

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
 Data File : BM045418.D
 Acq On : 20 Apr 2024 07:39
 Operator : MA/JU
 Sample : PB160237BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS237

Quant Time: Apr 20 17:51:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 22:19:59 2024
 Response via : Initial Calibration

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

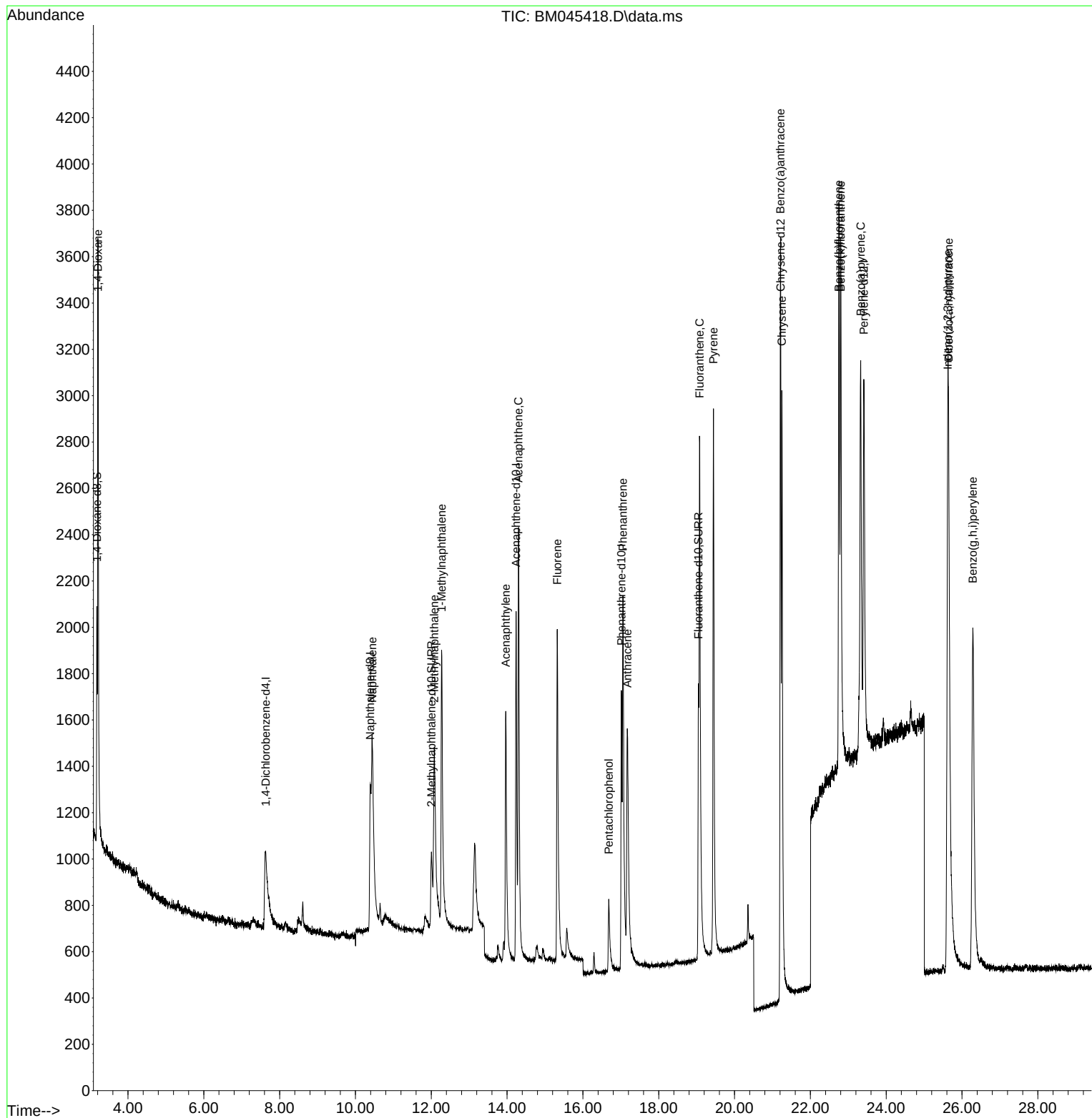
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.631	152	710	0.400	ng/ul	# 0.02
4) Naphthalene-d8	10.391	136	2276	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.237	164	1211	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.014	188	2584	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.214	240	1948	0.400	ng/ul	# 0.00
23) Perylene-d12	23.408	264	2701	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	780	0.836	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.002	152	1053	0.341	ng/ul	0.00
18) Fluoranthene-d10	19.048	212	2041	0.415	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.209	88	1905	2.131	ng/ul#	84
5) Naphthalene	10.446	128	2148	0.356	ng/ul#	85
7) 2-Methylnaphthalene	12.079	142	1226	0.340	ng/ul	95
8) 1-Methylnaphthalene	12.277	142	1362	0.346	ng/ul	98
10) Acenaphthylene	13.964	152	2177	0.360	ng/ul#	90
11) Acenaphthene	14.302	153	1590	0.368	ng/ul	99
12) Fluorene	15.325	166	1687	0.348	ng/ul#	98
14) Pentachlorophenol	16.680	266	449	0.741	ng/ul	96
15) Phenanthrene	17.056	178	2535	0.348	ng/ul	93
16) Anthracene	17.174	178	2693	0.376	ng/ul#	91
19) Fluoranthene	19.080	202	3015	0.433	ng/ul#	94
20) Pyrene	19.443	202	3154	0.429	ng/ul#	93
21) Benzo(a)anthracene	21.208	228	2516	0.371	ng/ul	96
22) Chrysene	21.249	228	3303	0.390	ng/ul	95
24) Benzo(b)fluoranthene	22.754	252	3380	0.346	ng/ul	92
25) Benzo(k)fluoranthene	22.797	252	4129	0.378	ng/ul#	90
26) Benzo(a)pyrene	23.327	252	3510	0.377	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.622	276	5020	0.393	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.645	278	3933	0.389	ng/ul#	87
29) Benzo(g,h,i)perylene	26.286	276	4380	0.398	ng/ul	93

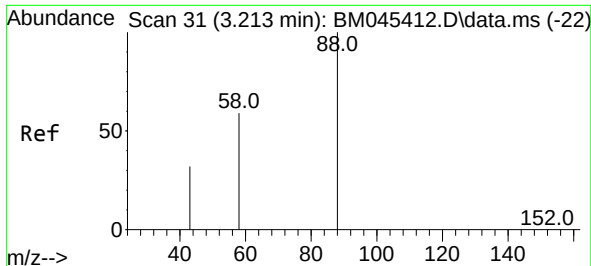
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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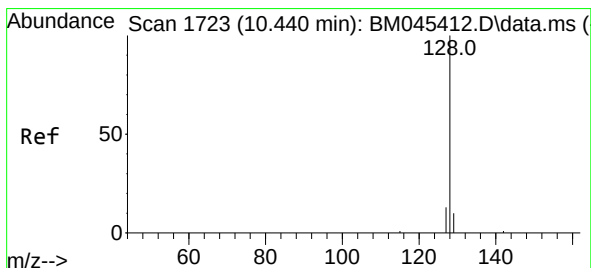
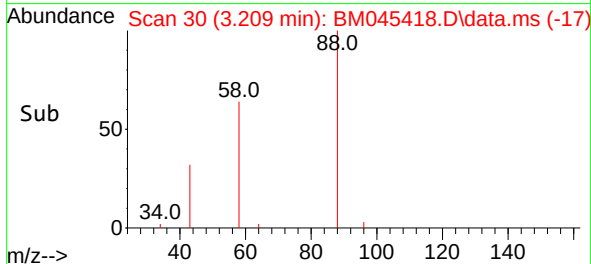
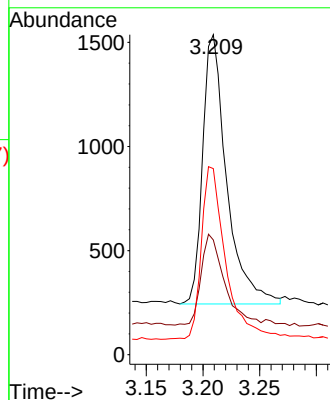
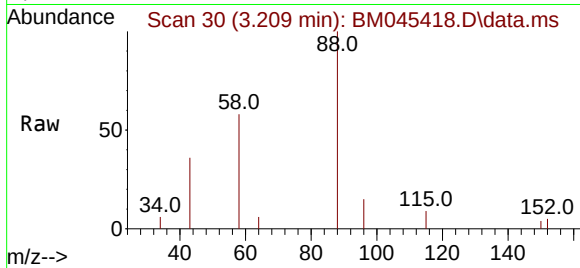




#2
 1,4-Dioxane
 Concen: 2.131 ng/ul
 RT: 3.209 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BM045418.D
 Acq: 20 Apr 2024 07:39

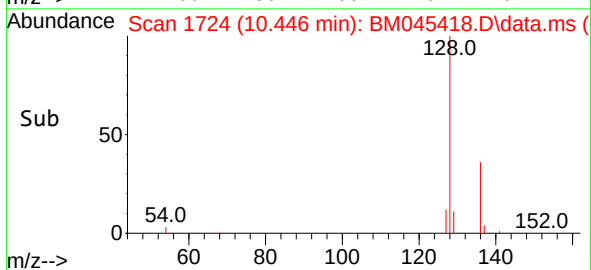
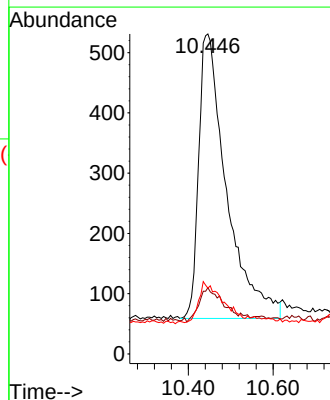
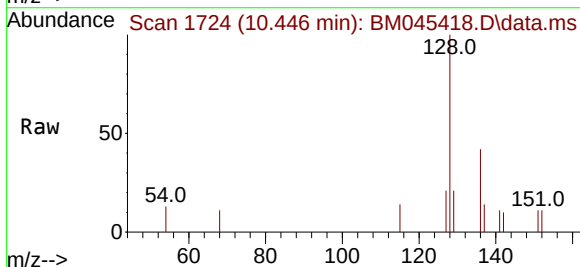
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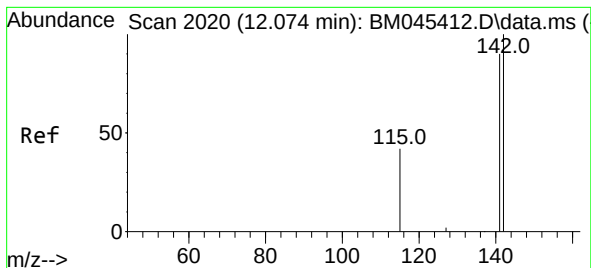
Tgt Ion: 88 Resp: 1905
 Ion Ratio Lower Upper
 88 100
 43 35.8 30.6 46.0
 58 58.2 32.6 48.8#



#5
 Naphthalene
 Concen: 0.356 ng/ul
 RT: 10.446 min Scan# 1724
 Delta R.T. 0.005 min
 Lab File: BM045418.D
 Acq: 20 Apr 2024 07:39

Tgt Ion: 128 Resp: 2148
 Ion Ratio Lower Upper
 128 100
 129 20.7 11.3 16.9#
 127 20.5 11.9 17.9#

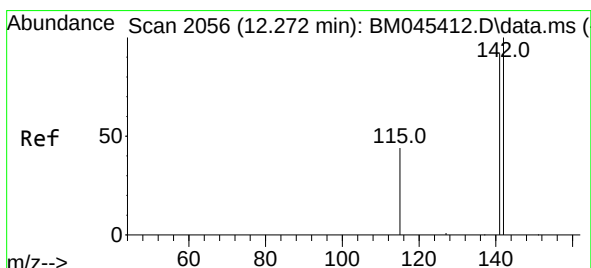
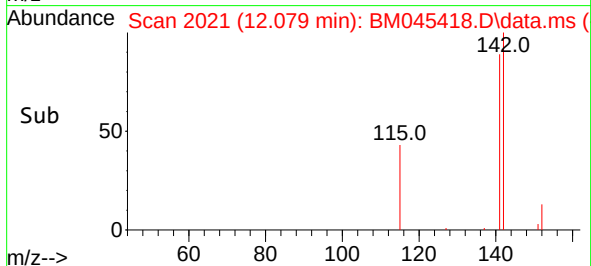
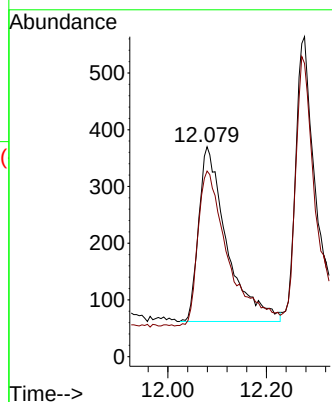
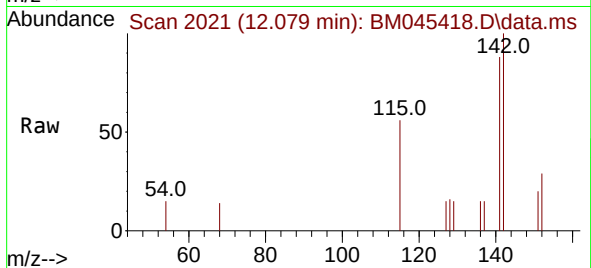




#7
2-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.079 min Scan# 2020
Delta R.T. 0.011 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

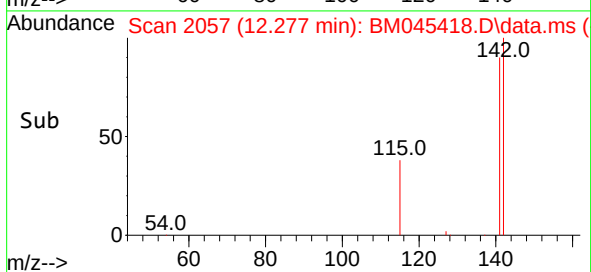
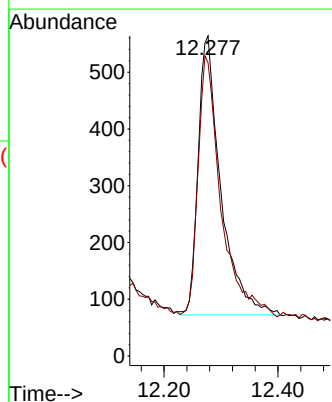
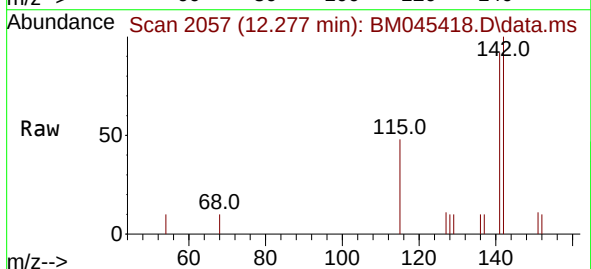
Instrument :
BNA_M
ClientSampleId :
SLCS237

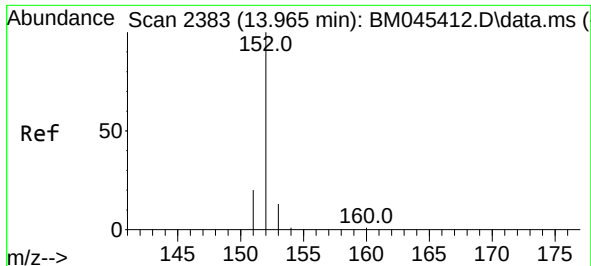
Tgt Ion:142 Resp: 1226
Ion Ratio Lower Upper
142 100
141 97.0 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.277 min Scan# 2057
Delta R.T. 0.005 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

Tgt Ion:142 Resp: 1362
Ion Ratio Lower Upper
142 100
141 94.9 74.2 111.2

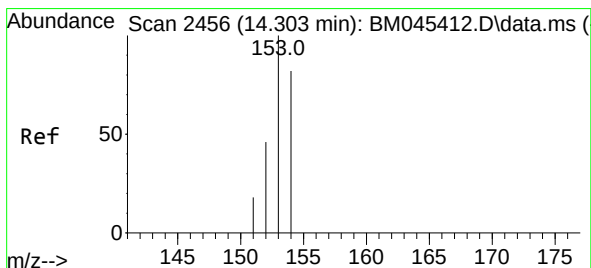
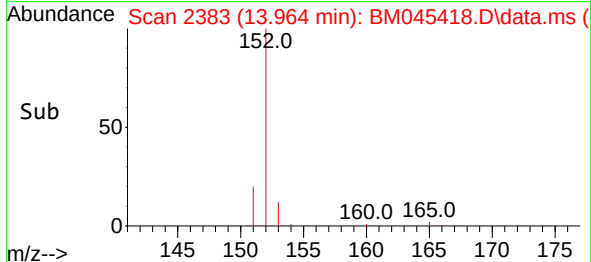
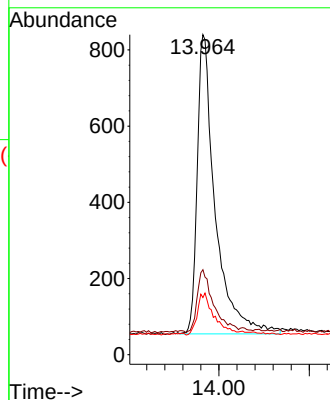
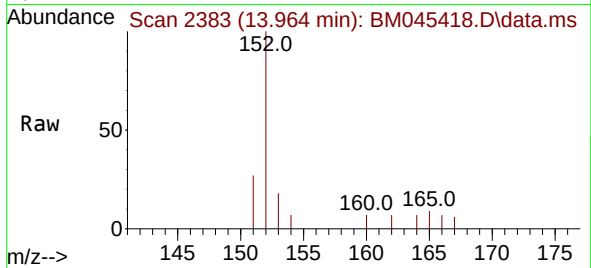




#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 13.964 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

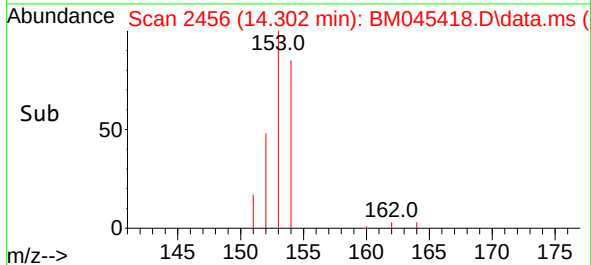
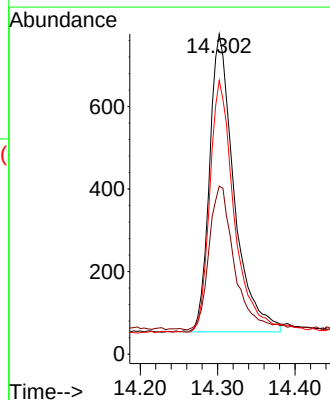
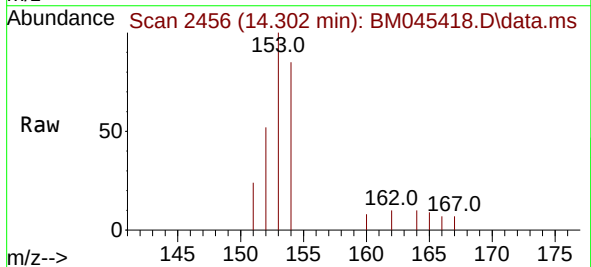
Instrument :
BNA_M
ClientSampleId :
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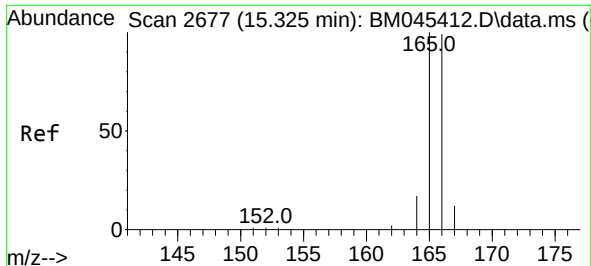
Tgt Ion:152 Resp: 2177
Ion Ratio Lower Upper
152 100
151 26.5 17.0 25.4#
153 17.9 11.9 17.9



#11
Acenaphthene
Concen: 0.368 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

Tgt Ion:153 Resp: 1590
Ion Ratio Lower Upper
153 100
152 52.4 41.2 61.8
154 85.4 69.4 104.0

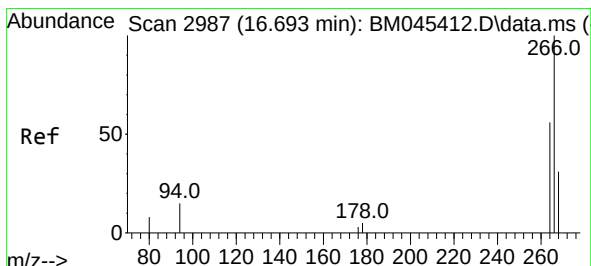
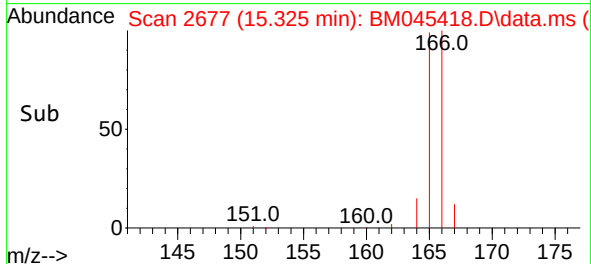
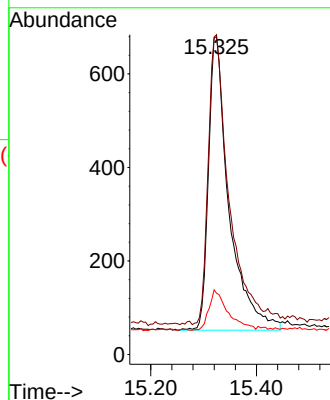
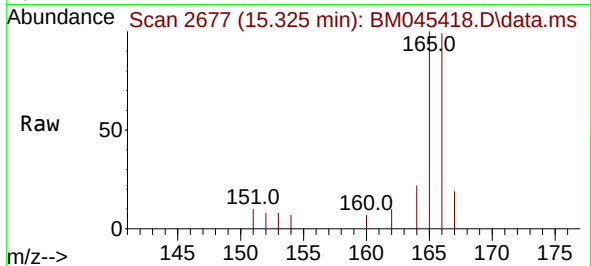




#12
Fluorene
Concen: 0.348 ng/ul
RT: 15.325 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

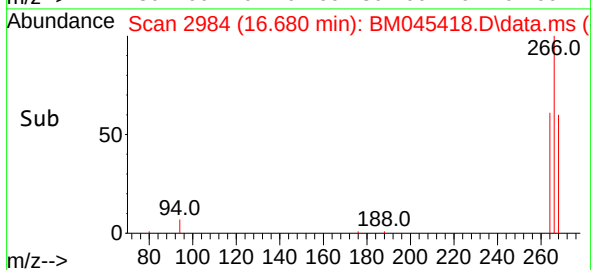
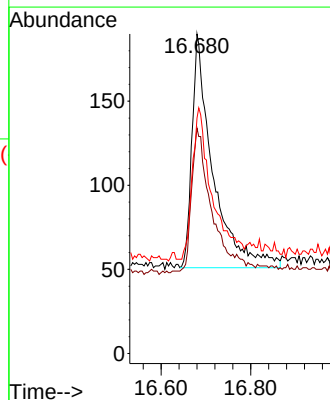
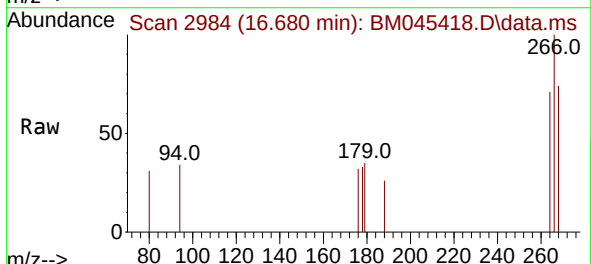
Instrument :
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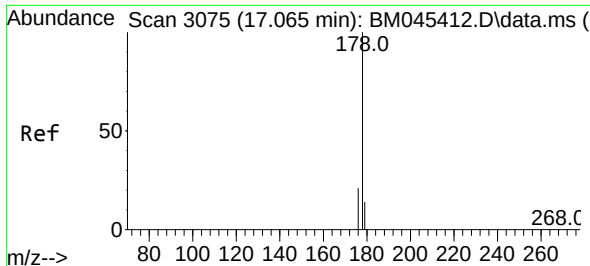
Tgt Ion:166 Resp: 1687
Ion Ratio Lower Upper
166 100
165 100.6 79.9 119.9
167 19.3 12.2 18.2#



#14
Pentachlorophenol
Concen: 0.741 ng/ul
RT: 16.680 min Scan# 2984
Delta R.T. -0.008 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

Tgt Ion:266 Resp: 449
Ion Ratio Lower Upper
266 100
264 57.9 48.3 72.5
268 61.5 52.6 79.0

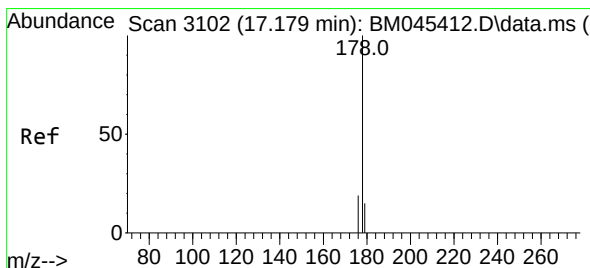
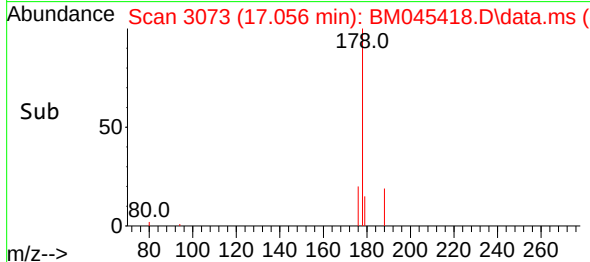
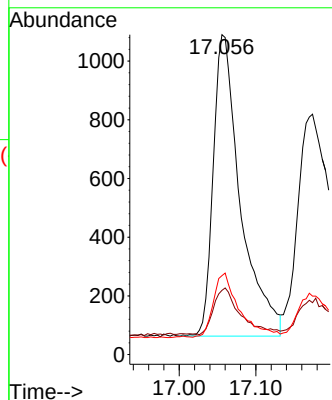
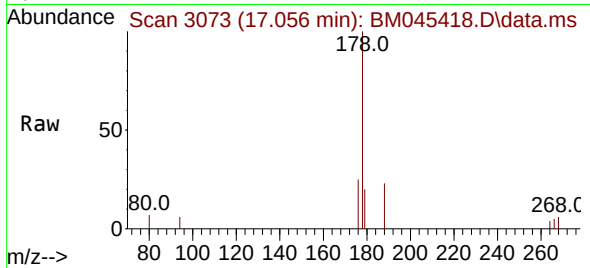




#15
Phenanthrene
Concen: 0.348 ng/ul
RT: 17.056 min Scan# 3075
Delta R.T. -0.004 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

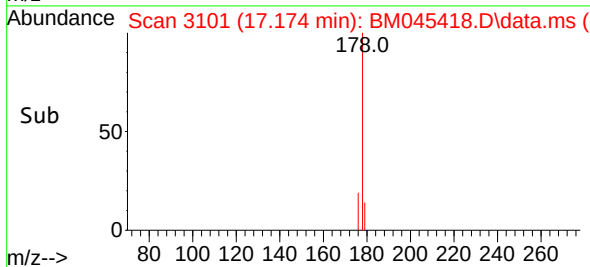
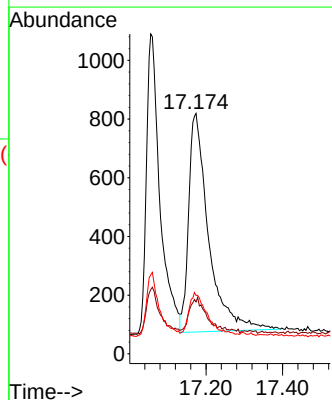
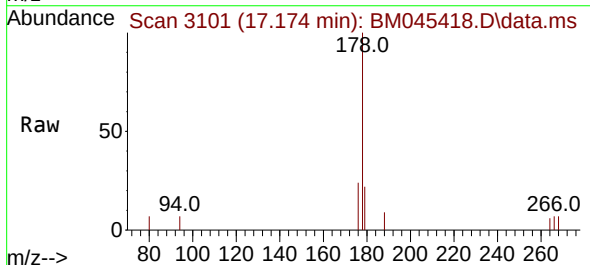
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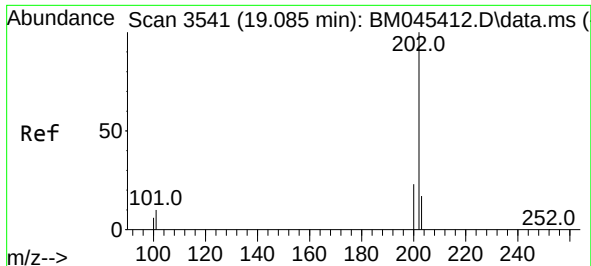
Tgt Ion:	178	Resp:	2535
Ion Ratio	Lower	Upper	
178	100		
179	20.1	13.7	20.5
176	24.7	17.0	25.4



#16
Anthracene
Concen: 0.376 ng/ul
RT: 17.174 min Scan# 3101
Delta R.T. 0.004 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

Tgt Ion:	178	Resp:	2693
Ion Ratio	Lower	Upper	
178	100		
179	21.6	13.8	20.8#
176	24.3	16.2	24.4

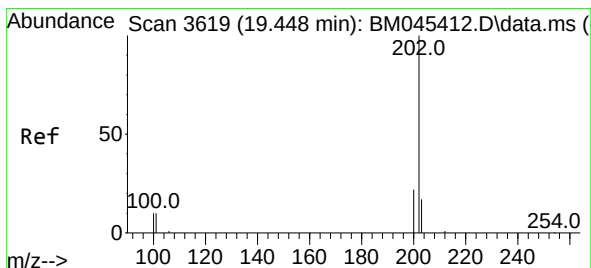
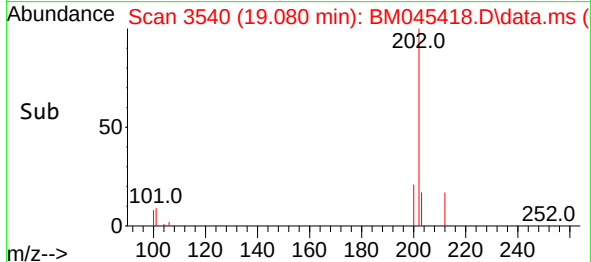
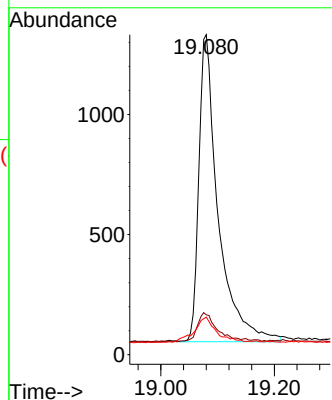
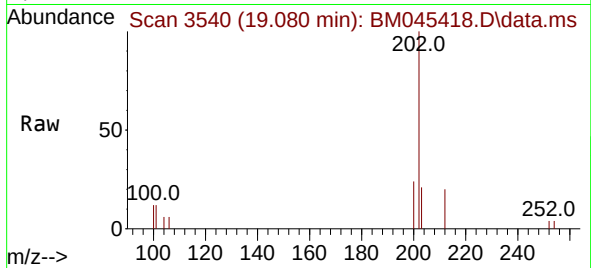




#19
Fluoranthene
Concen: 0.433 ng/ul
RT: 19.080 min Scan# 3540
Delta R.T. -0.005 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

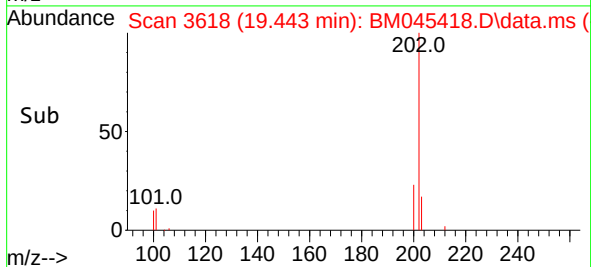
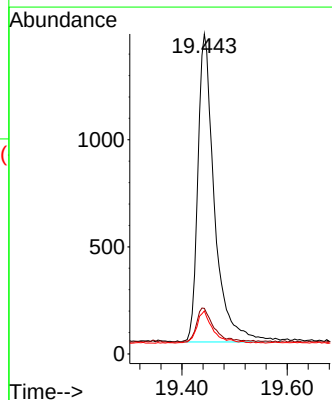
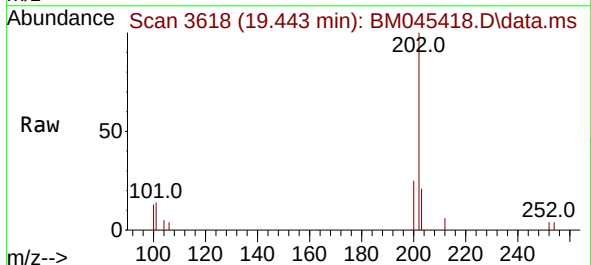
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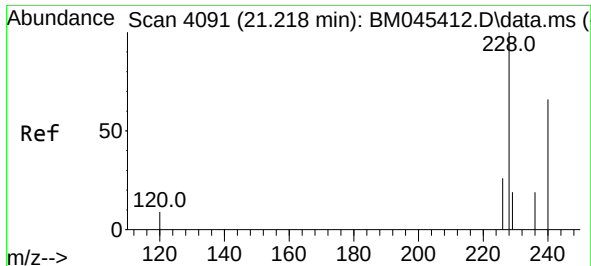
Tgt Ion:202 Resp: 3015
Ion Ratio Lower Upper
202 100
101 12.5 8.8 13.2
100 11.7 7.0 10.4#



#20
Pyrene
Concen: 0.429 ng/ul
RT: 19.443 min Scan# 3618
Delta R.T. -0.005 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

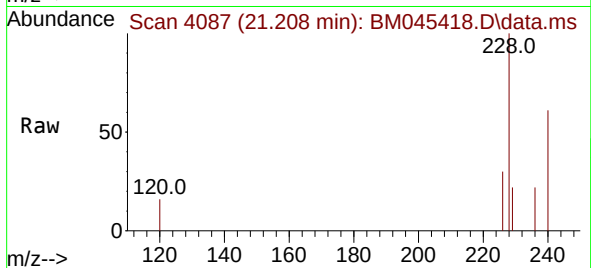
Tgt Ion:202 Resp: 3154
Ion Ratio Lower Upper
202 100
101 14.3 9.8 14.6
100 13.5 8.1 12.1#



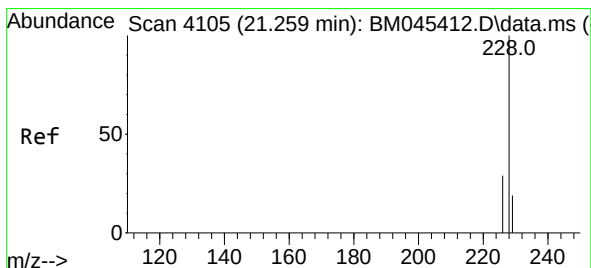
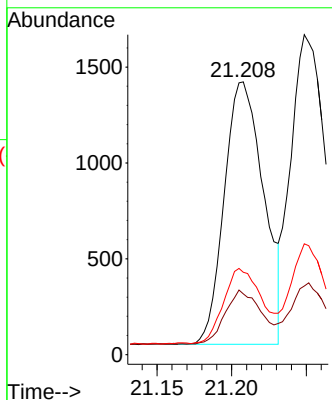


#21
Benzo(a)anthracene
Concen: 0.371 ng/ul
RT: 21.208 min Scan# 4091
Delta R.T. -0.003 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

Instrument :
BNA_M
ClientSampleId :
SLCS237

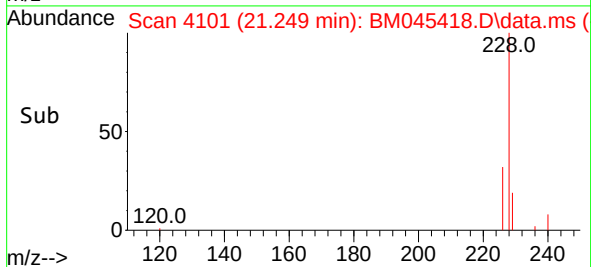
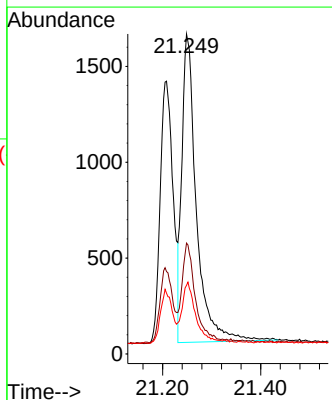
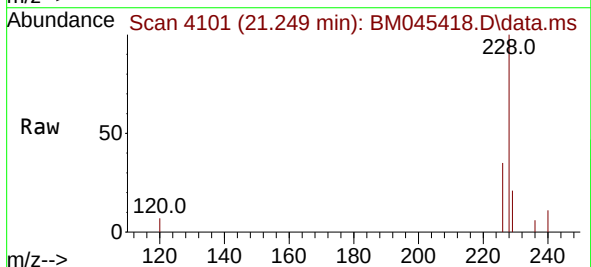


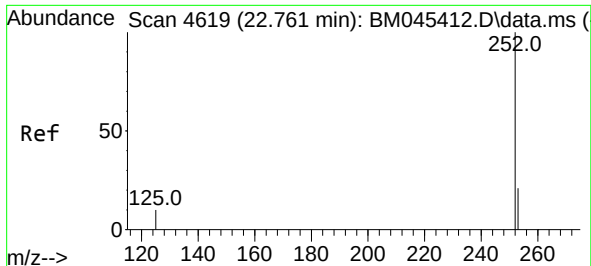
Tgt Ion:228 Resp: 2516
Ion Ratio Lower Upper
228 100
229 22.3 16.4 24.6
226 30.2 22.3 33.5



#22
Chrysene
Concen: 0.390 ng/ul
RT: 21.249 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

Tgt Ion:228 Resp: 3303
Ion Ratio Lower Upper
228 100
226 34.6 24.9 37.3
229 21.4 15.9 23.9

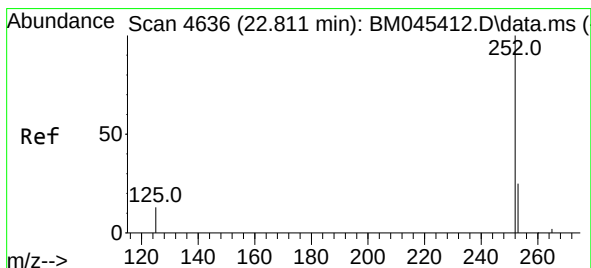
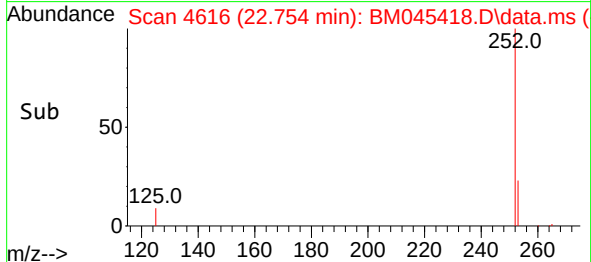
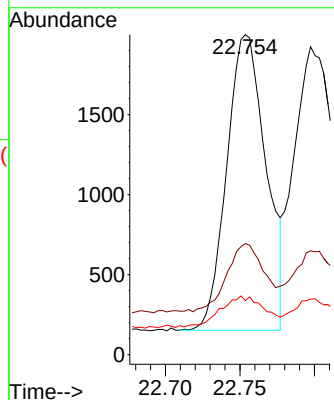
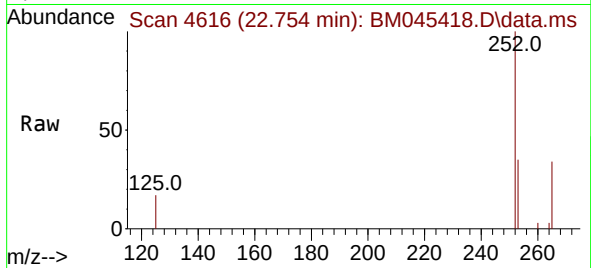




#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 22.754 min Scan# 4616
Delta R.T. -0.009 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

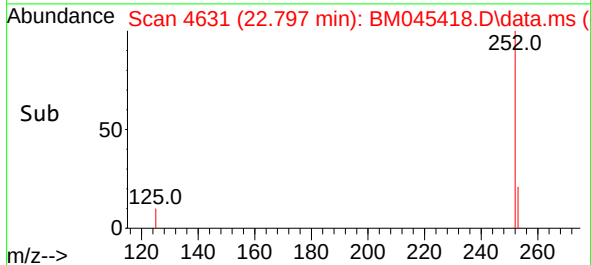
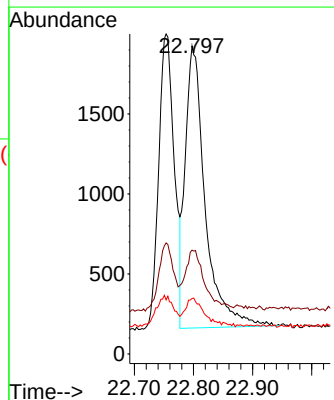
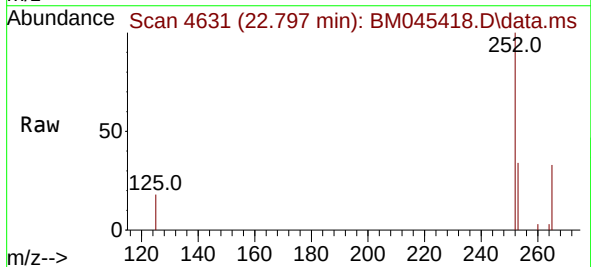
Instrument :
BNA_M
ClientSampleId :
SLCS237

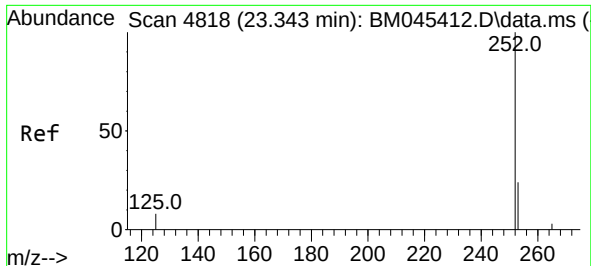
Tgt Ion:252 Resp: 3380
Ion Ratio Lower Upper
252 100
253 34.7 0.0 56.4
125 16.9 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 22.797 min Scan# 4631
Delta R.T. -0.009 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

Tgt Ion:252 Resp: 4129
Ion Ratio Lower Upper
252 100
253 33.7 22.3 33.5#
125 18.0 11.6 17.4#

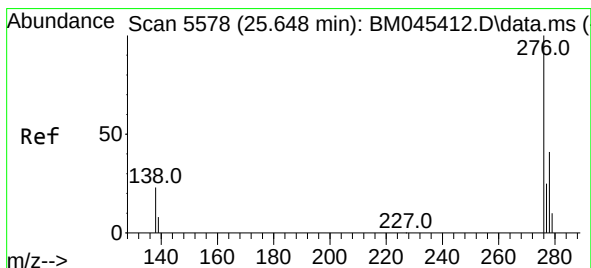
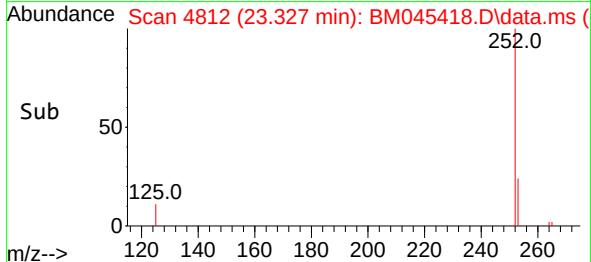
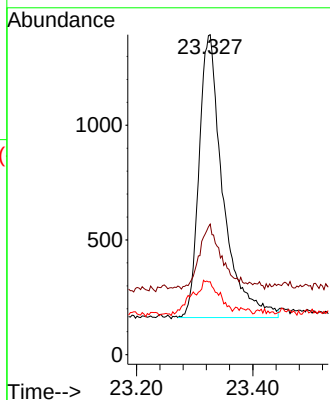
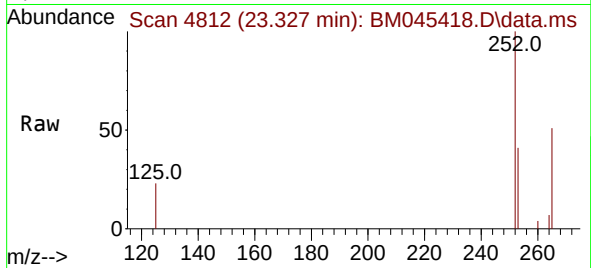




#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.327 min Scan# 4818
Delta R.T. -0.006 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

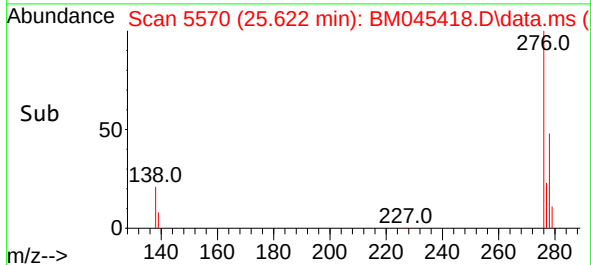
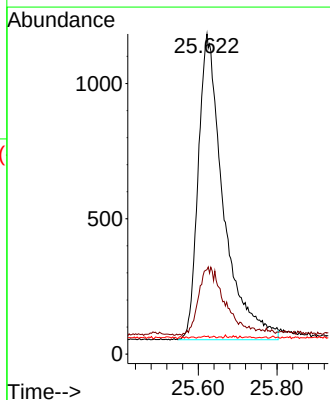
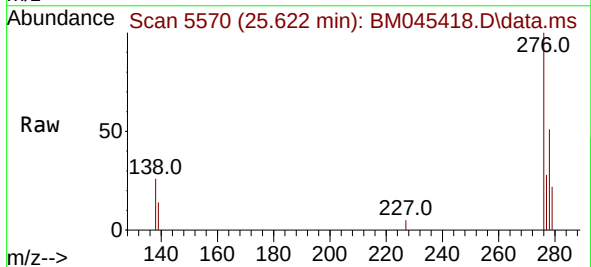
Instrument :
BNA_M
ClientSampleId :
SLCS237

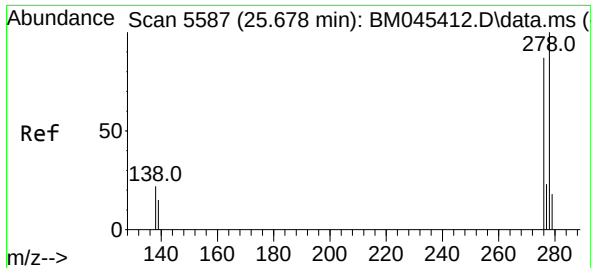
Tgt Ion:252 Resp: 3510
Ion Ratio Lower Upper
252 100
253 40.8 24.6 37.0#
125 22.8 18.2 27.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng/ul
RT: 25.622 min Scan# 5570
Delta R.T. -0.010 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

Tgt Ion:276 Resp: 5020
Ion Ratio Lower Upper
276 100
138 24.0 0.0 0.0#
227 0.2 0.1 0.1#

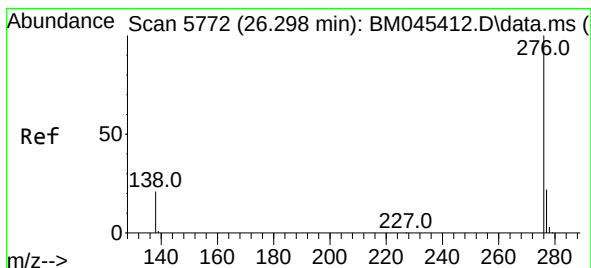
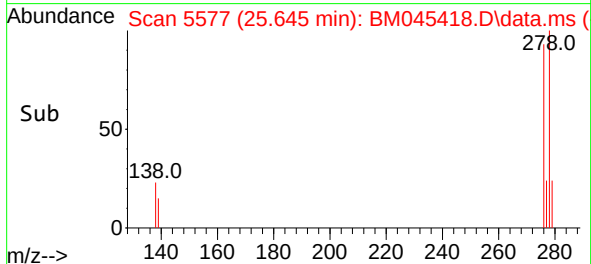
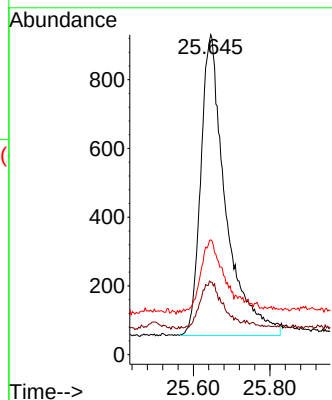
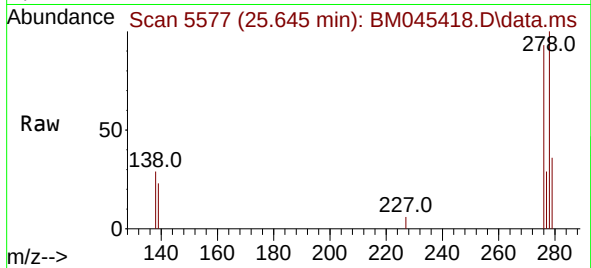




#28
Dibenzo(a,h)anthracene
Concen: 0.389 ng/ul
RT: 25.645 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

Instrument :
BNA_M
ClientSampleId :
SLCS237

Tgt Ion:278 Resp: 3933
Ion Ratio Lower Upper
278 100
139 22.7 13.6 20.4#
279 35.9 23.0 34.4#



#29
Benzo(g,h,i)perylene
Concen: 0.398 ng/ul
RT: 26.286 min Scan# 5768
Delta R.T. -0.017 min
Lab File: BM045418.D
Acq: 20 Apr 2024 07:39

Tgt Ion:276 Resp: 4380
Ion Ratio Lower Upper
276 100
138 24.8 16.8 25.2
277 28.4 20.3 30.5

