

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
 Data File : BM044188.D
 Acq On : 19 Feb 2024 21:21
 Operator : MA/JU
 Sample : PB159014BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS014

Quant Time: Feb 19 22:08:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

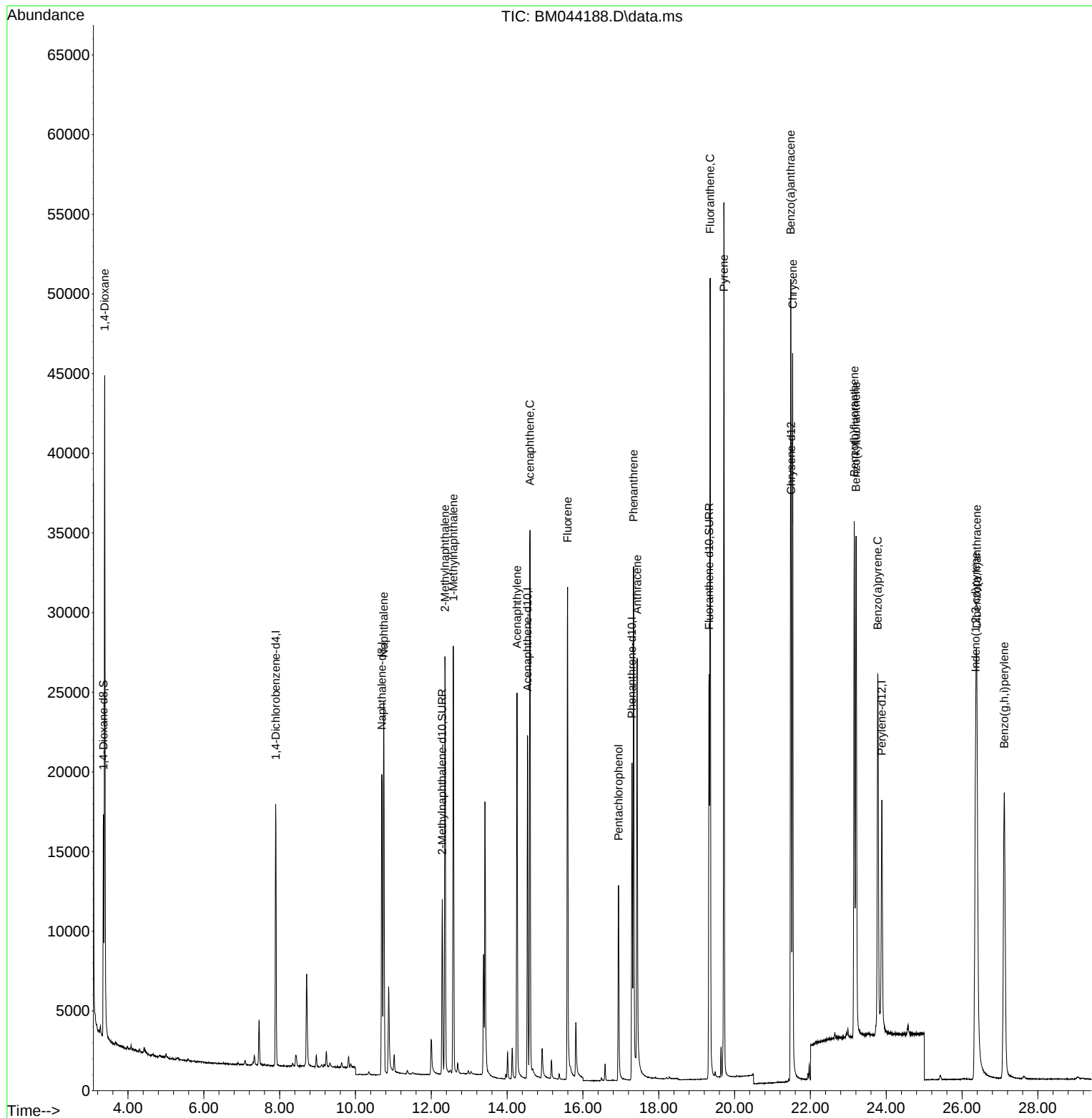
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	8274	0.400	ng/ul	0.00
4) Naphthalene-d8	10.693	136	25778	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.539	164	12063	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	25167	0.400	ng/ul	0.00
17) Chrysene-d12	21.493	240	19498	0.400	ng/ul	0.00
23) Perylene-d12	23.884	264	21688	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	8564	0.731	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	14671	0.406	ng/ul	-0.01
18) Fluoranthene-d10	19.327	212	27588	0.474	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.386	88	26686	2.279	ng/ul#	75
5) Naphthalene	10.743	128	32788	0.428	ng/ul	99
7) 2-Methylnaphthalene	12.360	142	19775	0.418	ng/ul	100
8) 1-Methylnaphthalene	12.580	142	19160	0.401	ng/ul	100
10) Acenaphthylene	14.261	152	29624	0.447	ng/ul	100
11) Acenaphthene	14.604	153	20835	0.434	ng/ul	98
12) Fluorene	15.594	166	22395	0.413	ng/ul	98
14) Pentachlorophenol	16.938	266	8955	0.994	ng/ul	99
15) Phenanthrene	17.335	178	35872	0.450	ng/ul	100
16) Anthracene	17.428	178	35119	0.445	ng/ul	100
19) Fluoranthene	19.355	202	43408	0.488	ng/ul	98
20) Pyrene	19.718	202	46315	0.495	ng/ul	97
21) Benzo(a)anthracene	21.479	228	41224	0.462	ng/ul	100
22) Chrysene	21.531	228	43462	0.451	ng/ul	99
24) Benzo(b)fluoranthene	23.156	252	42240	0.472	ng/ul	98
25) Benzo(k)fluoranthene	23.203	252	45975	0.473	ng/ul	97
26) Benzo(a)pyrene	23.776	252	38921	0.468	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.359	276	48415	0.457	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.389	278	38580	0.463	ng/ul	98
29) Benzo(g,h,i)perylene	27.110	276	41461	0.443	ng/ul	100

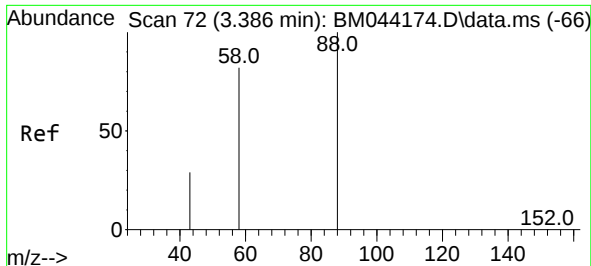
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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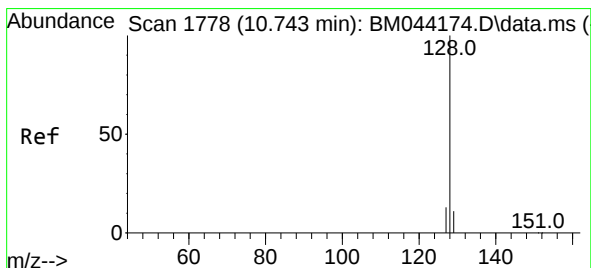
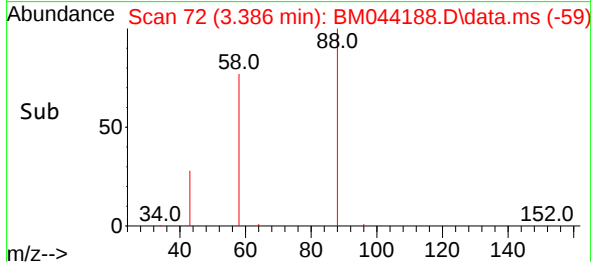
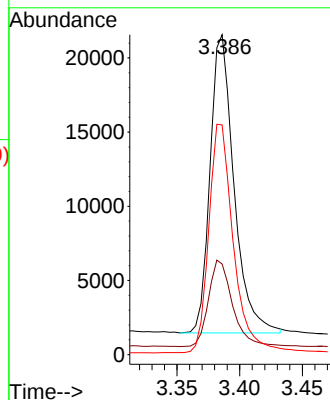
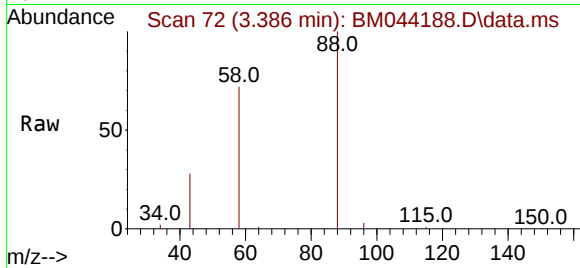




#2
1,4-Dioxane
Concen: 2.279 ng/ul
RT: 3.386 min Scan# 72
Delta R.T. -0.004 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

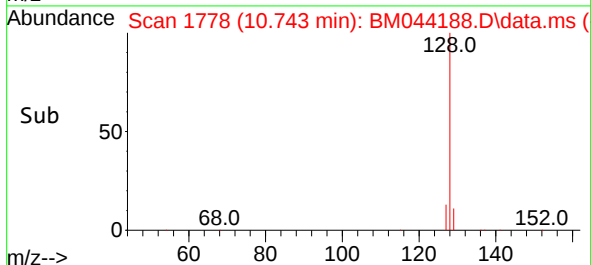
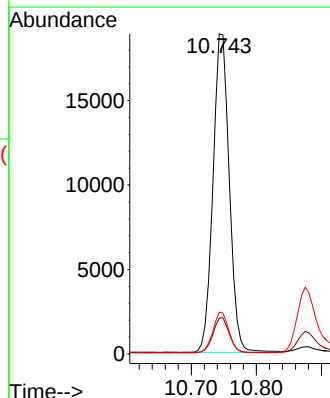
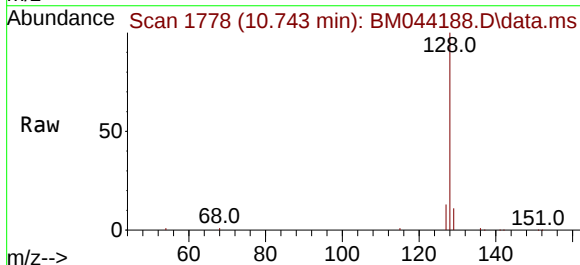
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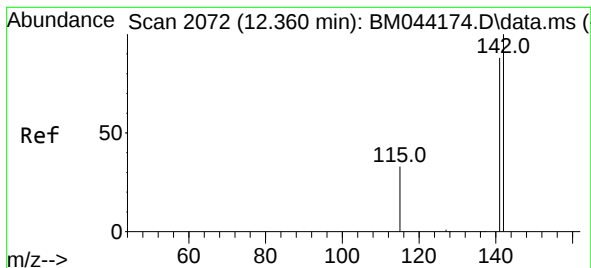
Tgt Ion: 88 Resp: 26686
Ion Ratio Lower Upper
88 100
43 28.4 32.2 48.2#
58 71.8 40.6 60.8#



#5
Naphthalene
Concen: 0.428 ng/ul
RT: 10.743 min Scan# 1778
Delta R.T. -0.011 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

Tgt Ion: 128 Resp: 32788
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.0 10.7 16.1

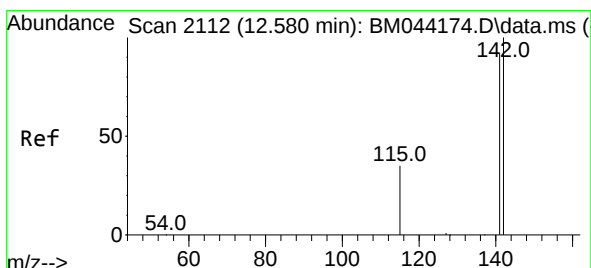
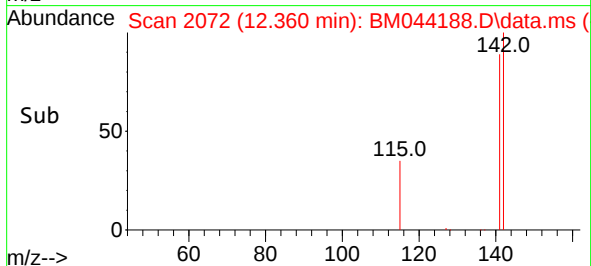
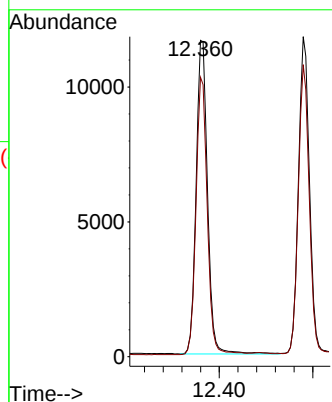
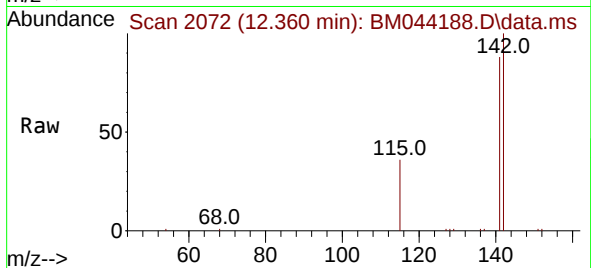




#7
2-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. -0.011 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

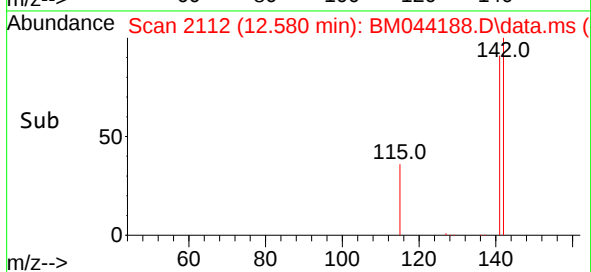
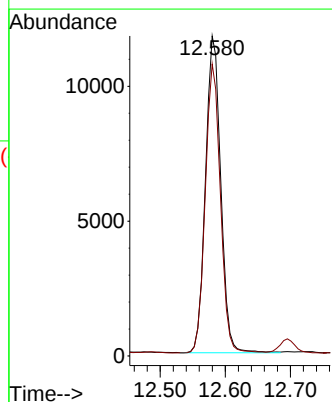
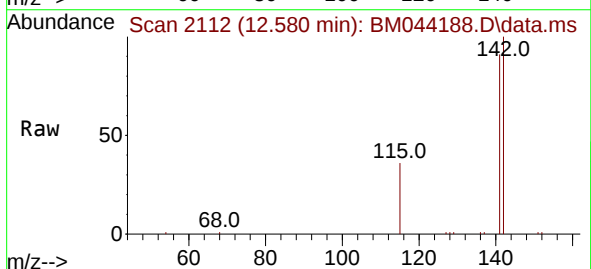
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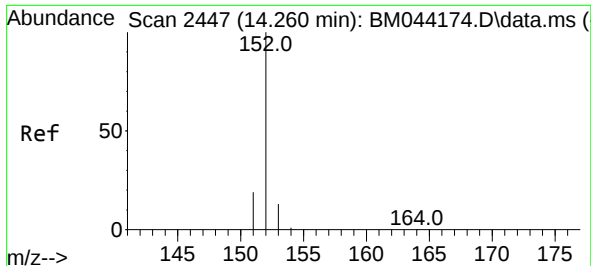
Tgt Ion:142 Resp: 19775
Ion Ratio Lower Upper
142 100
141 87.3 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.011 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

Tgt Ion:142 Resp: 19160
Ion Ratio Lower Upper
142 100
141 90.6 72.5 108.7

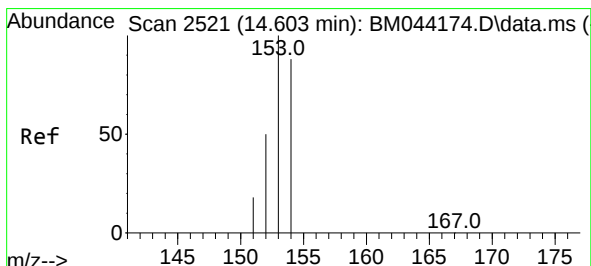
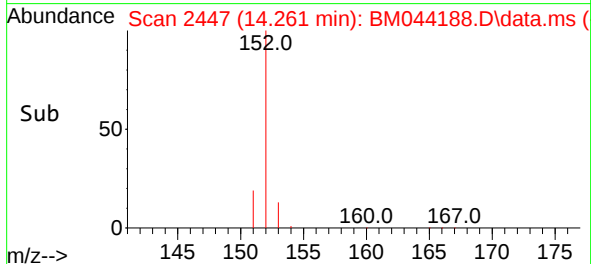
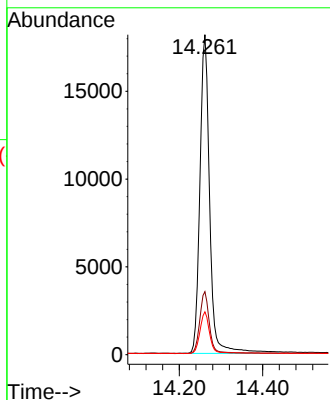
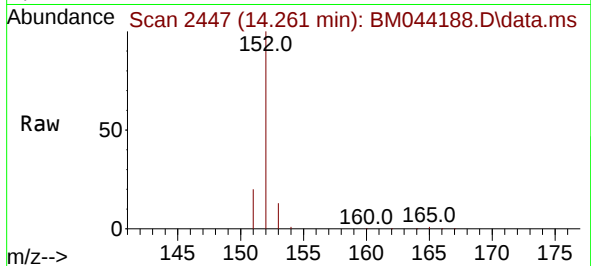




#10
Acenaphthylene
Concen: 0.447 ng/ul
RT: 14.261 min Scan# 2447
Delta R.T. -0.008 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

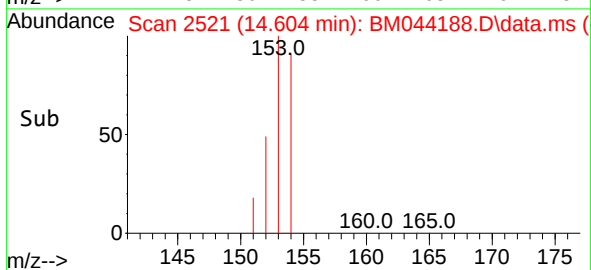
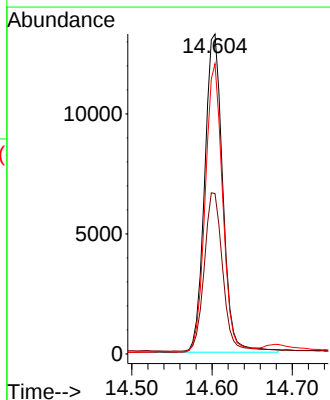
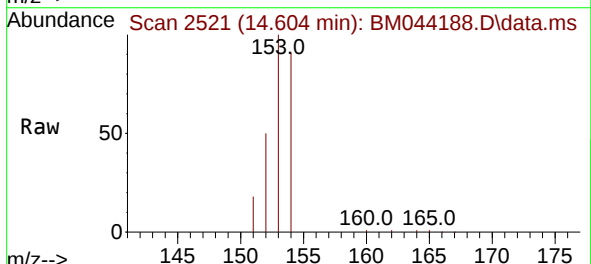
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ClientSampleId :
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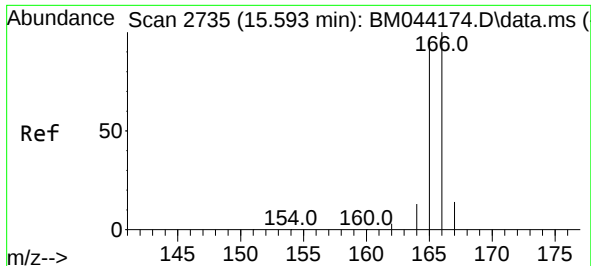
Tgt Ion:152 Resp: 29624
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.4 10.8 16.2



#11
Acenaphthene
Concen: 0.434 ng/ul
RT: 14.604 min Scan# 2521
Delta R.T. -0.004 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

Tgt Ion:153 Resp: 20835
Ion Ratio Lower Upper
153 100
152 50.2 40.6 61.0
154 90.7 70.1 105.1

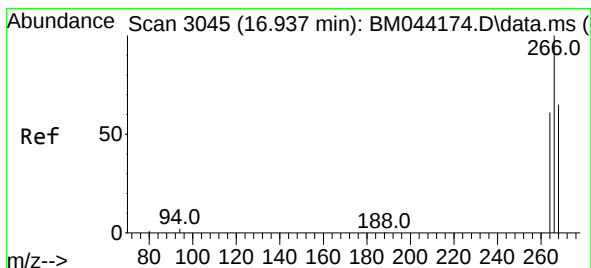
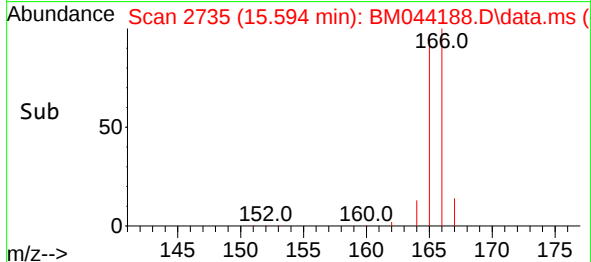
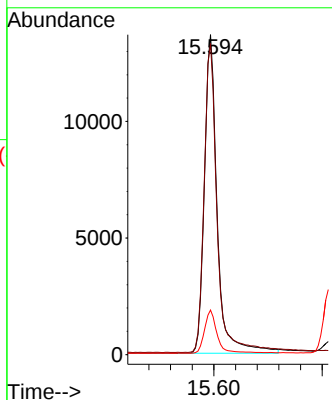
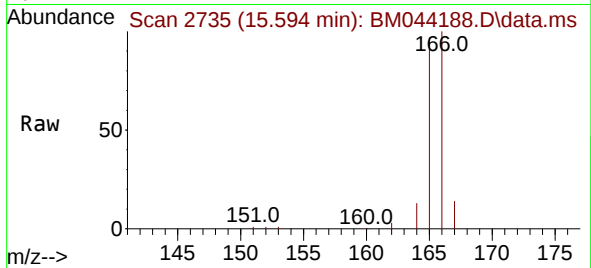




#12
Fluorene
Concen: 0.413 ng/ul
RT: 15.594 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

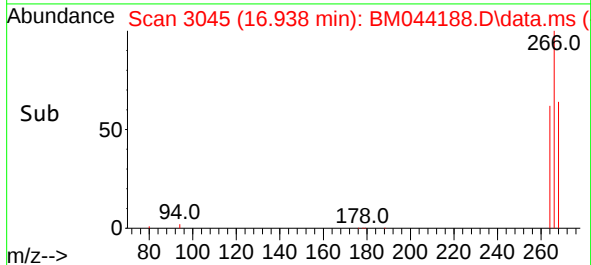
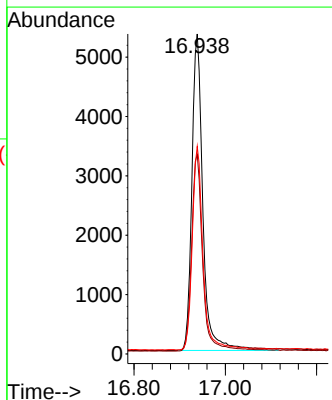
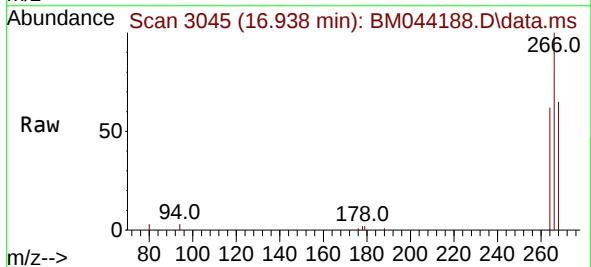
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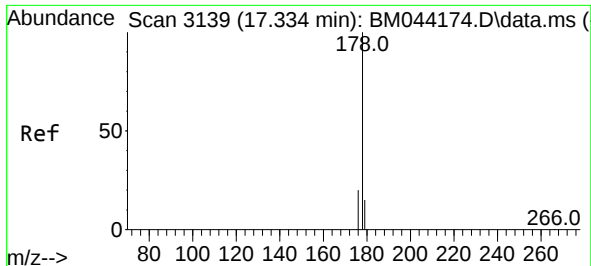
Tgt Ion:166 Resp: 22395
Ion Ratio Lower Upper
166 100
165 97.2 79.8 119.6
167 13.9 11.1 16.7



#14
Pentachlorophenol
Concen: 0.994 ng/ul
RT: 16.938 min Scan# 3045
Delta R.T. -0.007 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

Tgt Ion:266 Resp: 8955
Ion Ratio Lower Upper
266 100
264 62.9 49.4 74.0
268 64.1 52.1 78.1

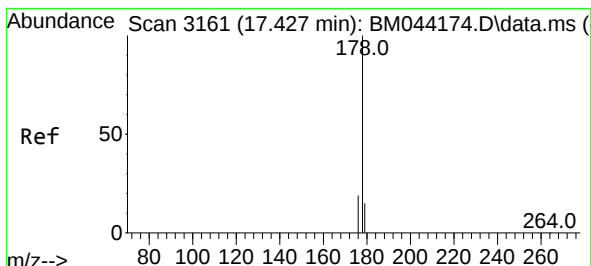
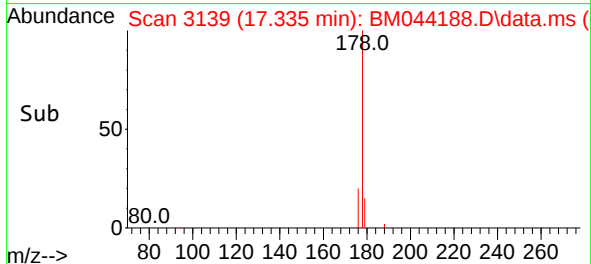
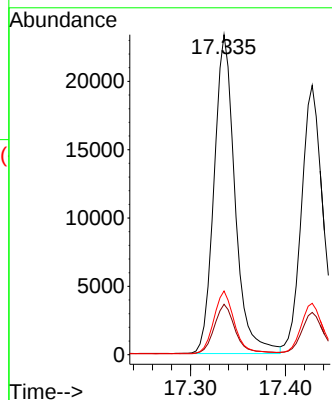
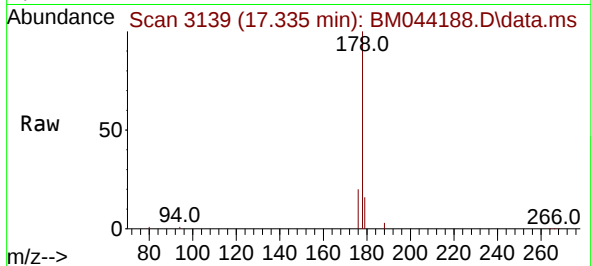




#15
Phenanthrene
Concen: 0.450 ng/ul
RT: 17.335 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

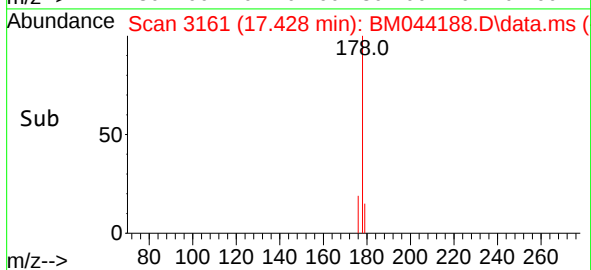
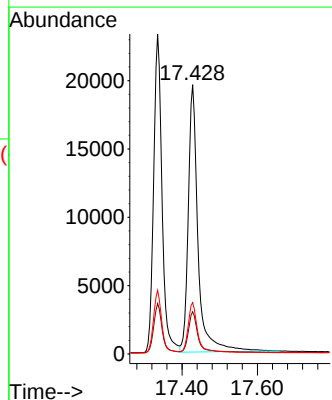
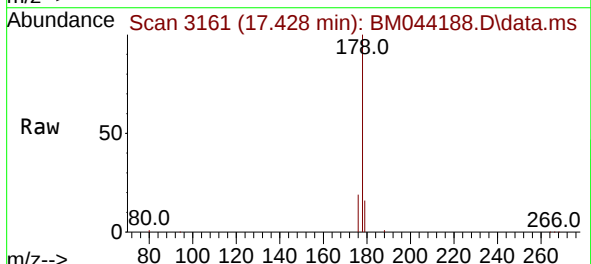
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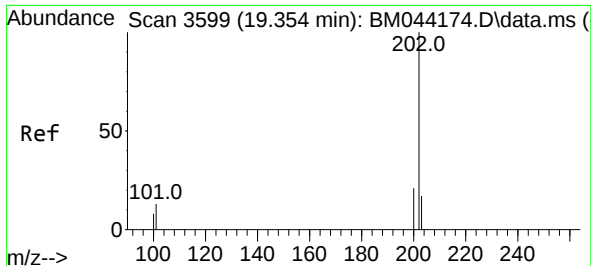
Tgt Ion:178 Resp: 35872
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.9 16.0 24.0



#16
Anthracene
Concen: 0.445 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.007 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

Tgt Ion:178 Resp: 35119
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 19.1 15.3 22.9

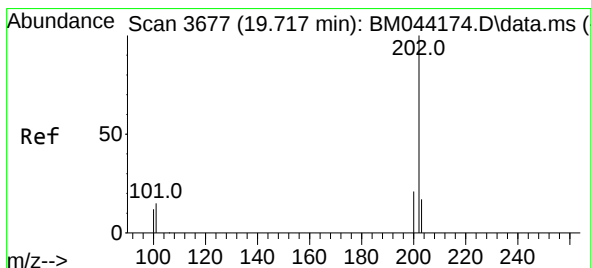
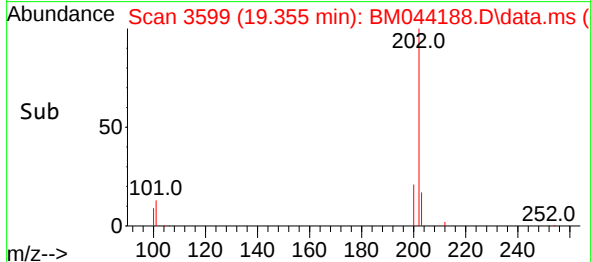
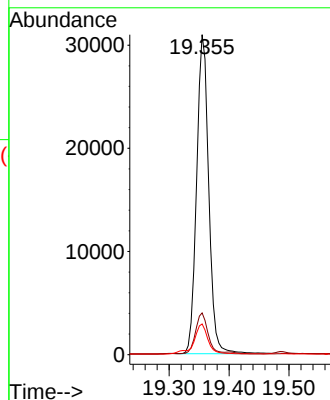
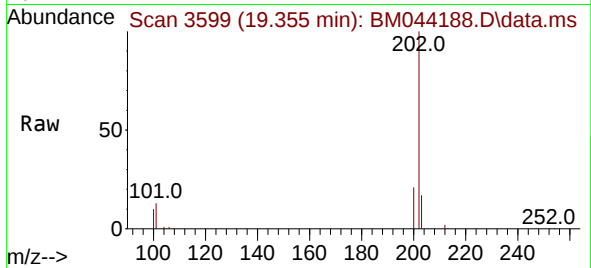




#19
Fluoranthene
Concen: 0.488 ng/ul
RT: 19.355 min Scan# 3599
Delta R.T. -0.008 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

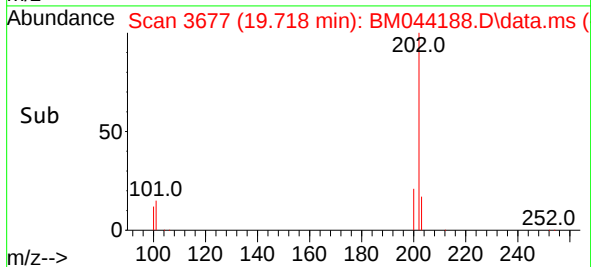
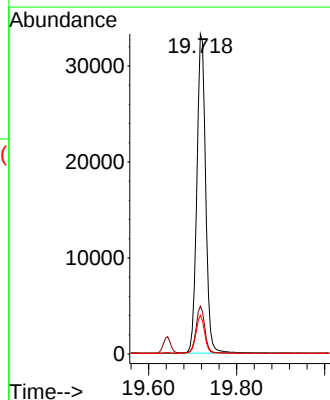
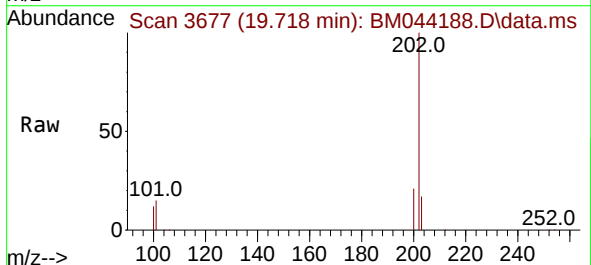
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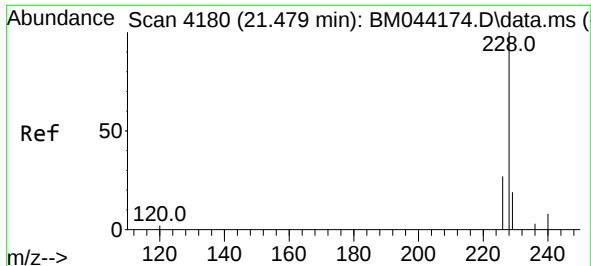
Tgt Ion:202 Resp: 43408
Ion Ratio Lower Upper
202 100
101 13.1 9.8 14.6
100 9.6 7.0 10.4



#20
Pyrene
Concen: 0.495 ng/ul
RT: 19.718 min Scan# 3677
Delta R.T. -0.008 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

Tgt Ion:202 Resp: 46315
Ion Ratio Lower Upper
202 100
101 15.0 11.2 16.8
100 12.1 8.6 13.0

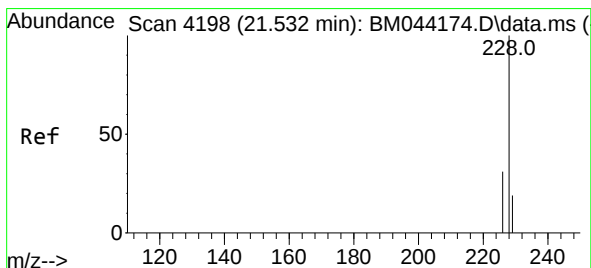
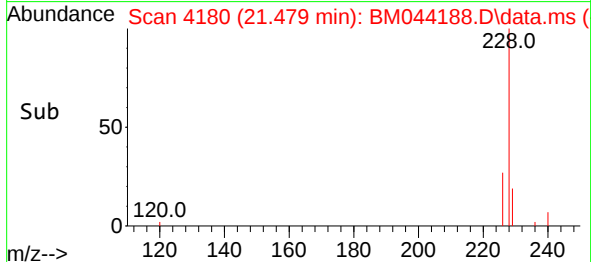
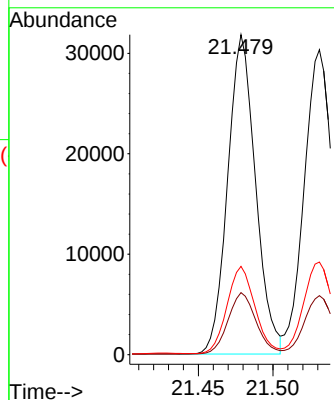
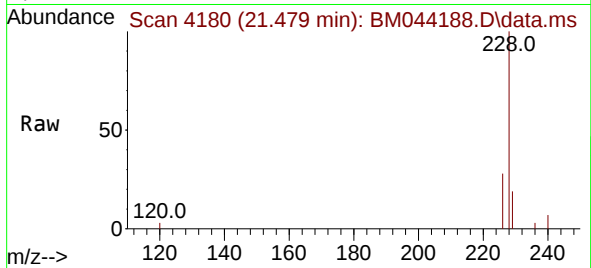




#21
Benzo(a)anthracene
Concen: 0.462 ng/ul
RT: 21.479 min Scan# 4180
Delta R.T. -0.007 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

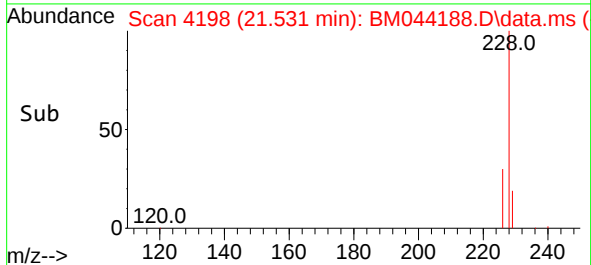
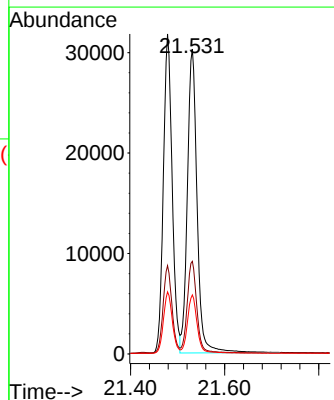
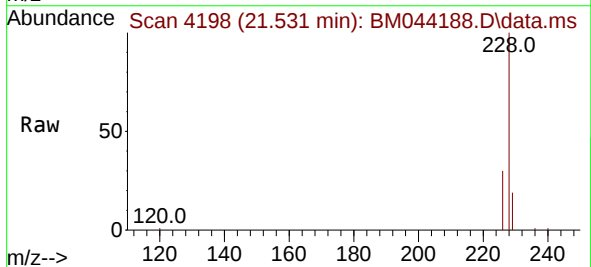
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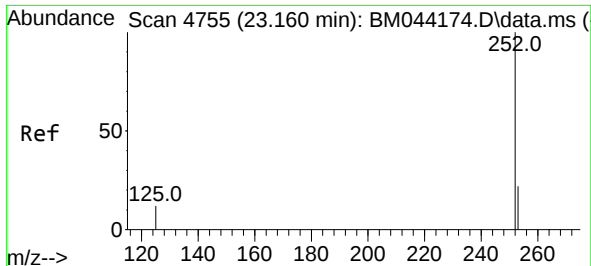
Tgt Ion:228 Resp: 41224
Ion Ratio Lower Upper
228 100
229 19.4 15.4 23.2
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.451 ng/ul
RT: 21.531 min Scan# 4198
Delta R.T. -0.007 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

Tgt Ion:228 Resp: 43462
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.3 15.8 23.6

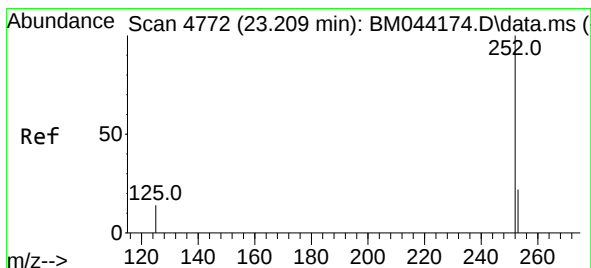
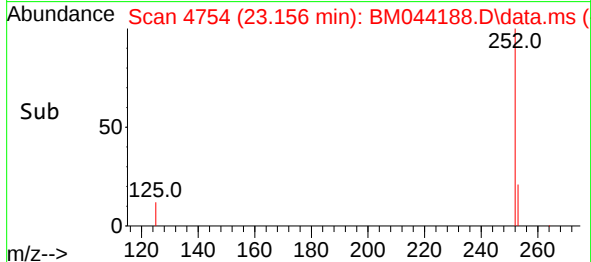
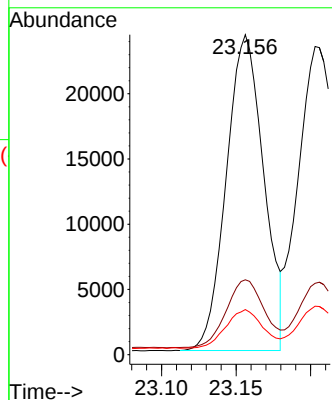
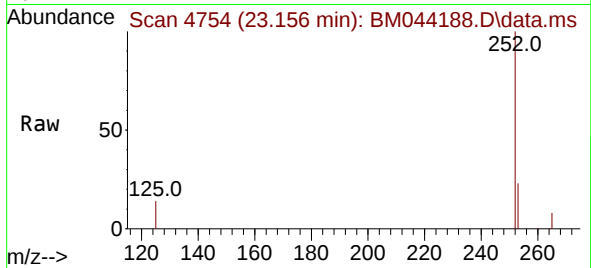




#24
Benzo(b)fluoranthene
Concen: 0.472 ng/ul
RT: 23.156 min Scan# 4754
Delta R.T. -0.007 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

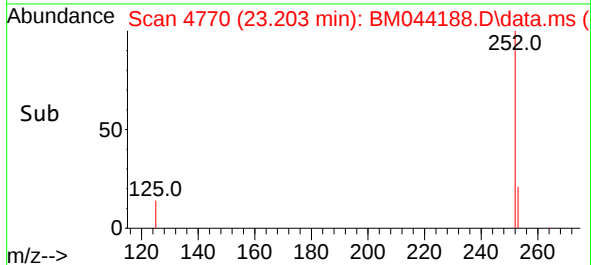
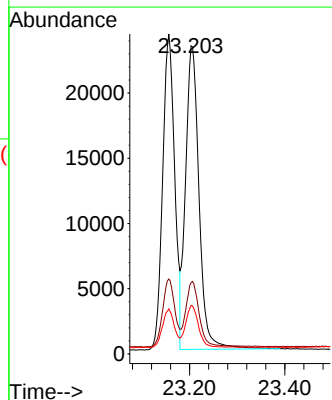
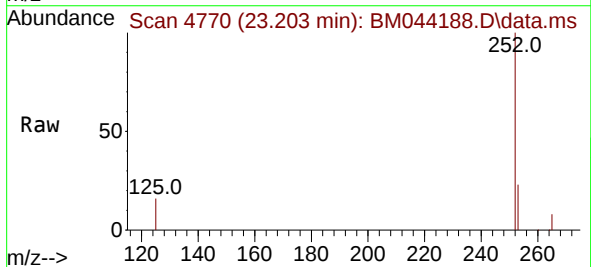
Instrument :
BNA_M
ClientSampleId :
SLCS014

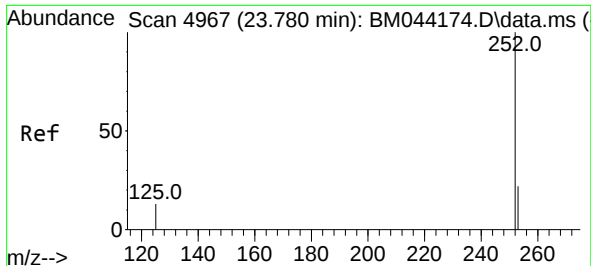
Tgt Ion:252 Resp: 42240
Ion Ratio Lower Upper
252 100
253 23.4 0.0 50.0
125 14.1 0.0 28.2



#25
Benzo(k)fluoranthene
Concen: 0.473 ng/ul
RT: 23.203 min Scan# 4770
Delta R.T. -0.009 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

Tgt Ion:252 Resp: 45975
Ion Ratio Lower Upper
252 100
253 23.1 20.1 30.1
125 15.7 12.3 18.5

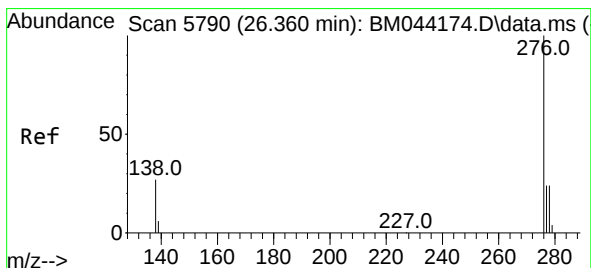
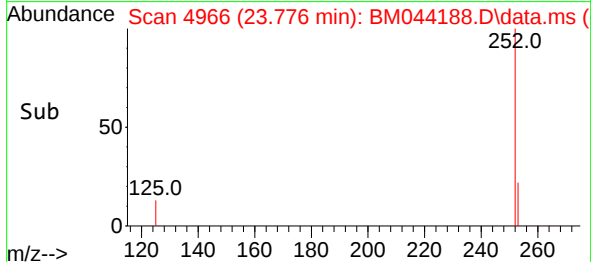
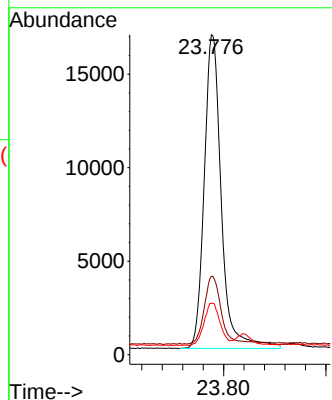
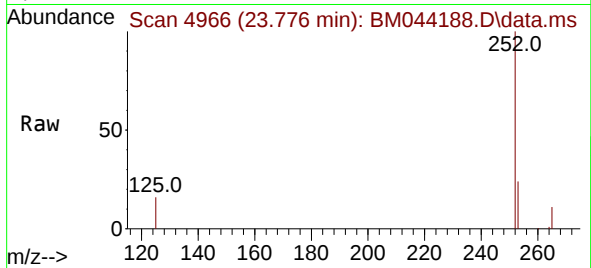




#26
Benzo(a)pyrene
Concen: 0.468 ng/ul
RT: 23.776 min Scan# 4966
Delta R.T. -0.009 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

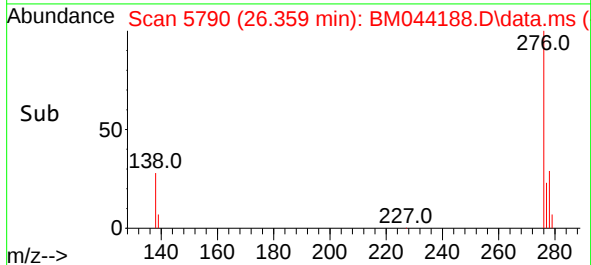
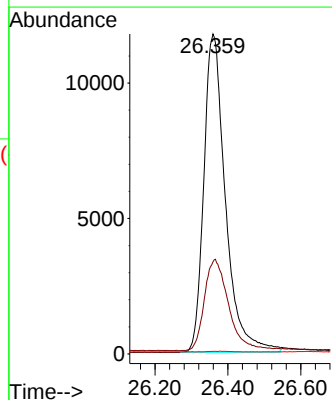
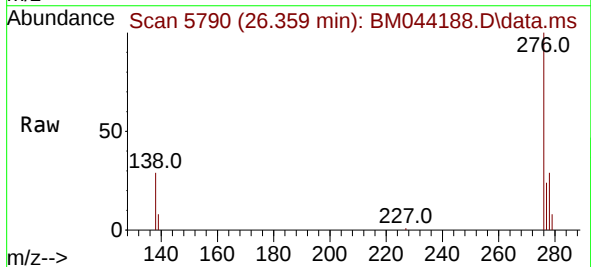
Instrument :
BNA_M
ClientSampleId :
SLCS014

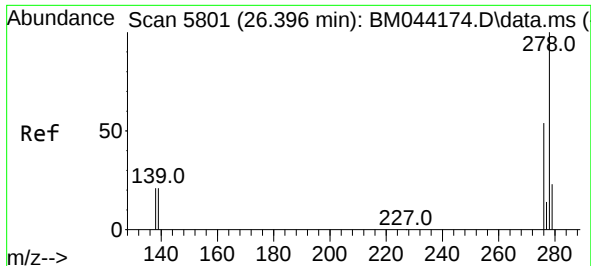
Tgt Ion:252 Resp: 38921
Ion Ratio Lower Upper
252 100
253 24.4 21.4 32.2
125 16.0 13.3 19.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.457 ng/ul
RT: 26.359 min Scan# 5790
Delta R.T. -0.011 min
Lab File: BM044188.D
Acq: 19 Feb 2024 21:21

Tgt Ion:276 Resp: 48415
Ion Ratio Lower Upper
276 100
138 32.3 25.2 37.8
227 0.1 0.1 0.1#

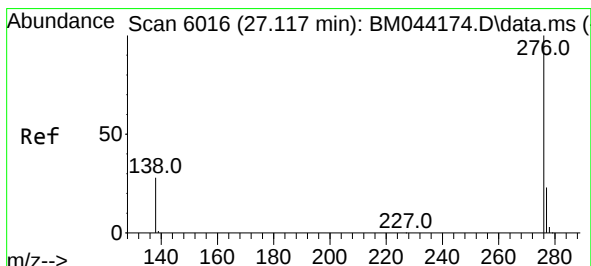
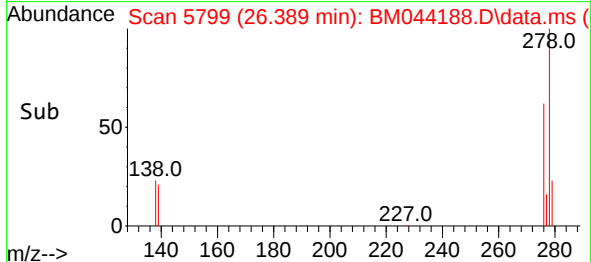
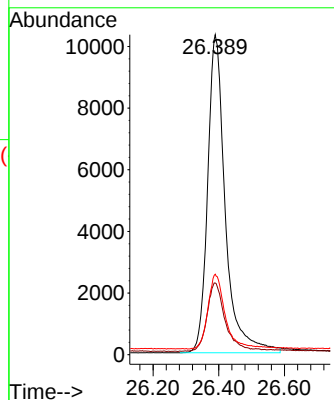
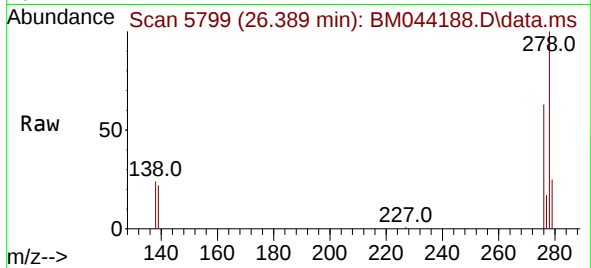




#28
 Dibenzo(a,h)anthracene
 Concen: 0.463 ng/ul
 RT: 26.389 min Scan# 51
 Delta R.T. -0.021 min
 Lab File: BM044188.D
 Acq: 19 Feb 2024 21:21

Instrument :
 BNA_M
 ClientSampleId :
 SLCS014

Tgt Ion:278 Resp: 38580
 Ion Ratio Lower Upper
 278 100
 139 22.4 17.8 26.8
 279 25.2 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.443 ng/ul
 RT: 27.110 min Scan# 6014
 Delta R.T. -0.017 min
 Lab File: BM044188.D
 Acq: 19 Feb 2024 21:21

Tgt Ion:276 Resp: 41461
 Ion Ratio Lower Upper
 276 100
 138 28.3 22.7 34.1
 277 23.4 19.0 28.6

