

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101024\
 Data File : BM048005.D
 Acq On : 11 Oct 2024 09:18
 Operator : RC/JU
 Sample : PB163729BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS729

Quant Time: Oct 11 09:50:16 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)

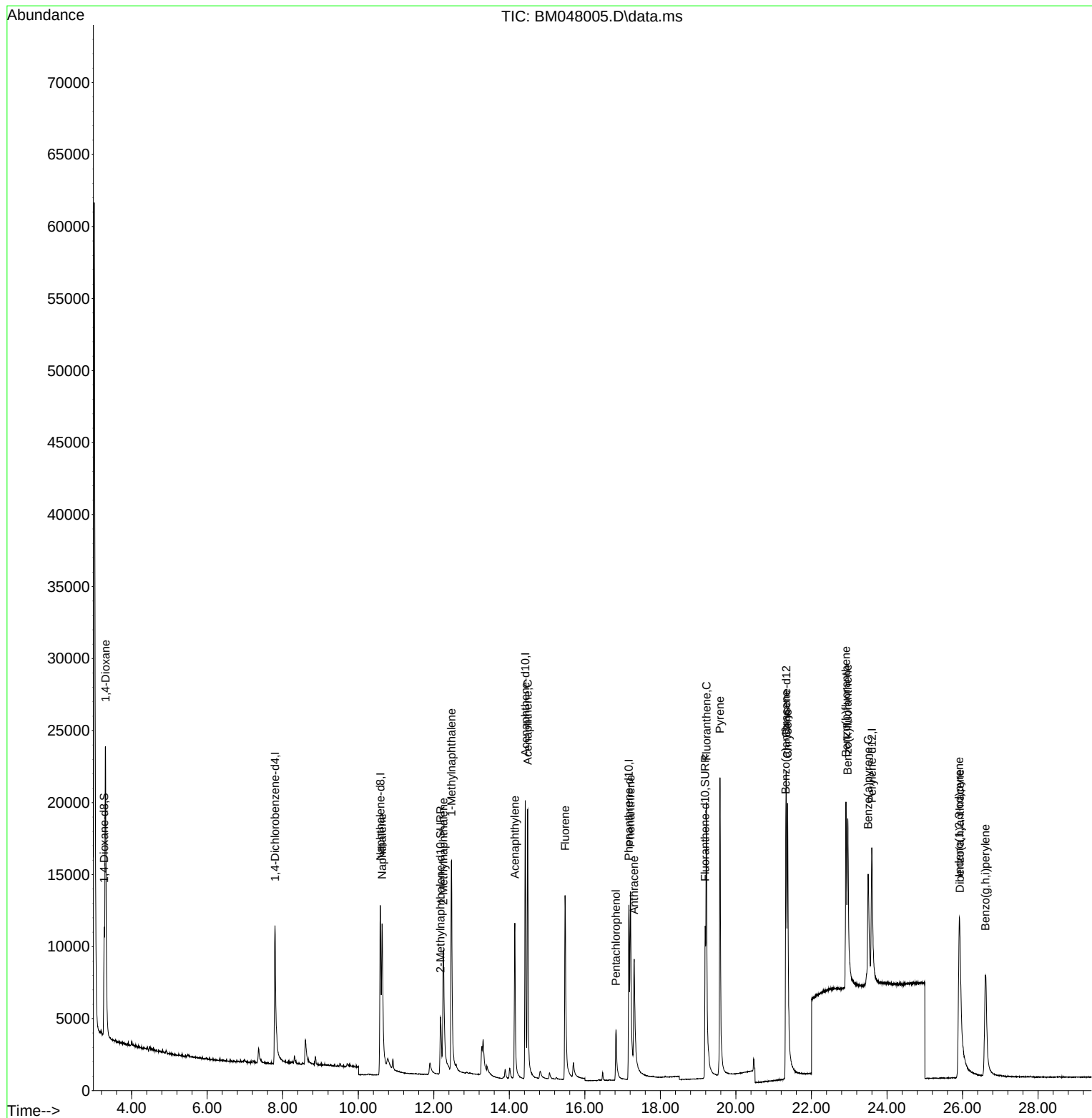
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	7670	0.400	ng/ul	0.00
4) Naphthalene-d8	10.583	136	23007	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.422	164	13161	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.165	188	21915	0.400	ng/ul	0.00
17) Chrysene-d12	21.333	240	17639	0.400	ng/ul	0.00
23) Perylene-d12	23.598	264	17201	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	6767	0.687	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.178	152	8912	0.290	ng/ul	0.00
18) Fluoranthene-d10	19.187	212	16982	0.314	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.307	88	19043	1.615	ng/ul#	83
5) Naphthalene	10.633	128	18355	0.293	ng/ul	99
7) 2-Methylnaphthalene	12.255	142	10245	0.272	ng/ul	99
8) 1-Methylnaphthalene	12.469	142	14056	0.356	ng/ul	100
10) Acenaphthylene	14.145	152	16081	0.251	ng/ul	99
11) Acenaphthene	14.487	153	12832	0.292	ng/ul	98
12) Fluorene	15.477	166	12400	0.250	ng/ul	99
14) Pentachlorophenol	16.823	266	3747	0.569	ng/ul	100
15) Phenanthrene	17.207	178	18233	0.280	ng/ul	100
16) Anthracene	17.305	178	12376	0.214	ng/ul	98
19) Fluoranthene	19.219	202	21985	0.296	ng/ul	96
20) Pyrene	19.577	202	23792	0.301	ng/ul	99
21) Benzo(a)anthracene	21.318	228	16823	0.226	ng/ul	99
22) Chrysene	21.368	228	22208	0.286	ng/ul	99
24) Benzo(b)fluoranthene	22.914	252	19360	0.259	ng/ul	98
25) Benzo(k)fluoranthene	22.958	252	23013	0.306	ng/ul	97
26) Benzo(a)pyrene	23.502	252	17632	0.299	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.913	276	23826	0.254	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.933	278	17035	0.240	ng/ul	94
29) Benzo(g,h,i)perylene	26.608	276	21510	0.285	ng/ul	98

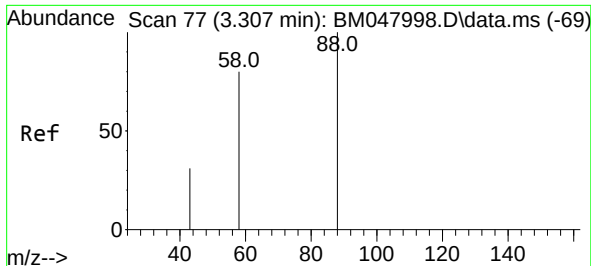
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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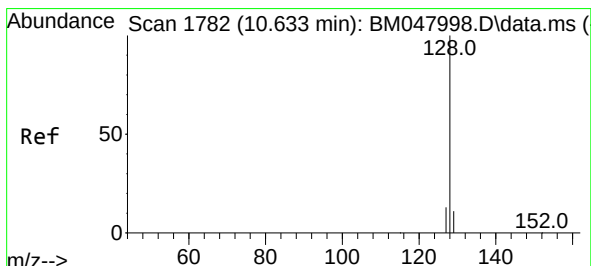
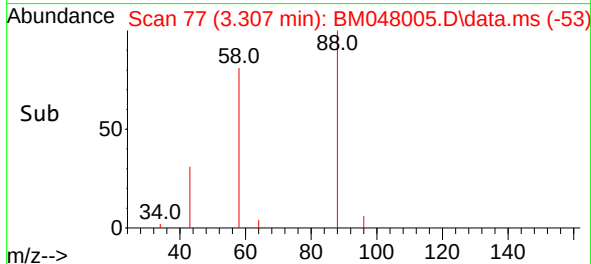
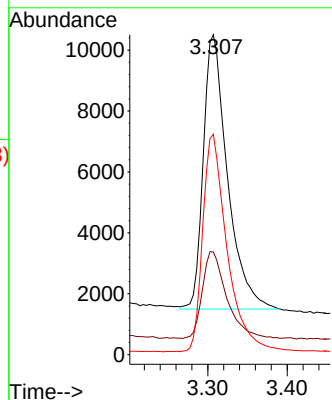
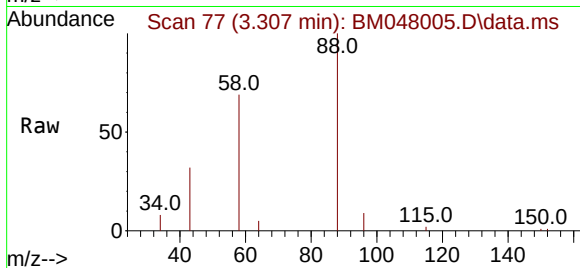




#2
1,4-Dioxane
Concen: 1.615 ng/ul
RT: 3.307 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

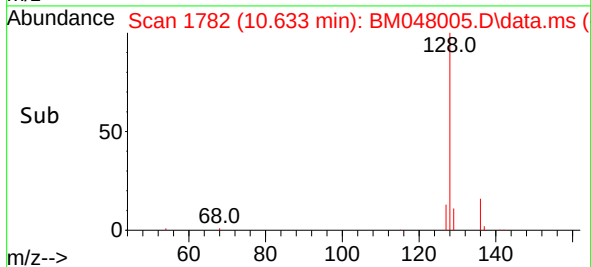
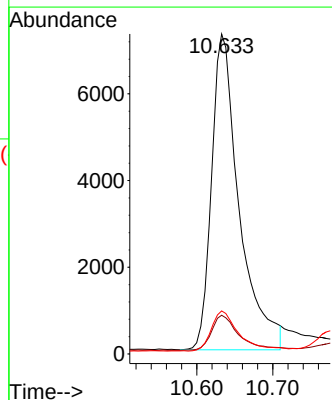
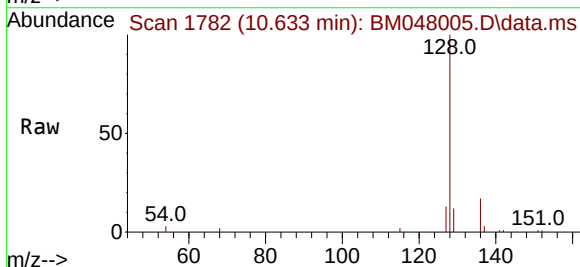
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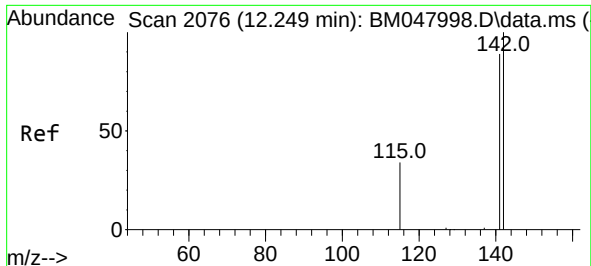
Tgt Ion: 88 Resp: 19043
Ion Ratio Lower Upper
88 100
43 32.1 30.9 46.3
58 68.9 42.5 63.7#



#5
Naphthalene
Concen: 0.293 ng/ul
RT: 10.633 min Scan# 1782
Delta R.T. 0.004 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

Tgt Ion: 128 Resp: 18355
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.5 10.4 15.6

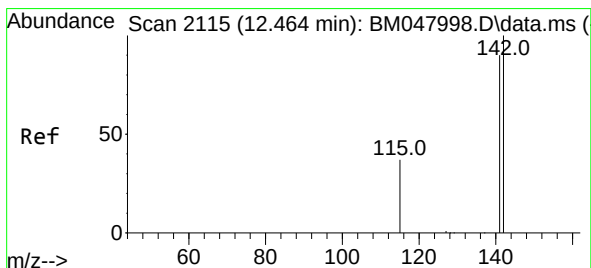
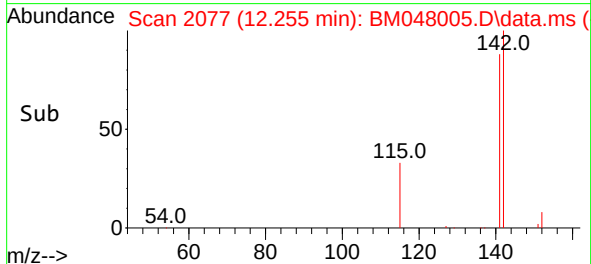
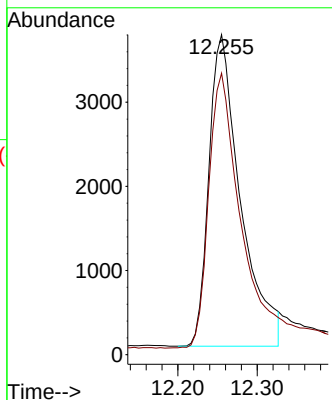
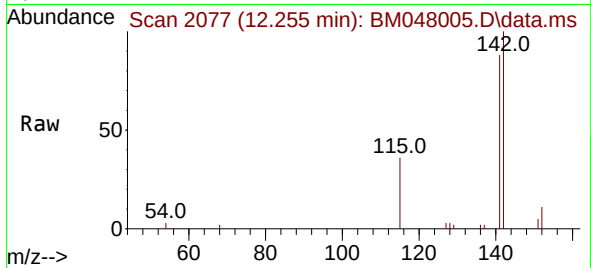




#7
2-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.255 min Scan# 2077
Delta R.T. 0.010 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

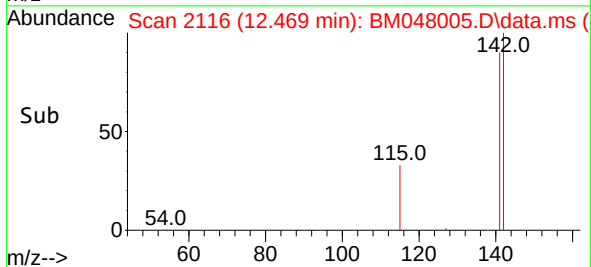
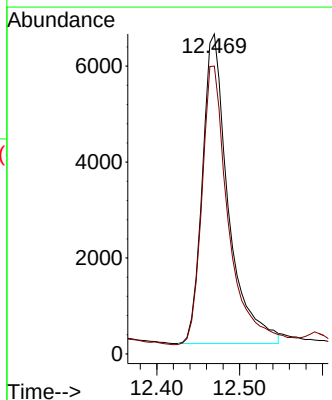
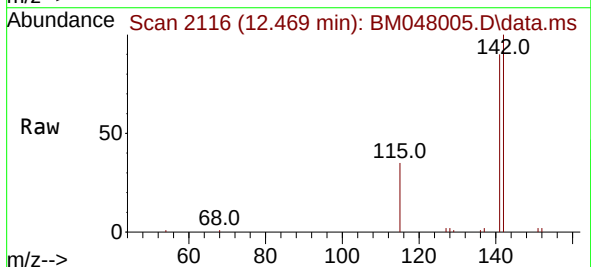
Instrument :
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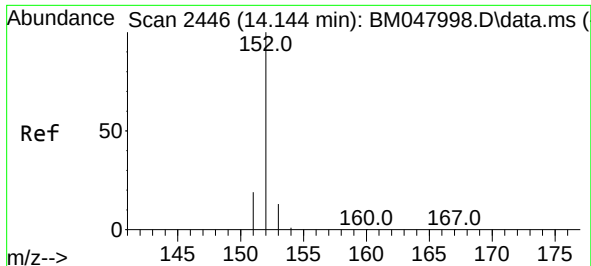
Tgt Ion:142 Resp: 10245
Ion Ratio Lower Upper
142 100
141 88.7 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.469 min Scan# 2116
Delta R.T. 0.004 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

Tgt Ion:142 Resp: 14056
Ion Ratio Lower Upper
142 100
141 91.4 72.9 109.3

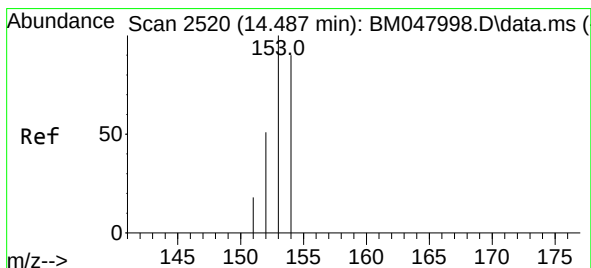
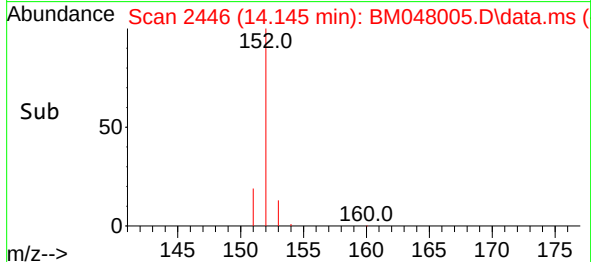
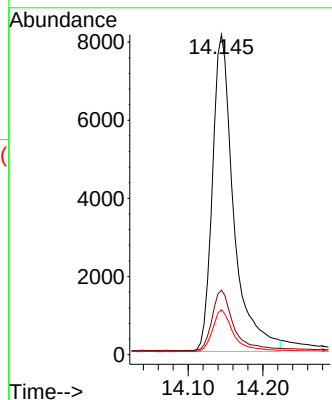
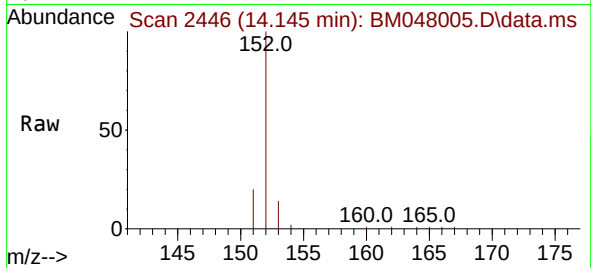




#10
Acenaphthylene
Concen: 0.251 ng/ul
RT: 14.145 min Scan# 2446
Delta R.T. 0.003 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

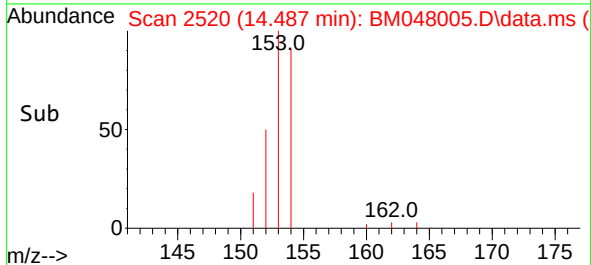
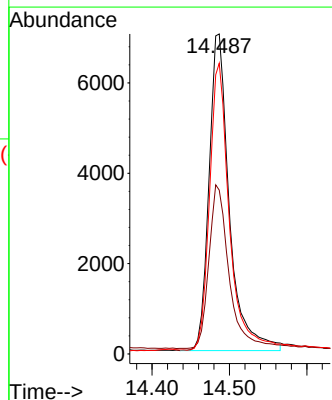
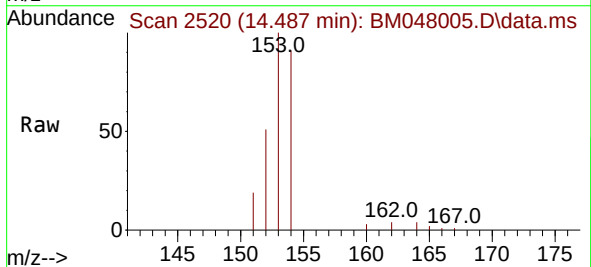
Instrument :
BNA_M
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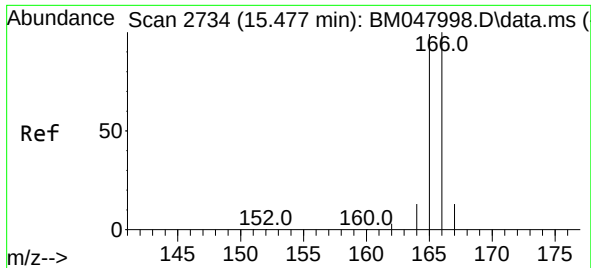
Tgt Ion:	152	Resp:	16081
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	14.0	10.7	16.1



#11
Acenaphthene
Concen: 0.292 ng/ul
RT: 14.487 min Scan# 2520
Delta R.T. 0.003 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

Tgt Ion:	153	Resp:	12832
Ion	Ratio	Lower	Upper
153	100		
152	51.2	41.7	62.5
154	90.9	71.2	106.8

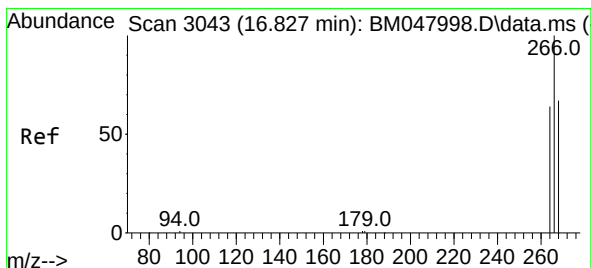
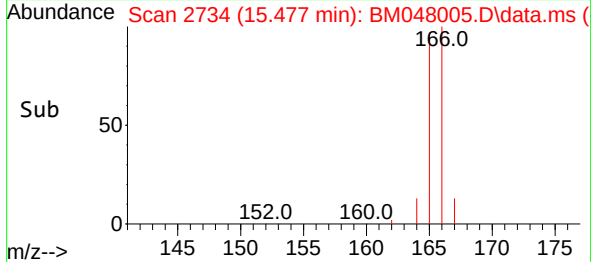
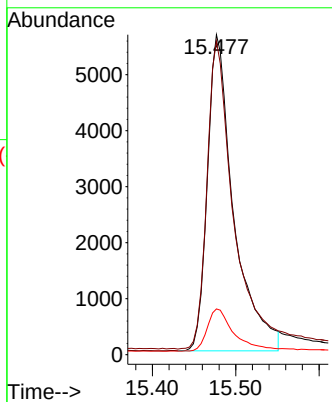
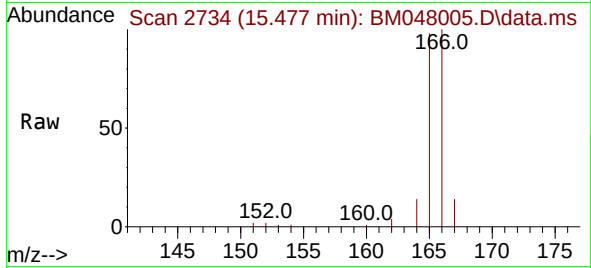




#12
Fluorene
Concen: 0.250 ng/ul
RT: 15.477 min Scan# 21
Delta R.T. 0.008 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

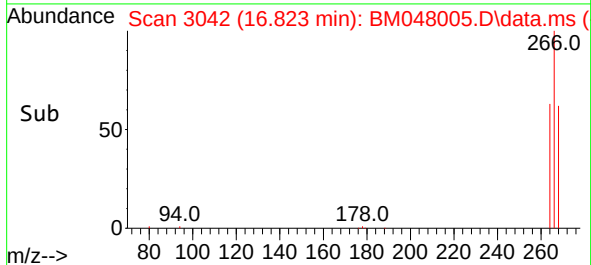
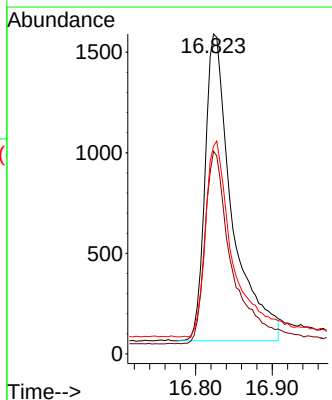
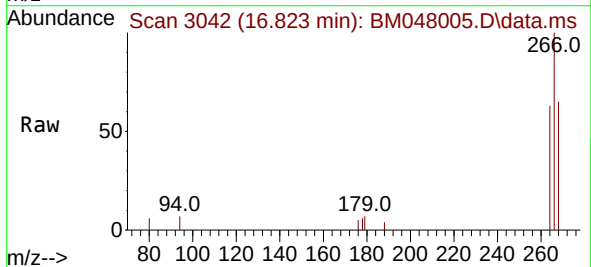
Instrument :
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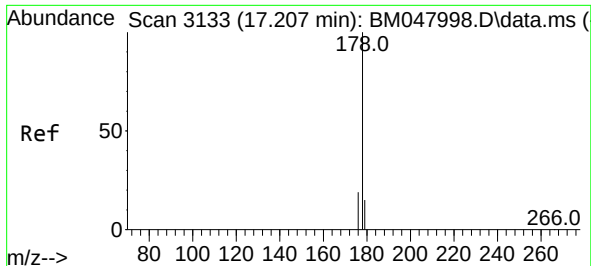
Tgt Ion:166 Resp: 12400
Ion Ratio Lower Upper
166 100
165 98.0 79.4 119.2
167 14.3 11.4 17.0



#14
Pentachlorophenol
Concen: 0.569 ng/ul
RT: 16.823 min Scan# 3042
Delta R.T. 0.003 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

Tgt Ion:266 Resp: 3747
Ion Ratio Lower Upper
266 100
264 61.7 49.8 74.8
268 63.8 51.2 76.8

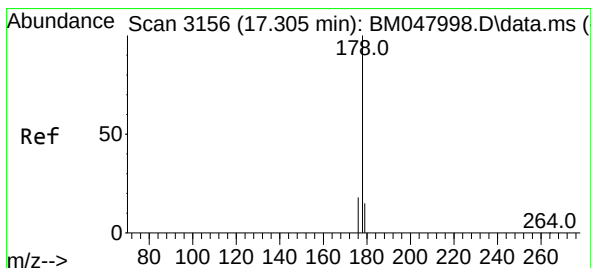
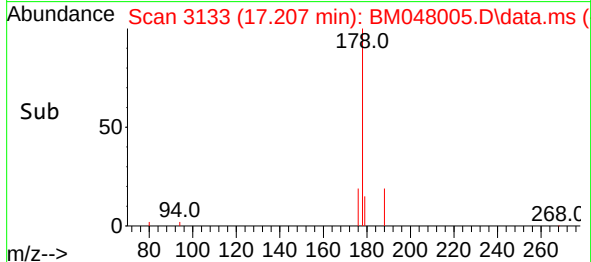
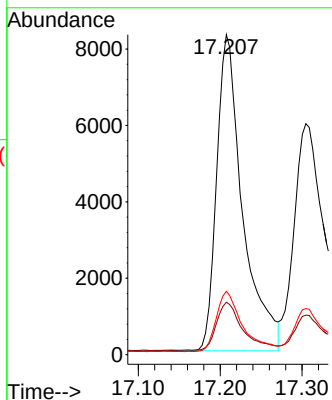
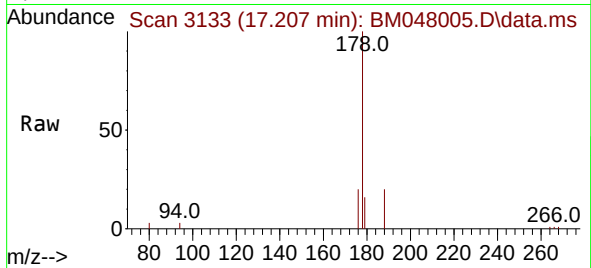




#15
Phenanthrene
Concen: 0.280 ng/ul
RT: 17.207 min Scan# 3133
Delta R.T. 0.007 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

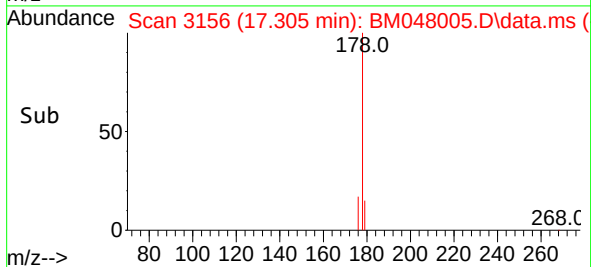
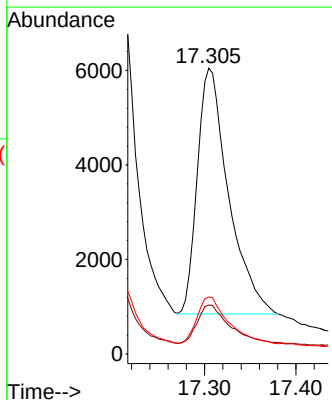
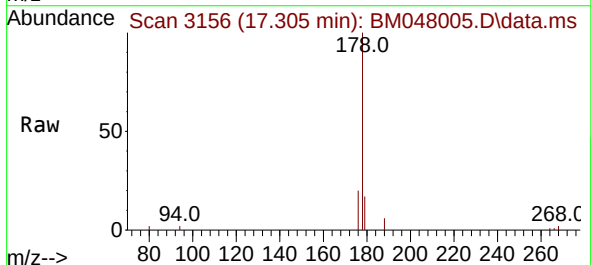
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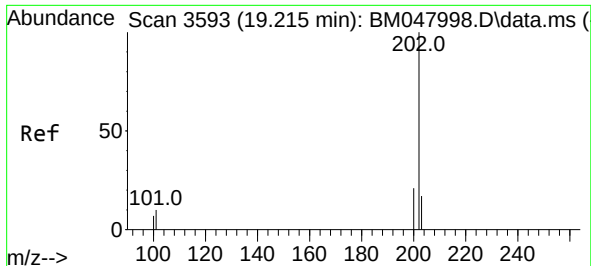
Tgt Ion:	178	Resp:	18233
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.0	19.6
176	19.8	15.9	23.9



#16
Anthracene
Concen: 0.214 ng/ul
RT: 17.305 min Scan# 3156
Delta R.T. 0.011 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

Tgt Ion:	178	Resp:	12376
Ion Ratio	Lower	Upper	
178	100		
179	17.1	13.0	19.4
176	19.9	15.4	23.2

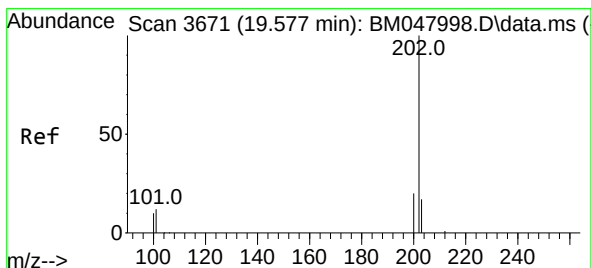
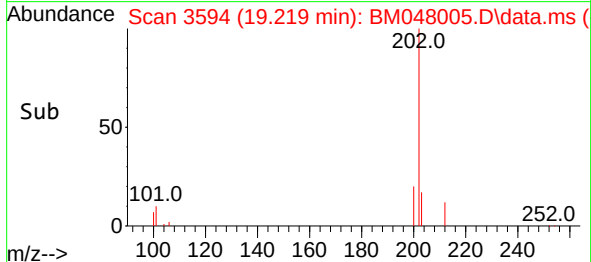
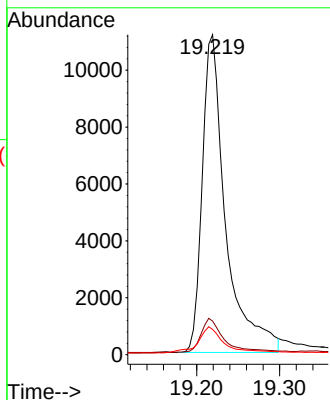
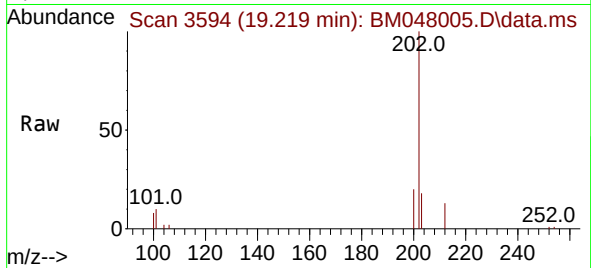




#19
Fluoranthene
Concen: 0.296 ng/ul
RT: 19.219 min Scan# 3594
Delta R.T. 0.003 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

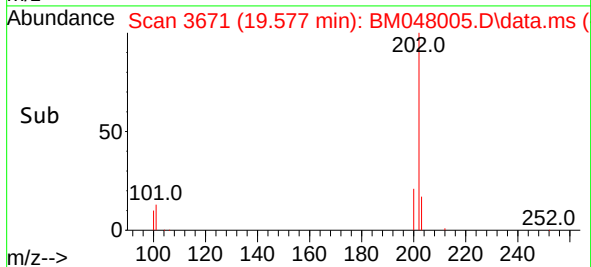
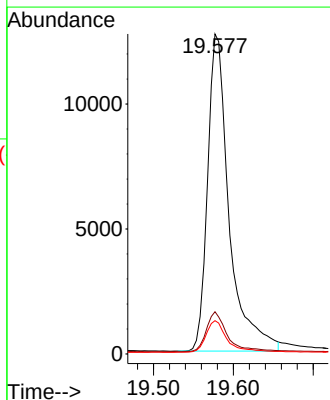
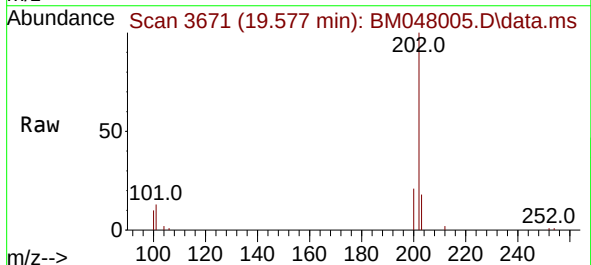
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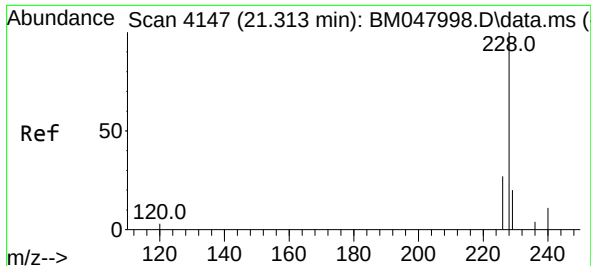
Tgt Ion:202 Resp: 21985
Ion Ratio Lower Upper
202 100
101 10.5 9.8 14.6
100 7.9 7.4 11.2



#20
Pyrene
Concen: 0.301 ng/ul
RT: 19.577 min Scan# 3671
Delta R.T. 0.003 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

Tgt Ion:202 Resp: 23792
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.4 8.2 12.2

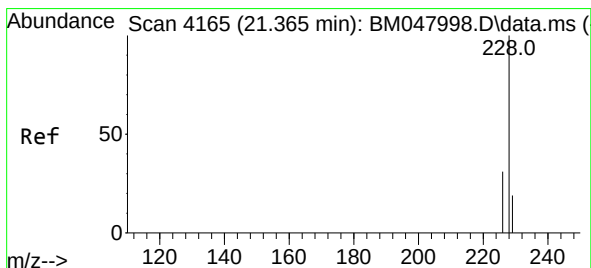
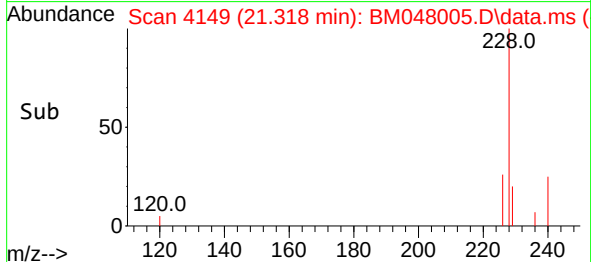
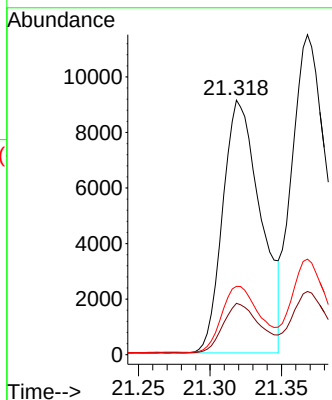
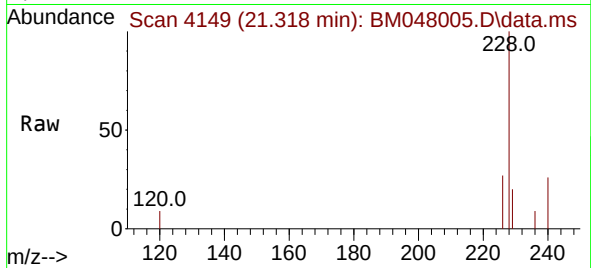




#21
Benzo(a)anthracene
Concen: 0.226 ng/ul
RT: 21.318 min Scan# 4147
Delta R.T. 0.003 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

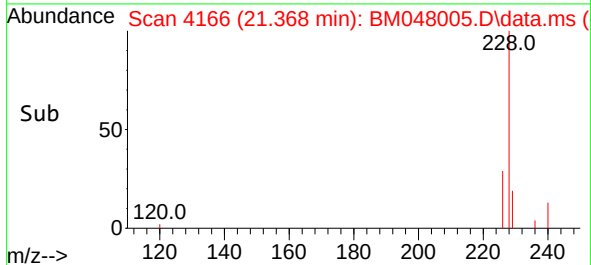
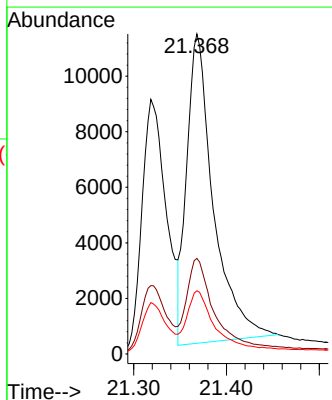
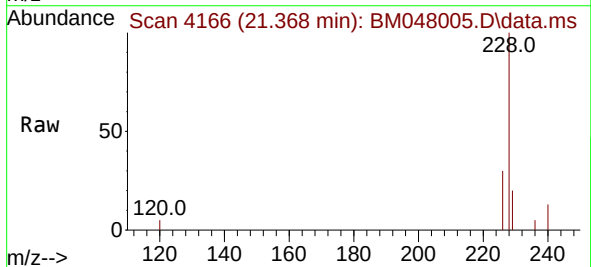
Instrument :
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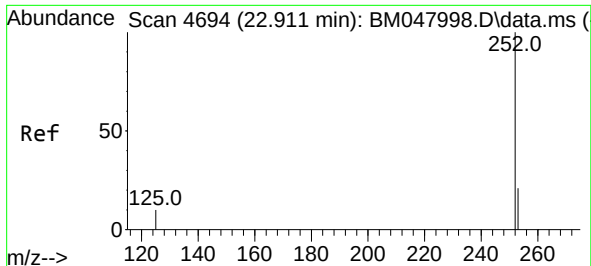
Tgt Ion:228 Resp: 16823
Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 26.8 22.1 33.1



#22
Chrysene
Concen: 0.286 ng/ul
RT: 21.368 min Scan# 4166
Delta R.T. 0.003 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

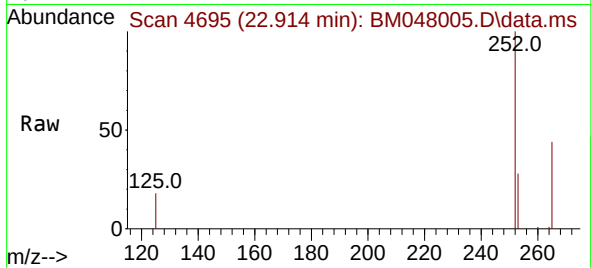
Tgt Ion:228 Resp: 22208
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 19.8 15.7 23.5



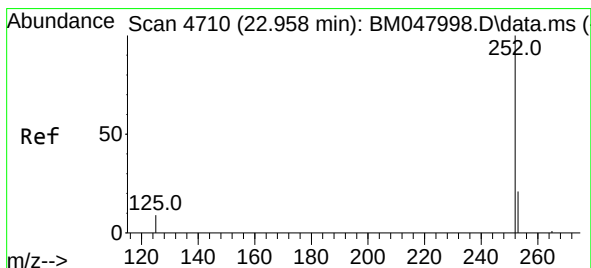
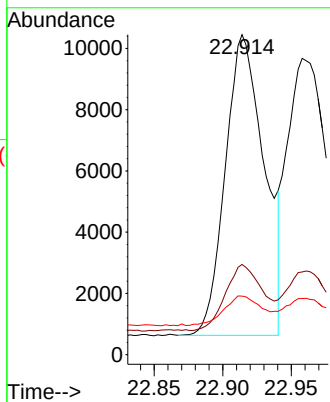
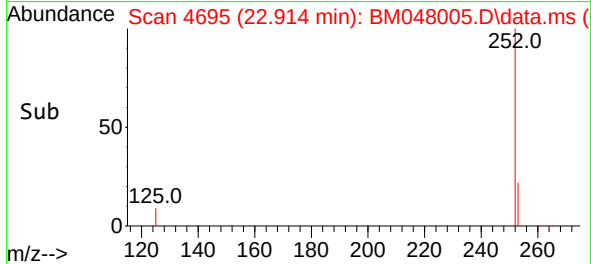


#24
Benzo(b)fluoranthene
Concen: 0.259 ng/ul
RT: 22.914 min Scan# 4695
Delta R.T. 0.003 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

Instrument :
BNA_M
ClientSampleId :
SLCS729

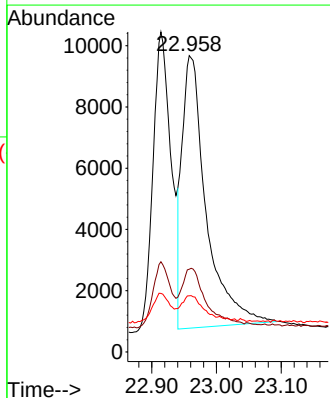
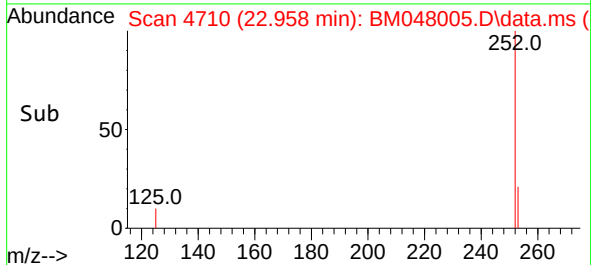
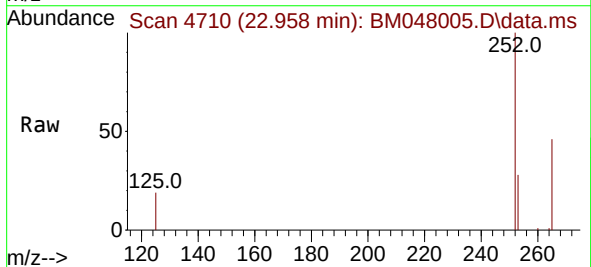


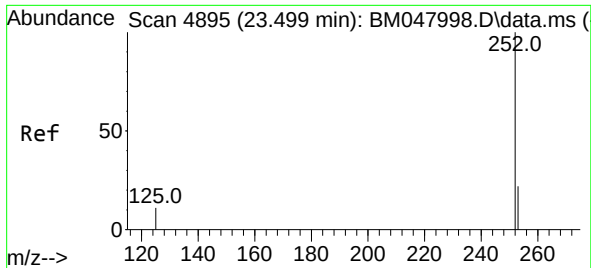
Tgt Ion:252 Resp: 19360
Ion Ratio Lower Upper
252 100
253 28.2 0.0 52.4
125 18.3 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.306 ng/ul
RT: 22.958 min Scan# 4710
Delta R.T. 0.000 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

Tgt Ion:252 Resp: 23013
Ion Ratio Lower Upper
252 100
253 27.9 21.0 31.6
125 18.9 14.6 21.8

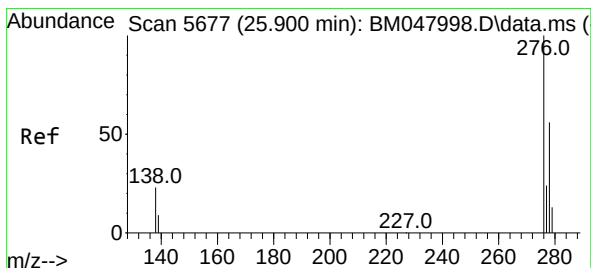
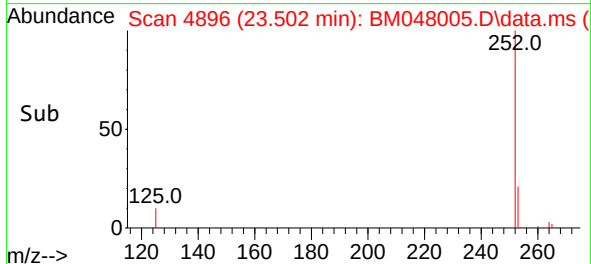
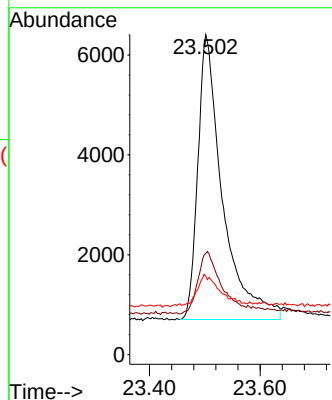
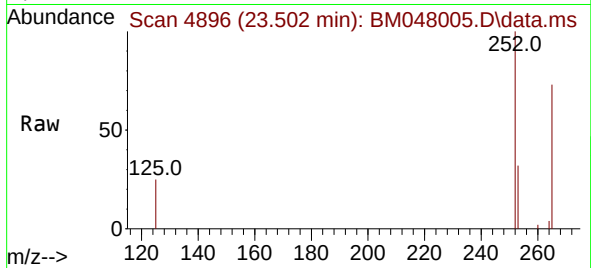




#26
Benzo(a)pyrene
Concen: 0.299 ng/ul
RT: 23.502 min Scan# 4896
Delta R.T. 0.006 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

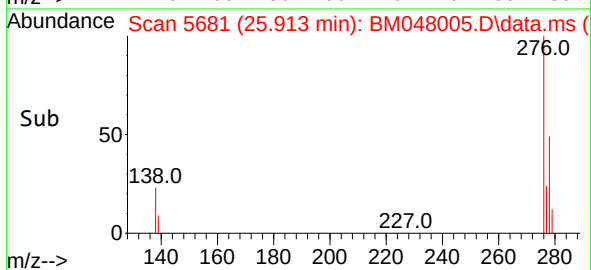
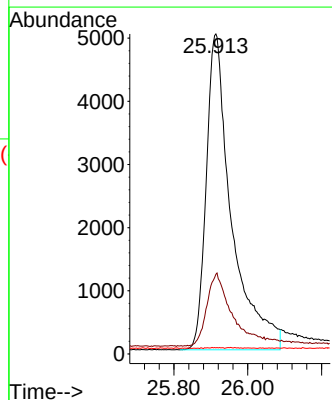
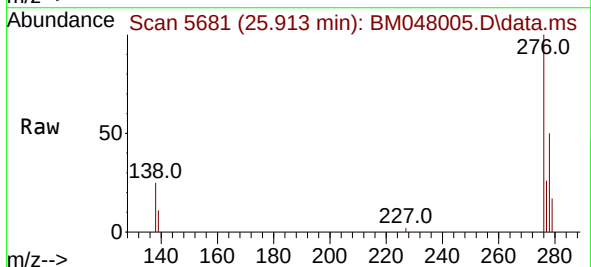
Instrument :
BNA_M
ClientSampleId :
SLCS729

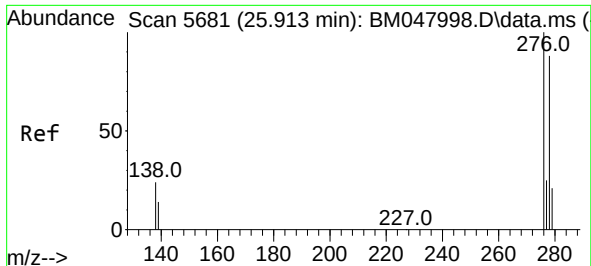
Tgt Ion:	252	Resp:	17632
Ion Ratio	Lower	Upper	
252	100		
253	31.7	23.0	34.4
125	24.5	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.254 ng/ul
RT: 25.913 min Scan# 5681
Delta R.T. 0.014 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

Tgt Ion:	276	Resp:	23826
Ion Ratio	Lower	Upper	
276	100		
138	23.6	22.0	33.0
227	0.1	0.2	0.4

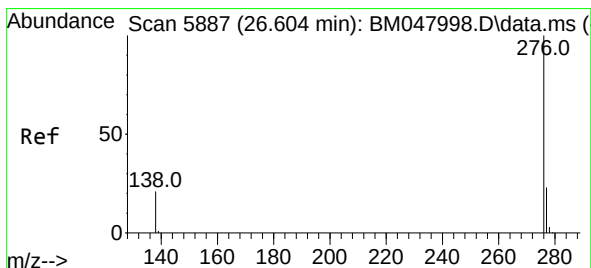
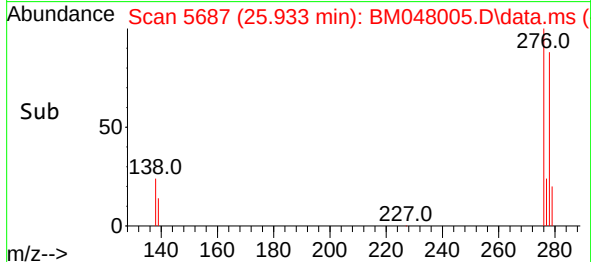
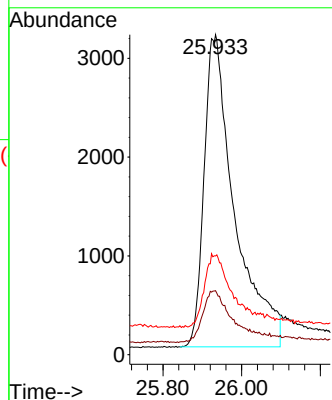
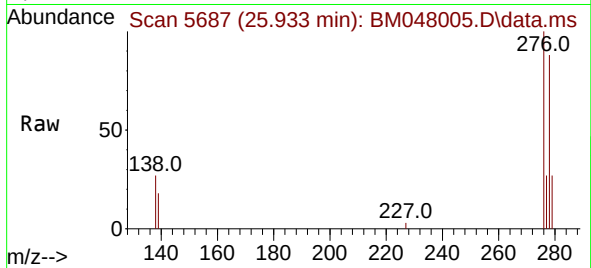




#28
Dibenzo(a,h)anthracene
Concen: 0.240 ng/ul
RT: 25.933 min Scan# 5687
Delta R.T. 0.024 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

Instrument :
BNA_M
ClientSampleId :
SLCS729

Tgt Ion:278 Resp: 17035
Ion Ratio Lower Upper
278 100
139 20.0 16.8 25.2
279 30.9 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.285 ng/ul
RT: 26.608 min Scan# 5888
Delta R.T. 0.007 min
Lab File: BM048005.D
Acq: 11 Oct 2024 09:18

Tgt Ion:276 Resp: 21510
Ion Ratio Lower Upper
276 100
138 23.4 20.2 30.2
277 25.2 19.8 29.6

