

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
 Data File : BM040019.D
 Acq On : 26 May 2023 01:31
 Operator : CG/JU
 Sample : PB152978BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS978

Quant Time: May 26 02:09:26 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 15:01:16 2023
 Response via : Initial Calibration

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

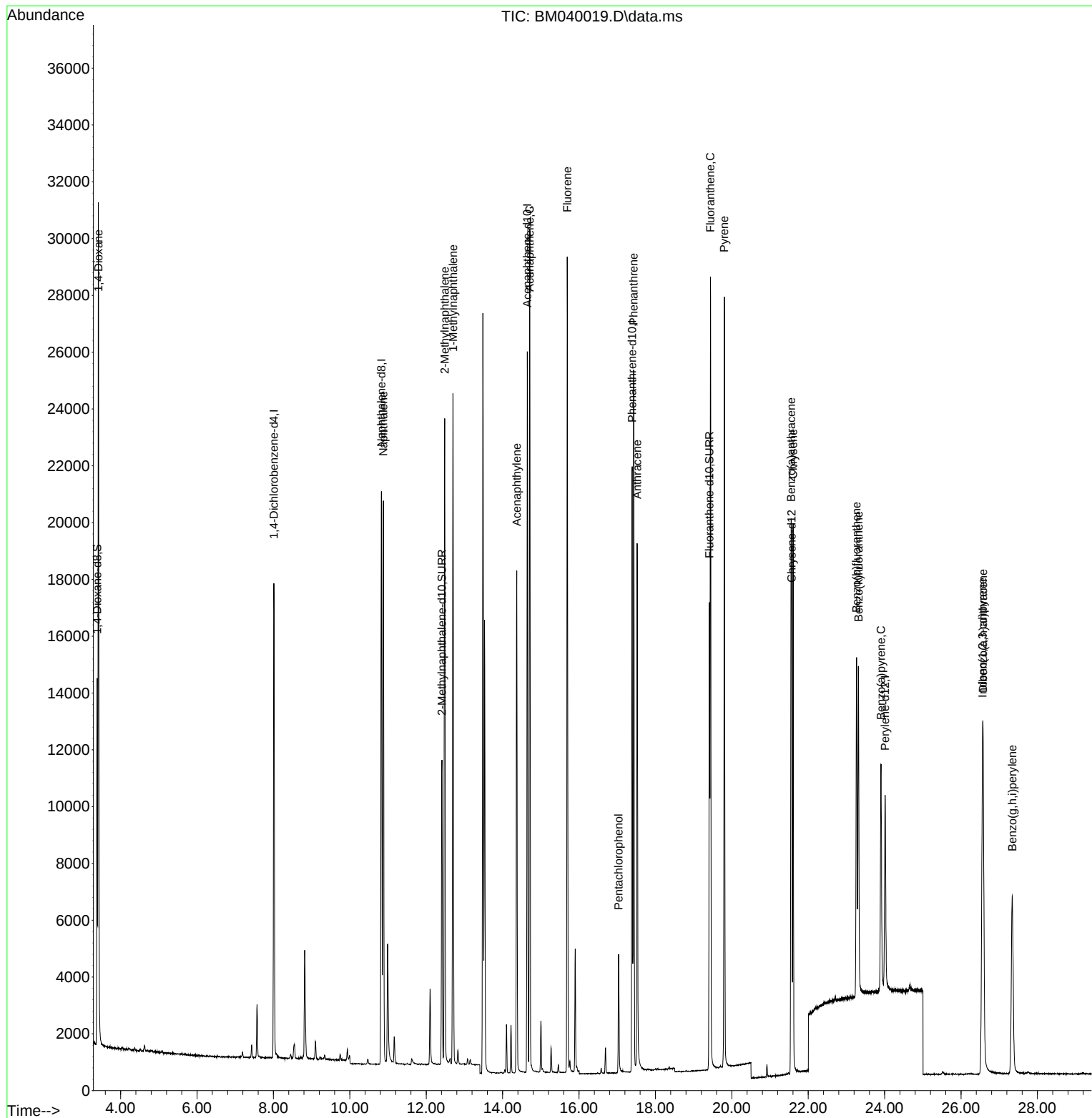
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	8447	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	27158	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.647	164	13100	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	24201	0.400	ng/ul	0.00
17) Chrysene-d12	21.567	240	11244	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	10112	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	8121	0.826	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.411	152	13915	0.419	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	16346	0.483	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.418	88	19400	1.875	ng/ul	91
5) Naphthalene	10.877	128	26683	0.402	ng/ul	100
7) 2-Methylnaphthalene	12.483	142	16009	0.400	ng/ul	99
8) 1-Methylnaphthalene	12.703	142	16241	0.390	ng/ul	100
10) Acenaphthylene	14.369	152	19768	0.379	ng/ul	99
11) Acenaphthene	14.711	153	16779	0.395	ng/ul	99
12) Fluorene	15.692	166	17402	0.393	ng/ul	99
14) Pentachlorophenol	17.037	266	2809	0.573	ng/ul	98
15) Phenanthrene	17.429	178	26070	0.380	ng/ul	100
16) Anthracene	17.522	178	20923	0.364	ng/ul	99
19) Fluoranthene	19.440	202	23051	0.456	ng/ul	98
20) Pyrene	19.803	202	22461	0.438	ng/ul	99
21) Benzo(a)anthracene	21.550	228	14919	0.394	ng/ul	100
22) Chrysene	21.605	228	16517	0.411	ng/ul	99
24) Benzo(b)fluoranthene	23.266	252	15856	0.395	ng/ul	98
25) Benzo(k)fluoranthene	23.315	252	15661	0.387	ng/ul	99
26) Benzo(a)pyrene	23.903	252	12836	0.382	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.561	276	17251	0.357	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.578	278	13790	0.353	ng/ul	98
29) Benzo(g,h,i)perylene	27.339	276	14409	0.364	ng/ul	99

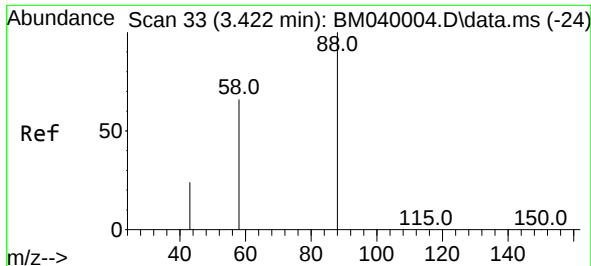
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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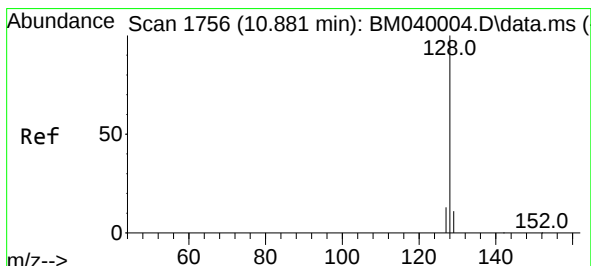
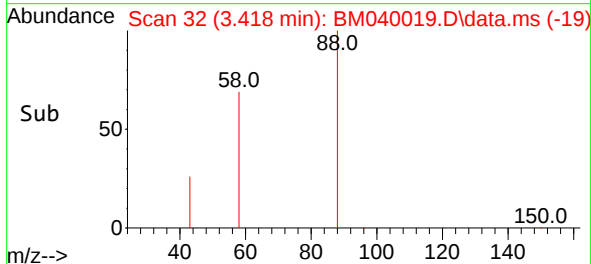
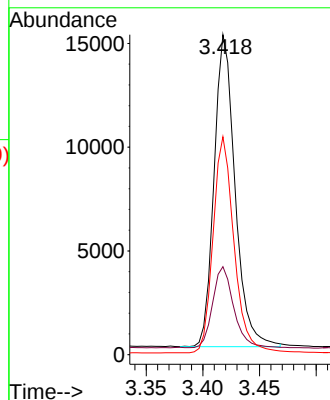
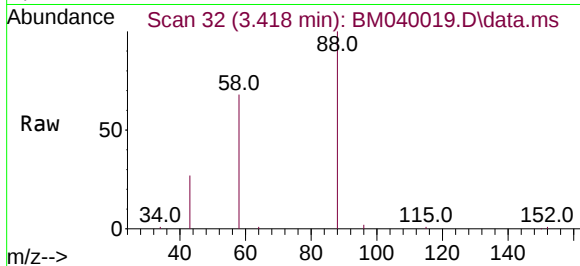




#2
1,4-Dioxane
Concen: 1.875 ng/ul
RT: 3.418 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

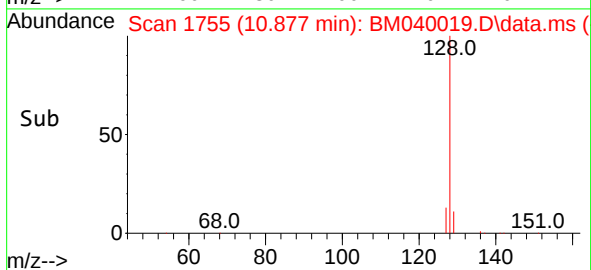
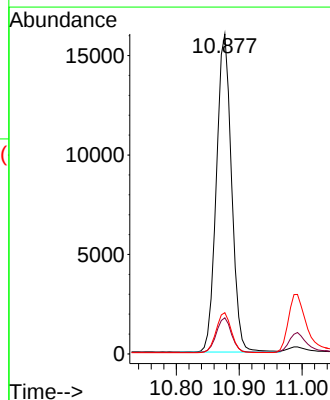
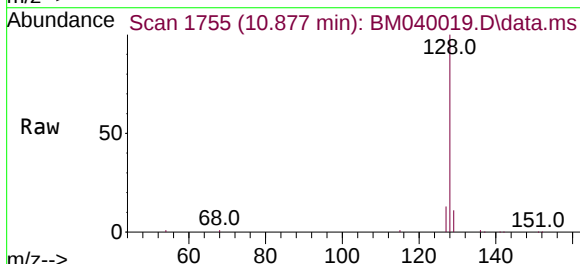
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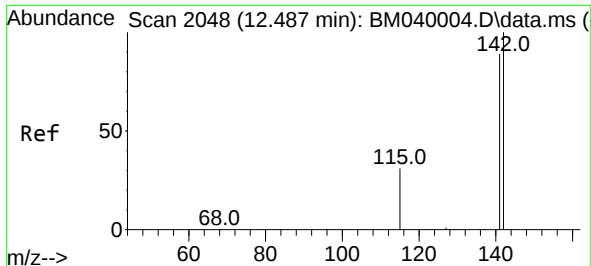
Tgt Ion: 88 Resp: 19400
Ion Ratio Lower Upper
88 100
43 27.5 25.9 38.9
58 68.1 48.5 72.7



#5
Naphthalene
Concen: 0.402 ng/ul
RT: 10.877 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

Tgt Ion: 128 Resp: 26683
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 12.9 10.5 15.7

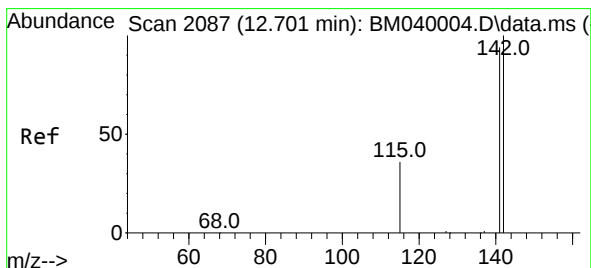
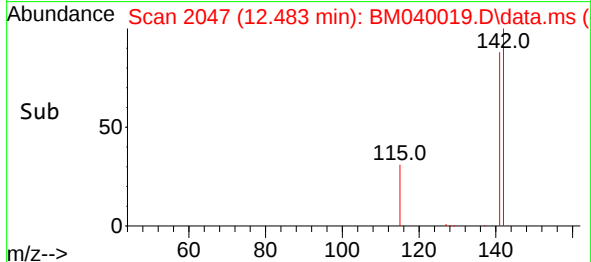
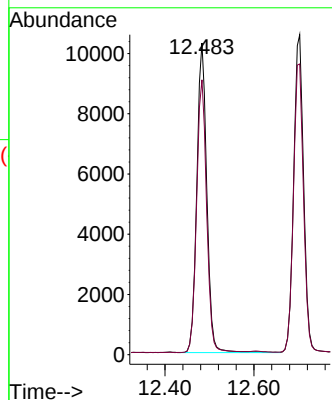
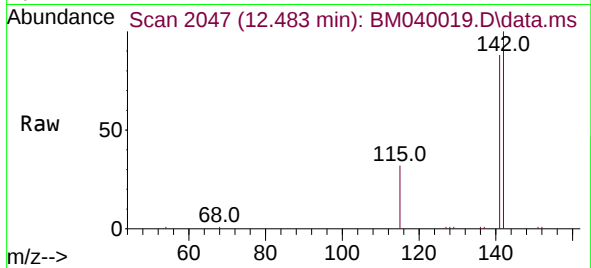




#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.483 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

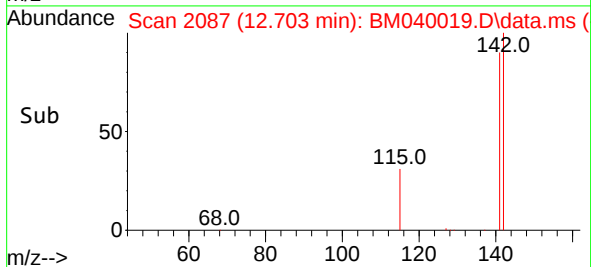
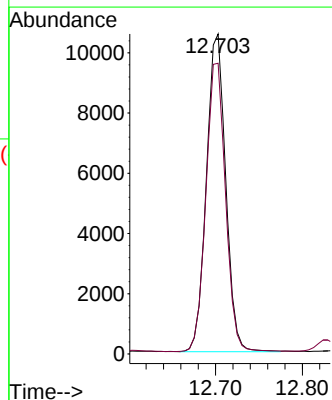
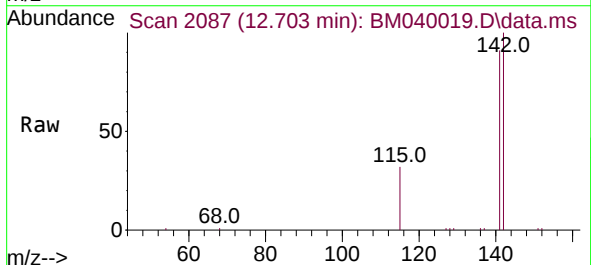
Instrument :
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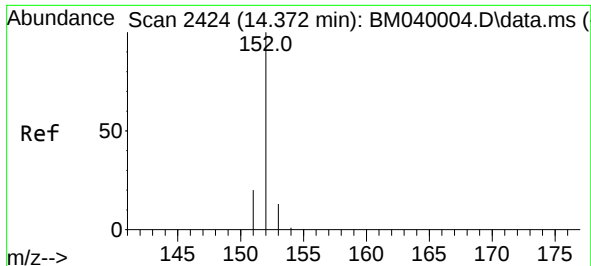
Tgt Ion:142 Resp: 16009
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9



#8
1-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.703 min Scan# 2087
Delta R.T. 0.000 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

Tgt Ion:142 Resp: 16241
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.6

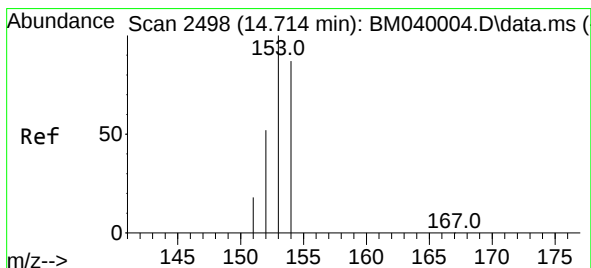
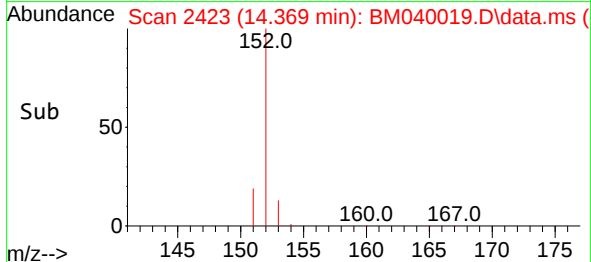
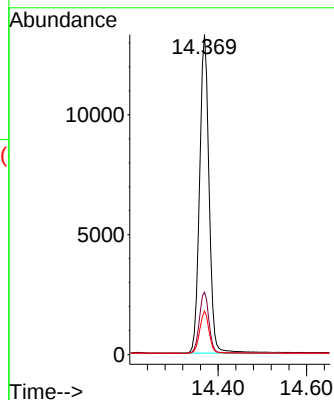
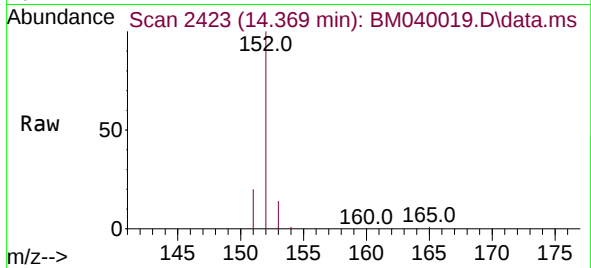




#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 14.369 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

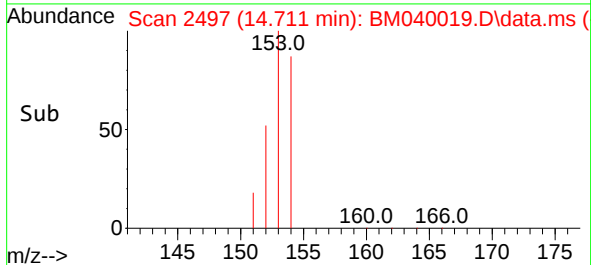
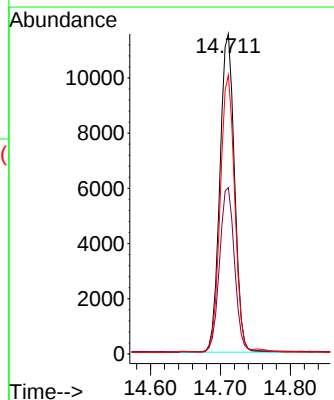
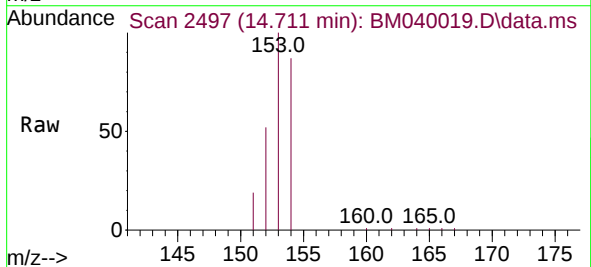
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ClientSampleId :
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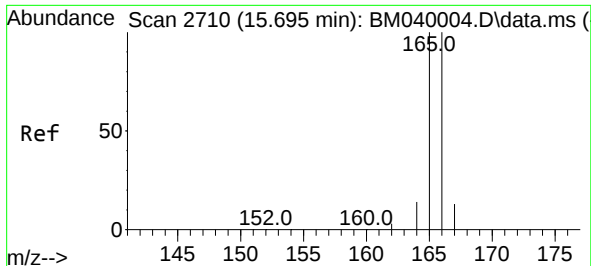
Tgt Ion:152 Resp: 19768
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.4
153 13.7 10.6 16.0



#11
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.711 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

Tgt Ion:153 Resp: 16779
Ion Ratio Lower Upper
153 100
152 52.0 42.0 63.0
154 87.2 69.4 104.2

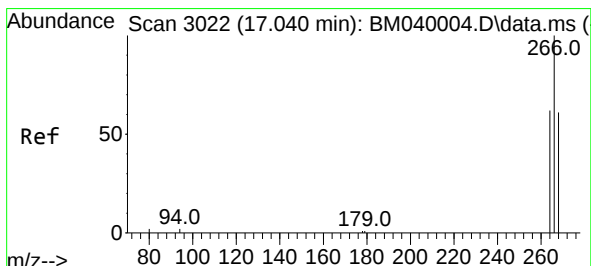
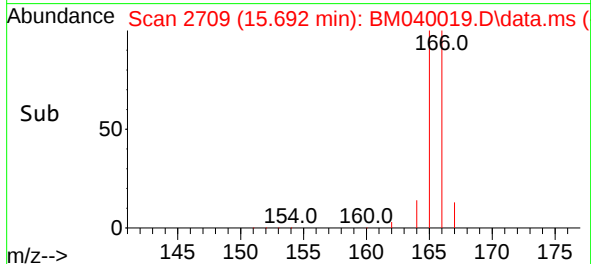
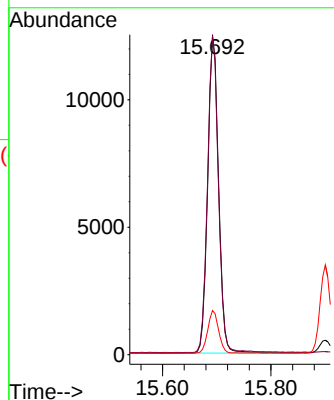
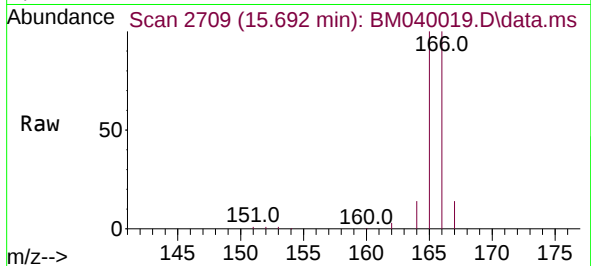




#12
Fluorene
Concen: 0.393 ng/ul
RT: 15.692 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

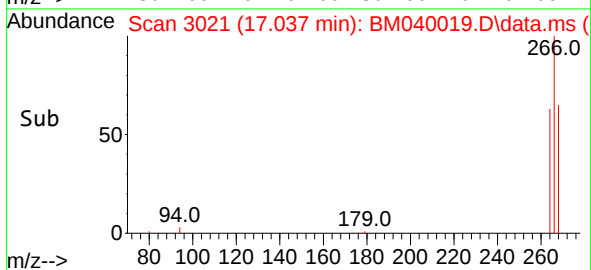
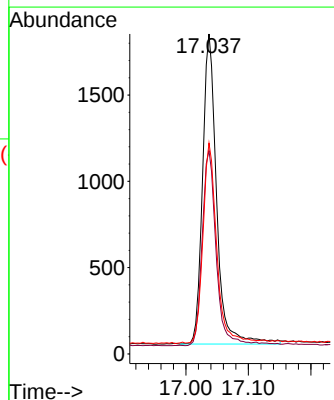
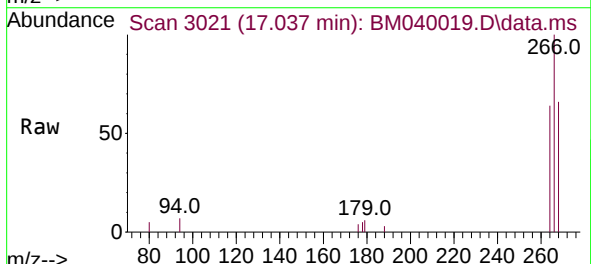
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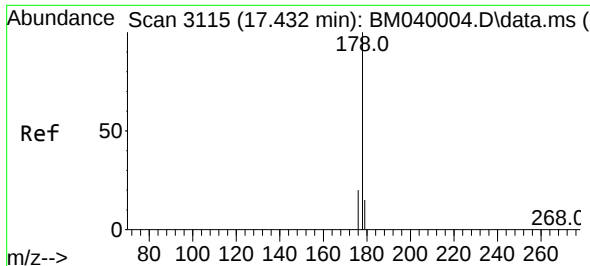
Tgt Ion:166 Resp: 17402
Ion Ratio Lower Upper
166 100
165 100.4 79.3 118.9
167 13.8 10.8 16.2



#14
Pentachlorophenol
Concen: 0.573 ng/ul
RT: 17.037 min Scan# 3021
Delta R.T. -0.004 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

Tgt Ion:266 Resp: 2809
Ion Ratio Lower Upper
266 100
264 63.3 49.2 73.8
268 63.9 51.9 77.9

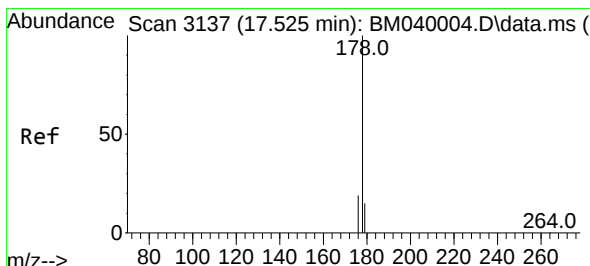
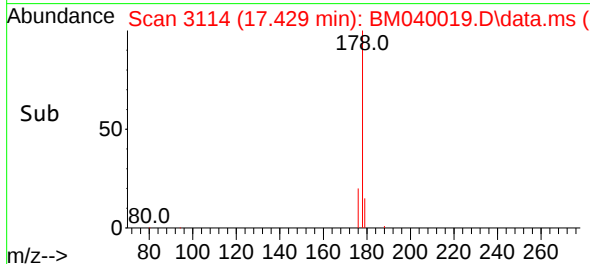
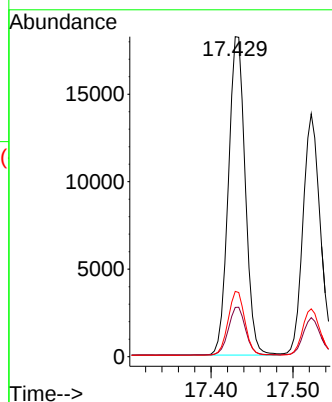
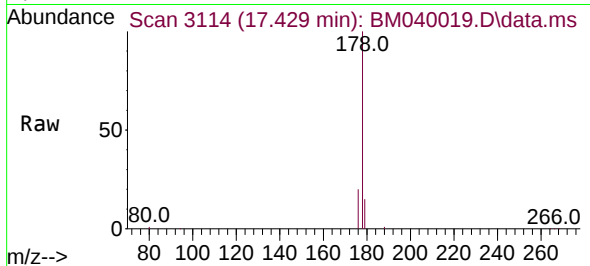




#15
Phenanthrene
Concen: 0.380 ng/ul
RT: 17.429 min Scan# 3114
Delta R.T. -0.004 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

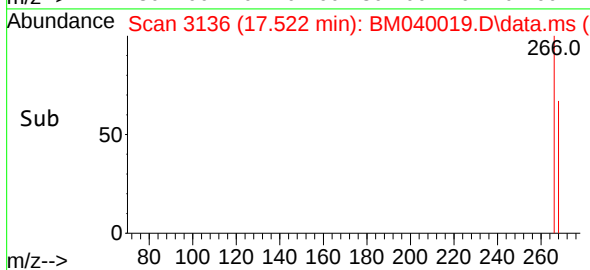
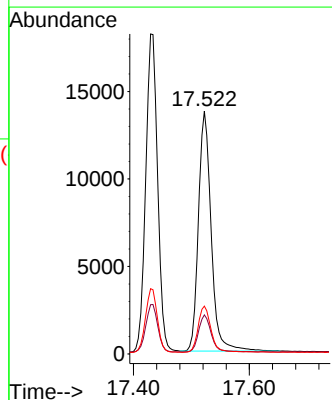
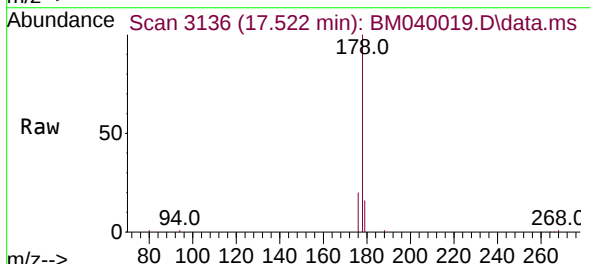
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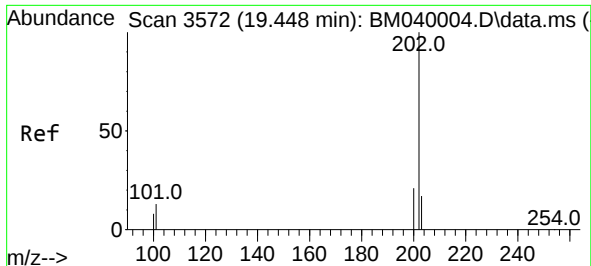
Tgt Ion:178 Resp: 26070
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 20.4 16.3 24.5



#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.522 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

Tgt Ion:178 Resp: 20923
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 19.7 15.5 23.3

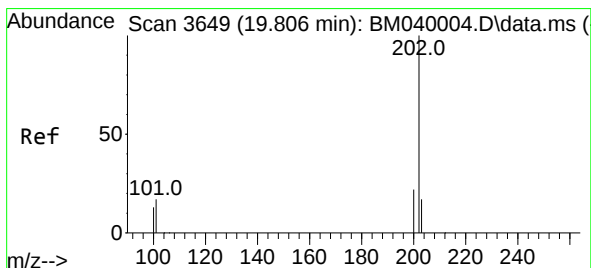
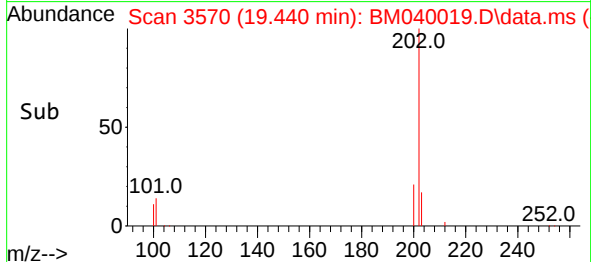
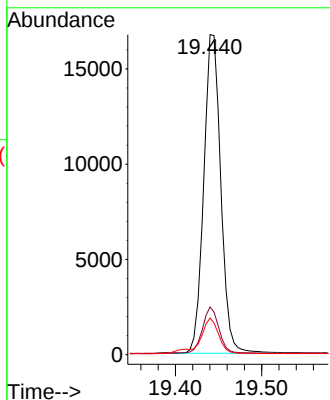
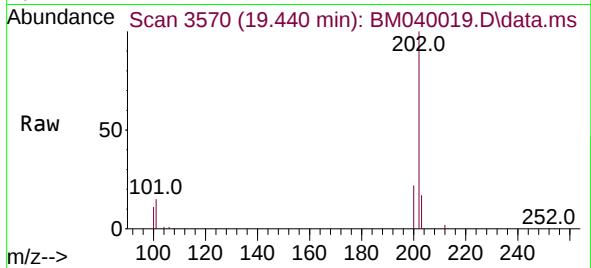




#19
Fluoranthene
Concen: 0.456 ng/ul
RT: 19.440 min Scan# 3572
Delta R.T. -0.005 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

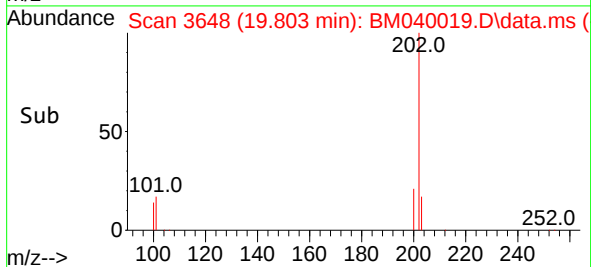
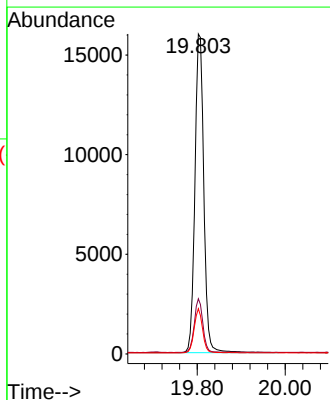
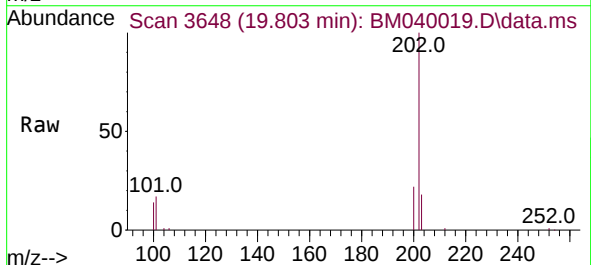
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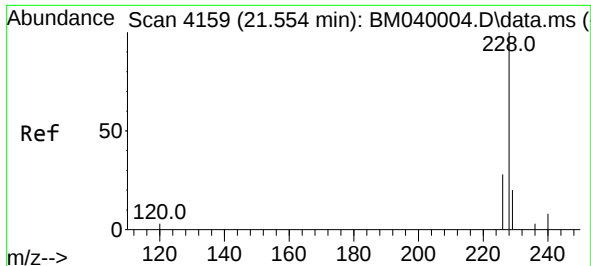
Tgt Ion:202 Resp: 23051
Ion Ratio Lower Upper
202 100
101 14.9 11.5 17.3
100 11.4 8.5 12.7



#20
Pyrene
Concen: 0.438 ng/ul
RT: 19.803 min Scan# 3648
Delta R.T. -0.005 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

Tgt Ion:202 Resp: 22461
Ion Ratio Lower Upper
202 100
101 17.2 13.3 19.9
100 14.1 10.9 16.3

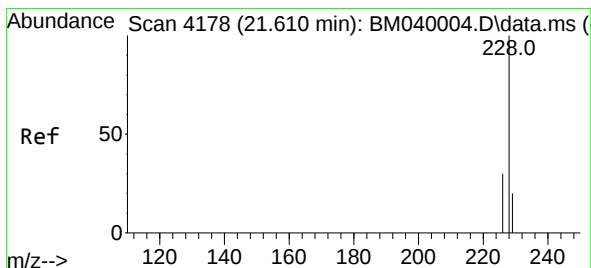
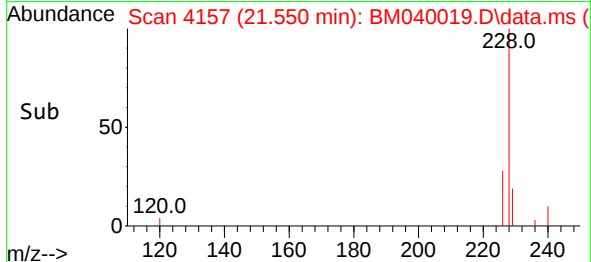
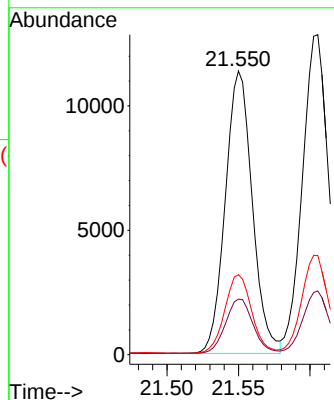
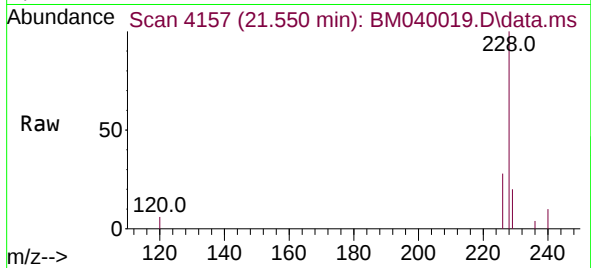




#21
Benzo(a)anthracene
Concen: 0.394 ng/ul
RT: 21.550 min Scan# 4159
Delta R.T. -0.006 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

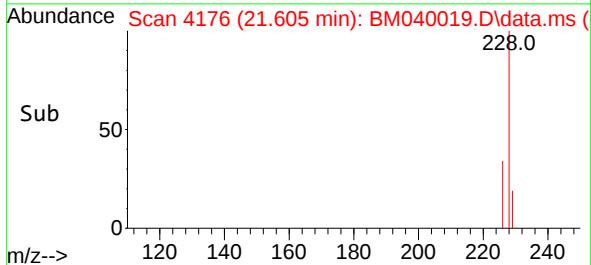
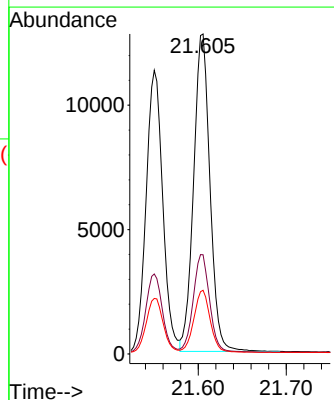
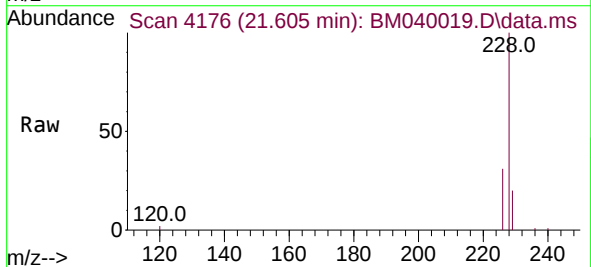
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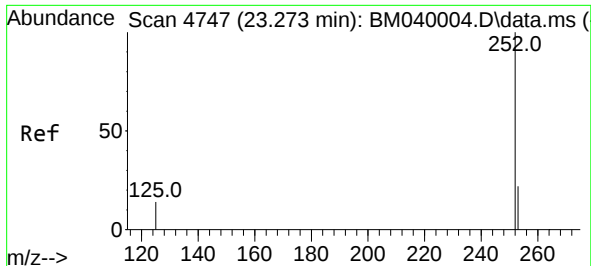
Tgt Ion:228 Resp: 14919
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 28.2 22.5 33.7



#22
Chrysene
Concen: 0.411 ng/ul
RT: 21.605 min Scan# 4176
Delta R.T. -0.006 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

Tgt Ion:228 Resp: 16517
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 19.9 15.6 23.4

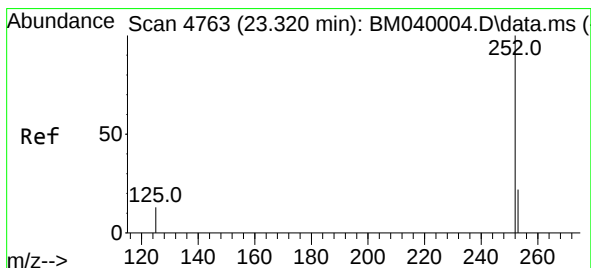
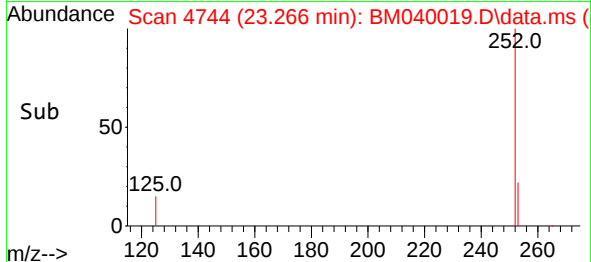
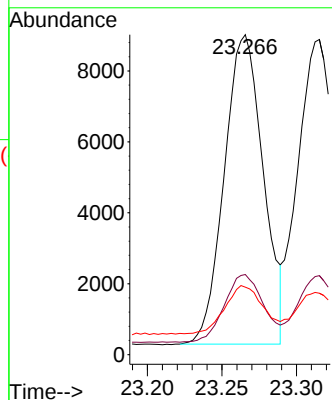
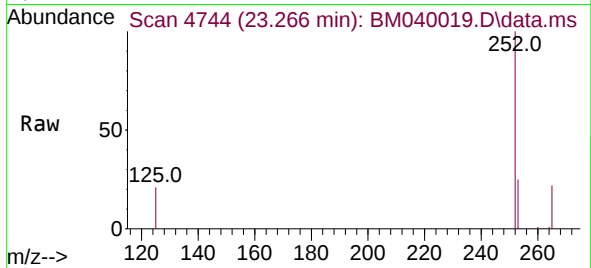




#24
Benzo(b)fluoranthene
Concen: 0.395 ng/ul
RT: 23.266 min Scan# 4744
Delta R.T. -0.009 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

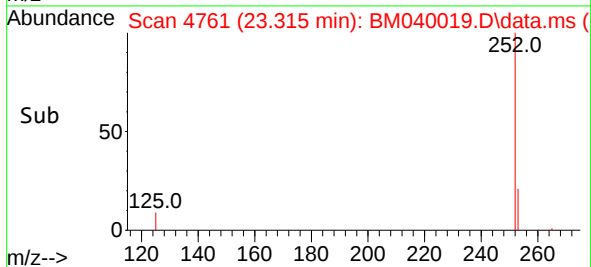
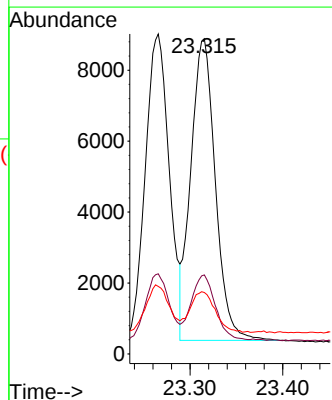
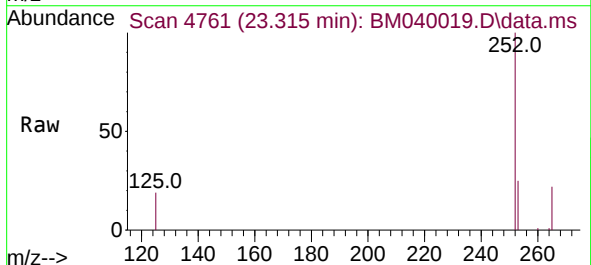
Instrument :
BNA_M
ClientSampleId :
SLCS978

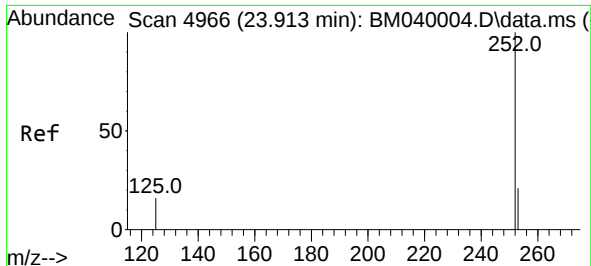
Tgt Ion:252 Resp: 15856
Ion Ratio Lower Upper
252 100
253 25.0 0.0 49.8
125 21.1 0.0 39.2



#25
Benzo(k)fluoranthene
Concen: 0.387 ng/ul
RT: 23.315 min Scan# 4761
Delta R.T. -0.009 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

Tgt Ion:252 Resp: 15661
Ion Ratio Lower Upper
252 100
253 25.1 19.7 29.5
125 19.5 15.0 22.4

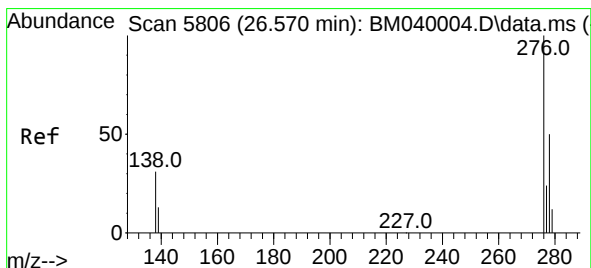
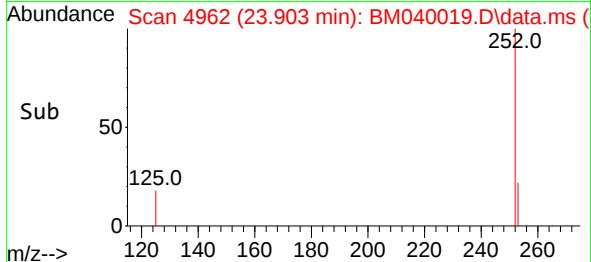
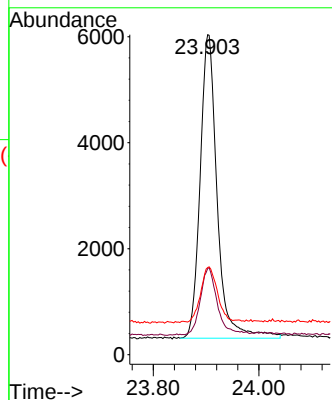
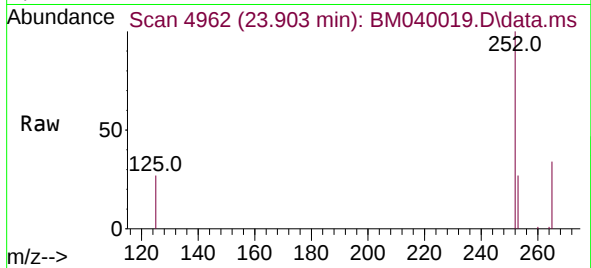




#26
Benzo(a)pyrene
Concen: 0.382 ng/ul
RT: 23.903 min Scan# 4966
Delta R.T. -0.012 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

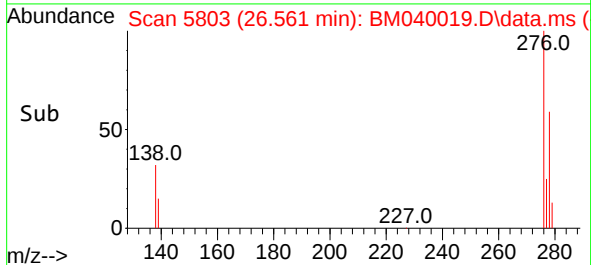
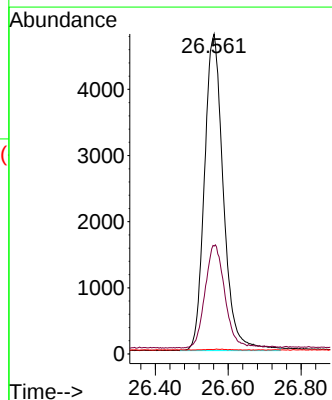
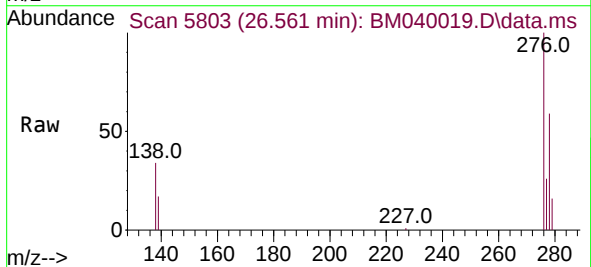
Instrument :
BNA_M
ClientSampleId :
SLCS978

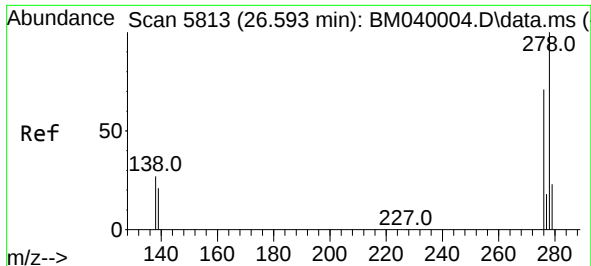
Tgt Ion:252 Resp: 12836
Ion Ratio Lower Upper
252 100
253 26.9 20.6 31.0
125 27.2 19.1 28.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 26.561 min Scan# 5803
Delta R.T. -0.010 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

Tgt Ion:276 Resp: 17251
Ion Ratio Lower Upper
276 100
138 34.1 26.9 40.3
227 0.0 0.1 0.1#

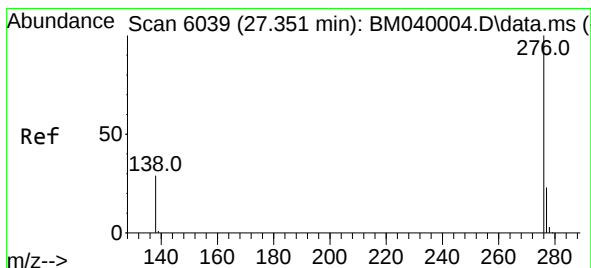
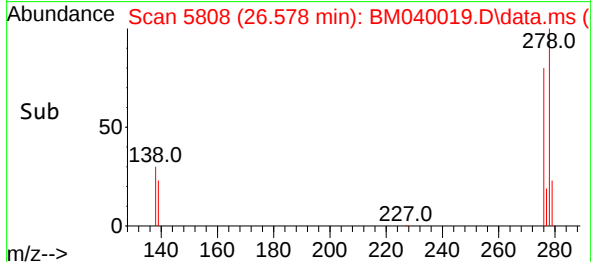
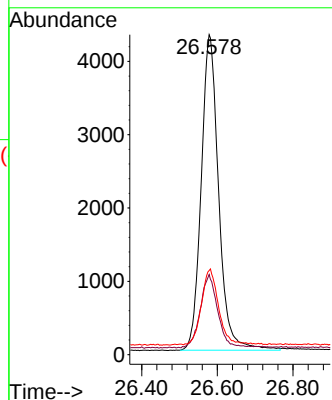
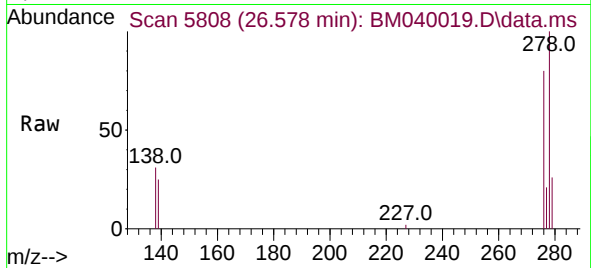




#28
Dibenzo(a,h)anthracene
Concen: 0.353 ng/ul
RT: 26.578 min Scan# 5813
Delta R.T. -0.017 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

Instrument :
BNA_M
ClientSampleId :
SLCS978

Tgt Ion:278 Resp: 13790
Ion Ratio Lower Upper
278 100
139 25.1 19.0 28.4
279 26.3 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.364 ng/ul
RT: 27.339 min Scan# 6035
Delta R.T. -0.017 min
Lab File: BM040019.D
Acq: 26 May 2023 01:31

Tgt Ion:276 Resp: 14409
Ion Ratio Lower Upper
276 100
138 30.2 23.9 35.9
277 25.3 19.5 29.3

