

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
 Data File : BN022552.D
 Acq On : 08 Nov 2022 07:34
 Operator : CG/JU
 Sample : PB148827BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS827

Quant Time: Nov 08 08:04:57 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 23:39:33 2022
 Response via : Initial Calibration

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

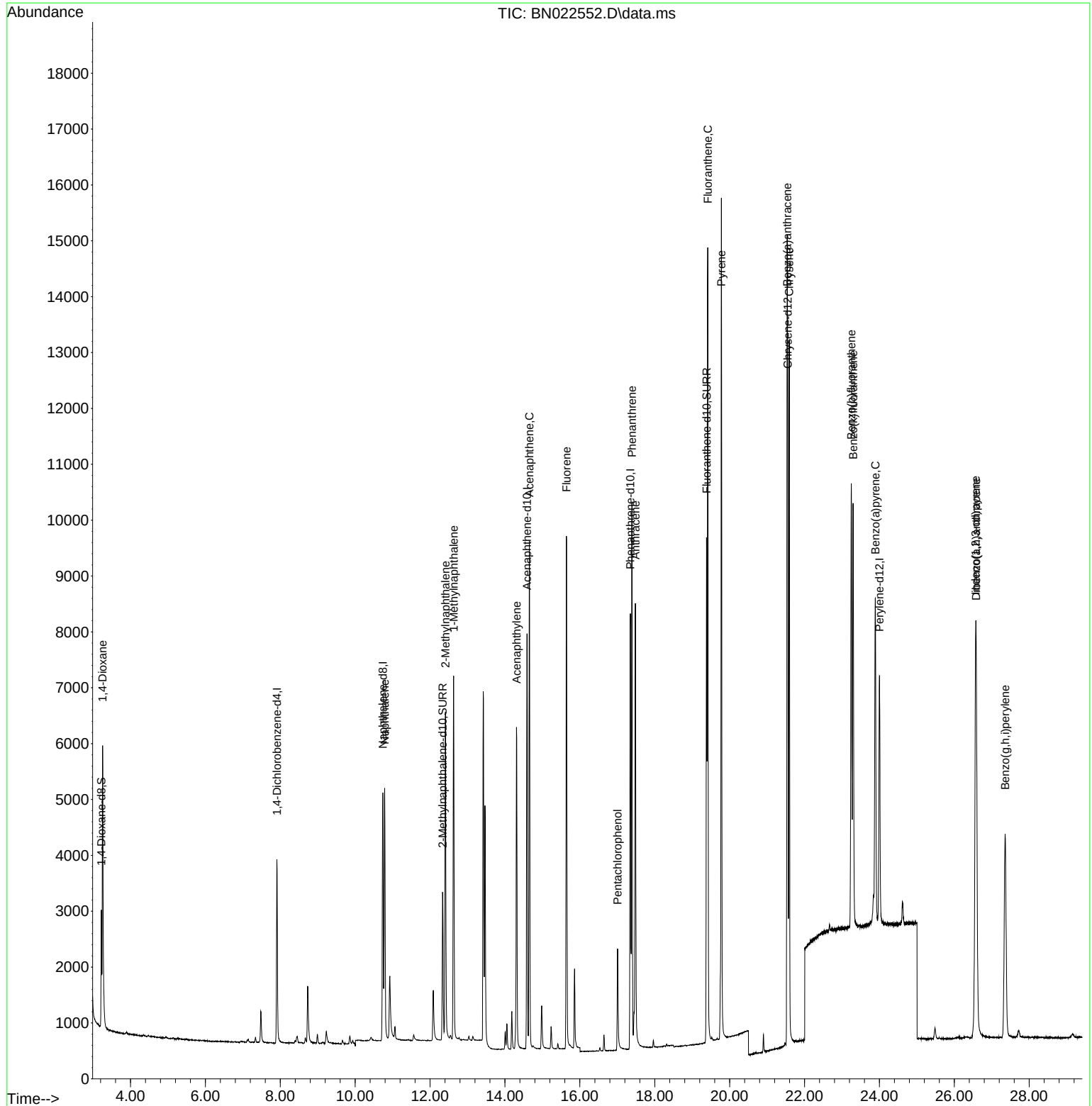
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	1787	0.400	ng/u1	0.00
4) Naphthalene-d8	10.739	136	6308	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.591	164	4218	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.349	188	9160	0.400	ng/u1	0.00
17) Chrysene-d12	21.553	240	8020	0.400	ng/u1	0.00
23) Perylene-d12	23.999	264	6506	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	1494	0.643	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.334	152	3833	0.402	ng/u1	-0.01
18) Fluoranthene-d10	19.384	212	9669	0.359	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.257	88	3731	1.565	ng/u1	90
5) Naphthalene	10.789	128	6475	0.347	ng/u1	98
7) 2-Methylnaphthalene	12.411	142	4337	0.369	ng/u1	99
8) 1-Methylnaphthalene	12.631	142	4755	0.394	ng/u1	100
10) Acenaphthylene	14.309	152	6952	0.367	ng/u1	98
11) Acenaphthene	14.651	153	5412	0.339	ng/u1	99
12) Fluorene	15.641	166	6155	0.332	ng/u1	98
14) Pentachlorophenol	17.007	266	1424	0.654	ng/u1	99
15) Phenanthrene	17.391	178	10335	0.336	ng/u1	99
16) Anthracene	17.484	178	9385	0.362	ng/u1	99
19) Fluoranthene	19.417	202	12003	0.327	ng/u1	96
20) Pyrene	19.779	202	12476	0.338	ng/u1	99
21) Benzo(a)anthracene	21.538	228	11270	0.375	ng/u1	99
22) Chrysene	21.591	228	11241	0.353	ng/u1	99
24) Benzo(b)fluoranthene	23.248	252	10675	0.327	ng/u1	95
25) Benzo(k)fluoranthene	23.298	252	10345	0.326	ng/u1	96
26) Benzo(a)pyrene	23.891	252	9018	0.346	ng/u1	94
27) Indeno(1,2,3-cd)pyrene	26.568	276	10633	0.328	ng/u1	95
28) Dibenzo(a,h)anthracene	26.585	278	8567	0.331	ng/u1	96
29) Benzo(g,h,i)perylene	27.356	276	8655	0.328	ng/u1	97

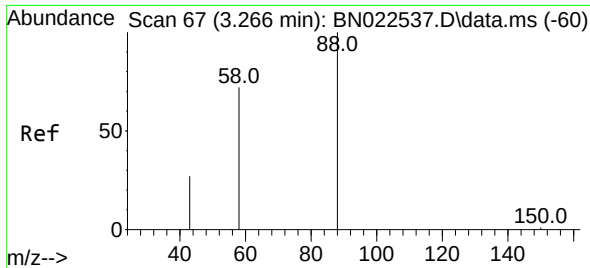
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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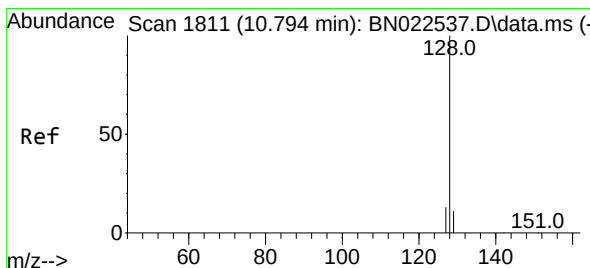
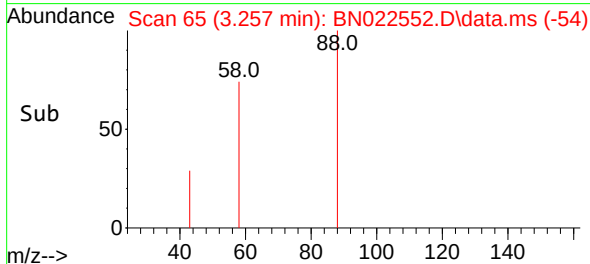
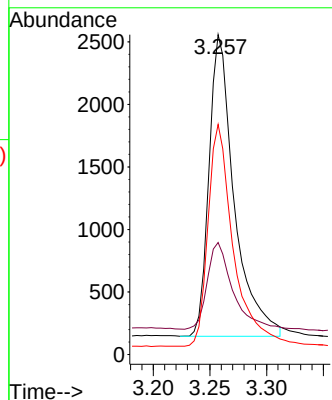
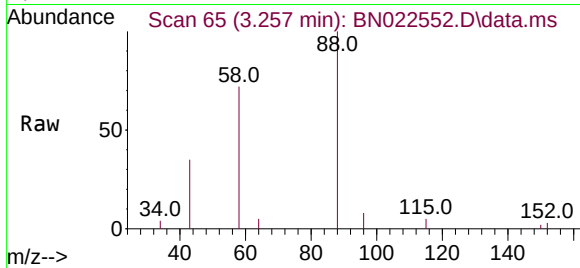




#2
1,4-Dioxane
Concen: 1.565 ng/ul
RT: 3.257 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN022552.D
Acq: 08 Nov 2022 07:34

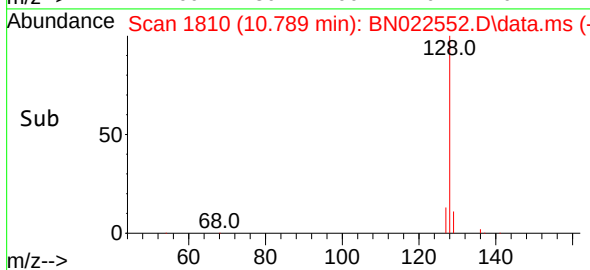
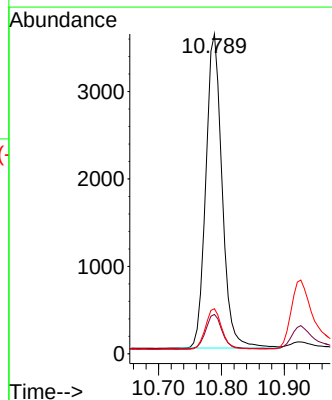
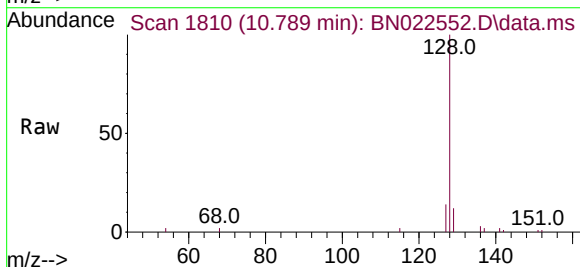
Instrument :
BNA_N
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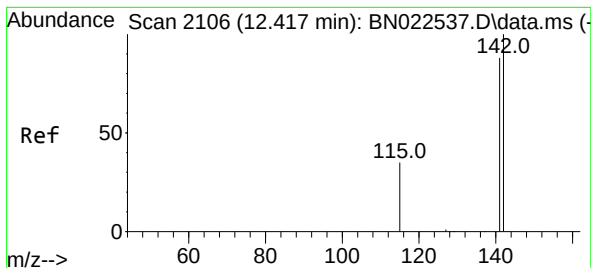
Tgt Ion: 88 Resp: 3731
Ion Ratio Lower Upper
88 100
43 35.0 27.4 41.2
58 71.9 48.2 72.2



#5
Naphthalene
Concen: 0.347 ng/ul
RT: 10.789 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BN022552.D
Acq: 08 Nov 2022 07:34

Tgt Ion: 128 Resp: 6475
Ion Ratio Lower Upper
128 100
129 12.3 9.3 13.9
127 14.1 10.7 16.1

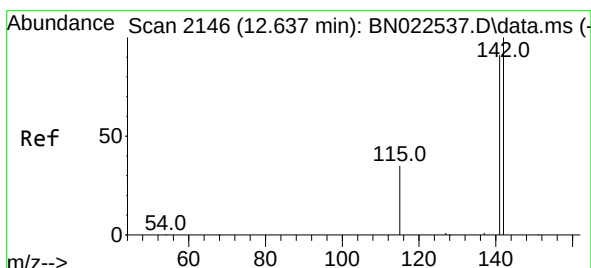
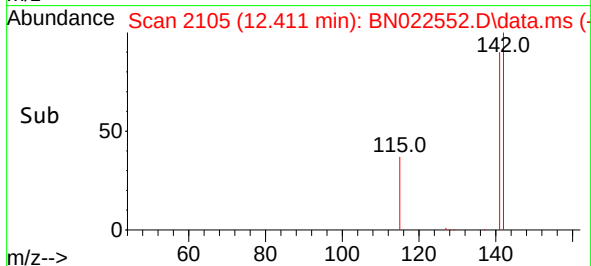
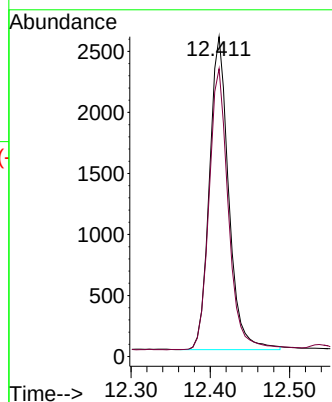
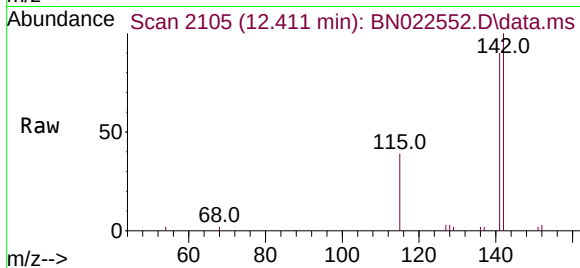




#7
2-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.411 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BN022552.D
Acq: 08 Nov 2022 07:34

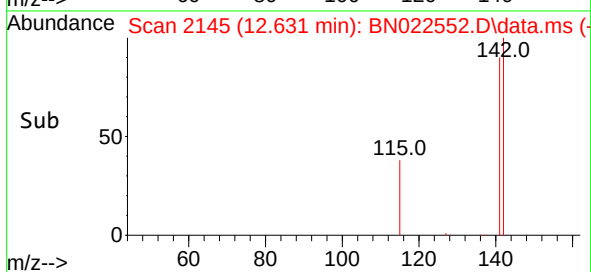
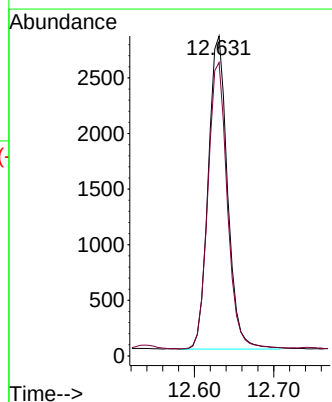
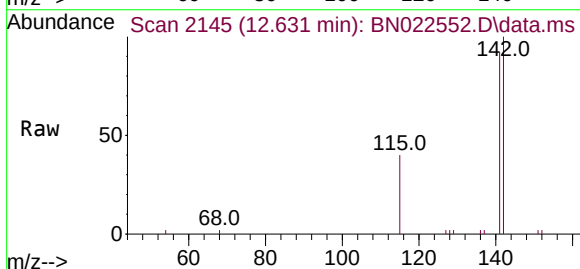
Instrument :
BNA_N
ClientSampleId :
SLCS827

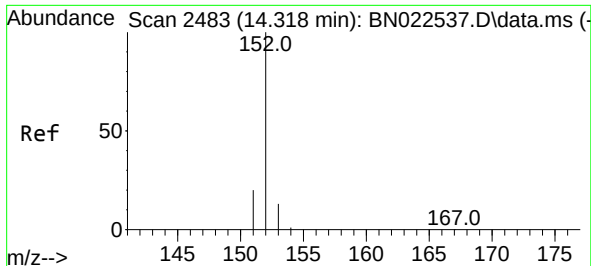
Tgt Ion:142 Resp: 4337
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.631 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BN022552.D
Acq: 08 Nov 2022 07:34

Tgt Ion:142 Resp: 4755
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9

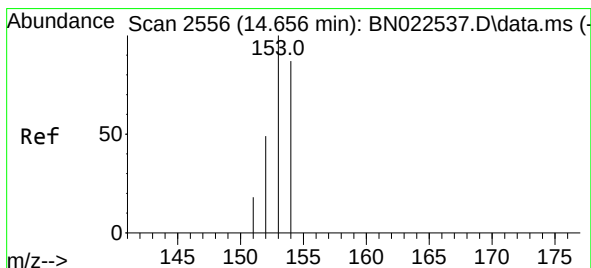
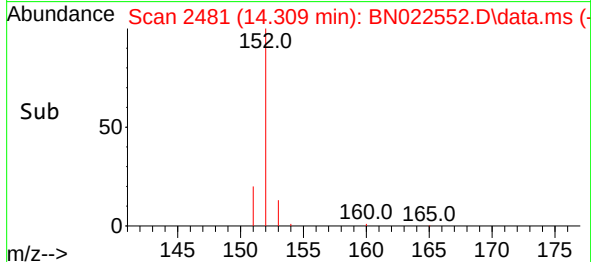
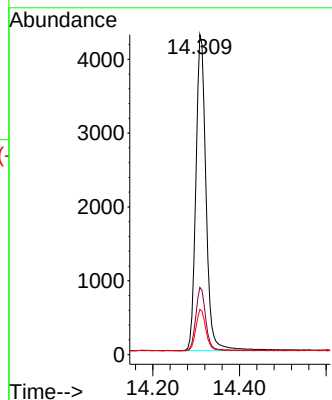
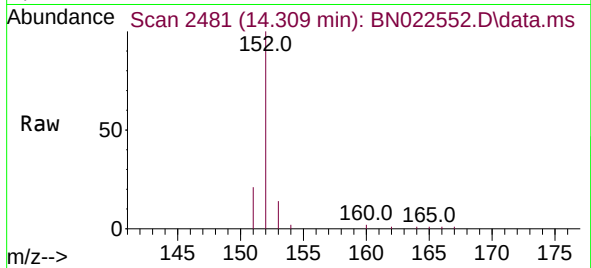




#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 14.309 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BN022552.D
Acq: 08 Nov 2022 07:34

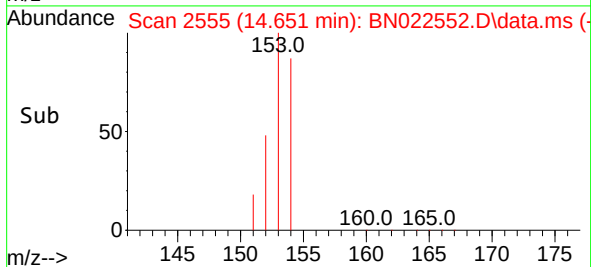
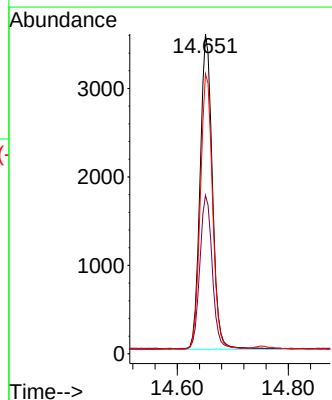
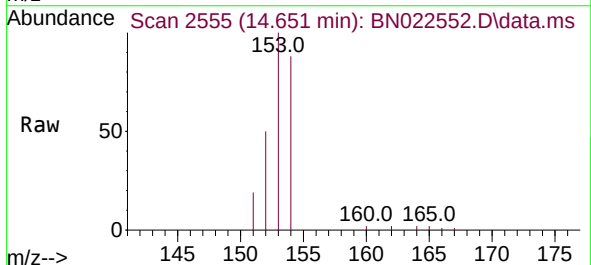
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BNA_N
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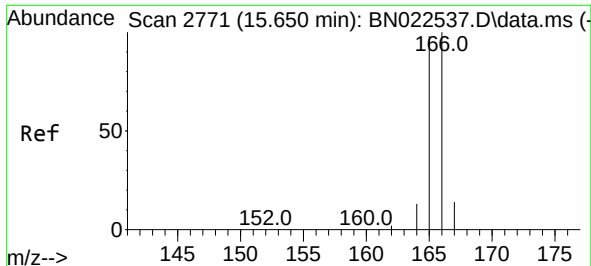
Tgt Ion:152 Resp: 6952
Ion Ratio Lower Upper
152 100
151 21.0 15.9 23.9
153 14.1 10.8 16.2



#11
Acenaphthene
Concen: 0.339 ng/ul
RT: 14.651 min Scan# 2555
Delta R.T. -0.009 min
Lab File: BN022552.D
Acq: 08 Nov 2022 07:34

Tgt Ion:153 Resp: 5412
Ion Ratio Lower Upper
153 100
152 49.6 40.6 61.0
154 87.5 70.6 106.0

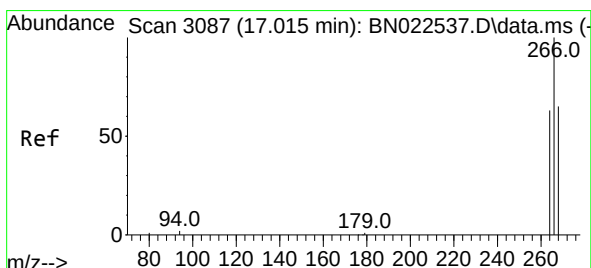
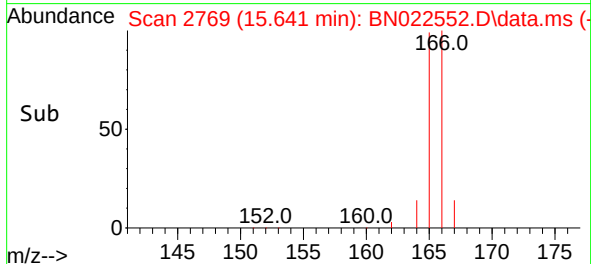
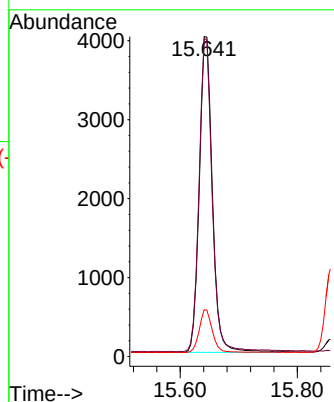
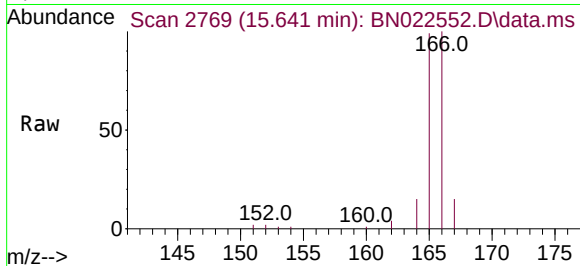




#12
 Fluorene
 Concen: 0.332 ng/ul
 RT: 15.641 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN022552.D
 Acq: 08 Nov 2022 07:34

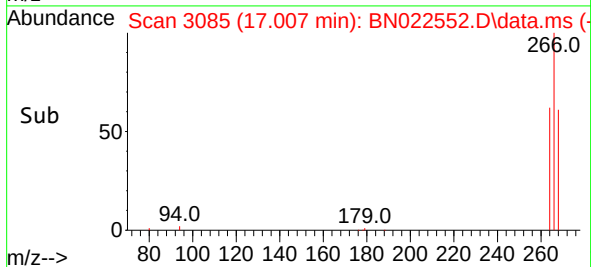
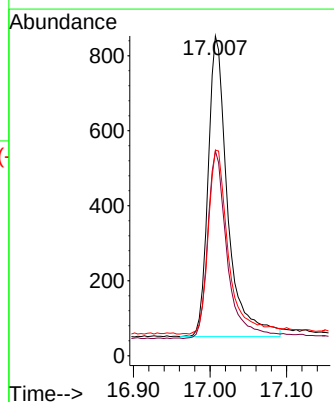
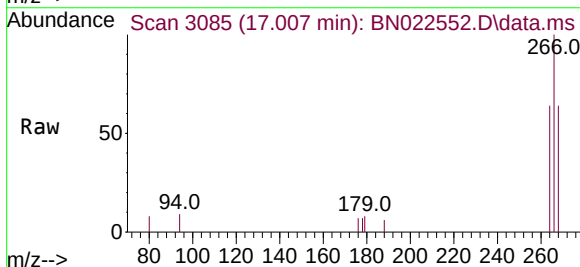
Instrument :
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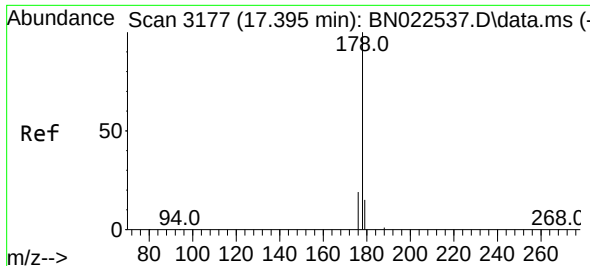
Tgt Ion:	166	Resp:	6155
Ion Ratio	Lower	Upper	
166	100		
165	99.4	78.2	117.2
167	14.7	11.0	16.4



#14
 Pentachlorophenol
 Concen: 0.654 ng/ul
 RT: 17.007 min Scan# 3085
 Delta R.T. -0.004 min
 Lab File: BN022552.D
 Acq: 08 Nov 2022 07:34

Tgt Ion:	266	Resp:	1424
Ion Ratio	Lower	Upper	
266	100		
264	62.4	49.8	74.6
268	63.3	51.4	77.2

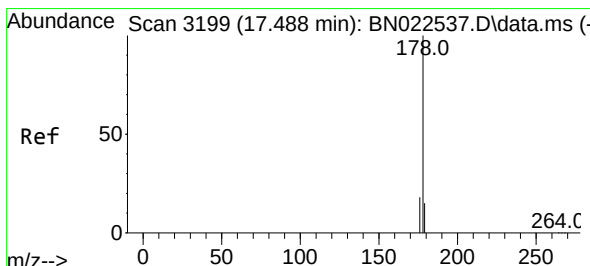
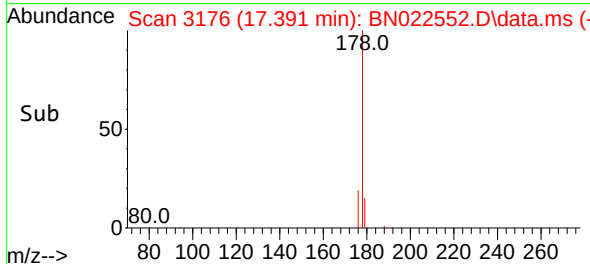
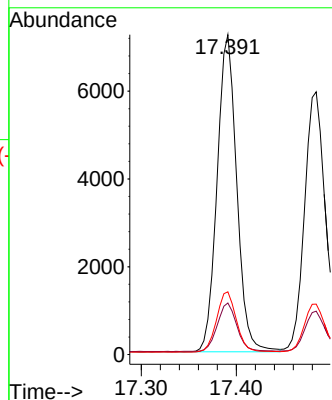
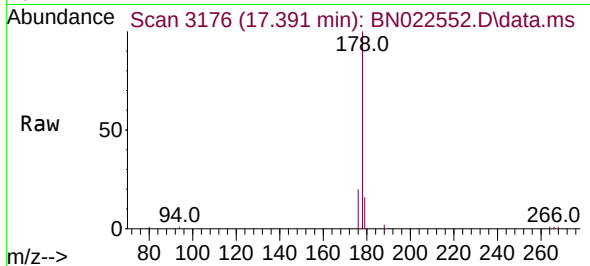




#15
Phenanthrene
Concen: 0.336 ng/ul
RT: 17.391 min Scan# 3177
Delta R.T. -0.004 min
Lab File: BN022552.D
Acq: 08 Nov 2022 07:34

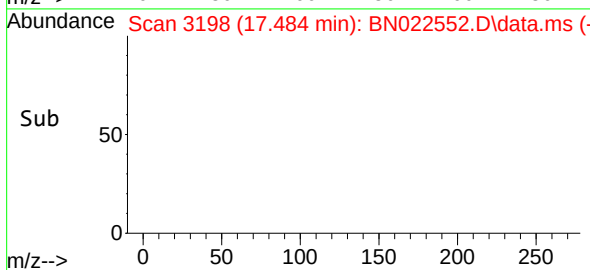
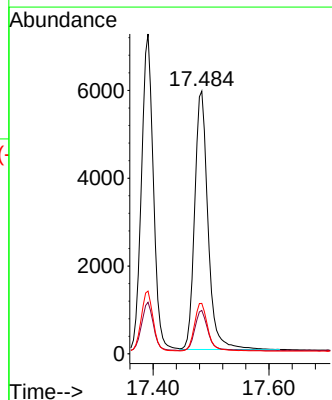
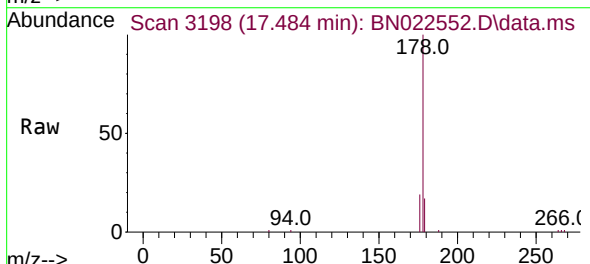
Instrument :
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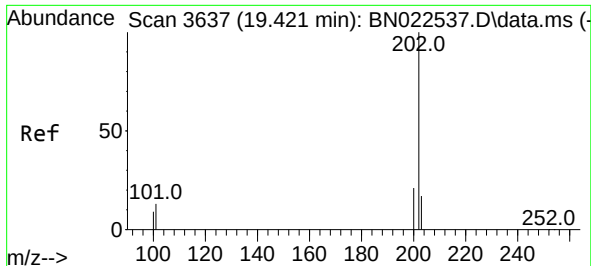
Tgt Ion:178 Resp: 10335
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 19.6 15.4 23.2



#16
Anthracene
Concen: 0.362 ng/ul
RT: 17.484 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BN022552.D
Acq: 08 Nov 2022 07:34

Tgt Ion:178 Resp: 9385
Ion Ratio Lower Upper
178 100
179 16.5 12.6 18.8
176 19.2 15.0 22.6

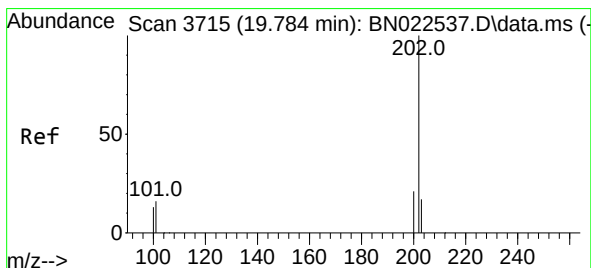
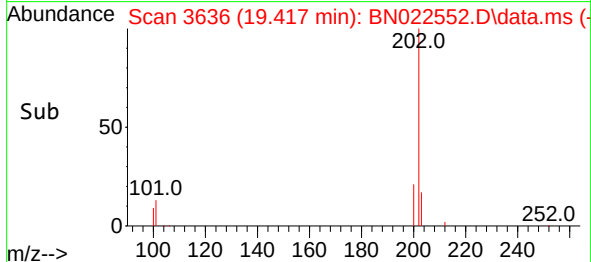
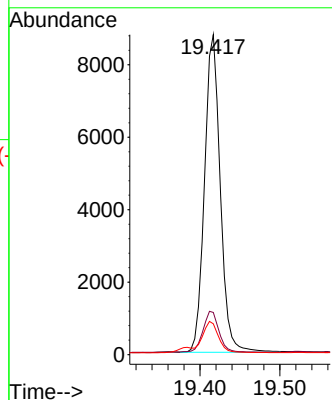
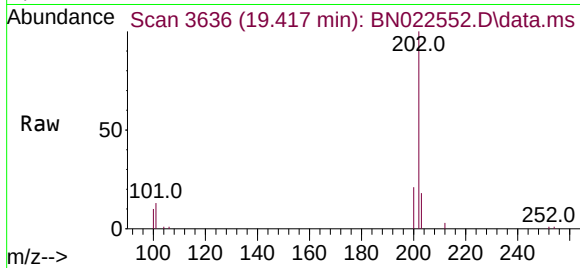




#19
Fluoranthene
Concen: 0.327 ng/ul
RT: 19.417 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN022552.D
Acq: 08 Nov 2022 07:34

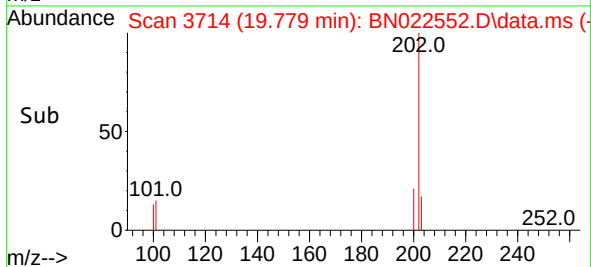
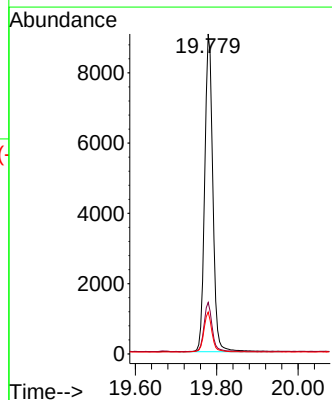
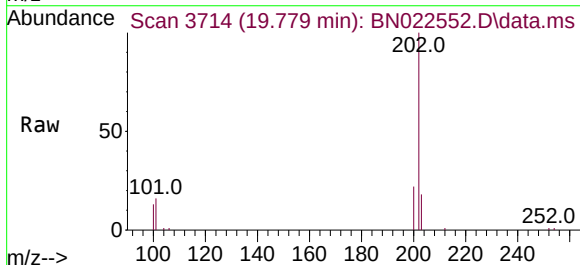
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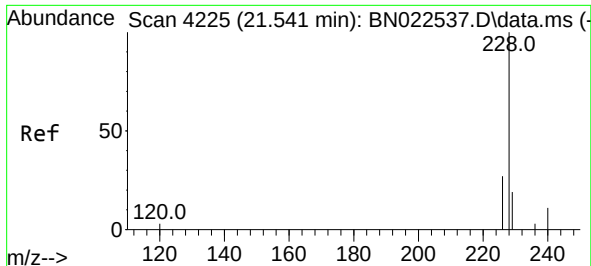
Tgt Ion:202 Resp: 12003
Ion Ratio Lower Upper
202 100
101 13.2 11.8 17.6
100 9.6 8.7 13.1



#20
Pyrene
Concen: 0.338 ng/ul
RT: 19.779 min Scan# 3714
Delta R.T. -0.005 min
Lab File: BN022552.D
Acq: 08 Nov 2022 07:34

Tgt Ion:202 Resp: 12476
Ion Ratio Lower Upper
202 100
101 16.1 13.1 19.7
100 13.1 10.6 16.0

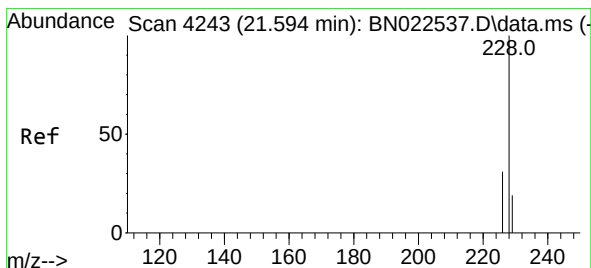
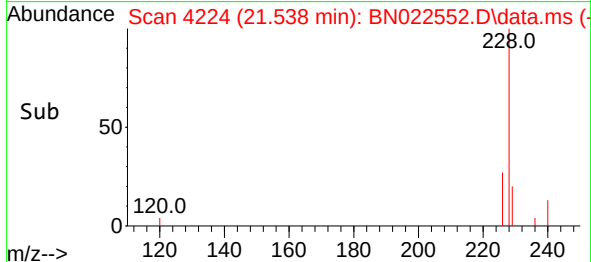
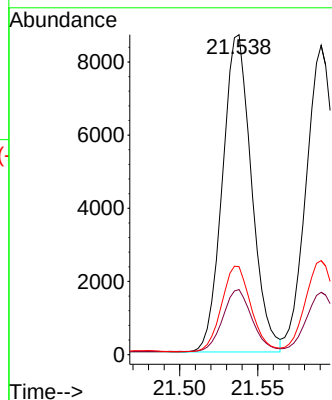
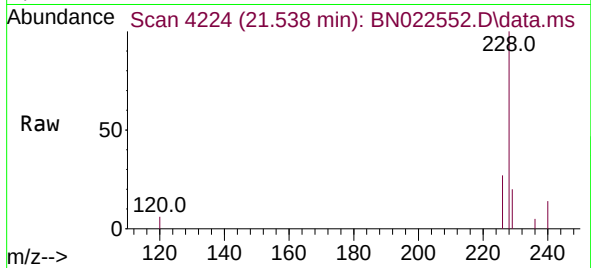




#21
Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.538 min Scan# 4224
Delta R.T. -0.000 min
Lab File: BN022552.D
Acq: 08 Nov 2022 07:34

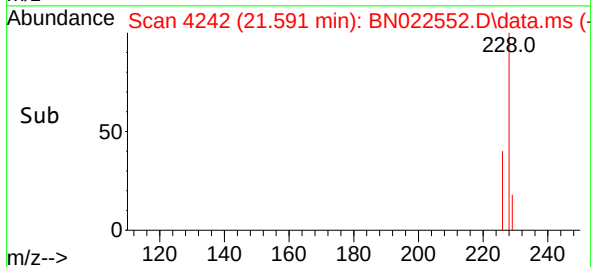
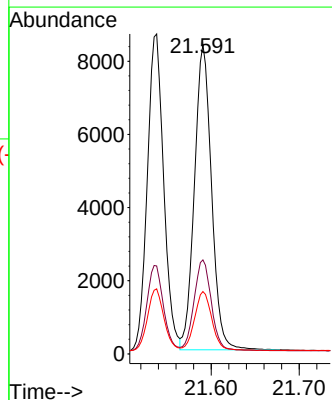
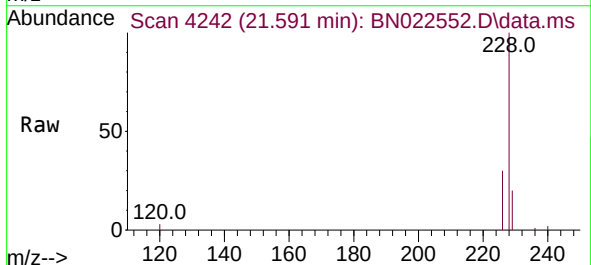
Instrument :
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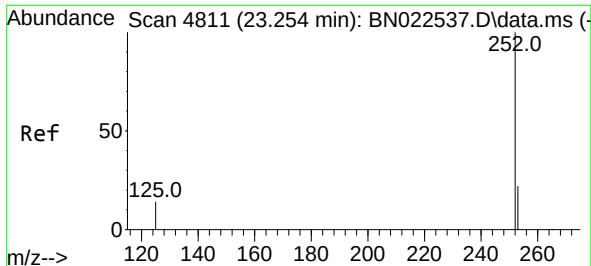
Tgt Ion:228 Resp: 11270
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 27.5 21.5 32.3



#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.591 min Scan# 4242
Delta R.T. -0.003 min
Lab File: BN022552.D
Acq: 08 Nov 2022 07:34

Tgt Ion:228 Resp: 11241
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 20.1 15.9 23.9

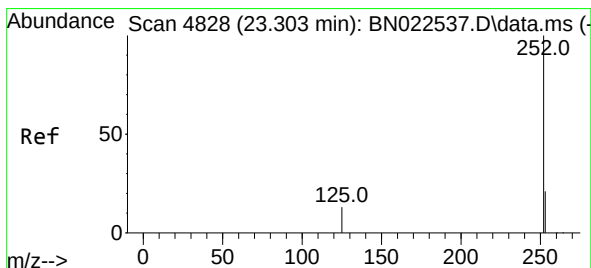
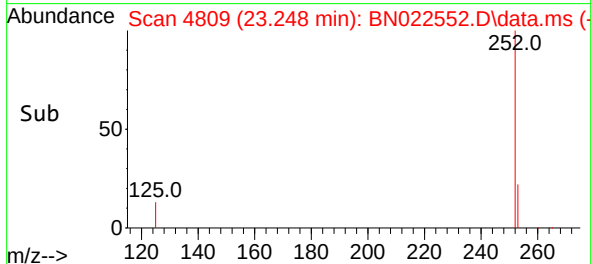
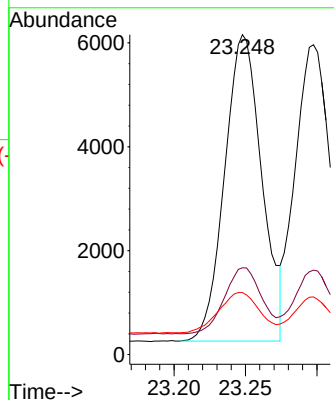
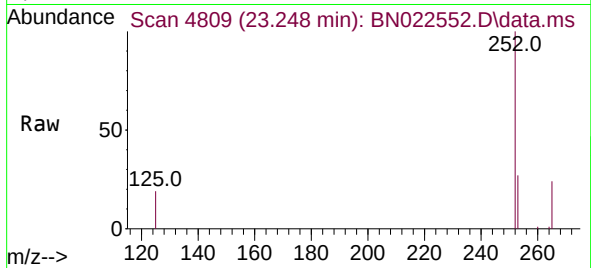




#24
Benzo(b)fluoranthene
Concen: 0.327 ng/ul
RT: 23.248 min Scan# 4811
Delta R.T. -0.003 min
Lab File: BN022552.D
Acq: 08 Nov 2022 07:34

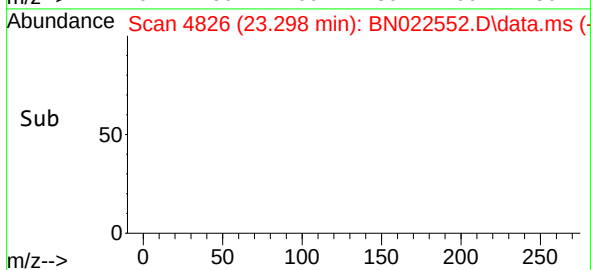
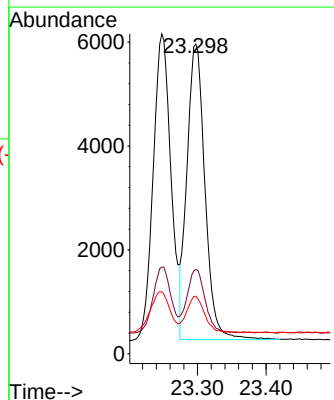
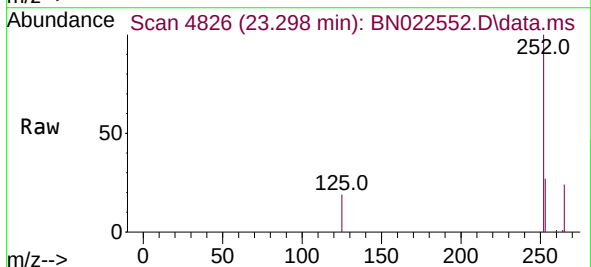
Instrument :
BNA_N
ClientSampleId :
SLCS827

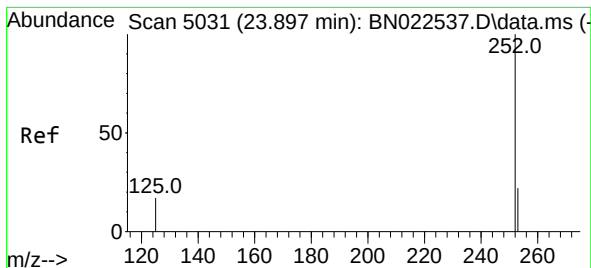
Tgt Ion:252 Resp: 10675
Ion Ratio Lower Upper
252 100
253 27.1 0.0 49.0
125 19.4 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 23.298 min Scan# 4826
Delta R.T. -0.003 min
Lab File: BN022552.D
Acq: 08 Nov 2022 07:34

Tgt Ion:252 Resp: 10345
Ion Ratio Lower Upper
252 100
253 27.2 19.7 29.5
125 18.6 14.0 21.0





#26

Benzo(a)pyrene

Concen: 0.346 ng/ul

RT: 23.891 min Scan# 5031

Delta R.T. -0.003 min

Lab File: BN022552.D

Acq: 08 Nov 2022 07:34

Instrument :

BNA_N

ClientSampleId :

SLCS827

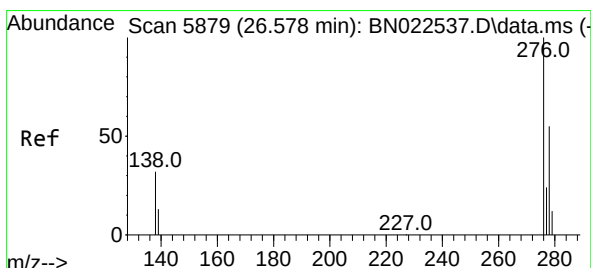
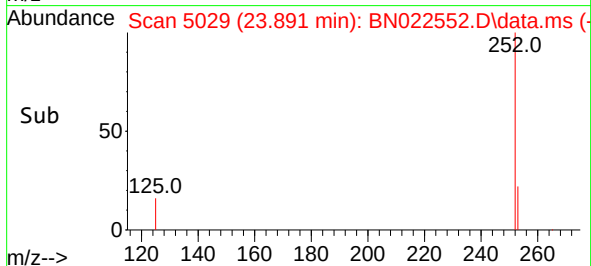
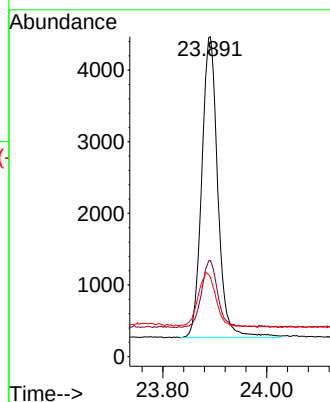
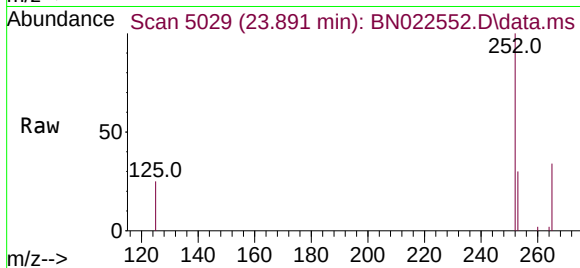
Tgt Ion:252 Resp: 9018

Ion Ratio Lower Upper

252 100

253 30.0 21.0 31.6

125 24.9 17.9 26.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.328 ng/ul

RT: 26.568 min Scan# 5876

Delta R.T. -0.004 min

Lab File: BN022552.D

Acq: 08 Nov 2022 07:34

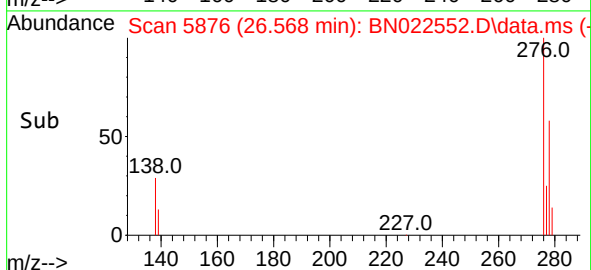
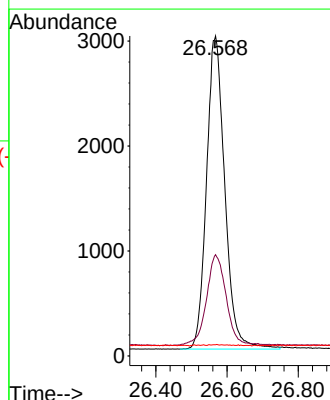
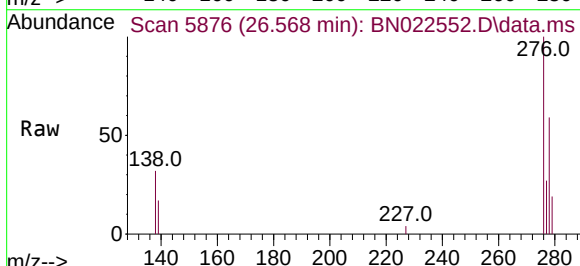
Tgt Ion:276 Resp: 10633

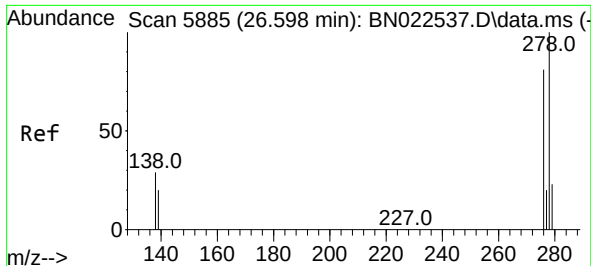
Ion Ratio Lower Upper

276 100

138 31.5 27.7 41.5

227 0.2 0.2 0.2

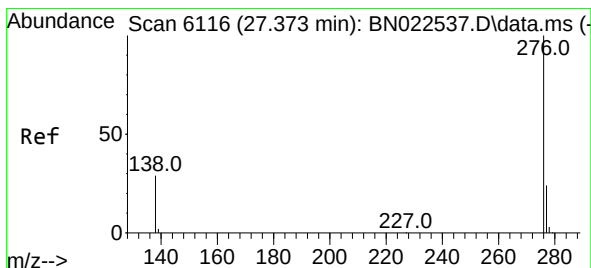
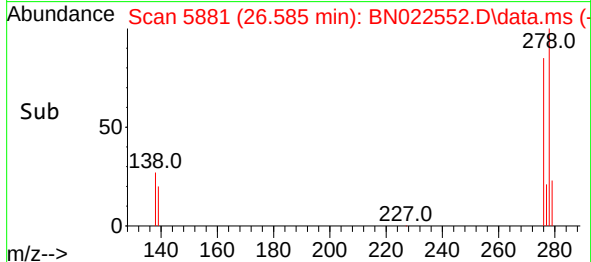
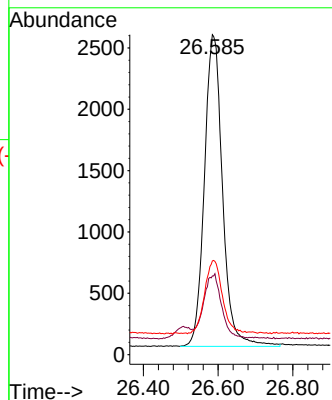
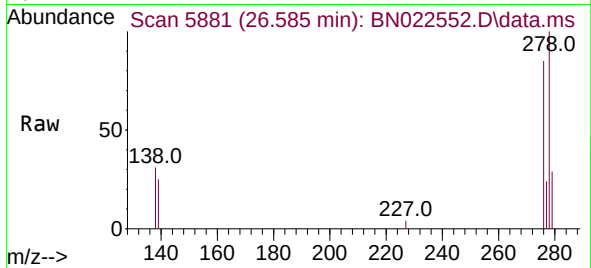




#28
Dibenzo(a,h)anthracene
Concen: 0.331 ng/ul
RT: 26.585 min Scan# 5881
Delta R.T. -0.003 min
Lab File: BN022552.D
Acq: 08 Nov 2022 07:34

Instrument :
BNA_N
ClientSampleId :
SLCS827

Tgt Ion:278 Resp: 8567
Ion Ratio Lower Upper
278 100
139 24.6 19.6 29.4
279 29.3 20.6 30.8



#29
Benzo(g,h,i)perylene
Concen: 0.328 ng/ul
RT: 27.356 min Scan# 6111
Delta R.T. -0.003 min
Lab File: BN022552.D
Acq: 08 Nov 2022 07:34

Tgt Ion:276 Resp: 8655
Ion Ratio Lower Upper
276 100
138 30.1 25.2 37.8
277 27.2 19.9 29.9

