

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101024\
 Data File : BM048001.D
 Acq On : 11 Oct 2024 06:16
 Operator : RC/JU
 Sample : PB163721BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS721

Quant Time: Oct 11 06:46:52 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)

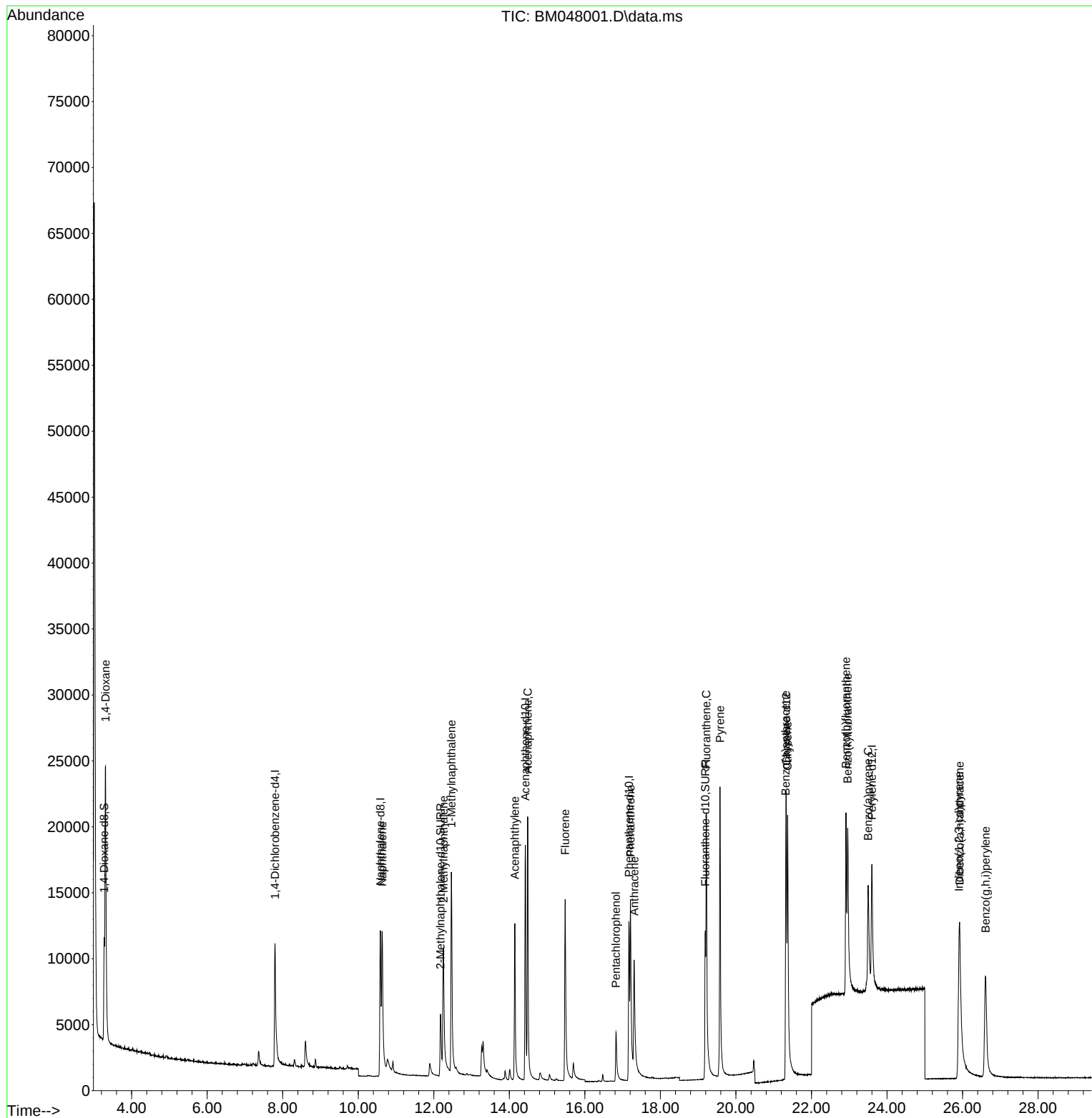
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	7168	0.400	ng/ul	0.00
4) Naphthalene-d8	10.585	136	21540	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.423	164	12096	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.167	188	21225	0.400	ng/ul	0.00
17) Chrysene-d12	21.333	240	17490	0.400	ng/ul	0.00
23) Perylene-d12	23.601	264	16911	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	7072	0.768	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	9634	0.335	ng/ul	0.00
18) Fluoranthene-d10	19.188	212	17514	0.327	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.307	88	19755	1.792	ng/ul#	83
5) Naphthalene	10.634	128	19531	0.333	ng/ul	99
7) 2-Methylnaphthalene	12.256	142	10997	0.312	ng/ul	99
8) 1-Methylnaphthalene	12.465	142	14601	0.395	ng/ul	100
10) Acenaphthylene	14.146	152	16919	0.288	ng/ul	99
11) Acenaphthene	14.488	153	13425	0.333	ng/ul	99
12) Fluorene	15.478	166	12922	0.283	ng/ul	98
14) Pentachlorophenol	16.825	266	3887	0.609	ng/ul	99
15) Phenanthrene	17.209	178	19050	0.302	ng/ul	99
16) Anthracene	17.306	178	13288	0.237	ng/ul	99
19) Fluoranthene	19.216	202	22696	0.308	ng/ul	97
20) Pyrene	19.578	202	24541	0.313	ng/ul	97
21) Benzo(a)anthracene	21.318	228	17563	0.237	ng/ul	99
22) Chrysene	21.368	228	22733	0.296	ng/ul	100
24) Benzo(b)fluoranthene	22.914	252	19422	0.264	ng/ul	98
25) Benzo(k)fluoranthene	22.958	252	24517	0.331	ng/ul	98
26) Benzo(a)pyrene	23.501	252	18448	0.318	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.906	276	24892	0.269	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.926	278	18033	0.259	ng/ul	94
29) Benzo(g,h,i)perylene	26.611	276	22047	0.297	ng/ul	98

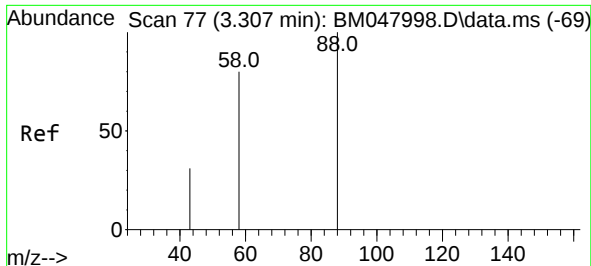
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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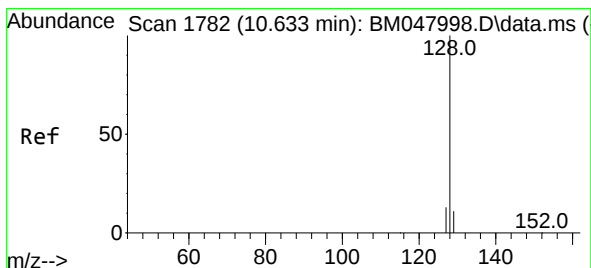
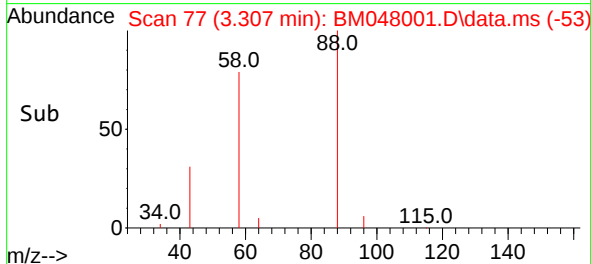
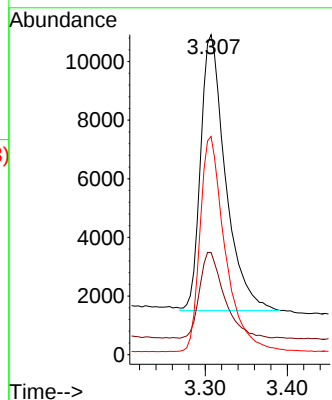
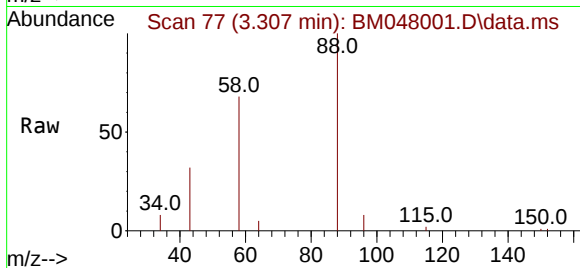




#2
1,4-Dioxane
Concen: 1.792 ng/ul
RT: 3.307 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

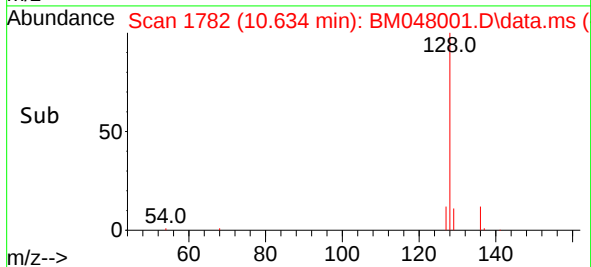
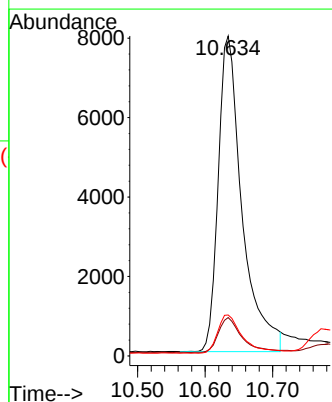
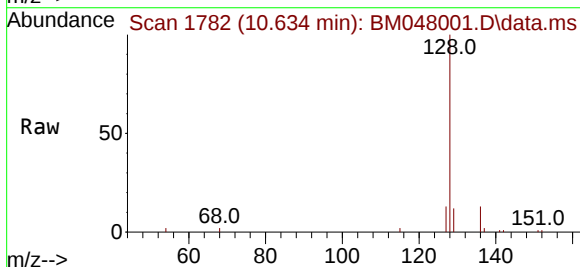
Instrument :
BNA_M
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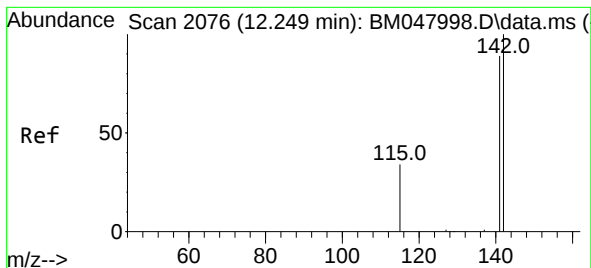
Tgt Ion: 88 Resp: 19755
Ion Ratio Lower Upper
88 100
43 32.0 30.9 46.3
58 68.2 42.5 63.7#



#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.634 min Scan# 1782
Delta R.T. 0.006 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

Tgt Ion: 128 Resp: 19531
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 12.8 10.4 15.6

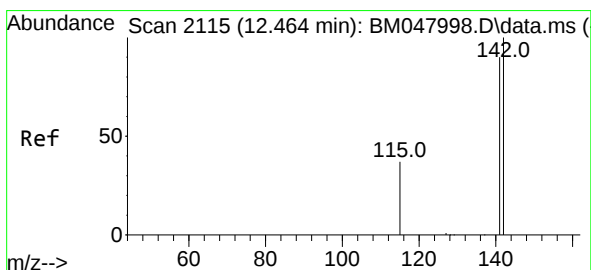
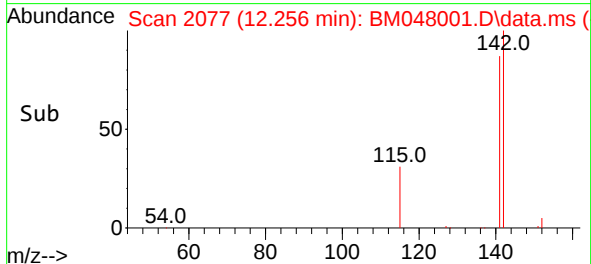
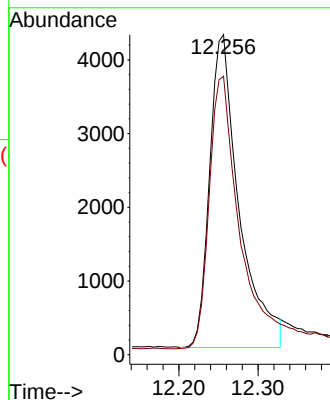
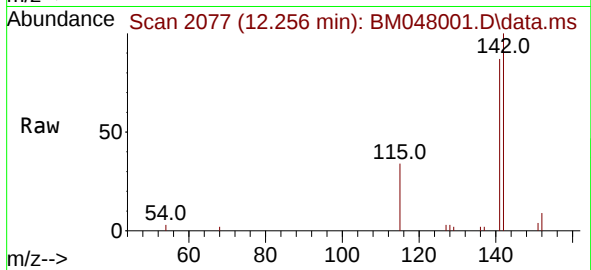




#7
2-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.256 min Scan# 2076
Delta R.T. 0.011 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

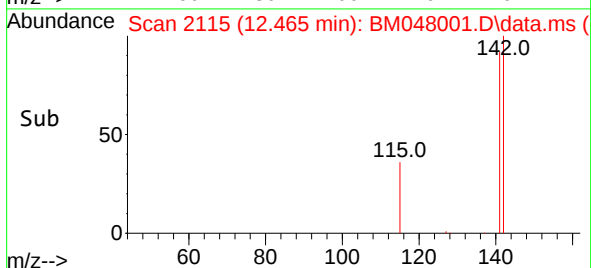
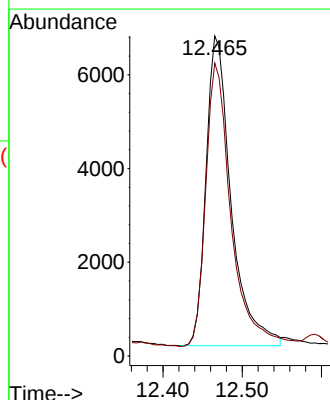
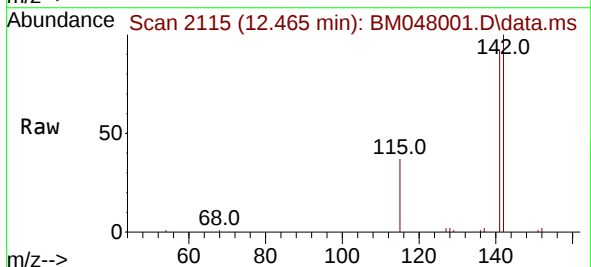
Instrument :
BNA_M
ClientSampleId :
SLCS721

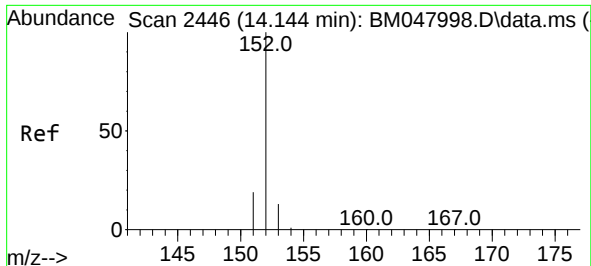
Tgt Ion:142 Resp: 10997
Ion Ratio Lower Upper
142 100
141 88.6 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.465 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

Tgt Ion:142 Resp: 14601
Ion Ratio Lower Upper
142 100
141 91.3 72.9 109.3

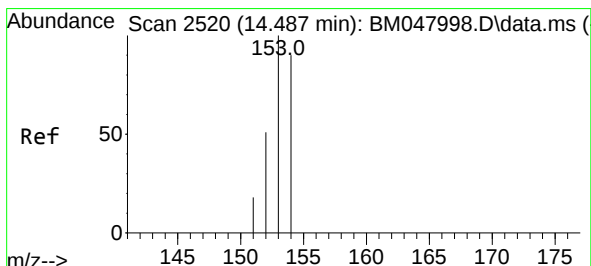
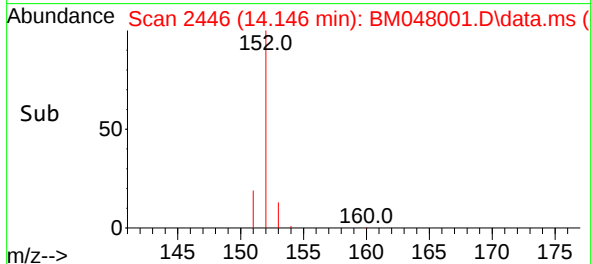
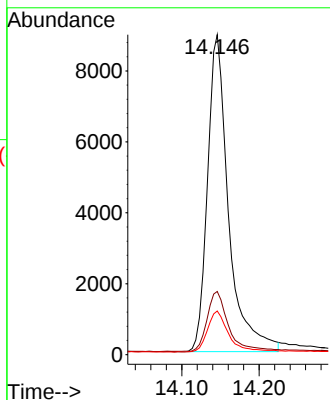
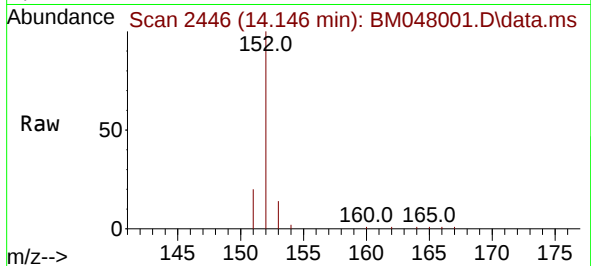




#10
Acenaphthylene
Concen: 0.288 ng/ul
RT: 14.146 min Scan# 2446
Delta R.T. 0.005 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

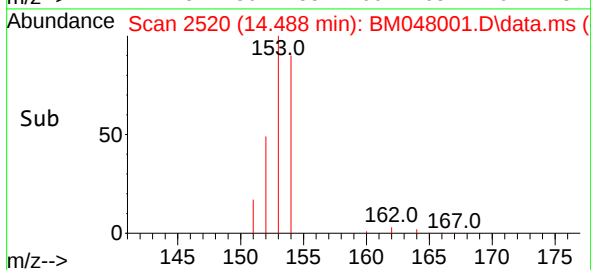
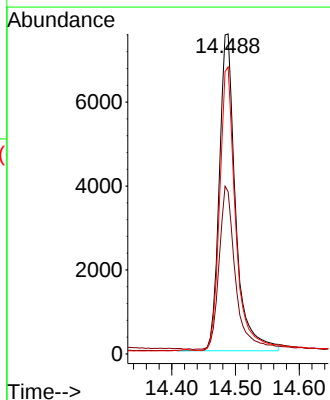
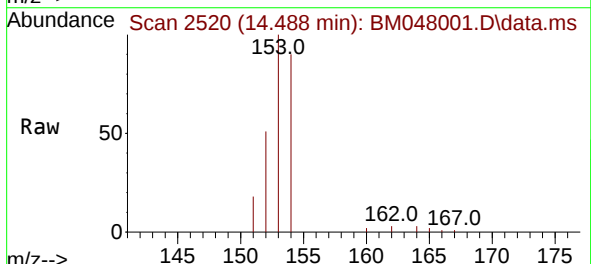
Instrument :
BNA_M
ClientSampleId :
SLCS721

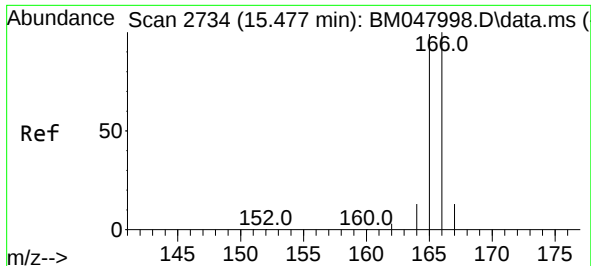
Tgt Ion:	152	Resp:	16919
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.1	24.1
153	13.6	10.7	16.1



#11
Acenaphthene
Concen: 0.333 ng/ul
RT: 14.488 min Scan# 2520
Delta R.T. 0.005 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

Tgt Ion:	153	Resp:	13425
Ion Ratio	Lower	Upper	
153	100		
152	50.7	41.7	62.5
154	89.7	71.2	106.8

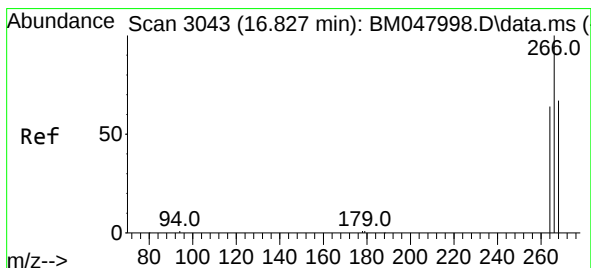
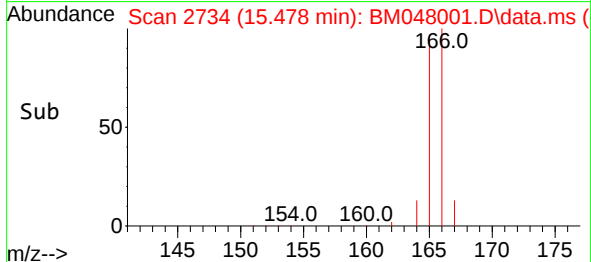
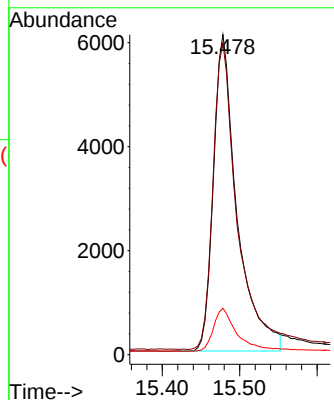
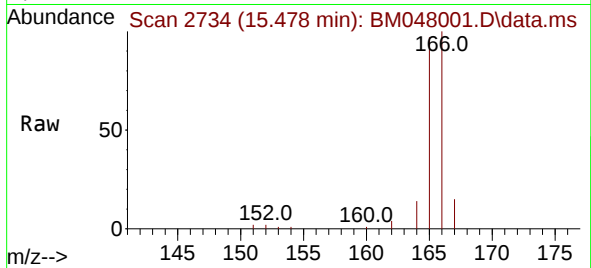




#12
Fluorene
Concen: 0.283 ng/ul
RT: 15.478 min Scan# 21
Delta R.T. 0.009 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

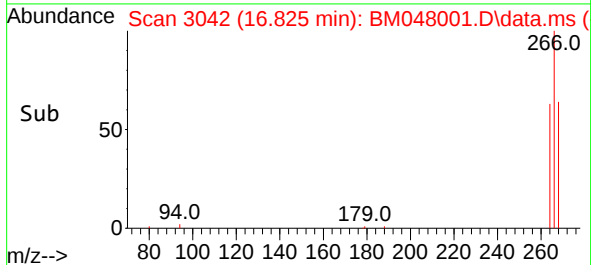
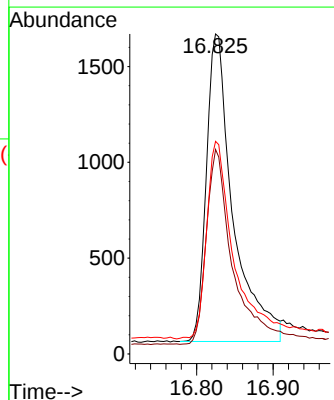
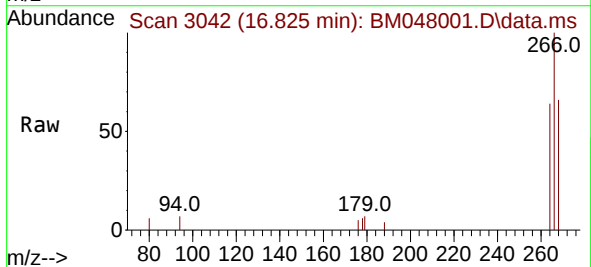
Instrument :
BNA_M
ClientSampleId :
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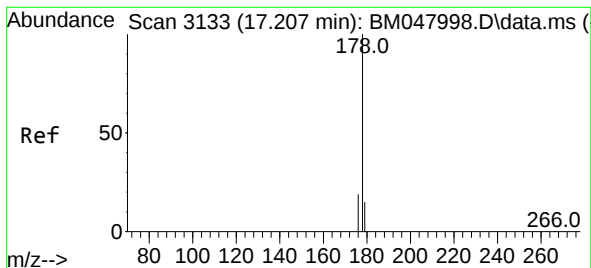
Tgt Ion:166 Resp: 12922
Ion Ratio Lower Upper
166 100
165 97.4 79.4 119.2
167 14.5 11.4 17.0



#14
Pentachlorophenol
Concen: 0.609 ng/ul
RT: 16.825 min Scan# 3042
Delta R.T. 0.004 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

Tgt Ion:266 Resp: 3887
Ion Ratio Lower Upper
266 100
264 62.4 49.8 74.8
268 65.2 51.2 76.8





#15

Phenanthrene

Concen: 0.302 ng/ul

RT: 17.209 min Scan# 3133

Delta R.T. 0.008 min

Lab File: BM048001.D

Acq: 11 Oct 2024 06:16

Instrument :

BNA_M

ClientSampleId :

SLCS721

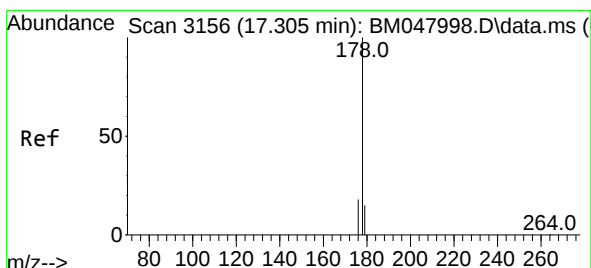
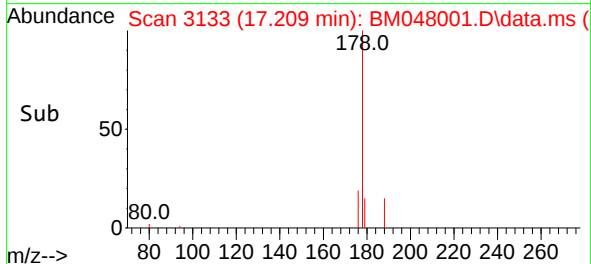
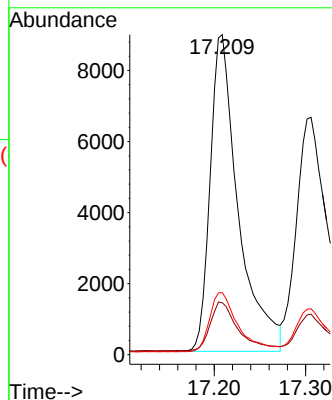
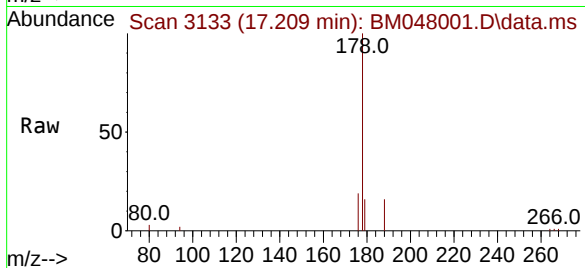
Tgt Ion:178 Resp: 19050

Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.6

176 19.4 15.9 23.9



#16

Anthracene

Concen: 0.237 ng/ul

RT: 17.306 min Scan# 3156

Delta R.T. 0.013 min

Lab File: BM048001.D

Acq: 11 Oct 2024 06:16

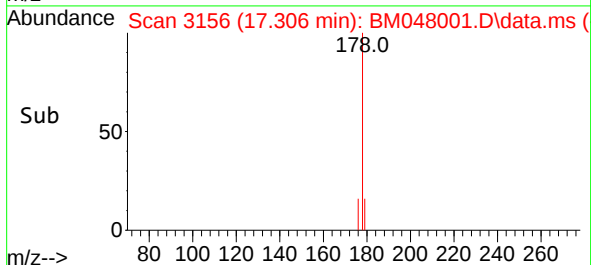
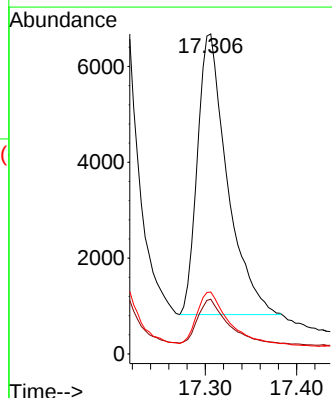
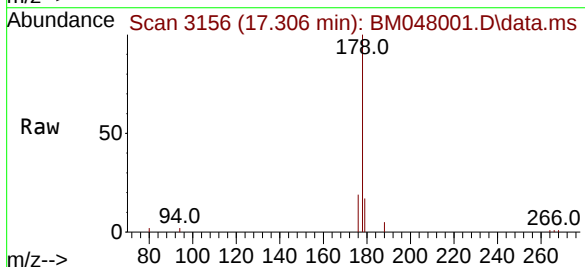
Tgt Ion:178 Resp: 13288

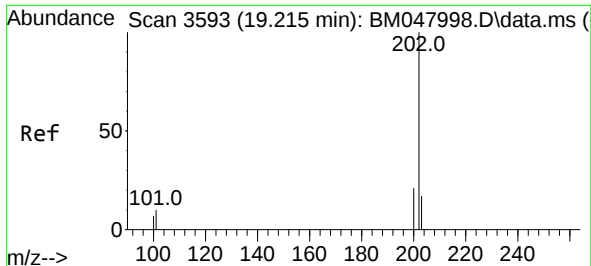
Ion Ratio Lower Upper

178 100

179 17.1 13.0 19.4

176 19.4 15.4 23.2

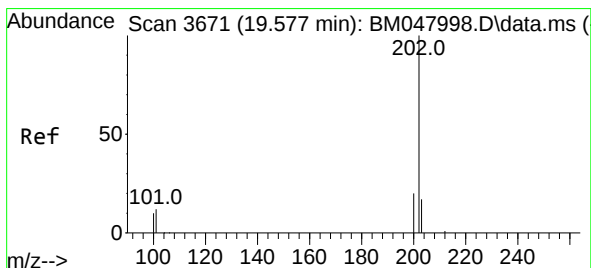
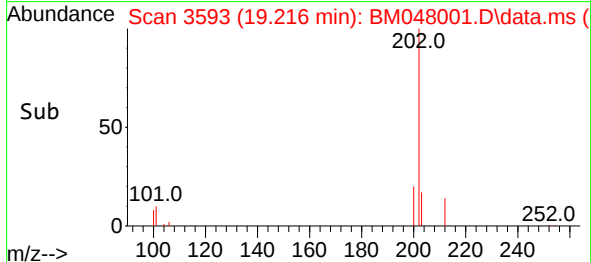
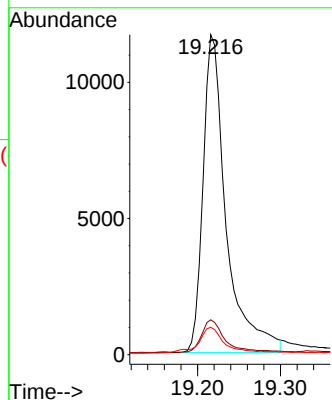
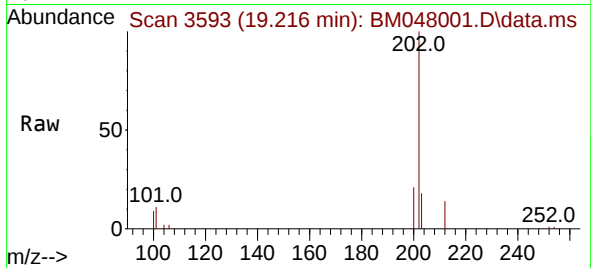




#19
Fluoranthene
Concen: 0.308 ng/u1
RT: 19.216 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

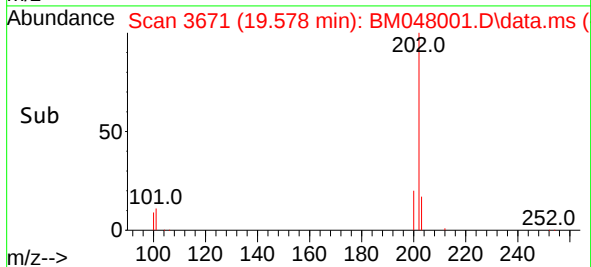
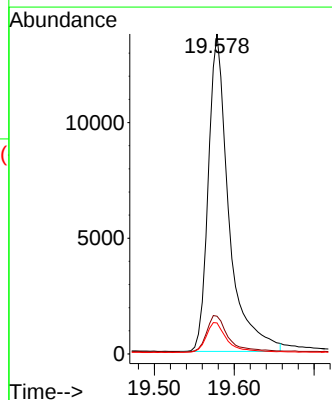
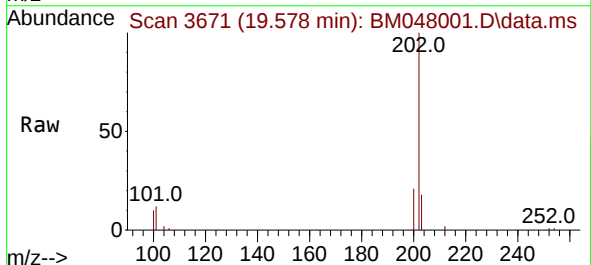
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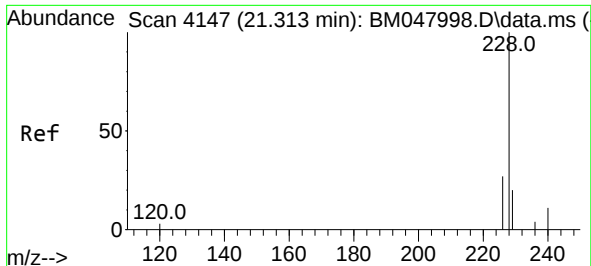
Tgt Ion:	202	Resp:	22696
Ion Ratio	Lower	Upper	
202	100		
101	10.9	9.8	14.6
100	8.6	7.4	11.2



#20
Pyrene
Concen: 0.313 ng/u1
RT: 19.578 min Scan# 3671
Delta R.T. 0.005 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

Tgt Ion:	202	Resp:	24541
Ion Ratio	Lower	Upper	
202	100		
101	11.8	10.7	16.1
100	9.7	8.2	12.2

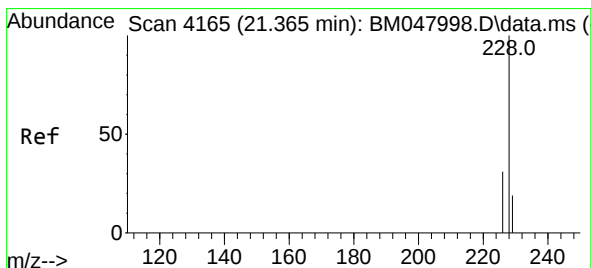
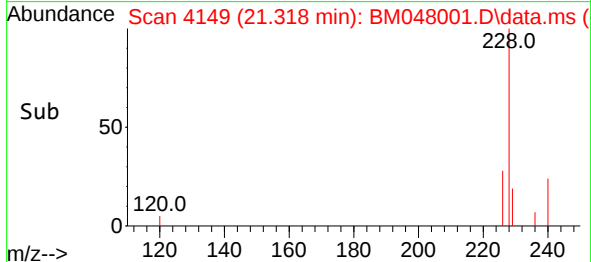
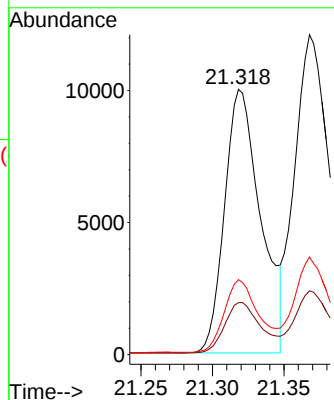
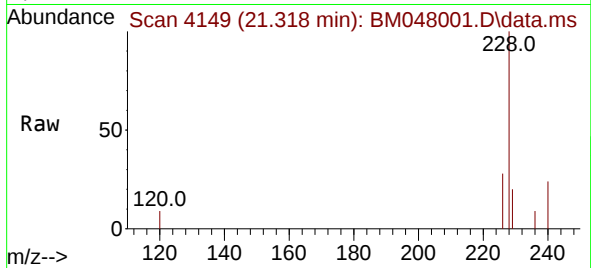




#21
Benzo(a)anthracene
Concen: 0.237 ng/ul
RT: 21.318 min Scan# 4147
Delta R.T. 0.003 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

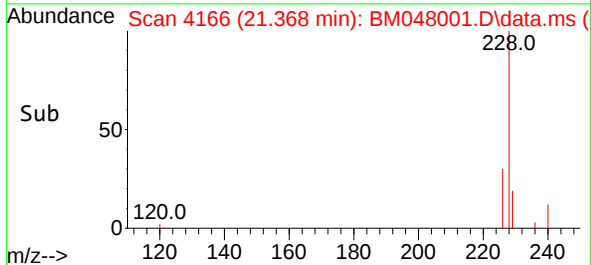
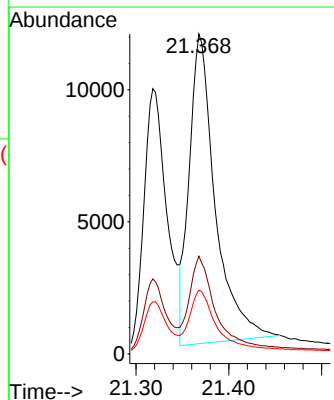
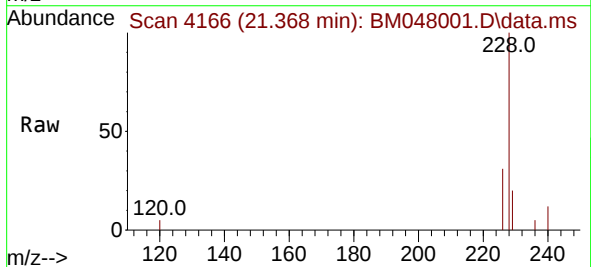
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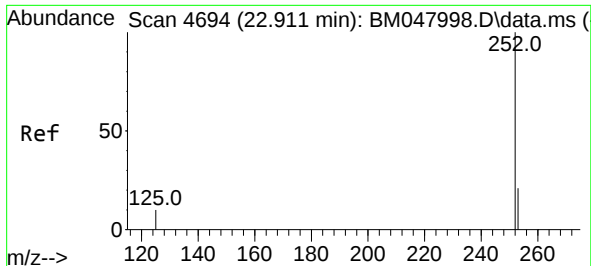
Tgt Ion:228 Resp: 17563
Ion Ratio Lower Upper
228 100
229 19.6 15.9 23.9
226 28.3 22.1 33.1



#22
Chrysene
Concen: 0.296 ng/ul
RT: 21.368 min Scan# 4166
Delta R.T. 0.003 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

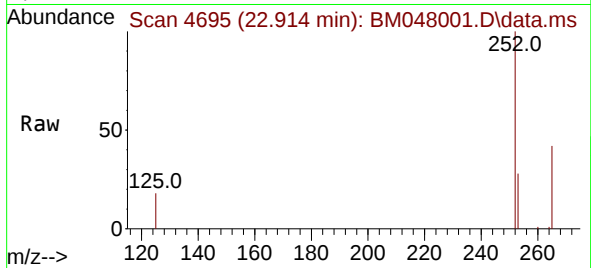
Tgt Ion:228 Resp: 22733
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 20.0 15.7 23.5



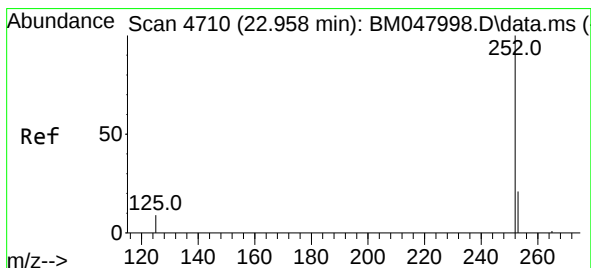
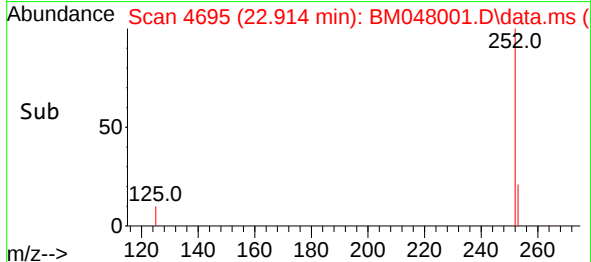
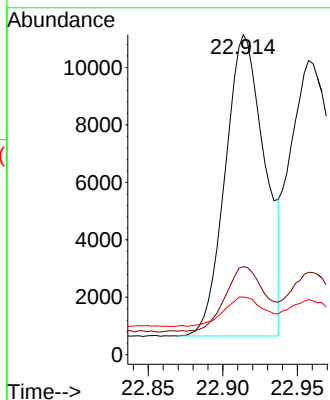


#24
Benzo(b)fluoranthene
Concen: 0.264 ng/ul
RT: 22.914 min Scan# 4695
Delta R.T. 0.003 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

Instrument :
BNA_M
ClientSampleId :
SLCS721

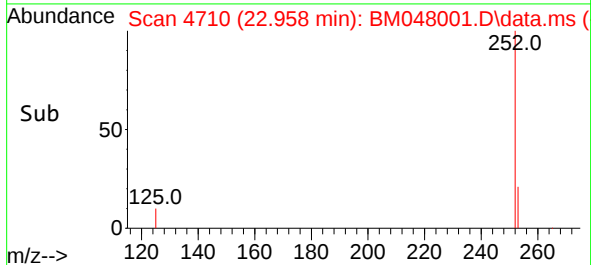
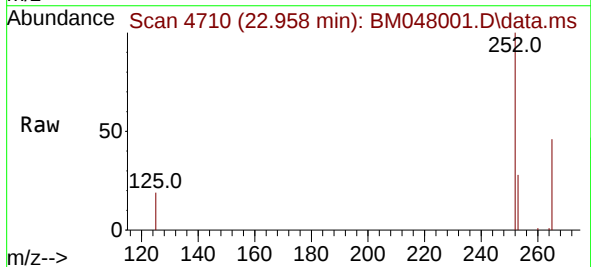
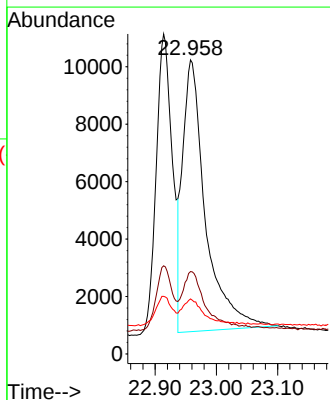


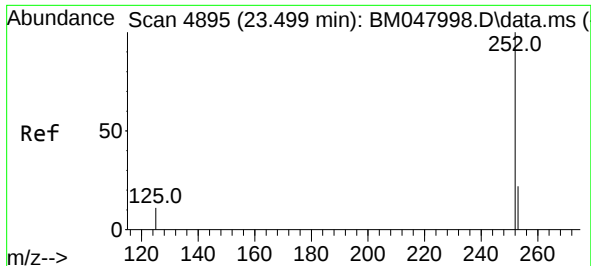
Tgt Ion:252 Resp: 19422
Ion Ratio Lower Upper
252 100
253 27.5 0.0 52.4
125 18.0 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.331 ng/ul
RT: 22.958 min Scan# 4710
Delta R.T. 0.000 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

Tgt Ion:252 Resp: 24517
Ion Ratio Lower Upper
252 100
253 28.0 21.0 31.6
125 18.7 14.6 21.8

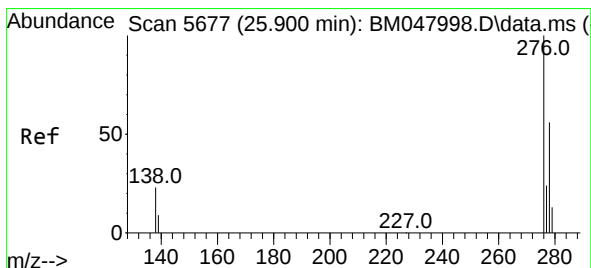
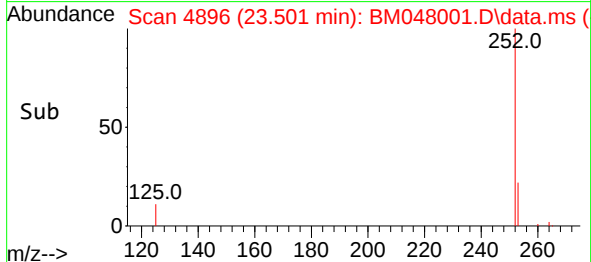
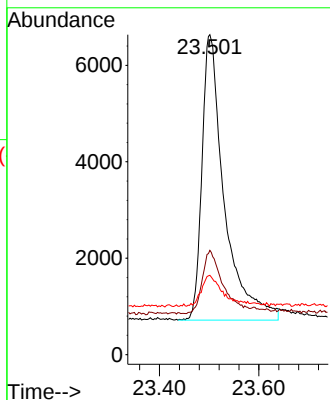
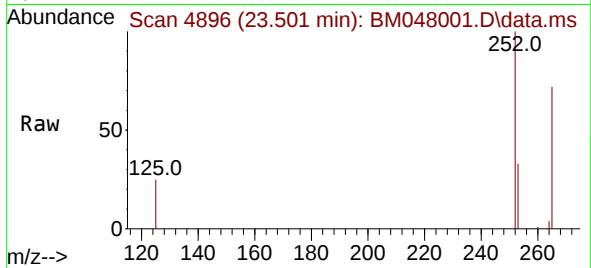




#26
Benzo(a)pyrene
Concen: 0.318 ng/ul
RT: 23.501 min Scan# 4896
Delta R.T. 0.006 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

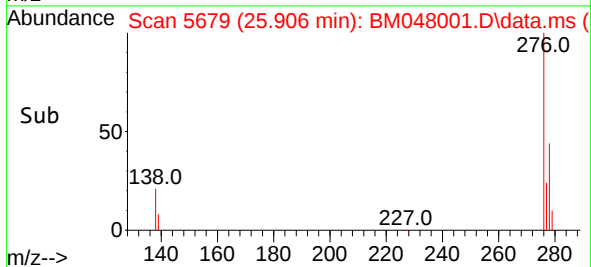
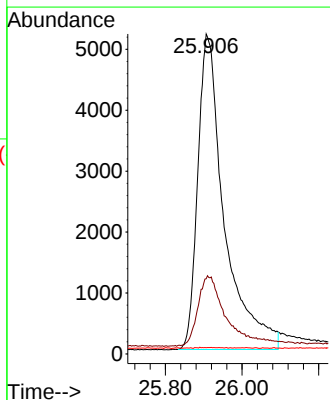
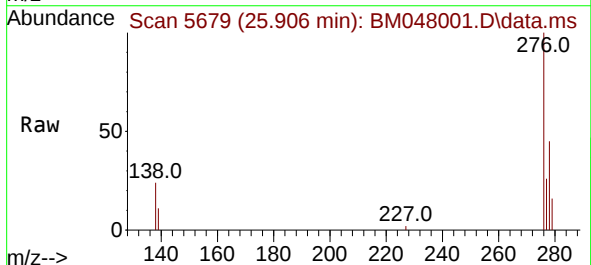
Instrument :
BNA_M
ClientSampleId :
SLCS721

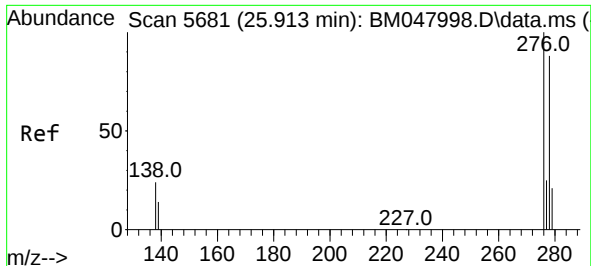
Tgt Ion:	252	Resp:	18448
Ion Ratio	Lower	Upper	
252	100		
253	32.6	23.0	34.4
125	24.8	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.269 ng/ul
RT: 25.906 min Scan# 5679
Delta R.T. 0.007 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

Tgt Ion:	276	Resp:	24892
Ion Ratio	Lower	Upper	
276	100		
138	23.3	22.0	33.0
227	0.0	0.2	0.4

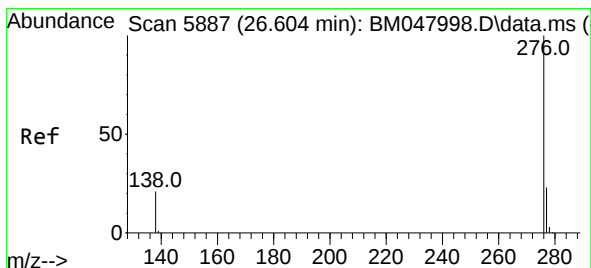
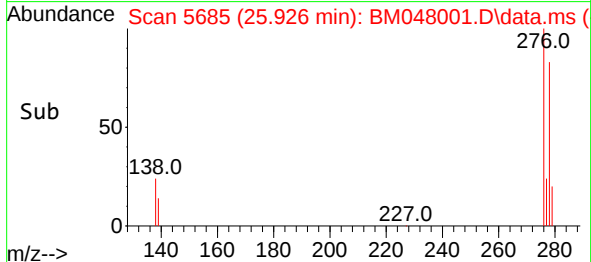
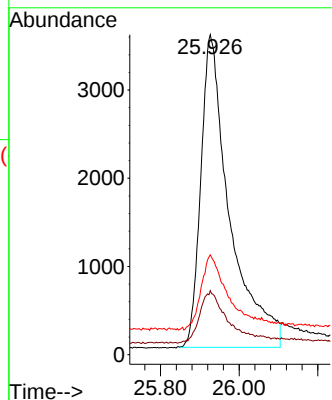
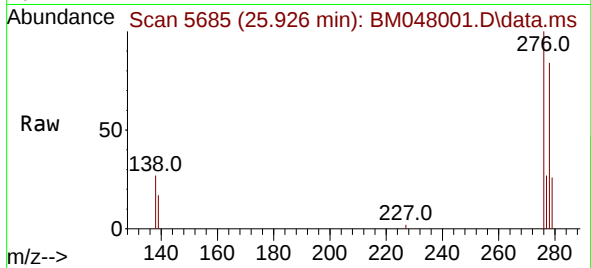




#28
Dibenzo(a,h)anthracene
Concen: 0.259 ng/ul
RT: 25.926 min Scan# 5685
Delta R.T. 0.017 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

Instrument :
BNA_M
ClientSampleId :
SLCS721

Tgt Ion:278 Resp: 18033
Ion Ratio Lower Upper
278 100
139 20.0 16.8 25.2
279 31.2 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.297 ng/ul
RT: 26.611 min Scan# 5889
Delta R.T. 0.010 min
Lab File: BM048001.D
Acq: 11 Oct 2024 06:16

Tgt Ion:276 Resp: 22047
Ion Ratio Lower Upper
276 100
138 22.9 20.2 30.2
277 24.8 19.8 29.6

