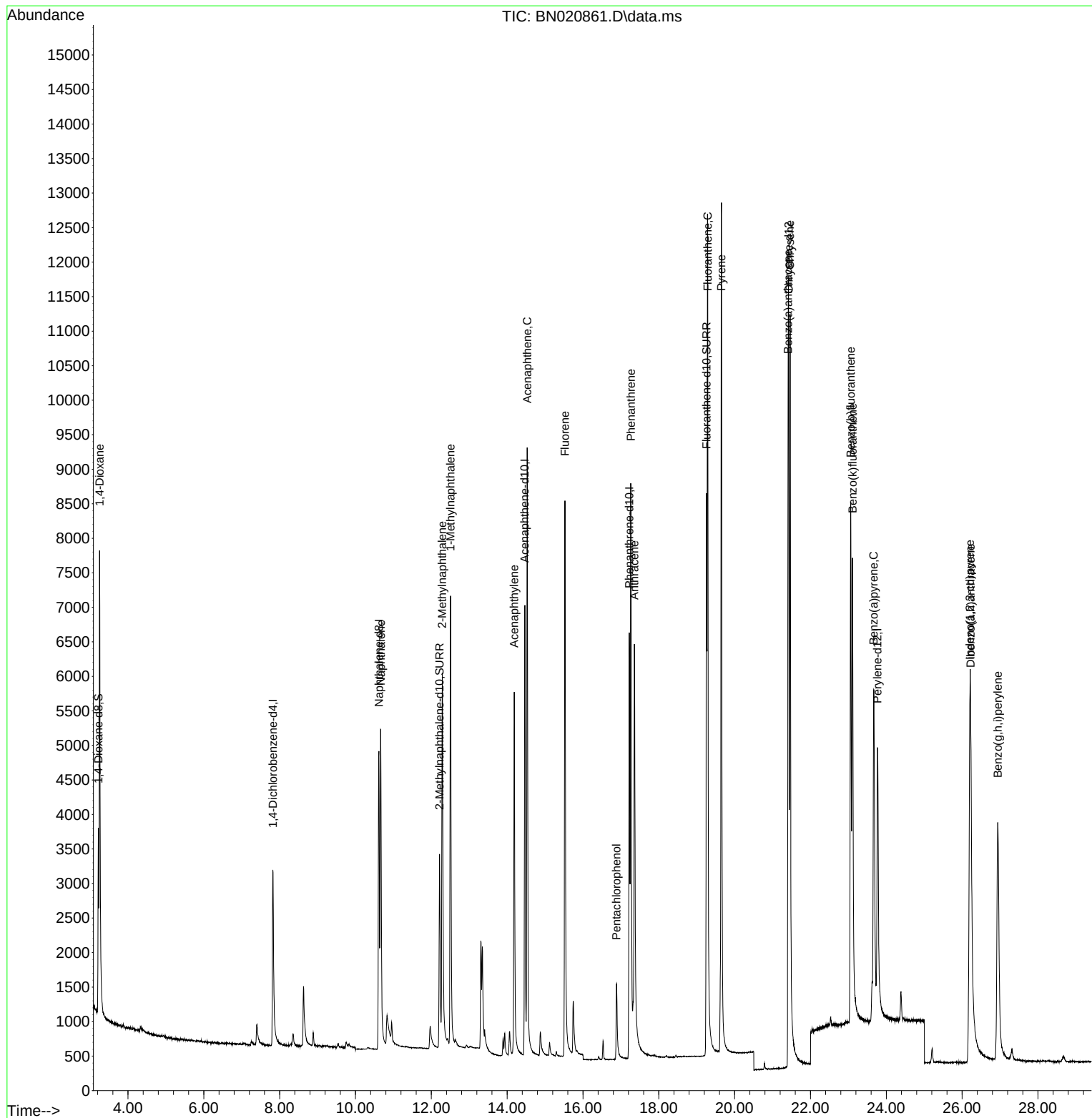
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	1994	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	7166	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.465	164	4169	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	8579	0.400	ng/ul	0.00
17) Chrysene-d12	21.425	240	7430	0.400	ng/ul	0.00
23) Perylene-d12	23.769	264	6137	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1841	0.768	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	4557	0.419	ng/ul	0.00
18) Fluoranthene-d10	19.257	212	10167	0.428	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	4380	1.779	ng/ul#	80
5) Naphthalene	10.667	128	7892	0.351	ng/ul	99
7) 2-Methylnaphthalene	12.289	142	4967	0.350	ng/ul	99
8) 1-Methylnaphthalene	12.509	142	5347	0.389	ng/ul	100
10) Acenaphthylene	14.187	152	7265	0.350	ng/ul	99
11) Acenaphthene	14.529	153	5840	0.348	ng/ul	100
12) Fluorene	15.524	166	6468	0.351	ng/ul	99
14) Pentachlorophenol	16.883	266	1071	0.829	ng/ul	98
15) Phenanthrene	17.263	178	10747	0.342	ng/ul	99
16) Anthracene	17.356	178	8836	0.351	ng/ul	98
19) Fluoranthene	19.290	202	12327	0.354	ng/ul	98
20) Pyrene	19.652	202	12865	0.354	ng/ul	99
21) Benzo(a)anthracene	21.410	228	8938	0.364	ng/ul	100
22) Chrysene	21.463	228	11186	0.354	ng/ul	100
24) Benzo(b)fluoranthene	23.061	252	10478	0.360	ng/ul	98
25) Benzo(k)fluoranthene	23.108	252	10914	0.363	ng/ul	99
26) Benzo(a)pyrene	23.669	252	9551	0.356	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.203	276	10264	0.364	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.226	278	7931	0.369	ng/ul	97
29) Benzo(g,h,i)perylene	26.941	276	9175	0.361	ng/ul	98

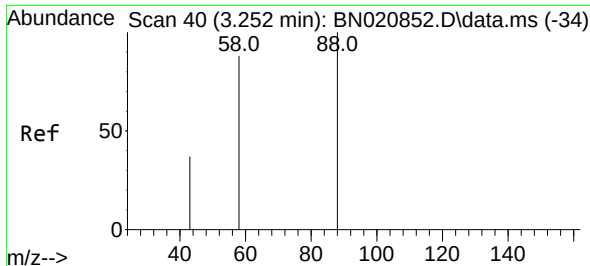
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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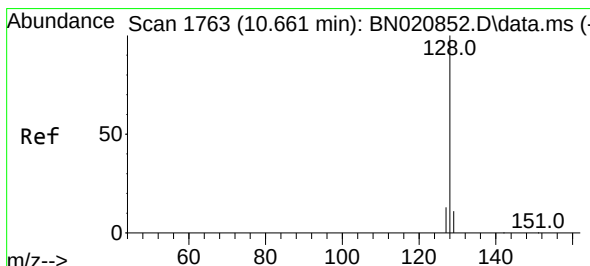
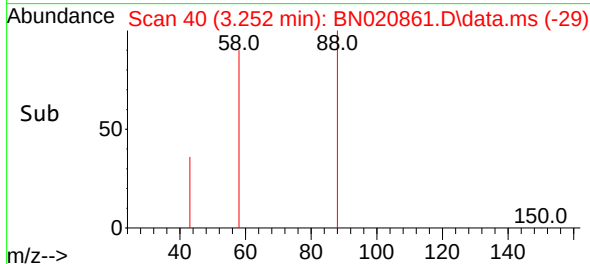
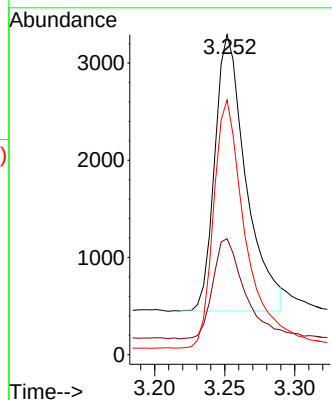
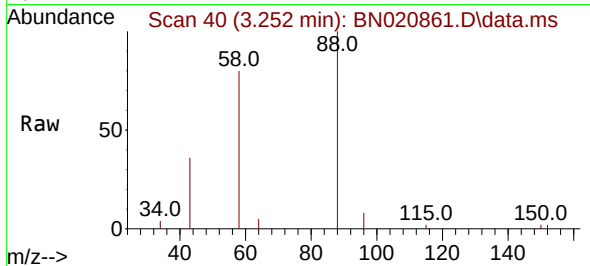




#2
 1,4-Dioxane
 Concen: 1.779 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020861.D
 Acq: 26 Jul 2022 14:28

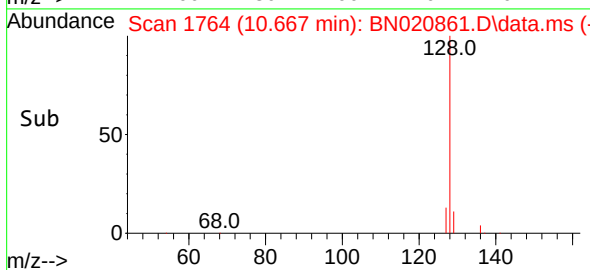
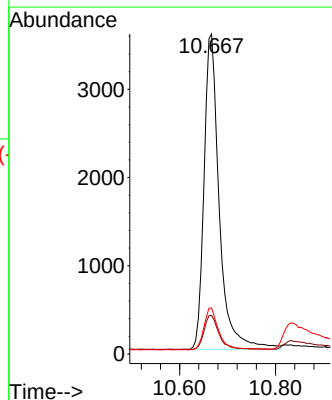
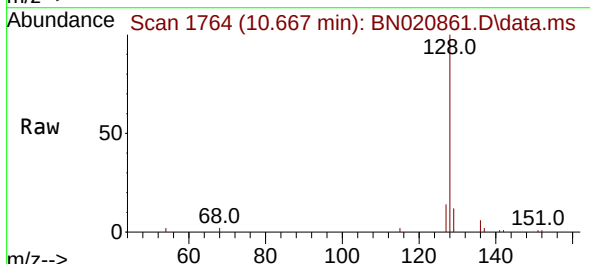
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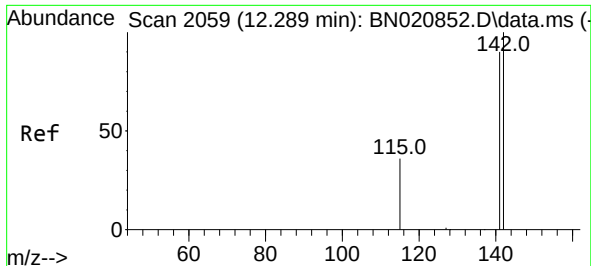
Tgt Ion: 88 Resp: 4380
 Ion Ratio Lower Upper
 88 100
 43 36.3 32.5 48.7
 58 79.6 46.2 69.2#



#5
 Naphthalene
 Concen: 0.351 ng/ul
 RT: 10.667 min Scan# 1764
 Delta R.T. -0.000 min
 Lab File: BN020861.D
 Acq: 26 Jul 2022 14:28

Tgt Ion:128 Resp: 7892
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.5 14.3
 127 14.3 11.3 16.9

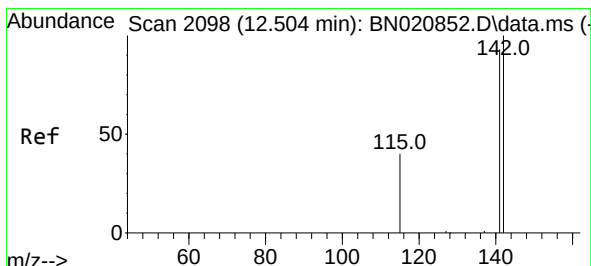
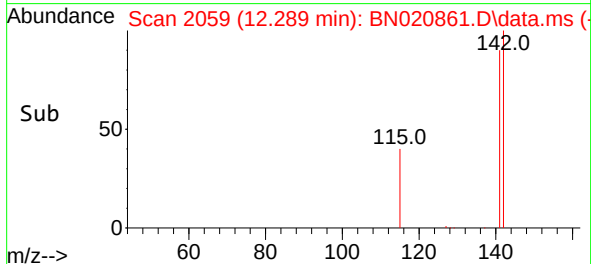
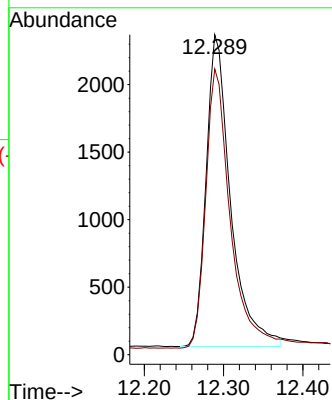
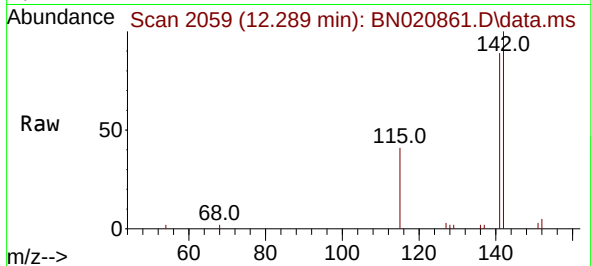




#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.289 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BN020861.D
Acq: 26 Jul 2022 14:28

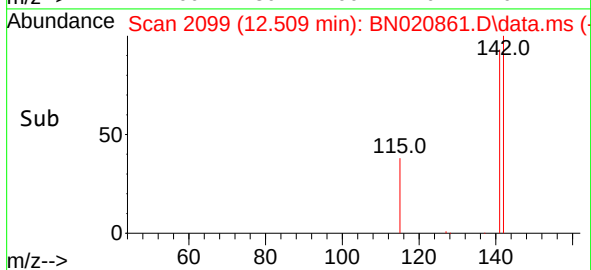
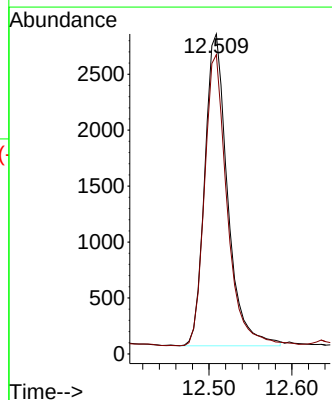
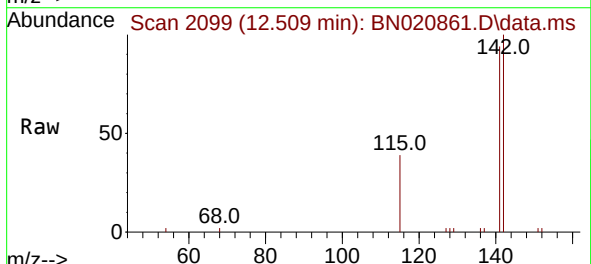
Instrument :
BNA_N
ClientSampleId :
SLCS422

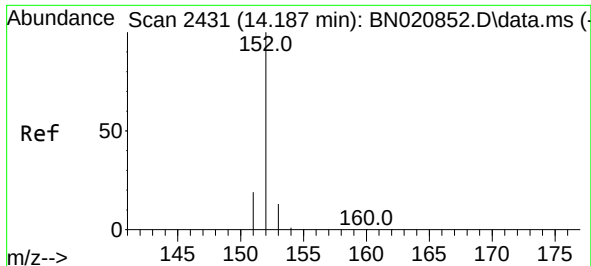
Tgt Ion:142 Resp: 4967
Ion Ratio Lower Upper
142 100
141 89.2 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.509 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN020861.D
Acq: 26 Jul 2022 14:28

Tgt Ion:142 Resp: 5347
Ion Ratio Lower Upper
142 100
141 92.0 73.7 110.5

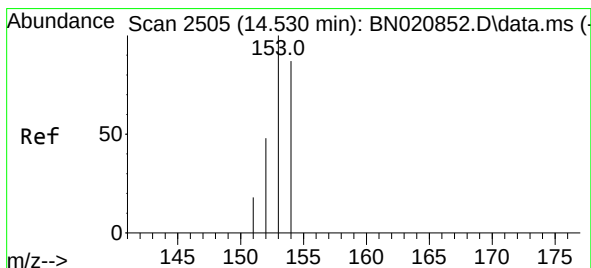
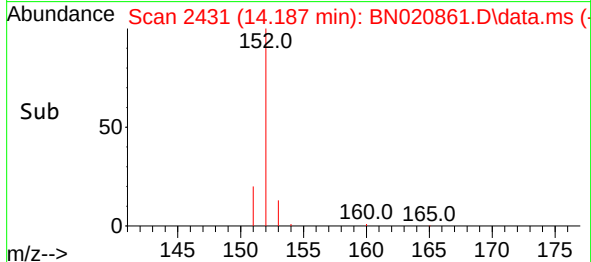
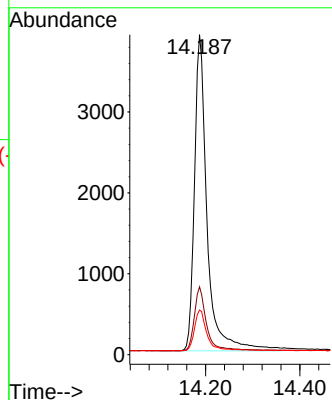
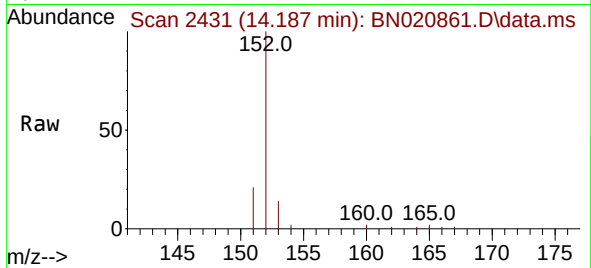




#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 14.187 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN020861.D
Acq: 26 Jul 2022 14:28

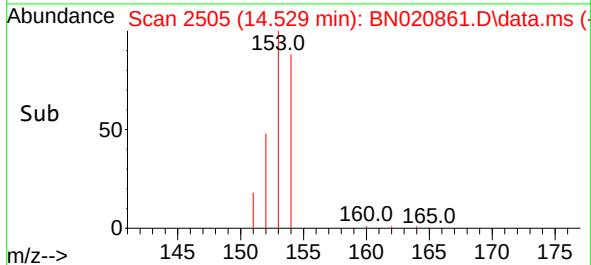
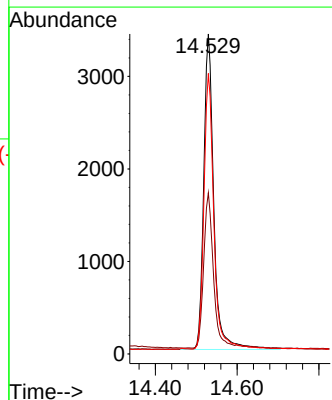
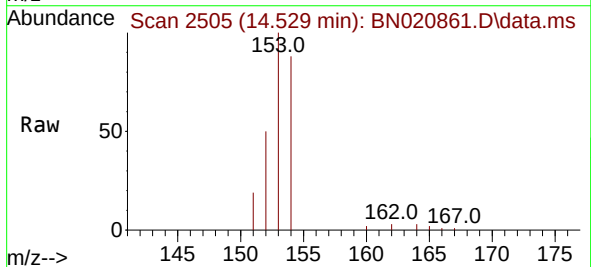
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ClientSampleId :
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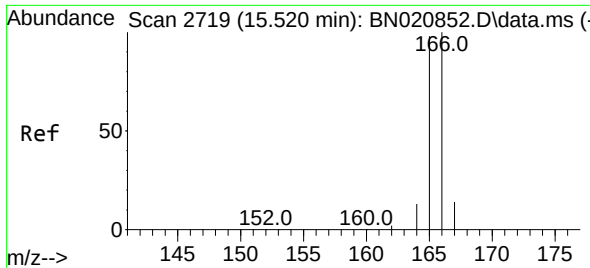
Tgt Ion:152 Resp: 7265
Ion Ratio Lower Upper
152 100
151 21.2 16.5 24.7
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.348 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BN020861.D
Acq: 26 Jul 2022 14:28

Tgt Ion:153 Resp: 5840
Ion Ratio Lower Upper
153 100
152 50.3 40.0 60.0
154 87.6 70.0 105.0





#12

Fluorene

Concen: 0.351 ng/ul

RT: 15.524 min Scan# 2719

Delta R.T. -0.000 min

Lab File: BN020861.D

Acq: 26 Jul 2022 14:28

Instrument :

BNA_N

ClientSampleId :

SLCS422

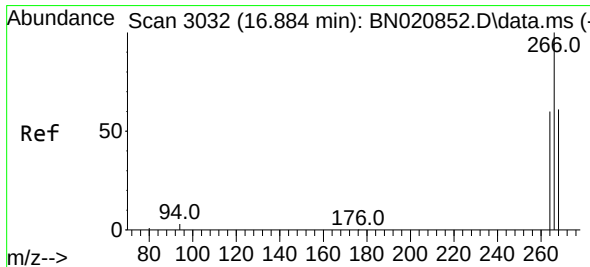
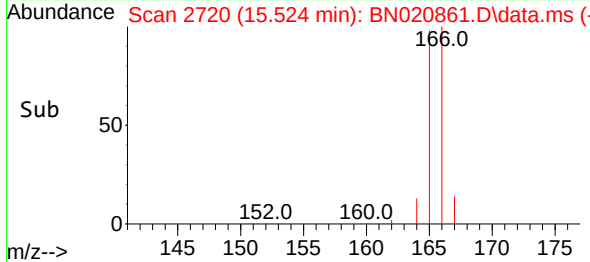
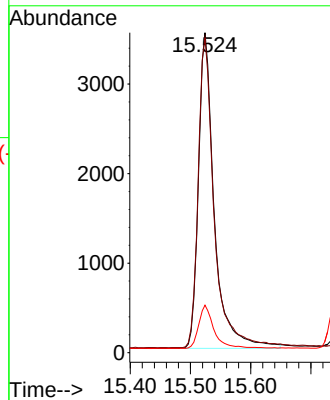
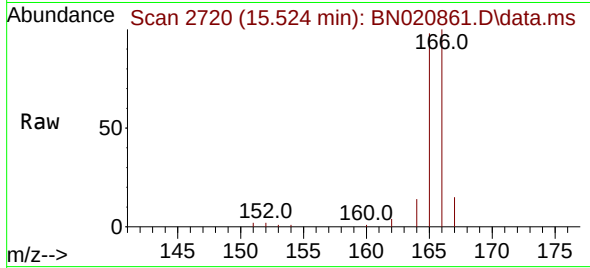
Tgt Ion:166 Resp: 6468

Ion Ratio Lower Upper

166 100

165 98.4 78.2 117.2

167 14.9 11.3 16.9



#14

Pentachlorophenol

Concen: 0.829 ng/ul

RT: 16.883 min Scan# 3032

Delta R.T. -0.009 min

Lab File: BN020861.D

Acq: 26 Jul 2022 14:28

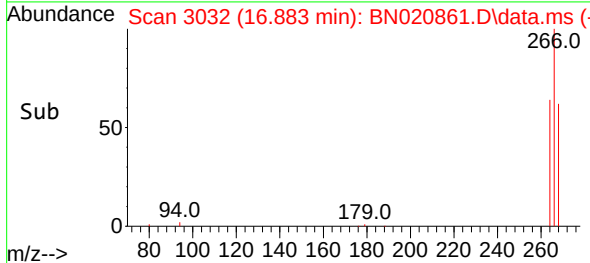
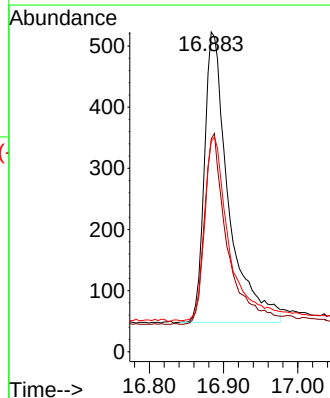
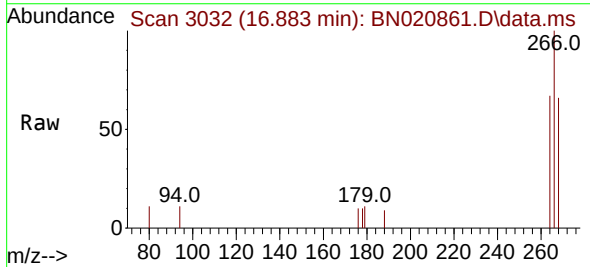
Tgt Ion:266 Resp: 1071

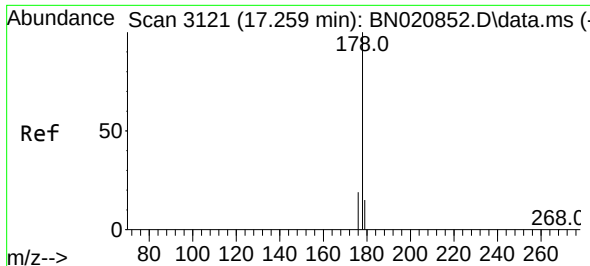
Ion Ratio Lower Upper

266 100

264 62.8 51.6 77.4

268 63.7 51.5 77.3

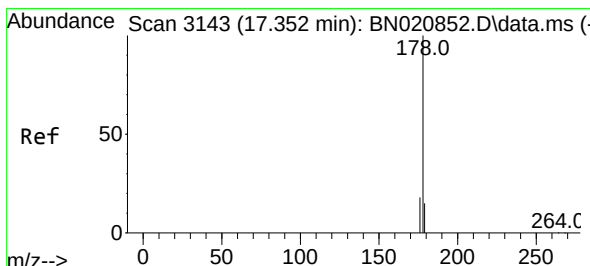
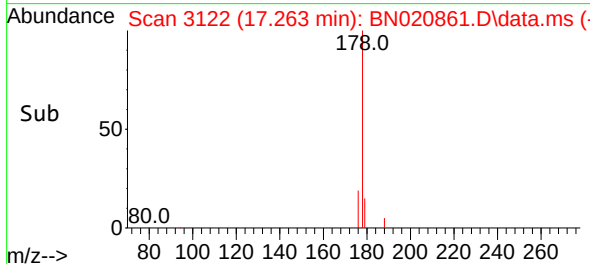
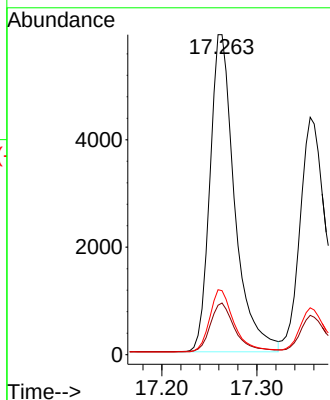
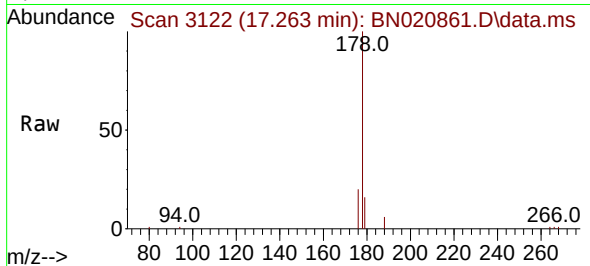




#15
Phenanthrene
Concen: 0.342 ng/ul
RT: 17.263 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BN020861.D
Acq: 26 Jul 2022 14:28

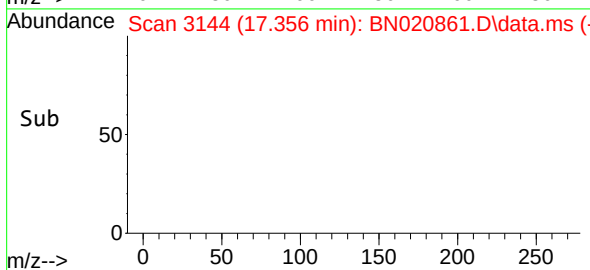
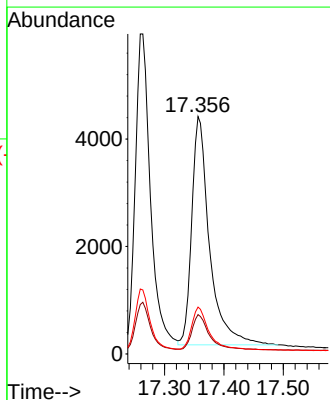
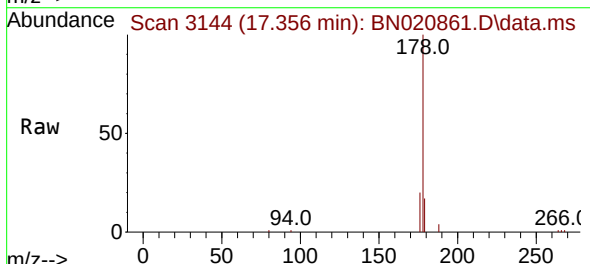
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ClientSampleId :
SLCS422

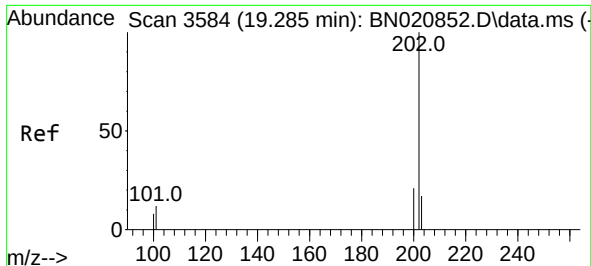
Tgt Ion:178 Resp: 10747
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 20.0 15.8 23.6



#16
Anthracene
Concen: 0.351 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BN020861.D
Acq: 26 Jul 2022 14:28

Tgt Ion:178 Resp: 8836
Ion Ratio Lower Upper
178 100
179 16.6 12.8 19.2
176 19.7 15.2 22.8

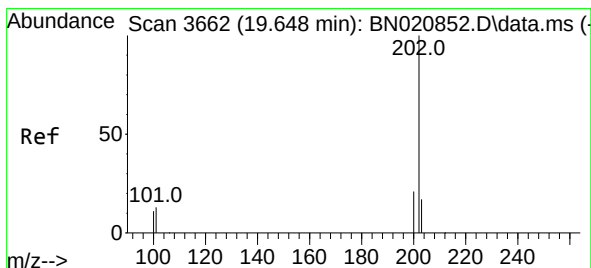
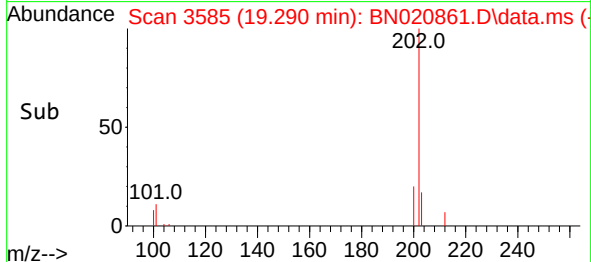
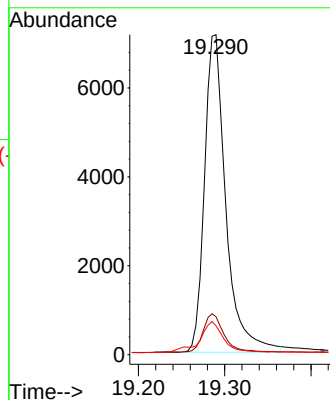
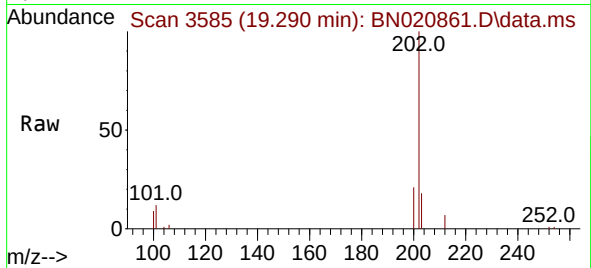




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.290 min Scan# 3585
Delta R.T. -0.000 min
Lab File: BN020861.D
Acq: 26 Jul 2022 14:28

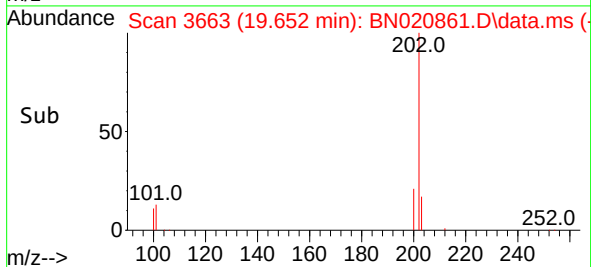
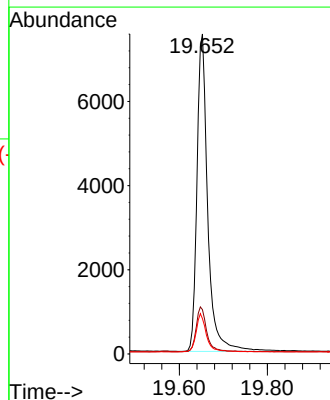
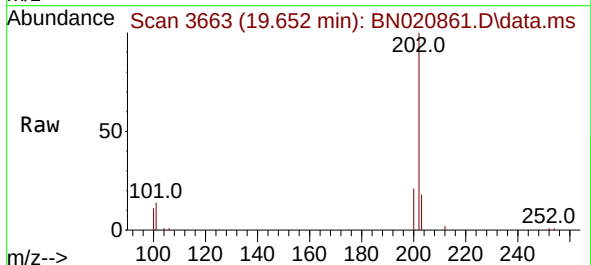
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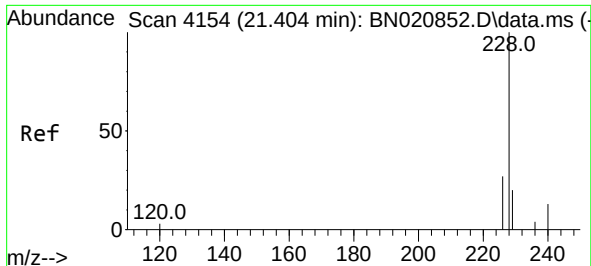
Tgt Ion:202 Resp: 12327
Ion Ratio Lower Upper
202 100
101 11.9 10.3 15.5
100 9.0 7.8 11.6



#20
Pyrene
Concen: 0.354 ng/ul
RT: 19.652 min Scan# 3663
Delta R.T. -0.000 min
Lab File: BN020861.D
Acq: 26 Jul 2022 14:28

Tgt Ion:202 Resp: 12865
Ion Ratio Lower Upper
202 100
101 13.8 11.6 17.4
100 11.0 9.2 13.8

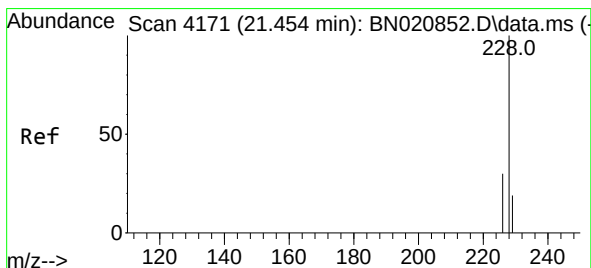
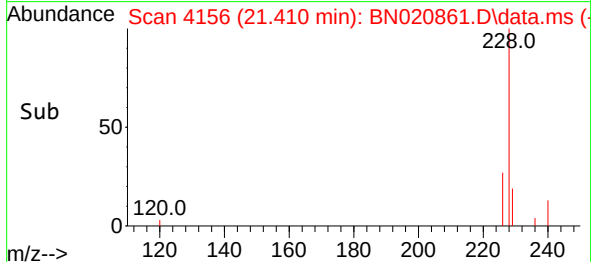
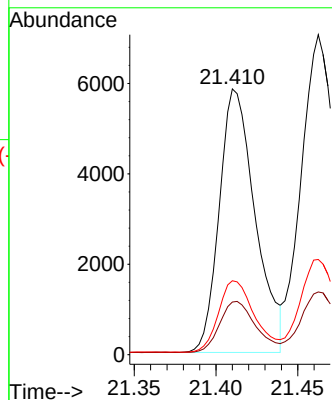
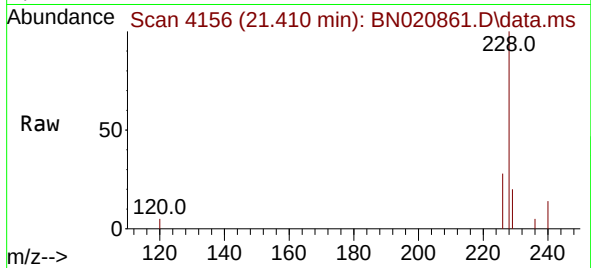




#21
Benzo(a)anthracene
Concen: 0.364 ng/ul
RT: 21.410 min Scan# 4154
Delta R.T. -0.006 min
Lab File: BN020861.D
Acq: 26 Jul 2022 14:28

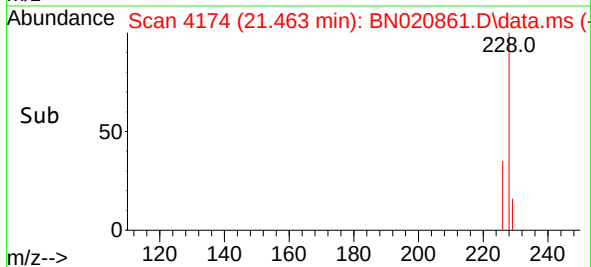
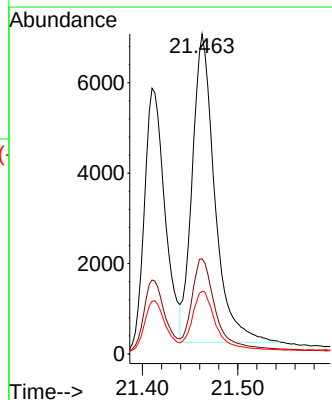
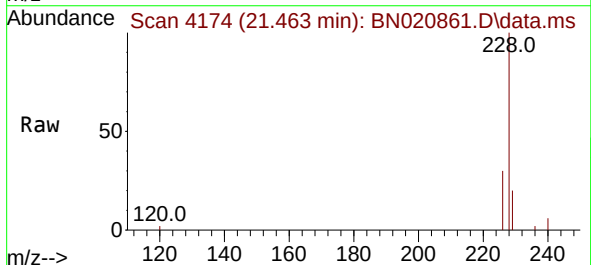
Instrument :
BNA_N
ClientSampleId :
SLCS422

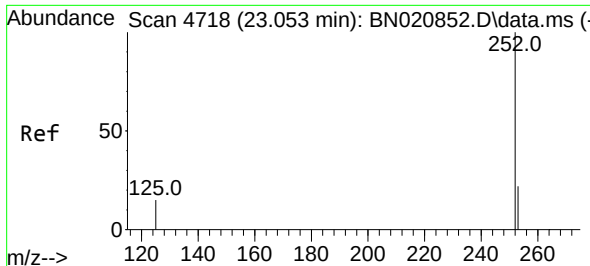
Tgt Ion:228 Resp: 8938
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.463 min Scan# 4174
Delta R.T. -0.003 min
Lab File: BN020861.D
Acq: 26 Jul 2022 14:28

Tgt Ion:228 Resp: 11186
Ion Ratio Lower Upper
228 100
226 29.7 23.9 35.9
229 19.6 15.8 23.8

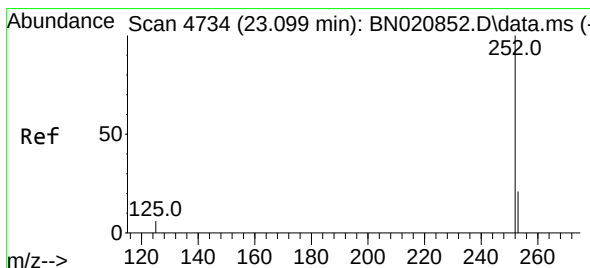
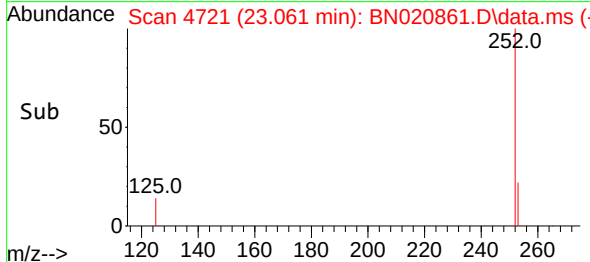
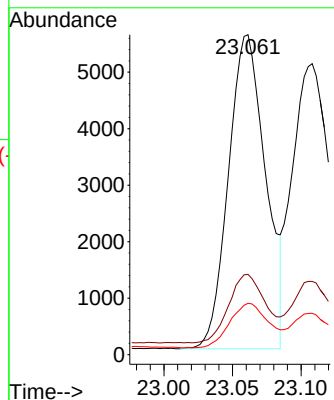
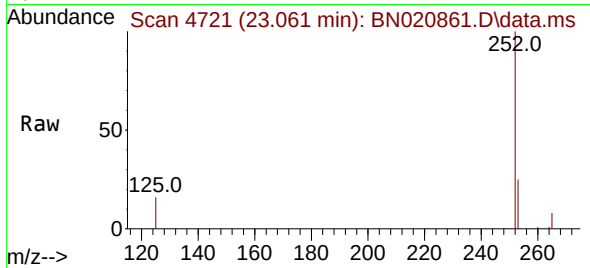




#24
Benzo(b)fluoranthene
Concen: 0.360 ng/ul
RT: 23.061 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BN020861.D
Acq: 26 Jul 2022 14:28

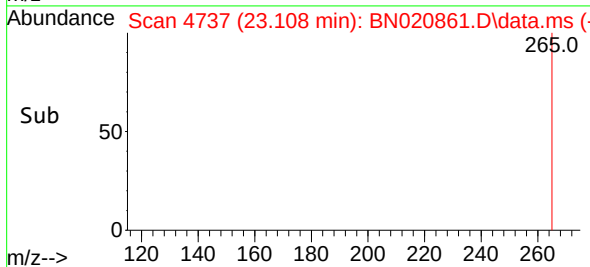
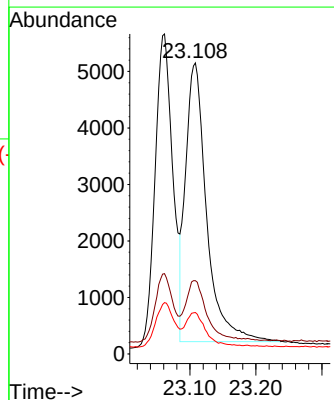
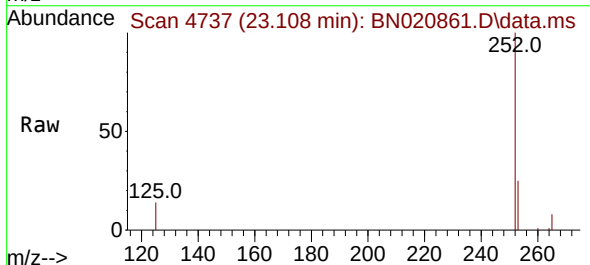
Instrument :
BNA_N
ClientSampleId :
SLCS422

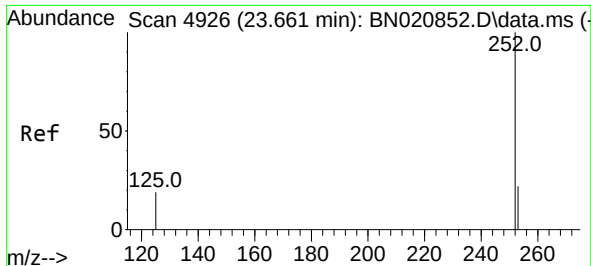
Tgt Ion:252 Resp: 10478
Ion Ratio Lower Upper
252 100
253 25.1 0.0 48.6
125 16.0 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul
RT: 23.108 min Scan# 4737
Delta R.T. -0.000 min
Lab File: BN020861.D
Acq: 26 Jul 2022 14:28

Tgt Ion:252 Resp: 10914
Ion Ratio Lower Upper
252 100
253 25.2 19.7 29.5
125 14.2 12.0 18.0

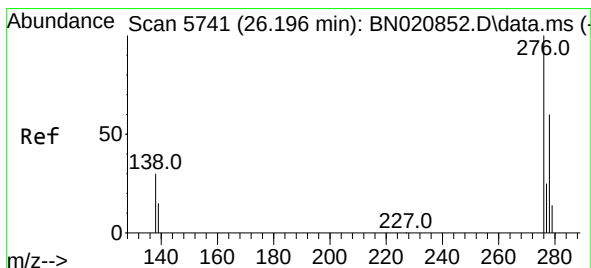
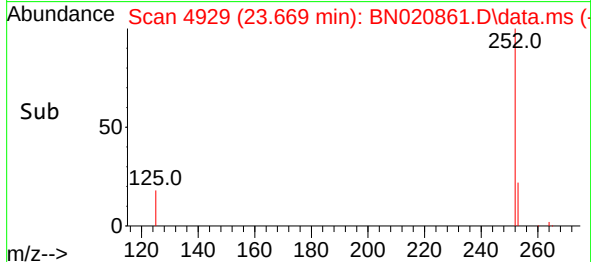
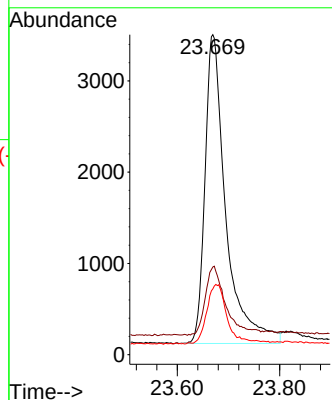
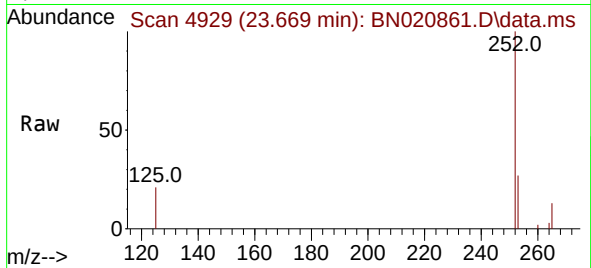




#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.669 min Scan# 4926
Delta R.T. -0.006 min
Lab File: BN020861.D
Acq: 26 Jul 2022 14:28

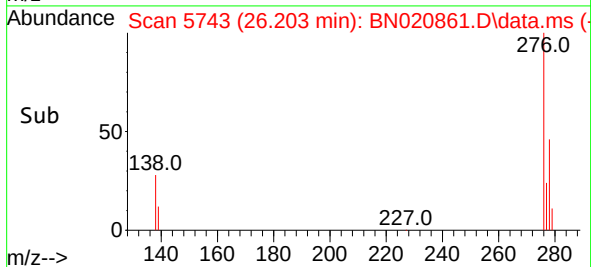
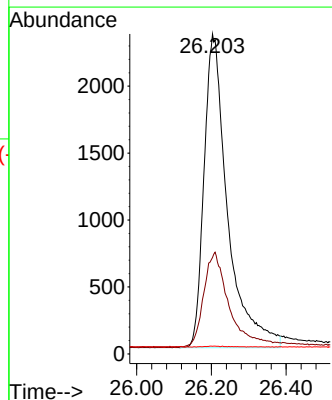
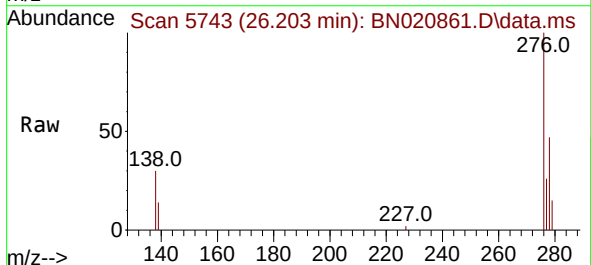
Instrument :
BNA_N
ClientSampleId :
SLCS422

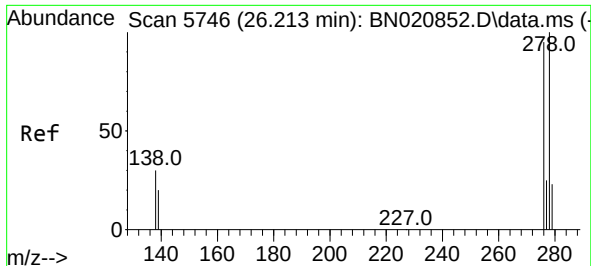
Tgt Ion:252	Resp:	9551
Ion Ratio	Lower	Upper
252	100	
253	27.4	21.0 31.4
125	20.6	18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng/ul
RT: 26.203 min Scan# 5743
Delta R.T. -0.007 min
Lab File: BN020861.D
Acq: 26 Jul 2022 14:28

Tgt Ion:276	Resp:	10264
Ion Ratio	Lower	Upper
276	100	
138	32.6	27.4 41.2
227	0.1	0.2 0.2

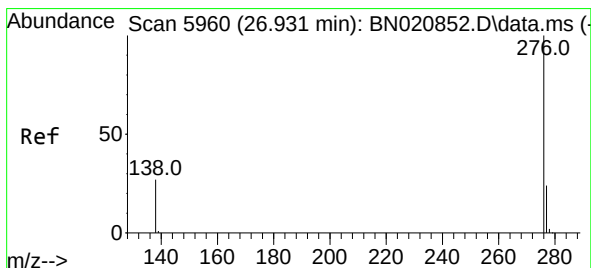
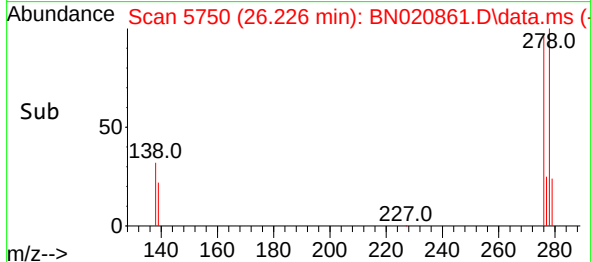
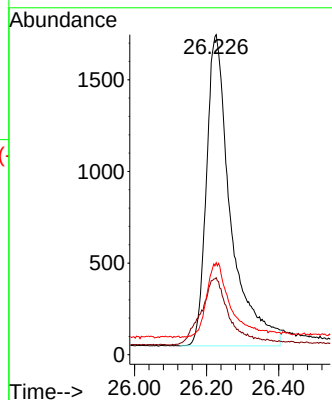
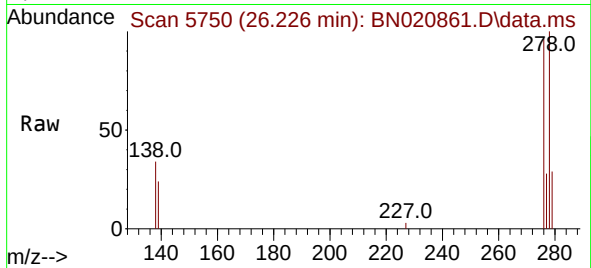




#28
Dibenzo(a,h)anthracene
Concen: 0.369 ng/ul
RT: 26.226 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN020861.D
Acq: 26 Jul 2022 14:28

Instrument :
BNA_N
ClientSampleId :
SLCS422

Tgt Ion:278 Resp: 7931
Ion Ratio Lower Upper
278 100
139 24.1 18.8 28.2
279 28.8 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.361 ng/ul
RT: 26.941 min Scan# 5963
Delta R.T. -0.007 min
Lab File: BN020861.D
Acq: 26 Jul 2022 14:28

Tgt Ion:276 Resp: 9175
Ion Ratio Lower Upper
276 100
138 27.1 23.5 35.3
277 25.2 20.1 30.1

