

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028050.D
 Acq On : 05 Oct 2023 15:53
 Operator : MA/JU
 Sample : PB155830BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS830

Quant Time: Oct 05 16:29:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

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

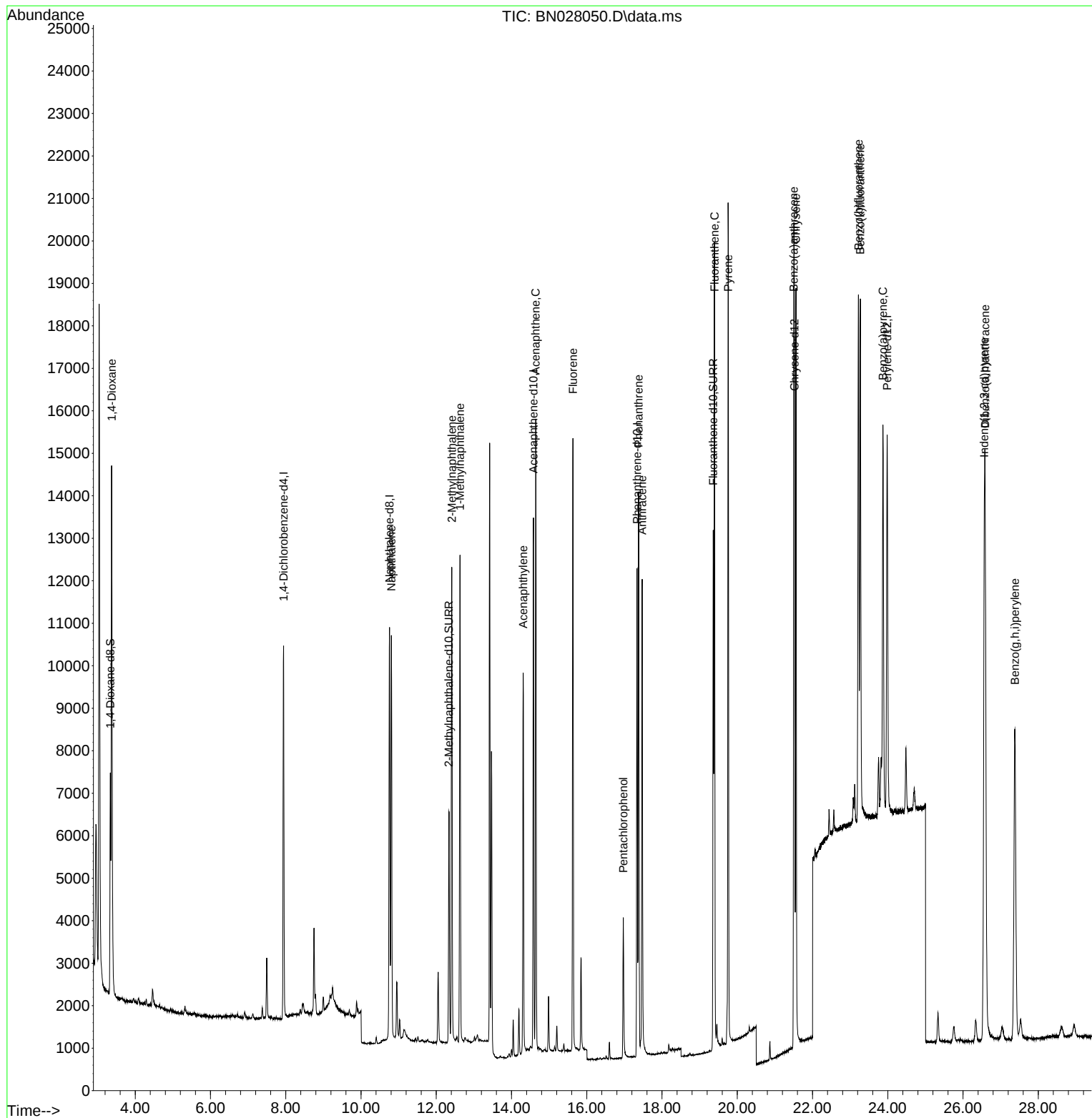
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	4542	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	13282	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.583	164	6966	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	13594	0.400	ng/ul	-0.01
17) Chrysene-d12	21.522	240	11682	0.400	ng/ul	-0.01
23) Perylene-d12	23.983	264	12942	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	4088	0.717	ng/ul	0.01
6) 2-Methylnaphthalene-d10	12.335	152	7171	0.335	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	13371	0.361	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.372	88	10473	1.734	ng/ul	90
5) Naphthalene	10.806	128	13131	0.348	ng/ul	100
7) 2-Methylnaphthalene	12.412	142	8029	0.337	ng/ul	100
8) 1-Methylnaphthalene	12.632	142	8207	0.333	ng/ul	99
10) Acenaphthylene	14.310	152	10739	0.340	ng/ul	99
11) Acenaphthene	14.643	153	8493	0.338	ng/ul	99
12) Fluorene	15.633	166	9254	0.331	ng/ul	99
14) Pentachlorophenol	16.970	266	2344	0.804	ng/ul	99
15) Phenanthrene	17.375	178	14373	0.355	ng/ul	99
16) Anthracene	17.472	178	12737	0.351	ng/ul	99
19) Fluoranthene	19.394	202	16222	0.364	ng/ul	99
20) Pyrene	19.757	202	17006	0.368	ng/ul	98
21) Benzo(a)anthracene	21.504	228	15855	0.372	ng/ul	99
22) Chrysene	21.559	228	16096	0.374	ng/ul	100
24) Benzo(b)fluoranthene	23.220	252	17119	0.357	ng/ul	94
25) Benzo(k)fluoranthene	23.269	252	17513	0.367	ng/ul	94
26) Benzo(a)pyrene	23.872	252	15243	0.373	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.566	276	20789	0.420	ng/ul	100
28) Dibenzo(a,h)anthracene	26.586	278	17024	0.423	ng/ul	98
29) Benzo(g,h,i)perylene	27.378	276	17457	0.431	ng/ul	99

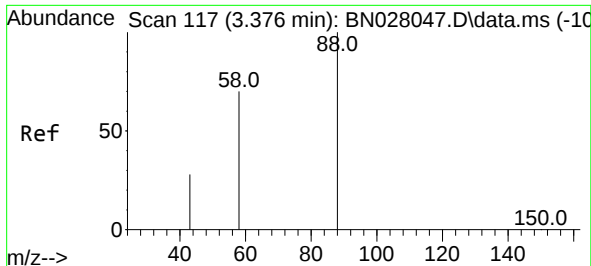
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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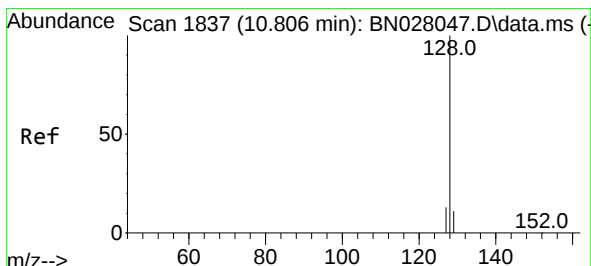
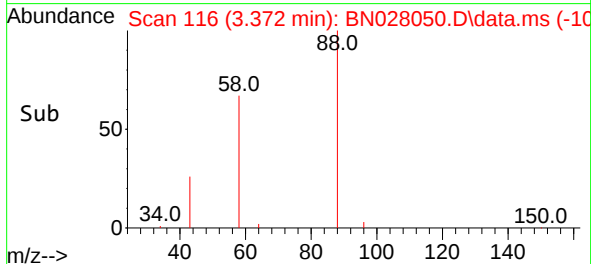
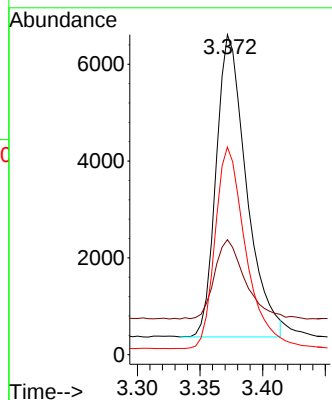
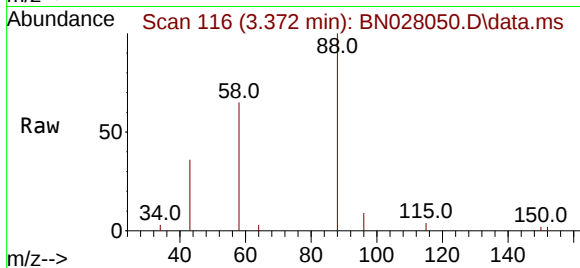




#2
1,4-Dioxane
Concen: 1.734 ng/ul
RT: 3.372 min Scan# 116
Delta R.T. 0.008 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

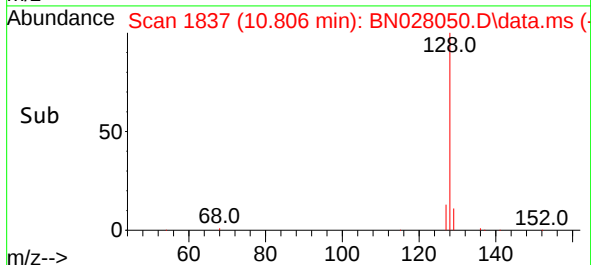
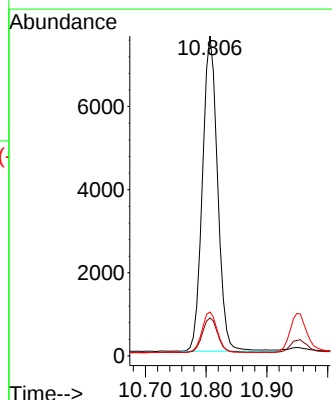
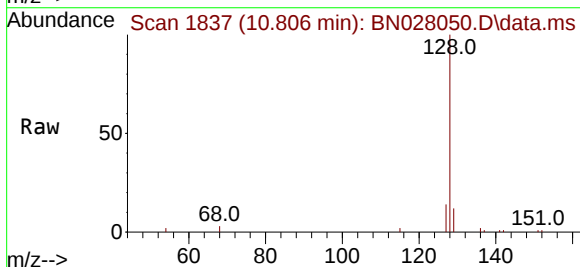
Instrument :
BNA_N
ClientSampleId :
SLCS830

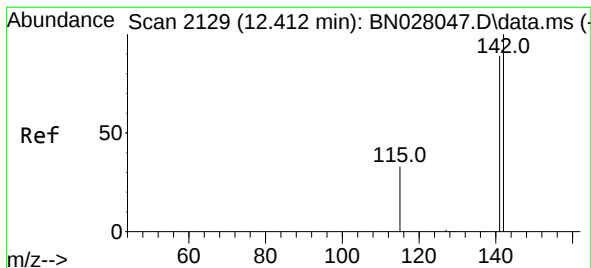
Tgt Ion: 88 Resp: 10473
Ion Ratio Lower Upper
88 100
43 35.9 33.4 50.2
58 64.9 45.7 68.5



#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.011 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

Tgt Ion: 128 Resp: 13131
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.8 11.0 16.4

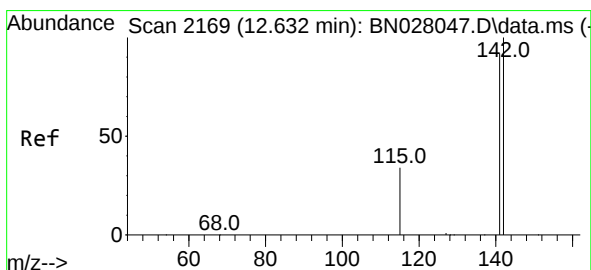
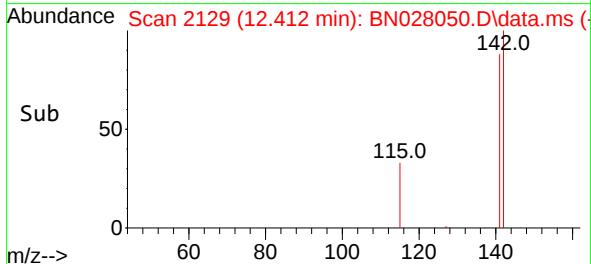
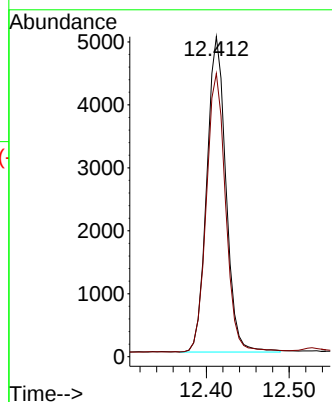
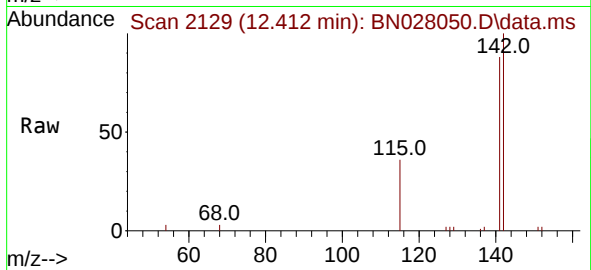




#7
2-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

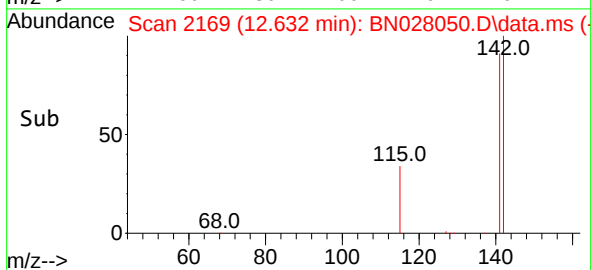
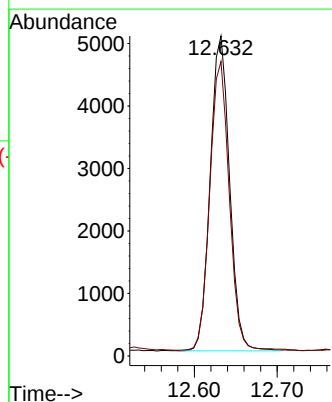
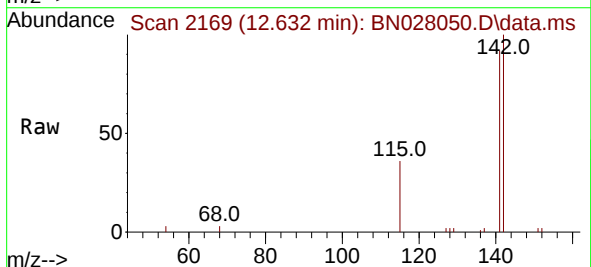
Instrument :
BNA_N
ClientSampleId :
SLCS830

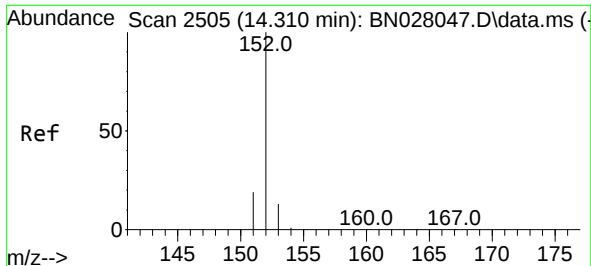
Tgt Ion:142 Resp: 8029
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. -0.011 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

Tgt Ion:142 Resp: 8207
Ion Ratio Lower Upper
142 100
141 91.7 74.4 111.6

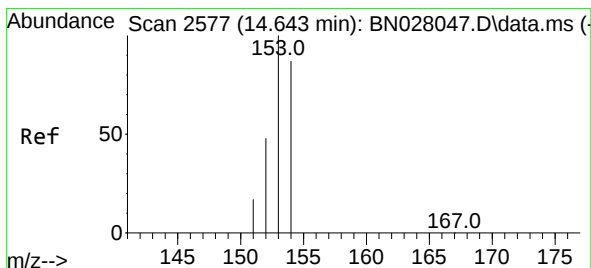
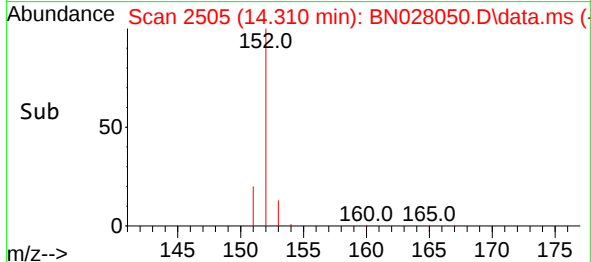
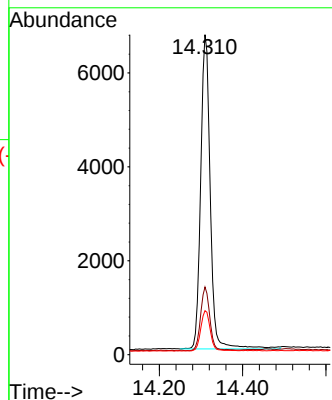
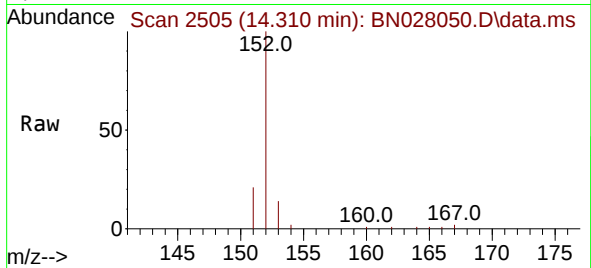




#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

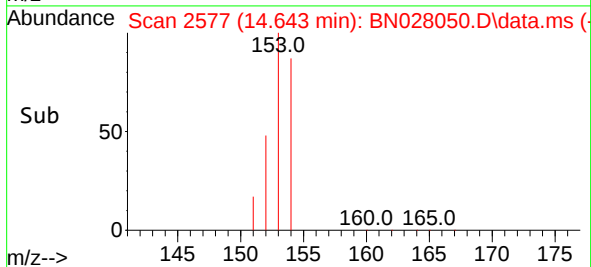
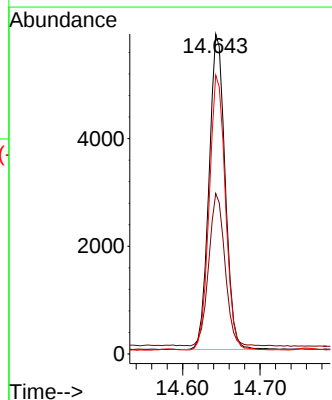
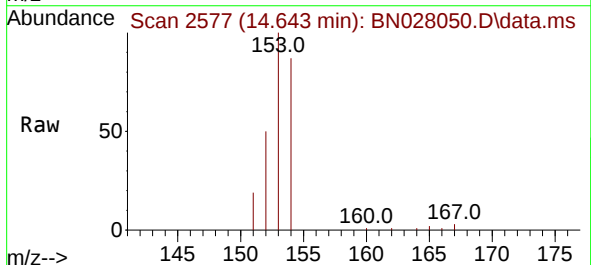
Instrument :
BNA_N
ClientSampleId :
SLCS830

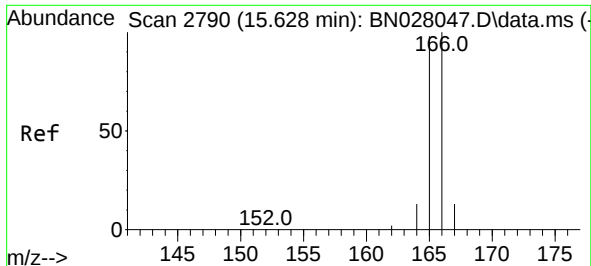
Tgt Ion:152 Resp: 10739
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 13.8 10.9 16.3



#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.643 min Scan# 2577
Delta R.T. -0.014 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

Tgt Ion:153 Resp: 8493
Ion Ratio Lower Upper
153 100
152 50.2 39.4 59.0
154 87.2 70.2 105.4

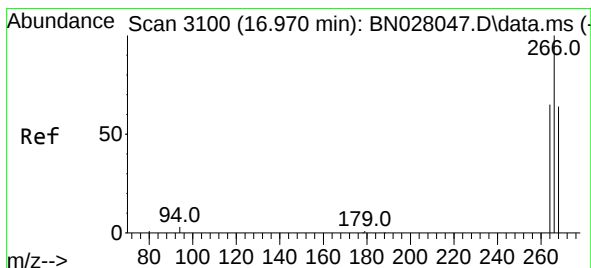
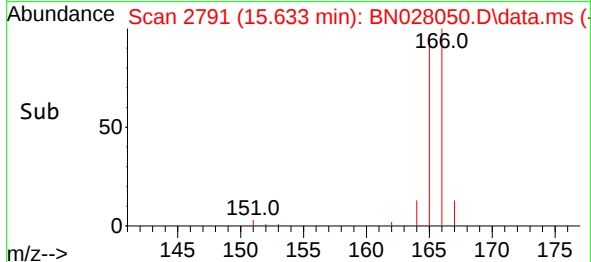
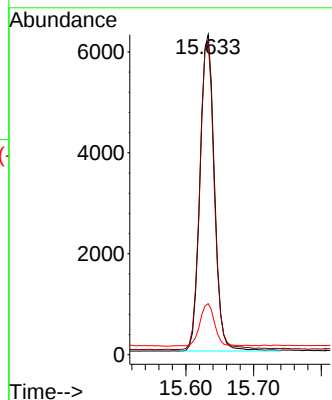
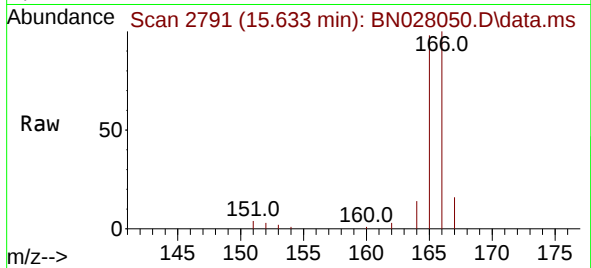




#12
 Fluorene
 Concen: 0.331 ng/ul
 RT: 15.633 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN028050.D
 Acq: 05 Oct 2023 15:53

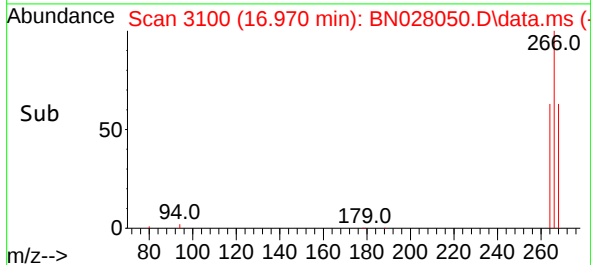
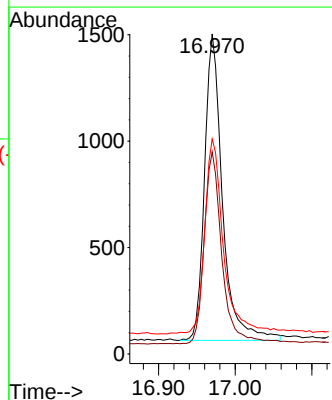
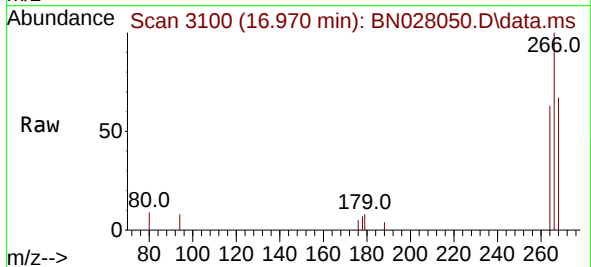
Instrument :
 BNA_N
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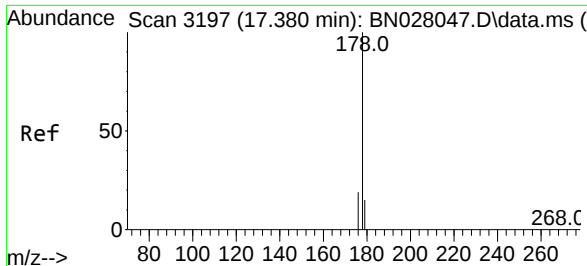
Tgt Ion:166 Resp: 9254
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.5 117.7
 167 15.9 11.2 16.8



#14
 Pentachlorophenol
 Concen: 0.804 ng/ul
 RT: 16.970 min Scan# 3100
 Delta R.T. -0.017 min
 Lab File: BN028050.D
 Acq: 05 Oct 2023 15:53

Tgt Ion:266 Resp: 2344
 Ion Ratio Lower Upper
 266 100
 264 61.9 49.6 74.4
 268 67.4 52.2 78.4

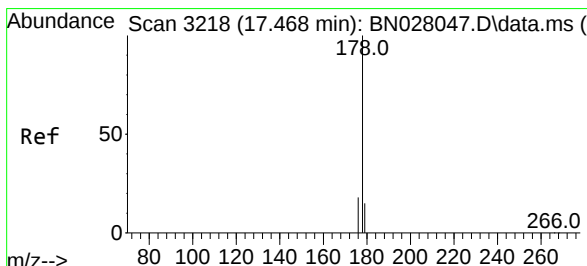
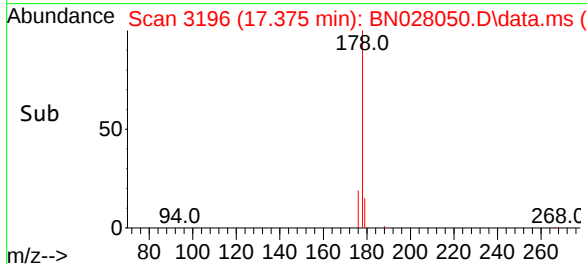
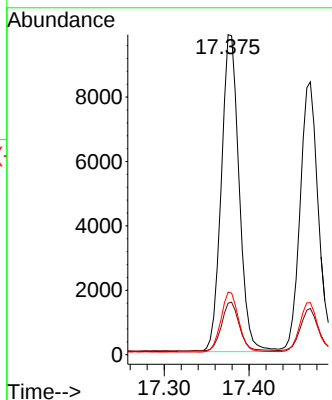
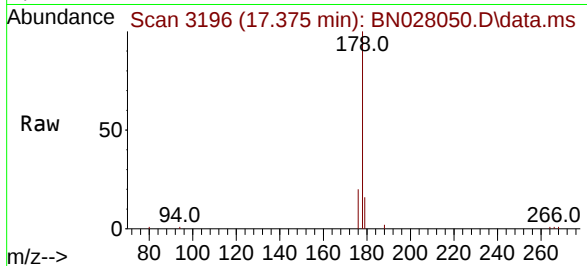




#15
Phenanthrene
Concen: 0.355 ng/ul
RT: 17.375 min Scan# 3196
Delta R.T. -0.013 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

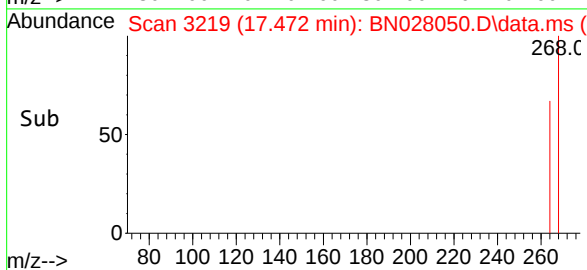
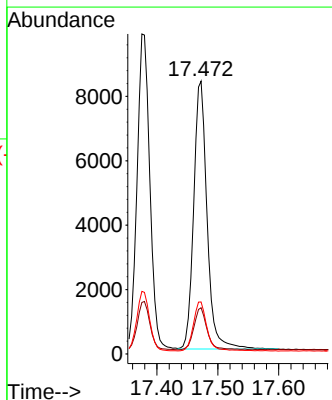
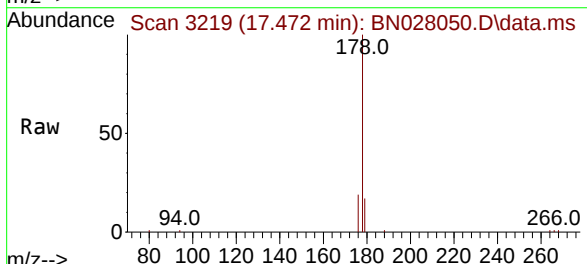
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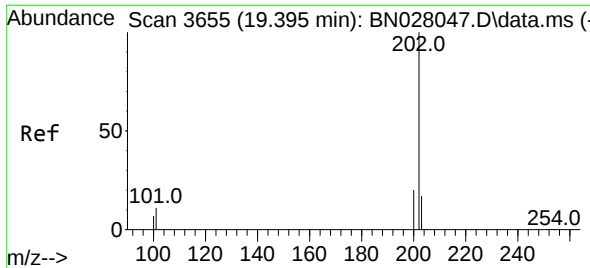
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Ion Ratio	Lower	Upper
178	100	
179	16.1	12.6 19.0
176	19.6	15.5 23.3



#16
Anthracene
Concen: 0.351 ng/ul
RT: 17.472 min Scan# 3219
Delta R.T. -0.008 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

Tgt Ion:178	Resp:	12737
Ion Ratio	Lower	Upper
178	100	
179	17.0	12.8 19.2
176	19.1	15.0 22.6

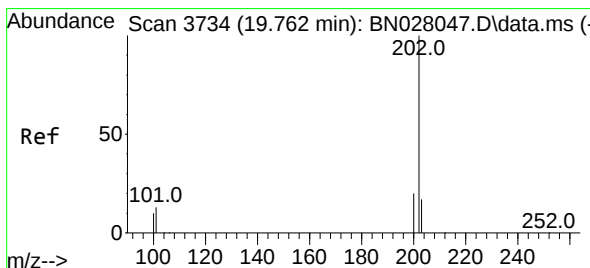
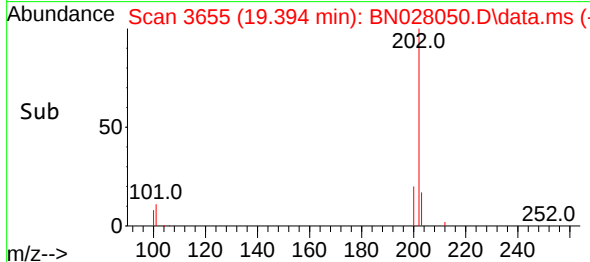
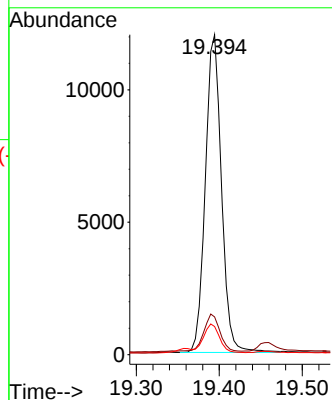
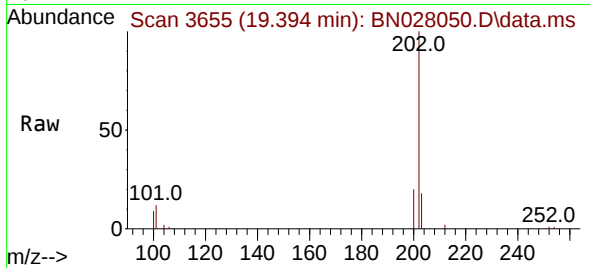




#19
Fluoranthene
Concen: 0.364 ng/ul
RT: 19.394 min Scan# 30
Delta R.T. -0.009 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

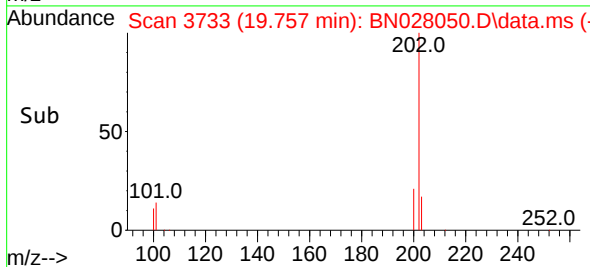
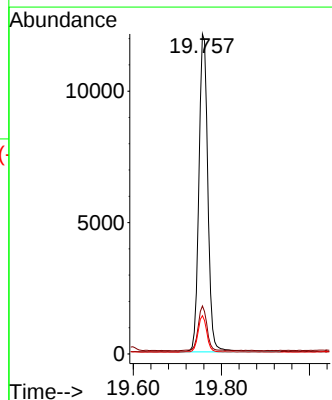
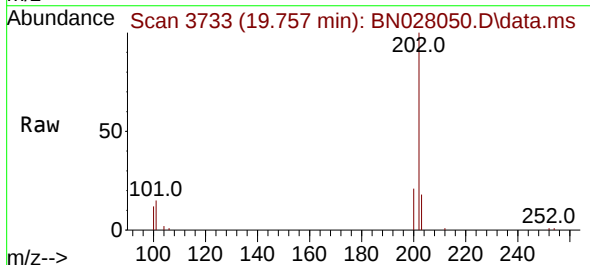
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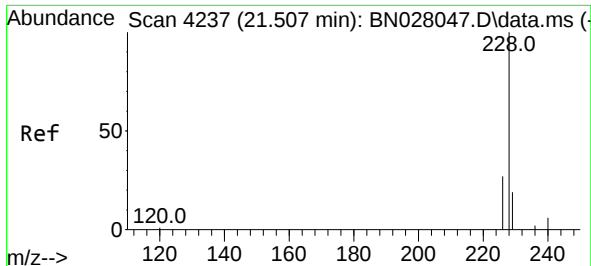
Tgt Ion:202 Resp: 16222
Ion Ratio Lower Upper
202 100
101 11.8 9.6 14.4
100 8.8 7.4 11.0



#20
Pyrene
Concen: 0.368 ng/ul
RT: 19.757 min Scan# 3733
Delta R.T. -0.014 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

Tgt Ion:202 Resp: 17006
Ion Ratio Lower Upper
202 100
101 15.0 11.2 16.8
100 12.0 9.1 13.7

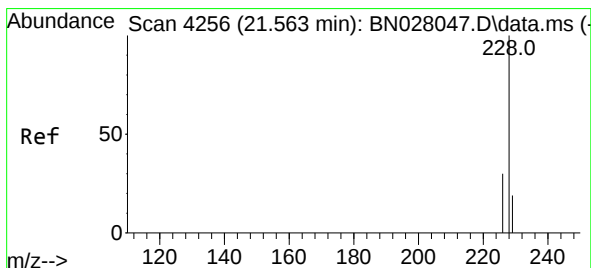
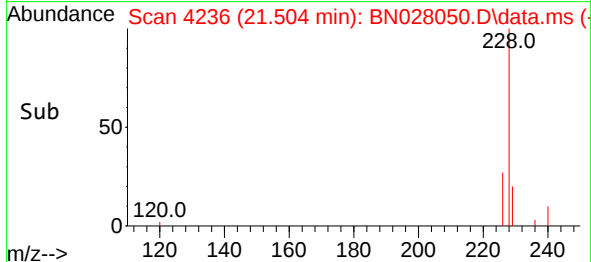
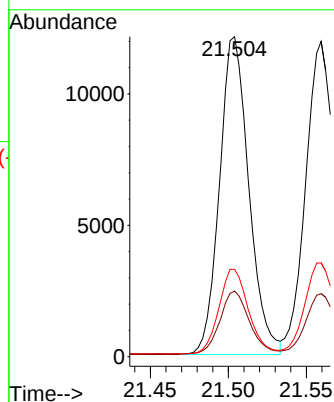
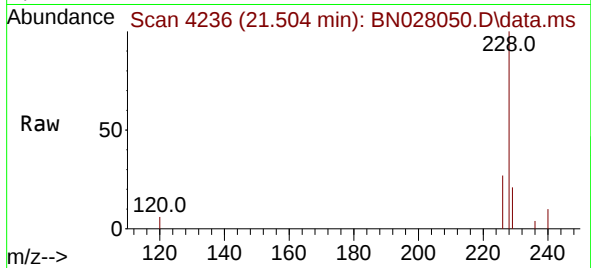




#21
Benzo(a)anthracene
Concen: 0.372 ng/ul
RT: 21.504 min Scan# 41
Delta R.T. -0.014 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

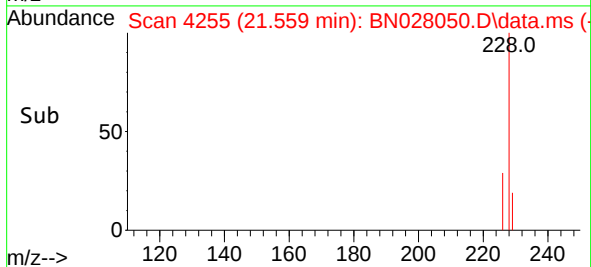
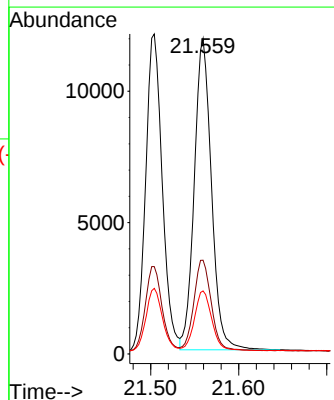
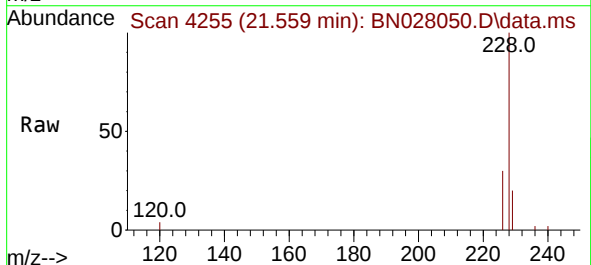
Instrument :
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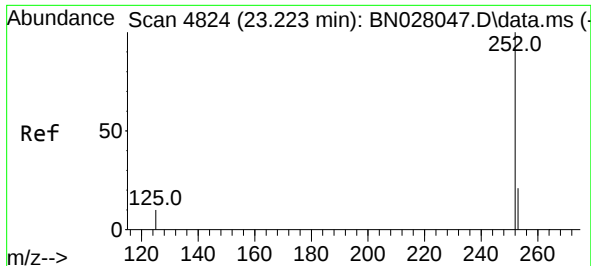
Tgt Ion:228 Resp: 15855
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 27.3 21.5 32.3



#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.559 min Scan# 4255
Delta R.T. -0.014 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

Tgt Ion:228 Resp: 16096
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.8
229 20.0 16.0 24.0

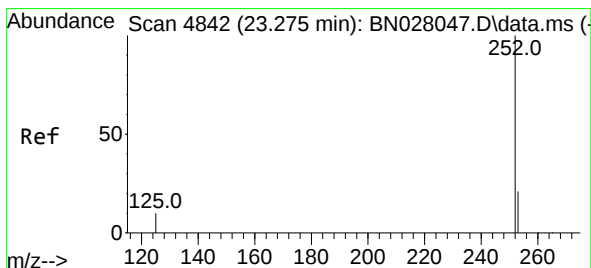
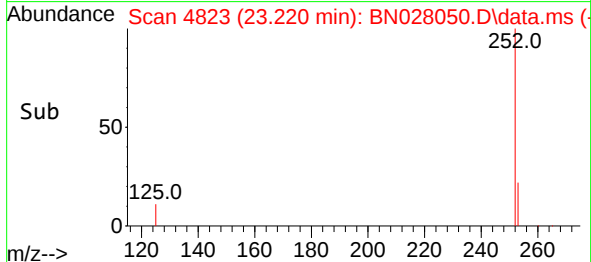
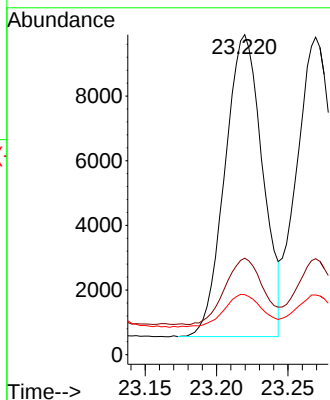
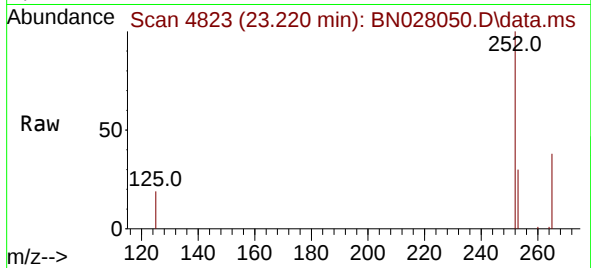




#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul
RT: 23.220 min Scan# 4823
Delta R.T. -0.020 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

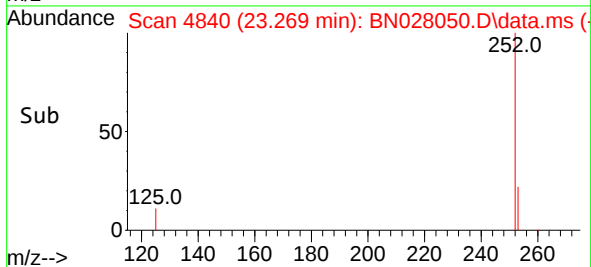
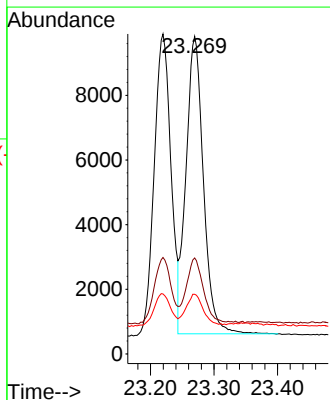
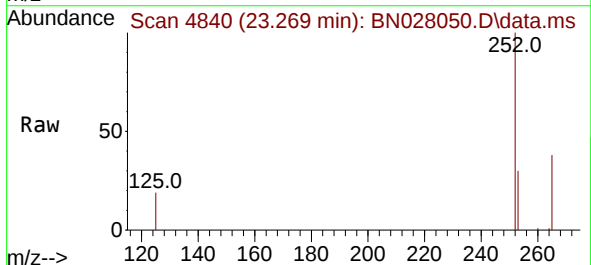
Instrument :
BNA_N
ClientSampleId :
SLCS830

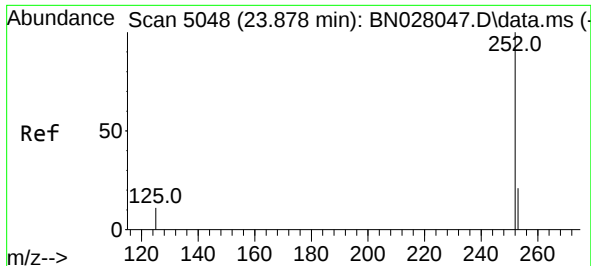
Tgt Ion:252 Resp: 17119
Ion Ratio Lower Upper
252 100
253 30.1 0.0 54.0
125 18.7 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.367 ng/ul
RT: 23.269 min Scan# 4840
Delta R.T. -0.020 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

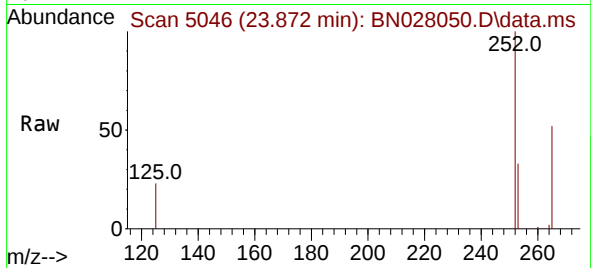
Tgt Ion:252 Resp: 17513
Ion Ratio Lower Upper
252 100
253 30.2 21.8 32.8
125 18.8 12.8 19.2



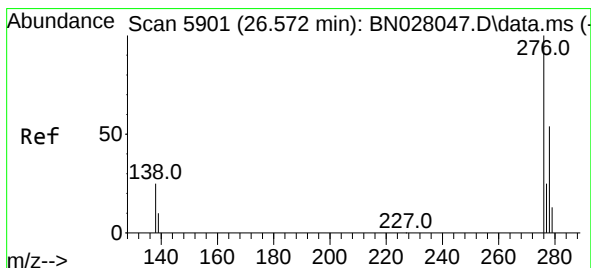
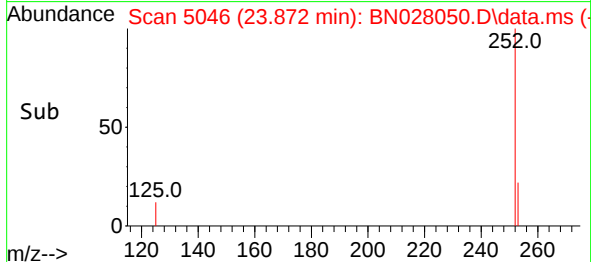
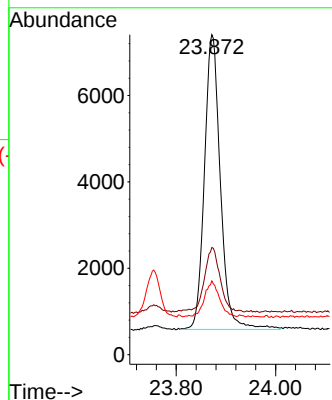


#26
Benzo(a)pyrene
Concen: 0.373 ng/ul
RT: 23.872 min Scan# 5046
Delta R.T. -0.023 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

Instrument :
BNA_N
ClientSampleId :
SLCS830

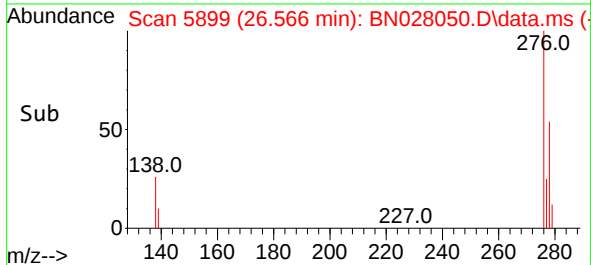
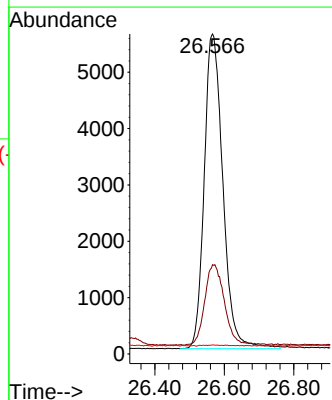
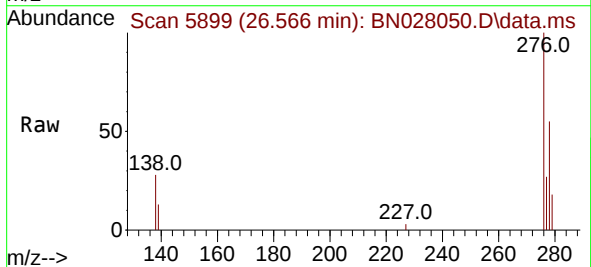


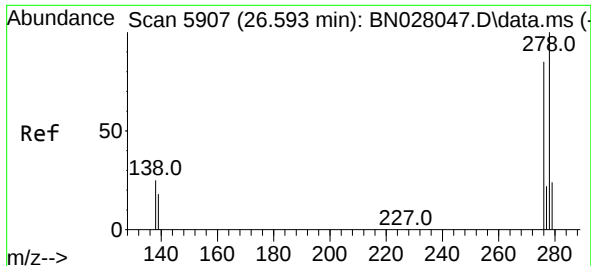
Tgt Ion:252 Resp: 15243
Ion Ratio Lower Upper
252 100
253 33.5 23.4 35.2
125 23.0 15.3 22.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng/ul
RT: 26.566 min Scan# 5899
Delta R.T. -0.036 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

Tgt Ion:276 Resp: 20789
Ion Ratio Lower Upper
276 100
138 27.1 21.6 32.4
227 0.2 0.2 0.2

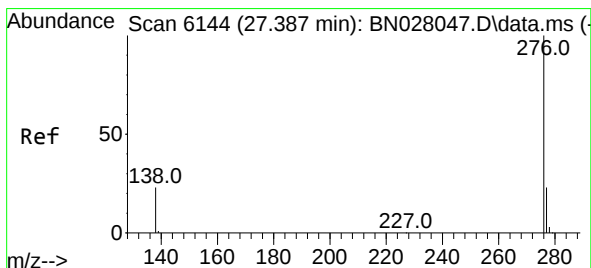
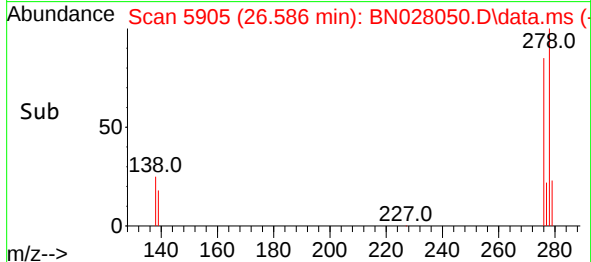
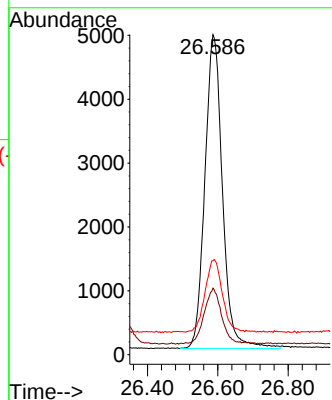
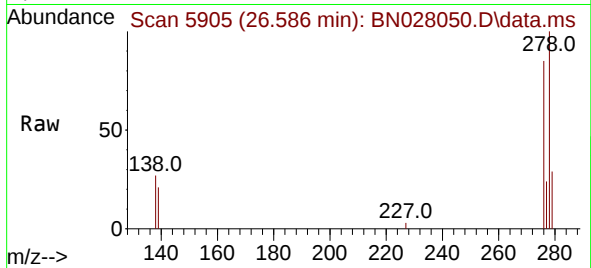




#28
Dibenzo(a,h)anthracene
Concen: 0.423 ng/ul
RT: 26.586 min Scan# 5905
Delta R.T. -0.033 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

Instrument :
BNA_N
ClientSampleId :
SLCS830

Tgt Ion:278 Resp: 17024
Ion Ratio Lower Upper
278 100
139 20.8 15.9 23.9
279 29.4 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.431 ng/ul
RT: 27.378 min Scan# 6141
Delta R.T. -0.043 min
Lab File: BN028050.D
Acq: 05 Oct 2023 15:53

Tgt Ion:276 Resp: 17457
Ion Ratio Lower Upper
276 100
138 25.6 19.8 29.6
277 26.2 20.6 31.0

