

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101024\
 Data File : BM048006.D
 Acq On : 11 Oct 2024 09:57
 Operator : RC/JU
 Sample : PB163767BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS767

Quant Time: Oct 11 10:55:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 10 18:01:13 2024
 Response via : Initial Calibration

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

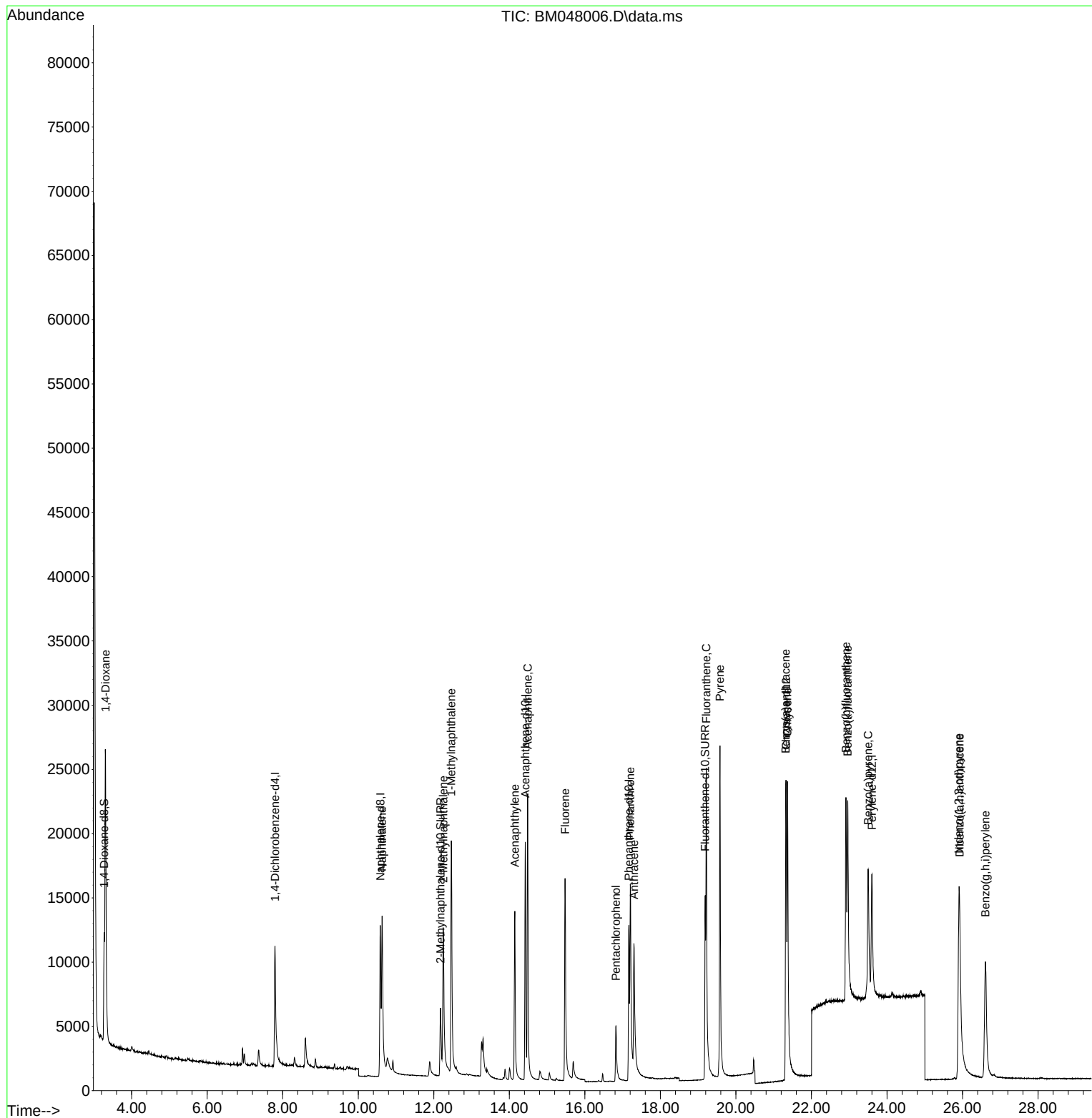
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	7232	0.400	ng/ul	0.00
4) Naphthalene-d8	10.583	136	21863	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.422	164	12299	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.165	188	21223	0.400	ng/ul	0.00
17) Chrysene-d12	21.330	240	17204	0.400	ng/ul	0.00
23) Perylene-d12	23.601	264	16760	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	7524	0.810	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.178	152	10784	0.369	ng/ul	0.00
18) Fluoranthene-d10	19.187	212	20023	0.380	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.307	88	21145	1.901	ng/ul#	82
5) Naphthalene	10.633	128	21641	0.363	ng/ul	99
7) 2-Methylnaphthalene	12.250	142	12448	0.348	ng/ul	100
8) 1-Methylnaphthalene	12.464	142	16444	0.438	ng/ul	100
10) Acenaphthylene	14.145	152	18899	0.316	ng/ul	99
11) Acenaphthene	14.487	153	15009	0.366	ng/ul	99
12) Fluorene	15.477	166	14617	0.315	ng/ul	98
14) Pentachlorophenol	16.823	266	4491	0.704	ng/ul	100
15) Phenanthrene	17.203	178	21792	0.346	ng/ul	99
16) Anthracene	17.300	178	15455	0.276	ng/ul	100
19) Fluoranthene	19.215	202	25852	0.357	ng/ul	98
20) Pyrene	19.577	202	28139	0.365	ng/ul	99
21) Benzo(a)anthracene	21.319	228	19940	0.274	ng/ul	99
22) Chrysene	21.365	228	26450	0.350	ng/ul	100
24) Benzo(b)fluoranthene	22.914	252	23485	0.322	ng/ul	98
25) Benzo(k)fluoranthene	22.961	252	27779	0.379	ng/ul	98
26) Benzo(a)pyrene	23.502	252	21883	0.381	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.903	276	29179	0.319	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.923	278	21384	0.310	ng/ul	95
29) Benzo(g,h,i)perylene	26.608	276	25557	0.348	ng/ul	97

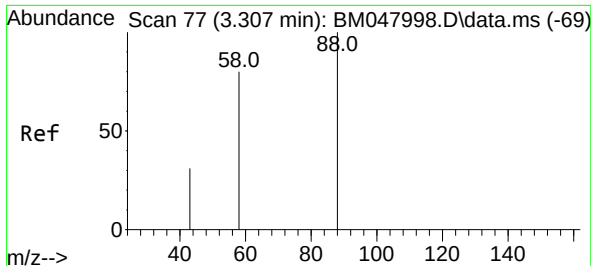
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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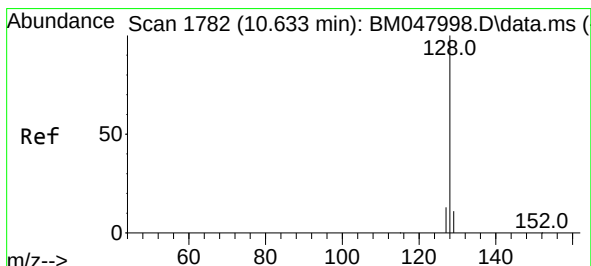
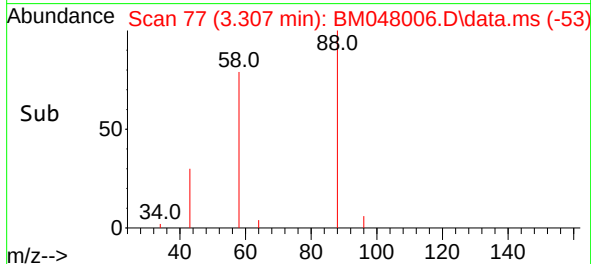
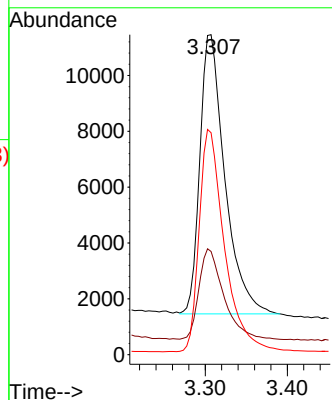
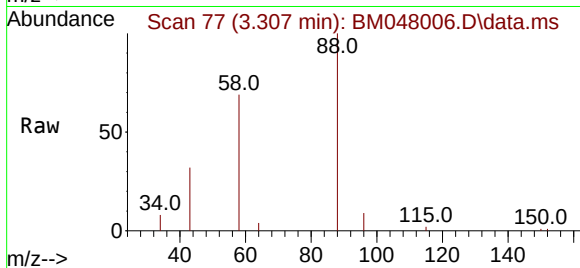




#2
1,4-Dioxane
Concen: 1.901 ng/ul
RT: 3.307 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM048006.D
Acq: 11 Oct 2024 09:57

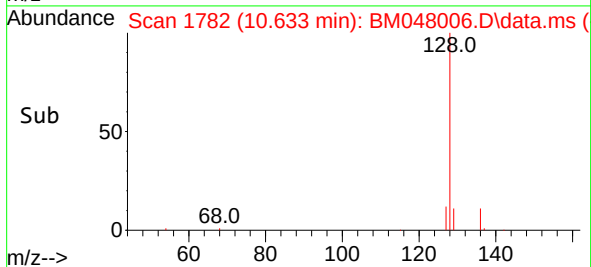
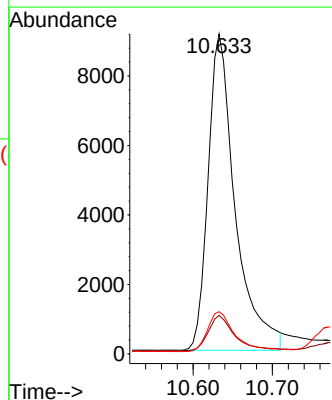
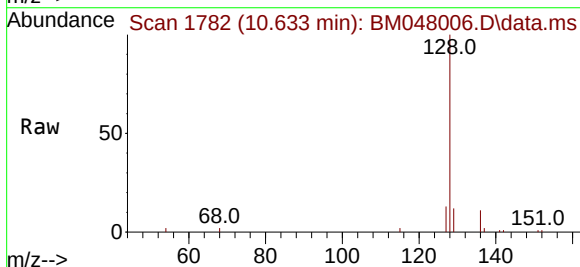
Instrument :
BNA_M
ClientSampleId :
SLCS767

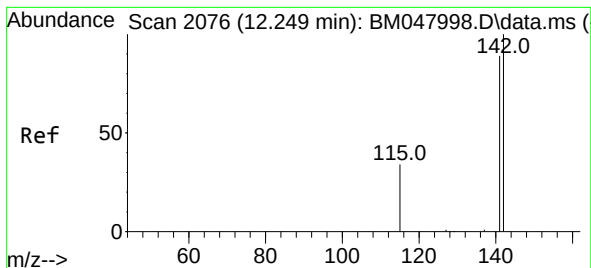
Tgt Ion: 88 Resp: 21145
Ion Ratio Lower Upper
88 100
43 32.3 30.9 46.3
58 69.4 42.5 63.7#



#5
Naphthalene
Concen: 0.363 ng/ul
RT: 10.633 min Scan# 1782
Delta R.T. 0.004 min
Lab File: BM048006.D
Acq: 11 Oct 2024 09:57

Tgt Ion: 128 Resp: 21641
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.2 10.4 15.6

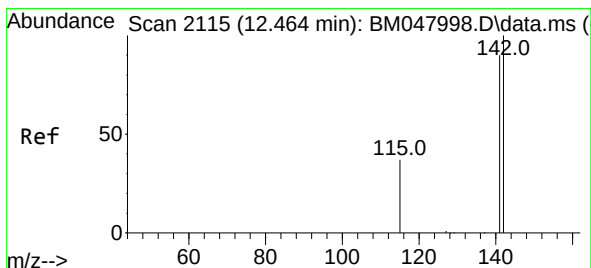
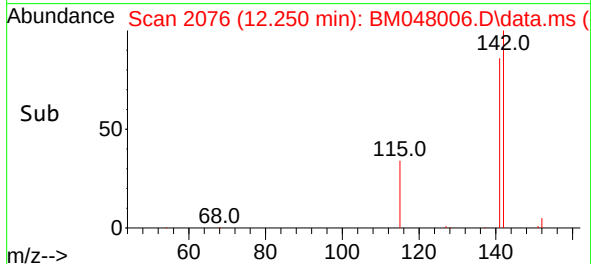
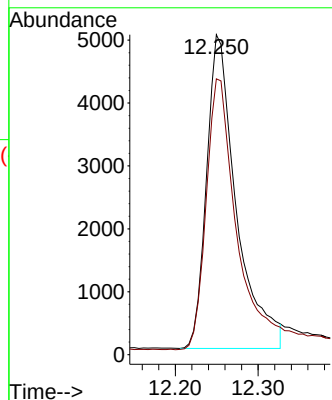
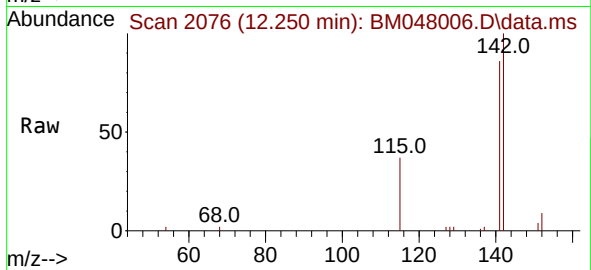




#7
2-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.250 min Scan# 2076
Delta R.T. 0.004 min
Lab File: BM048006.D
Acq: 11 Oct 2024 09:57

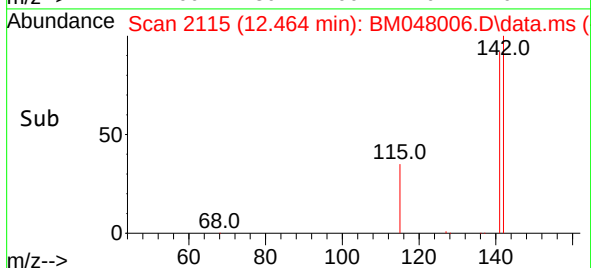
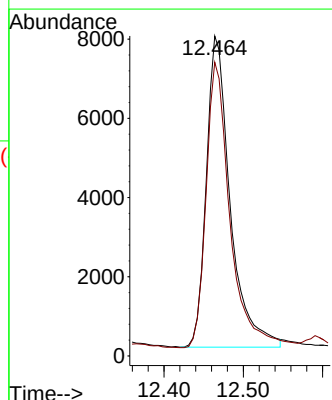
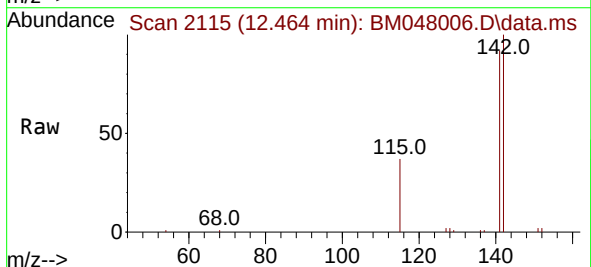
Instrument :
BNA_M
ClientSampleId :
SLCS767

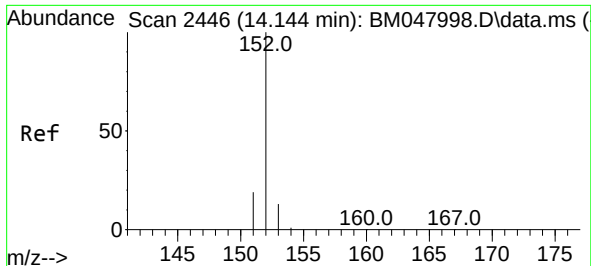
Tgt Ion:142 Resp: 12448
Ion Ratio Lower Upper
142 100
141 88.2 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.438 ng/ul
RT: 12.464 min Scan# 2115
Delta R.T. -0.001 min
Lab File: BM048006.D
Acq: 11 Oct 2024 09:57

Tgt Ion:142 Resp: 16444
Ion Ratio Lower Upper
142 100
141 91.2 72.9 109.3

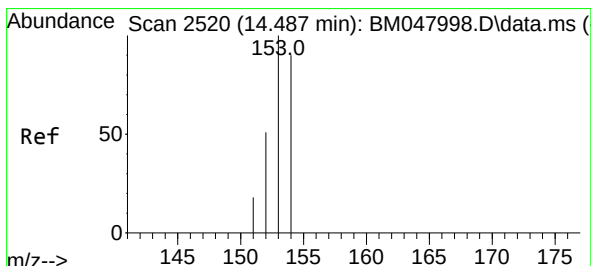
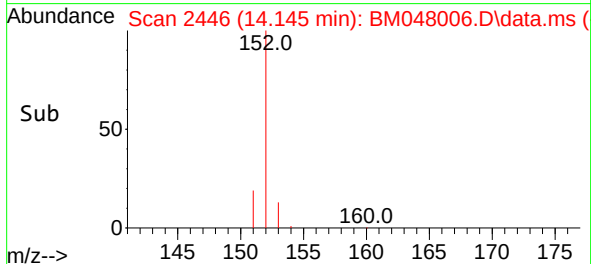
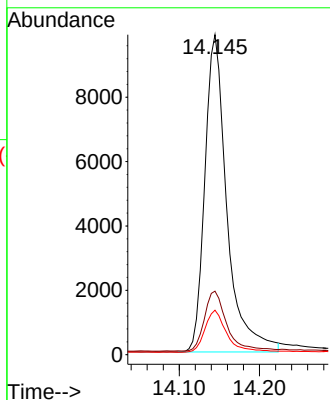
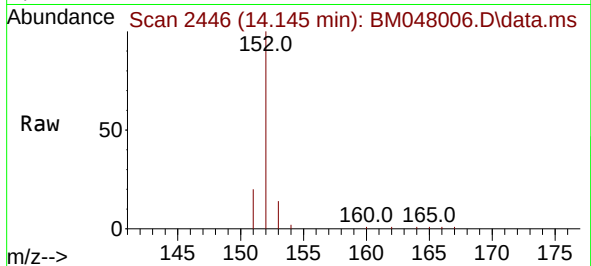




#10
Acenaphthylene
Concen: 0.316 ng/ul
RT: 14.145 min Scan# 2446
Delta R.T. 0.003 min
Lab File: BM048006.D
Acq: 11 Oct 2024 09:57

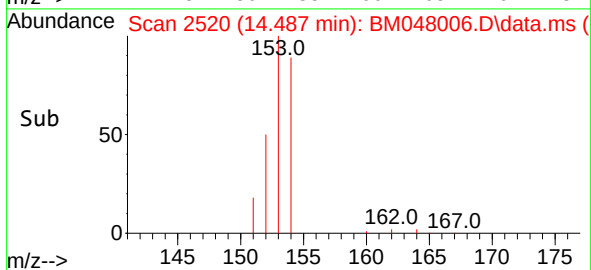
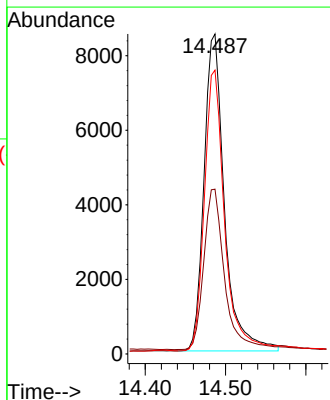
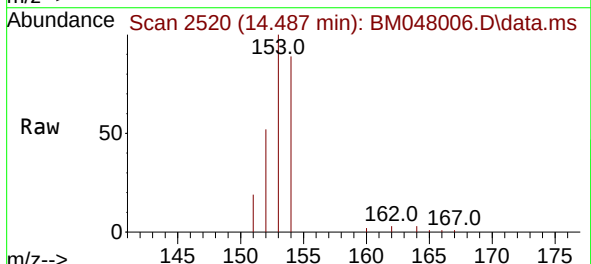
Instrument :
BNA_M
ClientSampleId :
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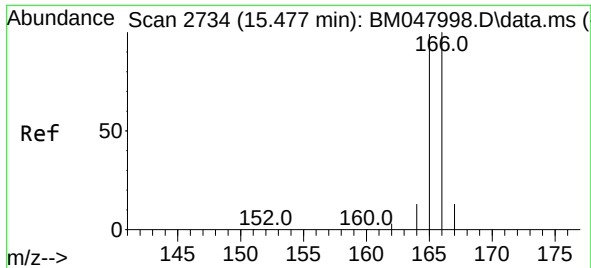
Tgt Ion:	152	Resp:	18899
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.9	10.7	16.1



#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.487 min Scan# 2520
Delta R.T. 0.003 min
Lab File: BM048006.D
Acq: 11 Oct 2024 09:57

Tgt Ion:	153	Resp:	15009
Ion	Ratio	Lower	Upper
153	100		
152	51.5	41.7	62.5
154	88.7	71.2	106.8

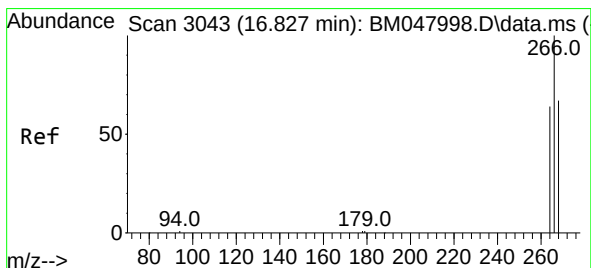
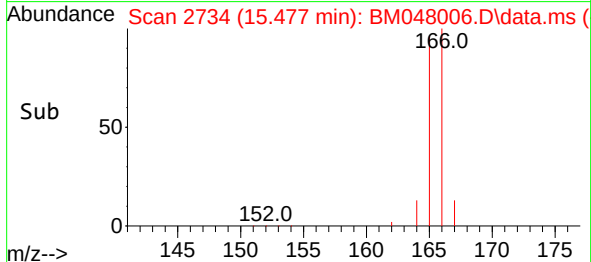
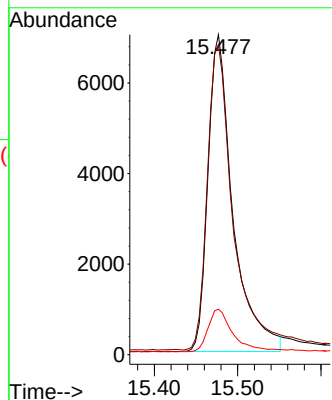
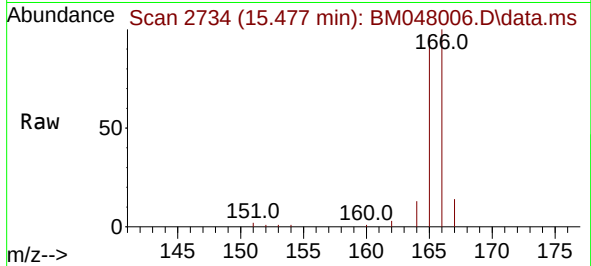




#12
 Fluorene
 Concen: 0.315 ng/ul
 RT: 15.477 min Scan# 21
 Delta R.T. 0.008 min
 Lab File: BM048006.D
 Acq: 11 Oct 2024 09:57

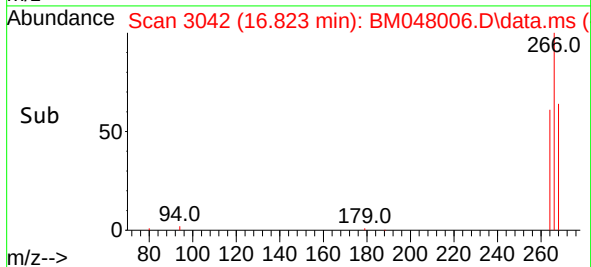
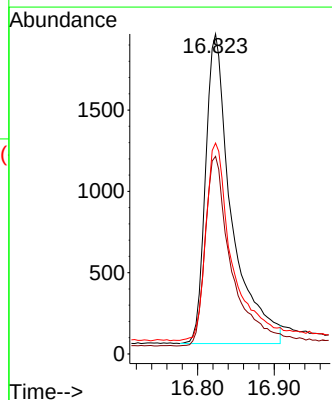
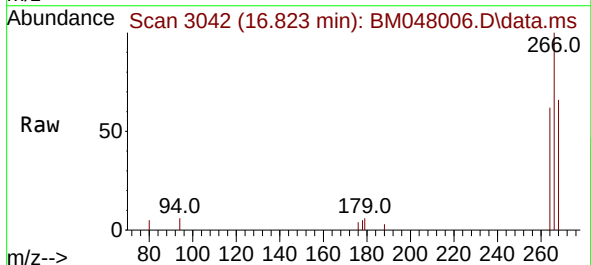
Instrument :
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 ClientSampleId :
 SLCS767

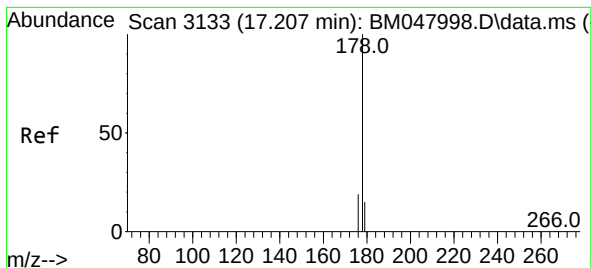
Tgt Ion:	166	Resp:	14617
Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.4	119.2
167	14.2	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.704 ng/ul
 RT: 16.823 min Scan# 3042
 Delta R.T. 0.003 min
 Lab File: BM048006.D
 Acq: 11 Oct 2024 09:57

Tgt Ion:	266	Resp:	4491
Ion	Ratio	Lower	Upper
266	100		
264	62.2	49.8	74.8
268	63.7	51.2	76.8





#15

Phenanthrene

Concen: 0.346 ng/u1

RT: 17.203 min Scan# 3133

Delta R.T. 0.003 min

Lab File: BM048006.D

Acq: 11 Oct 2024 09:57

Instrument :

BNA_M

ClientSampleId :

SLCS767

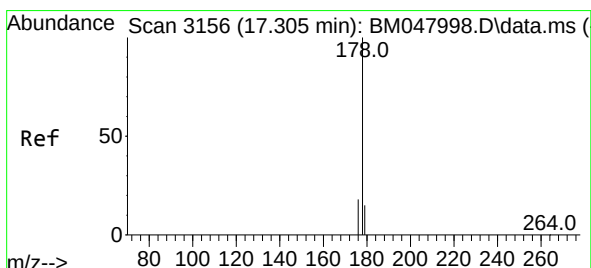
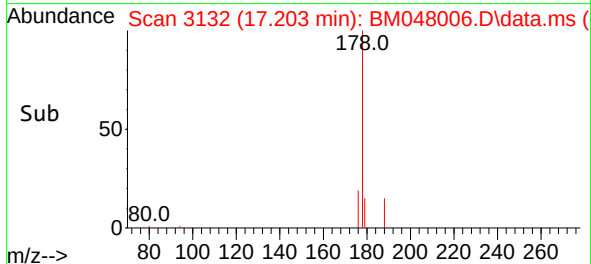
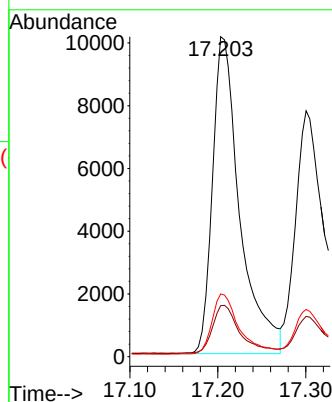
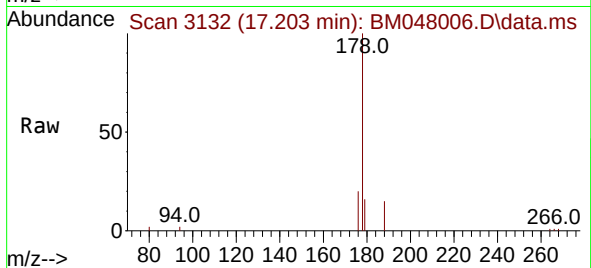
Tgt Ion:178 Resp: 21792

Ion Ratio Lower Upper

178 100

179 15.9 13.0 19.6

176 19.6 15.9 23.9



#16

Anthracene

Concen: 0.276 ng/u1

RT: 17.300 min Scan# 3155

Delta R.T. 0.007 min

Lab File: BM048006.D

Acq: 11 Oct 2024 09:57

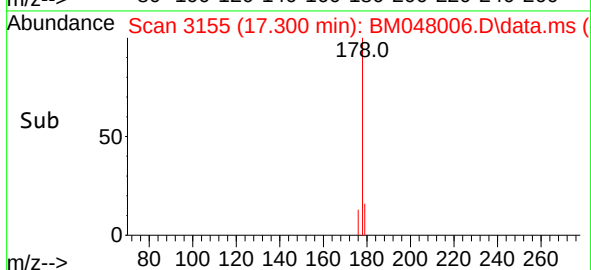
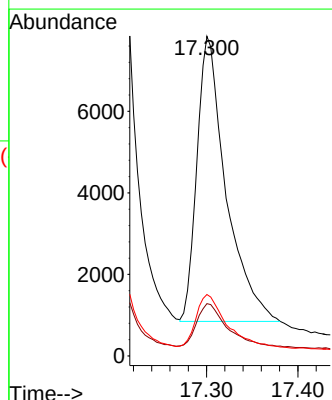
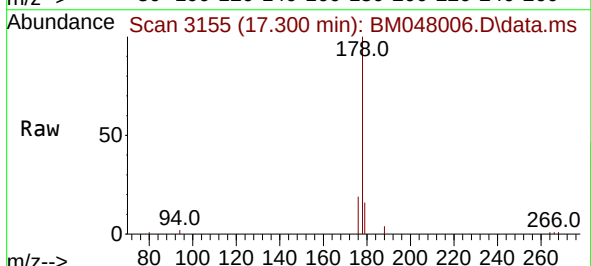
Tgt Ion:178 Resp: 15455

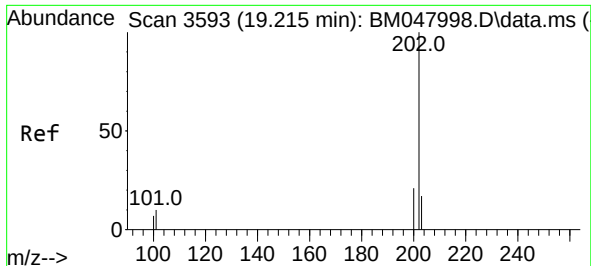
Ion Ratio Lower Upper

178 100

179 16.4 13.0 19.4

176 19.2 15.4 23.2

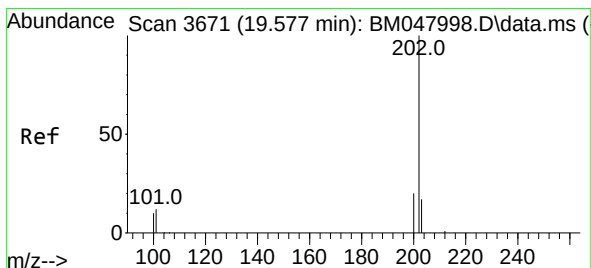
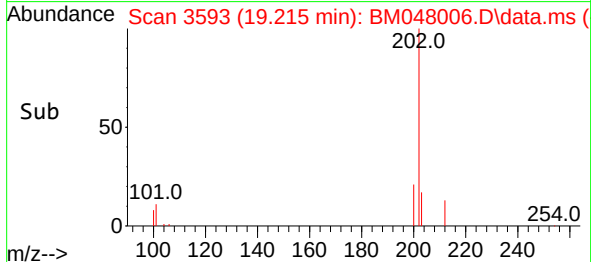
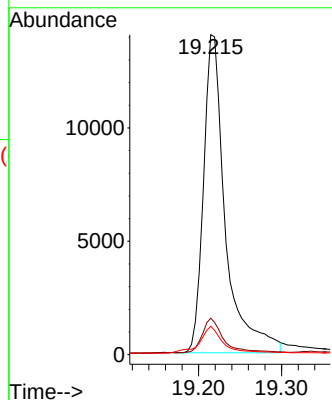
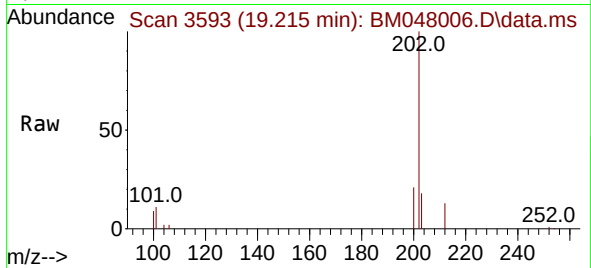




#19
Fluoranthene
Concen: 0.357 ng/u1
RT: 19.215 min Scan# 3593
Delta R.T. -0.001 min
Lab File: BM048006.D
Acq: 11 Oct 2024 09:57

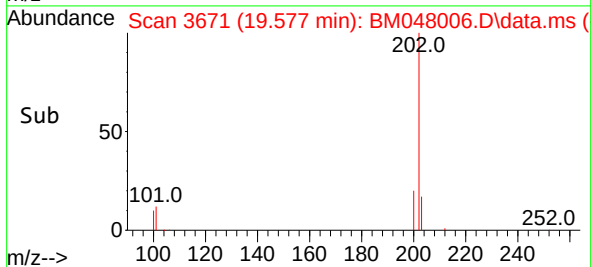
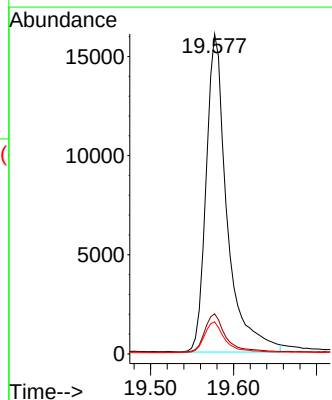
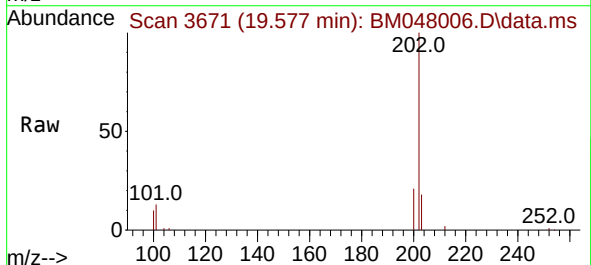
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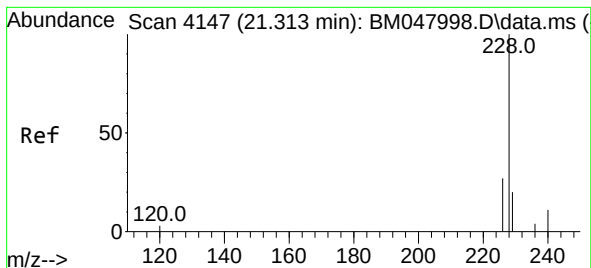
Tgt Ion:202 Resp: 25852
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.6
100 8.8 7.4 11.2



#20
Pyrene
Concen: 0.365 ng/u1
RT: 19.577 min Scan# 3671
Delta R.T. 0.003 min
Lab File: BM048006.D
Acq: 11 Oct 2024 09:57

Tgt Ion:202 Resp: 28139
Ion Ratio Lower Upper
202 100
101 12.6 10.7 16.1
100 10.1 8.2 12.2





#21

Benzo(a)anthracene

Concen: 0.274 ng/ul

RT: 21.319 min Scan# 4149

Delta R.T. 0.003 min

Lab File: BM048006.D

Acq: 11 Oct 2024 09:57

Instrument :

BNA_M

ClientSampleId :

SLCS767

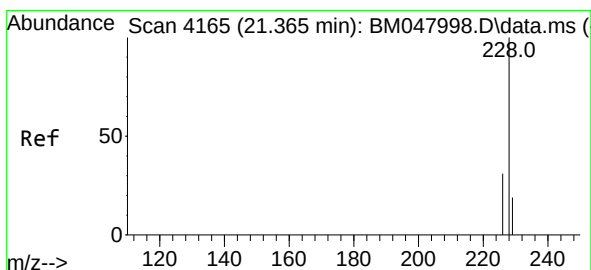
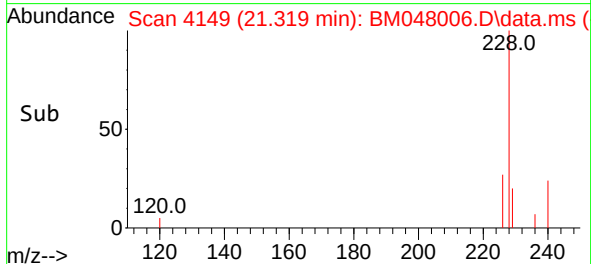
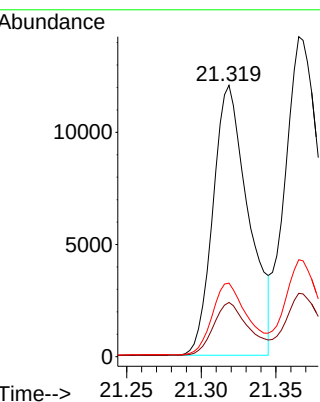
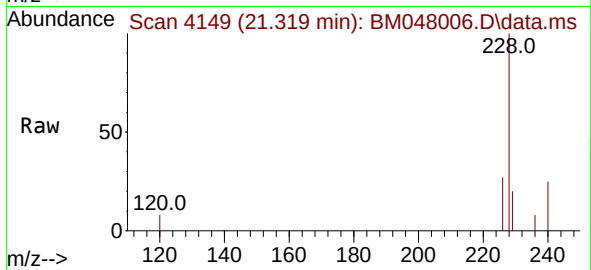
Tgt Ion:228 Resp: 19940

Ion Ratio Lower Upper

228 100

229 20.0 15.9 23.9

226 27.1 22.1 33.1



#22

Chrysene

Concen: 0.350 ng/ul

RT: 21.365 min Scan# 4165

Delta R.T. 0.000 min

Lab File: BM048006.D

Acq: 11 Oct 2024 09:57

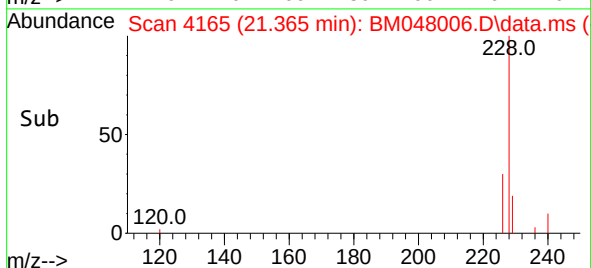
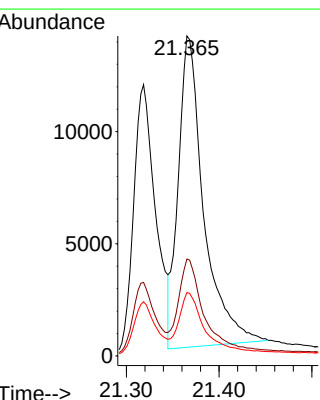
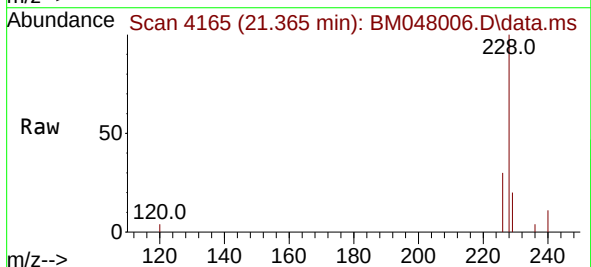
Tgt Ion:228 Resp: 26450

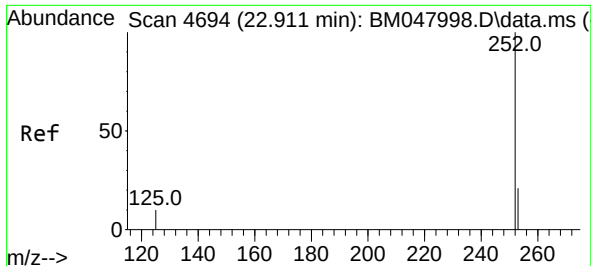
Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

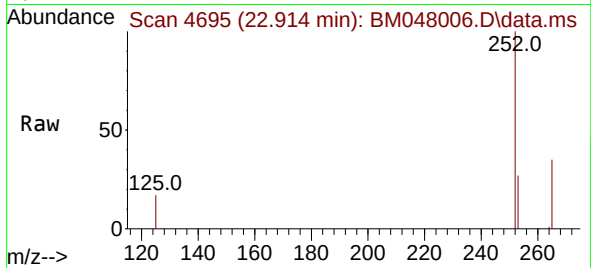
229 19.8 15.7 23.5



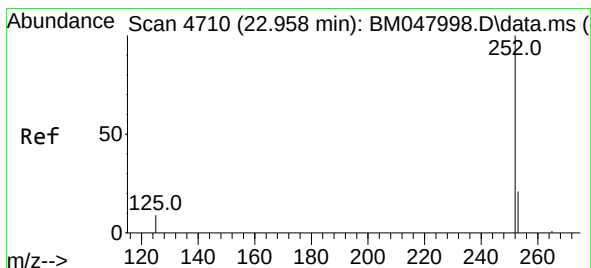
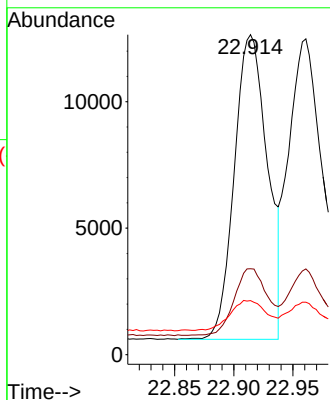


#24
Benzo(b)fluoranthene
Concen: 0.322 ng/ul
RT: 22.914 min Scan# 4694
Delta R.T. 0.003 min
Lab File: BM048006.D
Acq: 11 Oct 2024 09:57

Instrument :
BNA_M
ClientSampleId :
SLCS767

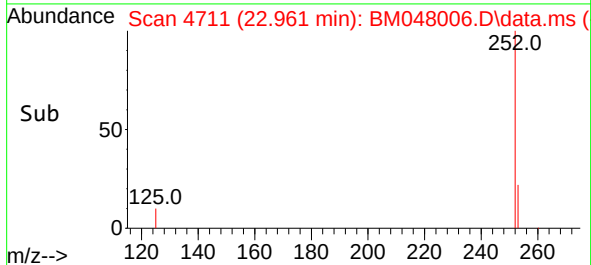
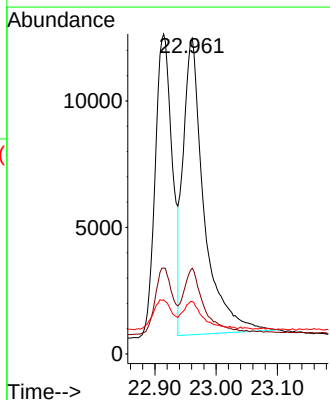
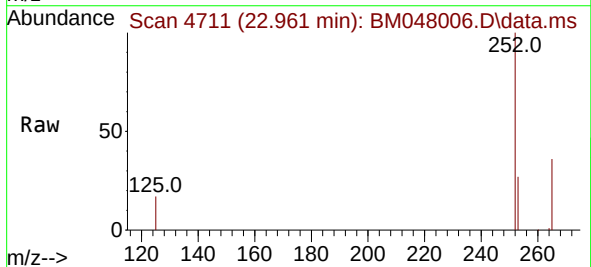


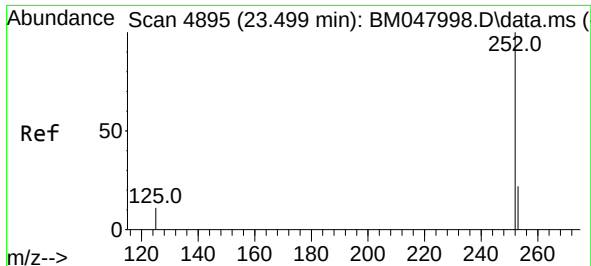
Tgt Ion:252 Resp: 23485
Ion Ratio Lower Upper
252 100
253 26.9 0.0 52.4
125 16.9 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.379 ng/ul
RT: 22.961 min Scan# 4711
Delta R.T. 0.003 min
Lab File: BM048006.D
Acq: 11 Oct 2024 09:57

Tgt Ion:252 Resp: 27779
Ion Ratio Lower Upper
252 100
253 27.2 21.0 31.6
125 16.6 14.6 21.8

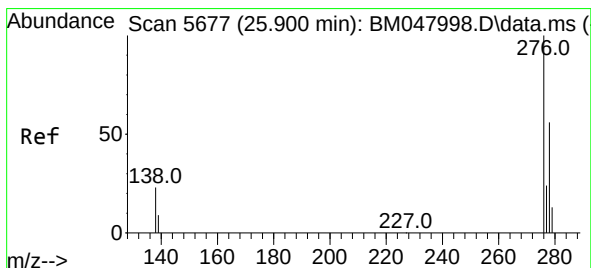
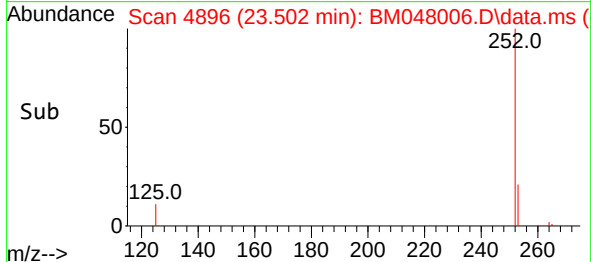
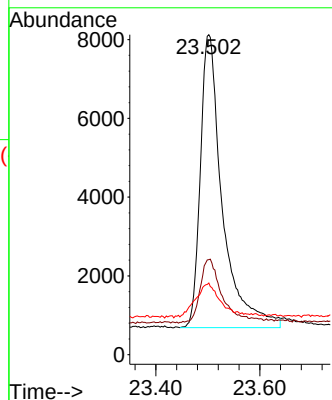
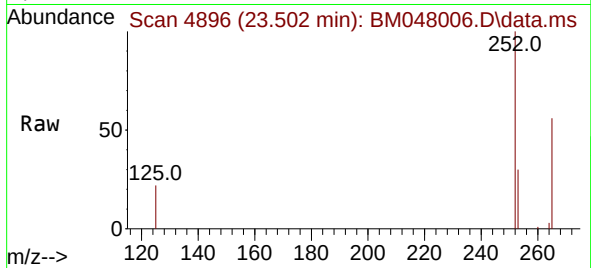




#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 23.502 min Scan# 4896
Delta R.T. 0.006 min
Lab File: BM048006.D
Acq: 11 Oct 2024 09:57

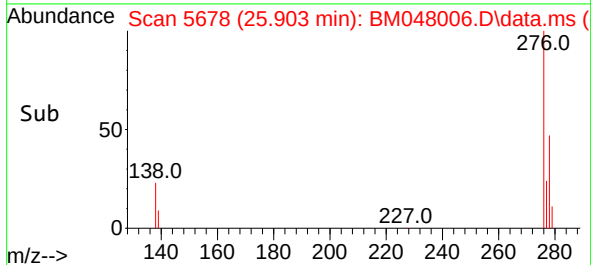
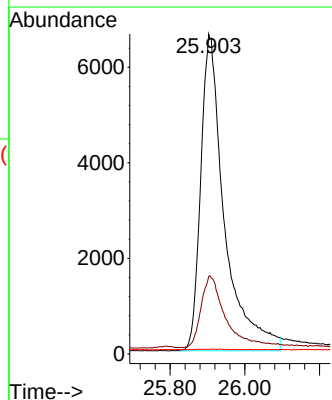
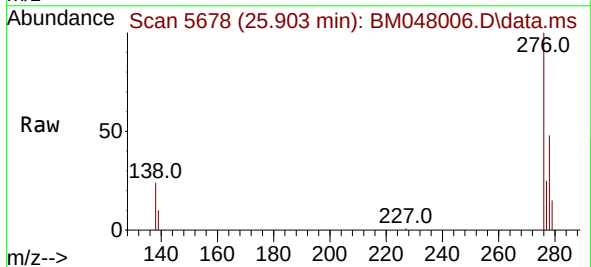
Instrument :
BNA_M
ClientSampleId :
SLCS767

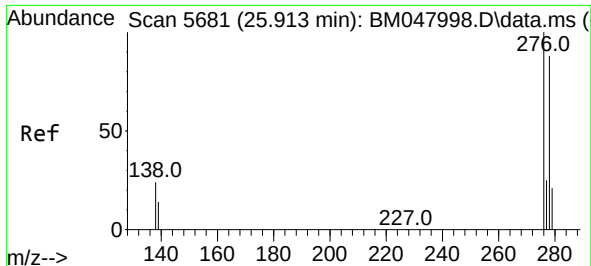
Tgt Ion:	252	Resp:	21883
Ion Ratio	Lower	Upper	
252	100		
253	29.7	23.0	34.4
125	22.4	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.319 ng/ul
RT: 25.903 min Scan# 5678
Delta R.T. 0.004 min
Lab File: BM048006.D
Acq: 11 Oct 2024 09:57

Tgt Ion:	276	Resp:	29179
Ion Ratio	Lower	Upper	
276	100		
138	23.8	22.0	33.0
227	0.0	0.2	0.4

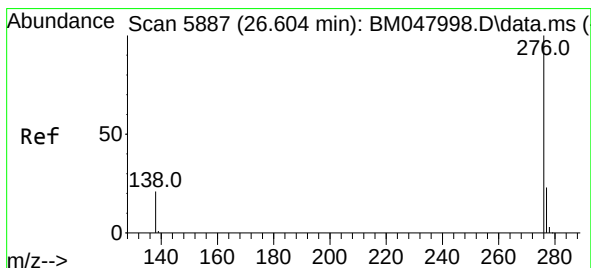
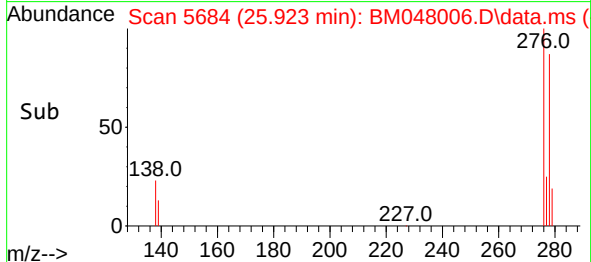
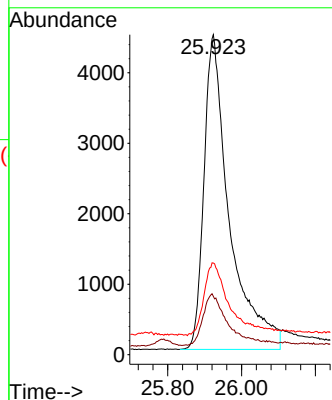
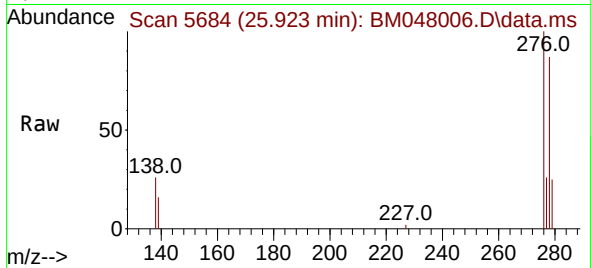




#28
Dibenzo(a,h)anthracene
Concen: 0.310 ng/ul
RT: 25.923 min Scan# 5684
Delta R.T. 0.014 min
Lab File: BM048006.D
Acq: 11 Oct 2024 09:57

Instrument :
BNA_M
ClientSampleId :
SLCS767

Tgt Ion:278 Resp: 21384
Ion Ratio Lower Upper
278 100
139 18.3 16.8 25.2
279 28.7 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.348 ng/ul
RT: 26.608 min Scan# 5888
Delta R.T. 0.007 min
Lab File: BM048006.D
Acq: 11 Oct 2024 09:57

Tgt Ion:276 Resp: 25557
Ion Ratio Lower Upper
276 100
138 22.6 20.2 30.2
277 24.7 19.8 29.6

