

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051723\
 Data File : BM039944.D
 Acq On : 17 May 2023 17:46
 Operator : CG/JU
 Sample : PB152823BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS823

Quant Time: May 18 03:14:24 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 17 01:47:11 2023
 Response via : Initial Calibration

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

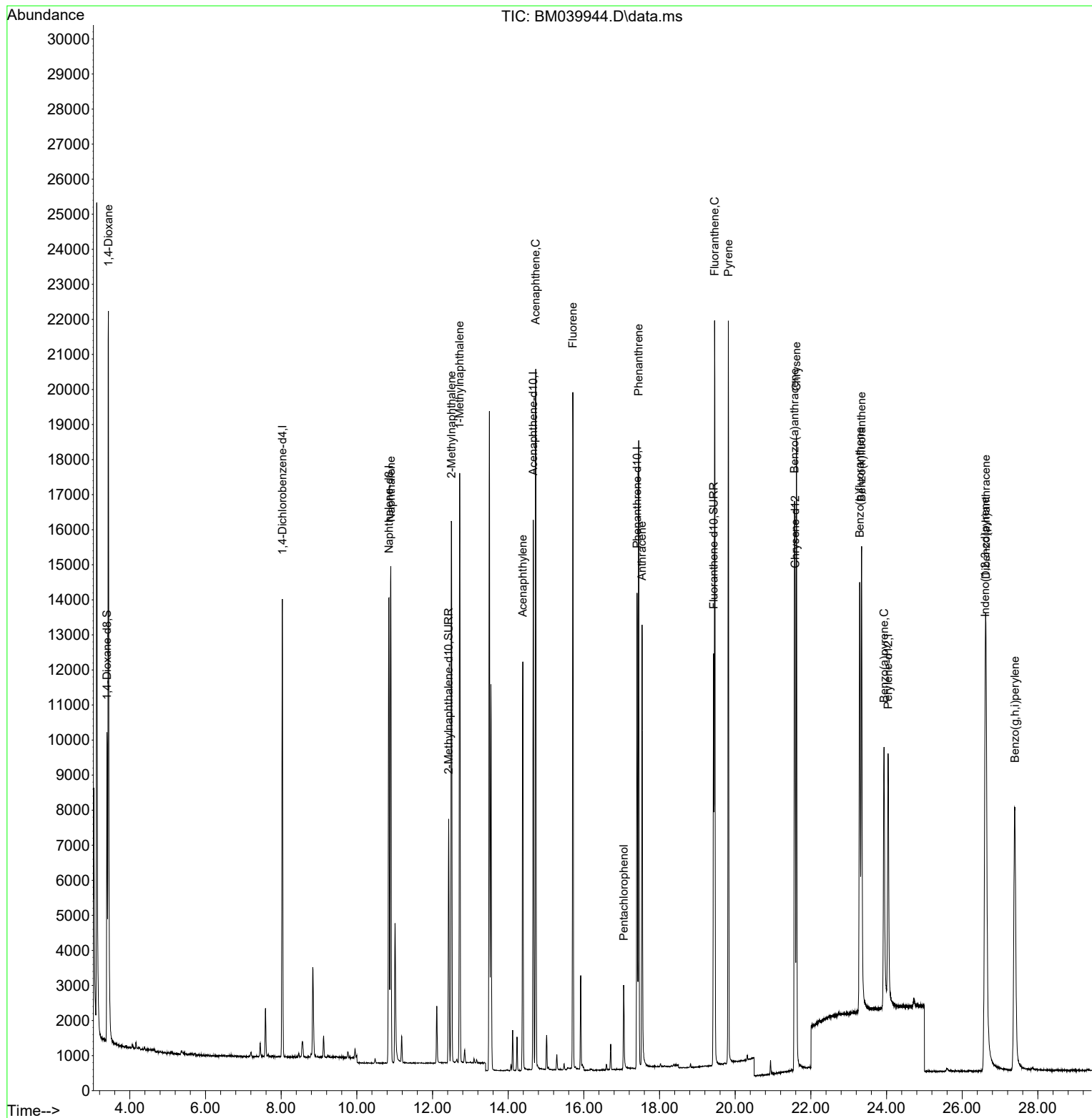
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.031	152	6282	0.400	ng/ul	0.00
4) Naphthalene-d8	10.848	136	17983	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.663	164	7796	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.407	188	15318	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	9654	0.400	ng/ul	0.00
23) Perylene-d12	24.042	264	10661	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	6246	0.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.426	152	8735	0.411	ng/ul	0.00
18) Fluoranthene-d10	19.429	212	11721	0.445	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.433	88	15651	1.889	ng/ul	94
5) Naphthalene	10.897	128	19206	0.412	ng/ul	100
7) 2-Methylnaphthalene	12.503	142	10629	0.392	ng/ul	100
8) 1-Methylnaphthalene	12.718	142	10862	0.382	ng/ul	100
10) Acenaphthylene	14.386	152	12788	0.398	ng/ul	100
11) Acenaphthene	14.728	153	10985	0.412	ng/ul	99
12) Fluorene	15.709	166	11545	0.407	ng/ul	98
14) Pentachlorophenol	17.052	266	1754	0.642	ng/ul	98
15) Phenanthrene	17.449	178	18028	0.404	ng/ul	100
16) Anthracene	17.537	178	14026	0.385	ng/ul	99
19) Fluoranthene	19.457	202	17216	0.434	ng/ul	97
20) Pyrene	19.819	202	16827	0.428	ng/ul	100
21) Benzo(a)anthracene	21.566	228	12479	0.428	ng/ul	99
22) Chrysene	21.618	228	16036	0.459	ng/ul	100
24) Benzo(b)fluoranthene	23.290	252	17056	0.449	ng/ul	99
25) Benzo(k)fluoranthene	23.340	252	18345	0.438	ng/ul	98
26) Benzo(a)pyrene	23.933	252	13508	0.424	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.607	276	20945	0.458	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.627	278	17104	0.465	ng/ul	98
29) Benzo(g,h,i)perylene	27.391	276	18838	0.465	ng/ul	99

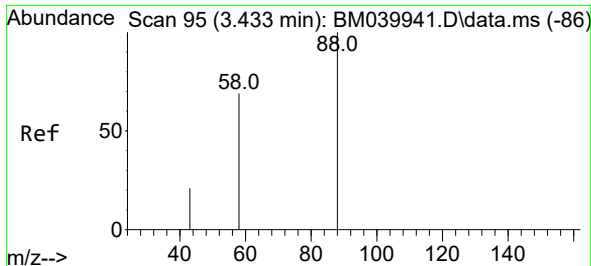
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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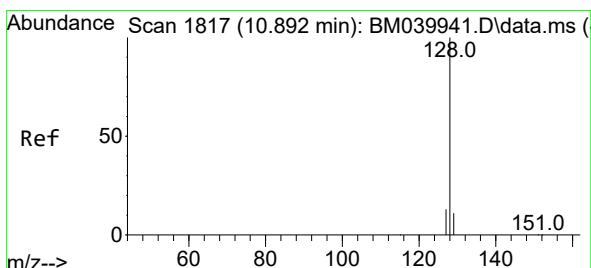
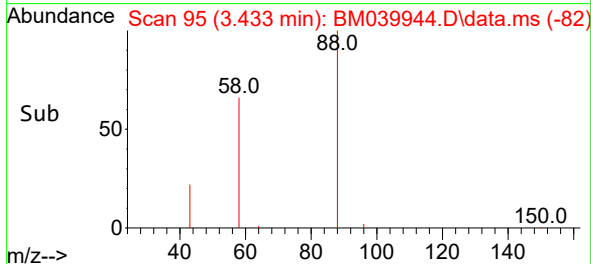
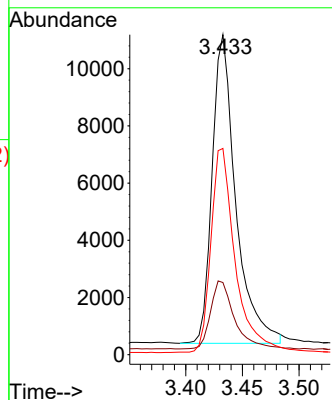
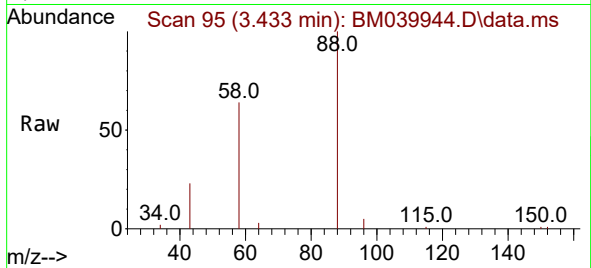




#2
1,4-Dioxane
Concen: 1.889 ng/ul
RT: 3.433 min Scan# 91
Delta R.T. -0.004 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

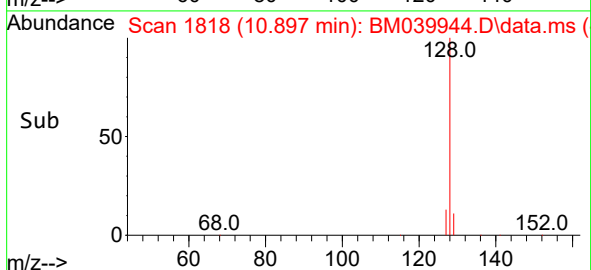
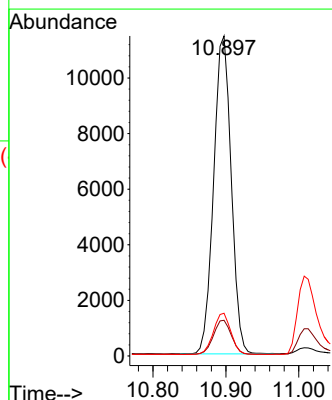
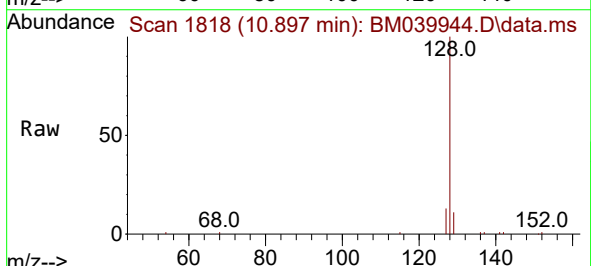
Instrument :
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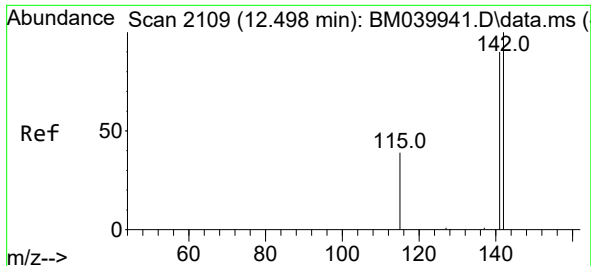
Tgt Ion: 88 Resp: 15651
Ion Ratio Lower Upper
88 100
43 22.5 20.1 30.1
58 64.5 47.4 71.2



#5
Naphthalene
Concen: 0.412 ng/ul
RT: 10.897 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion: 128 Resp: 19206
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.3 10.5 15.7

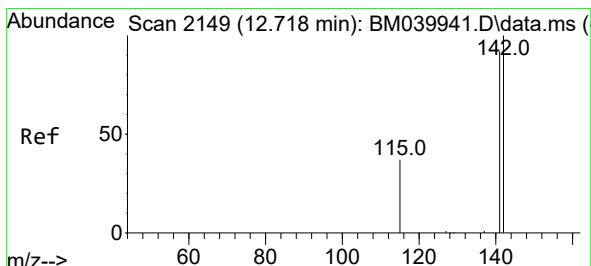
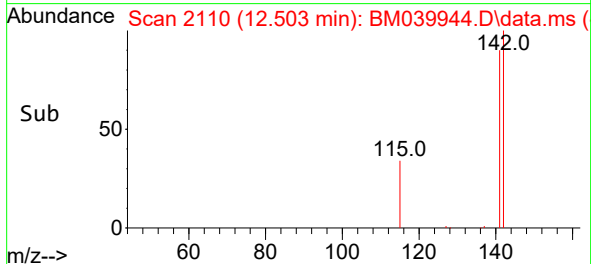
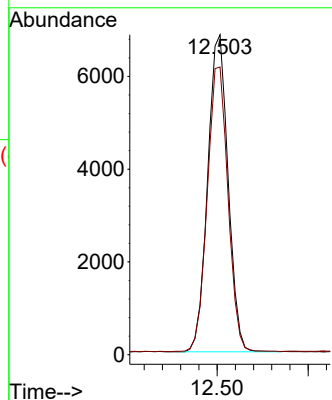
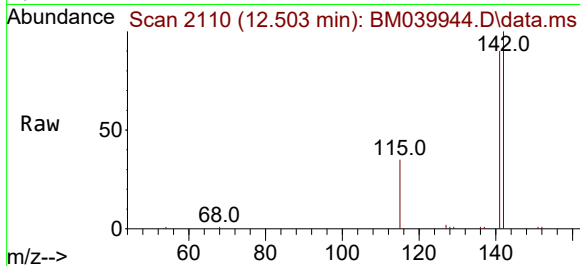




#7
2-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.503 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

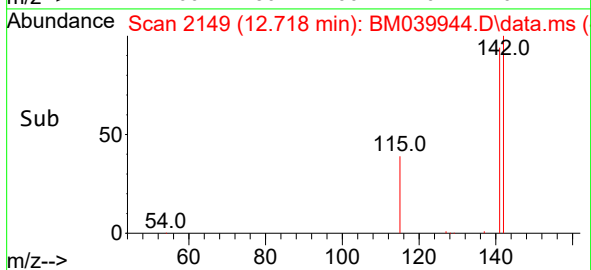
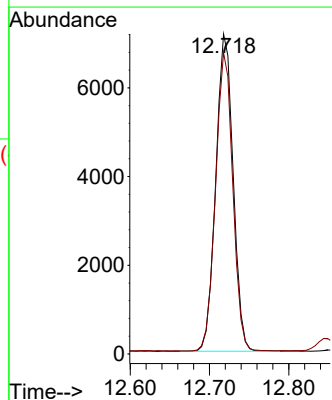
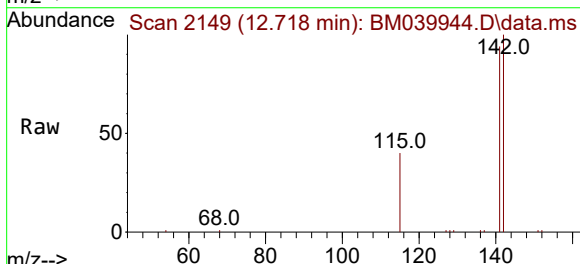
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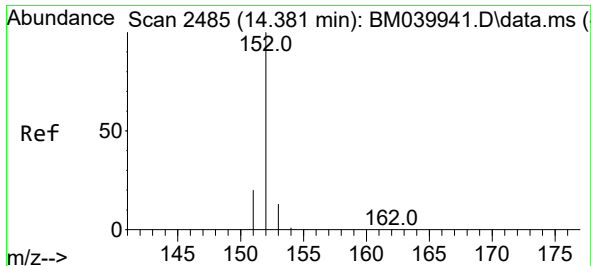
Tgt Ion:142 Resp: 10629
Ion Ratio Lower Upper
142 100
141 91.2 72.7 109.1



#8
1-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.718 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion:142 Resp: 10862
Ion Ratio Lower Upper
142 100
141 93.3 74.6 112.0

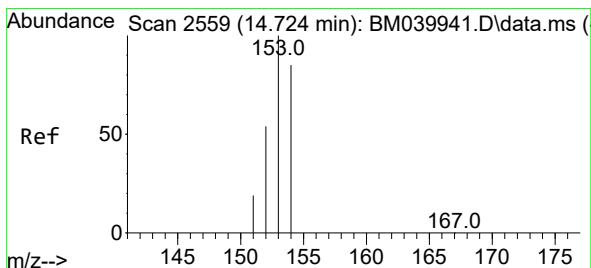
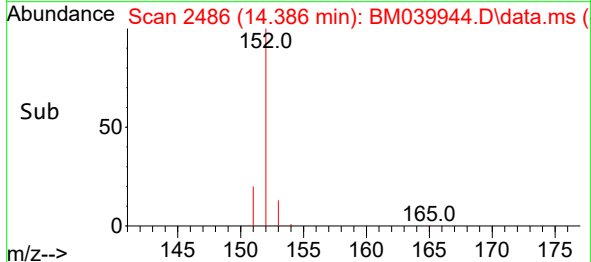
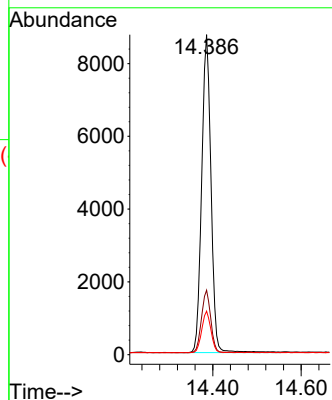
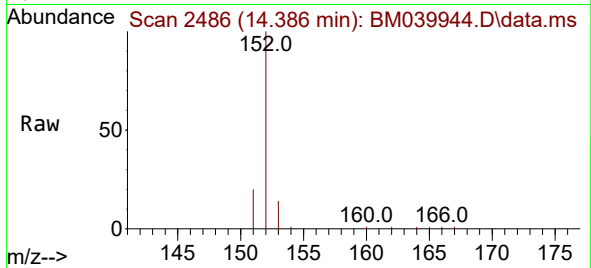




#10
Acenaphthylene
Concen: 0.398 ng/ul
RT: 14.386 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

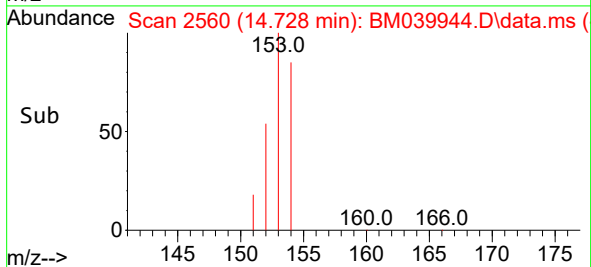
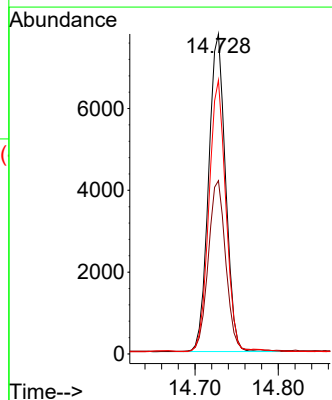
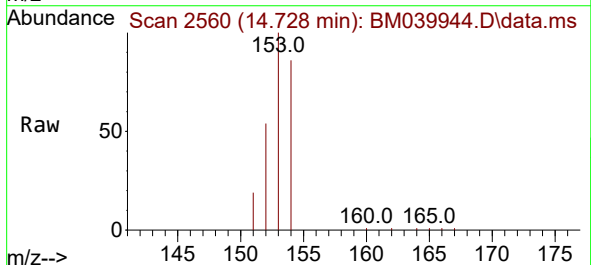
Instrument :
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ClientSampleId :
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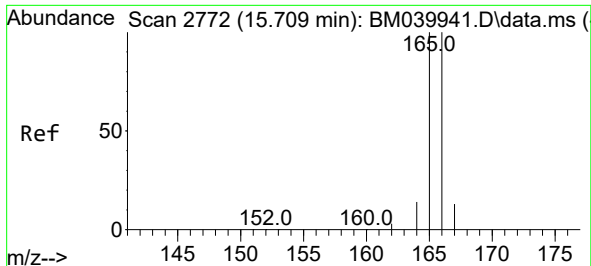
Tgt Ion:152	Resp:	12788
Ion Ratio	Lower	Upper
152	100	
151	20.2	16.4 24.6
153	13.6	10.9 16.3



#11
Acenaphthene
Concen: 0.412 ng/ul
RT: 14.728 min Scan# 2560
Delta R.T. -0.000 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion:153	Resp:	10985
Ion Ratio	Lower	Upper
153	100	
152	54.1	43.1 64.7
154	85.5	67.8 101.6

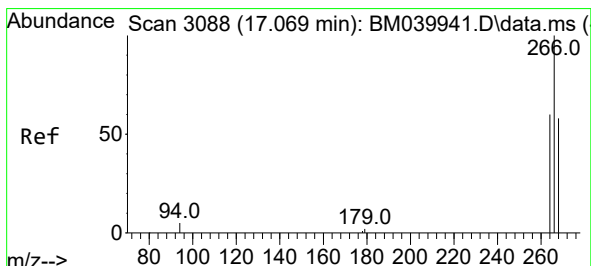
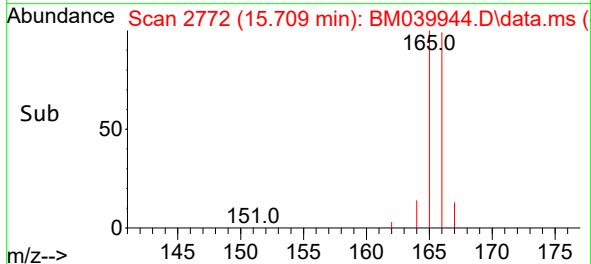
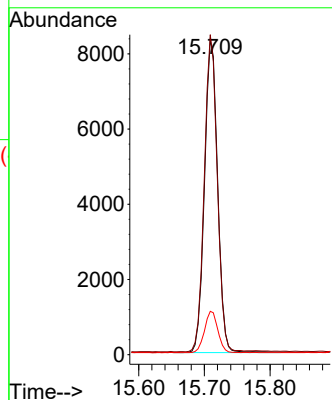
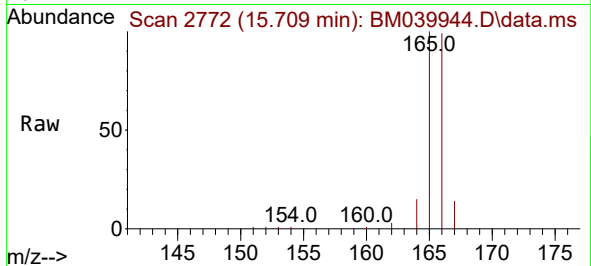




#12
Fluorene
Concen: 0.407 ng/ul
RT: 15.709 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

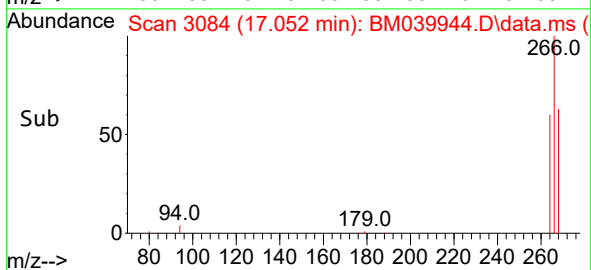
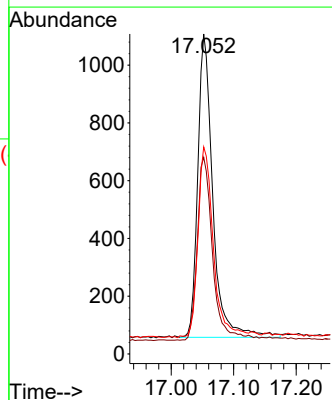
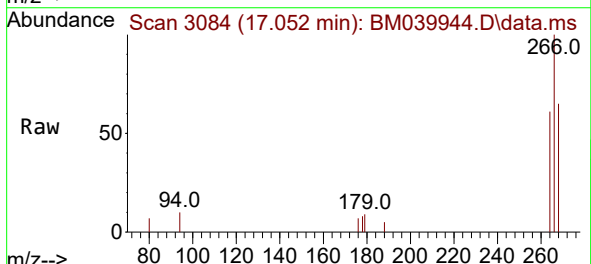
Instrument :
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ClientSampleId :
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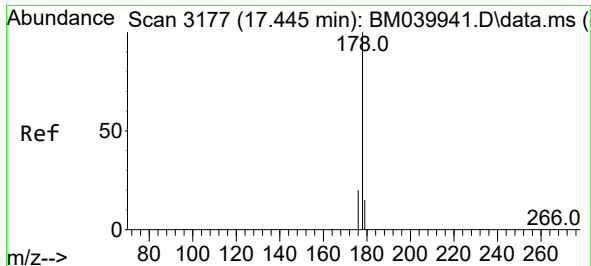
Tgt Ion:166 Resp: 11545
Ion Ratio Lower Upper
166 100
165 101.5 79.3 118.9
167 13.8 11.3 16.9



#14
Pentachlorophenol
Concen: 0.642 ng/ul
RT: 17.052 min Scan# 3084
Delta R.T. -0.009 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion:266 Resp: 1754
Ion Ratio Lower Upper
266 100
264 62.5 48.9 73.3
268 65.5 51.5 77.3

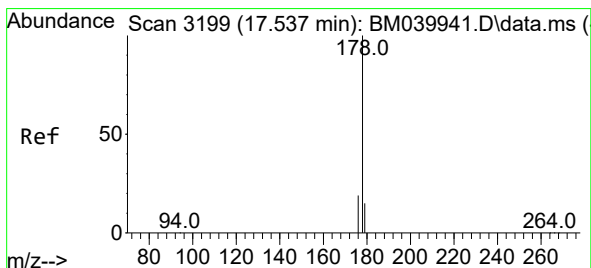
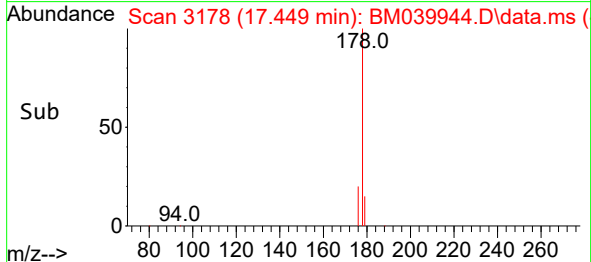
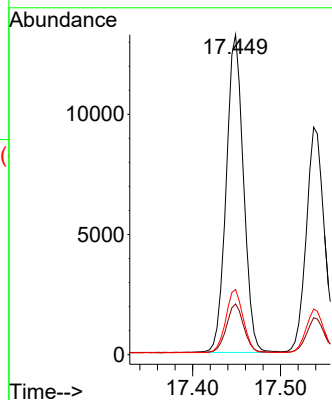
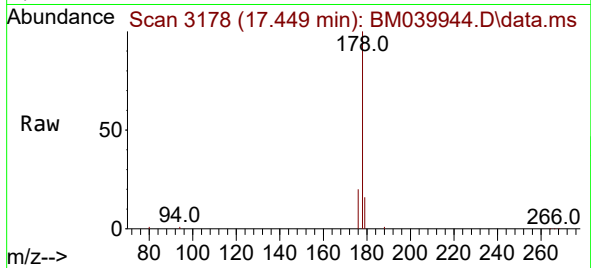




#15
Phenanthrene
Concen: 0.404 ng/ul
RT: 17.449 min Scan# 3178
Delta R.T. -0.000 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

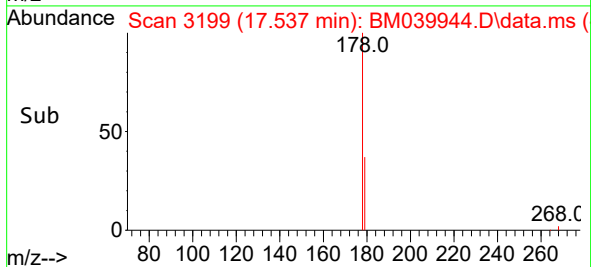
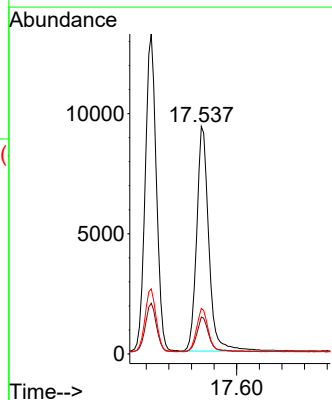
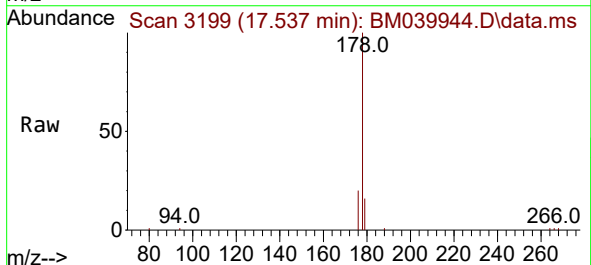
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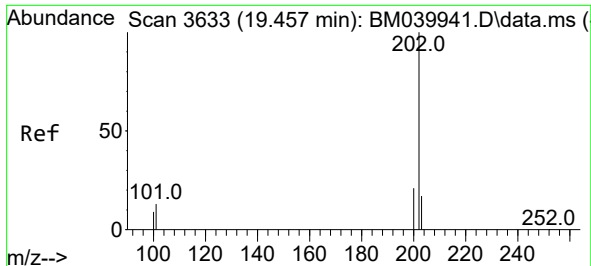
Tgt Ion:178 Resp: 18028
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 20.3 16.3 24.5



#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.537 min Scan# 3199
Delta R.T. -0.004 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion:178 Resp: 14026
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 20.1 15.4 23.2

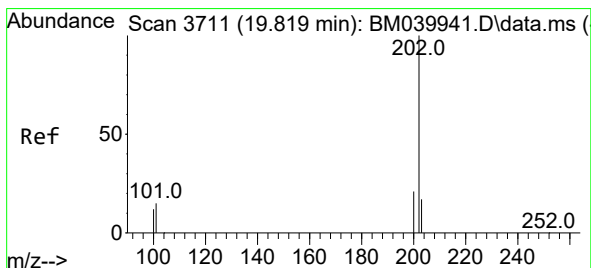
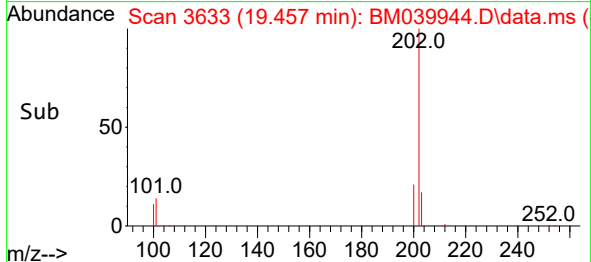
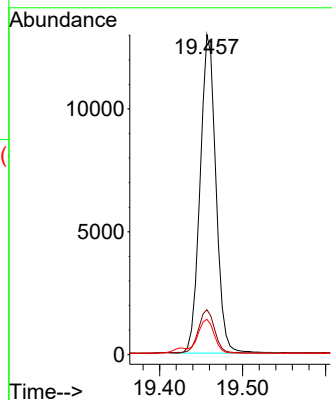
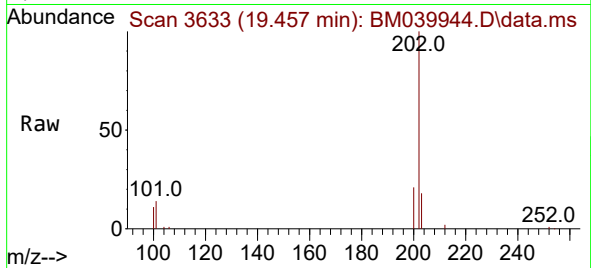




#19
Fluoranthene
Concen: 0.434 ng/ul
RT: 19.457 min Scan# 3633
Delta R.T. -0.005 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

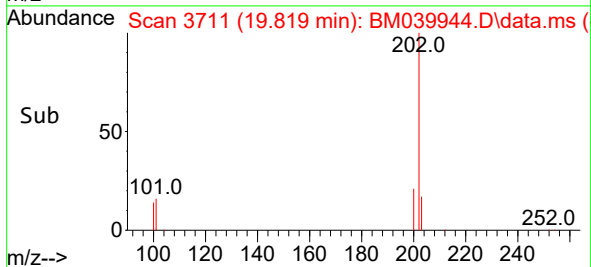
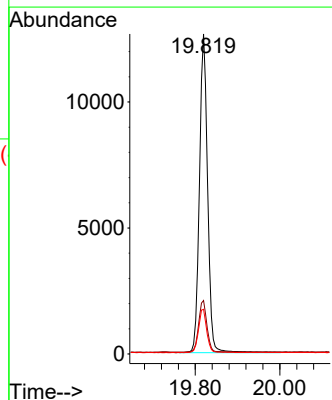
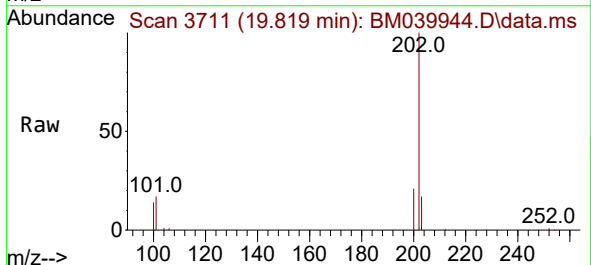
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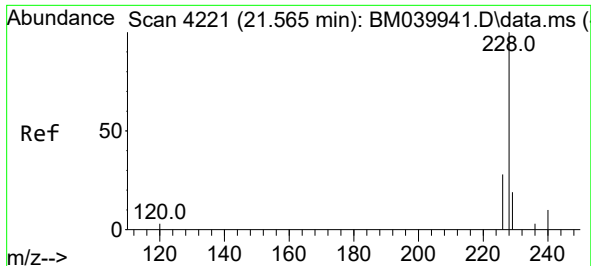
Tgt Ion:202 Resp: 17216
Ion Ratio Lower Upper
202 100
101 14.0 10.4 15.6
100 11.0 7.8 11.6



#20
Pyrene
Concen: 0.428 ng/ul
RT: 19.819 min Scan# 3711
Delta R.T. -0.000 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion:202 Resp: 16827
Ion Ratio Lower Upper
202 100
101 16.7 13.4 20.0
100 14.0 11.0 16.6

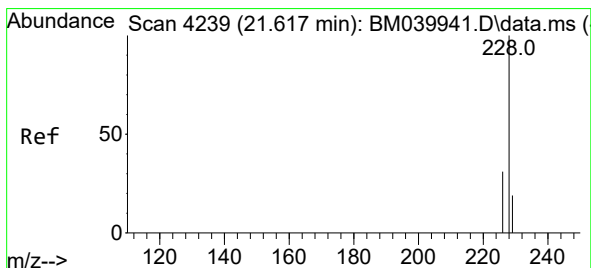
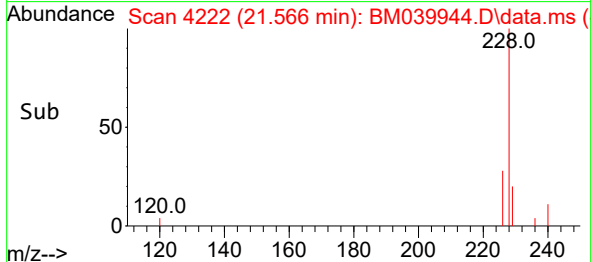
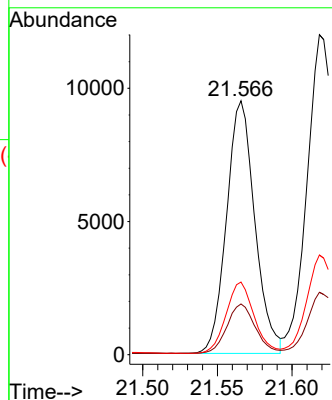
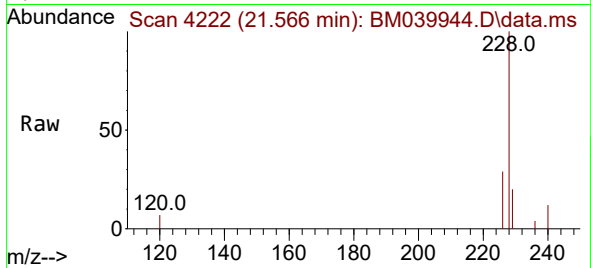




#21
Benzo(a)anthracene
Concen: 0.428 ng/ul
RT: 21.566 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

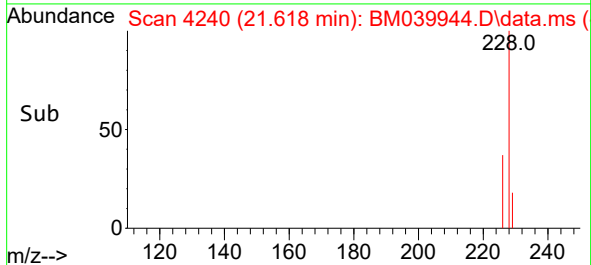
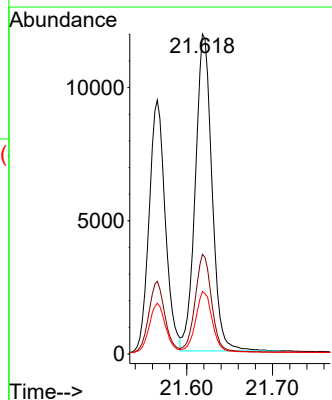
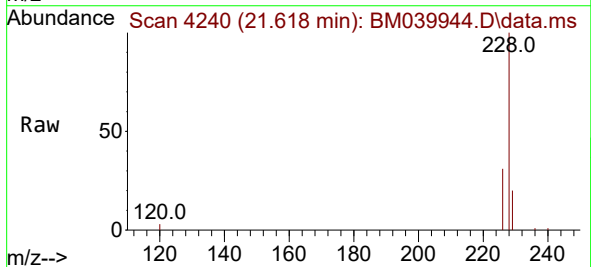
Instrument :
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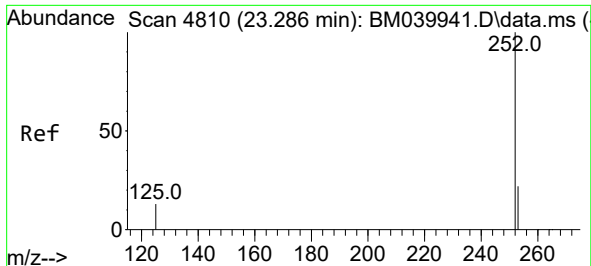
Tgt Ion:228 Resp: 12479
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 28.6 22.3 33.5



#22
Chrysene
Concen: 0.459 ng/ul
RT: 21.618 min Scan# 4240
Delta R.T. -0.003 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion:228 Resp: 16036
Ion Ratio Lower Upper
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226 31.1 24.7 37.1
229 19.5 15.6 23.4

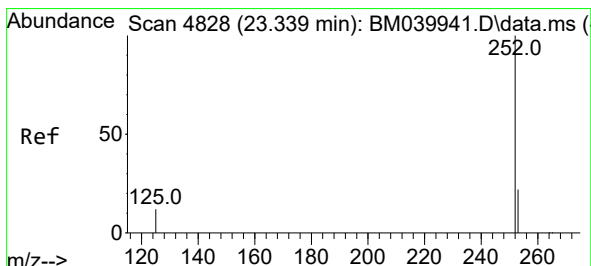
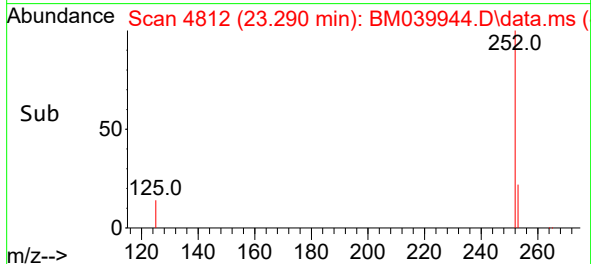
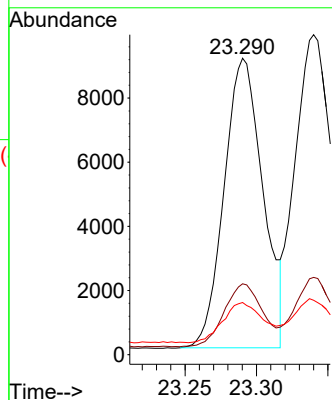
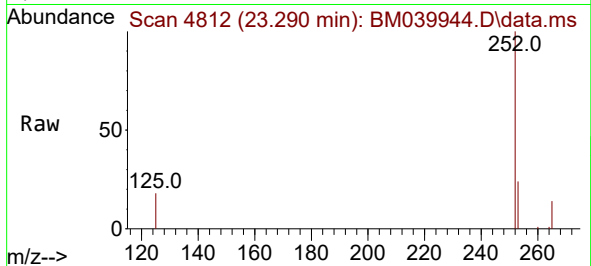




#24
Benzo(b)fluoranthene
Concen: 0.449 ng/ul
RT: 23.290 min Scan# 4812
Delta R.T. -0.003 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

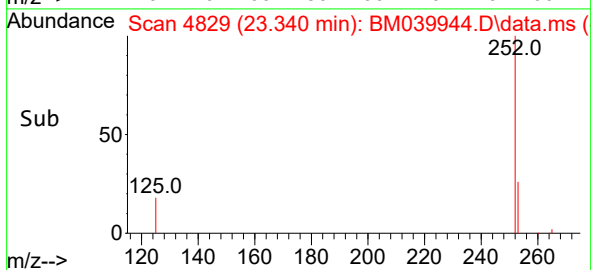
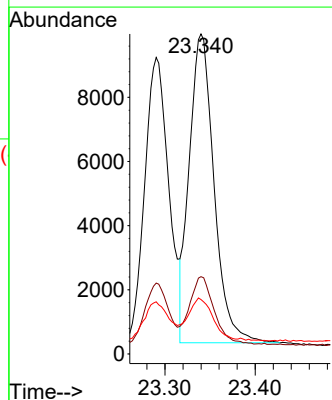
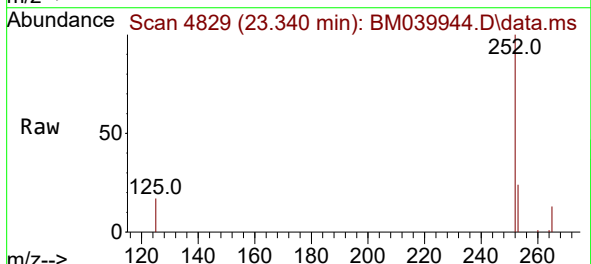
Instrument :
BNA_M
ClientSampleId :
SLCS823

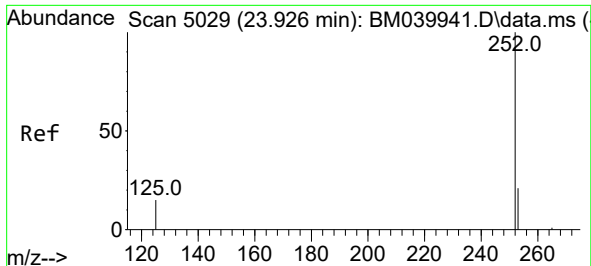
Tgt Ion:252 Resp: 17056
Ion Ratio Lower Upper
252 100
253 23.9 0.0 47.6
125 17.6 0.0 32.6



#25
Benzo(k)fluoranthene
Concen: 0.438 ng/ul
RT: 23.340 min Scan# 4829
Delta R.T. -0.003 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

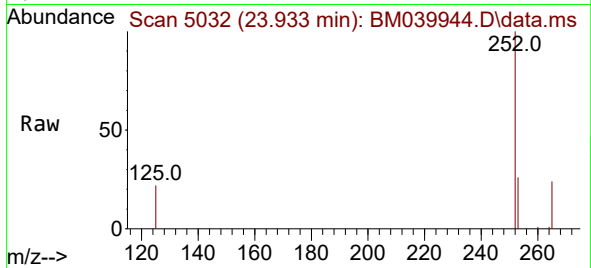
Tgt Ion:252 Resp: 18345
Ion Ratio Lower Upper
252 100
253 24.2 18.4 27.6
125 17.0 12.9 19.3



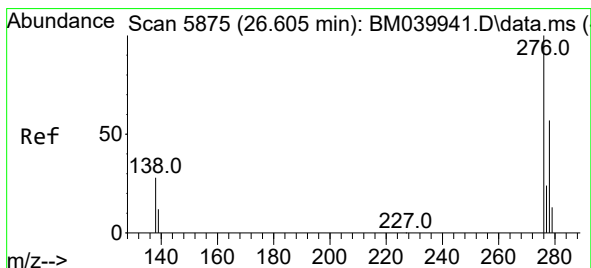
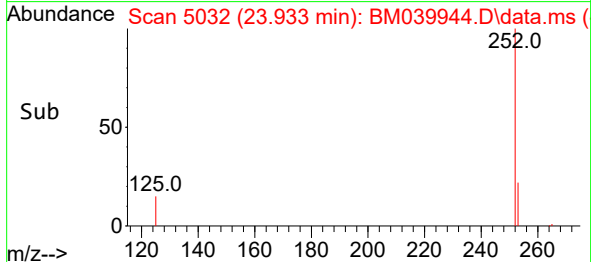
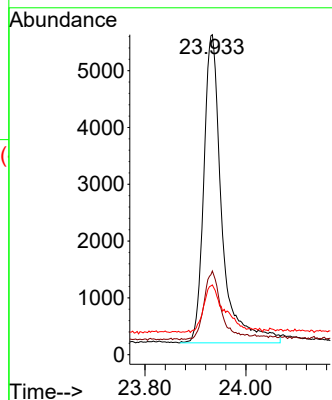


#26
Benzo(a)pyrene
Concen: 0.424 ng/ul
RT: 23.933 min Scan# 5029
Delta R.T. -0.000 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SLCS823

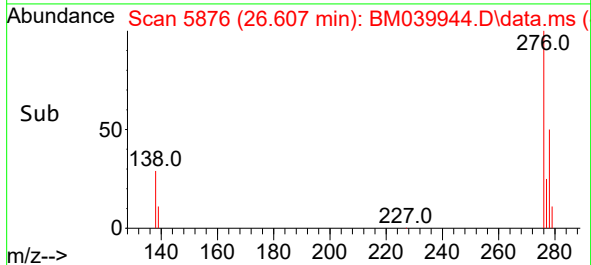
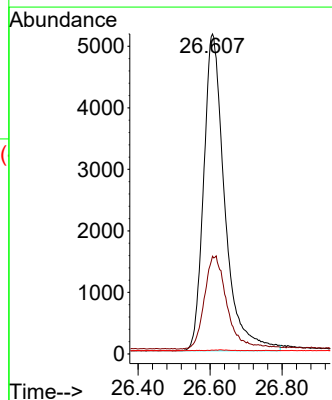
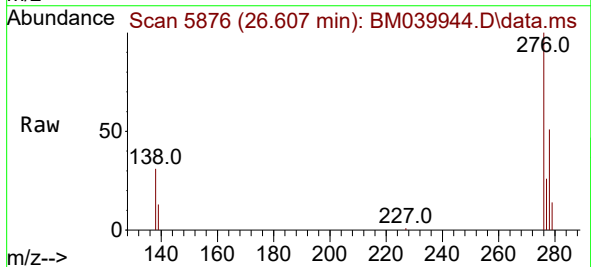


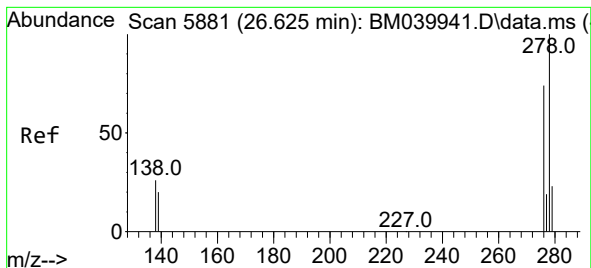
Tgt Ion:252 Resp: 13508
Ion Ratio Lower Upper
252 100
253 26.2 20.0 30.0
125 21.8 15.4 23.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.458 ng/ul
RT: 26.607 min Scan# 5876
Delta R.T. -0.007 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion:276 Resp: 20945
Ion Ratio Lower Upper
276 100
138 31.7 24.3 36.5
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.465 ng/ul

RT: 26.627 min Scan# 5881

Delta R.T. -0.007 min

Lab File: BM039944.D

Acq: 17 May 2023 17:46

Instrument :

BNA_M

ClientSampleId :

SLCS823

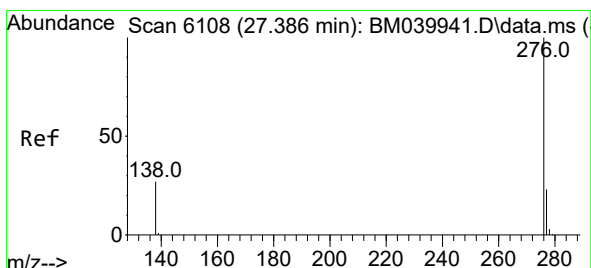
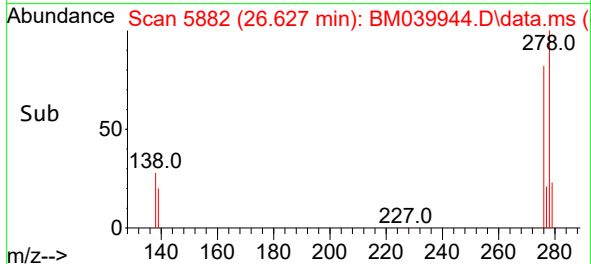
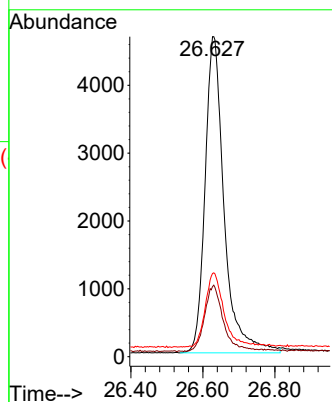
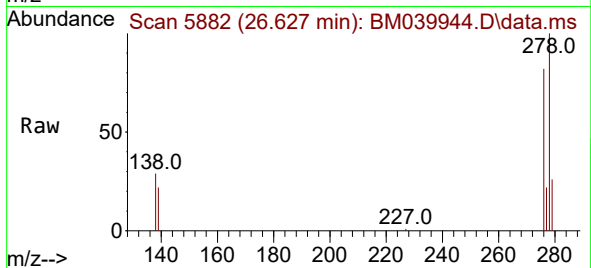
Tgt Ion:278 Resp: 17104

Ion Ratio Lower Upper

278 100

139 21.9 16.9 25.3

279 26.0 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 0.465 ng/ul

RT: 27.391 min Scan# 6110

Delta R.T. -0.003 min

Lab File: BM039944.D

Acq: 17 May 2023 17:46

Tgt Ion:276 Resp: 18838

Ion Ratio Lower Upper

276 100

138 27.6 22.4 33.6

277 25.4 19.5 29.3

