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 Data File : BN025785.D
 Acq On : 12 Jun 2023 17:09
 Operator : MA/JU
 Sample : PB153137BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS137

Quant Time: Jun 13 00:03:05 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

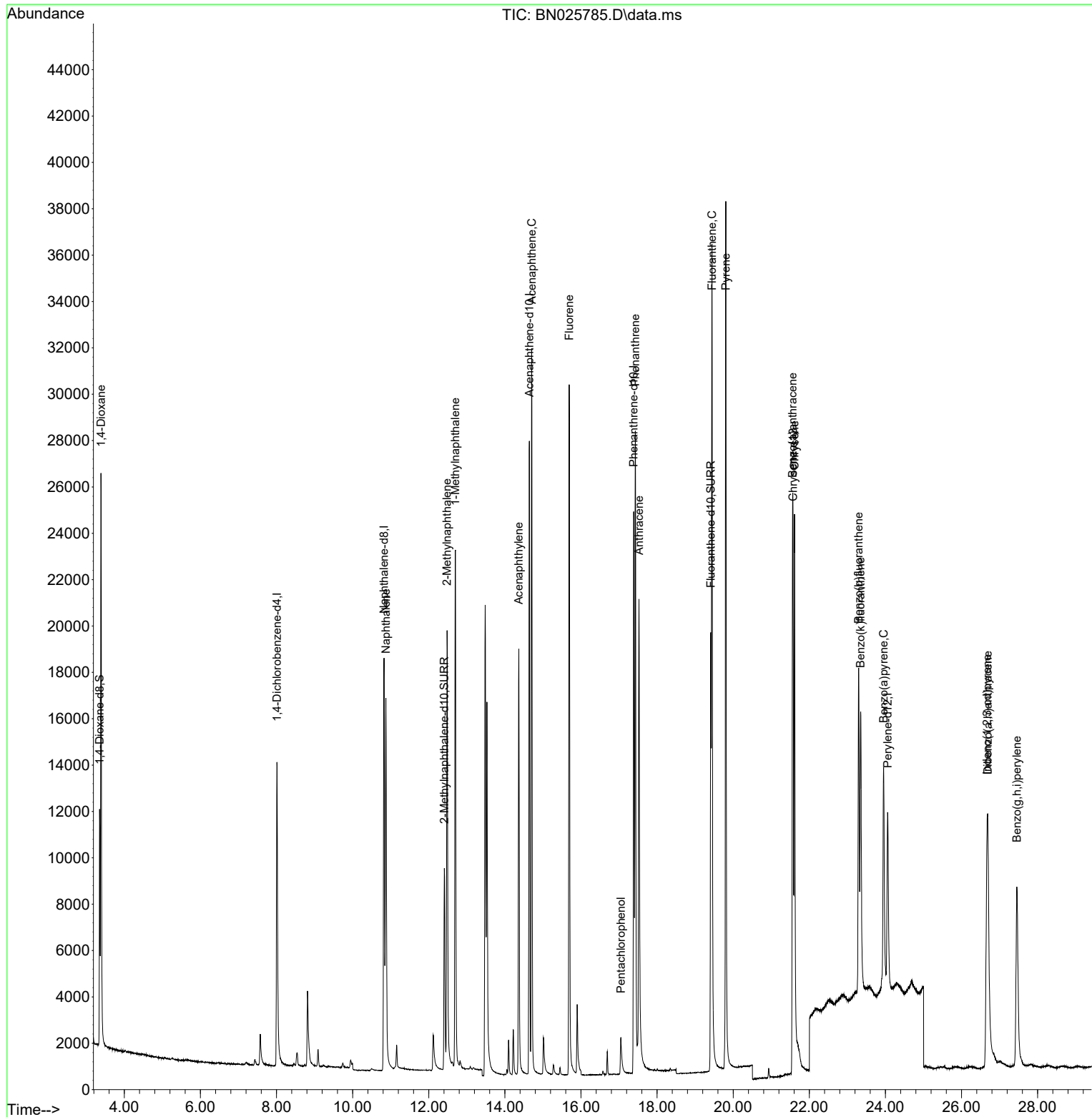
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.014	152	9157	0.400	ng/ul	0.00
4) Naphthalene-d8	10.825	136	27305	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.644	164	15453	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	30344	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	15943	0.400	ng/ul	0.00
23) Perylene-d12	24.057	264	12932	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	6393	0.710	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	12929	0.373	ng/ul	0.00
18) Fluoranthene-d10	19.410	212	23226	0.462	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	17534	1.820	ng/ul	95
5) Naphthalene	10.875	128	26006	0.374	ng/ul	100
7) 2-Methylnaphthalene	12.480	142	15882	0.380	ng/ul	100
8) 1-Methylnaphthalene	12.700	142	16939	0.368	ng/ul	100
10) Acenaphthylene	14.367	152	23300	0.381	ng/ul	99
11) Acenaphthene	14.704	153	19230	0.377	ng/ul	98
12) Fluorene	15.690	166	21497	0.379	ng/ul	100
14) Pentachlorophenol	17.047	266	1855	0.568	ng/ul	96
15) Phenanthrene	17.427	178	33772	0.382	ng/ul	100
16) Anthracene	17.524	178	28636	0.383	ng/ul	99
19) Fluoranthene	19.442	202	35033	0.480	ng/ul	100
20) Pyrene	19.805	202	35836	0.475	ng/ul	99
21) Benzo(a)anthracene	21.558	228	21873	0.430	ng/ul	99
22) Chrysene	21.611	228	24891	0.428	ng/ul	99
24) Benzo(b)fluoranthene	23.297	252	21540	0.407	ng/ul	95
25) Benzo(k)fluoranthene	23.347	252	20936	0.395	ng/ul	96
26) Benzo(a)pyrene	23.952	252	17755	0.396	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.672	276	21326	0.417	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.692	278	16436	0.425	ng/ul	97
29) Benzo(g,h,i)perylene	27.453	276	19316	0.421	ng/ul	98

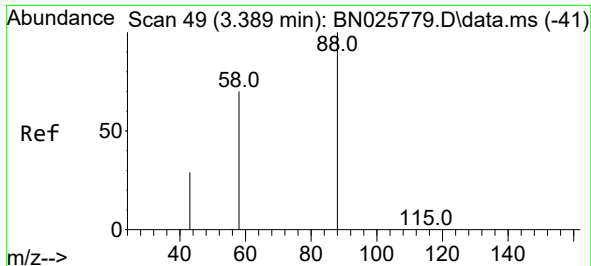
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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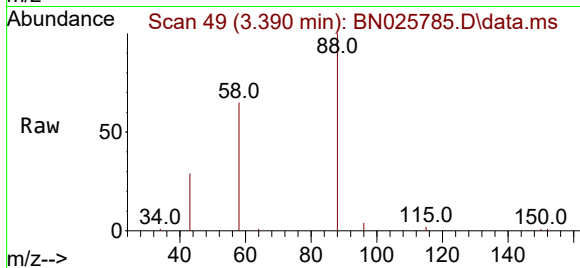
Quant Time: Jun 13 00:03:05 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
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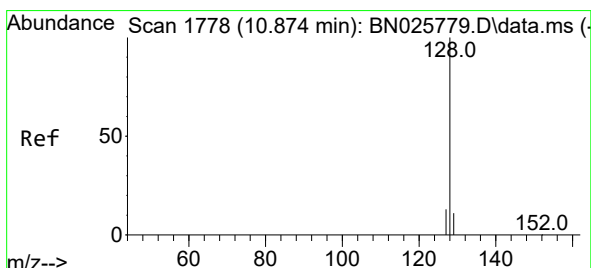
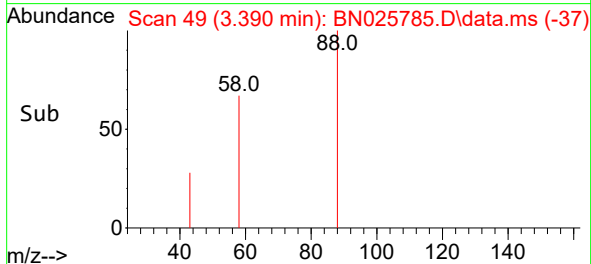
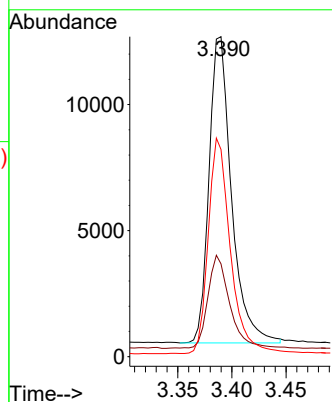


#2
1,4-Dioxane
Concen: 1.820 ng/ul
RT: 3.390 min Scan# 49
Delta R.T. -0.000 min
Lab File: BN025785.D
Acq: 12 Jun 2023 17:09

Instrument :
BNA_N
ClientSampleId :
SLCS137

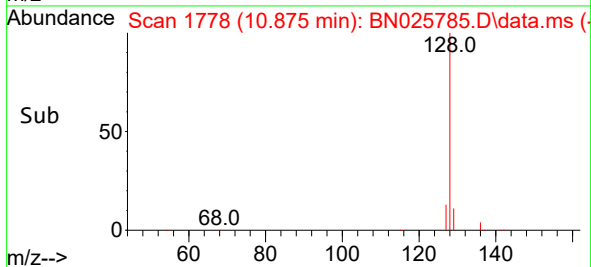
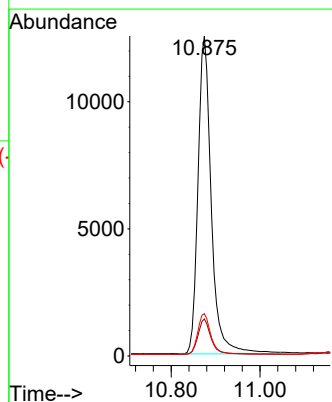
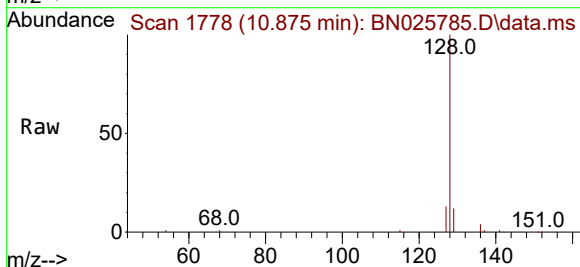


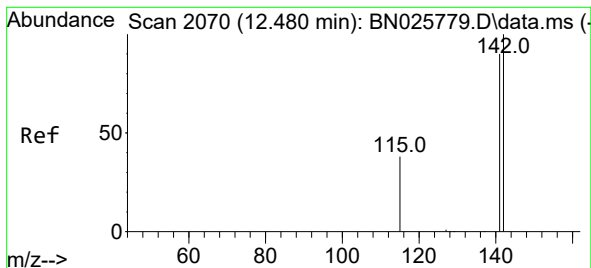
Tgt Ion: 88 Resp: 17534
Ion Ratio Lower Upper
88 100
43 29.0 26.5 39.7
58 64.8 49.0 73.6



#5
Naphthalene
Concen: 0.374 ng/ul
RT: 10.875 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BN025785.D
Acq: 12 Jun 2023 17:09

Tgt Ion:128 Resp: 26006
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.2 10.5 15.7

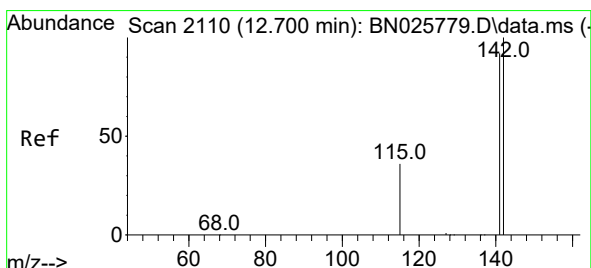
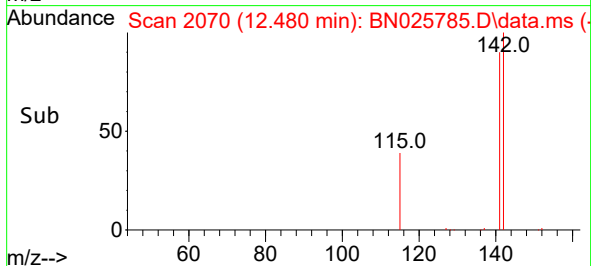
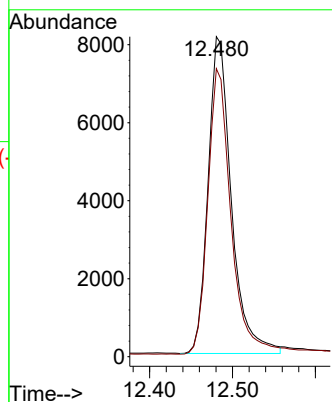
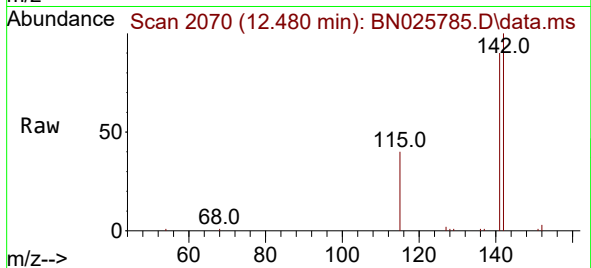




#7
2-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.480 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BN025785.D
Acq: 12 Jun 2023 17:09

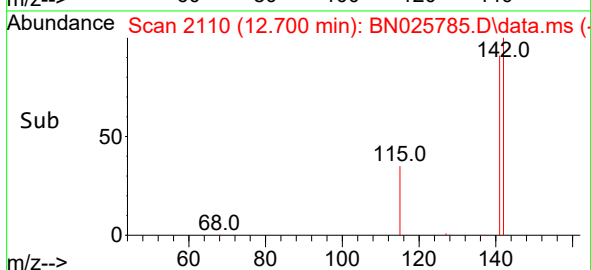
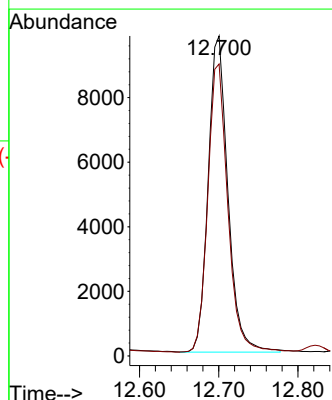
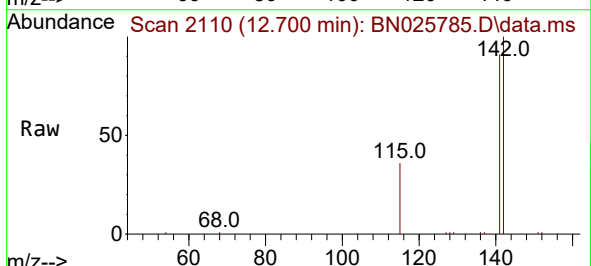
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BNA_N
ClientSampleId :
SLCS137

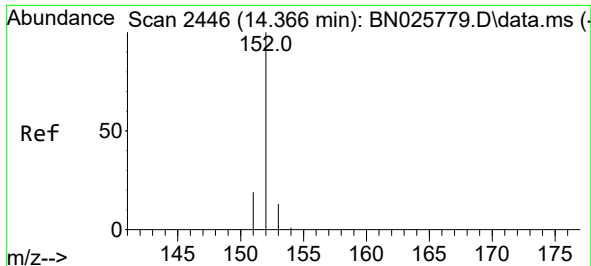
Tgt Ion:142 Resp: 15882
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.700 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN025785.D
Acq: 12 Jun 2023 17:09

Tgt Ion:142 Resp: 16939
Ion Ratio Lower Upper
142 100
141 92.3 74.0 111.0

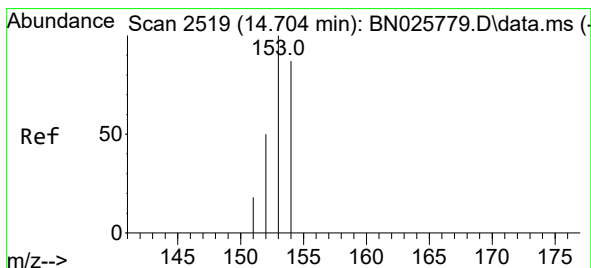
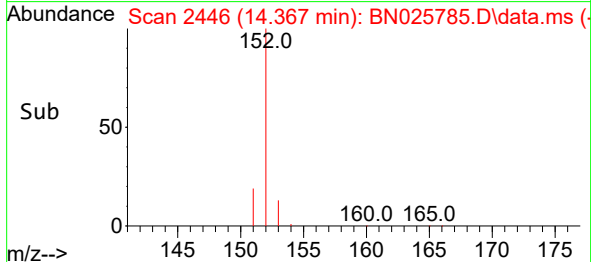
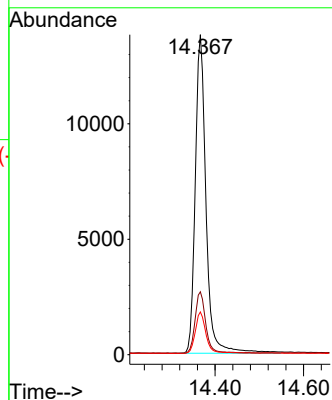
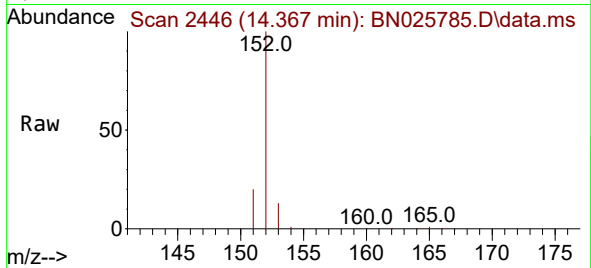




#10
Acenaphthylene
Concen: 0.381 ng/ul
RT: 14.367 min Scan# 2446
Delta R.T. 0.001 min
Lab File: BN025785.D
Acq: 12 Jun 2023 17:09

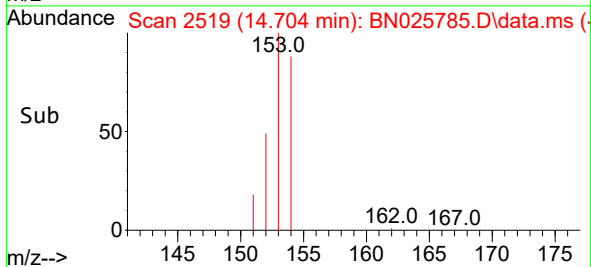
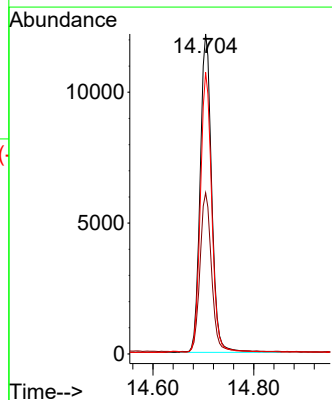
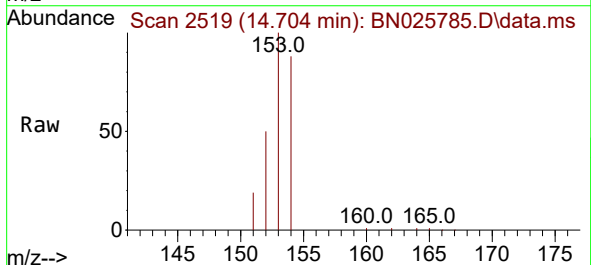
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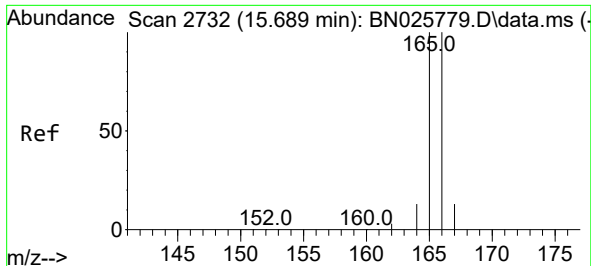
Tgt Ion:152 Resp: 23300
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.3 10.7 16.1



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.704 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN025785.D
Acq: 12 Jun 2023 17:09

Tgt Ion:153 Resp: 19230
Ion Ratio Lower Upper
153 100
152 50.3 39.5 59.3
154 88.0 68.8 103.2

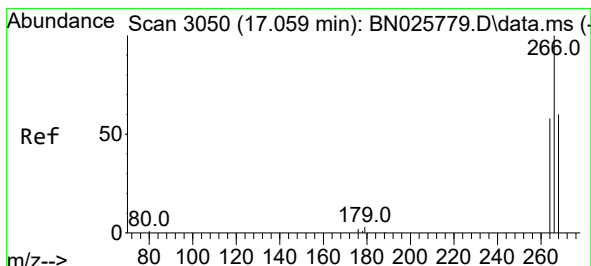
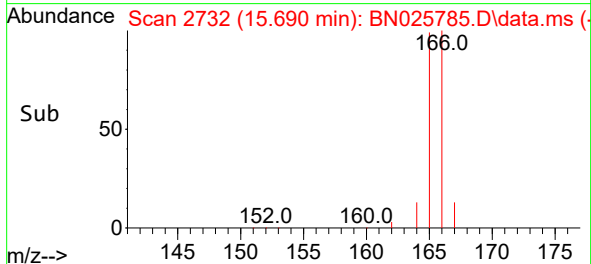
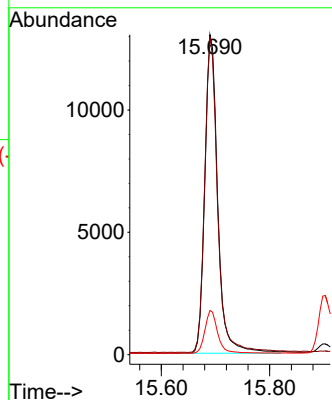
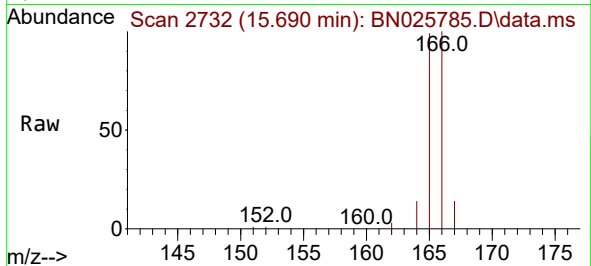




#12
 Fluorene
 Concen: 0.379 ng/ul
 RT: 15.690 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN025785.D
 Acq: 12 Jun 2023 17:09

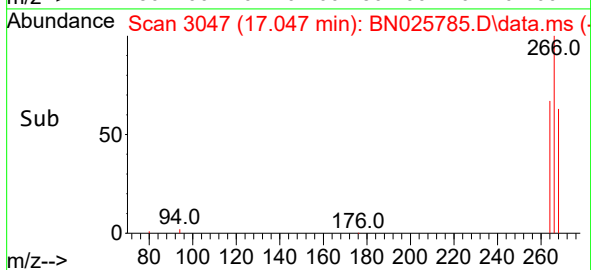
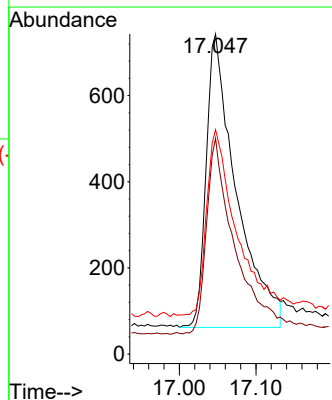
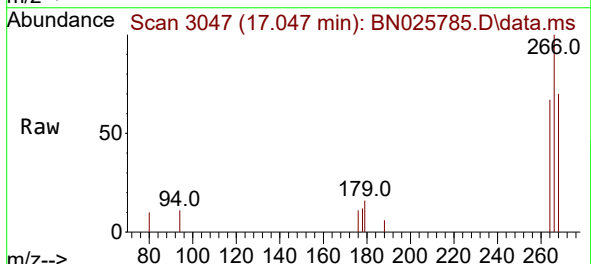
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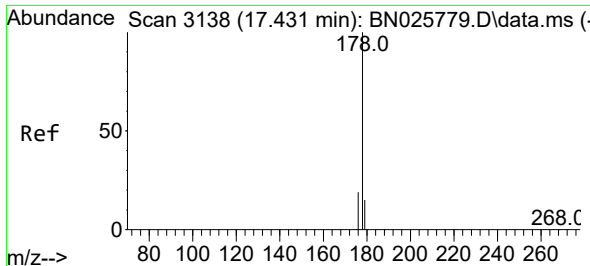
Tgt Ion:166 Resp: 21497
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.2 118.8
 167 13.8 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.568 ng/ul
 RT: 17.047 min Scan# 3047
 Delta R.T. -0.008 min
 Lab File: BN025785.D
 Acq: 12 Jun 2023 17:09

Tgt Ion:266 Resp: 1855
 Ion Ratio Lower Upper
 266 100
 264 63.3 48.2 72.4
 268 62.7 48.2 72.4

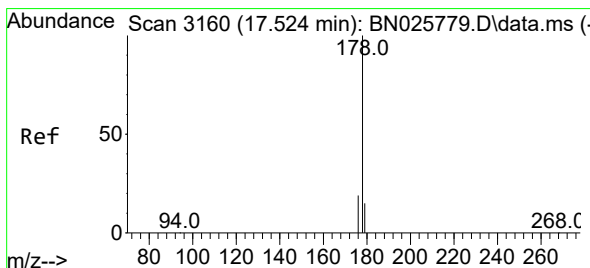
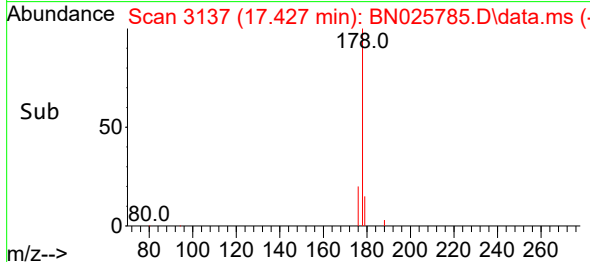
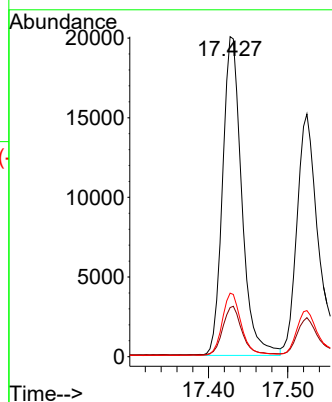
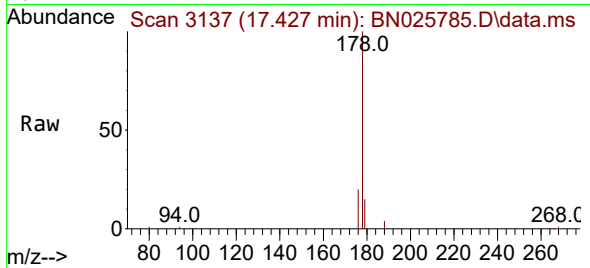




#15
Phenanthrene
Concen: 0.382 ng/ul
RT: 17.427 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BN025785.D
Acq: 12 Jun 2023 17:09

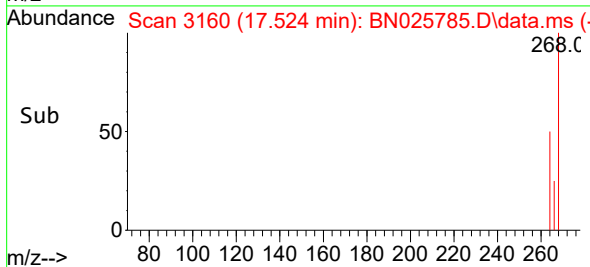
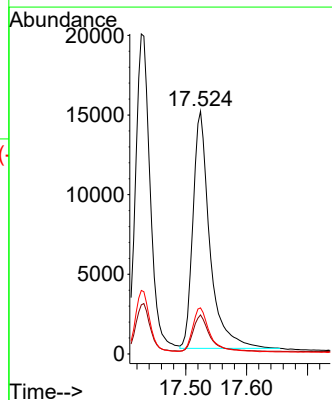
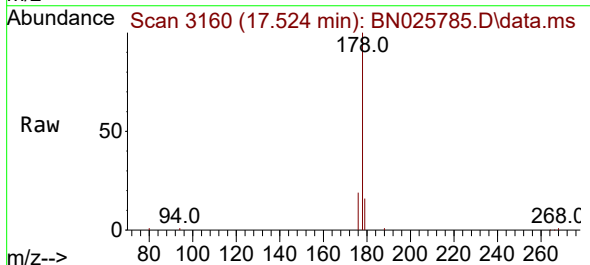
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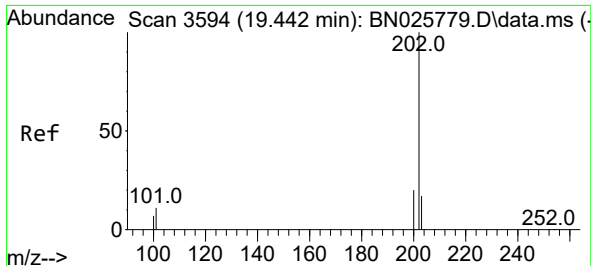
Tgt Ion:178 Resp: 33772
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.9 15.8 23.8



#16
Anthracene
Concen: 0.383 ng/ul
RT: 17.524 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BN025785.D
Acq: 12 Jun 2023 17:09

Tgt Ion:178 Resp: 28636
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 19.0 15.4 23.2

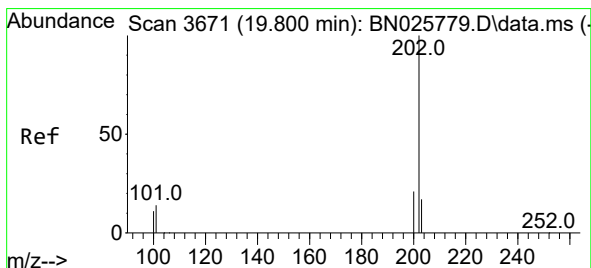
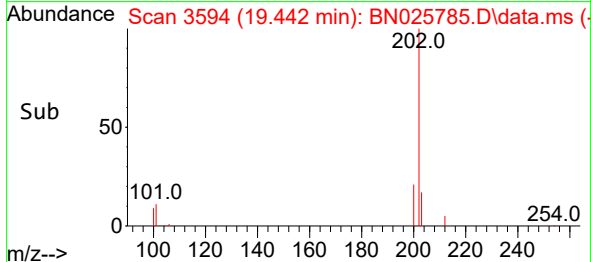
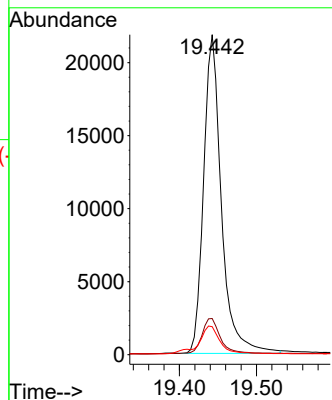
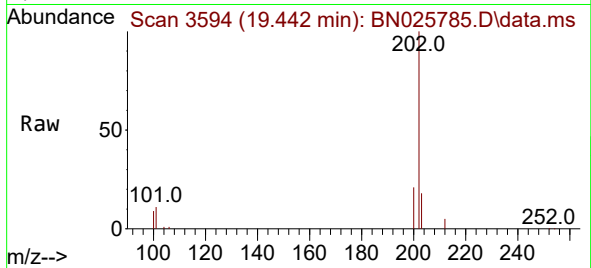




#19
Fluoranthene
Concen: 0.480 ng/ul
RT: 19.442 min Scan# 3594
Delta R.T. 0.000 min
Lab File: BN025785.D
Acq: 12 Jun 2023 17:09

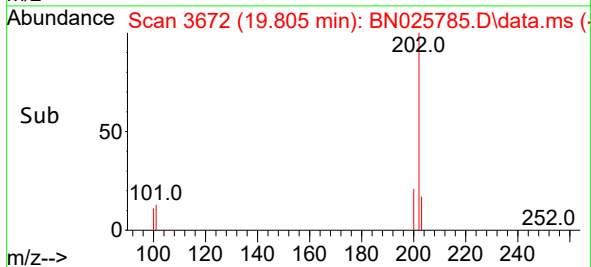
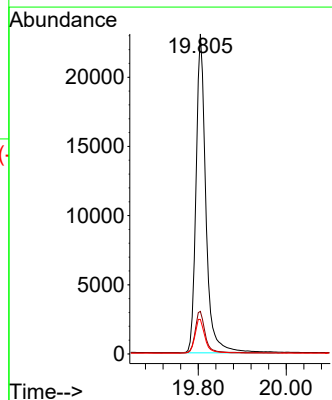
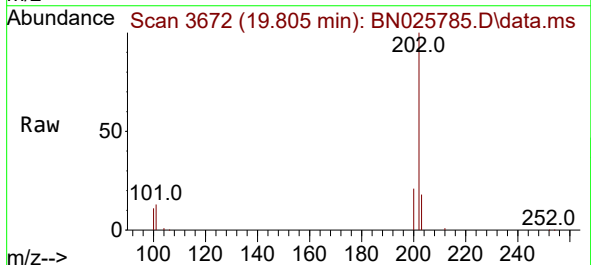
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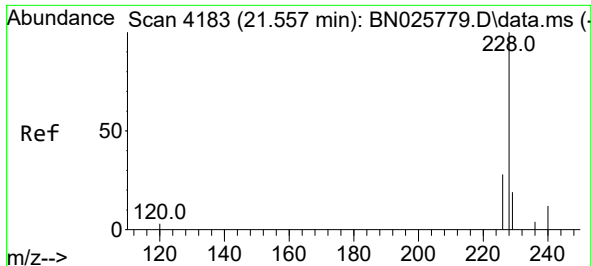
Tgt Ion:202 Resp: 35033
Ion Ratio Lower Upper
202 100
101 11.3 9.1 13.7
100 8.7 7.0 10.6



#20
Pyrene
Concen: 0.475 ng/ul
RT: 19.805 min Scan# 3672
Delta R.T. -0.000 min
Lab File: BN025785.D
Acq: 12 Jun 2023 17:09

Tgt Ion:202 Resp: 35836
Ion Ratio Lower Upper
202 100
101 13.3 10.4 15.6
100 10.8 8.8 13.2

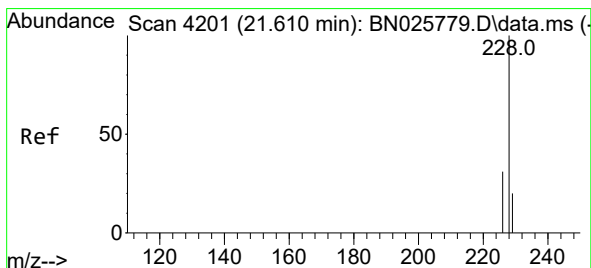
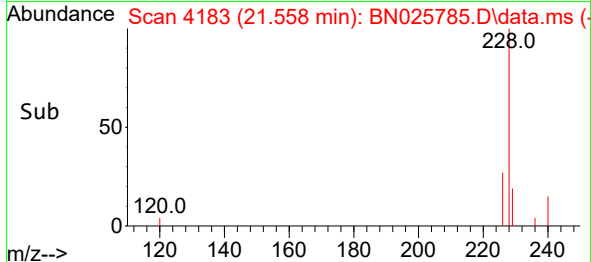
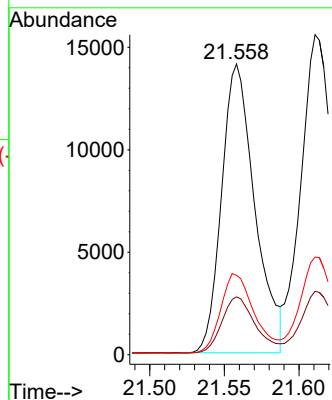
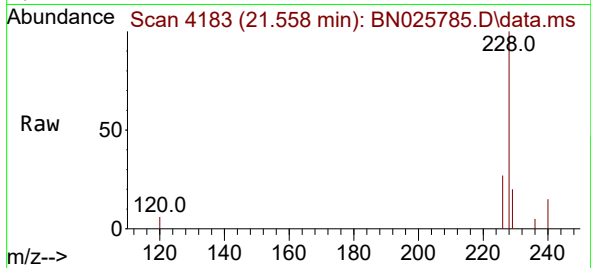




#21
Benzo(a)anthracene
Concen: 0.430 ng/ul
RT: 21.558 min Scan# 4183
Delta R.T. 0.006 min
Lab File: BN025785.D
Acq: 12 Jun 2023 17:09

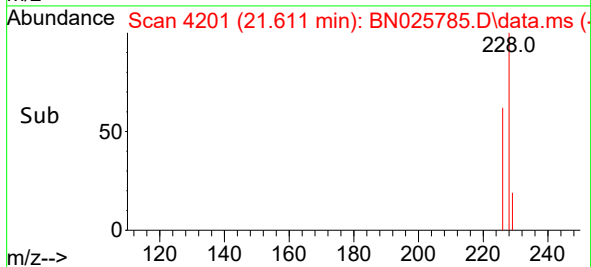
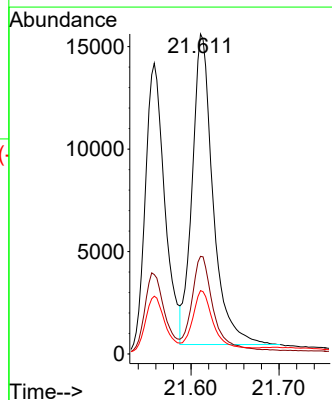
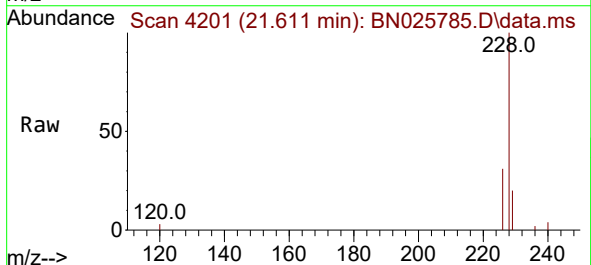
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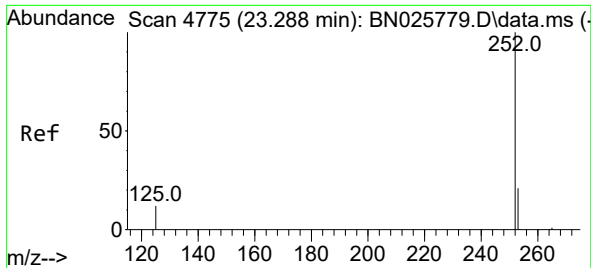
Tgt Ion:228 Resp: 21873
Ion Ratio Lower Upper
228 100
229 19.9 15.5 23.3
226 27.3 22.0 33.0



#22
Chrysene
Concen: 0.428 ng/ul
RT: 21.611 min Scan# 4201
Delta R.T. 0.003 min
Lab File: BN025785.D
Acq: 12 Jun 2023 17:09

Tgt Ion:228 Resp: 24891
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 19.8 15.7 23.5

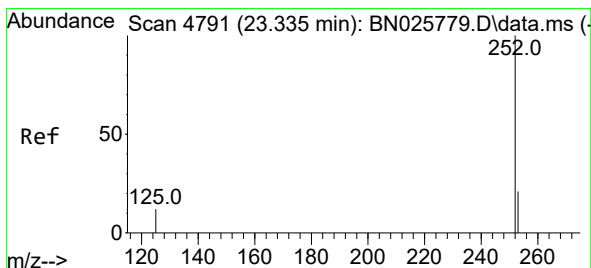
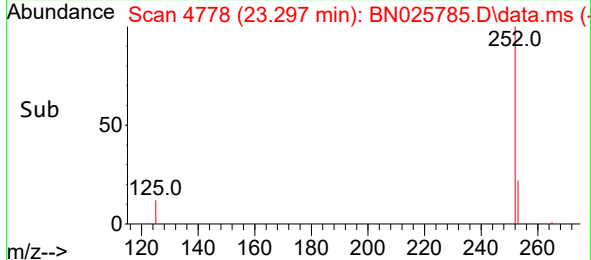
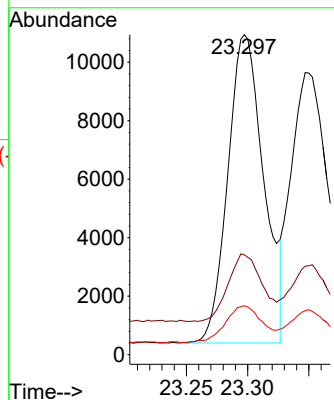
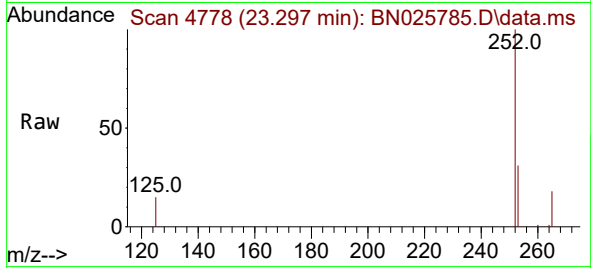




#24
Benzo(b)fluoranthene
Concen: 0.407 ng/ul
RT: 23.297 min Scan# 4778
Delta R.T. 0.006 min
Lab File: BN025785.D
Acq: 12 Jun 2023 17:09

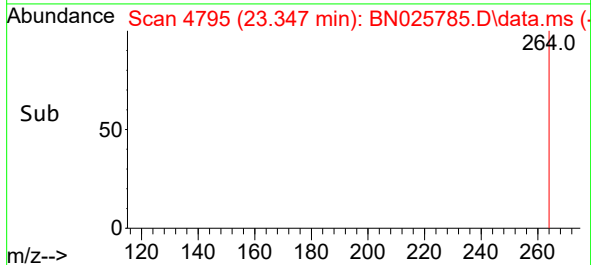
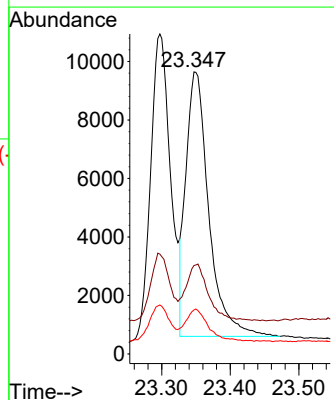
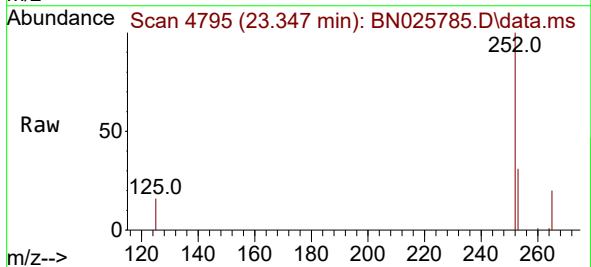
Instrument :
BNA_N
ClientSampleId :
SLCS137

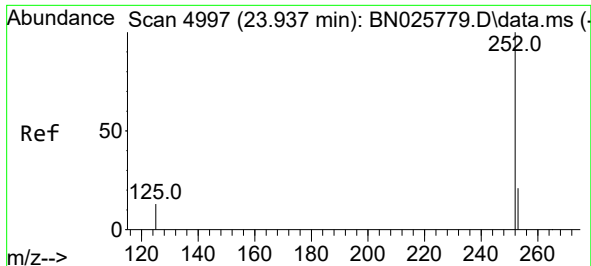
Tgt Ion:252 Resp: 21540
Ion Ratio Lower Upper
252 100
253 31.2 0.0 56.0
125 15.3 0.0 28.0



#25
Benzo(k)fluoranthene
Concen: 0.395 ng/ul
RT: 23.347 min Scan# 4795
Delta R.T. 0.006 min
Lab File: BN025785.D
Acq: 12 Jun 2023 17:09

Tgt Ion:252 Resp: 20936
Ion Ratio Lower Upper
252 100
253 31.3 23.3 34.9
125 15.6 11.6 17.4

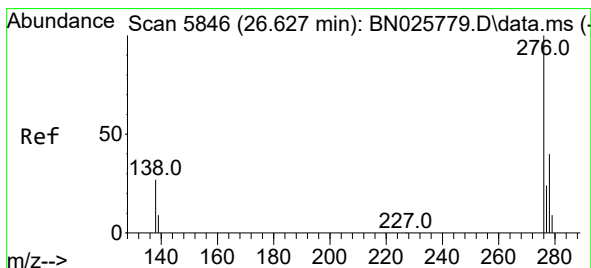
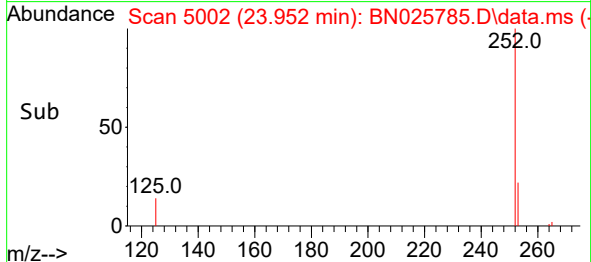
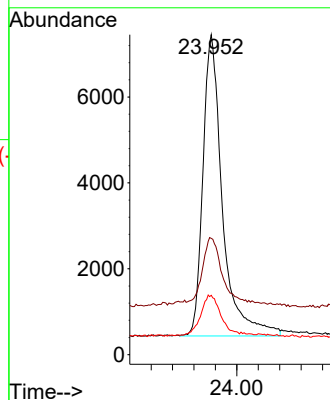
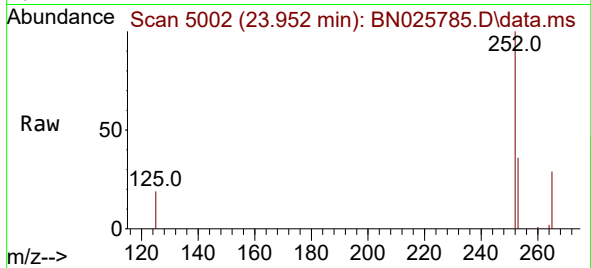




#26
Benzo(a)pyrene
Concen: 0.396 ng/ul
RT: 23.952 min Scan# 5002
Delta R.T. 0.009 min
Lab File: BN025785.D
Acq: 12 Jun 2023 17:09

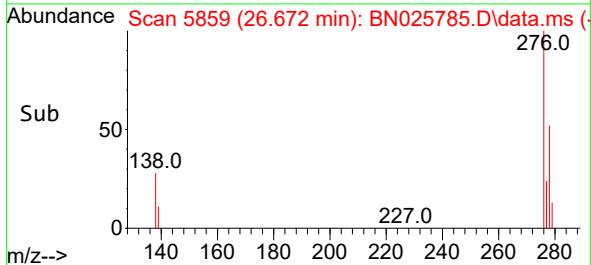
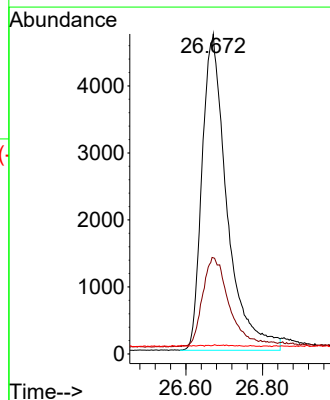
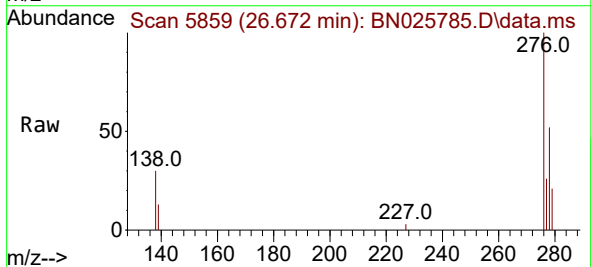
Instrument :
BNA_N
ClientSampleId :
SLCS137

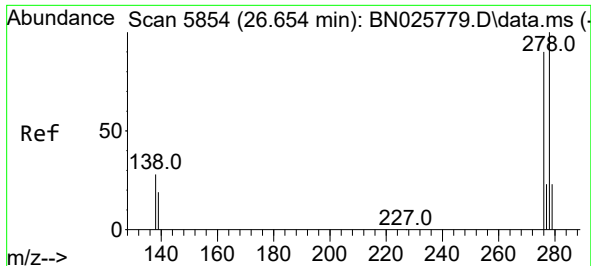
Tgt Ion:252 Resp: 17755
Ion Ratio Lower Upper
252 100
253 36.4 25.8 38.8
125 18.5 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.417 ng/ul
RT: 26.672 min Scan# 5859
Delta R.T. 0.014 min
Lab File: BN025785.D
Acq: 12 Jun 2023 17:09

Tgt Ion:276 Resp: 21326
Ion Ratio Lower Upper
276 100
138 30.4 24.6 36.8
227 0.2 0.0 0.0#

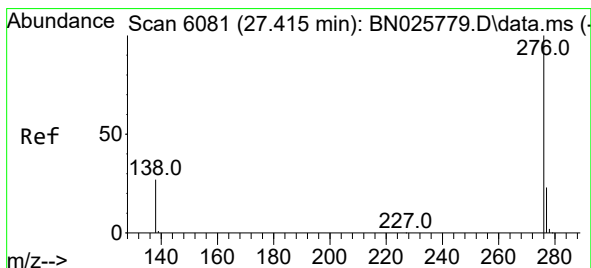
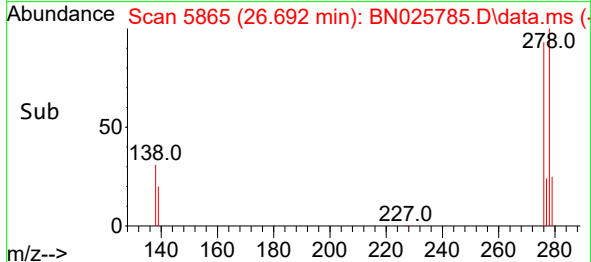
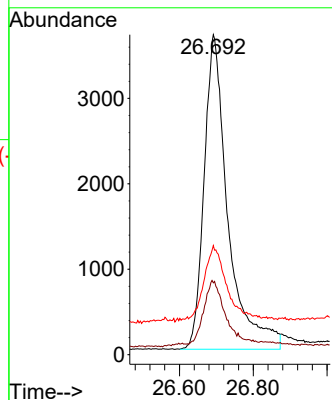
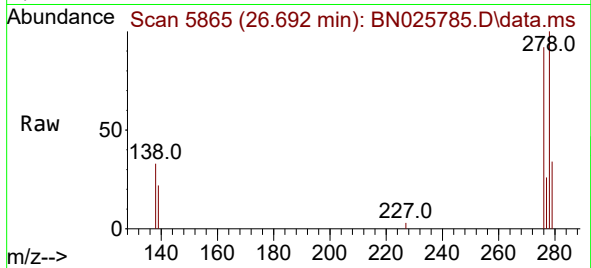




#28
 Dibenzo(a,h)anthracene
 Concen: 0.425 ng/ul
 RT: 26.692 min Scan# 5865
 Delta R.T. 0.007 min
 Lab File: BN025785.D
 Acq: 12 Jun 2023 17:09

Instrument :
 BNA_N
 ClientSampleId :
 SLCS137

Tgt Ion:278 Resp: 16436
 Ion Ratio Lower Upper
 278 100
 139 22.5 17.9 26.9
 279 34.1 25.3 37.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.421 ng/ul
 RT: 27.453 min Scan# 6092
 Delta R.T. 0.004 min
 Lab File: BN025785.D
 Acq: 12 Jun 2023 17:09

Tgt Ion:276 Resp: 19316
 Ion Ratio Lower Upper
 276 100
 138 28.7 21.8 32.8
 277 24.7 19.4 29.2

