

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048163.D
 Acq On : 21 Oct 2024 20:02
 Operator : RC/JU
 Sample : PB164095BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS095

Quant Time: Oct 21 22:48:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 19 00:48:23 2024
 Response via : Initial Calibration

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

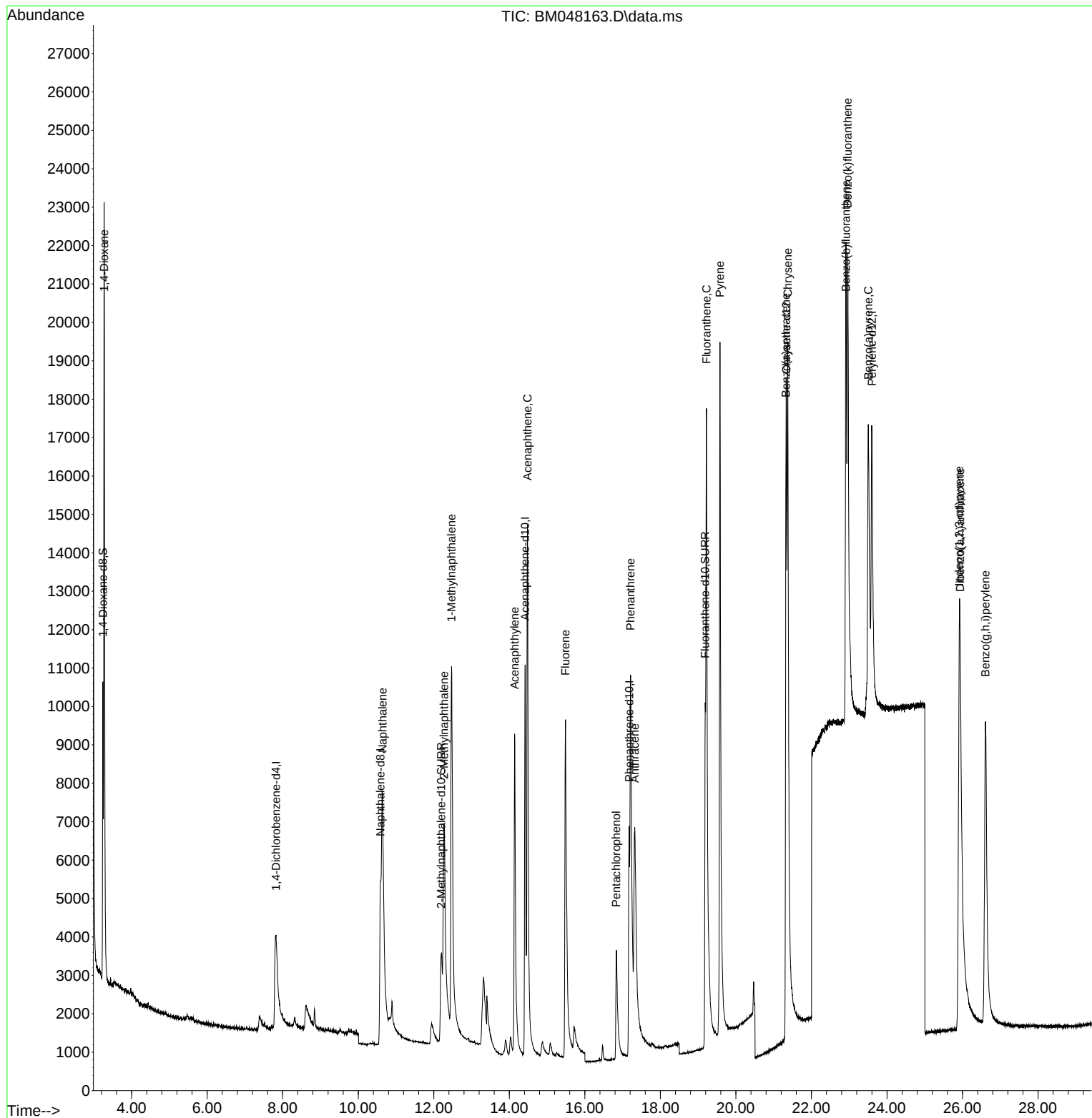
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	4687	0.400	ng/ul	0.02
4) Naphthalene-d8	10.589	136	16494	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.418	164	9030	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.174	188	17593	0.400	ng/ul	0.00
17) Chrysene-d12	21.336	240	13571	0.400	ng/ul	0.00
23) Perylene-d12	23.598	264	14285	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	5443	0.854	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	9304	0.405	ng/ul	0.00
18) Fluoranthene-d10	19.187	212	19036	0.482	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.273	88	15578	2.081	ng/ul#	85
5) Naphthalene	10.644	128	18460	0.412	ng/ul	99
7) 2-Methylnaphthalene	12.272	142	10700	0.417	ng/ul	100
8) 1-Methylnaphthalene	12.470	142	14025	0.475	ng/ul	99
10) Acenaphthylene	14.140	152	16571	0.397	ng/ul	99
11) Acenaphthene	14.482	153	12957	0.435	ng/ul	99
12) Fluorene	15.486	166	13346	0.418	ng/ul	100
14) Pentachlorophenol	16.832	266	4457	0.754	ng/ul	99
15) Phenanthrene	17.212	178	18013	0.405	ng/ul	99
16) Anthracene	17.322	178	16915	0.402	ng/ul	100
19) Fluoranthene	19.219	202	24931	0.468	ng/ul	100
20) Pyrene	19.577	202	27297	0.477	ng/ul	98
21) Benzo(a)anthracene	21.324	228	17101	0.409	ng/ul	99
22) Chrysene	21.371	228	28768	0.452	ng/ul	99
24) Benzo(b)fluoranthene	22.914	252	20599	0.376	ng/ul	99
25) Benzo(k)fluoranthene	22.961	252	26860	0.405	ng/ul	98
26) Benzo(a)pyrene	23.505	252	21036	0.461	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.913	276	27910	0.409	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.937	278	20336	0.390	ng/ul	96
29) Benzo(g,h,i)perylene	26.608	276	24369	0.427	ng/ul	98

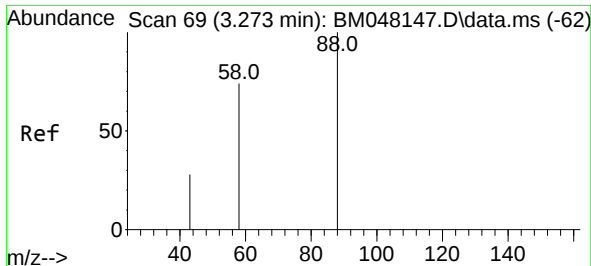
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
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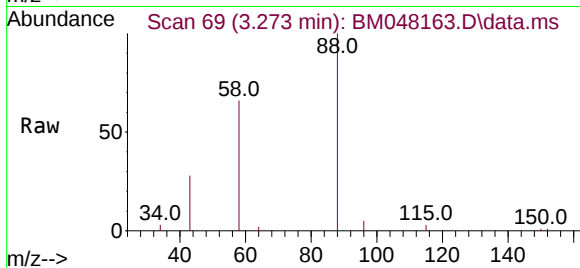
Quant Time: Oct 21 22:48:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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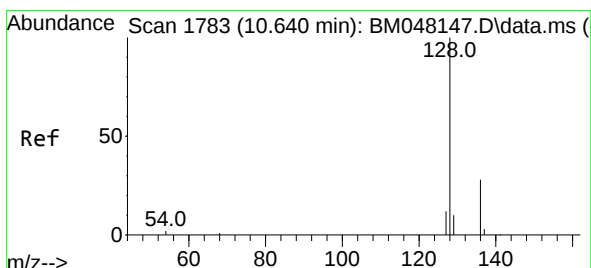
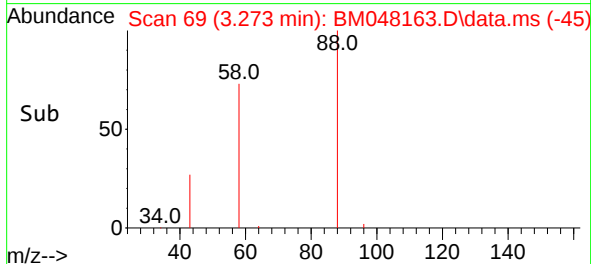
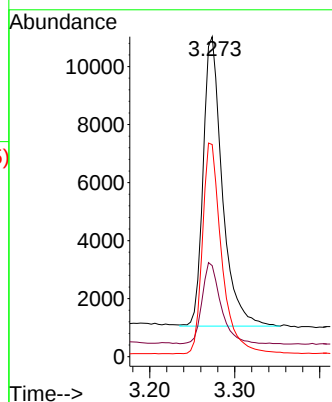


#2
1,4-Dioxane
Concen: 2.081 ng/ul
RT: 3.273 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

Instrument :
BNA_M
ClientSampleId :
SLCS095

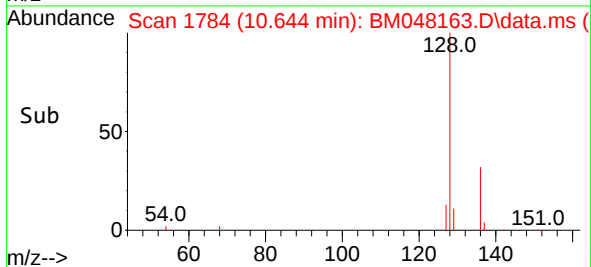
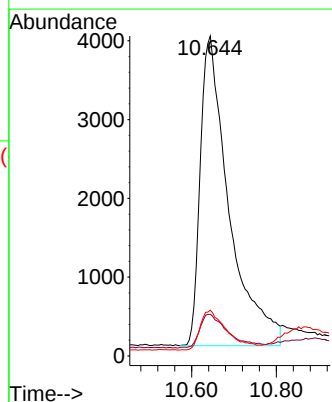
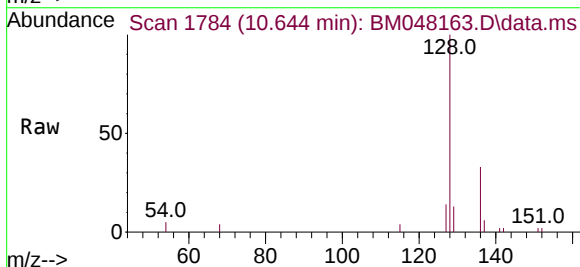


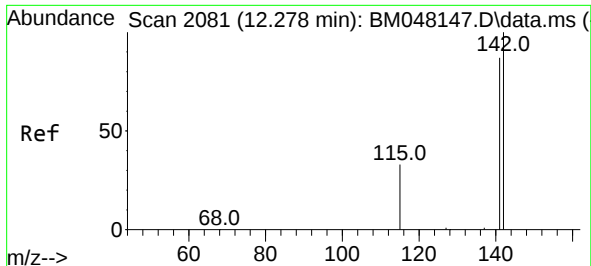
Tgt Ion: 88 Resp: 15578
Ion Ratio Lower Upper
88 100
43 28.4 27.7 41.5
58 66.3 42.5 63.7#



#5
Naphthalene
Concen: 0.412 ng/ul
RT: 10.644 min Scan# 1784
Delta R.T. 0.005 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

Tgt Ion:128 Resp: 18460
Ion Ratio Lower Upper
128 100
129 13.0 10.6 15.8
127 14.3 11.3 16.9

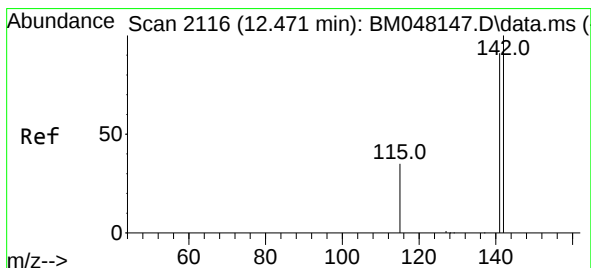
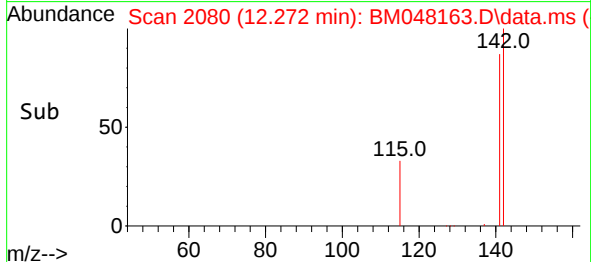
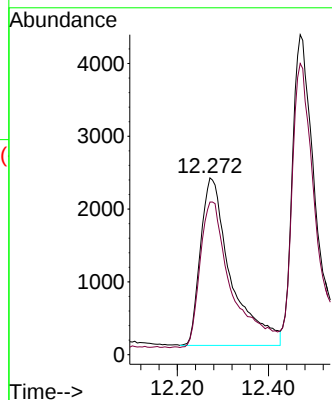
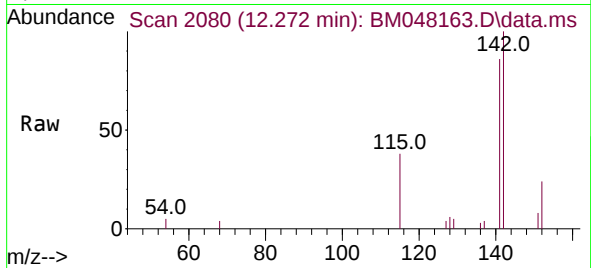




#7
2-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.272 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

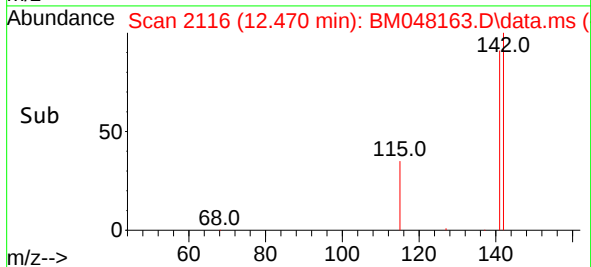
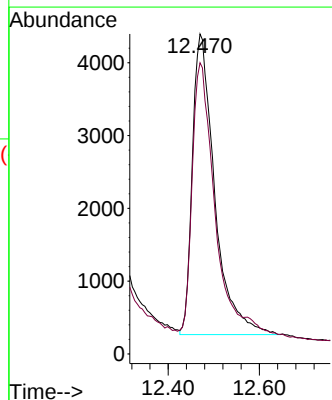
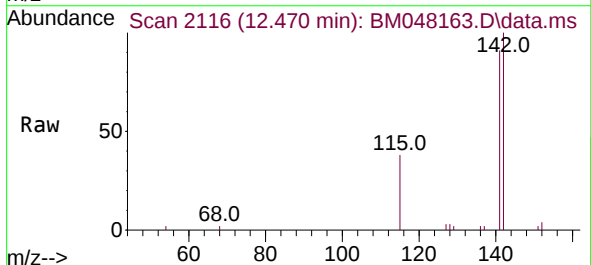
Instrument :
BNA_M
ClientSampleId :
SLCS095

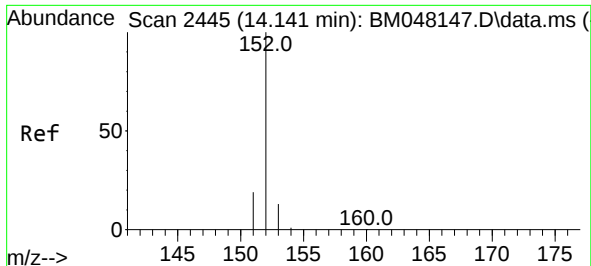
Tgt Ion:142 Resp: 10700
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.475 ng/ul
RT: 12.470 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

Tgt Ion:142 Resp: 14025
Ion Ratio Lower Upper
142 100
141 91.6 73.8 110.6

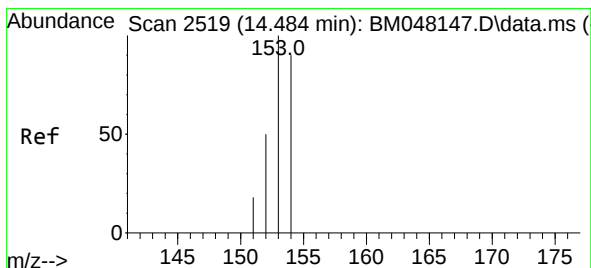
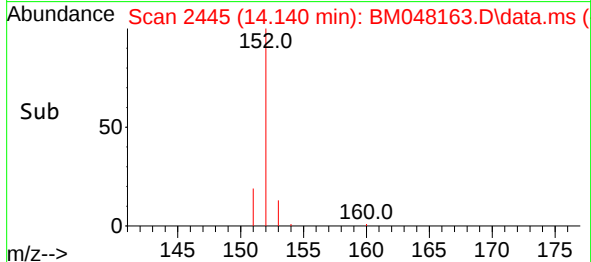
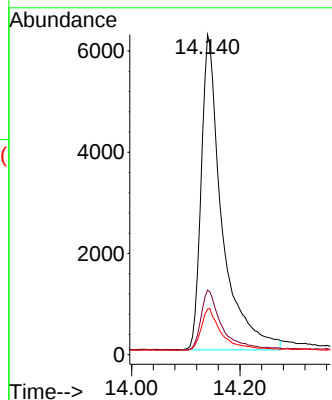
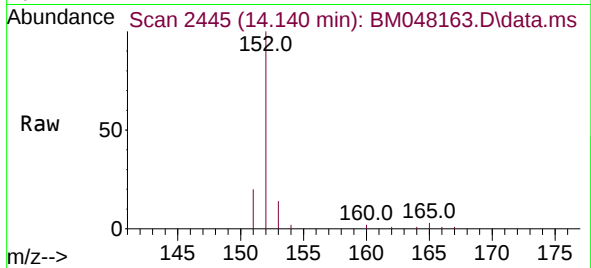




#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.140 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

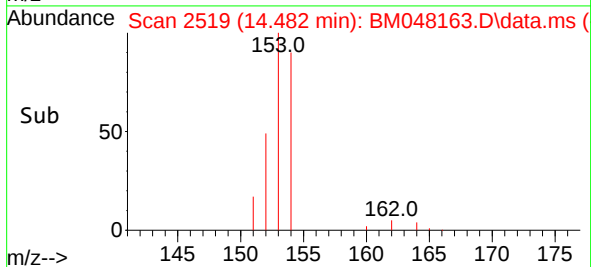
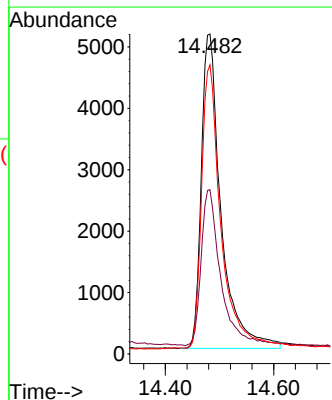
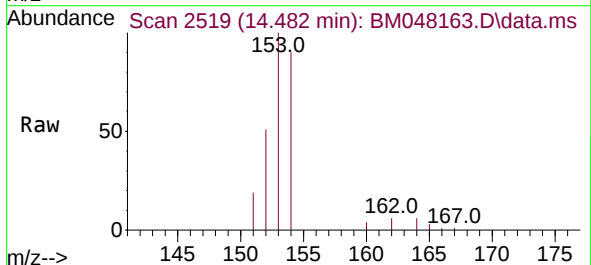
Instrument :
BNA_M
ClientSampleId :
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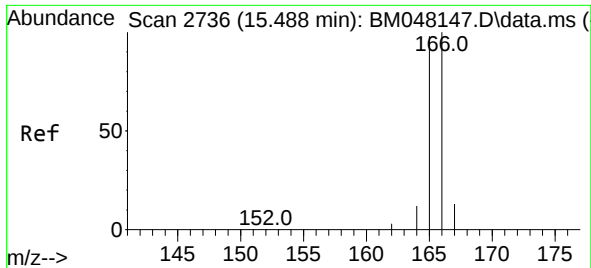
Tgt Ion:152 Resp: 16571
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 14.2 11.7 17.5



#11
Acenaphthene
Concen: 0.435 ng/ul
RT: 14.482 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

Tgt Ion:153 Resp: 12957
Ion Ratio Lower Upper
153 100
152 51.4 40.9 61.3
154 90.3 71.0 106.4

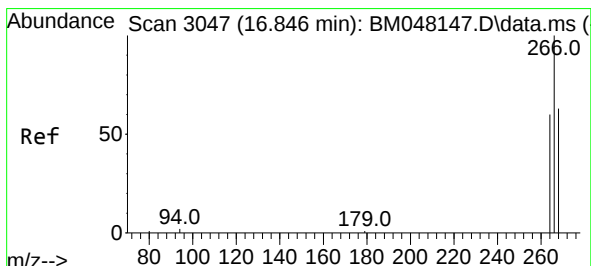
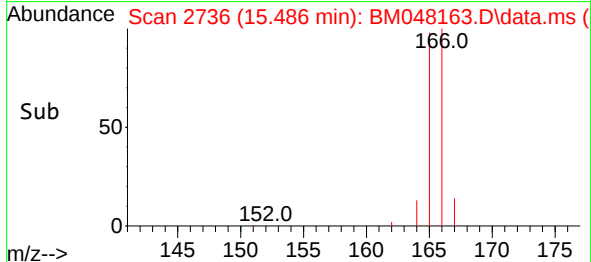
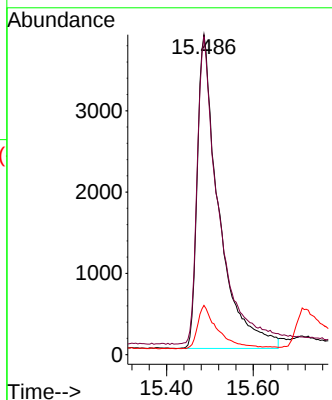
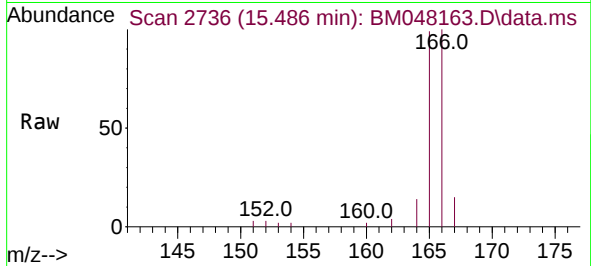




#12
 Fluorene
 Concen: 0.418 ng/ul
 RT: 15.486 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BM048163.D
 Acq: 21 Oct 2024 20:02

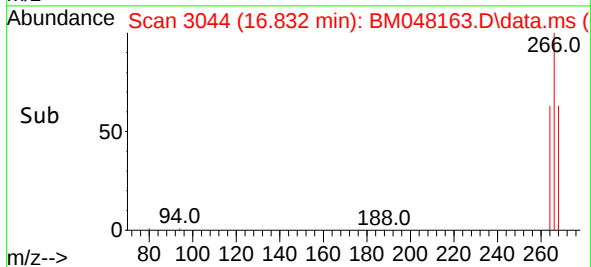
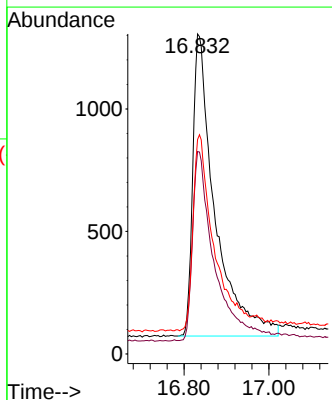
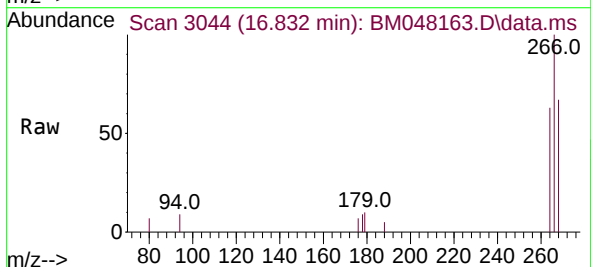
Instrument :
 BNA_M
 ClientSampleId :
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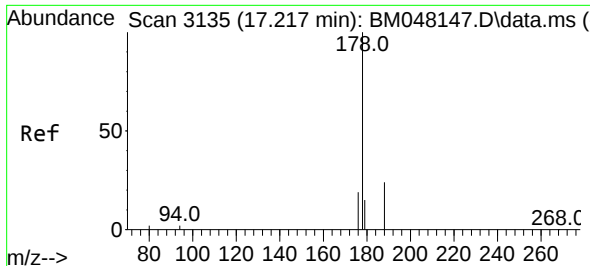
Tgt Ion:166 Resp: 13346
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.1 118.7
 167 15.4 12.0 18.0



#14
 Pentachlorophenol
 Concen: 0.754 ng/ul
 RT: 16.832 min Scan# 3044
 Delta R.T. -0.008 min
 Lab File: BM048163.D
 Acq: 21 Oct 2024 20:02

Tgt Ion:266 Resp: 4457
 Ion Ratio Lower Upper
 266 100
 264 62.0 50.2 75.2
 268 65.4 51.8 77.6

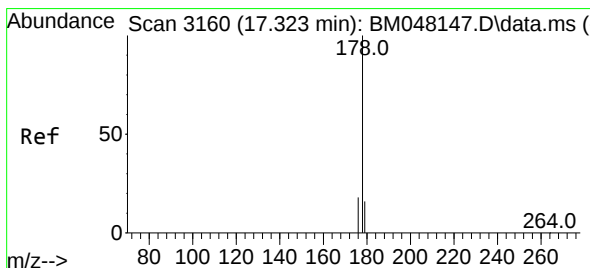
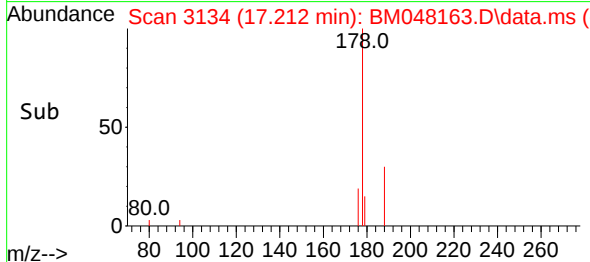
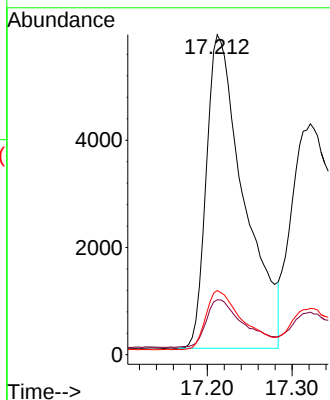
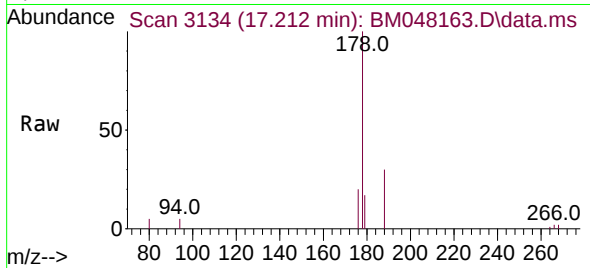




#15
Phenanthrene
Concen: 0.405 ng/u1
RT: 17.212 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

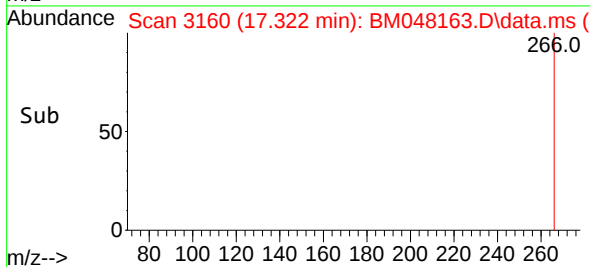
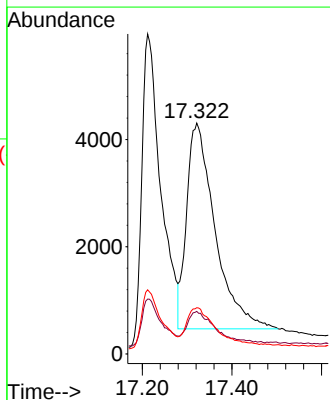
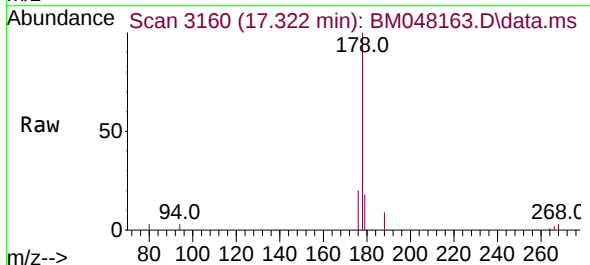
Instrument :
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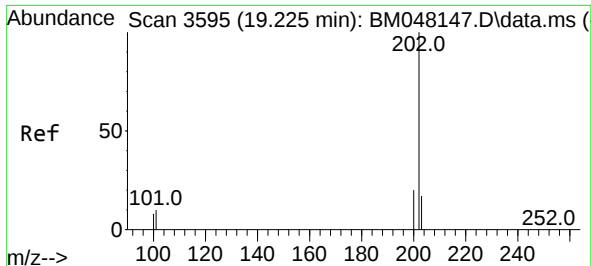
Tgt Ion:178 Resp: 18013
Ion Ratio Lower Upper
178 100
179 17.2 13.2 19.8
176 20.1 16.0 24.0



#16
Anthracene
Concen: 0.402 ng/u1
RT: 17.322 min Scan# 3160
Delta R.T. -0.000 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

Tgt Ion:178 Resp: 16915
Ion Ratio Lower Upper
178 100
179 18.4 14.5 21.7
176 20.0 16.0 24.0

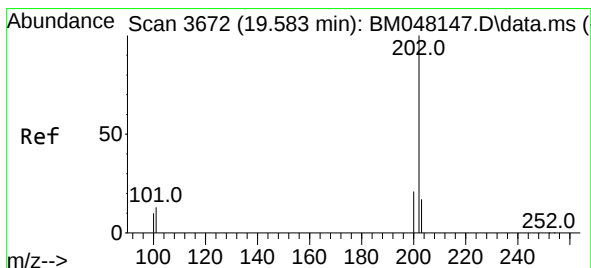
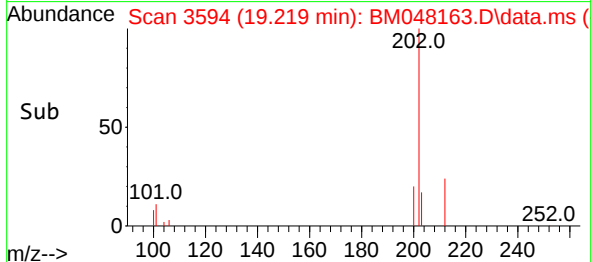
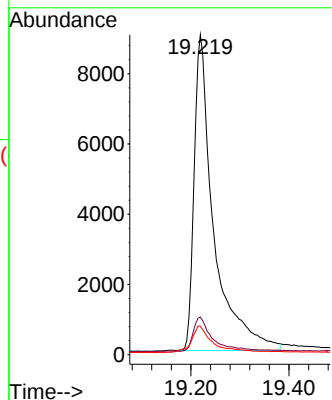
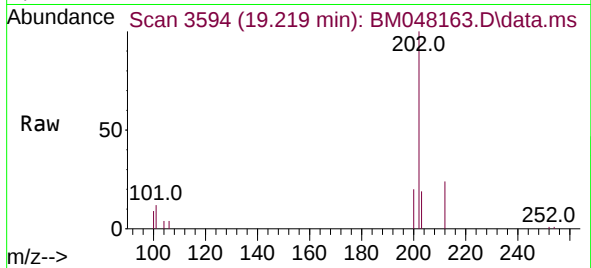




#19
Fluoranthene
Concen: 0.468 ng/ul
RT: 19.219 min Scan# 3594
Delta R.T. -0.000 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

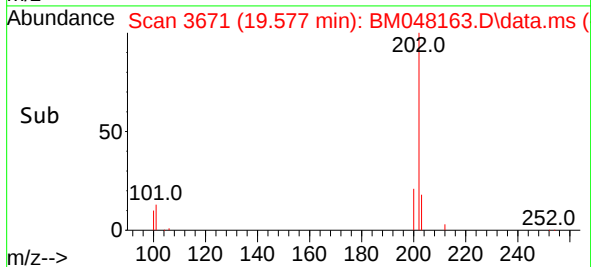
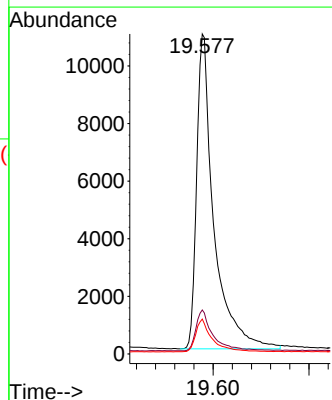
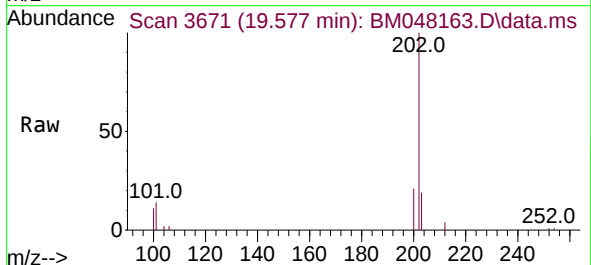
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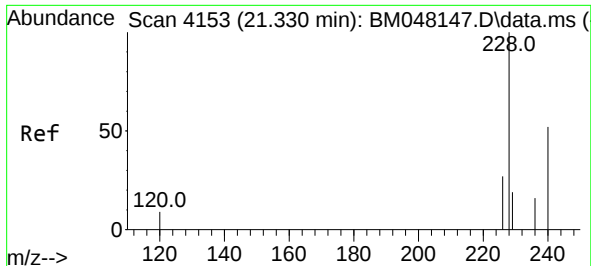
Tgt Ion:202 Resp: 24931
Ion Ratio Lower Upper
202 100
101 11.7 9.3 13.9
100 8.9 7.1 10.7



#20
Pyrene
Concen: 0.477 ng/ul
RT: 19.577 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

Tgt Ion:202 Resp: 27297
Ion Ratio Lower Upper
202 100
101 13.7 10.6 16.0
100 10.9 8.1 12.1

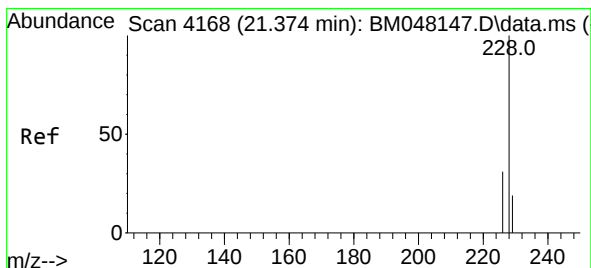
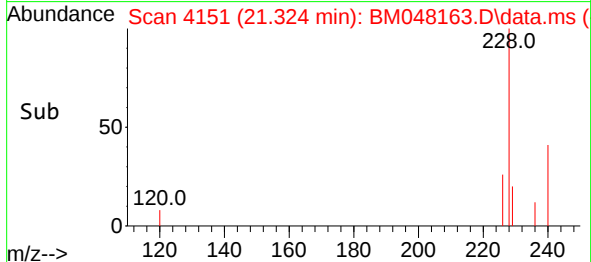
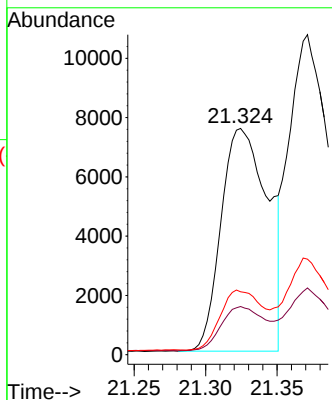
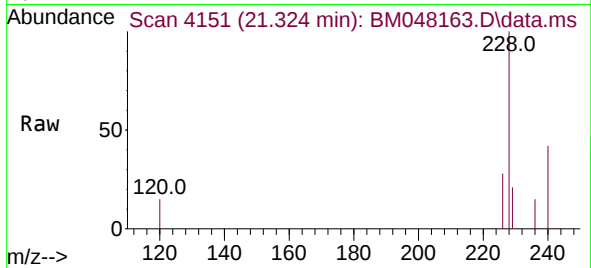




#21
Benzo(a)anthracene
Concen: 0.409 ng/ul
RT: 21.324 min Scan# 4153
Delta R.T. 0.003 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

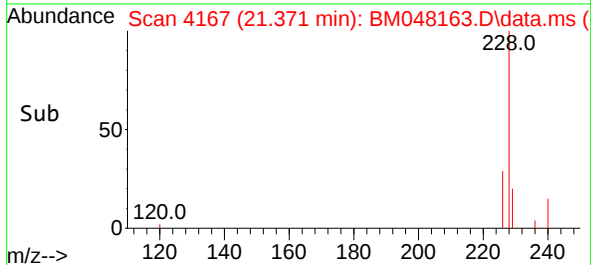
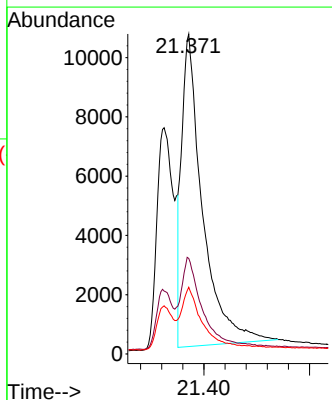
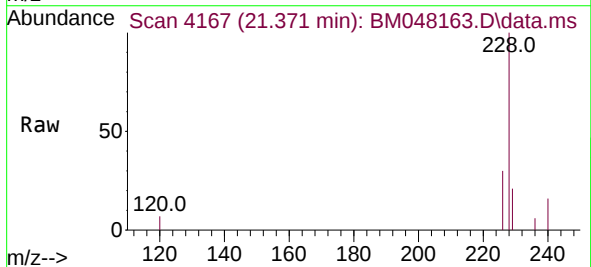
Instrument :
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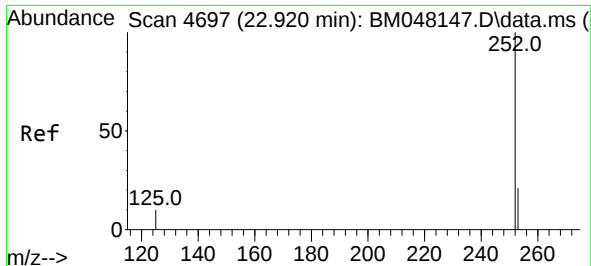
Tgt Ion:228 Resp: 17101
Ion Ratio Lower Upper
228 100
229 21.3 16.4 24.6
226 27.8 22.5 33.7



#22
Chrysene
Concen: 0.452 ng/ul
RT: 21.371 min Scan# 4167
Delta R.T. -0.000 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

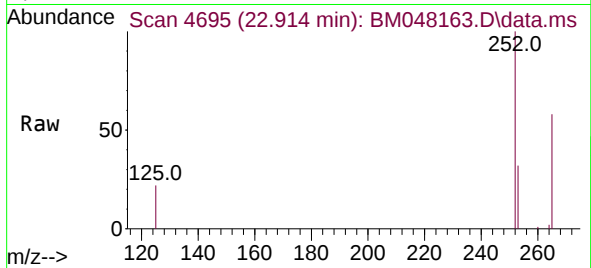
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Ion Ratio Lower Upper
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226 29.9 24.0 36.0
229 20.9 16.1 24.1



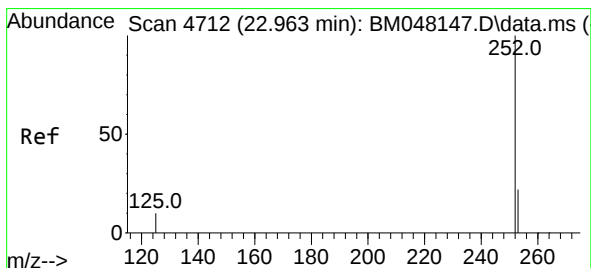
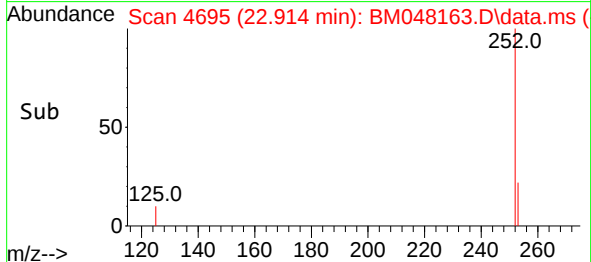
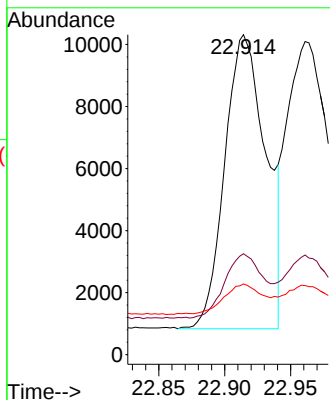


#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 22.914 min Scan# 4695
Delta R.T. -0.003 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

Instrument :
BNA_M
ClientSampleId :
SLCS095

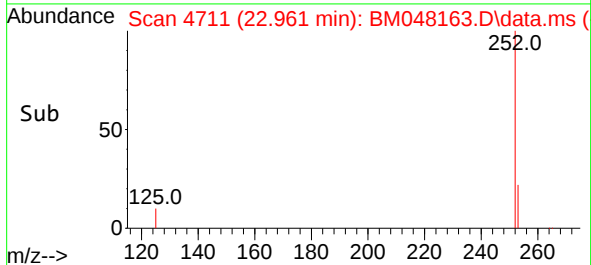
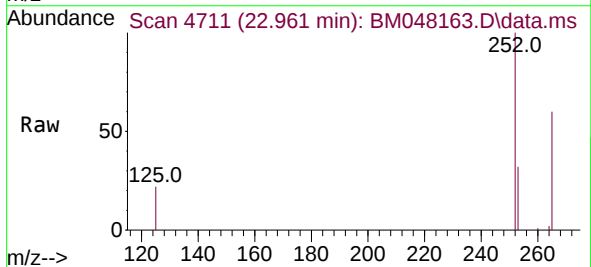
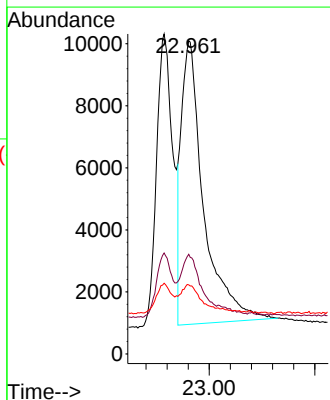


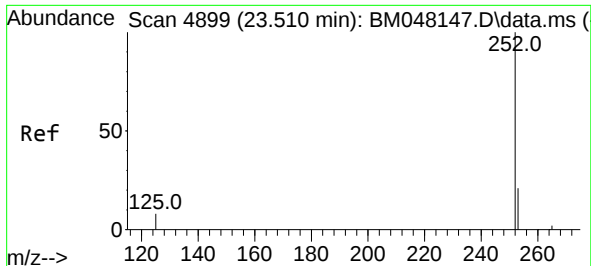
Tgt Ion:252 Resp: 20599
Ion Ratio Lower Upper
252 100
253 31.6 0.0 61.6
125 22.1 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.405 ng/ul
RT: 22.961 min Scan# 4711
Delta R.T. -0.000 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

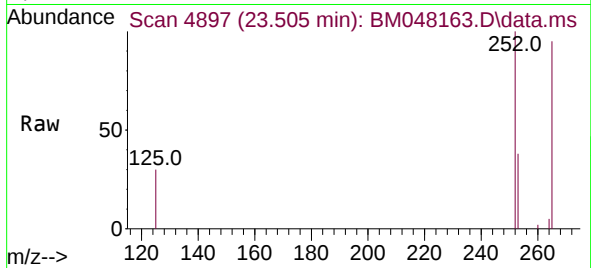
Tgt Ion:252 Resp: 26860
Ion Ratio Lower Upper
252 100
253 31.8 24.4 36.6
125 22.1 16.8 25.2



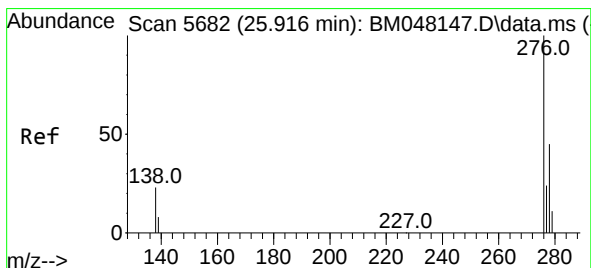
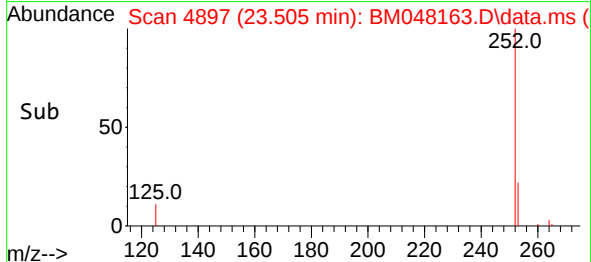
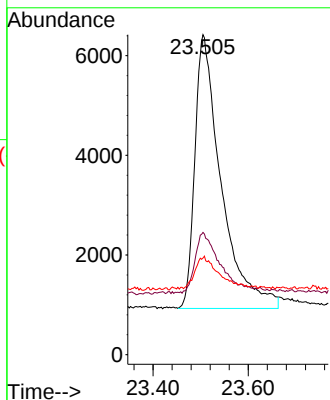


#26
Benzo(a)pyrene
Concen: 0.461 ng/ul
RT: 23.505 min Scan# 4897
Delta R.T. -0.000 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

Instrument :
BNA_M
ClientSampleId :
SLCS095

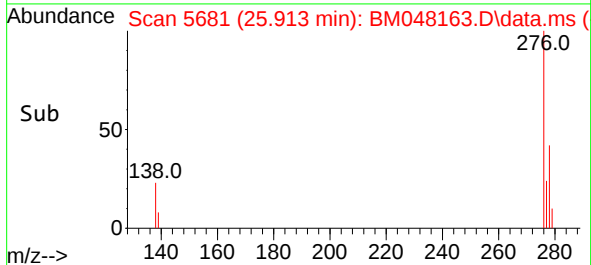
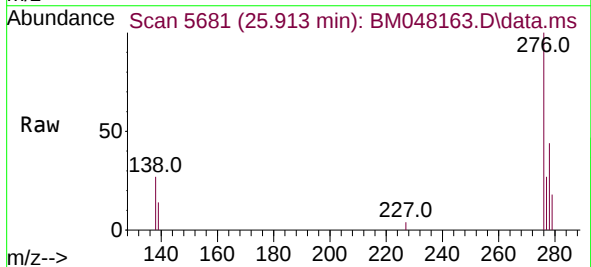
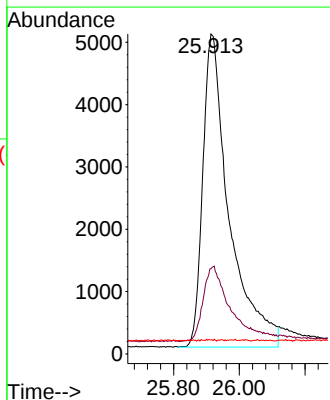


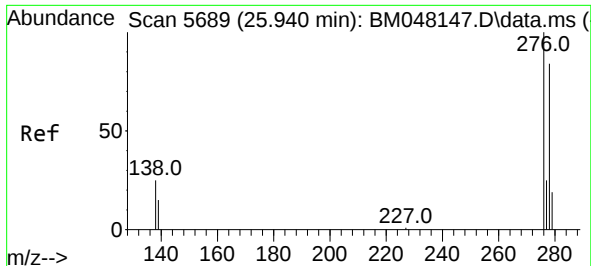
Tgt Ion:252 Resp: 21036
Ion Ratio Lower Upper
252 100
253 38.2 29.0 43.4
125 30.2 24.4 36.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng/ul
RT: 25.913 min Scan# 5681
Delta R.T. -0.000 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

Tgt Ion:276 Resp: 27910
Ion Ratio Lower Upper
276 100
138 25.6 20.2 30.2
227 0.0 0.0 0.0

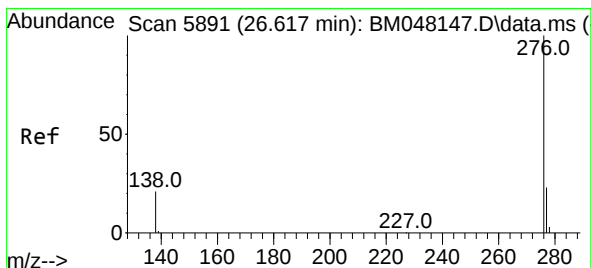
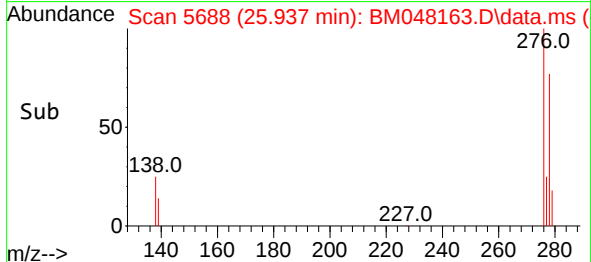
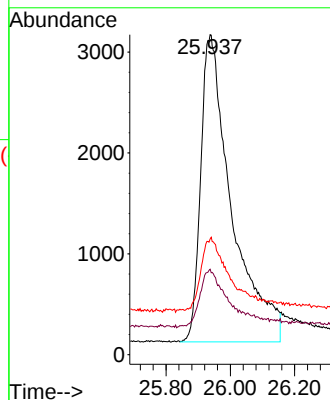
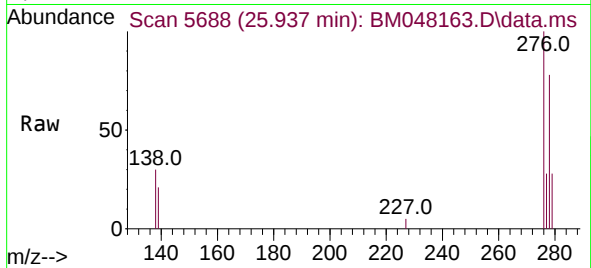




#28
Dibenzo(a,h)anthracene
Concen: 0.390 ng/ul
RT: 25.937 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

Instrument :
BNA_M
ClientSampleId :
SLCS095

Tgt Ion:278 Resp: 20336
Ion Ratio Lower Upper
278 100
139 26.7 18.9 28.3
279 36.1 27.6 41.4



#29
Benzo(g,h,i)perylene
Concen: 0.427 ng/ul
RT: 26.608 min Scan# 5888
Delta R.T. -0.000 min
Lab File: BM048163.D
Acq: 21 Oct 2024 20:02

Tgt Ion:276 Resp: 24369
Ion Ratio Lower Upper
276 100
138 26.2 20.3 30.5
277 26.8 20.4 30.6

