

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024707.D
 Acq On : 01 Apr 2023 08:43
 Operator : CG/JU
 Sample : PB151700BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS700

Quant Time: Apr 03 01:36:05 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 01 04:05:52 2023
 Response via : Initial Calibration

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

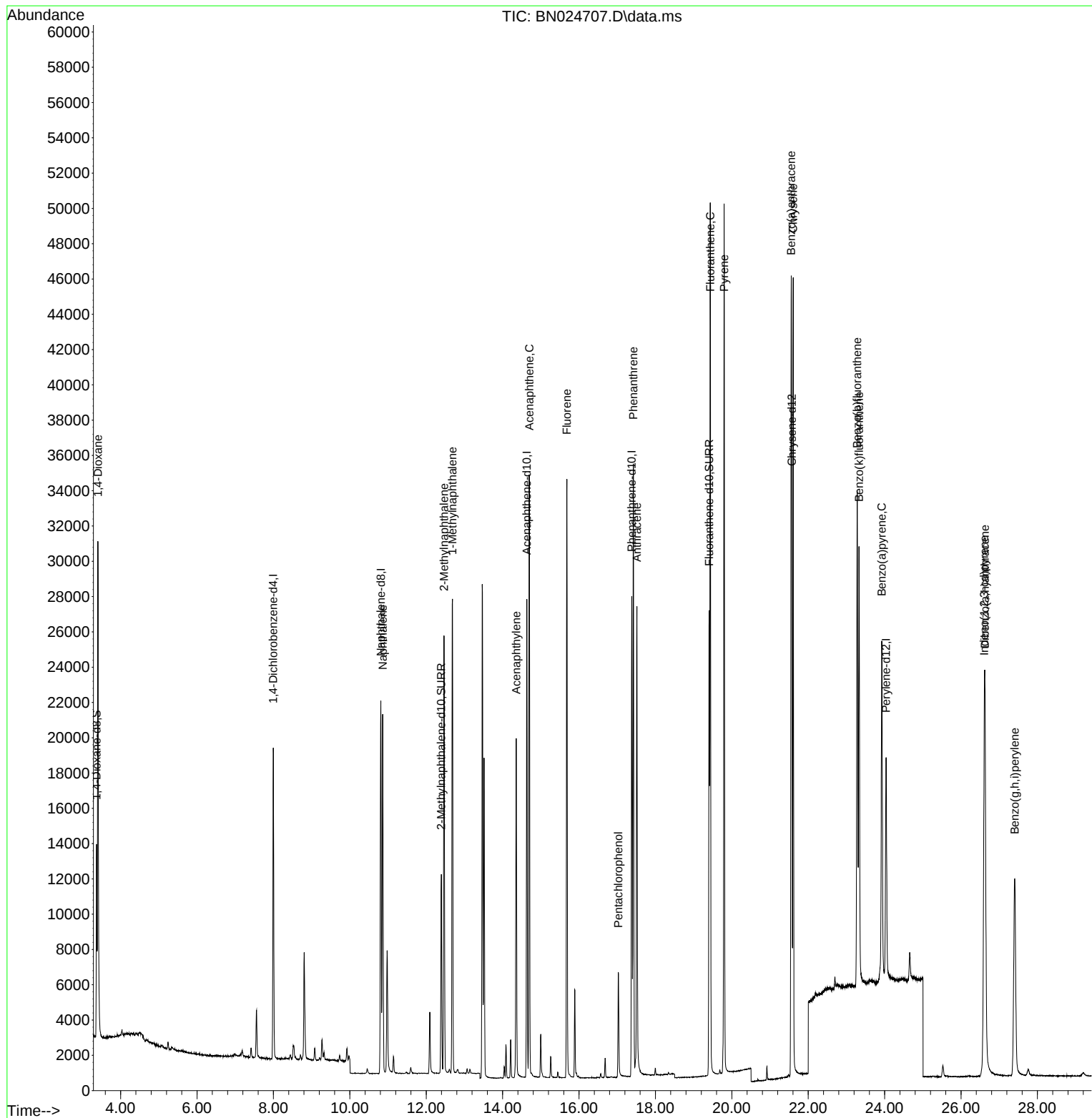
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	9046	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	27100	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	14609	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	31356	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	23418	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	19137	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	6594	0.710	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.395	152	14120	0.422	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	28220	0.492	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	17694	1.811	ng/ul	92
5) Naphthalene	10.861	128	27467	0.413	ng/ul	100
7) 2-Methylnaphthalene	12.467	142	17204	0.415	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	18457	0.426	ng/ul	100
10) Acenaphthylene	14.356	152	22114	0.428	ng/ul	99
11) Acenaphthene	14.698	153	19366	0.432	ng/ul	100
12) Fluorene	15.683	166	21693	0.424	ng/ul	98
14) Pentachlorophenol	17.029	266	4219	0.622	ng/ul	99
15) Phenanthrene	17.422	178	36621	0.426	ng/ul	100
16) Anthracene	17.514	178	30505	0.425	ng/ul	100
19) Fluoranthene	19.436	202	40901	0.496	ng/ul	99
20) Pyrene	19.799	202	41364	0.492	ng/ul	98
21) Benzo(a)anthracene	21.554	228	35782	0.509	ng/ul	99
22) Chrysene	21.606	228	38022	0.491	ng/ul	100
24) Benzo(b)fluoranthene	23.284	252	36599	0.460	ng/ul	99
25) Benzo(k)fluoranthene	23.331	252	34402	0.450	ng/ul	98
26) Benzo(a)pyrene	23.927	252	29363	0.470	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.609	276	33265	0.447	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.629	278	26337	0.442	ng/ul	99
29) Benzo(g,h,i)perylene	27.407	276	27450	0.428	ng/ul	99

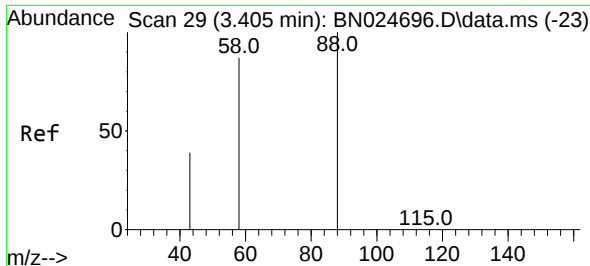
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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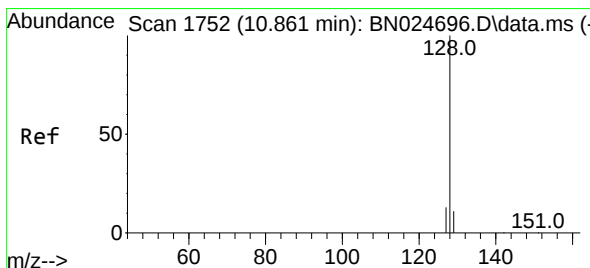
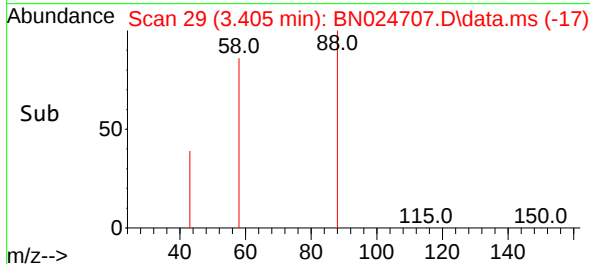
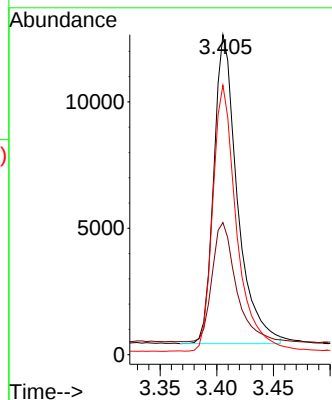
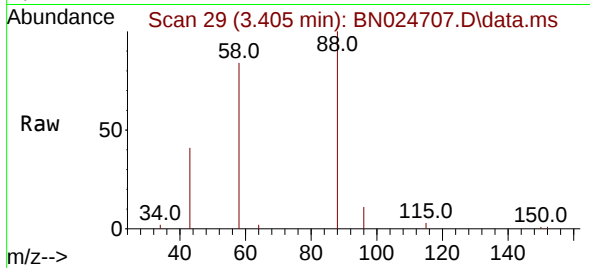




#2
1,4-Dioxane
Concen: 1.811 ng/ul
RT: 3.405 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

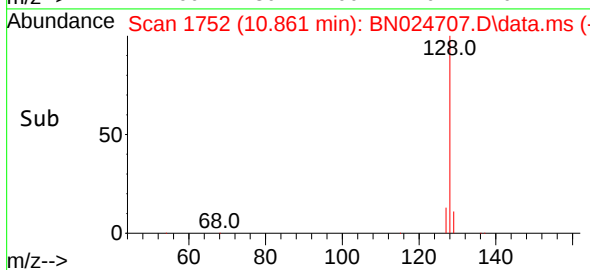
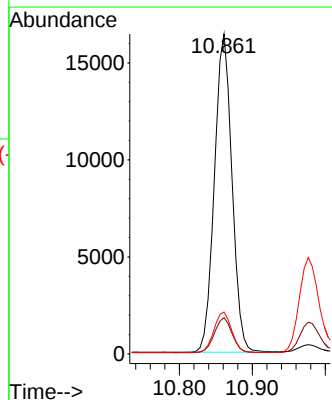
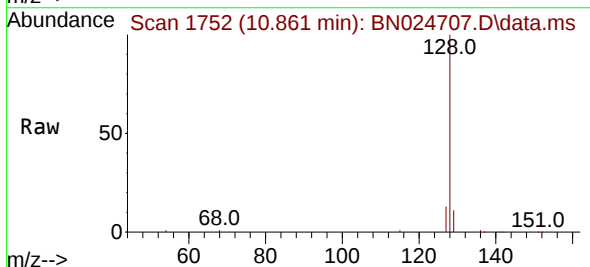
Instrument :
BNA_N
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SLCS700

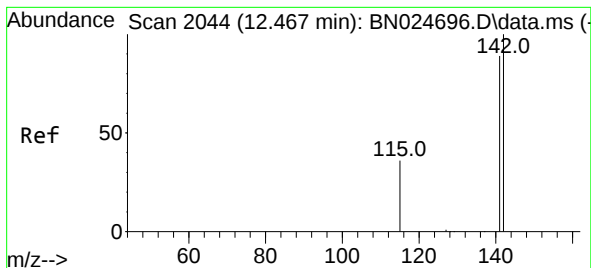
Tgt Ion: 88 Resp: 17694
Ion Ratio Lower Upper
88 100
43 41.3 37.2 55.8
58 84.2 61.5 92.3



#5
Naphthalene
Concen: 0.413 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

Tgt Ion: 128 Resp: 27467
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.1 10.5 15.7

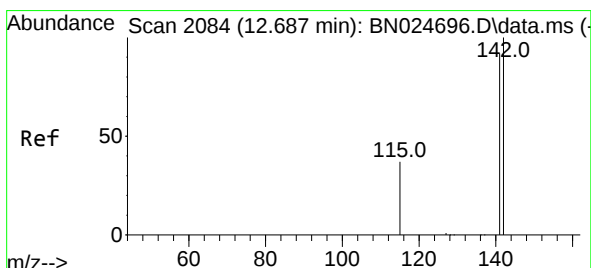
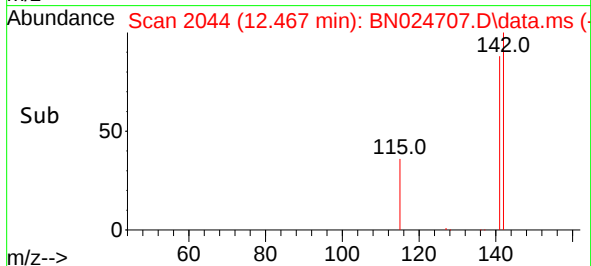
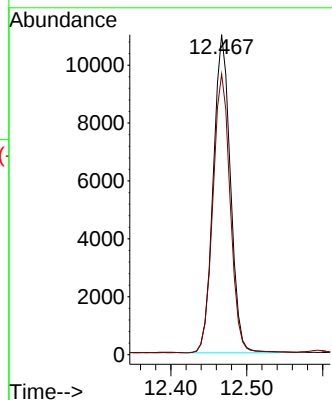
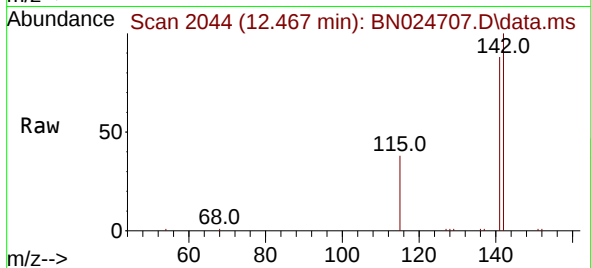




#7
2-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.467 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

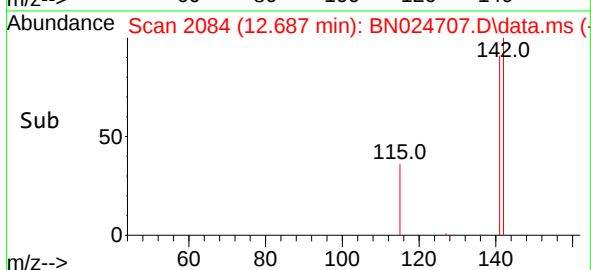
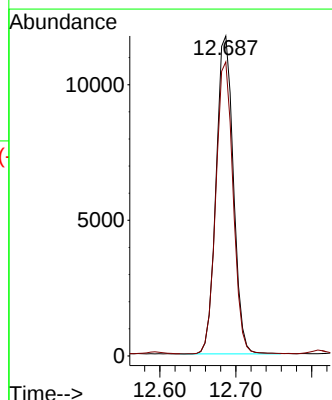
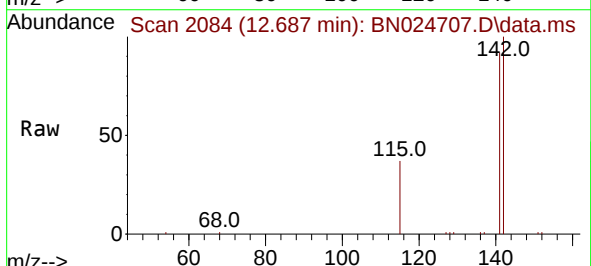
Instrument :
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ClientSampleId :
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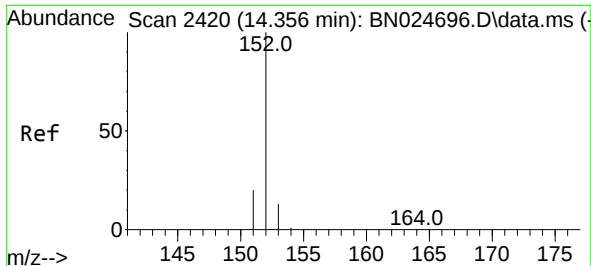
Tgt Ion:142 Resp: 17204
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

Tgt Ion:142 Resp: 18457
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3

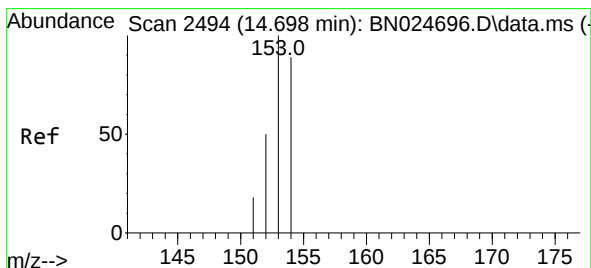
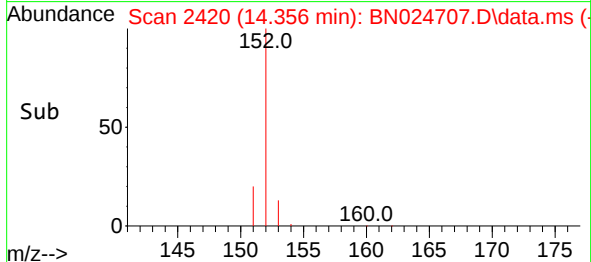
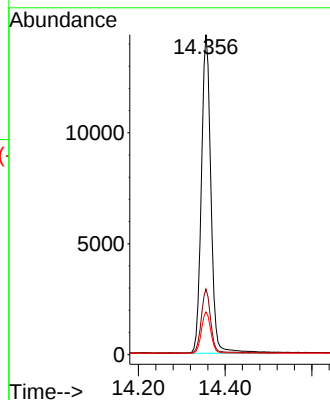
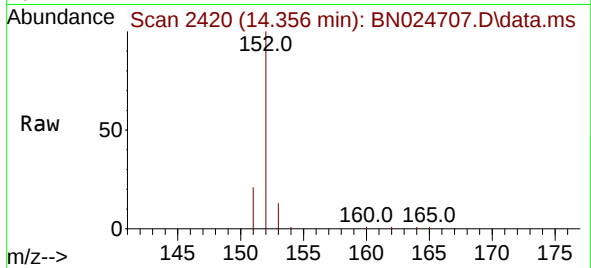




#10
Acenaphthylene
Concen: 0.428 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

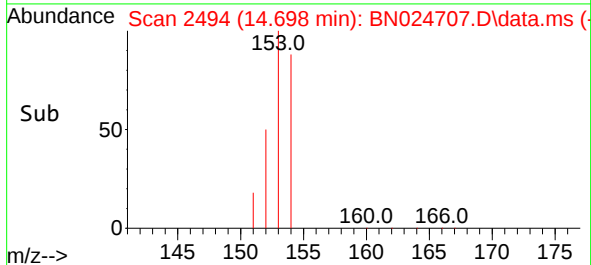
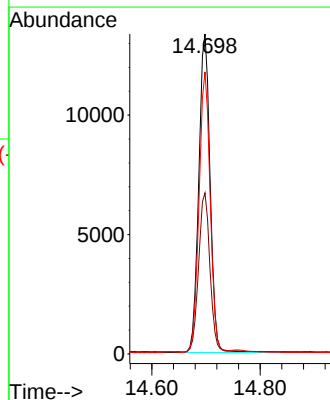
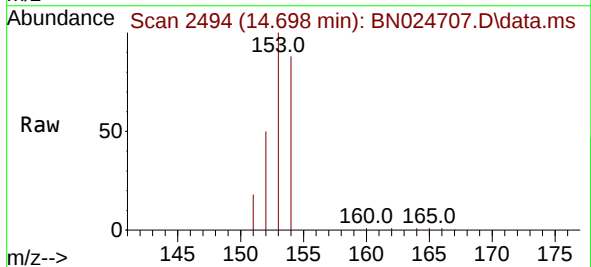
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SLCS700

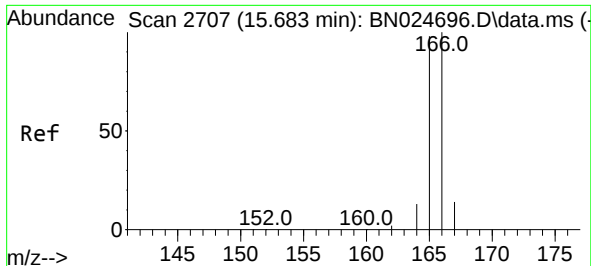
Tgt Ion:152 Resp: 22114
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.432 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. -0.000 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

Tgt Ion:153 Resp: 19366
Ion Ratio Lower Upper
153 100
152 50.4 40.3 60.5
154 88.1 71.0 106.4

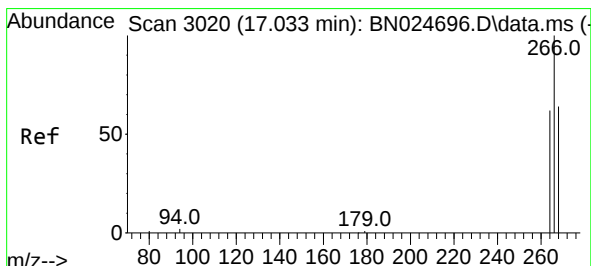
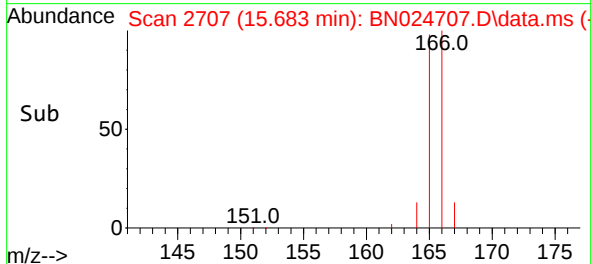
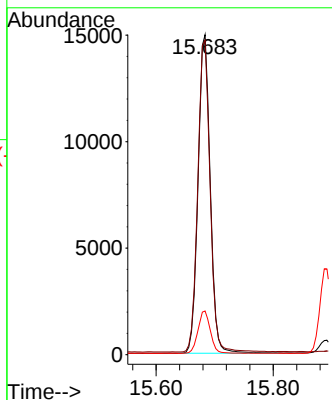
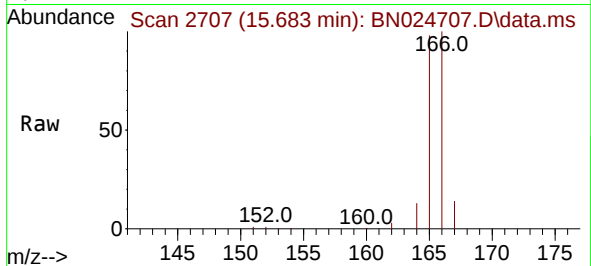




#12
Fluorene
Concen: 0.424 ng/ul
RT: 15.683 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

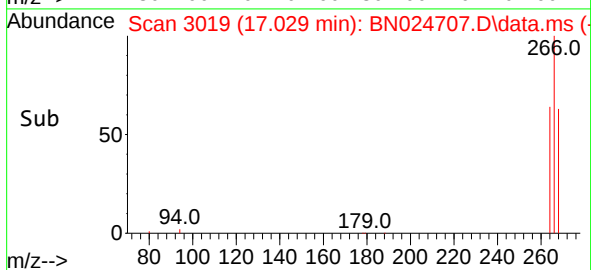
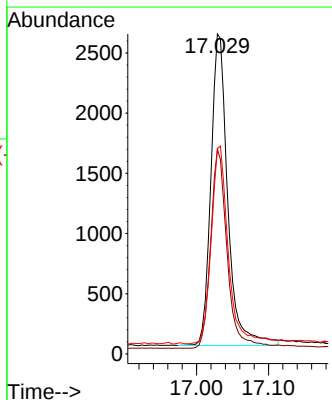
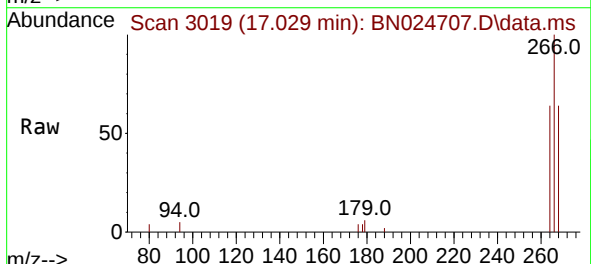
Instrument :
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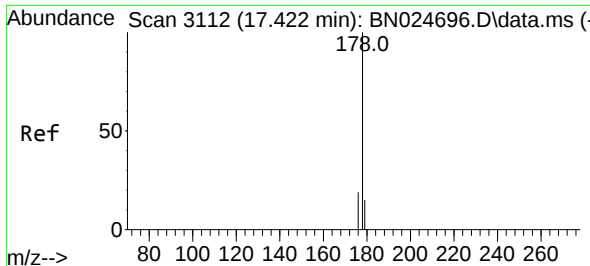
Tgt Ion:166 Resp: 21693
Ion Ratio Lower Upper
166 100
165 98.2 80.0 120.0
167 13.7 10.8 16.2



#14
Pentachlorophenol
Concen: 0.622 ng/ul
RT: 17.029 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

Tgt Ion:266 Resp: 4219
Ion Ratio Lower Upper
266 100
264 62.5 49.6 74.4
268 63.9 52.6 78.8

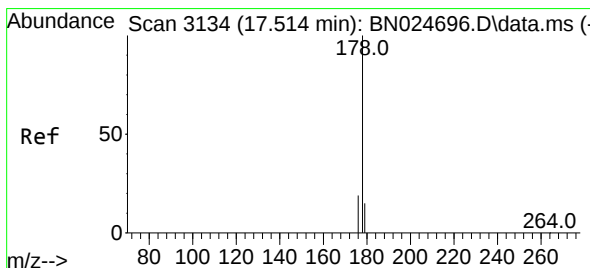
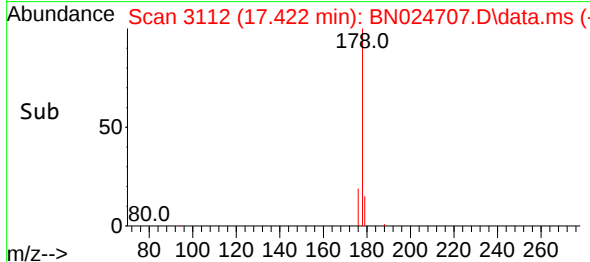
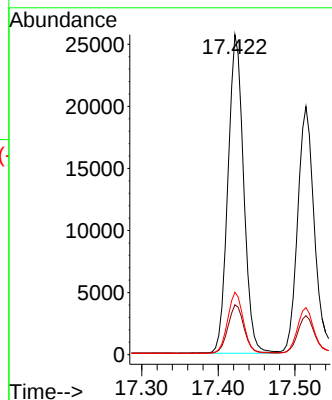
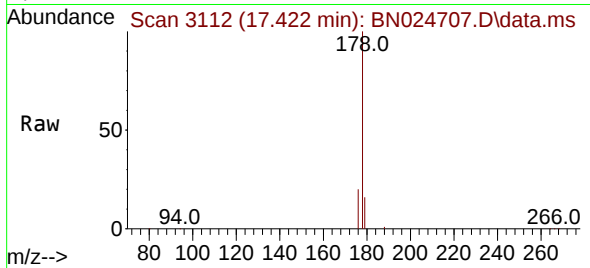




#15
Phenanthrene
Concen: 0.426 ng/u1
RT: 17.422 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

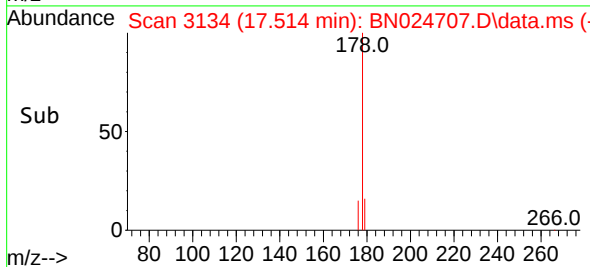
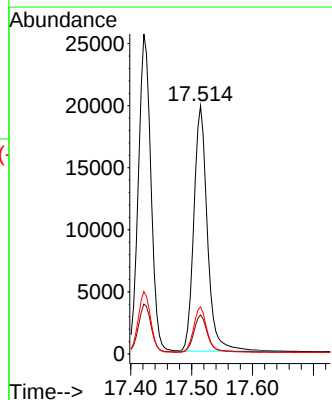
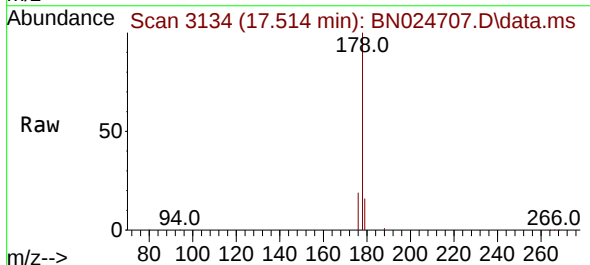
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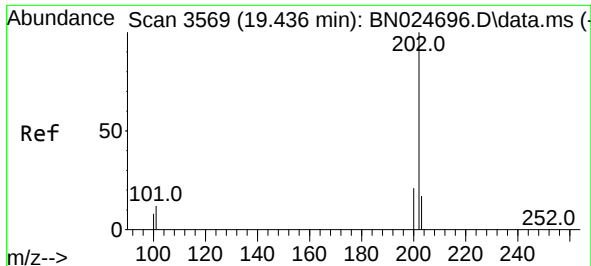
Tgt Ion:178 Resp: 36621
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.5 15.5 23.3



#16
Anthracene
Concen: 0.425 ng/u1
RT: 17.514 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

Tgt Ion:178 Resp: 30505
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.0 15.2 22.8

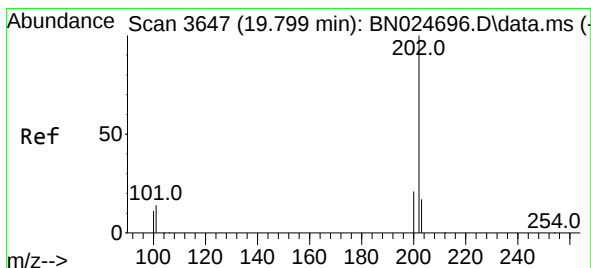
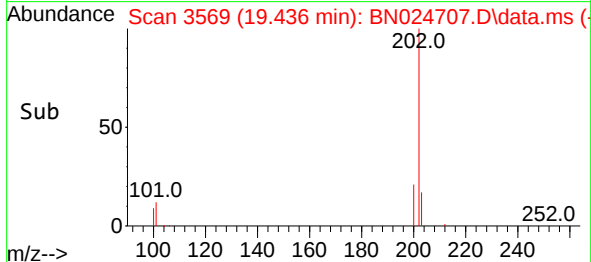
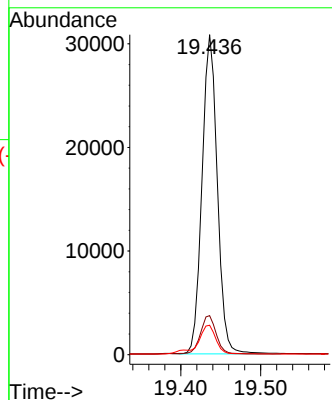
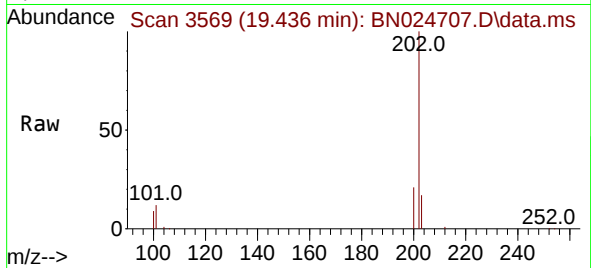




#19
Fluoranthene
Concen: 0.496 ng/ul
RT: 19.436 min Scan# 3569
Delta R.T. 0.000 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

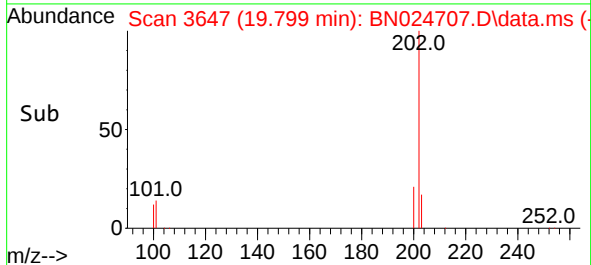
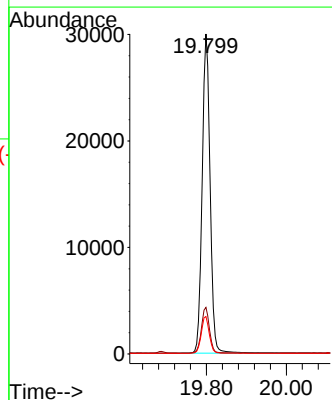
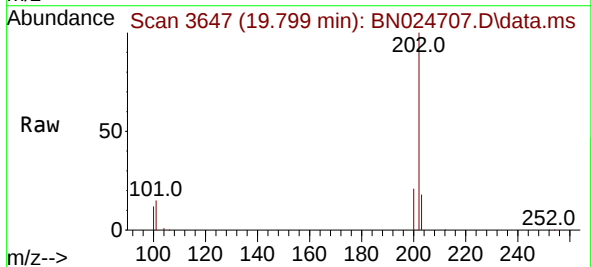
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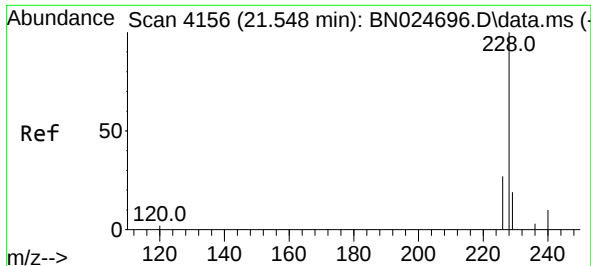
Tgt Ion:202 Resp: 40901
Ion Ratio Lower Upper
202 100
101 12.2 9.6 14.4
100 9.2 7.0 10.6



#20
Pyrene
Concen: 0.492 ng/ul
RT: 19.799 min Scan# 3647
Delta R.T. 0.000 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

Tgt Ion:202 Resp: 41364
Ion Ratio Lower Upper
202 100
101 14.6 10.9 16.3
100 11.7 8.7 13.1

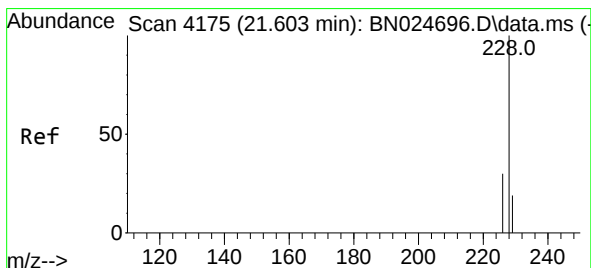
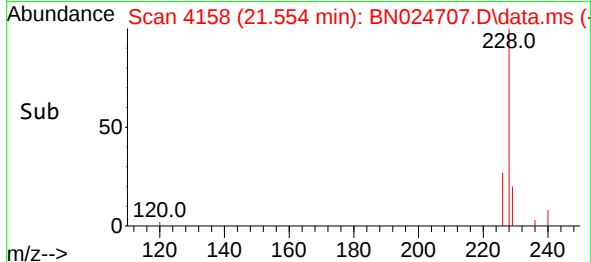
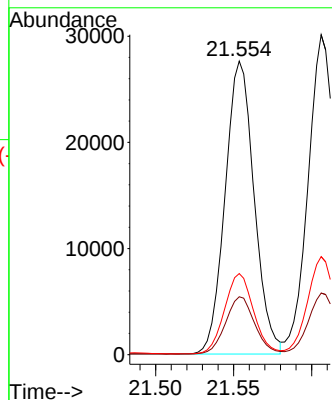
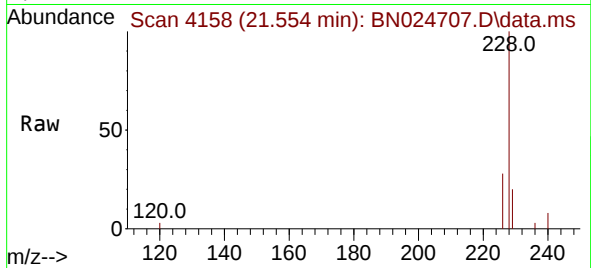




#21
Benzo(a)anthracene
Concen: 0.509 ng/ul
RT: 21.554 min Scan# 4156
Delta R.T. 0.006 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

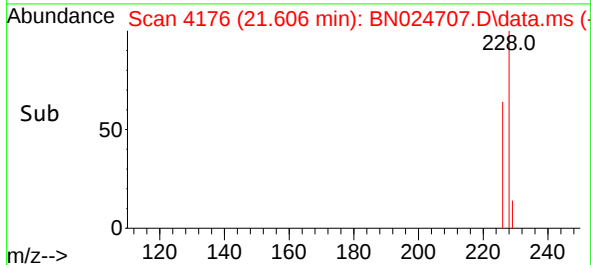
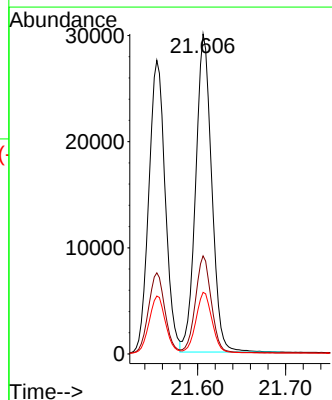
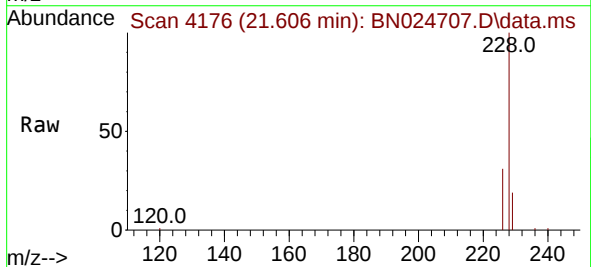
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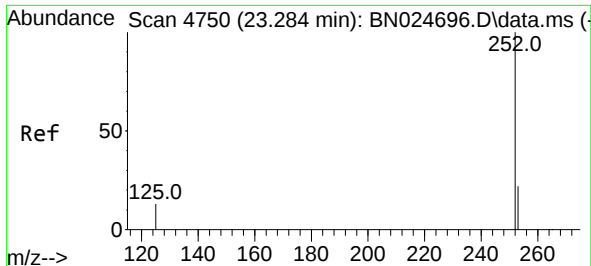
Tgt Ion:228 Resp: 35782
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.6 22.5 33.7



#22
Chrysene
Concen: 0.491 ng/ul
RT: 21.606 min Scan# 4176
Delta R.T. 0.003 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

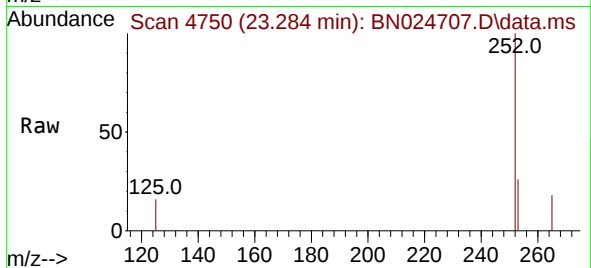
Tgt Ion:228 Resp: 38022
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.3 15.6 23.4



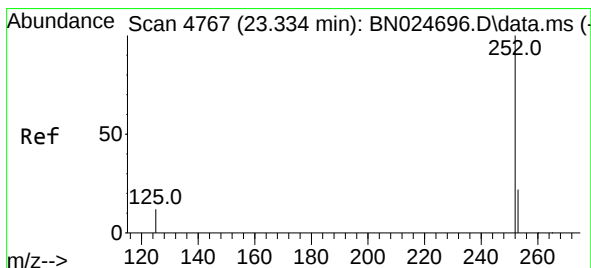
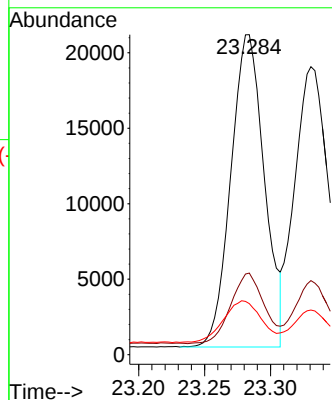
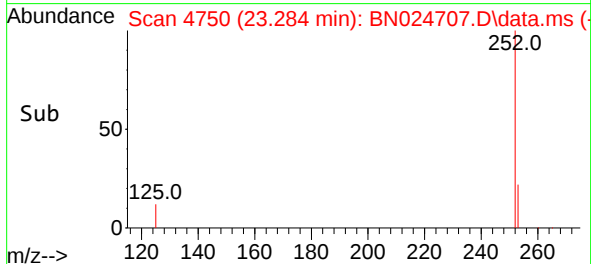


#24
Benzo(b)fluoranthene
Concen: 0.460 ng/ul
RT: 23.284 min Scan# 4750
Delta R.T. -0.000 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

Instrument :
BNA_N
ClientSampleId :
SLCS700

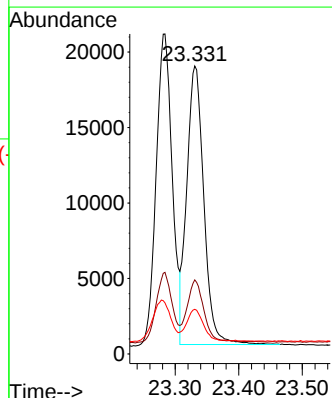
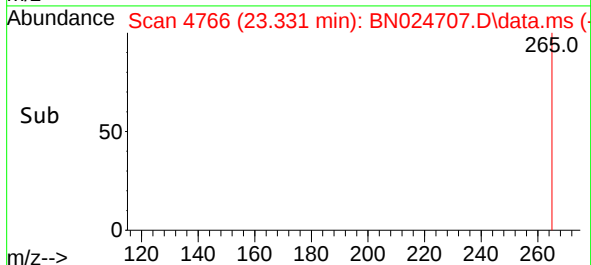
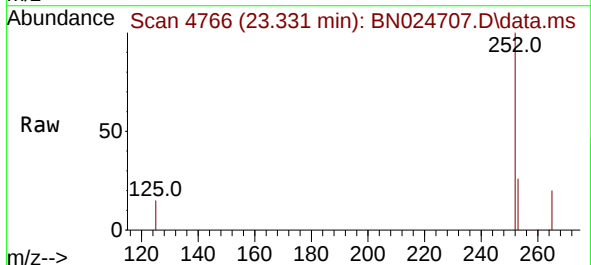


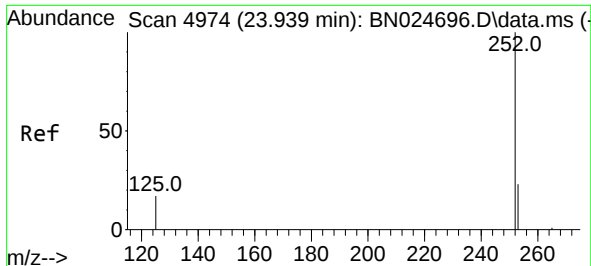
Tgt Ion:252 Resp: 36599
Ion Ratio Lower Upper
252 100
253 25.5 0.0 49.6
125 15.9 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.450 ng/ul
RT: 23.331 min Scan# 4766
Delta R.T. -0.003 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

Tgt Ion:252 Resp: 34402
Ion Ratio Lower Upper
252 100
253 25.7 20.2 30.2
125 15.5 13.1 19.7

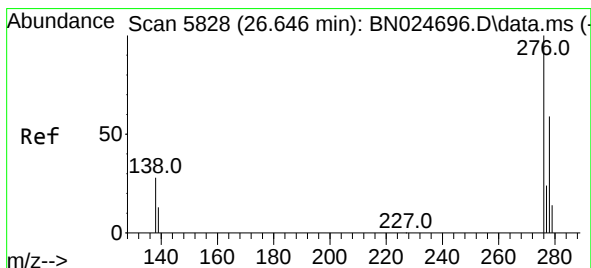
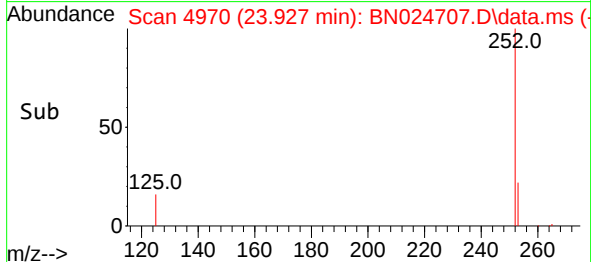
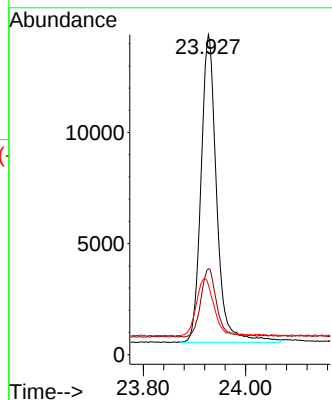
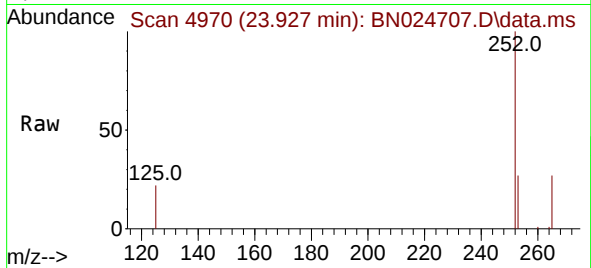




#26
Benzo(a)pyrene
Concen: 0.470 ng/ul
RT: 23.927 min Scan# 4974
Delta R.T. -0.012 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

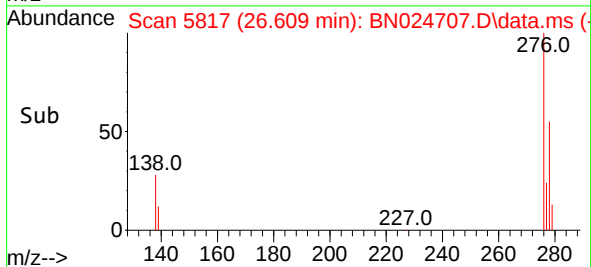
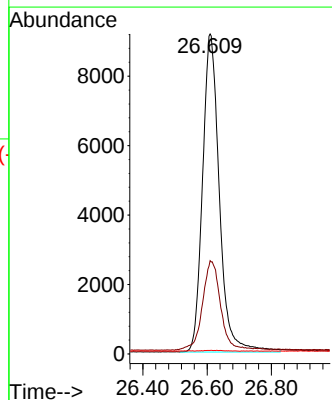
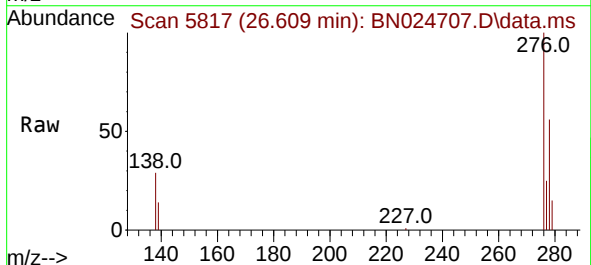
Instrument :
BNA_N
ClientSampleId :
SLCS700

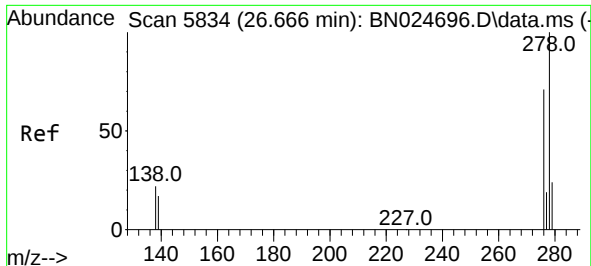
Tgt Ion:252 Resp: 29363
Ion Ratio Lower Upper
252 100
253 26.8 21.8 32.8
125 21.8 15.4 23.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng/ul
RT: 26.609 min Scan# 5817
Delta R.T. -0.037 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

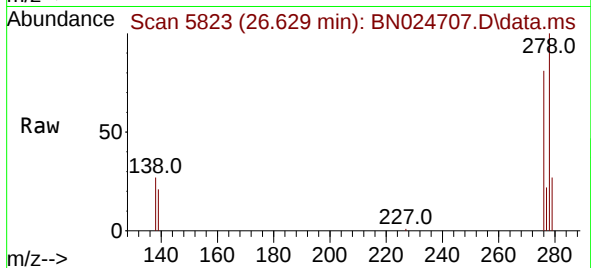
Tgt Ion:276 Resp: 33265
Ion Ratio Lower Upper
276 100
138 30.1 24.6 36.8
227 0.1 0.1 0.1



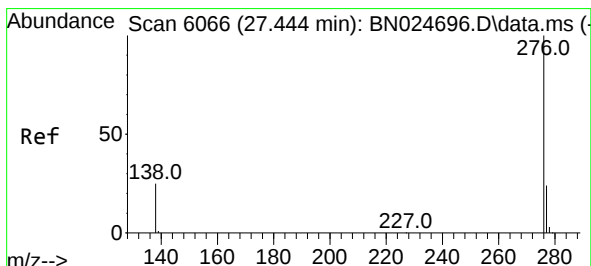
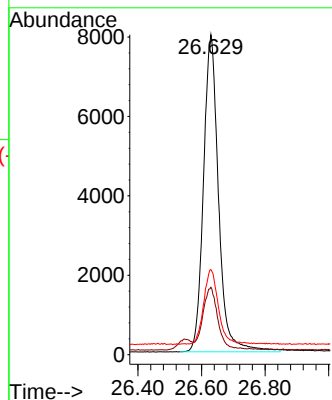
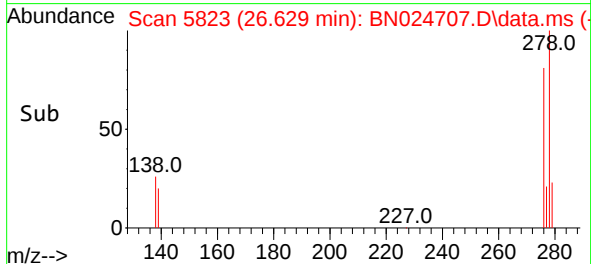


#28
Dibenzo(a,h)anthracene
Concen: 0.442 ng/ul
RT: 26.629 min Scan# 51
Delta R.T. -0.037 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

Instrument :
BNA_N
ClientSampleId :
SLCS700



Tgt Ion:278 Resp: 26337
Ion Ratio Lower Upper
278 100
139 21.1 16.5 24.7
279 26.6 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.428 ng/ul
RT: 27.407 min Scan# 6055
Delta R.T. -0.037 min
Lab File: BN024707.D
Acq: 01 Apr 2023 08:43

Tgt Ion:276 Resp: 27450
Ion Ratio Lower Upper
276 100
138 26.6 21.4 32.2
277 24.3 19.8 29.6

