

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042623\
 Data File : BM039696.D
 Acq On : 27 Apr 2023 01:44
 Operator : CG/JU
 Sample : PB152427BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS427

Quant Time: Apr 27 02:23:42 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:14:42 2023
 Response via : Initial Calibration

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

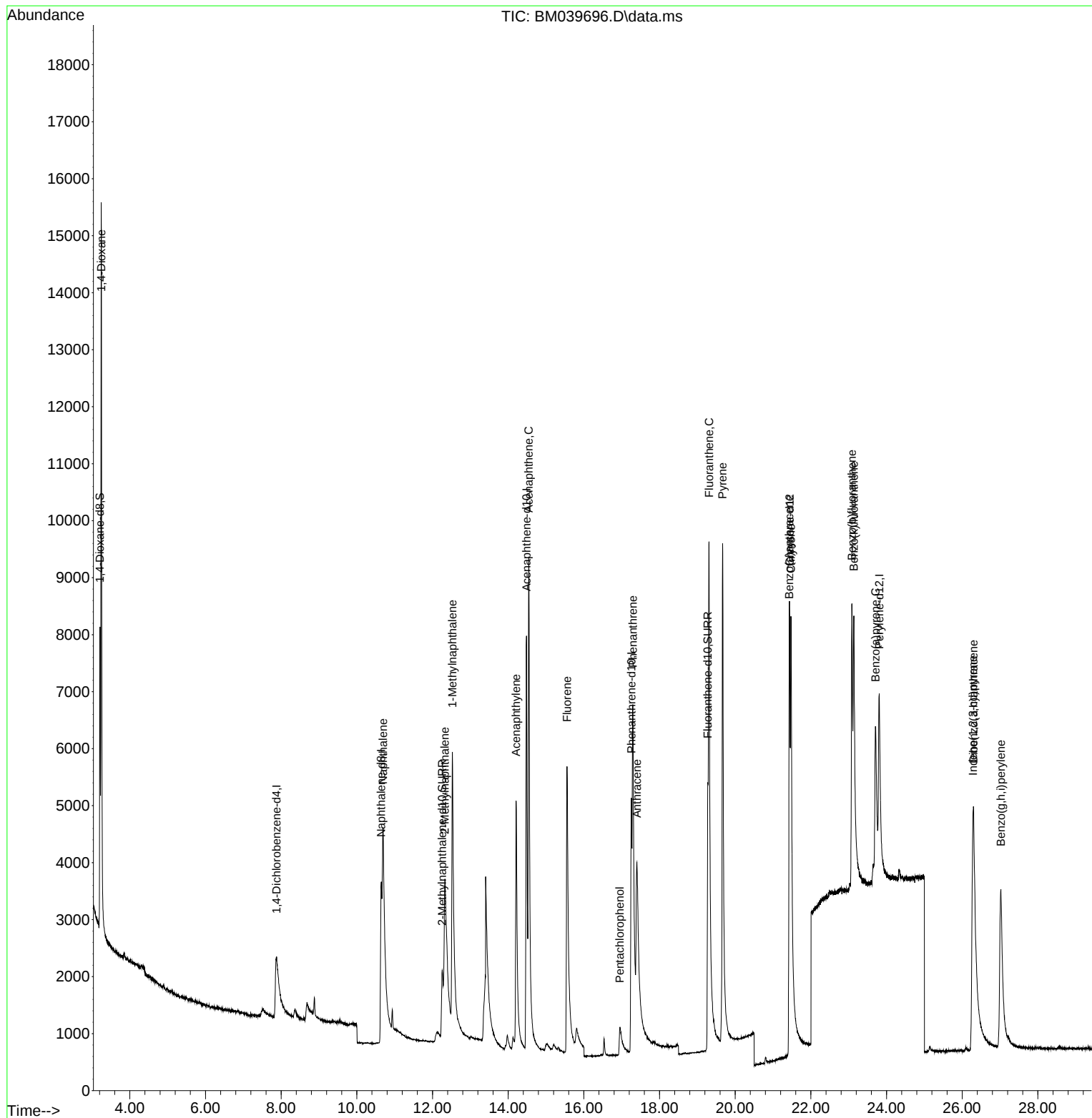
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	2117	0.400	ng/ul	0.02
4) Naphthalene-d8	10.645	136	11281	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.483	164	6506	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.255	188	9742	0.400	ng/ul	0.00
17) Chrysene-d12	21.438	240	7638	0.400	ng/ul	# 0.00
23) Perylene-d12	23.808	264	6258	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	3457	0.882	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	5258	0.403	ng/ul	0.02
18) Fluoranthene-d10	19.276	212	9370	0.394	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.244	88	8490	2.023	ng/ul#	77
5) Naphthalene	10.694	128	10035	0.374	ng/ul	97
7) 2-Methylnaphthalene	12.328	142	5580	0.370	ng/ul	97
8) 1-Methylnaphthalene	12.526	142	6154	0.360	ng/ul	99
10) Acenaphthylene	14.210	152	9669	0.383	ng/ul	98
11) Acenaphthene	14.544	153	7648	0.385	ng/ul	99
12) Fluorene	15.557	166	7803	0.394	ng/ul	98
14) Pentachlorophenol	16.951	266	1090	0.469	ng/ul#	83
15) Phenanthrene	17.297	178	10462	0.387	ng/ul	98
16) Anthracene	17.403	178	7784	0.378	ng/ul	100
19) Fluoranthene	19.309	202	11822	0.374	ng/ul	98
20) Pyrene	19.666	202	13506	0.373	ng/ul	99
21) Benzo(a)anthracene	21.429	228	7019	0.398	ng/ul	100
22) Chrysene	21.476	228	9521	0.441	ng/ul	99
24) Benzo(b)fluoranthene	23.083	252	8451	0.426	ng/ul	96
25) Benzo(k)fluoranthene	23.136	252	8439	0.446	ng/ul	96
26) Benzo(a)pyrene	23.709	252	8136	0.407	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.282	276	11180	0.444	ng/ul	98
28) Dibenzo(a,h)anthracene	26.302	278	8458	0.479	ng/ul	98
29) Benzo(g,h,i)perylene	27.019	276	10347	0.428	ng/ul	98

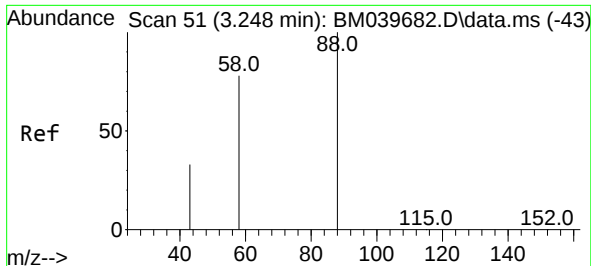
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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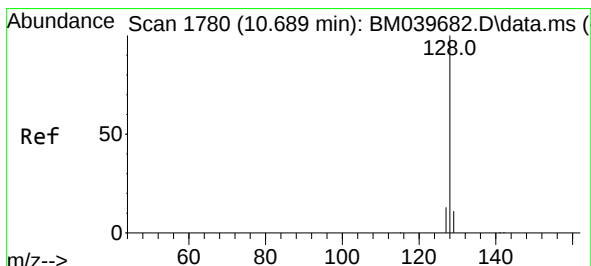
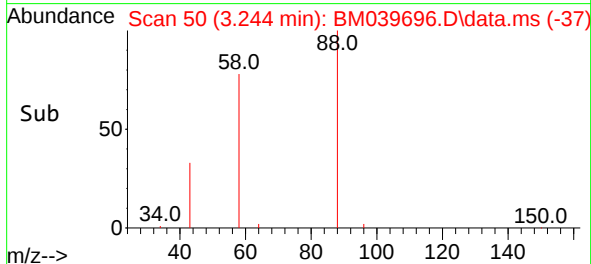
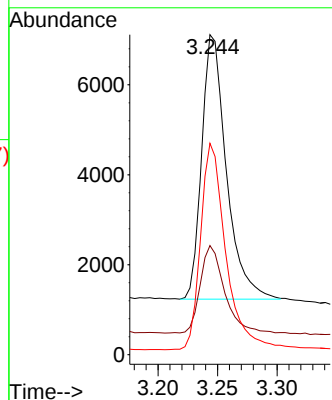
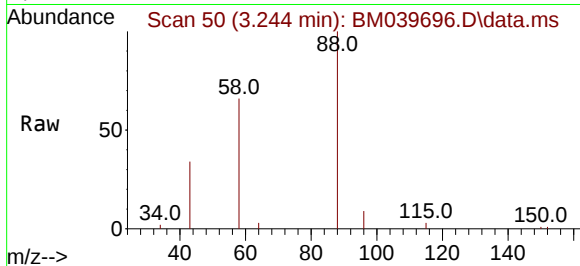




#2
1,4-Dioxane
Concen: 2.023 ng/ul
RT: 3.244 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

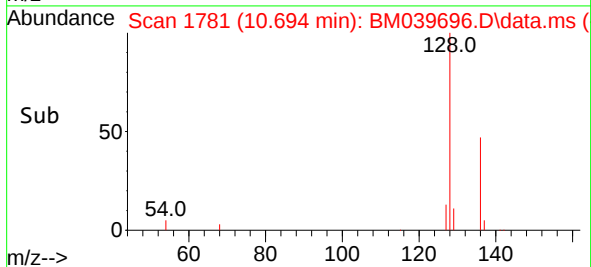
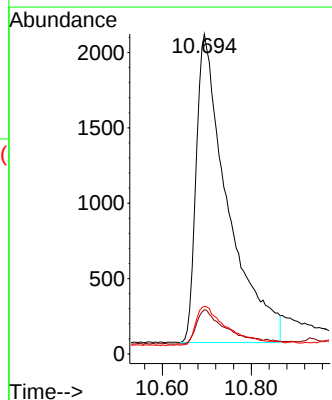
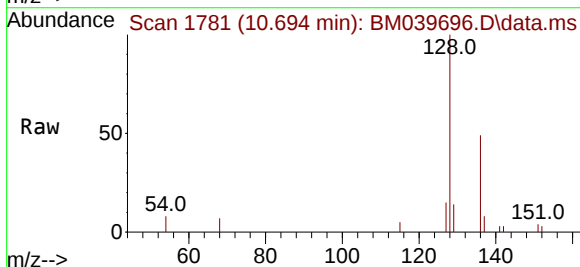
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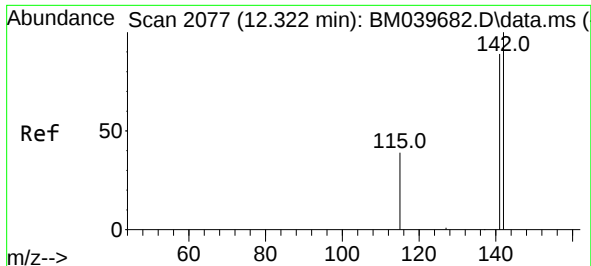
Tgt Ion: 88 Resp: 8490
Ion Ratio Lower Upper
88 100
43 34.1 30.6 45.8
58 66.1 34.1 51.1#



#5
Naphthalene
Concen: 0.374 ng/ul
RT: 10.694 min Scan# 1781
Delta R.T. 0.011 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

Tgt Ion: 128 Resp: 10035
Ion Ratio Lower Upper
128 100
129 13.8 10.1 15.1
127 14.9 11.0 16.4

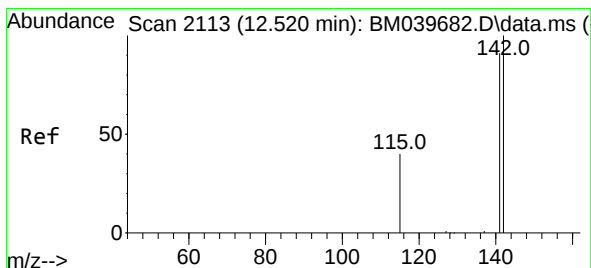
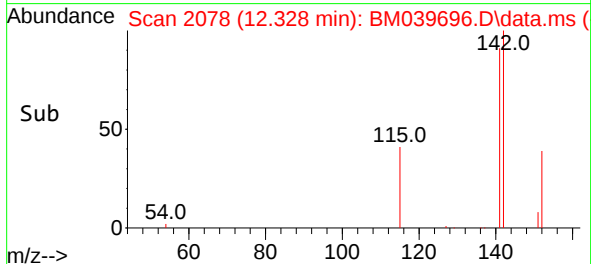
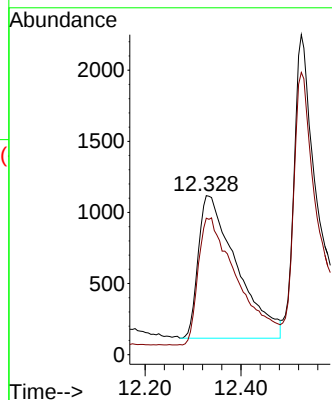
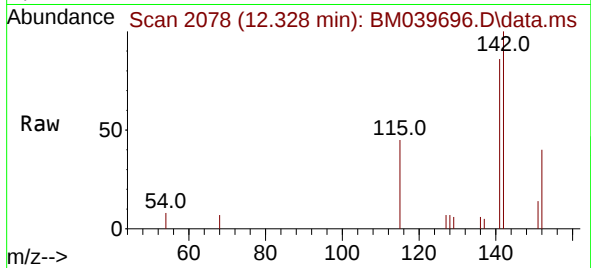




#7
2-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.328 min Scan# 2077
Delta R.T. 0.017 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

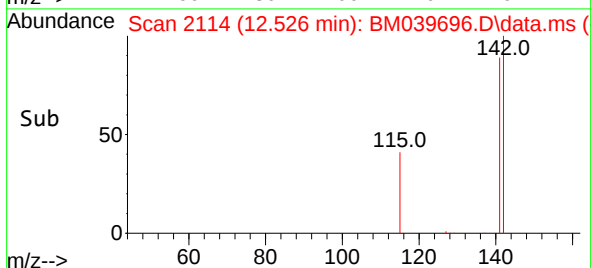
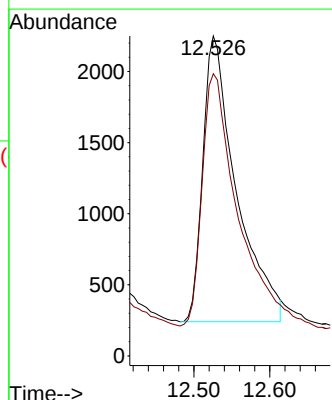
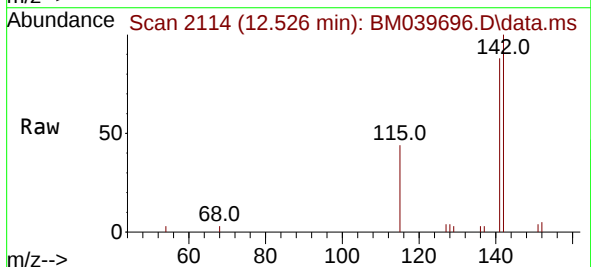
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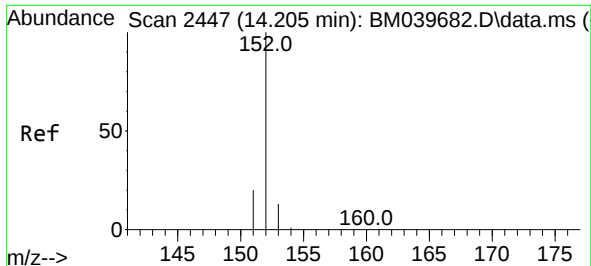
Tgt Ion:142 Resp: 5580
Ion Ratio Lower Upper
142 100
141 92.9 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.526 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

Tgt Ion:142 Resp: 6154
Ion Ratio Lower Upper
142 100
141 91.8 72.6 109.0

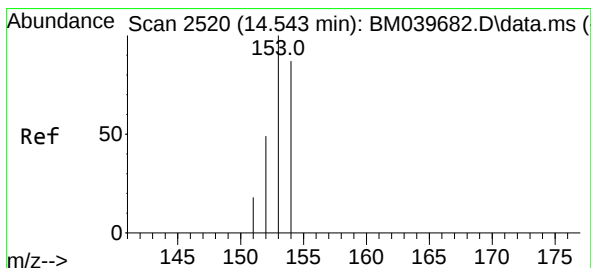
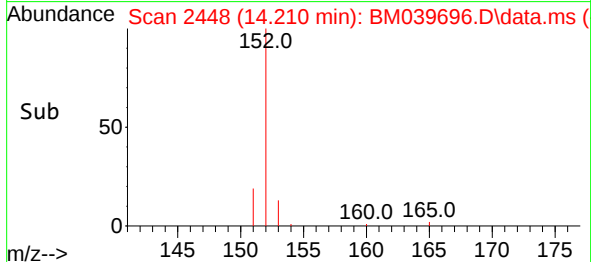
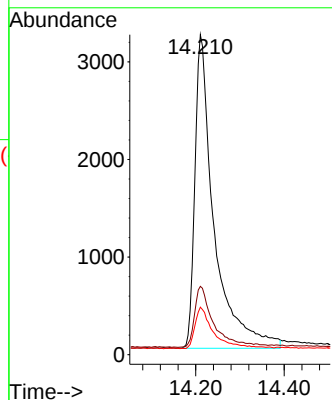
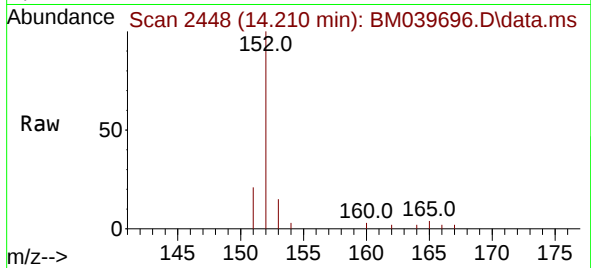




#10
Acenaphthylene
Concen: 0.383 ng/ul
RT: 14.210 min Scan# 2448
Delta R.T. 0.005 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

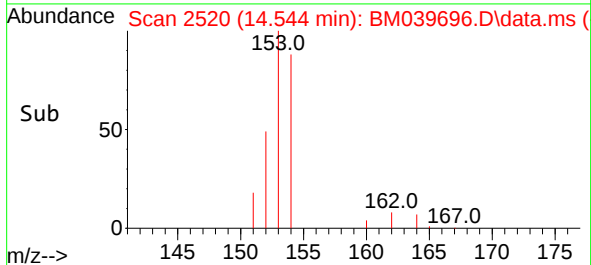
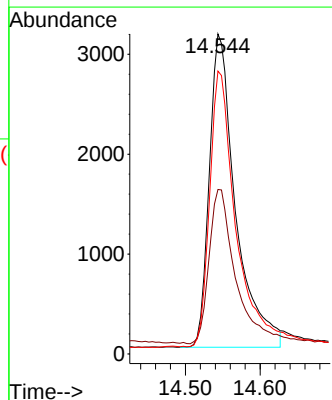
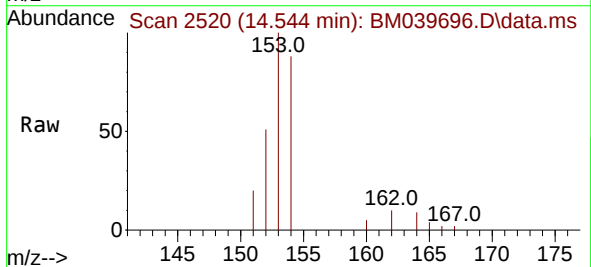
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ClientSampleId :
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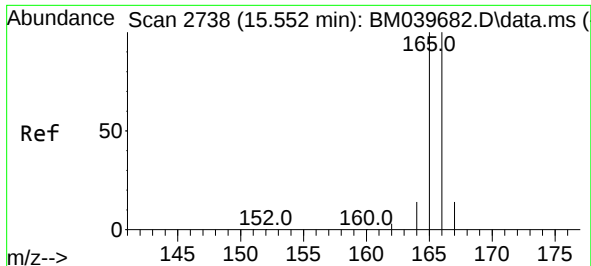
Tgt Ion:152 Resp: 9669
Ion Ratio Lower Upper
152 100
151 21.4 16.2 24.4
153 14.9 11.6 17.4



#11
Acenaphthene
Concen: 0.385 ng/ul
RT: 14.544 min Scan# 2520
Delta R.T. 0.005 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

Tgt Ion:153 Resp: 7648
Ion Ratio Lower Upper
153 100
152 51.4 40.3 60.5
154 88.4 71.5 107.3

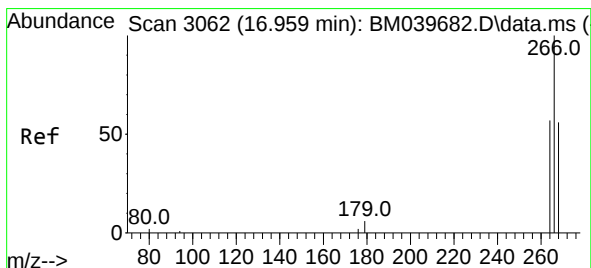
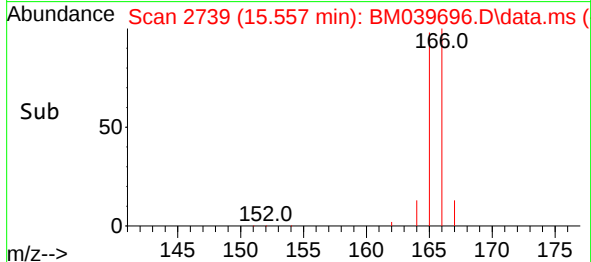
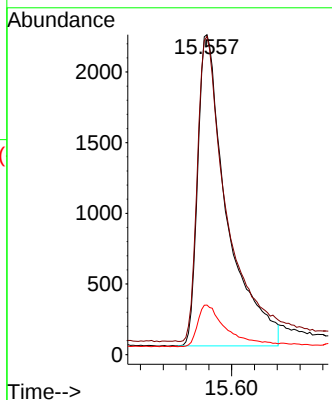
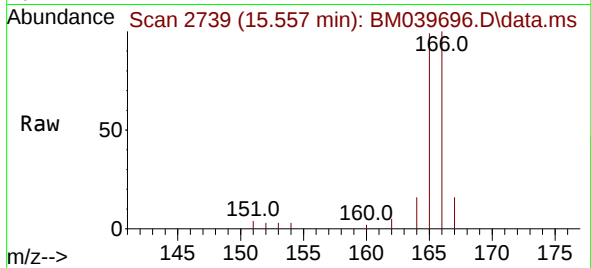




#12
Fluorene
Concen: 0.394 ng/ul
RT: 15.557 min Scan# 21
Delta R.T. 0.014 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

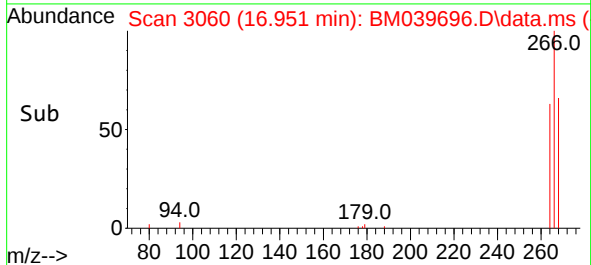
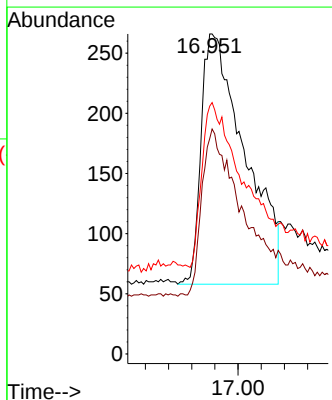
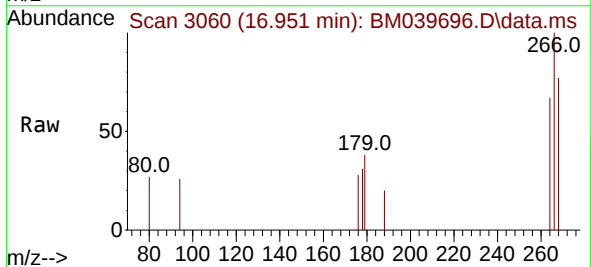
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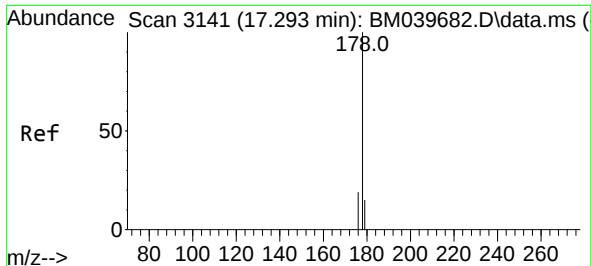
Tgt Ion:166 Resp: 7803
Ion Ratio Lower Upper
166 100
165 99.5 77.8 116.8
167 15.5 11.8 17.6



#14
Pentachlorophenol
Concen: 0.469 ng/ul
RT: 16.951 min Scan# 3060
Delta R.T. 0.000 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

Tgt Ion:266 Resp: 1090
Ion Ratio Lower Upper
266 100
264 62.5 39.6 59.4#
268 63.5 42.4 63.6

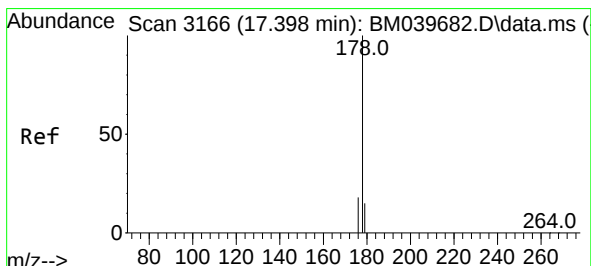
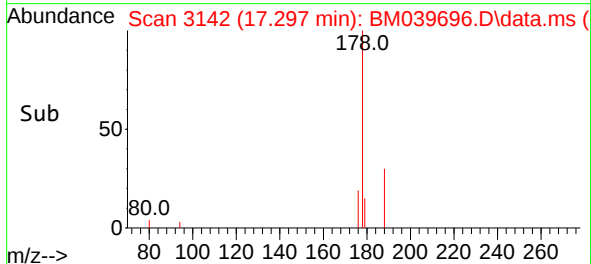
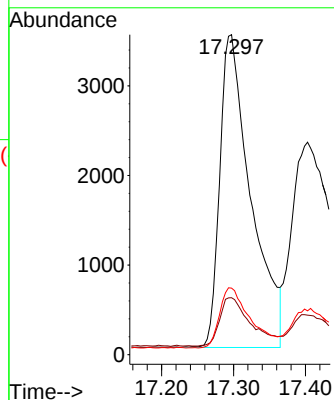
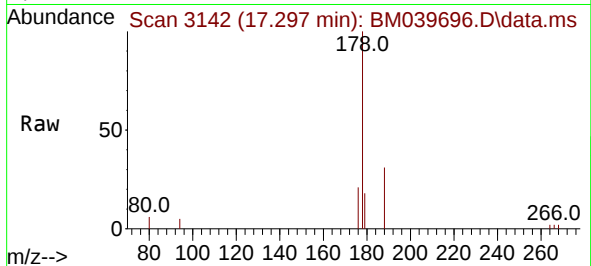




#15
Phenanthrene
Concen: 0.387 ng/ul
RT: 17.297 min Scan# 3141
Delta R.T. 0.009 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

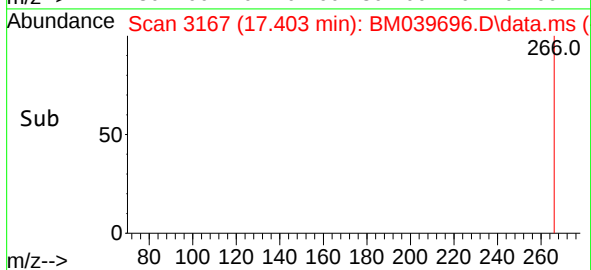
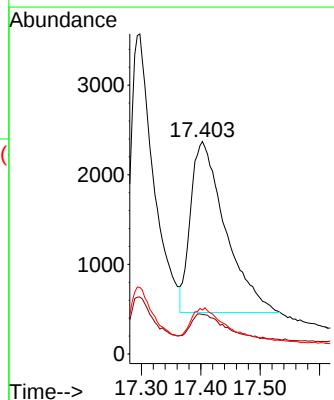
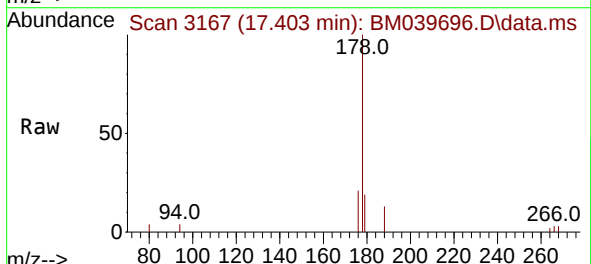
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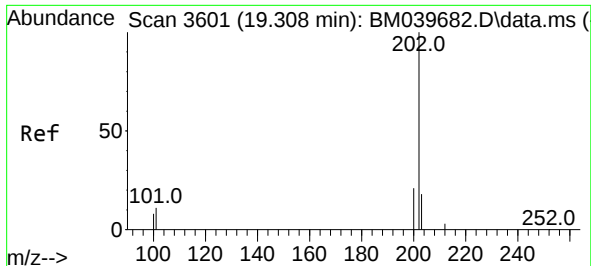
Tgt Ion:178 Resp: 10462
Ion Ratio Lower Upper
178 100
179 17.8 13.4 20.2
176 20.8 15.8 23.6



#16
Anthracene
Concen: 0.378 ng/ul
RT: 17.403 min Scan# 3167
Delta R.T. 0.013 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

Tgt Ion:178 Resp: 7784
Ion Ratio Lower Upper
178 100
179 18.6 14.6 21.8
176 20.7 16.6 24.8

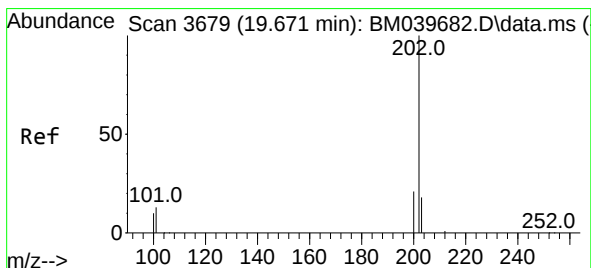
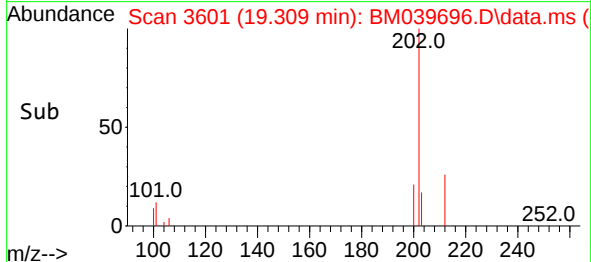
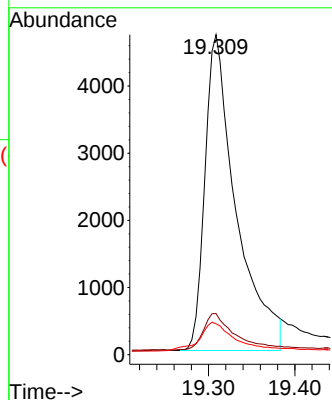
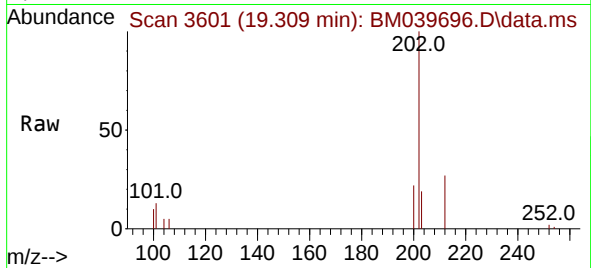




#19
Fluoranthene
Concen: 0.374 ng/ul
RT: 19.309 min Scan# 3601
Delta R.T. 0.005 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

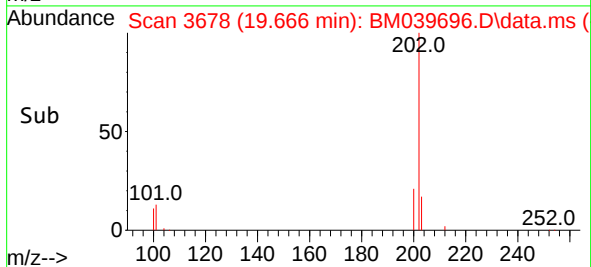
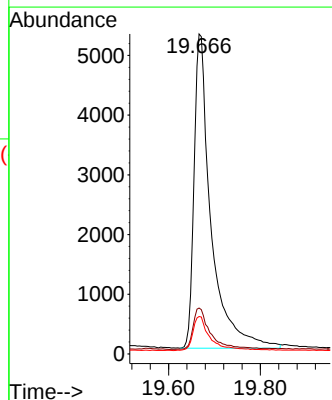
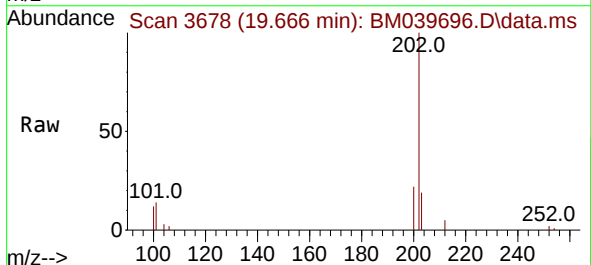
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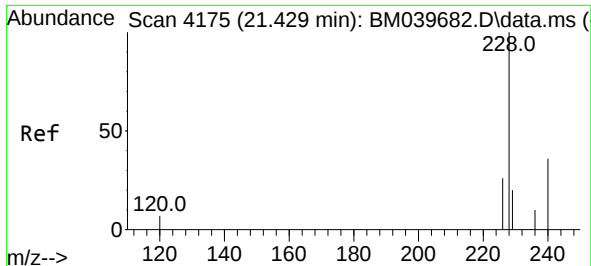
Tgt Ion:202 Resp: 11822
Ion Ratio Lower Upper
202 100
101 12.8 9.7 14.5
100 9.6 7.4 11.0



#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.666 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

Tgt Ion:202 Resp: 13506
Ion Ratio Lower Upper
202 100
101 14.3 11.1 16.7
100 11.7 8.8 13.2

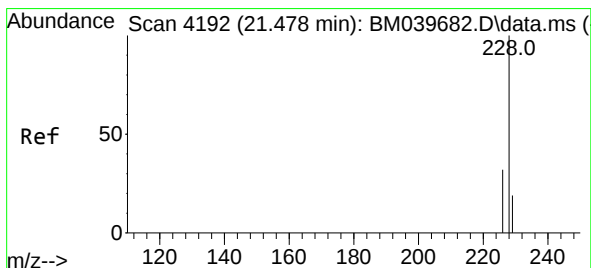
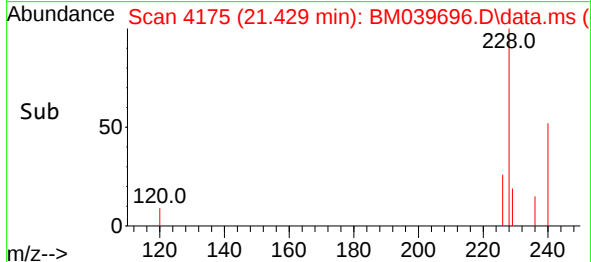
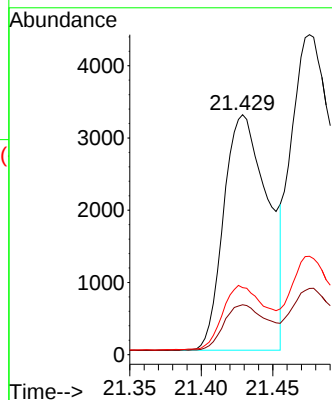
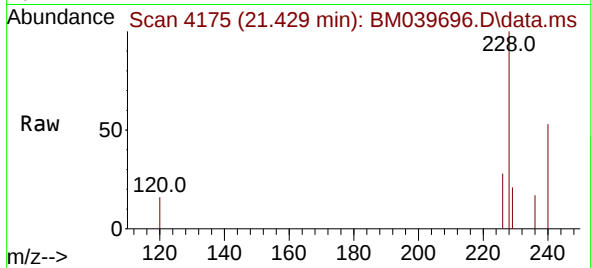




#21
Benzo(a)anthracene
Concen: 0.398 ng/ul
RT: 21.429 min Scan# 4175
Delta R.T. 0.000 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

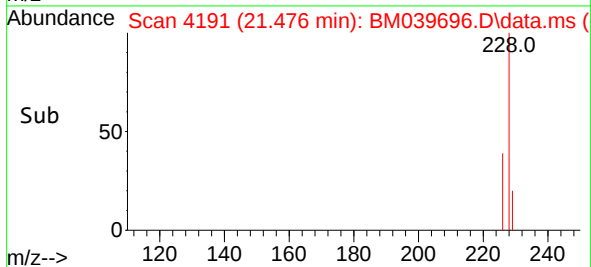
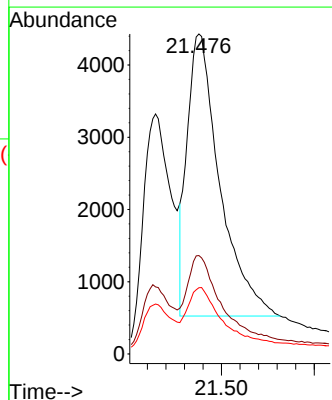
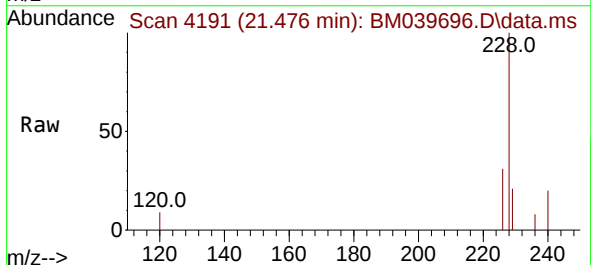
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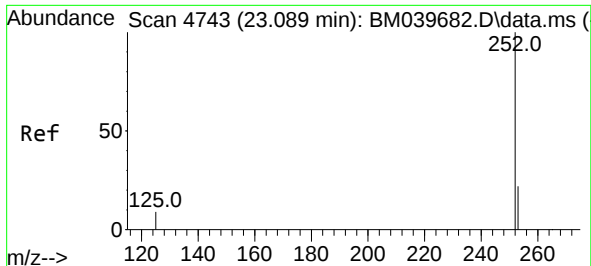
Tgt Ion:228 Resp: 7019
Ion Ratio Lower Upper
228 100
229 20.8 16.6 24.8
226 28.0 22.6 34.0



#22
Chrysene
Concen: 0.441 ng/ul
RT: 21.476 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

Tgt Ion:228 Resp: 9521
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 20.7 16.2 24.4

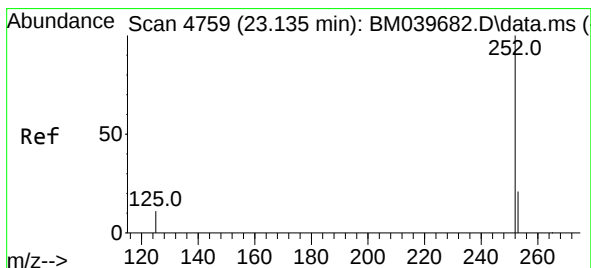
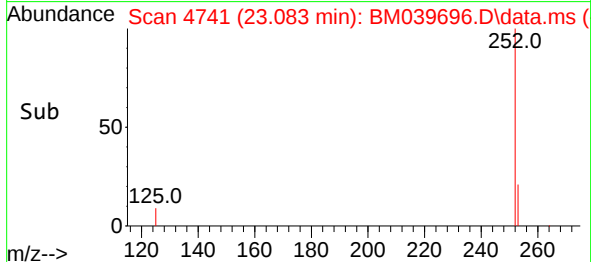
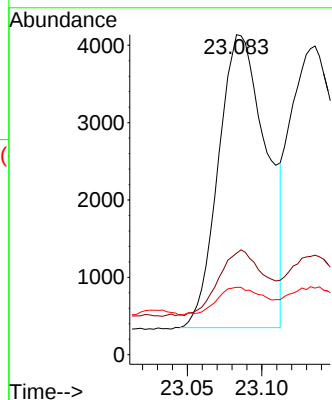
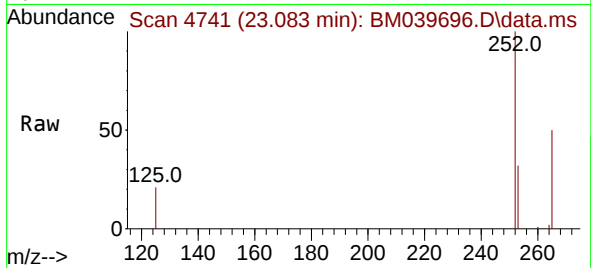




#24
Benzo(b)fluoranthene
Concen: 0.426 ng/ul
RT: 23.083 min Scan# 4741
Delta R.T. -0.006 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

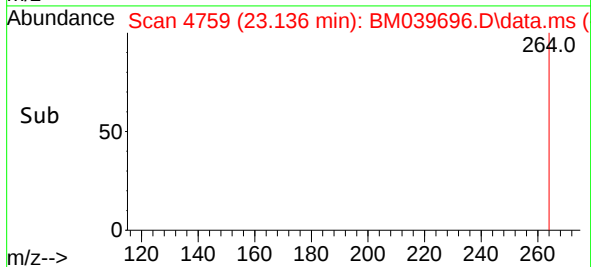
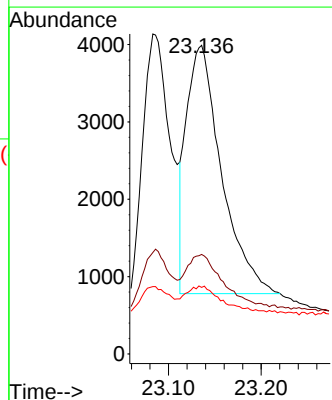
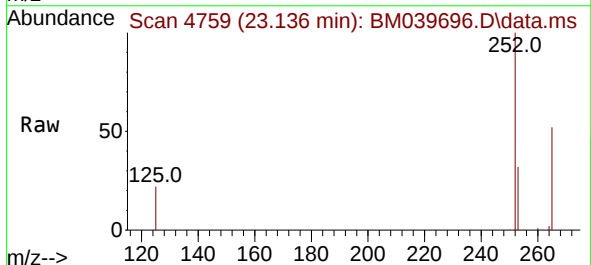
Instrument :
BNA_M
ClientSampleId :
SLCS427

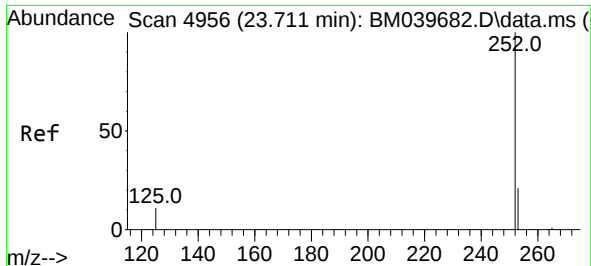
Tgt Ion:252	Resp:	8451
Ion Ratio	Lower	Upper
252	100	
253	31.7	0.0 64.4
125	21.1	0.0 50.4



#25
Benzo(k)fluoranthene
Concen: 0.446 ng/ul
RT: 23.136 min Scan# 4759
Delta R.T. 0.000 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

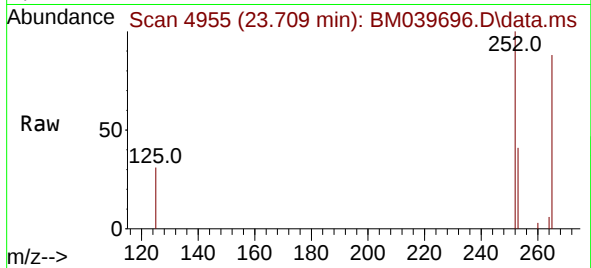
Tgt Ion:252	Resp:	8439
Ion Ratio	Lower	Upper
252	100	
253	32.2	25.5 38.3
125	21.6	20.4 30.6



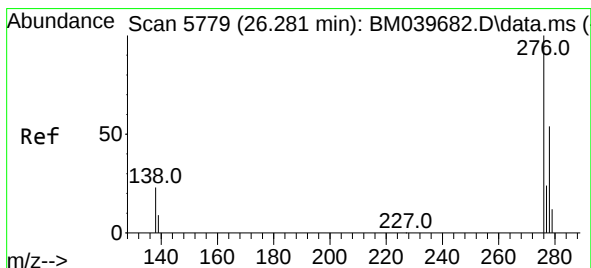
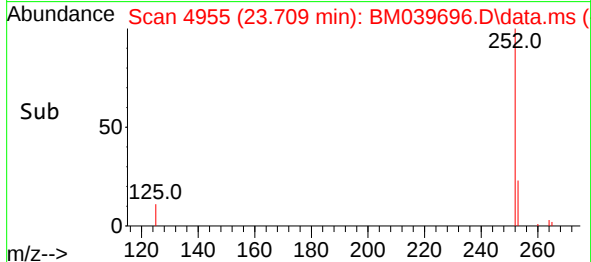
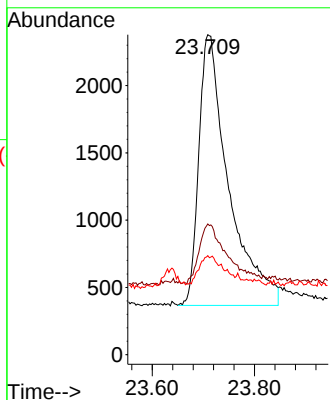


#26
Benzo(a)pyrene
Concen: 0.407 ng/ul
RT: 23.709 min Scan# 4956
Delta R.T. -0.003 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

Instrument :
BNA_M
ClientSampleId :
SLCS427

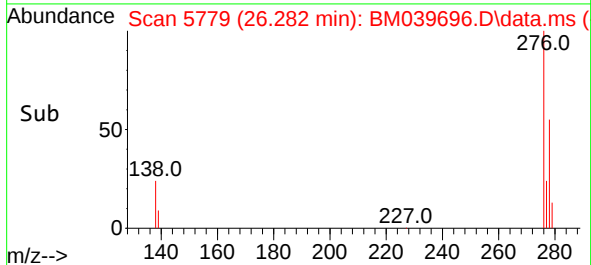
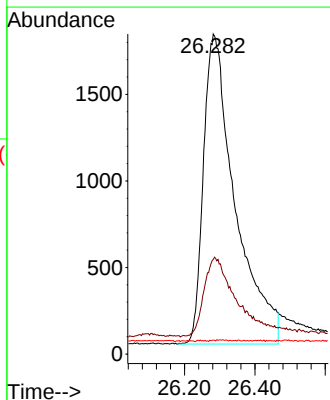
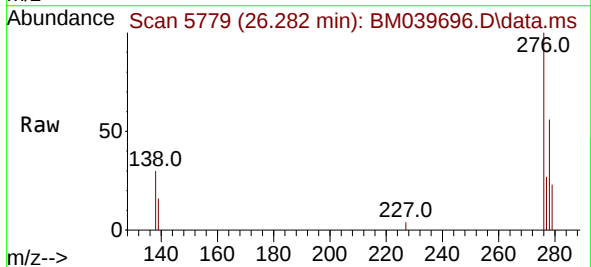


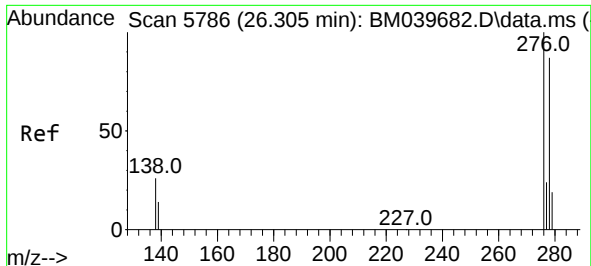
Tgt Ion:252 Resp: 8136
Ion Ratio Lower Upper
252 100
253 40.9 31.0 46.4
125 31.0 28.2 42.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.444 ng/ul
RT: 26.282 min Scan# 5779
Delta R.T. 0.000 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

Tgt Ion:276 Resp: 11180
Ion Ratio Lower Upper
276 100
138 25.8 21.4 32.0
227 0.1 0.1 0.1

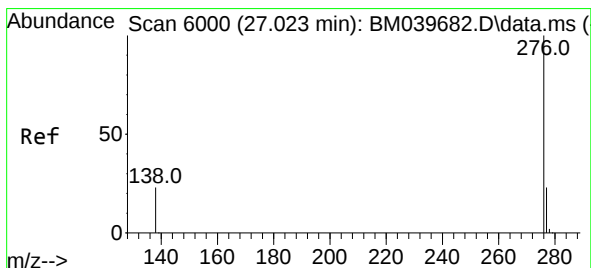
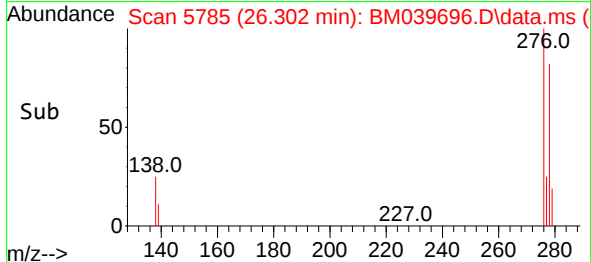
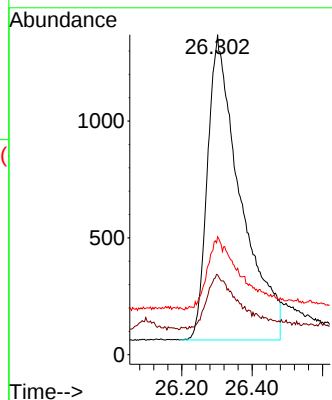
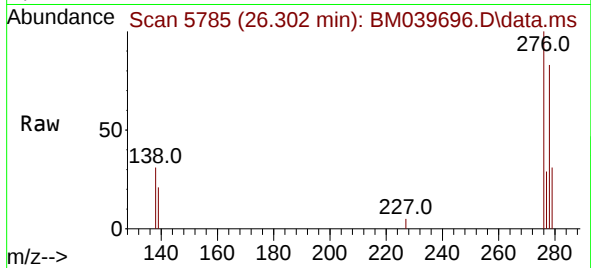




#28
Dibenzo(a,h)anthracene
Concen: 0.479 ng/ul
RT: 26.302 min Scan# 51
Delta R.T. 0.004 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

Instrument :
BNA_M
ClientSampleId :
SLCS427

Tgt Ion:278 Resp: 8458
Ion Ratio Lower Upper
278 100
139 25.0 21.8 32.6
279 36.9 30.0 45.0



#29
Benzo(g,h,i)perylene
Concen: 0.428 ng/ul
RT: 27.019 min Scan# 5999
Delta R.T. -0.003 min
Lab File: BM039696.D
Acq: 27 Apr 2023 01:44

Tgt Ion:276 Resp: 10347
Ion Ratio Lower Upper
276 100
138 26.1 22.2 33.2
277 26.7 21.2 31.8

