

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025828.D
 Acq On : 14 Jun 2023 04:48
 Operator : MA/JU
 Sample : PB153100BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS100

Quant Time: Jun 14 05:19:58 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

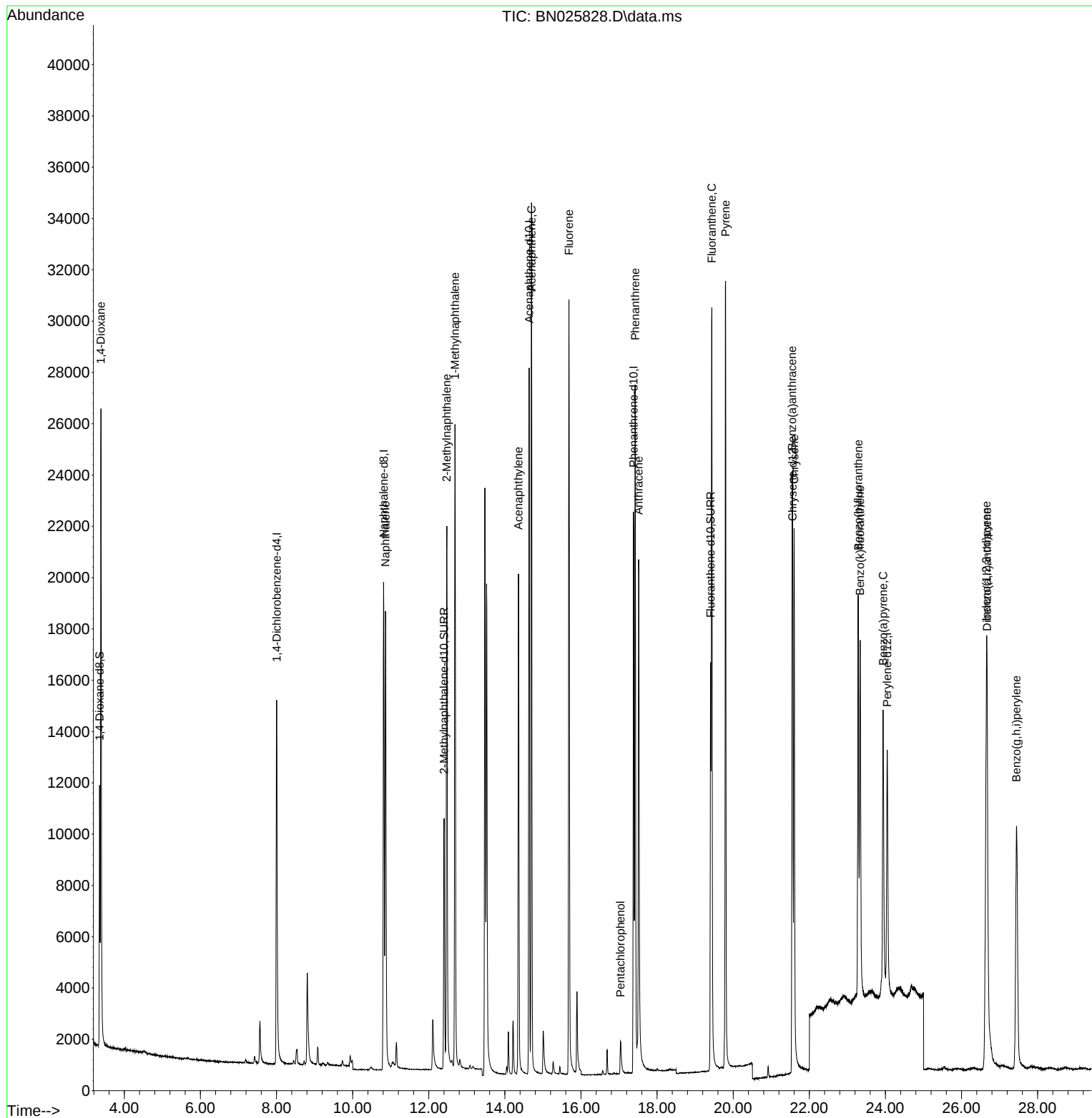
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	9197	0.400	ng/ul	0.00
4) Naphthalene-d8	10.814	136	28283	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.640	164	15629	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	27419	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	13653	0.400	ng/ul	0.00
23) Perylene-d12	24.046	264	14006	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	6326	0.700	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	13903	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	18683	0.434	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.386	88	17290	1.787	ng/ul	93
5) Naphthalene	10.864	128	27333	0.380	ng/ul	99
7) 2-Methylnaphthalene	12.475	142	17008	0.393	ng/ul	99
8) 1-Methylnaphthalene	12.689	142	17754	0.373	ng/ul	99
10) Acenaphthylene	14.357	152	24557	0.397	ng/ul	100
11) Acenaphthene	14.700	153	19719	0.382	ng/ul	99
12) Fluorene	15.685	166	21066	0.367	ng/ul	100
14) Pentachlorophenol	17.039	266	1365	0.463	ng/ul	95
15) Phenanthrene	17.423	178	30635	0.383	ng/ul	100
16) Anthracene	17.516	178	25925	0.384	ng/ul	100
19) Fluoranthene	19.438	202	28248	0.452	ng/ul	100
20) Pyrene	19.800	202	28399	0.439	ng/ul	99
21) Benzo(a)anthracene	21.549	228	19260	0.442	ng/ul	99
22) Chrysene	21.602	228	21598	0.434	ng/ul	100
24) Benzo(b)fluoranthene	23.286	252	22154	0.387	ng/ul	98
25) Benzo(k)fluoranthene	23.335	252	20934	0.364	ng/ul	97
26) Benzo(a)pyrene	23.940	252	19135	0.394	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.655	276	27018	0.488	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.672	278	19902	0.475	ng/ul	96
29) Benzo(g,h,i)perylene	27.443	276	22337	0.450	ng/ul	99

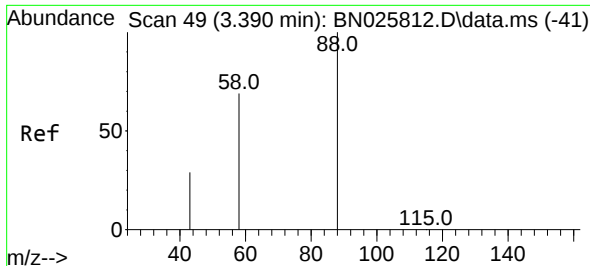
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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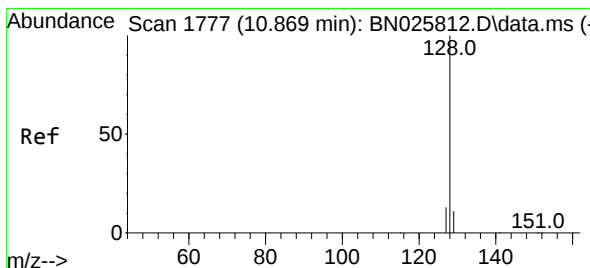
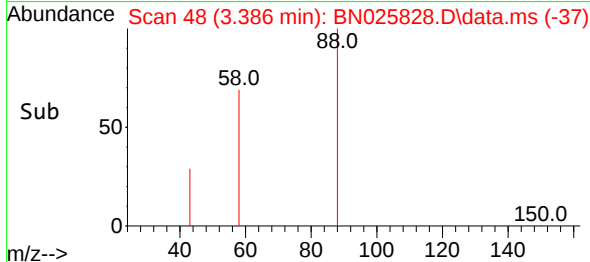
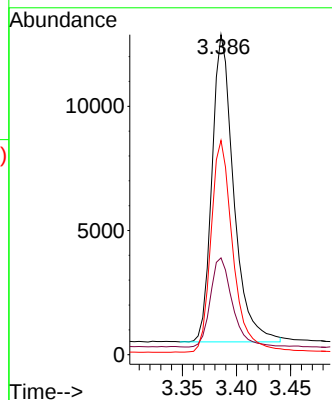
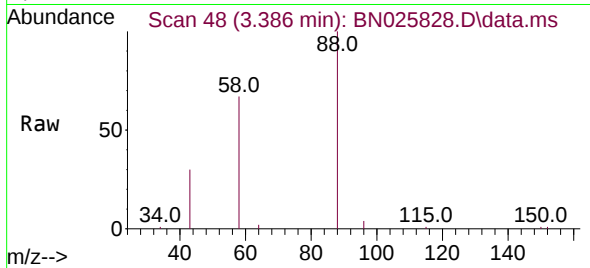




#2
 1,4-Dioxane
 Concen: 1.787 ng/ul
 RT: 3.386 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BN025828.D
 Acq: 14 Jun 2023 04:48

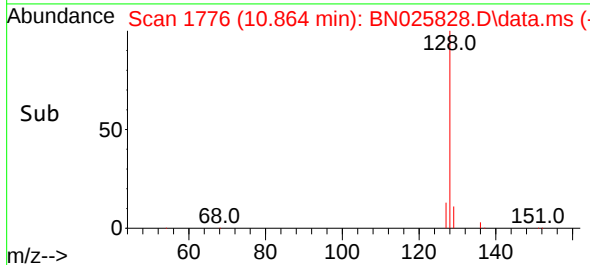
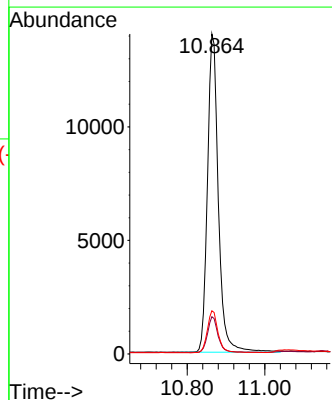
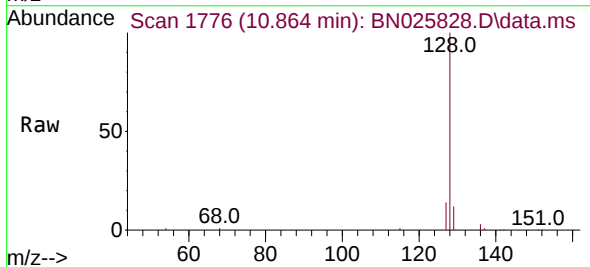
Instrument :
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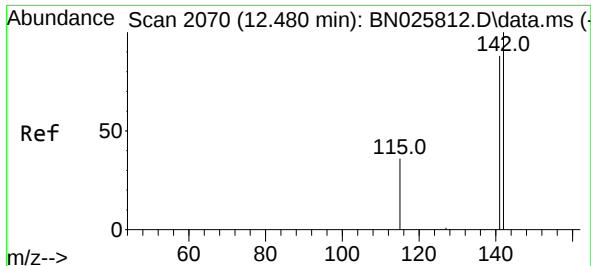
Tgt Ion: 88 Resp: 17290
 Ion Ratio Lower Upper
 88 100
 43 30.2 26.5 39.7
 58 66.9 49.0 73.6



#5
 Naphthalene
 Concen: 0.380 ng/ul
 RT: 10.864 min Scan# 1776
 Delta R.T. -0.011 min
 Lab File: BN025828.D
 Acq: 14 Jun 2023 04:48

Tgt Ion: 128 Resp: 27333
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.1 13.7
 127 13.5 10.5 15.7

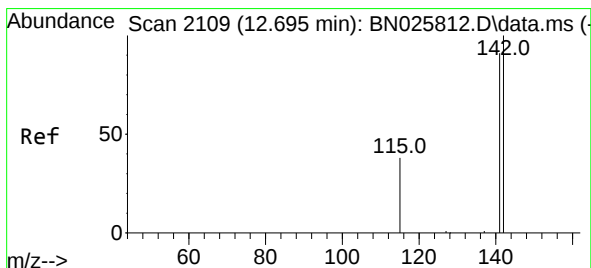
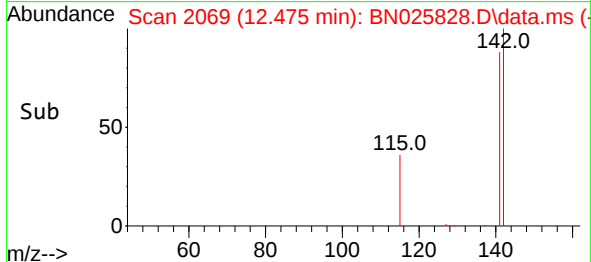
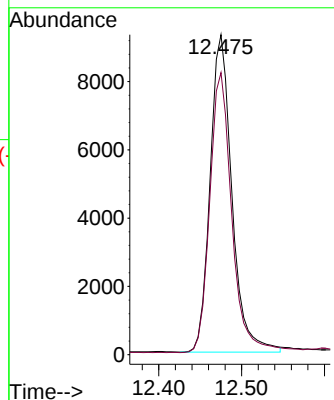
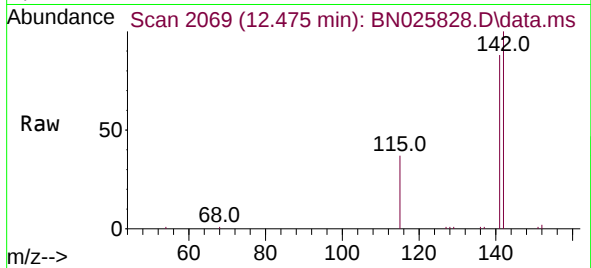




#7
2-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.475 min Scan# 2070
Delta R.T. -0.005 min
Lab File: BN025828.D
Acq: 14 Jun 2023 04:48

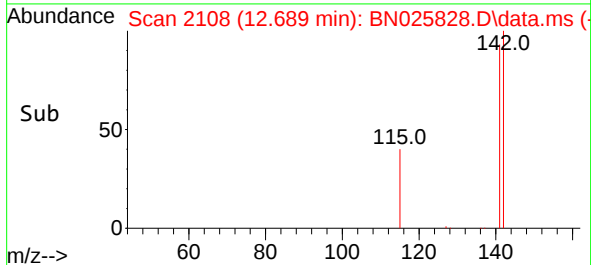
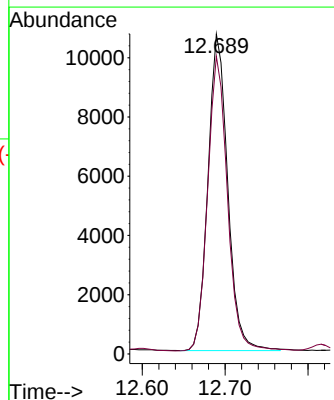
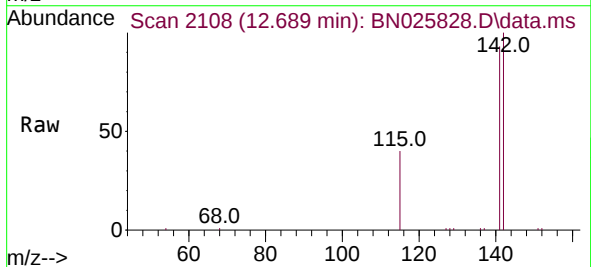
Instrument :
BNA_N
ClientSampleId :
SLCS100

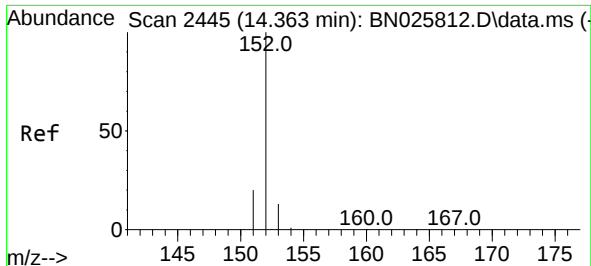
Tgt Ion:142 Resp: 17008
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.689 min Scan# 2108
Delta R.T. -0.011 min
Lab File: BN025828.D
Acq: 14 Jun 2023 04:48

Tgt Ion:142 Resp: 17754
Ion Ratio Lower Upper
142 100
141 93.0 74.0 111.0

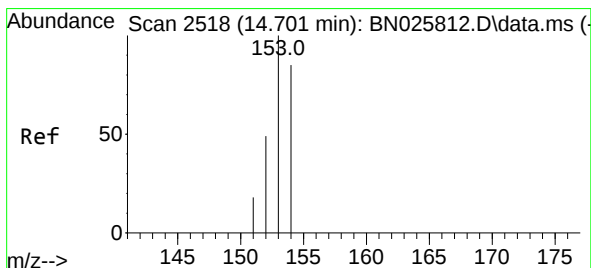
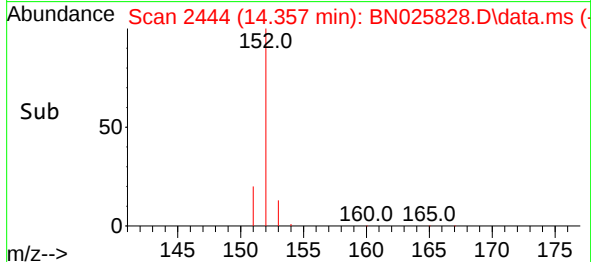
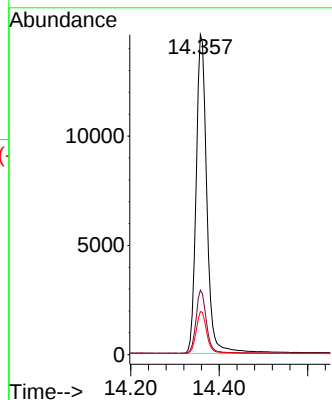
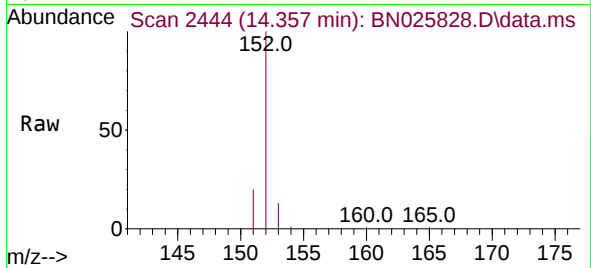




#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.357 min Scan# 2444
Delta R.T. -0.009 min
Lab File: BN025828.D
Acq: 14 Jun 2023 04:48

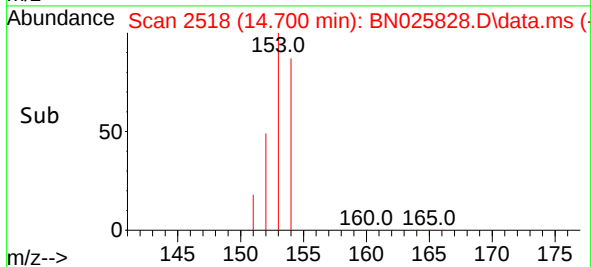
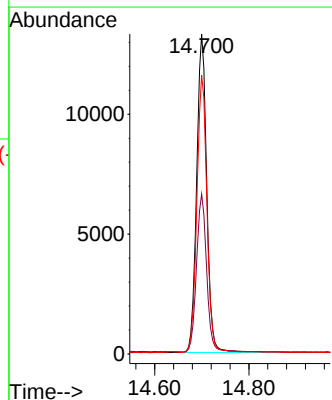
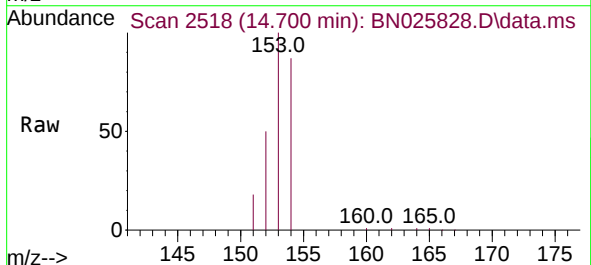
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BNA_N
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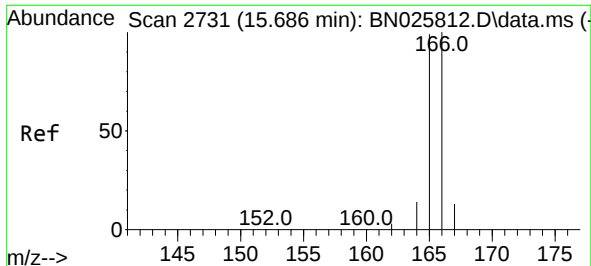
Tgt Ion:152 Resp: 24557
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.4 10.7 16.1



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.700 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BN025828.D
Acq: 14 Jun 2023 04:48

Tgt Ion:153 Resp: 19719
Ion Ratio Lower Upper
153 100
152 50.0 39.5 59.3
154 87.1 68.8 103.2

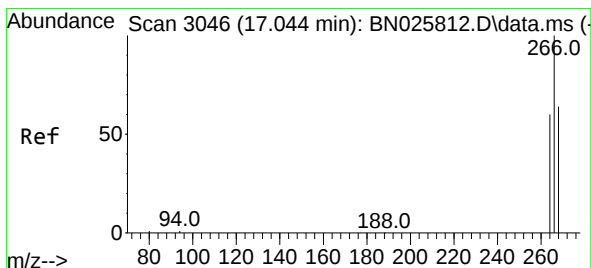
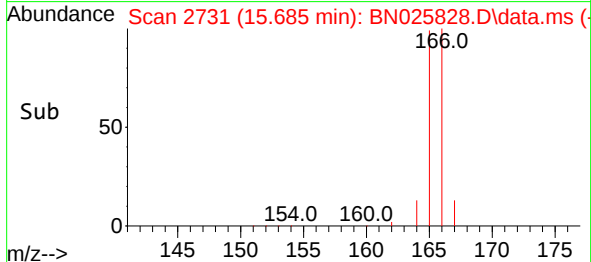
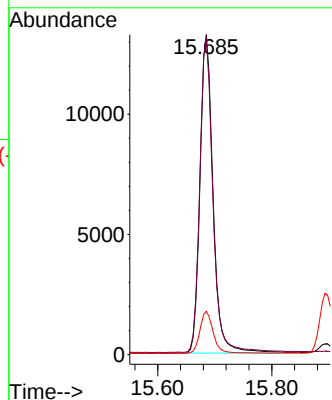
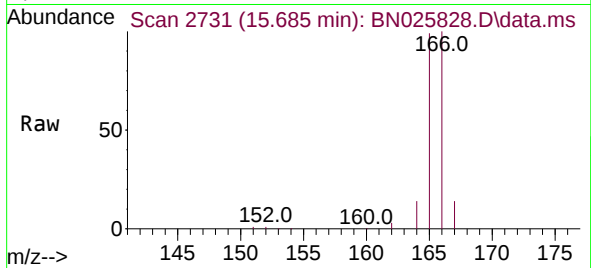




#12
Fluorene
Concen: 0.367 ng/ul
RT: 15.685 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN025828.D
Acq: 14 Jun 2023 04:48

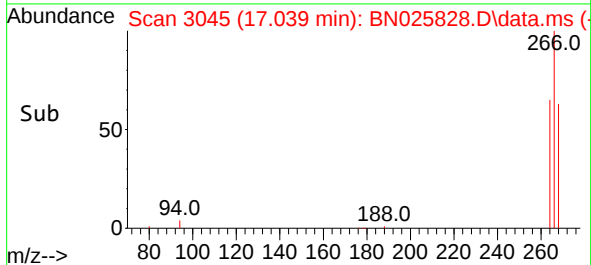
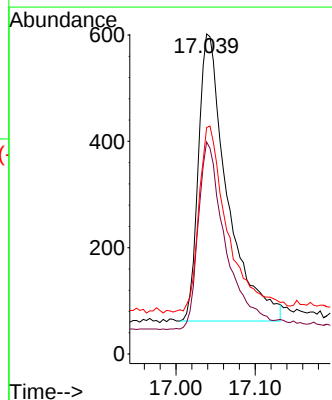
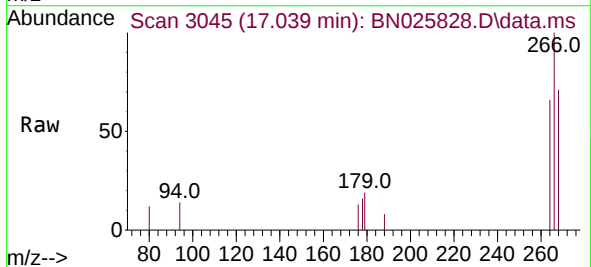
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BNA_N
ClientSampleId :
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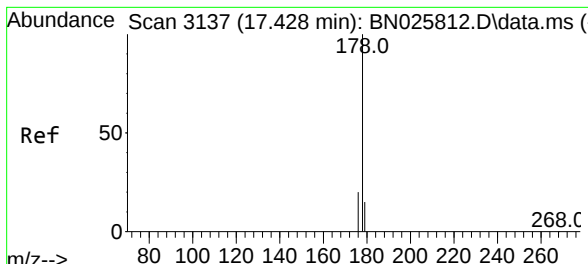
Tgt Ion:166 Resp: 21066
Ion Ratio Lower Upper
166 100
165 99.0 79.2 118.8
167 13.5 11.0 16.6



#14
Pentachlorophenol
Concen: 0.463 ng/ul
RT: 17.039 min Scan# 3045
Delta R.T. -0.017 min
Lab File: BN025828.D
Acq: 14 Jun 2023 04:48

Tgt Ion:266 Resp: 1365
Ion Ratio Lower Upper
266 100
264 63.3 48.2 72.4
268 64.7 48.2 72.4



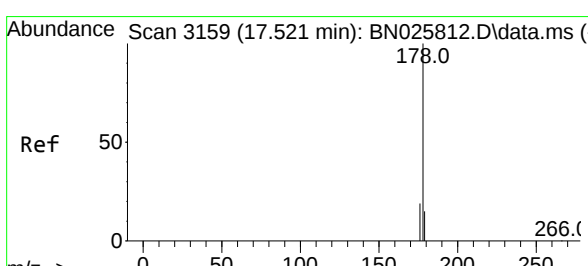
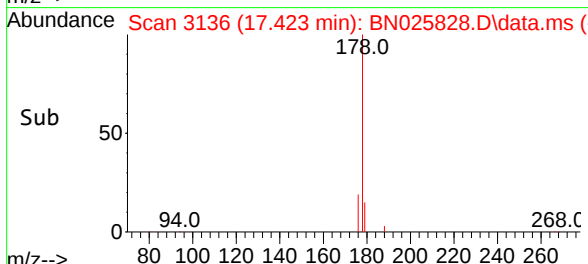
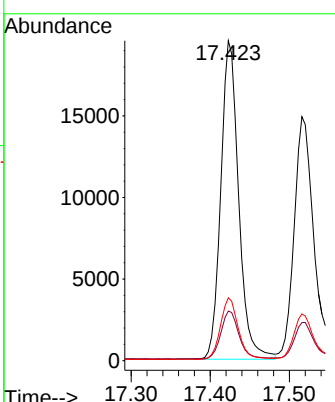
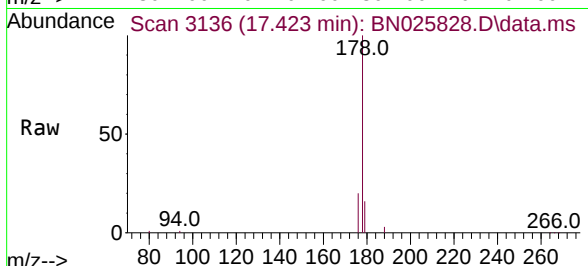


#15
 Phenanthrene
 Concen: 0.383 ng/ul
 RT: 17.423 min Scan# 3136
 Delta R.T. -0.008 min
 Lab File: BN025828.D
 Acq: 14 Jun 2023 04:48

Instrument :
 BNA_N
 ClientSampleId :
 SLCS100

Tgt Ion:178 Resp: 30635

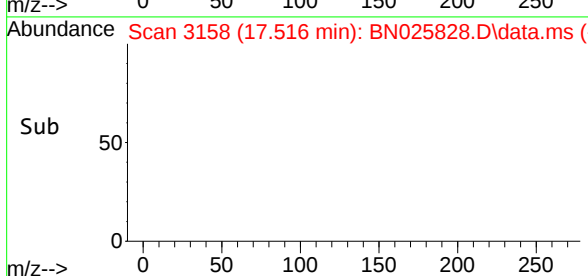
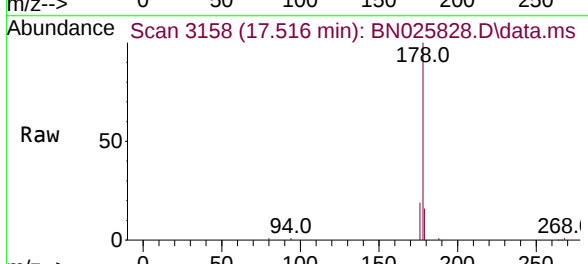
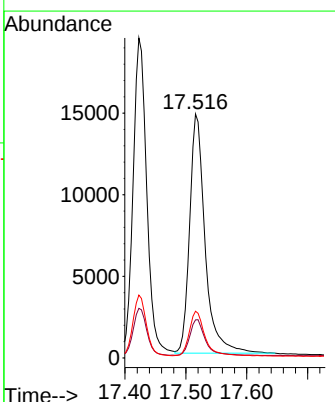
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	19.7	15.8	23.8

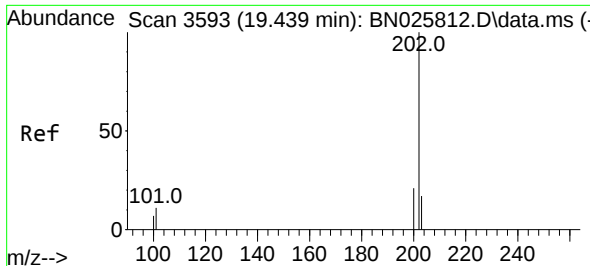


#16
 Anthracene
 Concen: 0.384 ng/ul
 RT: 17.516 min Scan# 3158
 Delta R.T. -0.008 min
 Lab File: BN025828.D
 Acq: 14 Jun 2023 04:48

Tgt Ion:178 Resp: 25925

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.1	15.4	23.2

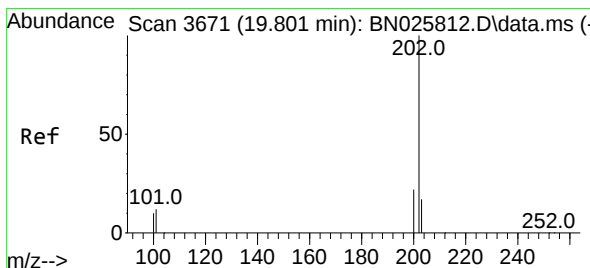
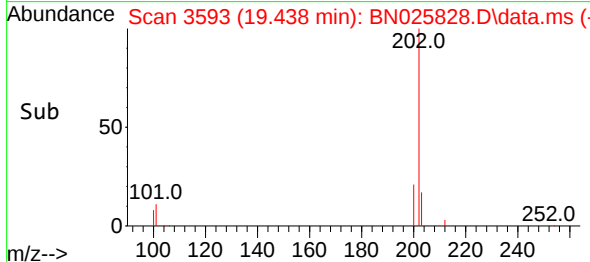
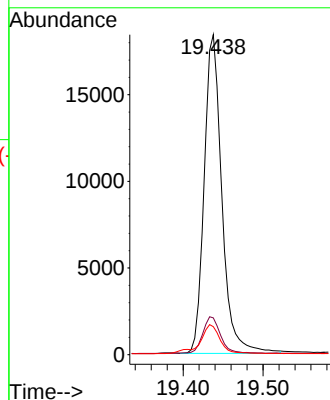
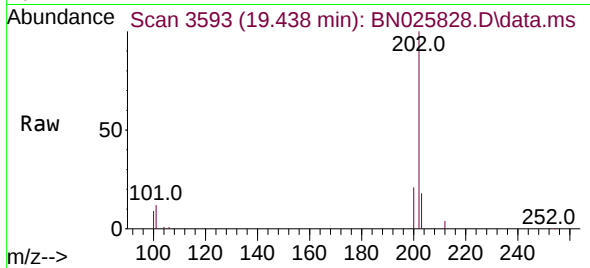




#19
Fluoranthene
Concen: 0.452 ng/ul
RT: 19.438 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BN025828.D
Acq: 14 Jun 2023 04:48

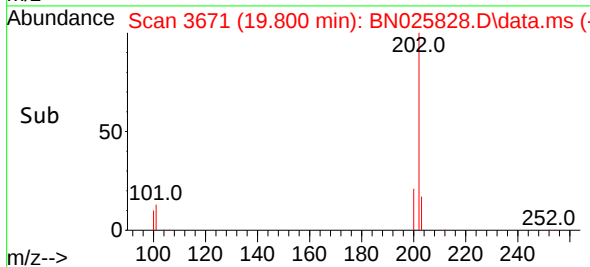
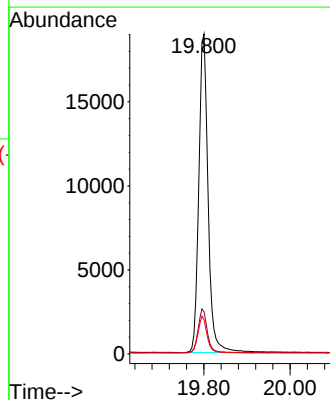
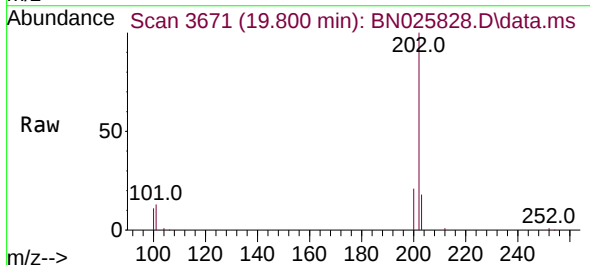
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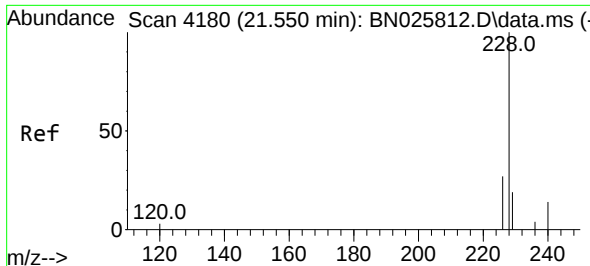
Tgt Ion:202 Resp: 28248
Ion Ratio Lower Upper
202 100
101 11.5 9.1 13.7
100 8.8 7.0 10.6



#20
Pyrene
Concen: 0.439 ng/ul
RT: 19.800 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BN025828.D
Acq: 14 Jun 2023 04:48

Tgt Ion:202 Resp: 28399
Ion Ratio Lower Upper
202 100
101 13.2 10.4 15.6
100 10.7 8.8 13.2

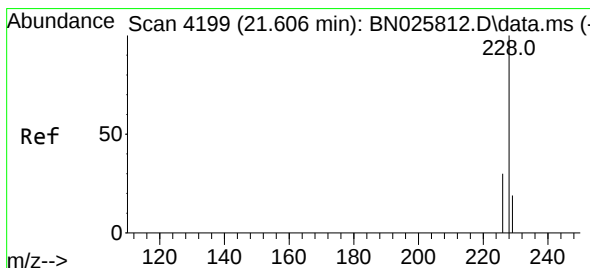
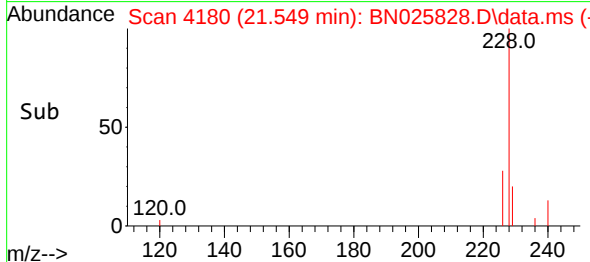
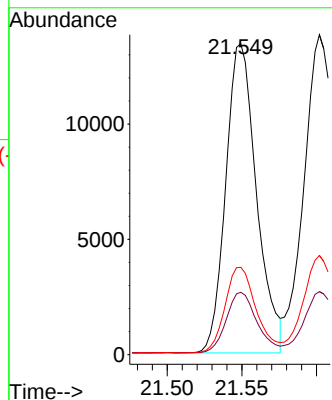
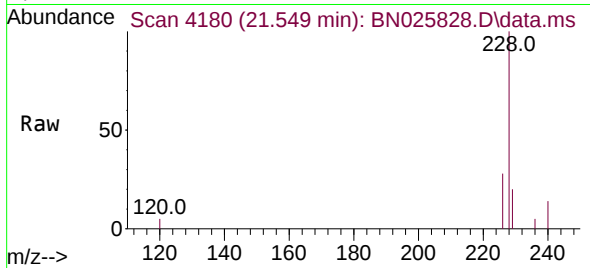




#21
Benzo(a)anthracene
Concen: 0.442 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BN025828.D
Acq: 14 Jun 2023 04:48

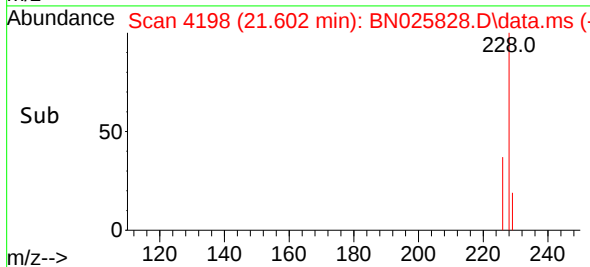
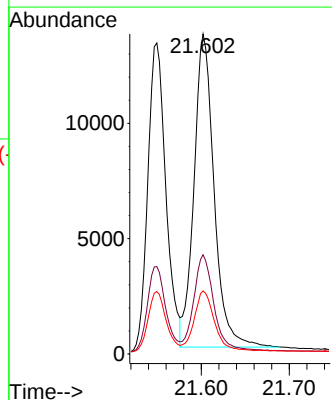
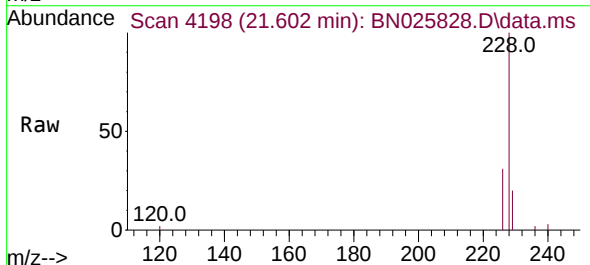
Instrument :
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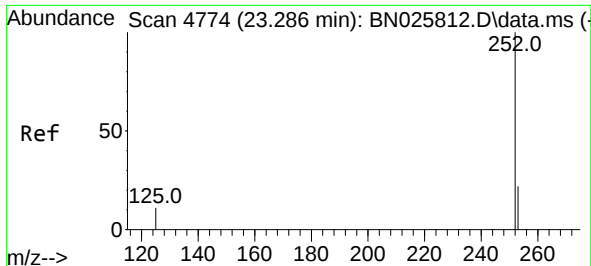
Tgt Ion:228 Resp: 19260
Ion Ratio Lower Upper
228 100
229 20.1 15.5 23.3
226 28.1 22.0 33.0



#22
Chrysene
Concen: 0.434 ng/ul
RT: 21.602 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BN025828.D
Acq: 14 Jun 2023 04:48

Tgt Ion:228 Resp: 21598
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 19.7 15.7 23.5

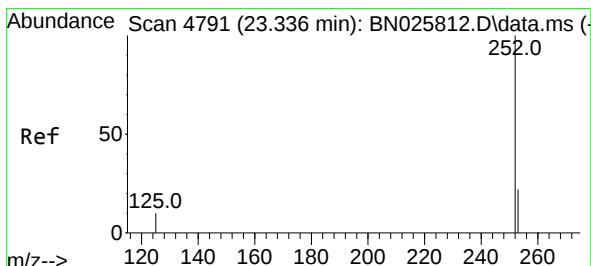
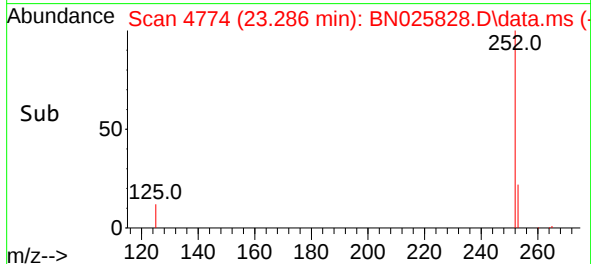
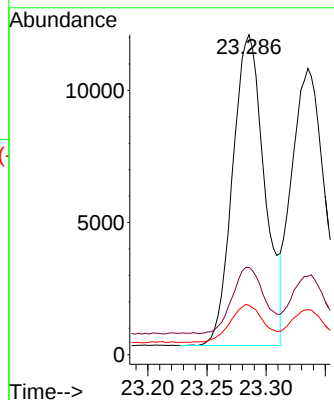
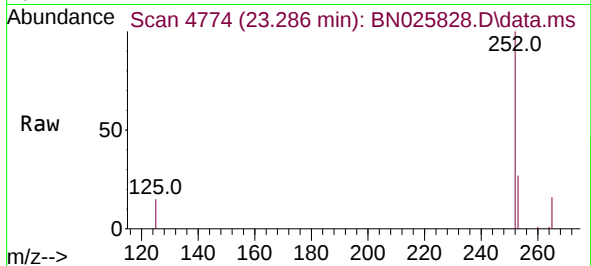




#24
Benzo(b)fluoranthene
Concen: 0.387 ng/ul
RT: 23.286 min Scan# 4774
Delta R.T. -0.005 min
Lab File: BN025828.D
Acq: 14 Jun 2023 04:48

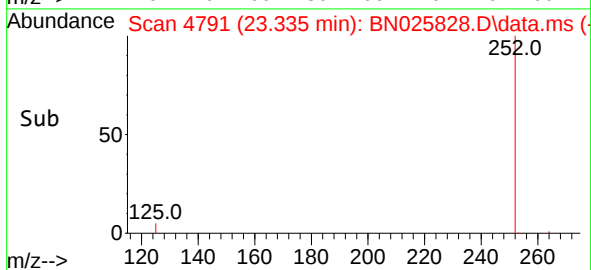
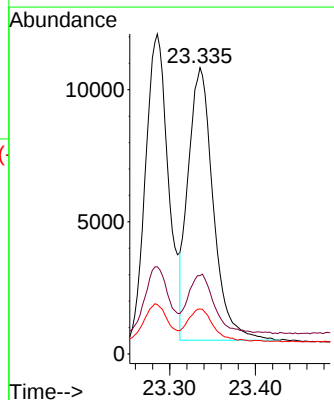
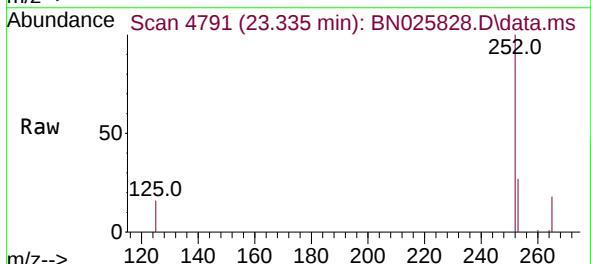
Instrument :
BNA_N
ClientSampleId :
SLCS100

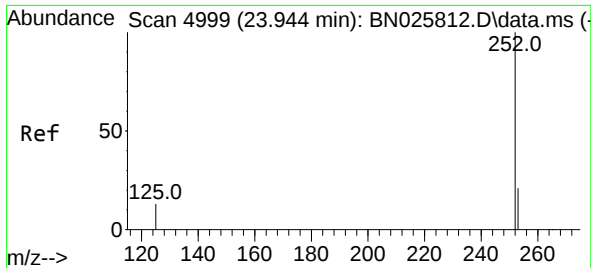
Tgt Ion:252 Resp: 22154
Ion Ratio Lower Upper
252 100
253 27.3 0.0 56.0
125 15.5 0.0 28.0



#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul
RT: 23.335 min Scan# 4791
Delta R.T. -0.006 min
Lab File: BN025828.D
Acq: 14 Jun 2023 04:48

Tgt Ion:252 Resp: 20934
Ion Ratio Lower Upper
252 100
253 27.4 23.3 34.9
125 15.7 11.6 17.4

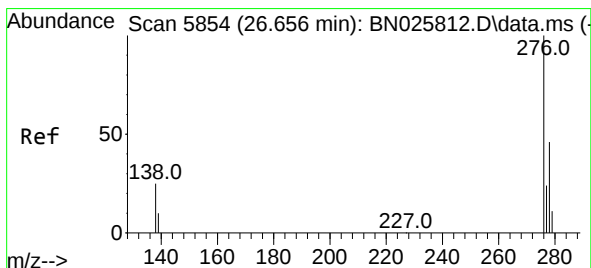
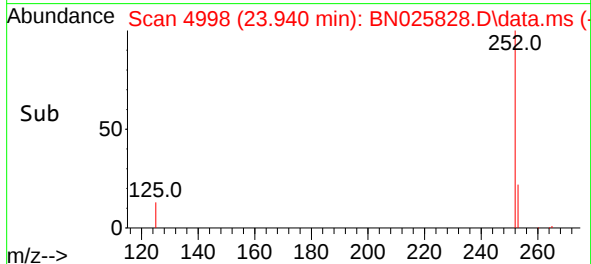
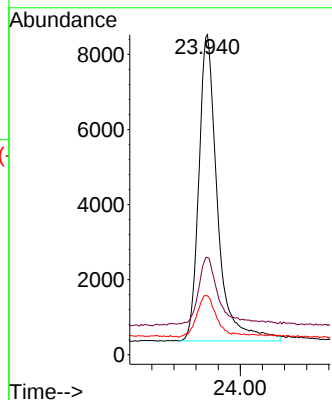
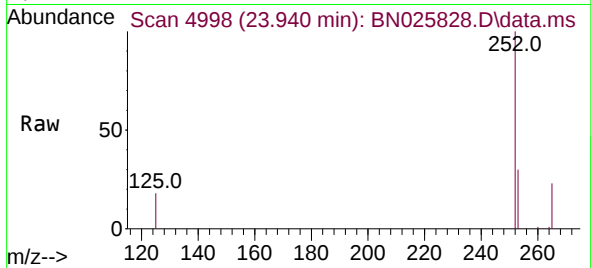




#26
Benzo(a)pyrene
Concen: 0.394 ng/ul
RT: 23.940 min Scan# 4999
Delta R.T. -0.003 min
Lab File: BN025828.D
Acq: 14 Jun 2023 04:48

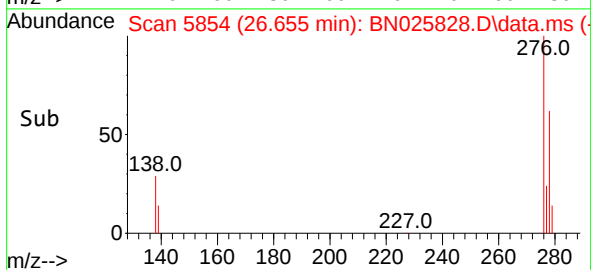
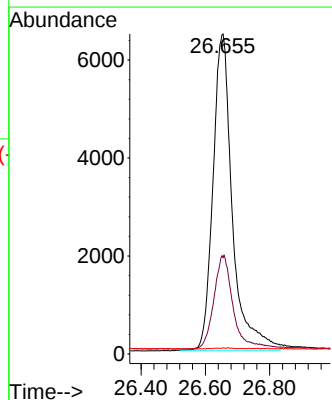
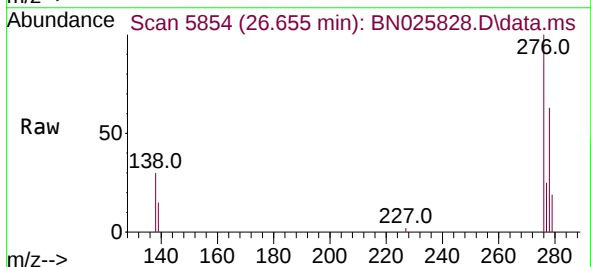
Instrument :
BNA_N
ClientSampleId :
SLCS100

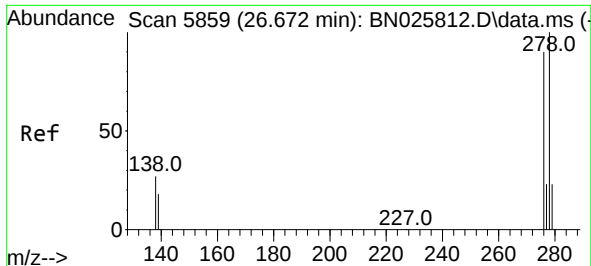
Tgt Ion:	252	Resp:	19135
Ion Ratio	Lower	Upper	
252	100		
253	30.4	25.8	38.8
125	18.4	13.5	20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.488 ng/ul
RT: 26.655 min Scan# 5854
Delta R.T. -0.003 min
Lab File: BN025828.D
Acq: 14 Jun 2023 04:48

Tgt Ion:	276	Resp:	27018
Ion Ratio	Lower	Upper	
276	100		
138	29.5	24.6	36.8
227	0.0	0.0	0.0

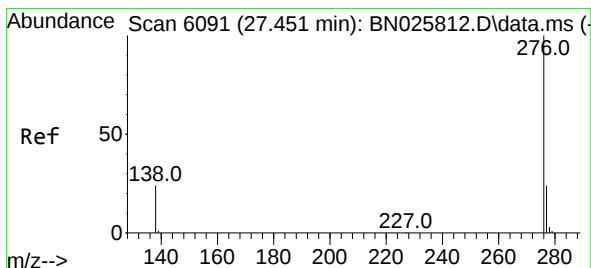
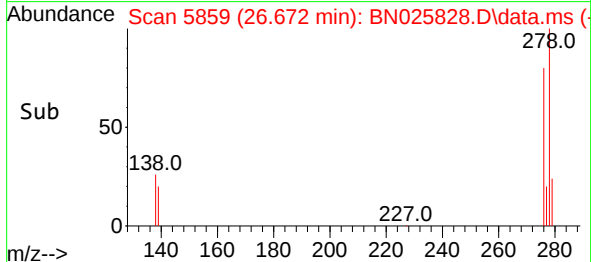
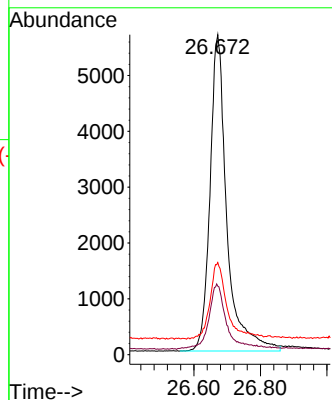
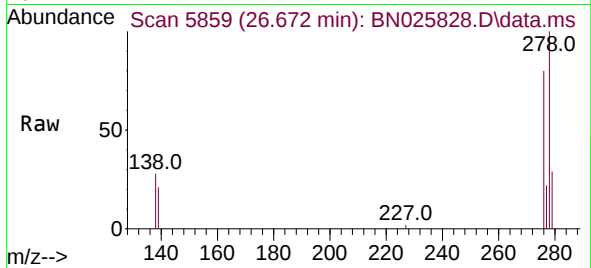




#28
Dibenzo(a,h)anthracene
Concen: 0.475 ng/ul
RT: 26.672 min Scan# 5859
Delta R.T. -0.013 min
Lab File: BN025828.D
Acq: 14 Jun 2023 04:48

Instrument :
BNA_N
ClientSampleId :
SLCS100

Tgt Ion:278 Resp: 19902
Ion Ratio Lower Upper
278 100
139 21.4 17.9 26.9
279 28.8 25.3 37.9



#29
Benzo(g,h,i)perylene
Concen: 0.450 ng/ul
RT: 27.443 min Scan# 6089
Delta R.T. -0.006 min
Lab File: BN025828.D
Acq: 14 Jun 2023 04:48

Tgt Ion:276 Resp: 22337
Ion Ratio Lower Upper
276 100
138 27.4 21.8 32.8
277 24.9 19.4 29.2

