

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
 Data File : BN024799.D
 Acq On : 07 Apr 2023 02:45
 Operator : CG/JU
 Sample : PB151755BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS755

Quant Time: Apr 07 03:17:02 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 : Thu Apr 06 22:57:45 2023
 Response via : Initial Calibration

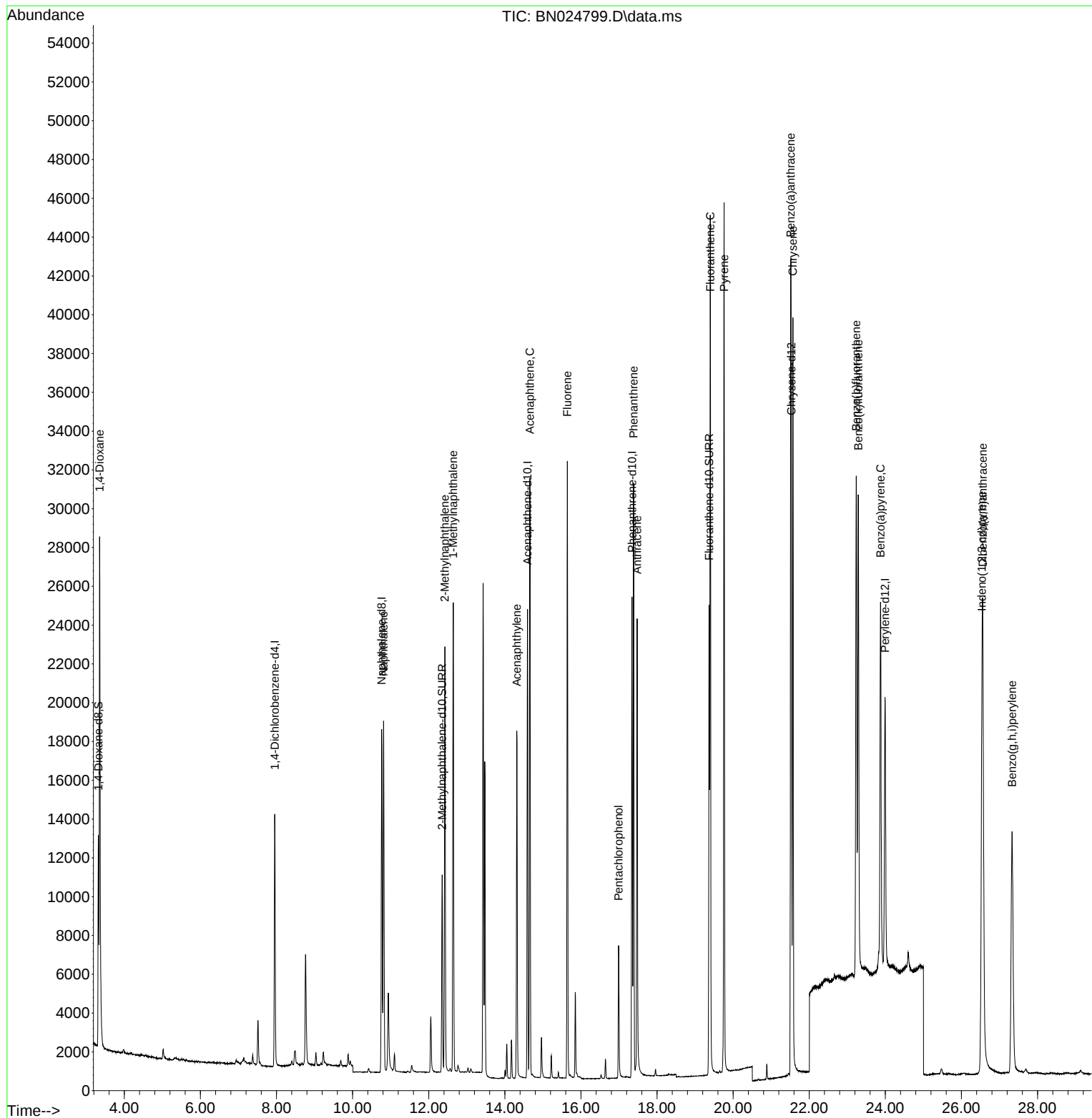
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	7109	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	22872	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	12848	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	27707	0.400	ng/ul	0.00
17) Chrysene-d12	21.531	240	23360	0.400	ng/ul	0.00
23) Perylene-d12	23.992	264	22111	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	6677	0.915	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	12932	0.458	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	26958	0.472	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	17447	2.273	ng/ul	92
5) Naphthalene	10.813	128	24796	0.441	ng/ul	100
7) 2-Methylnaphthalene	12.424	142	15573	0.445	ng/ul	100
8) 1-Methylnaphthalene	12.644	142	16423	0.449	ng/ul	100
10) Acenaphthylene	14.314	152	20659	0.455	ng/ul	100
11) Acenaphthene	14.657	153	17554	0.445	ng/ul	99
12) Fluorene	15.642	166	19542	0.434	ng/ul	99
14) Pentachlorophenol	16.991	266	4572	0.763	ng/ul	99
15) Phenanthrene	17.384	178	32453	0.427	ng/ul	100
16) Anthracene	17.477	178	27151	0.428	ng/ul	100
19) Fluoranthene	19.399	202	36316	0.441	ng/ul	99
20) Pyrene	19.762	202	36901	0.440	ng/ul	98
21) Benzo(a)anthracene	21.513	228	33650	0.479	ng/ul	99
22) Chrysene	21.571	228	36260	0.470	ng/ul	99
24) Benzo(b)fluoranthene	23.235	252	38438	0.418	ng/ul	99
25) Benzo(k)fluoranthene	23.287	252	36589	0.414	ng/ul	99
26) Benzo(a)pyrene	23.872	252	31843	0.441	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.539	276	37258	0.433	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.560	278	29227	0.424	ng/ul	98
29) Benzo(g,h,i)perylene	27.331	276	30964	0.418	ng/ul	100

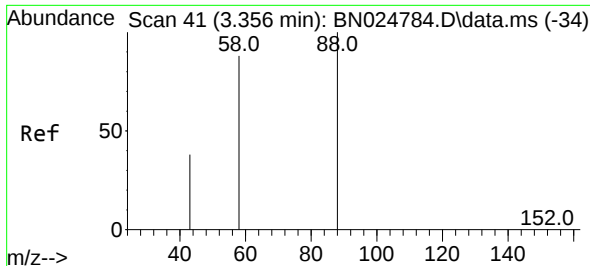
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 07 03:17:02 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 : Thu Apr 06 22:57:45 2023
Response via : Initial Calibration

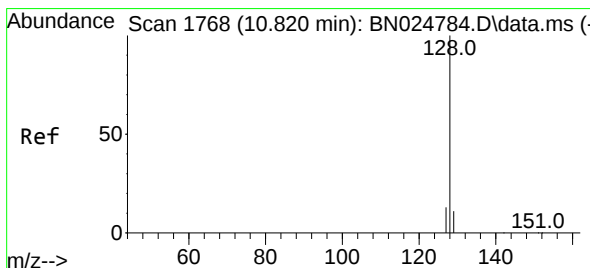
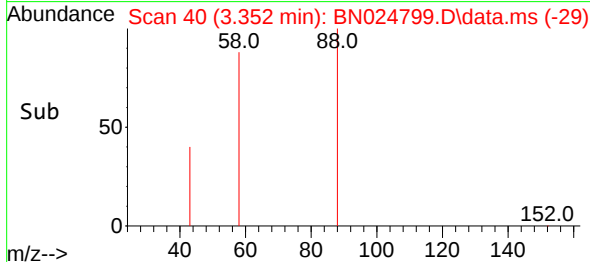
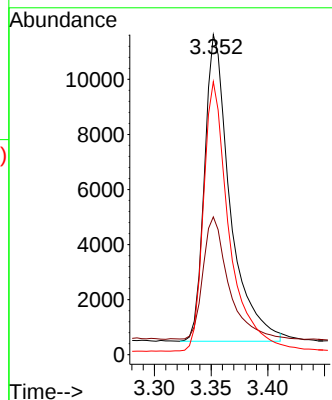
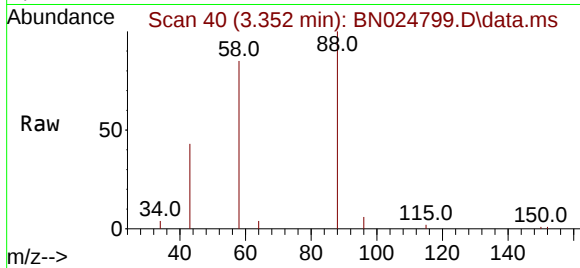




#2
1,4-Dioxane
Concen: 2.273 ng/ul
RT: 3.352 min Scan# 40
Delta R.T. -0.004 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

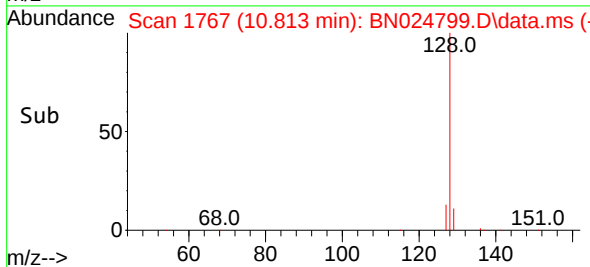
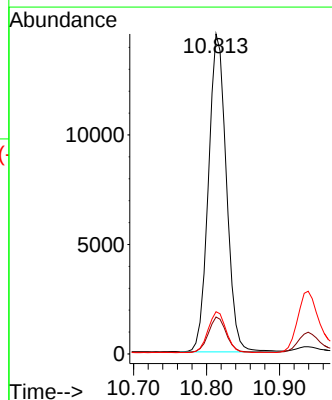
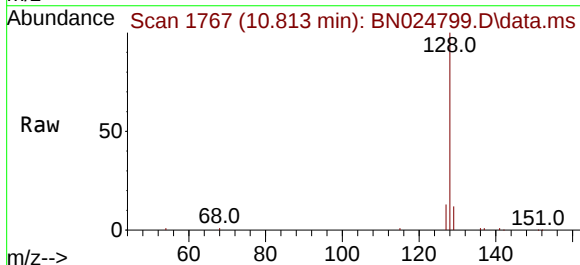
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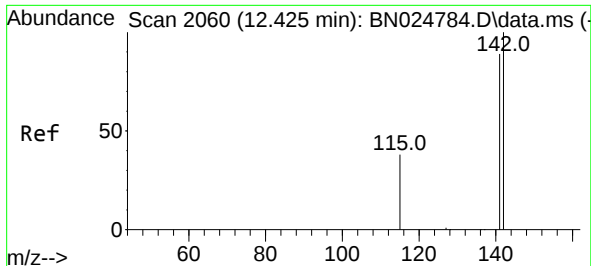
Tgt Ion: 88 Resp: 17447
Ion Ratio Lower Upper
88 100
43 43.0 37.2 55.8
58 85.3 61.5 92.3



#5
Naphthalene
Concen: 0.441 ng/ul
RT: 10.813 min Scan# 1767
Delta R.T. -0.007 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

Tgt Ion: 128 Resp: 24796
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.2 10.5 15.7

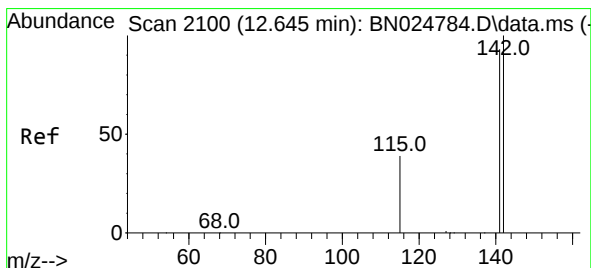
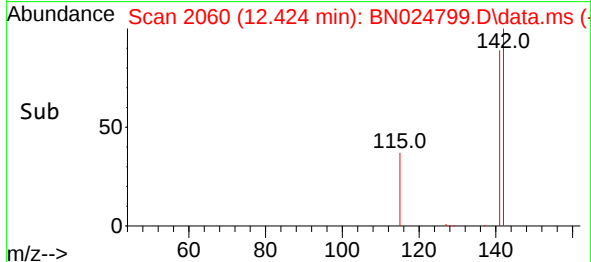
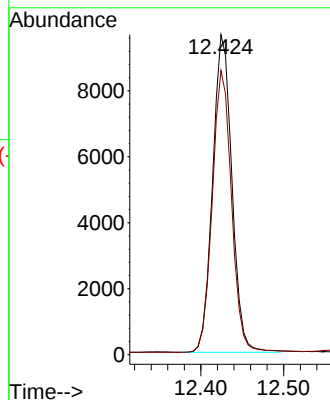
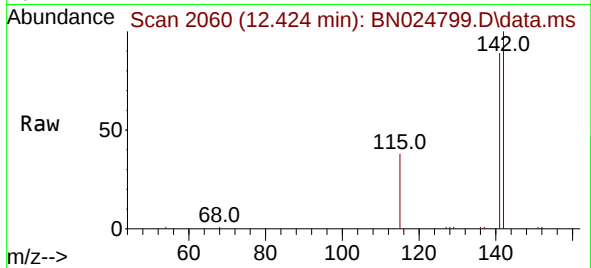




#7
2-Methylnaphthalene
Concen: 0.445 ng/ul
RT: 12.424 min Scan# 2060
Delta R.T. -0.001 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

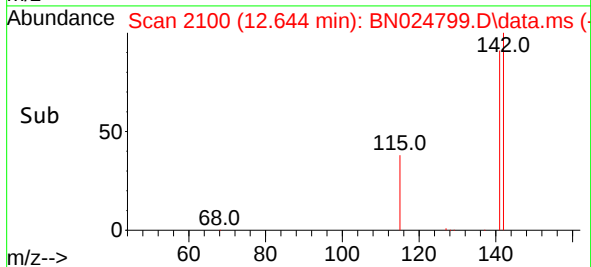
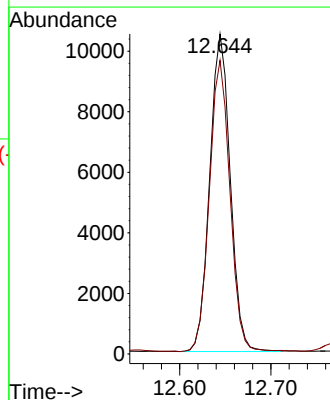
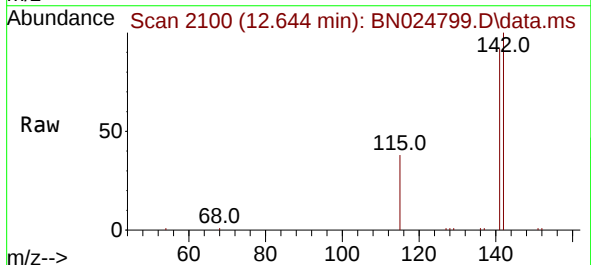
Instrument :
BNA_N
ClientSampleId :
SLCS755

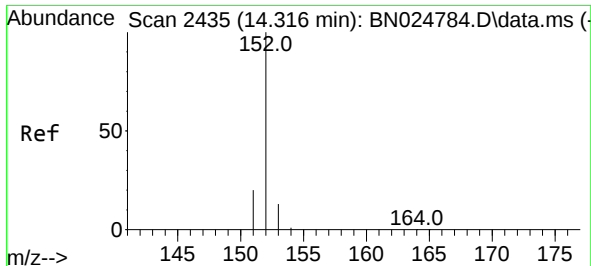
Tgt Ion:142 Resp: 15573
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.449 ng/ul
RT: 12.644 min Scan# 2100
Delta R.T. -0.001 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

Tgt Ion:142 Resp: 16423
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3

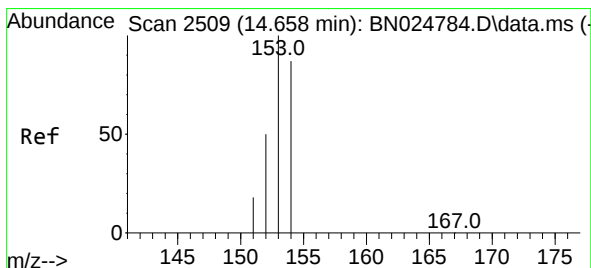
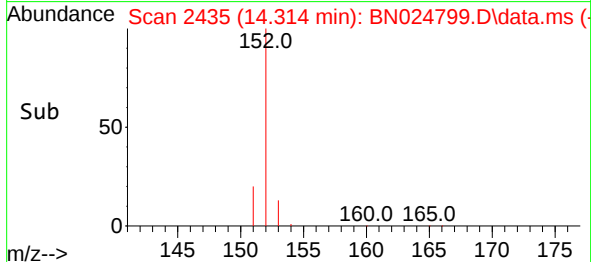
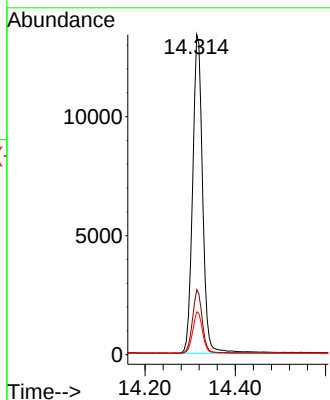
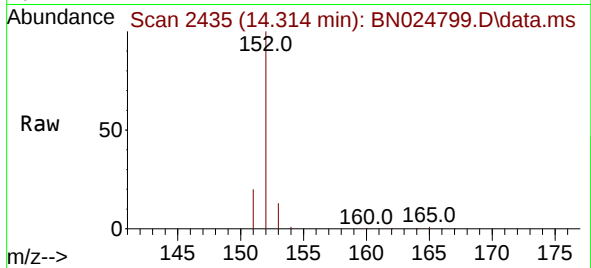




#10
Acenaphthylene
Concen: 0.455 ng/ul
RT: 14.314 min Scan# 2435
Delta R.T. -0.001 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

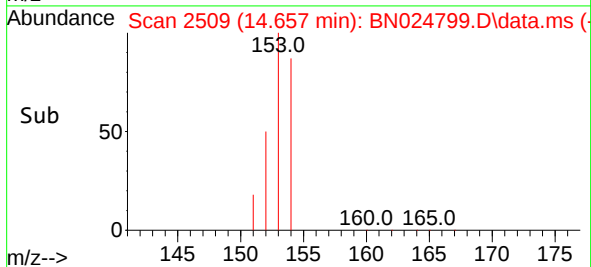
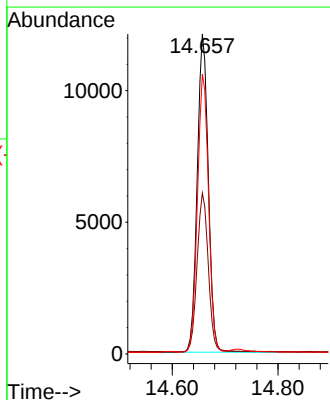
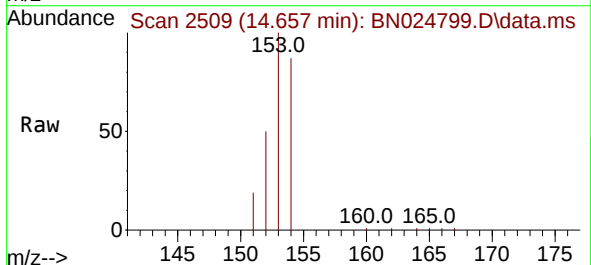
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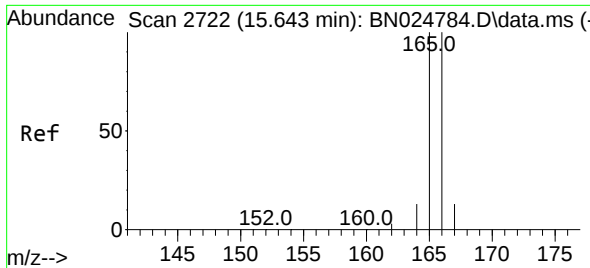
Tgt Ion:152 Resp: 20659
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.4 10.6 16.0



#11
Acenaphthene
Concen: 0.445 ng/ul
RT: 14.657 min Scan# 2509
Delta R.T. -0.001 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

Tgt Ion:153 Resp: 17554
Ion Ratio Lower Upper
153 100
152 50.3 40.3 60.5
154 87.4 71.0 106.4

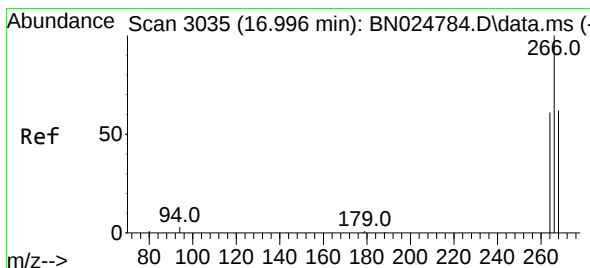
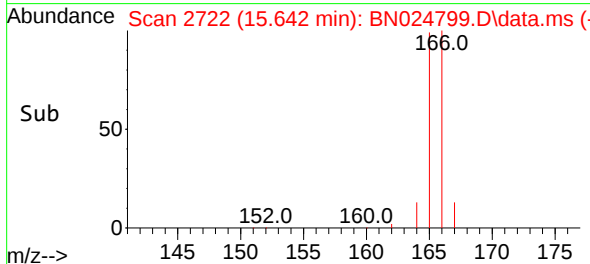
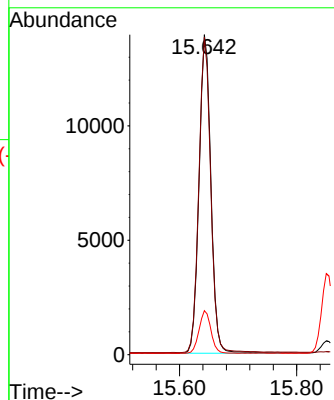
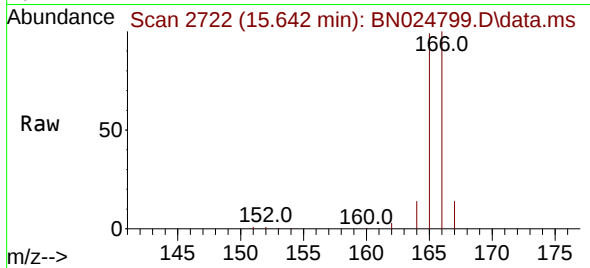




#12
 Fluorene
 Concen: 0.434 ng/ul
 RT: 15.642 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BN024799.D
 Acq: 07 Apr 2023 02:45

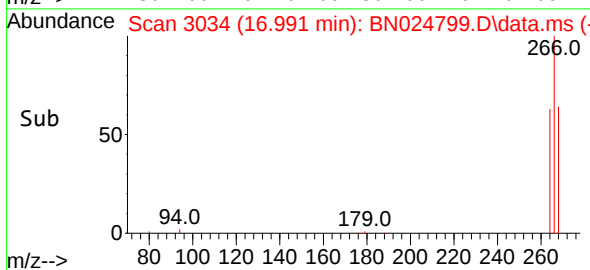
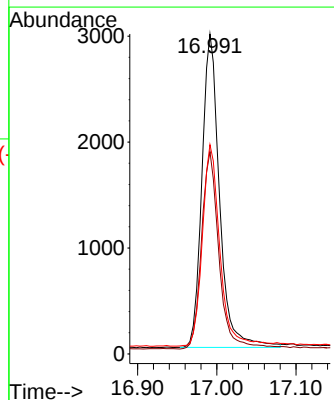
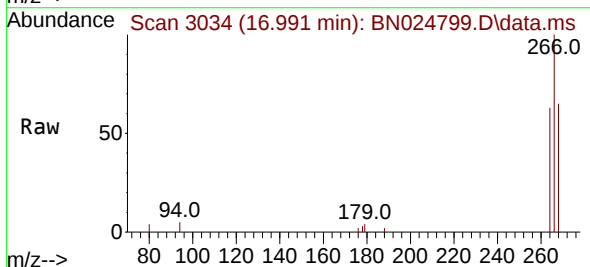
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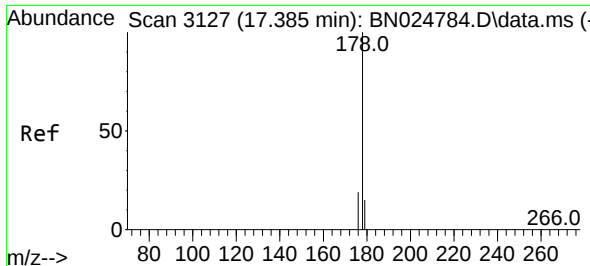
Tgt Ion:166 Resp: 19542
 Ion Ratio Lower Upper
 166 100
 165 99.2 80.0 120.0
 167 13.8 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.763 ng/ul
 RT: 16.991 min Scan# 3034
 Delta R.T. -0.005 min
 Lab File: BN024799.D
 Acq: 07 Apr 2023 02:45

Tgt Ion:266 Resp: 4572
 Ion Ratio Lower Upper
 266 100
 264 62.5 49.6 74.4
 268 64.2 52.6 78.8

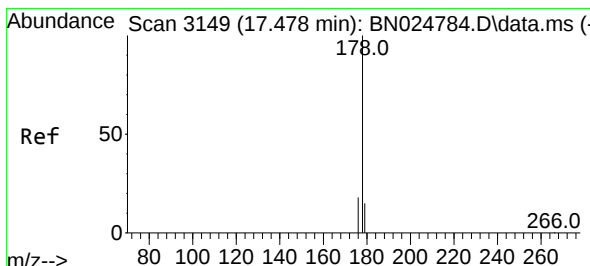
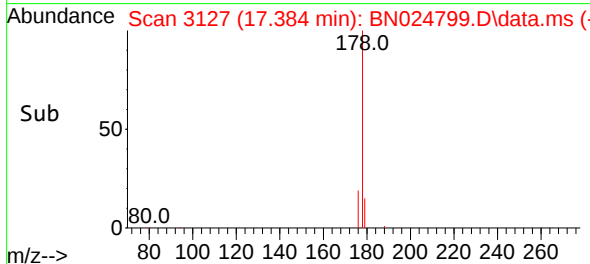
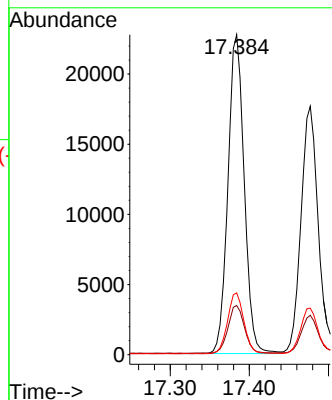
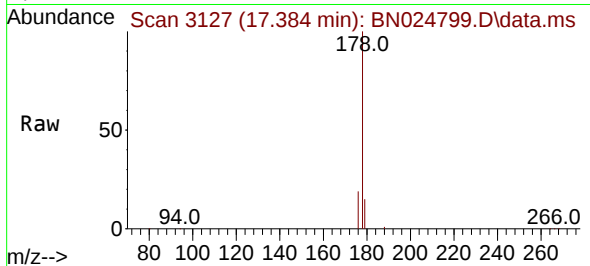




#15
Phenanthrene
Concen: 0.427 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.001 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

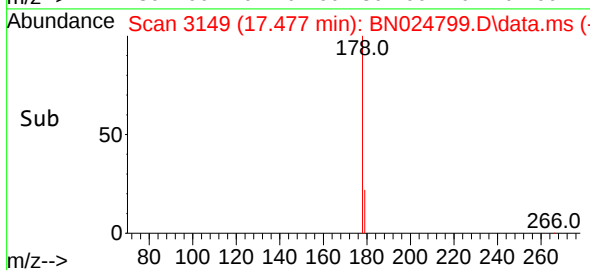
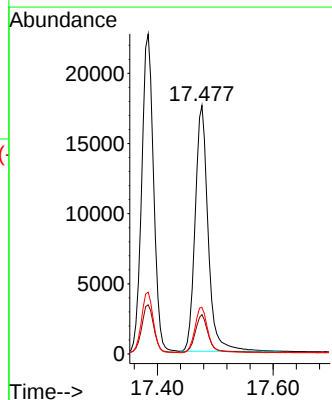
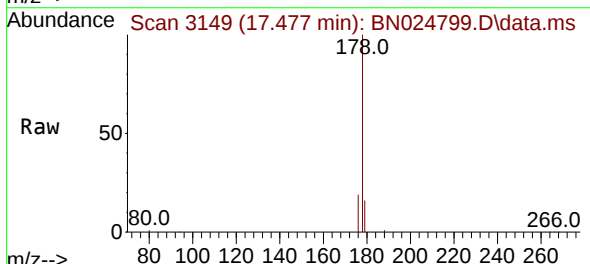
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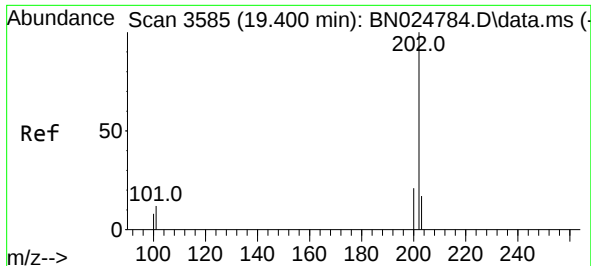
Tgt Ion:178 Resp: 32453
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.3 15.5 23.3



#16
Anthracene
Concen: 0.428 ng/ul
RT: 17.477 min Scan# 3149
Delta R.T. -0.001 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

Tgt Ion:178 Resp: 27151
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 18.8 15.2 22.8

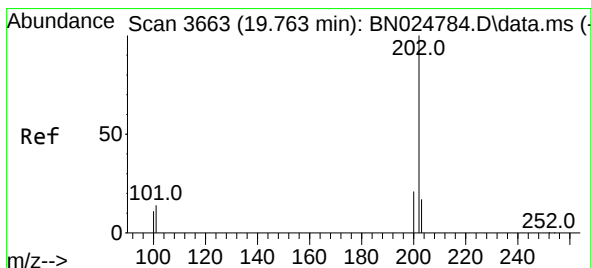
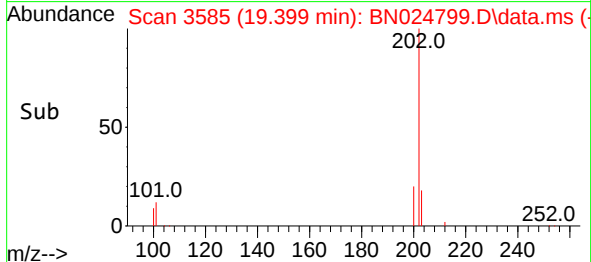
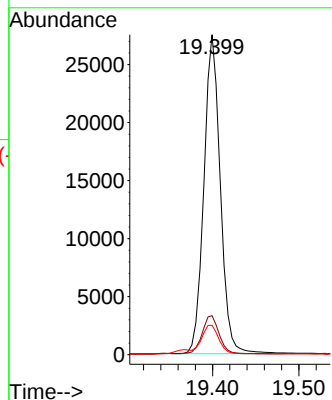
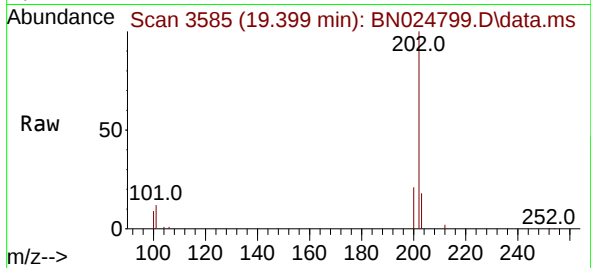




#19
Fluoranthene
Concen: 0.441 ng/ul
RT: 19.399 min Scan# 3585
Delta R.T. -0.001 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

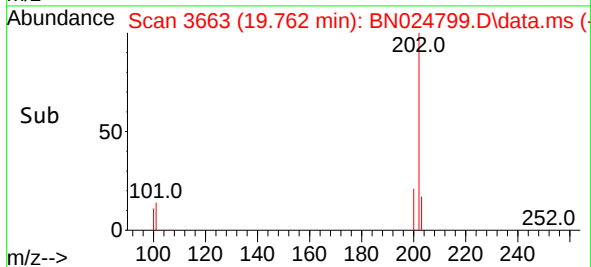
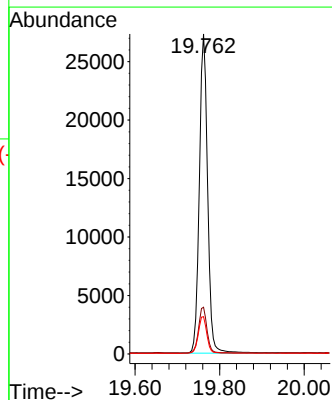
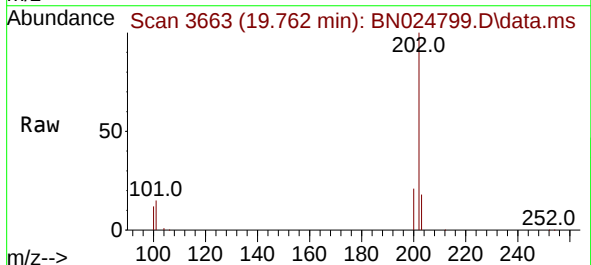
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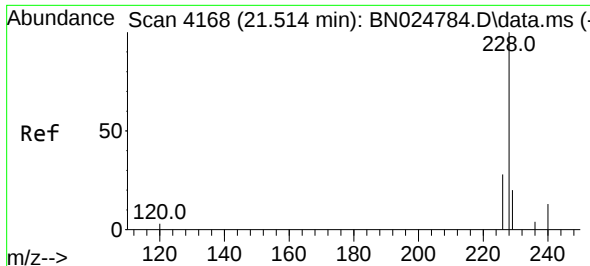
Tgt Ion:202 Resp: 36316
Ion Ratio Lower Upper
202 100
101 12.2 9.6 14.4
100 9.2 7.0 10.6



#20
Pyrene
Concen: 0.440 ng/ul
RT: 19.762 min Scan# 3663
Delta R.T. -0.001 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

Tgt Ion:202 Resp: 36901
Ion Ratio Lower Upper
202 100
101 14.6 10.9 16.3
100 11.7 8.7 13.1

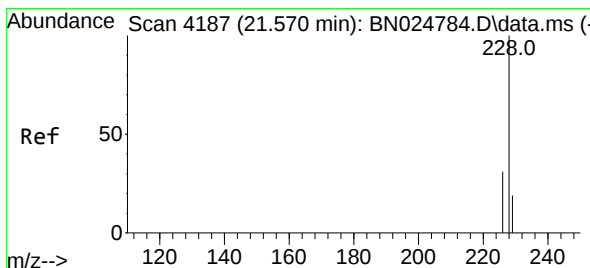
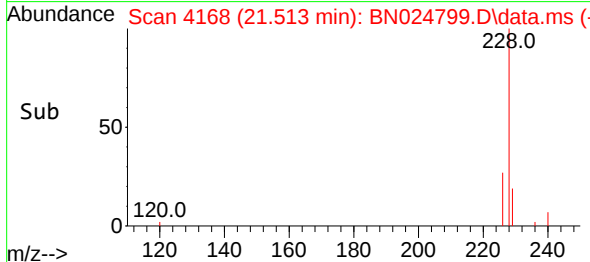
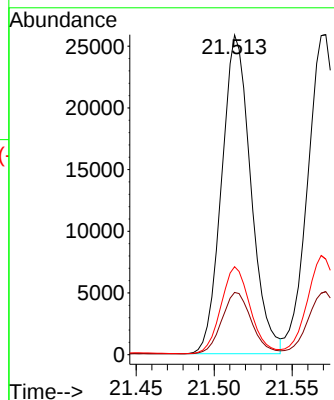
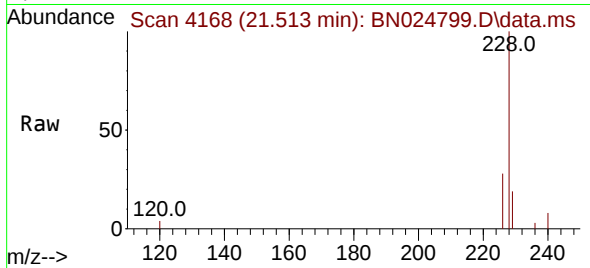




#21
Benzo(a)anthracene
Concen: 0.479 ng/ul
RT: 21.513 min Scan# 4168
Delta R.T. -0.001 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

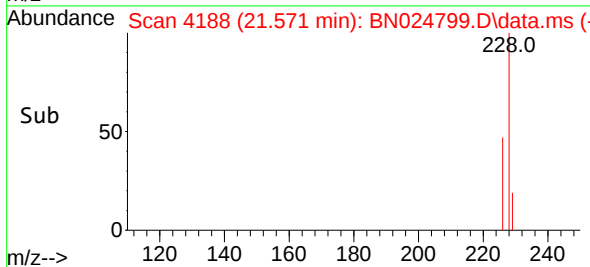
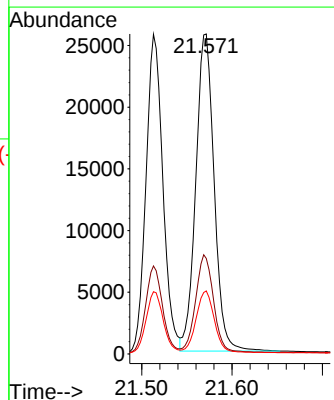
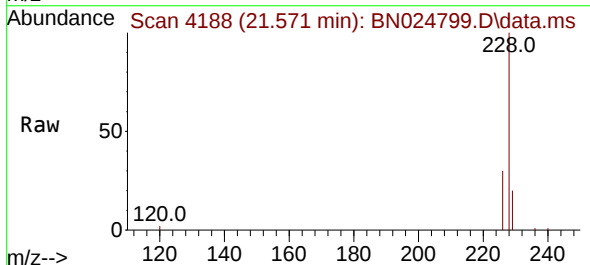
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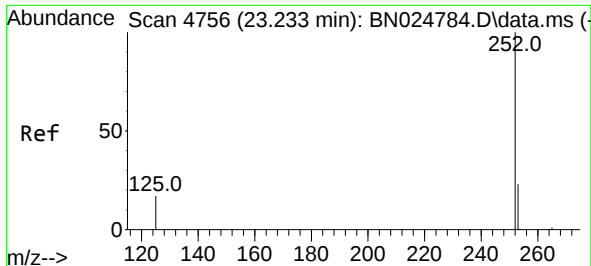
Tgt Ion:228 Resp: 33650
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.5 22.5 33.7



#22
Chrysene
Concen: 0.470 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. 0.002 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

Tgt Ion:228 Resp: 36260
Ion Ratio Lower Upper
228 100
226 29.9 24.6 37.0
229 19.7 15.6 23.4

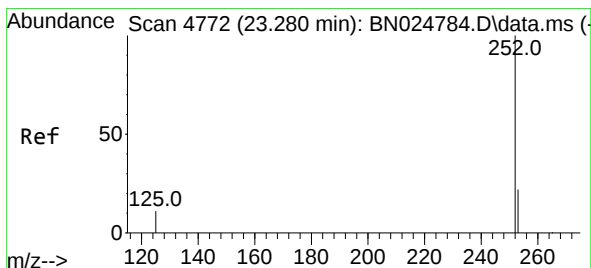
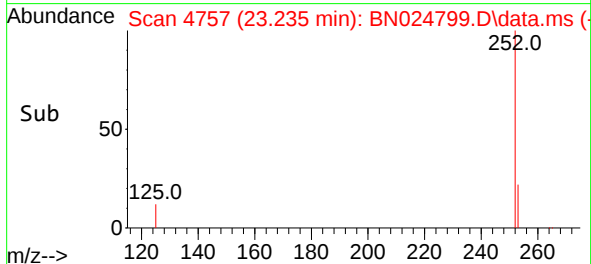
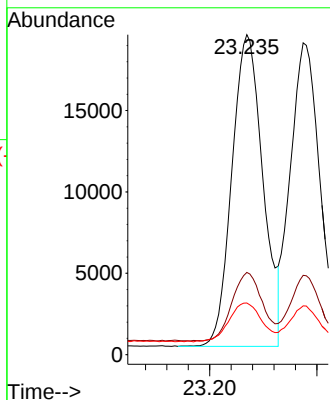
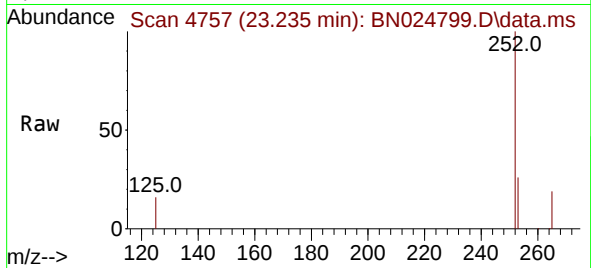




#24
Benzo(b)fluoranthene
Concen: 0.418 ng/ul
RT: 23.235 min Scan# 4756
Delta R.T. 0.002 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

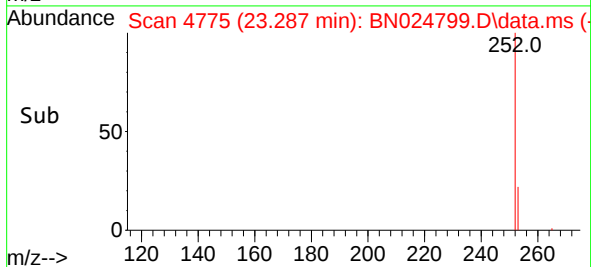
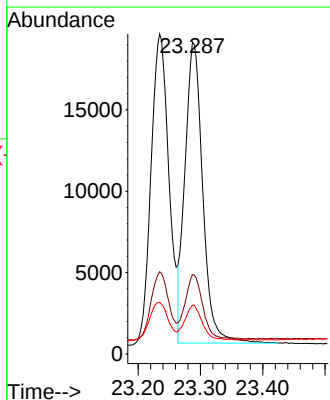
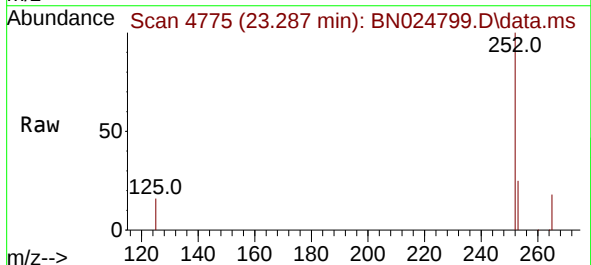
Instrument :
BNA_N
ClientSampleId :
SLCS755

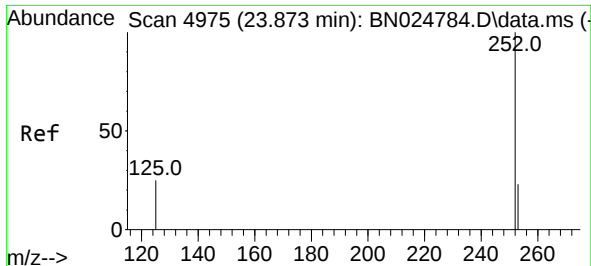
Tgt Ion:252 Resp: 38438
Ion Ratio Lower Upper
252 100
253 25.7 0.0 49.6
125 16.1 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.414 ng/ul
RT: 23.287 min Scan# 4775
Delta R.T. 0.008 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

Tgt Ion:252 Resp: 36589
Ion Ratio Lower Upper
252 100
253 25.4 20.2 30.2
125 15.7 13.1 19.7

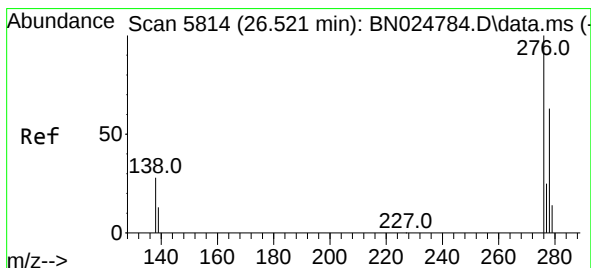
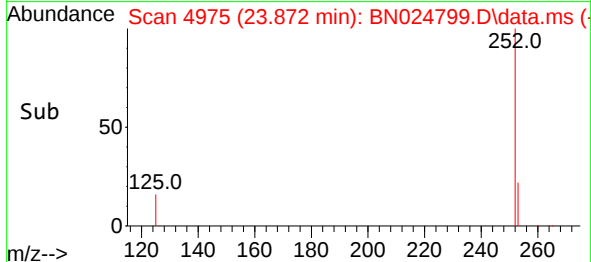
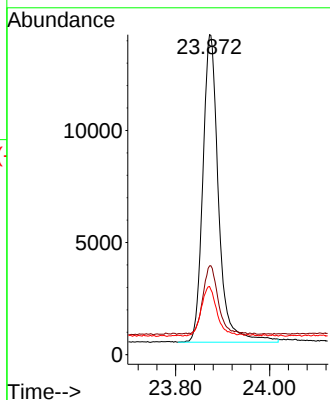
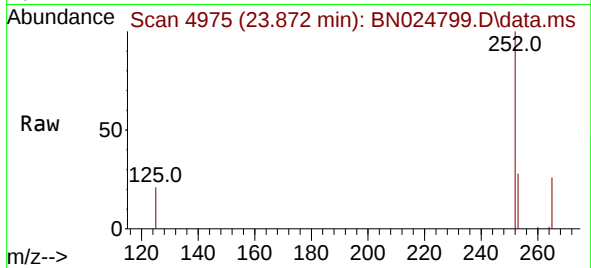




#26
Benzo(a)pyrene
Concen: 0.441 ng/ul
RT: 23.872 min Scan# 4975
Delta R.T. -0.001 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

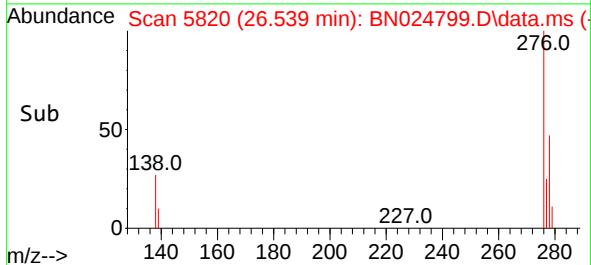
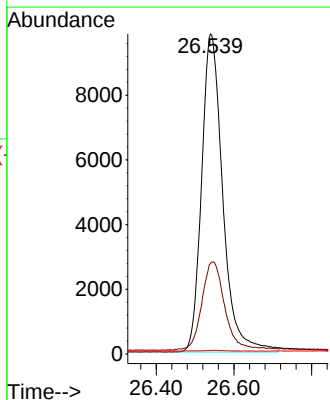
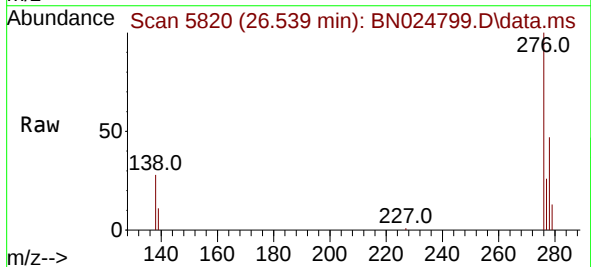
Instrument :
BNA_N
ClientSampleId :
SLCS755

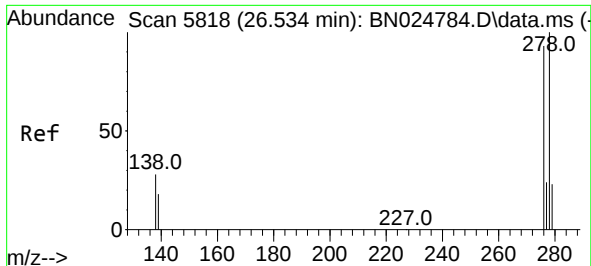
Tgt Ion:252 Resp: 31843
Ion Ratio Lower Upper
252 100
253 27.8 21.8 32.8
125 21.3 15.4 23.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.433 ng/ul
RT: 26.539 min Scan# 5820
Delta R.T. 0.019 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

Tgt Ion:276 Resp: 37258
Ion Ratio Lower Upper
276 100
138 30.0 24.6 36.8
227 0.3 0.1 0.1#

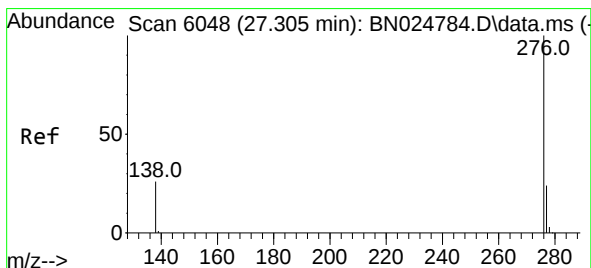
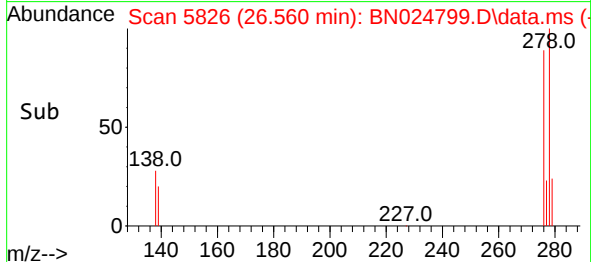
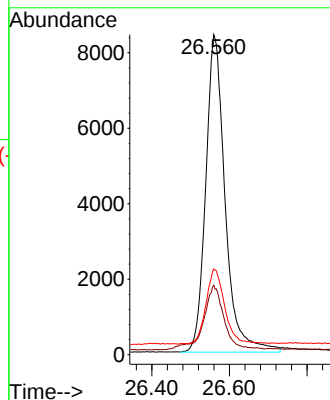
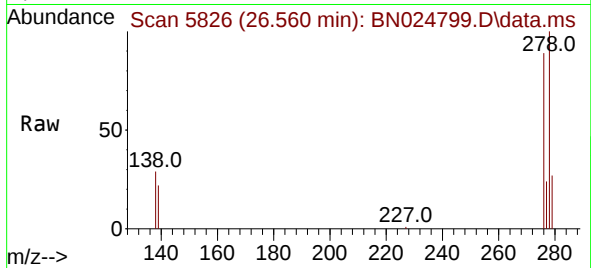




#28
Dibenzo(a,h)anthracene
Concen: 0.424 ng/ul
RT: 26.560 min Scan# 51
Delta R.T. 0.026 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

Instrument :
BNA_N
ClientSampleId :
SLCS755

Tgt Ion:278 Resp: 29227
Ion Ratio Lower Upper
278 100
139 21.7 16.5 24.7
279 26.8 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.418 ng/ul
RT: 27.331 min Scan# 6056
Delta R.T. 0.026 min
Lab File: BN024799.D
Acq: 07 Apr 2023 02:45

Tgt Ion:276 Resp: 30964
Ion Ratio Lower Upper
276 100
138 27.2 21.4 32.2
277 24.7 19.8 29.6

