

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100323\
 Data File : BN028024.D
 Acq On : 04 Oct 2023 00:02
 Operator : MA/JU
 Sample : PB155818BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS818

Quant Time: Oct 04 04:09:25 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)

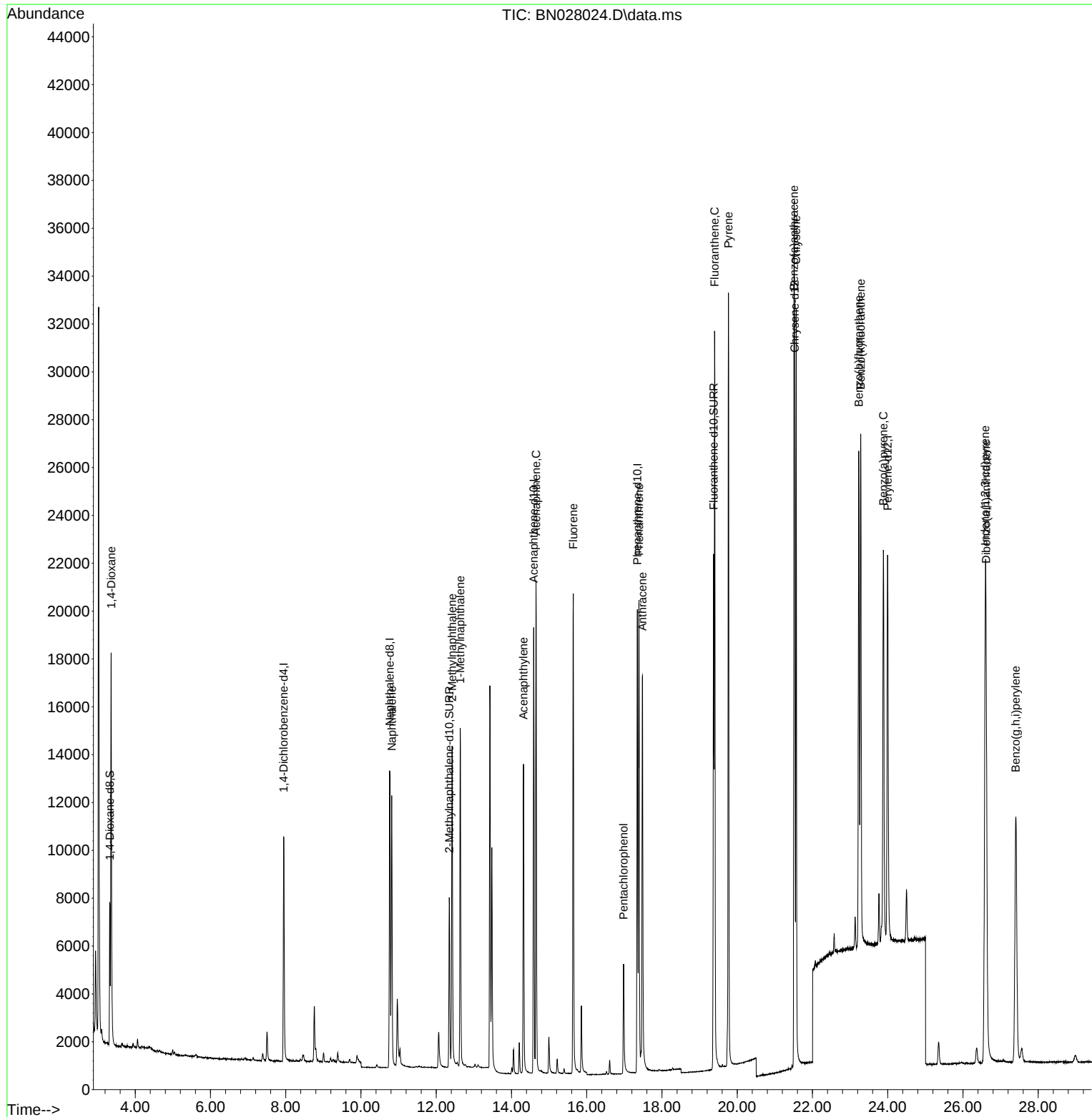
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	5251	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	18061	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.592	164	10638	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	23132	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	22535	0.400	ng/ul	0.00
23) Perylene-d12	23.997	264	24251	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	4048	0.614	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	9908	0.340	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	24526	0.343	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.359	88	12140	1.738	ng/ul#	86
5) Naphthalene	10.817	128	16102	0.314	ng/ul	100
7) 2-Methylnaphthalene	12.423	142	10442	0.323	ng/ul	99
8) 1-Methylnaphthalene	12.638	142	10242	0.306	ng/ul	100
10) Acenaphthylene	14.319	152	15749	0.326	ng/ul	100
11) Acenaphthene	14.652	153	12179	0.317	ng/ul	100
12) Fluorene	15.642	166	13809	0.323	ng/ul	99
14) Pentachlorophenol	16.978	266	3670	0.740	ng/ul	100
15) Phenanthrene	17.388	178	22711	0.329	ng/ul	100
16) Anthracene	17.481	178	20296	0.329	ng/ul	100
19) Fluoranthene	19.399	202	27317	0.317	ng/ul	99
20) Pyrene	19.766	202	28553	0.320	ng/ul	100
21) Benzo(a)anthracene	21.510	228	28039	0.341	ng/ul	100
22) Chrysene	21.565	228	28495	0.343	ng/ul	100
24) Benzo(b)fluoranthene	23.231	252	29291	0.326	ng/ul	99
25) Benzo(k)fluoranthene	23.281	252	30449	0.340	ng/ul	98
26) Benzo(a)pyrene	23.883	252	27526	0.359	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.592	276	31549	0.340	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.613	278	25895	0.343	ng/ul	98
29) Benzo(g,h,i)perylene	27.404	276	25287	0.333	ng/ul	99

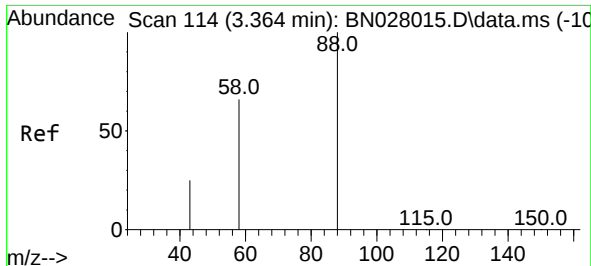
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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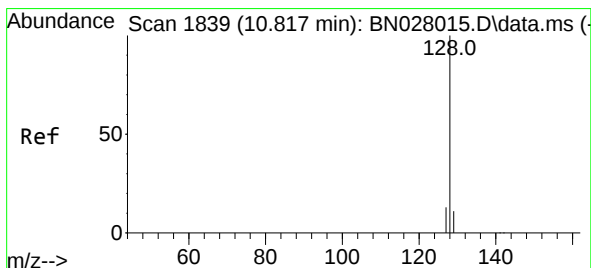
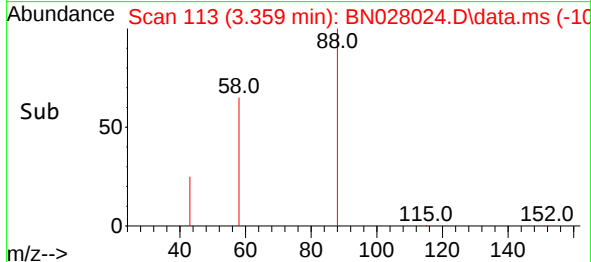
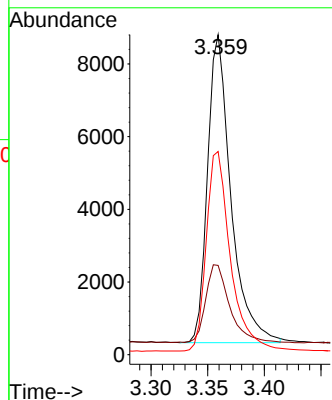
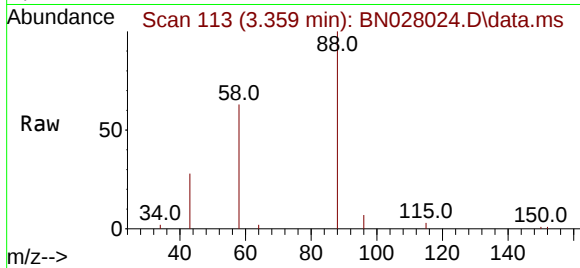




#2
1,4-Dioxane
Concen: 1.738 ng/ul
RT: 3.359 min Scan# 113
Delta R.T. -0.004 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

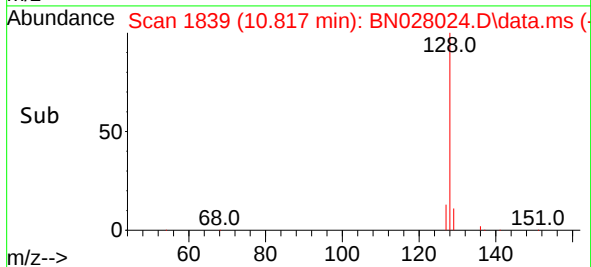
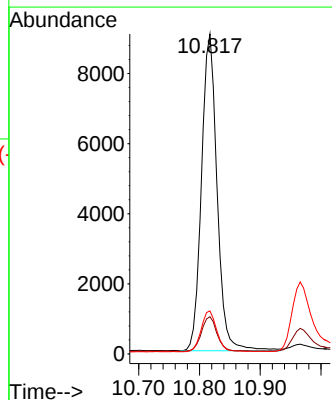
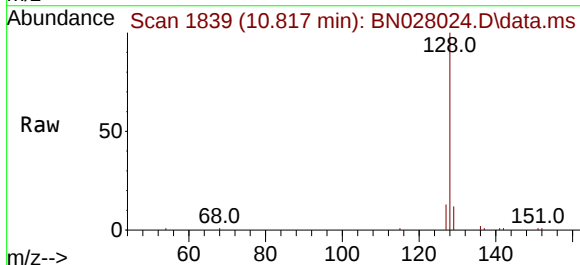
Instrument :
BNA_N
ClientSampleId :
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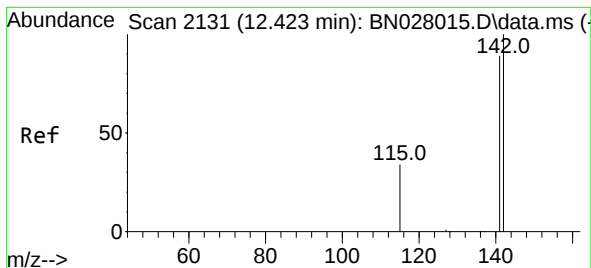
Tgt Ion: 88 Resp: 12140
Ion Ratio Lower Upper
88 100
43 27.9 33.4 50.2#
58 63.5 45.7 68.5



#5
Naphthalene
Concen: 0.314 ng/ul
RT: 10.817 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

Tgt Ion:128 Resp: 16102
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.4 11.0 16.4

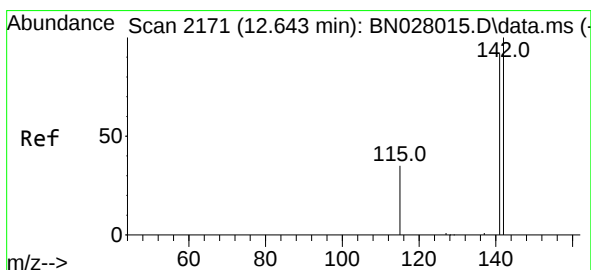
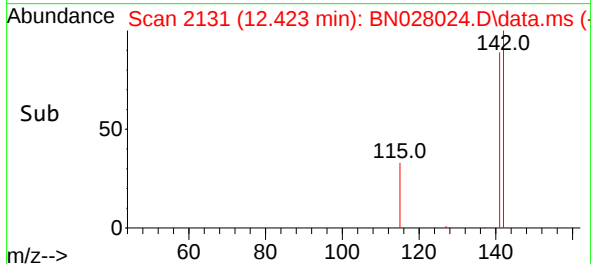
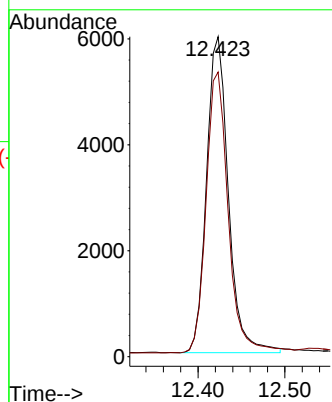
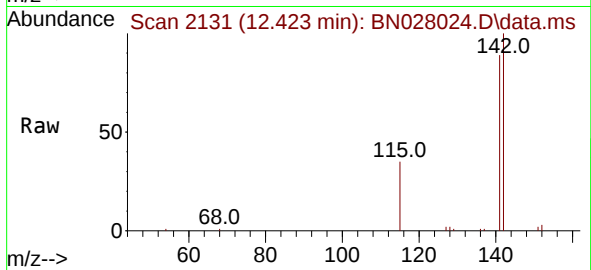




#7
2-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.423 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

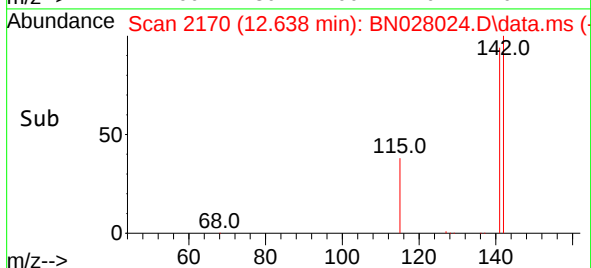
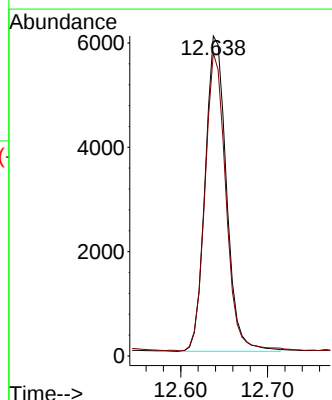
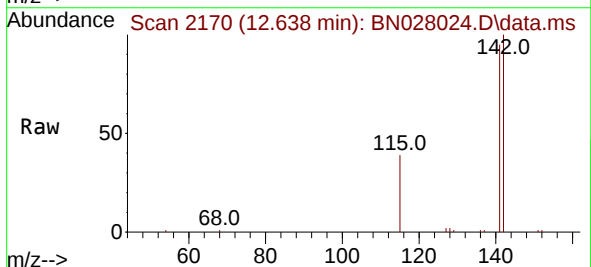
Instrument :
BNA_N
ClientSampleId :
SLCS818

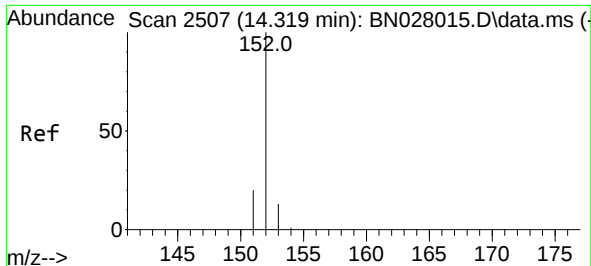
Tgt Ion:142 Resp: 10442
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.638 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

Tgt Ion:142 Resp: 10242
Ion Ratio Lower Upper
142 100
141 93.1 74.4 111.6

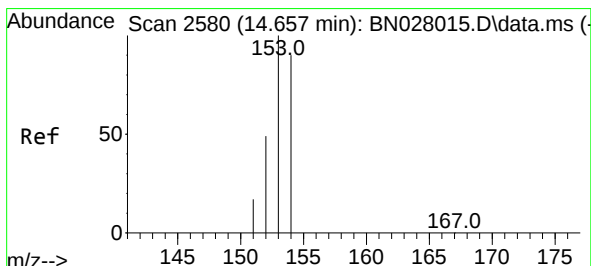
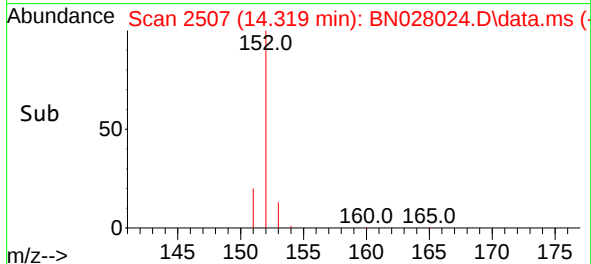
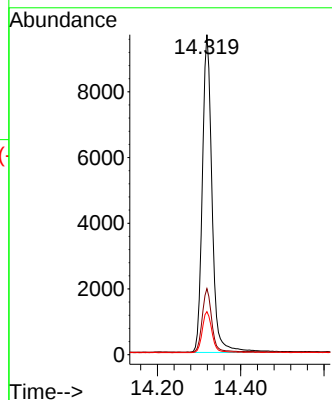
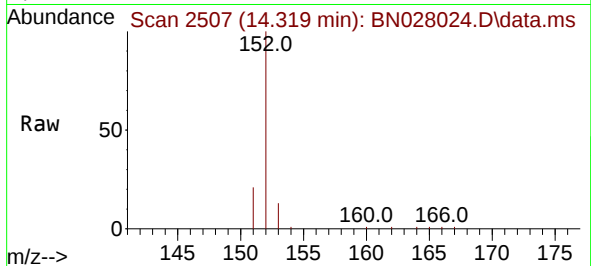




#10
Acenaphthylene
Concen: 0.326 ng/ul
RT: 14.319 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

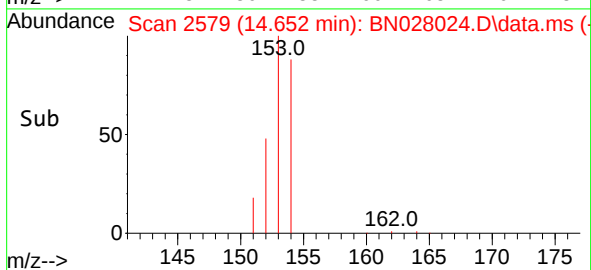
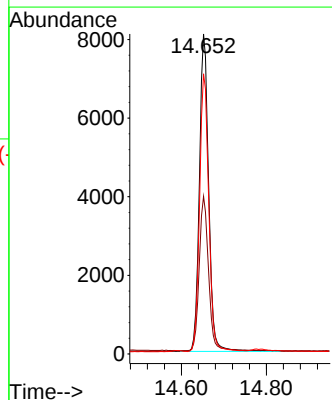
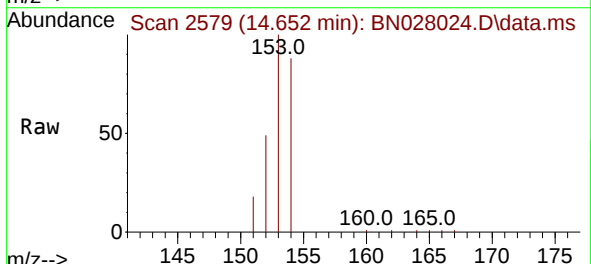
Instrument :
BNA_N
ClientSampleId :
SLCS818

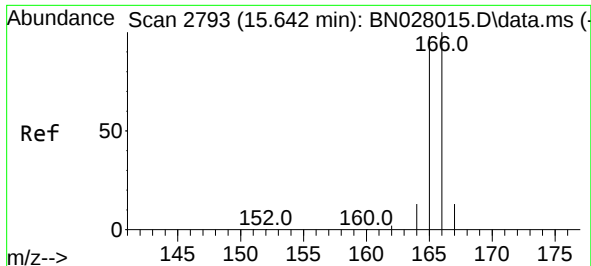
Tgt Ion:152 Resp: 15749
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.4 10.9 16.3



#11
Acenaphthene
Concen: 0.317 ng/ul
RT: 14.652 min Scan# 2579
Delta R.T. -0.005 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

Tgt Ion:153 Resp: 12179
Ion Ratio Lower Upper
153 100
152 49.2 39.4 59.0
154 87.5 70.2 105.4

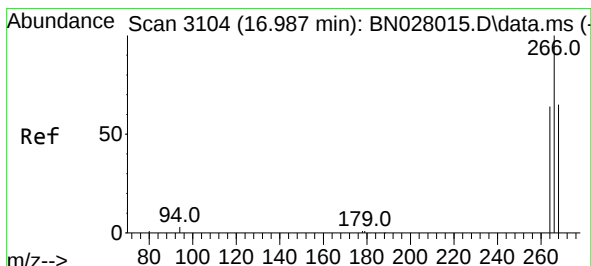
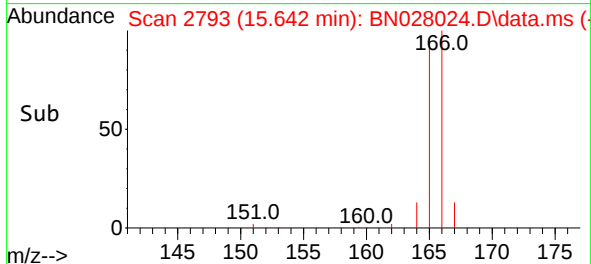
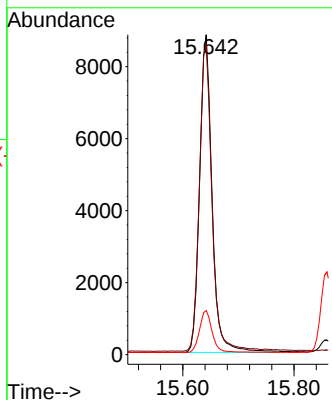
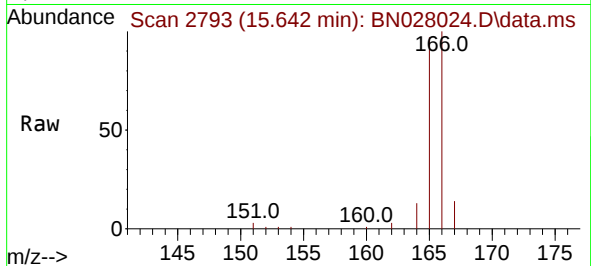




#12
Fluorene
Concen: 0.323 ng/ul
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

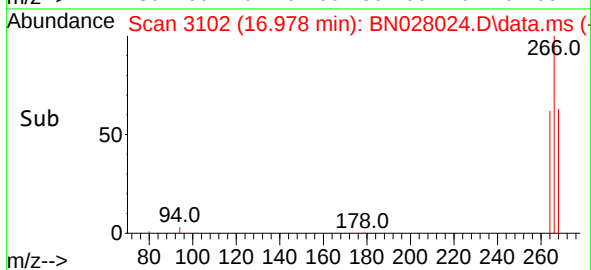
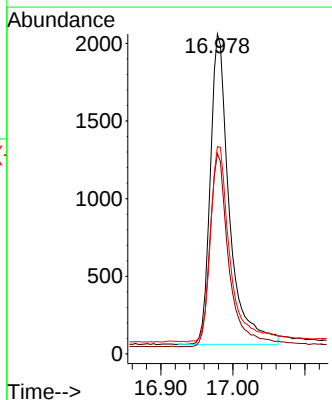
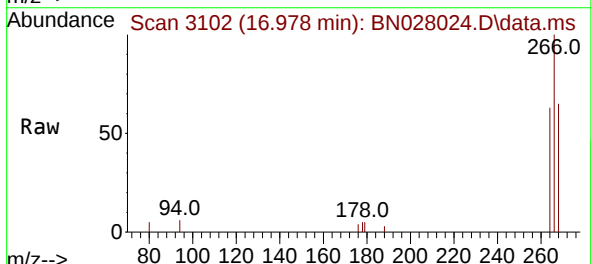
Instrument :
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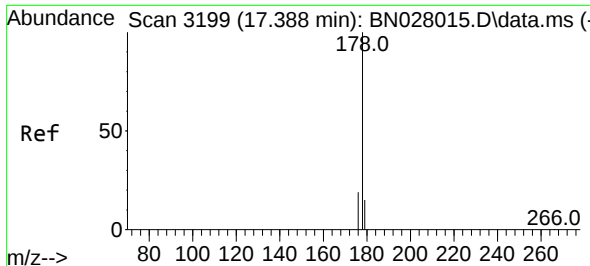
Tgt Ion:166 Resp: 13809
Ion Ratio Lower Upper
166 100
165 96.7 78.5 117.7
167 13.8 11.2 16.8



#14
Pentachlorophenol
Concen: 0.740 ng/ul
RT: 16.978 min Scan# 3102
Delta R.T. -0.008 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

Tgt Ion:266 Resp: 3670
Ion Ratio Lower Upper
266 100
264 62.3 49.6 74.4
268 64.9 52.2 78.4

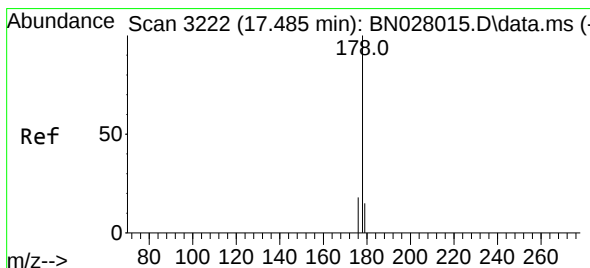
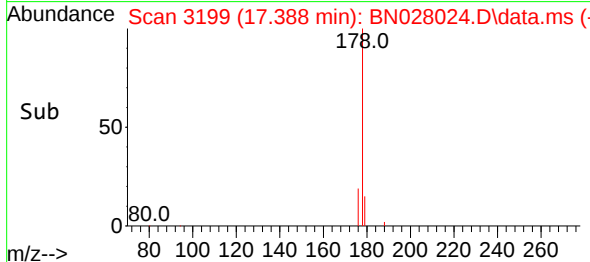
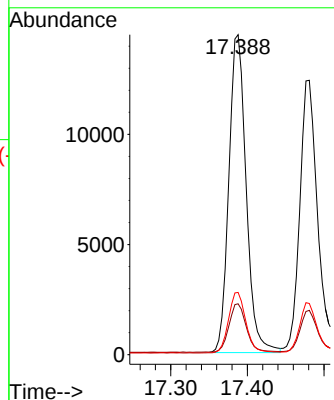
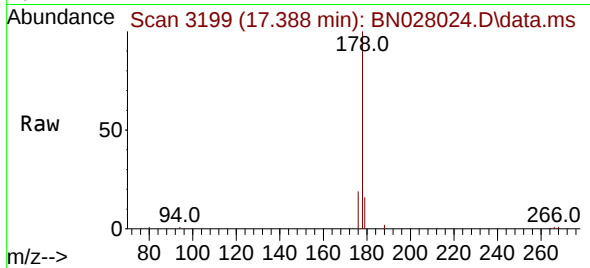




#15
Phenanthrene
Concen: 0.329 ng/ul
RT: 17.388 min Scan# 3199
Delta R.T. 0.000 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

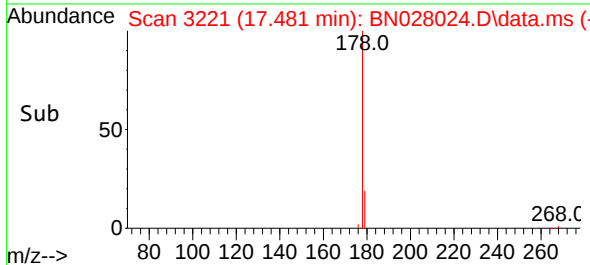
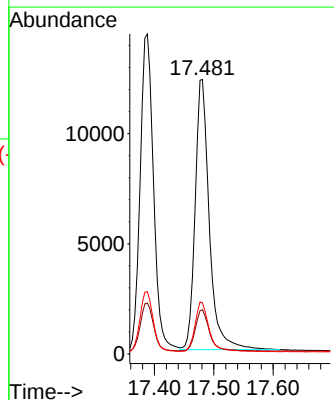
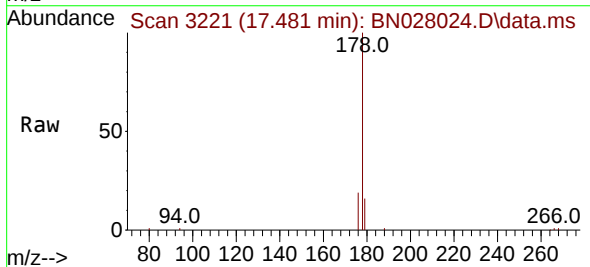
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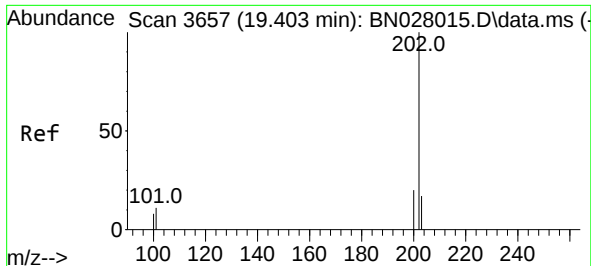
Tgt Ion:178 Resp: 22711
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.5 15.5 23.3



#16
Anthracene
Concen: 0.329 ng/ul
RT: 17.481 min Scan# 3221
Delta R.T. 0.000 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

Tgt Ion:178 Resp: 20296
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 18.6 15.0 22.6

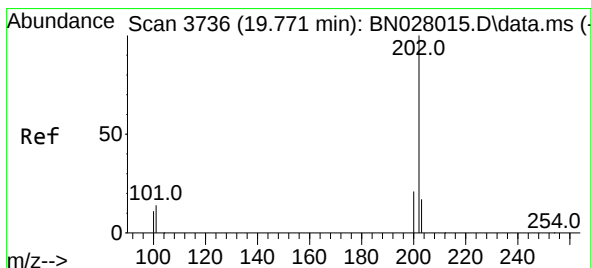
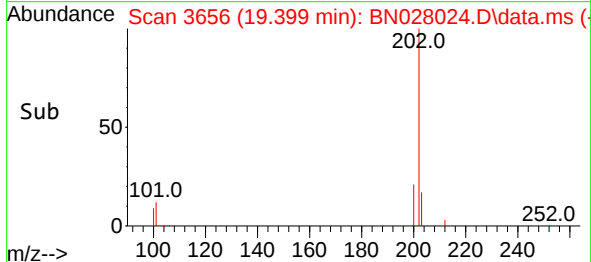
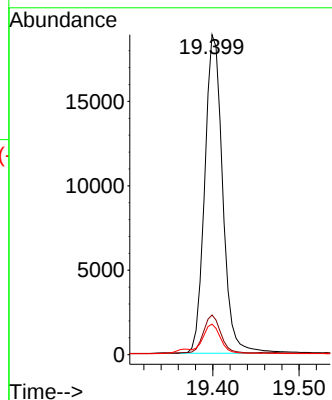
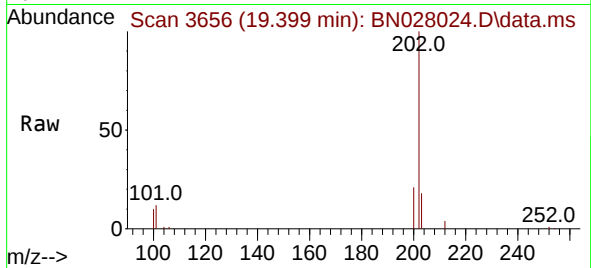




#19
Fluoranthene
Concen: 0.317 ng/ul
RT: 19.399 min Scan# 3656
Delta R.T. -0.004 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

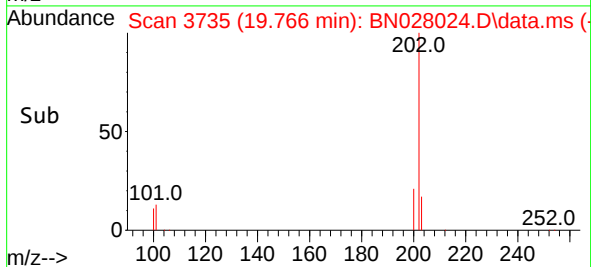
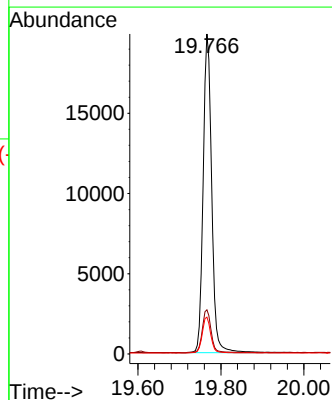
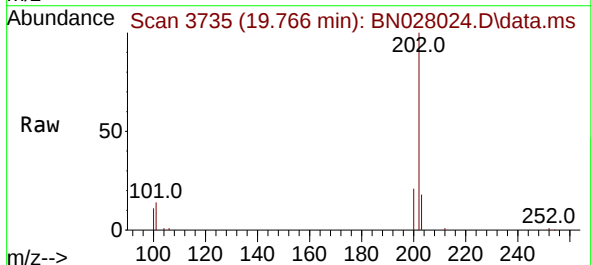
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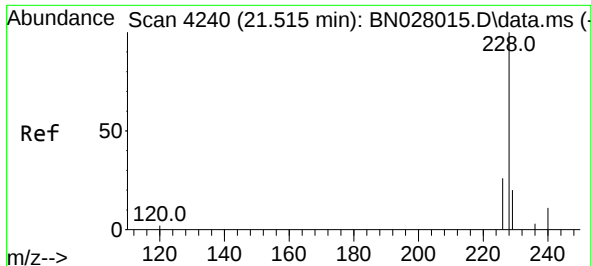
Tgt Ion:202 Resp: 27317
Ion Ratio Lower Upper
202 100
101 12.4 9.6 14.4
100 9.6 7.4 11.0



#20
Pyrene
Concen: 0.320 ng/ul
RT: 19.766 min Scan# 3735
Delta R.T. -0.004 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

Tgt Ion:202 Resp: 28553
Ion Ratio Lower Upper
202 100
101 13.8 11.2 16.8
100 11.5 9.1 13.7

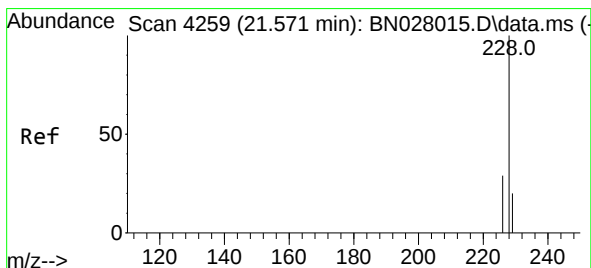
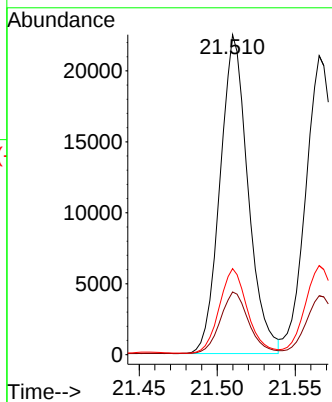
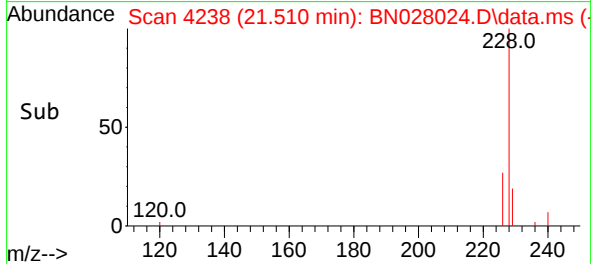
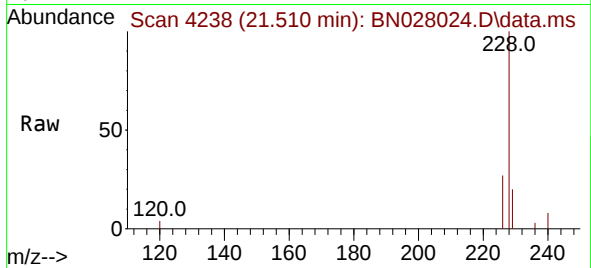




#21
Benzo(a)anthracene
Concen: 0.341 ng/ul
RT: 21.510 min Scan# 4238
Delta R.T. -0.009 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

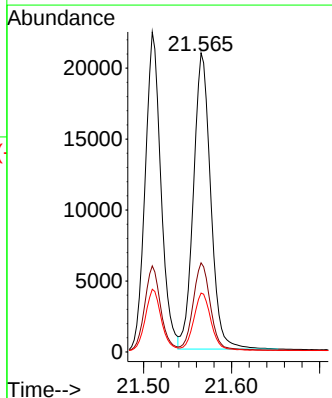
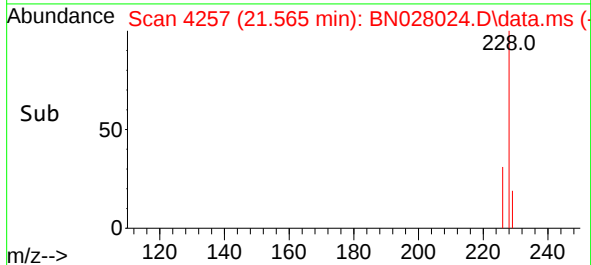
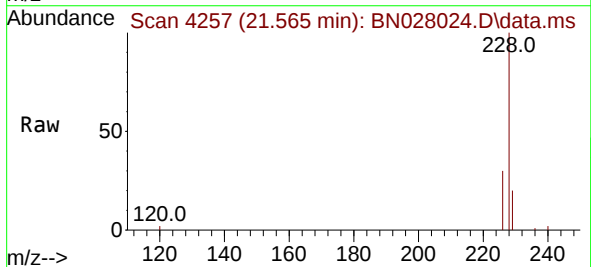
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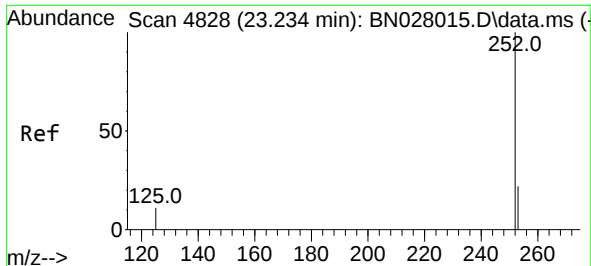
Tgt Ion:228 Resp: 28039
Ion Ratio Lower Upper
228 100
229 19.6 16.0 24.0
226 26.9 21.5 32.3



#22
Chrysene
Concen: 0.343 ng/ul
RT: 21.565 min Scan# 4257
Delta R.T. -0.009 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

Tgt Ion:228 Resp: 28495
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.7 16.0 24.0

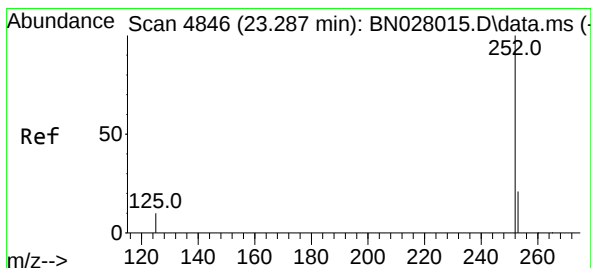
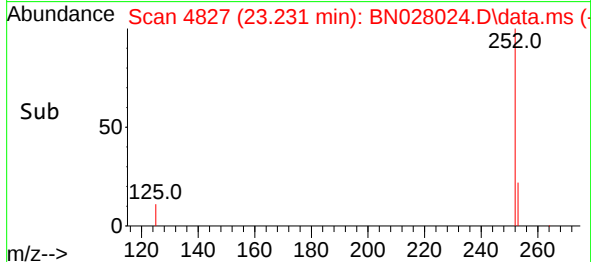
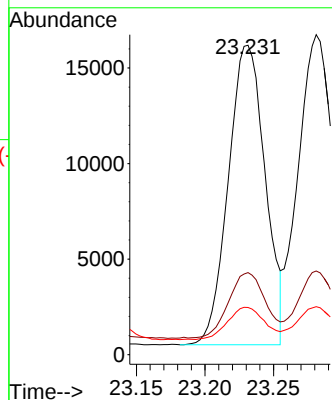
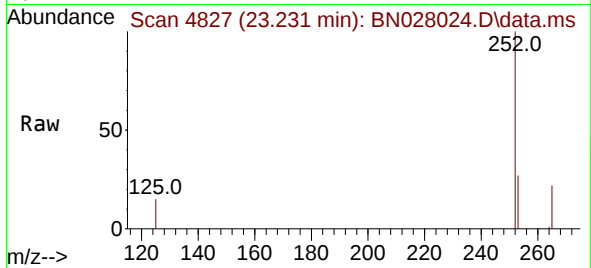




#24
Benzo(b)fluoranthene
Concen: 0.326 ng/ul
RT: 23.231 min Scan# 4827
Delta R.T. -0.009 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

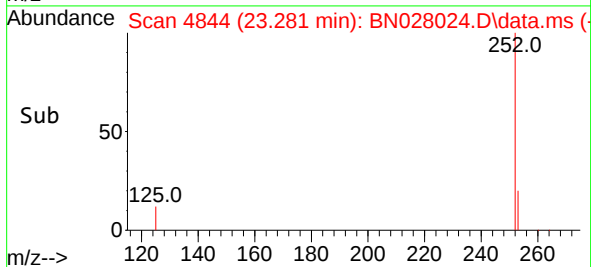
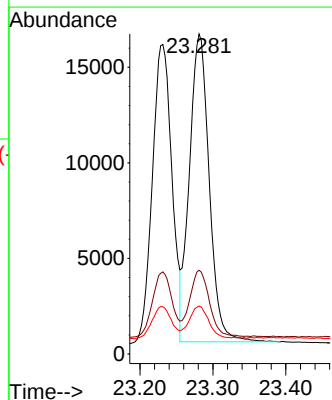
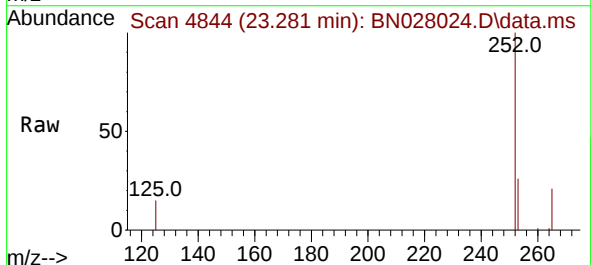
Instrument :
BNA_N
ClientSampleId :
SLCS818

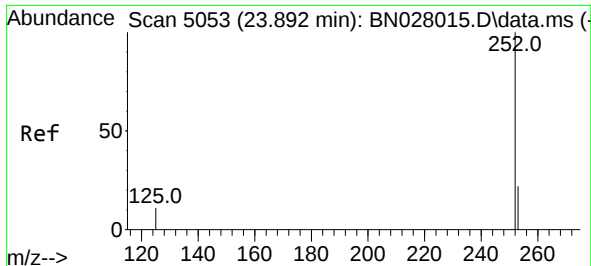
Tgt Ion:252 Resp: 29291
Ion Ratio Lower Upper
252 100
253 26.6 0.0 54.0
125 15.2 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.340 ng/ul
RT: 23.281 min Scan# 4844
Delta R.T. -0.009 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

Tgt Ion:252 Resp: 30449
Ion Ratio Lower Upper
252 100
253 26.2 21.8 32.8
125 15.0 12.8 19.2

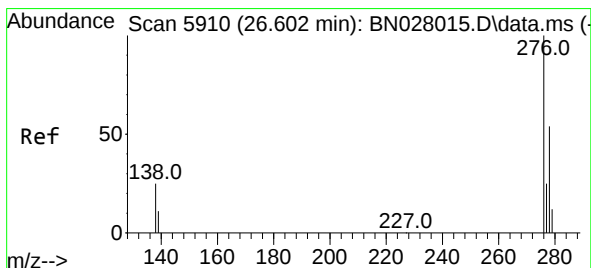
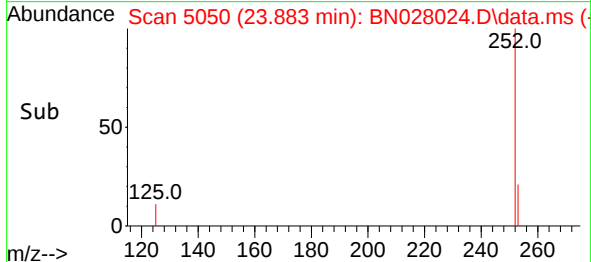
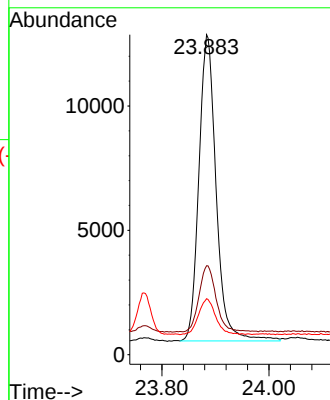
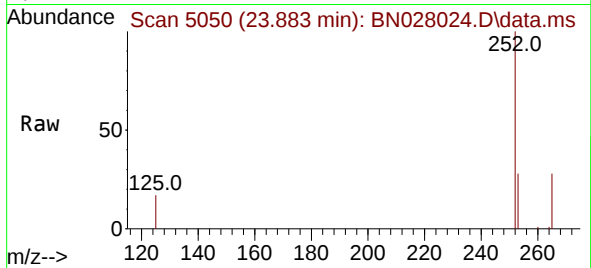




#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.883 min Scan# 5053
Delta R.T. -0.012 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

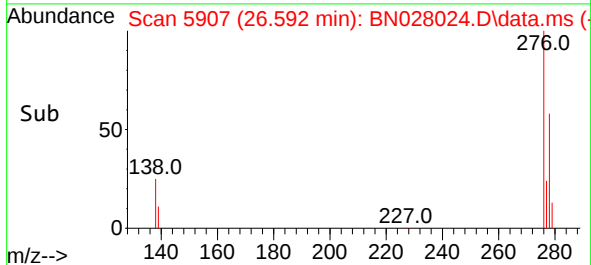
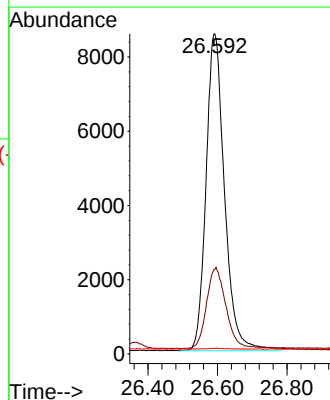
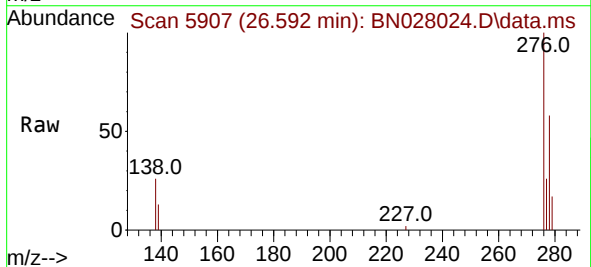
Instrument :
BNA_N
ClientSampleId :
SLCS818

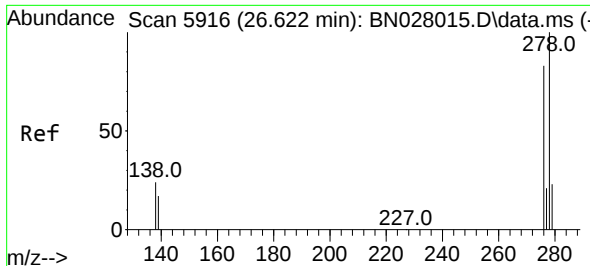
Tgt Ion:252 Resp: 27526
Ion Ratio Lower Upper
252 100
253 27.8 23.4 35.2
125 17.5 15.3 22.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.340 ng/ul
RT: 26.592 min Scan# 5907
Delta R.T. -0.010 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

Tgt Ion:276 Resp: 31549
Ion Ratio Lower Upper
276 100
138 26.7 21.6 32.4
227 0.1 0.2 0.2#

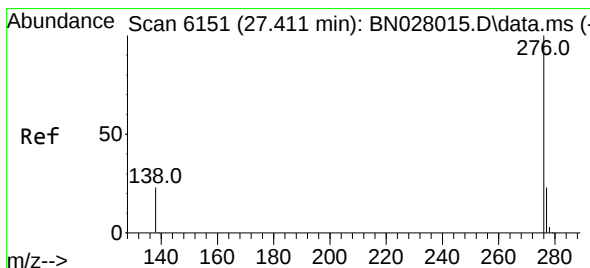
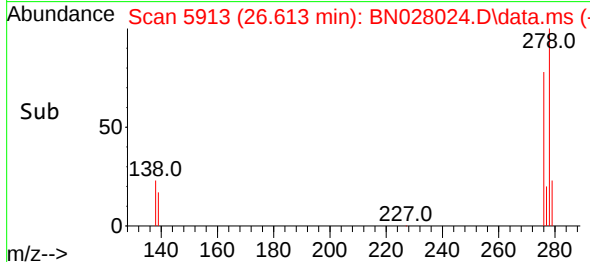
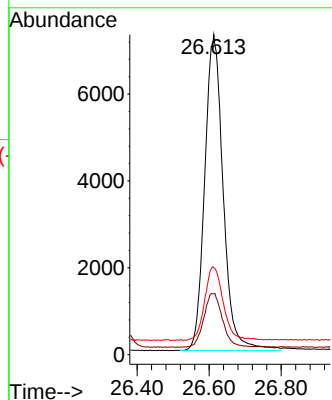
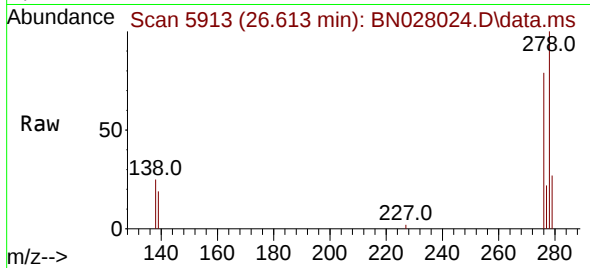




#28
Dibenzo(a,h)anthracene
Concen: 0.343 ng/ul
RT: 26.613 min Scan# 5916
Delta R.T. -0.007 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

Instrument :
BNA_N
ClientSampleId :
SLCS818

Tgt Ion:278 Resp: 25895
Ion Ratio Lower Upper
278 100
139 19.0 15.9 23.9
279 27.2 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.333 ng/ul
RT: 27.404 min Scan# 6149
Delta R.T. -0.017 min
Lab File: BN028024.D
Acq: 04 Oct 2023 00:02

Tgt Ion:276 Resp: 25287
Ion Ratio Lower Upper
276 100
138 25.5 19.8 29.6
277 25.1 20.6 31.0

