

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043040.D
 Acq On : 26 Nov 2023 06:09
 Operator : MA/JU
 Sample : PB157100BS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS274

Quant Time: Nov 27 02:46:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

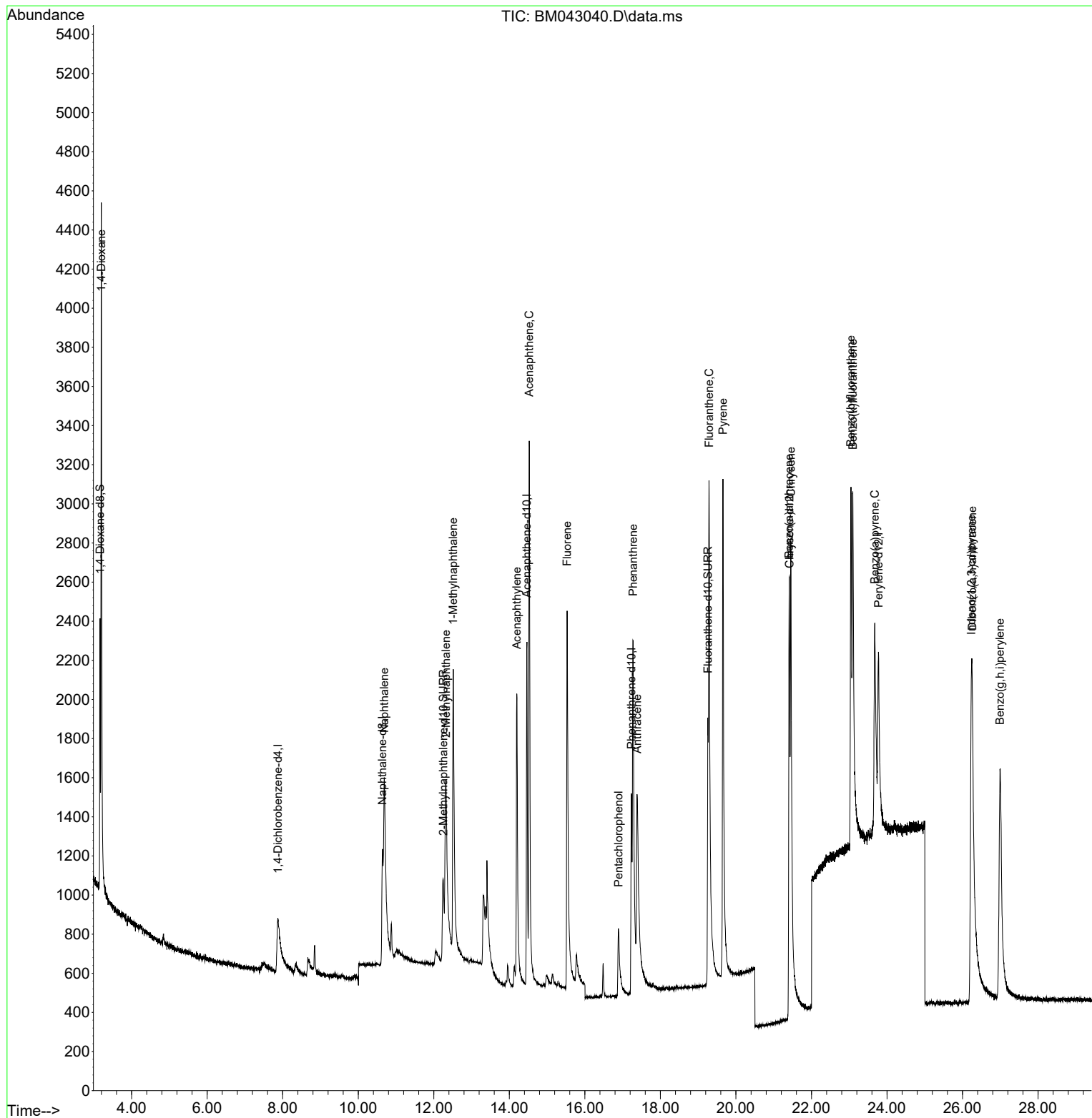
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	569	0.400	ng/ul	0.00
4) Naphthalene-d8	10.640	136	2093	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.465	164	1210	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	2490	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	1432	0.400	ng/ul	0.00
23) Perylene-d12	23.773	264	1833	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	954	1.093	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.251	152	1528	0.546	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	2657	0.509	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.197	88	2514	2.681	ng/ul#	83
5) Naphthalene	10.689	128	2605	0.458	ng/ul	98
7) 2-Methylnaphthalene	12.322	142	1574	0.469	ng/ul	100
8) 1-Methylnaphthalene	12.515	142	1597	0.427	ng/ul	100
10) Acenaphthylene	14.197	152	2841	0.460	ng/ul	97
11) Acenaphthene	14.525	153	2195	0.469	ng/ul	98
12) Fluorene	15.529	166	2284	0.475	ng/ul	98
14) Pentachlorophenol	16.892	266	610	0.905	ng/ul	96
15) Phenanthrene	17.276	178	3166	0.446	ng/ul	99
16) Anthracene	17.386	178	3046	0.452	ng/ul	98
19) Fluoranthene	19.290	202	3770	0.464	ng/ul	99
20) Pyrene	19.657	202	3988	0.462	ng/ul	98
21) Benzo(a)anthracene	21.406	228	2256	0.486	ng/ul	98
22) Chrysene	21.452	228	3966	0.458	ng/ul	99
24) Benzo(b)fluoranthene	23.042	252	3080	0.498	ng/ul	97
25) Benzo(k)fluoranthene	23.092	252	4247	0.499	ng/ul	97
26) Benzo(a)pyrene	23.674	252	3253	0.482	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.232	276	4471	0.489	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.255	278	3464	0.490	ng/ul	97
29) Benzo(g,h,i)perylene	26.989	276	4289	0.483	ng/ul	96

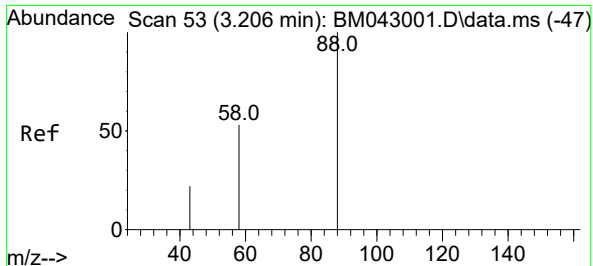
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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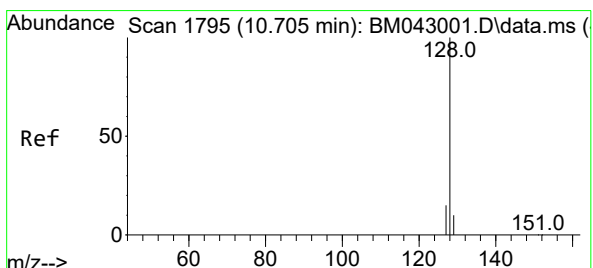
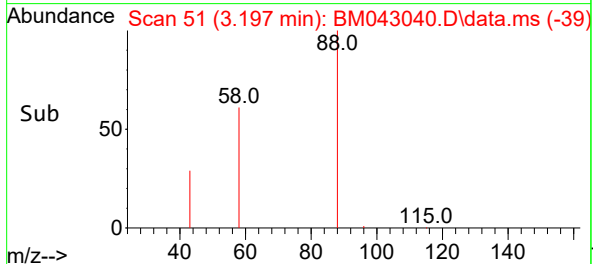
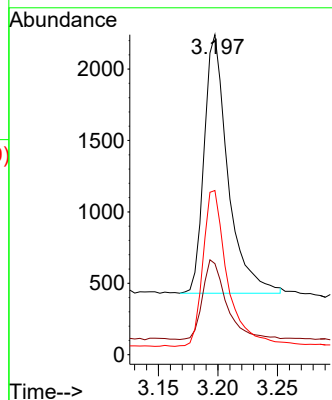
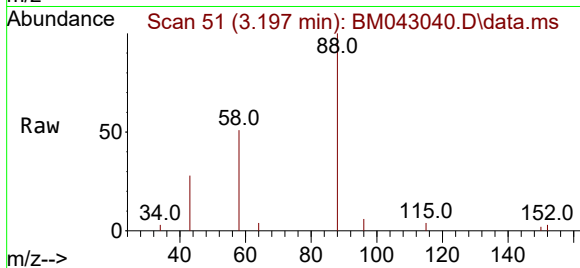




#2
1,4-Dioxane
Concen: 2.681 ng/ul
RT: 3.197 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:09

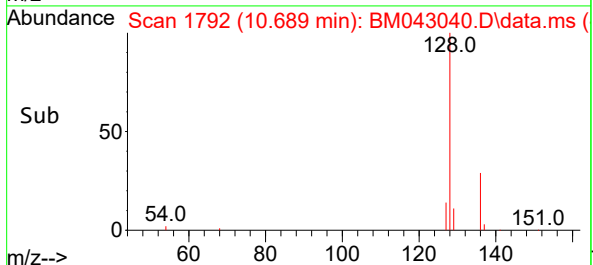
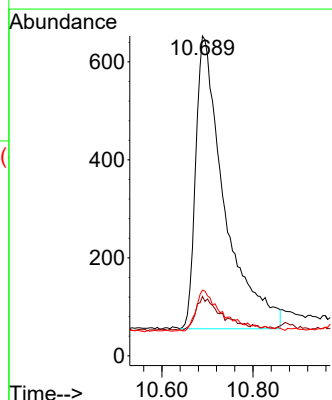
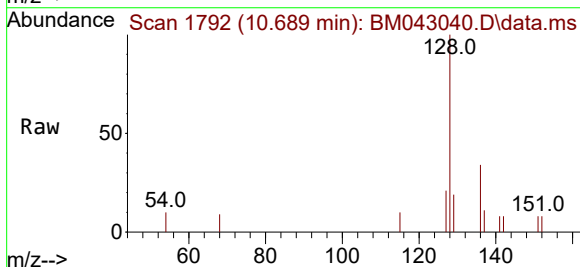
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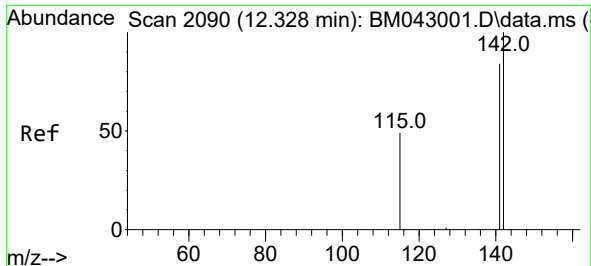
Tgt Ion: 88 Resp: 2514
Ion Ratio Lower Upper
88 100
43 28.5 22.8 34.2
58 51.3 26.8 40.2#



#5
Naphthalene
Concen: 0.458 ng/ul
RT: 10.689 min Scan# 1792
Delta R.T. -0.010 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:09

Tgt Ion: 128 Resp: 2605
Ion Ratio Lower Upper
128 100
129 18.5 16.0 24.0
127 20.5 16.5 24.7

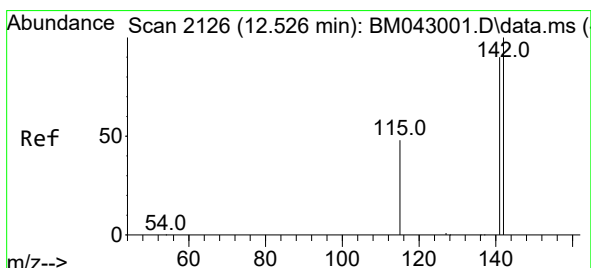
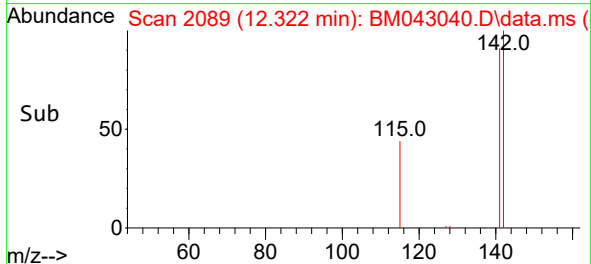
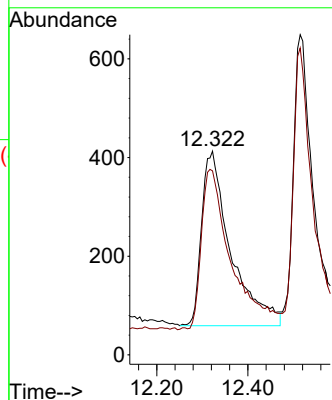
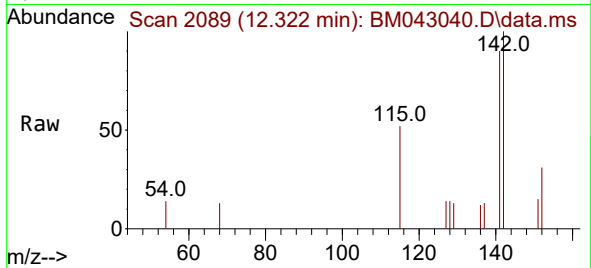




#7
2-Methylnaphthalene
Concen: 0.469 ng/ul
RT: 12.322 min Scan# 2090
Delta R.T. -0.010 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:09

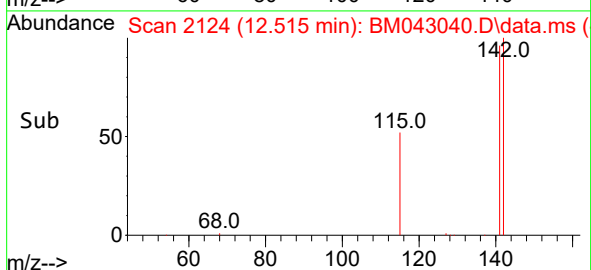
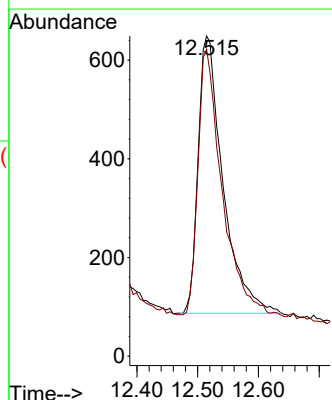
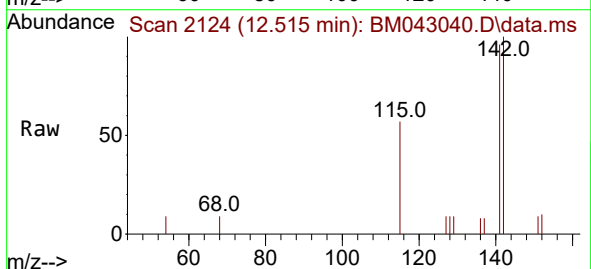
Instrument :
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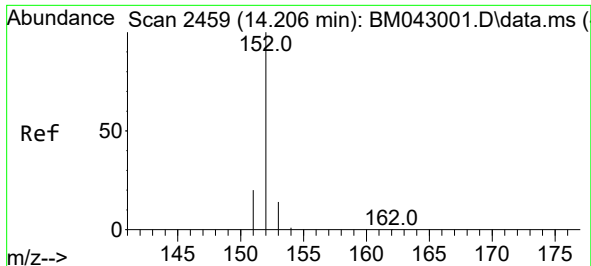
Tgt Ion:142 Resp: 1574
Ion Ratio Lower Upper
142 100
141 95.0 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.427 ng/ul
RT: 12.515 min Scan# 2124
Delta R.T. -0.004 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:09

Tgt Ion:142 Resp: 1597
Ion Ratio Lower Upper
142 100
141 92.5 73.8 110.8

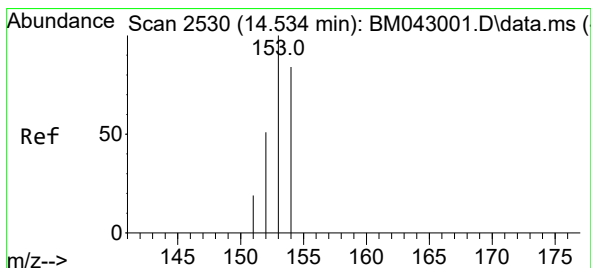
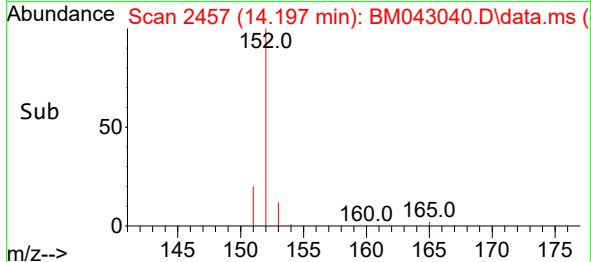
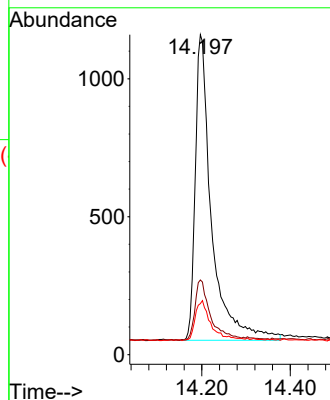
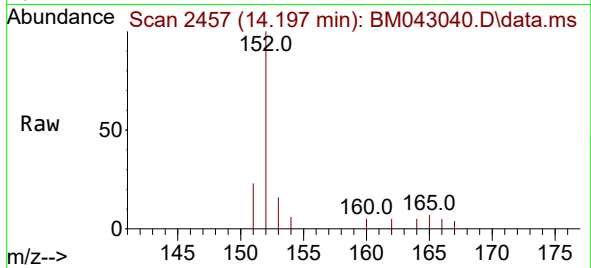




#10
Acenaphthylene
Concen: 0.460 ng/ul
RT: 14.197 min Scan# 2459
Delta R.T. -0.008 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:09

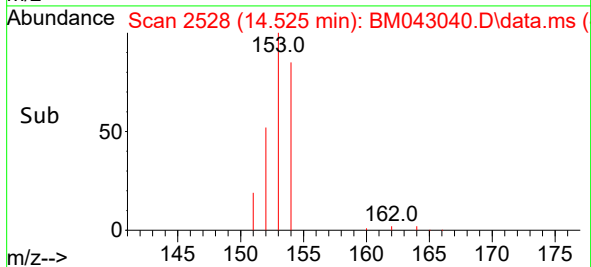
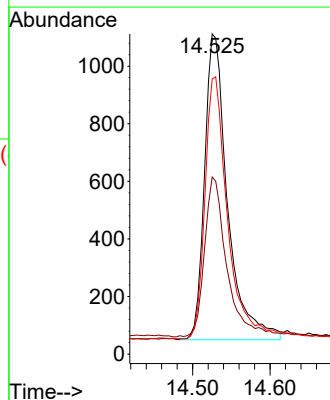
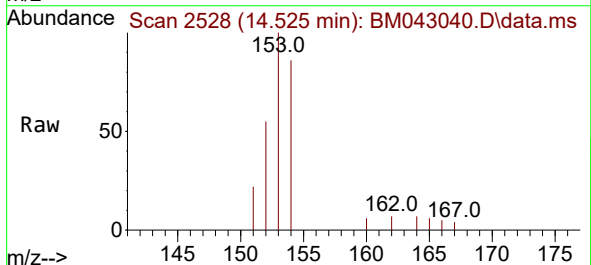
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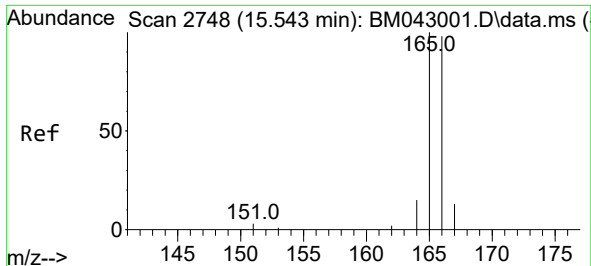
Tgt Ion:152 Resp: 2841
Ion Ratio Lower Upper
152 100
151 23.4 19.4 29.0
153 15.9 14.6 21.8



#11
Acenaphthene
Concen: 0.469 ng/ul
RT: 14.525 min Scan# 2528
Delta R.T. -0.008 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:09

Tgt Ion:153 Resp: 2195
Ion Ratio Lower Upper
153 100
152 55.3 43.9 65.9
154 86.0 70.6 105.8

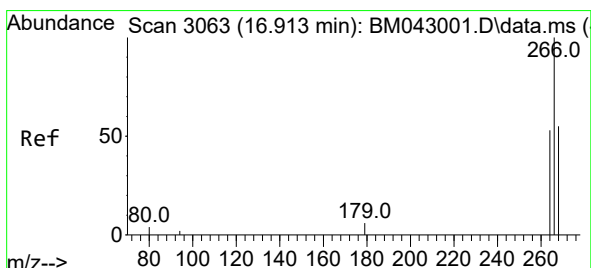
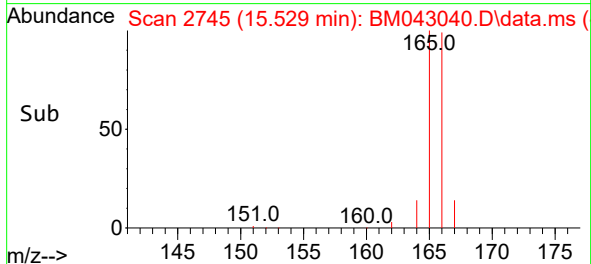
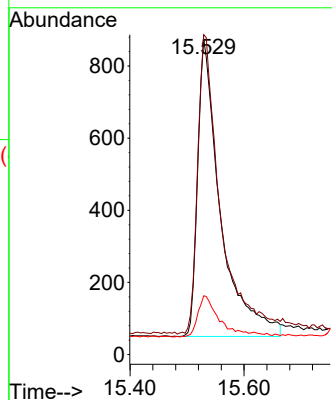
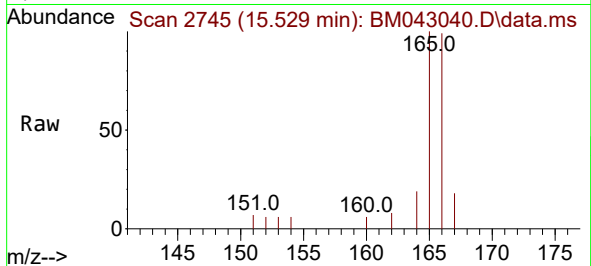




#12
Fluorene
Concen: 0.475 ng/ul
RT: 15.529 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:09

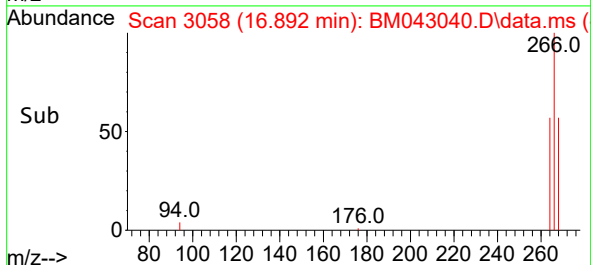
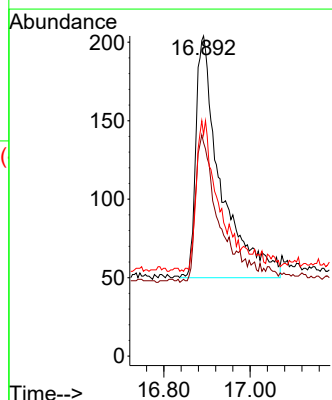
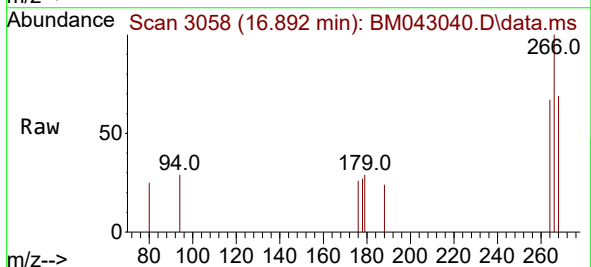
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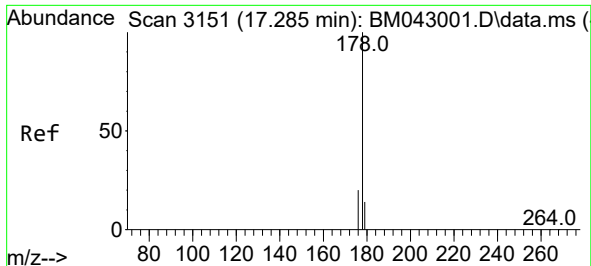
Tgt Ion:166 Resp: 2284
Ion Ratio Lower Upper
166 100
165 101.5 79.9 119.9
167 18.6 14.2 21.4



#14
Pentachlorophenol
Concen: 0.905 ng/ul
RT: 16.892 min Scan# 3058
Delta R.T. -0.020 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:09

Tgt Ion:266 Resp: 610
Ion Ratio Lower Upper
266 100
264 58.2 48.8 73.2
268 60.7 51.8 77.6

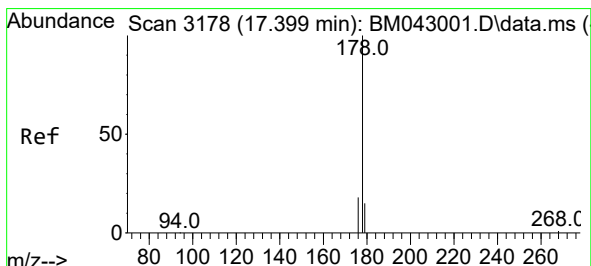
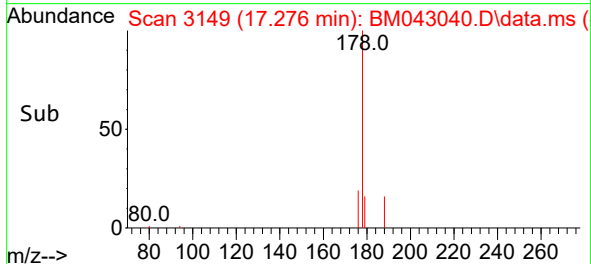
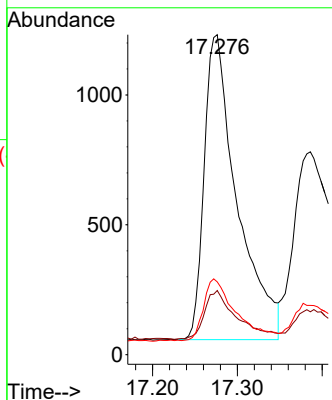
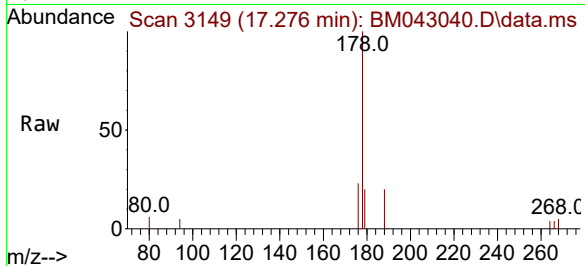




#15
Phenanthrene
Concen: 0.446 ng/ul
RT: 17.276 min Scan# 3149
Delta R.T. -0.003 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:09

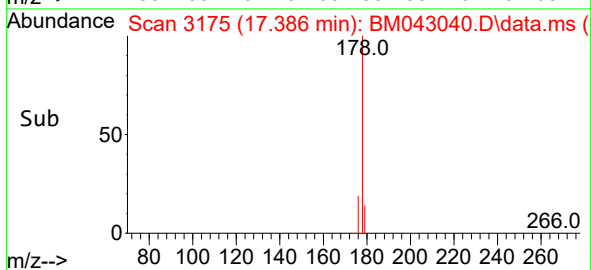
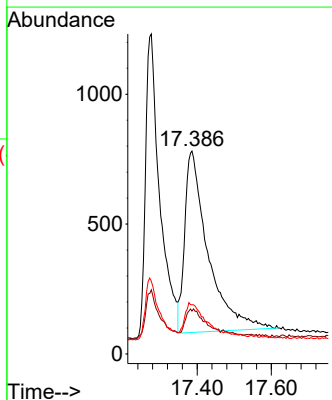
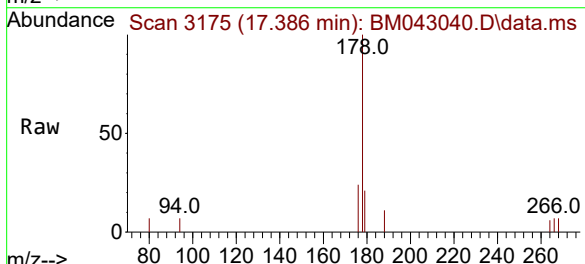
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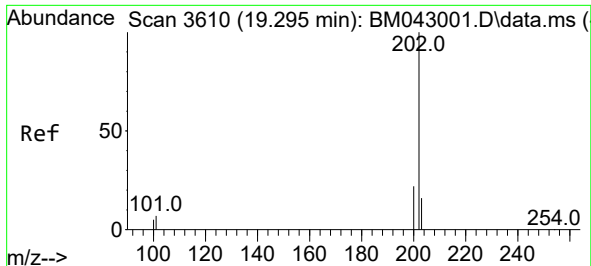
Tgt Ion:	178	Resp:	3166
Ion Ratio	Lower	Upper	
178	100		
179	20.0	15.7	23.5
176	22.7	18.9	28.3



#16
Anthracene
Concen: 0.452 ng/ul
RT: 17.386 min Scan# 3175
Delta R.T. -0.007 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:09

Tgt Ion:	178	Resp:	3046
Ion Ratio	Lower	Upper	
178	100		
179	21.1	17.3	25.9
176	24.3	20.5	30.7

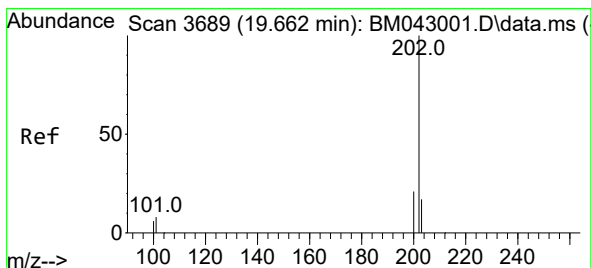
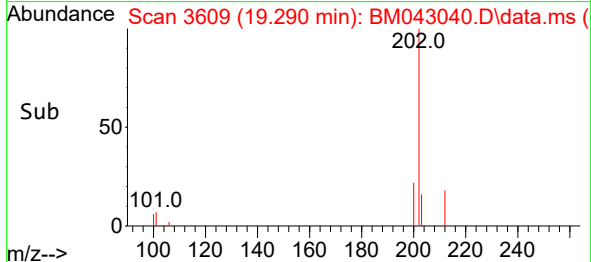
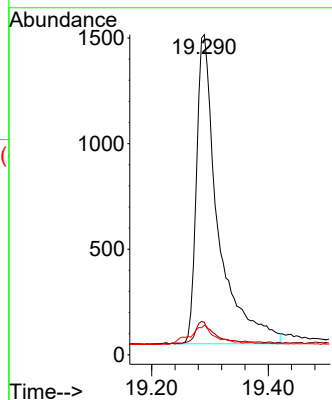
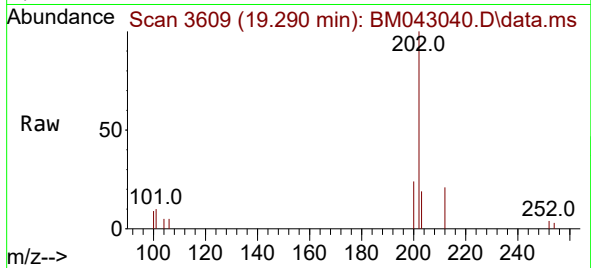




#19
Fluoranthene
Concen: 0.464 ng/ul
RT: 19.290 min Scan# 3610
Delta R.T. -0.003 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:09

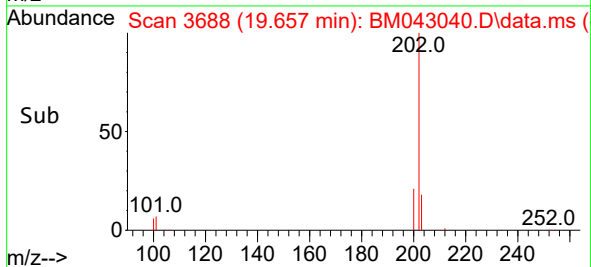
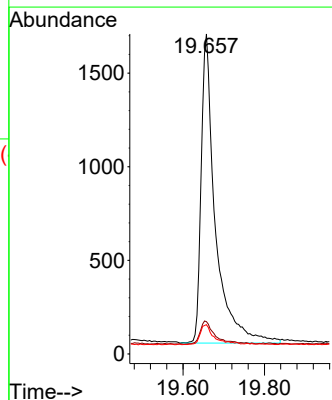
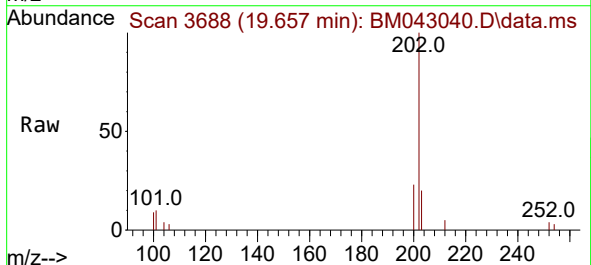
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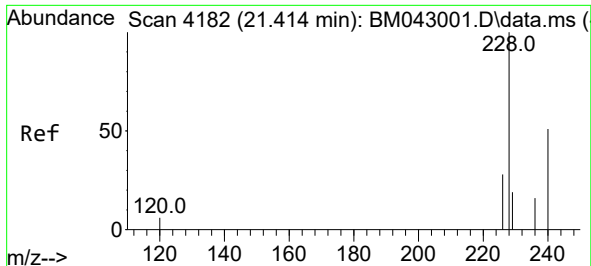
Tgt Ion:202 Resp: 3770
Ion Ratio Lower Upper
202 100
101 10.2 7.8 11.8
100 9.3 7.1 10.7



#20
Pyrene
Concen: 0.462 ng/ul
RT: 19.657 min Scan# 3688
Delta R.T. -0.003 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:09

Tgt Ion:202 Resp: 3988
Ion Ratio Lower Upper
202 100
101 10.1 8.7 13.1
100 9.2 7.8 11.8

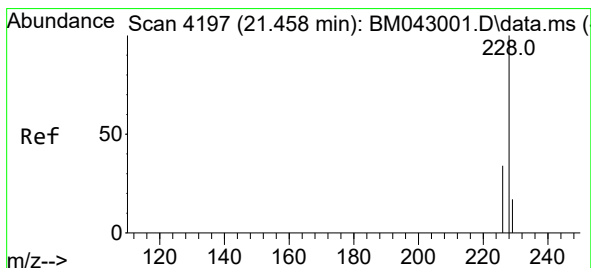
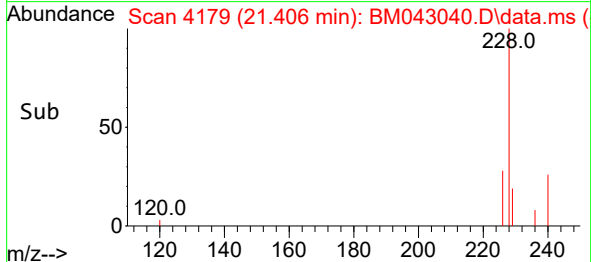
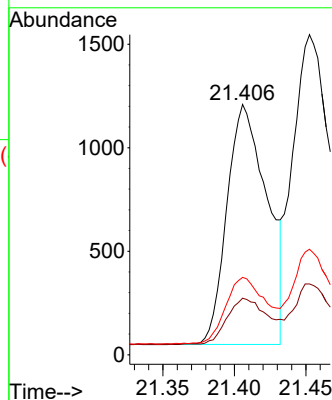
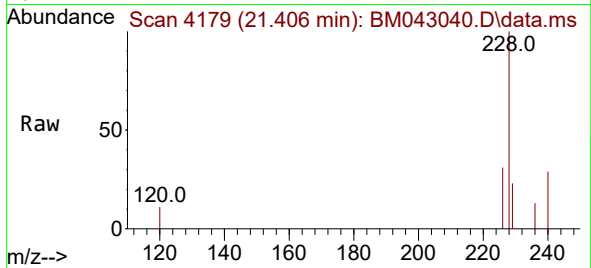




#21
Benzo(a)anthracene
Concen: 0.486 ng/ul
RT: 21.406 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:09

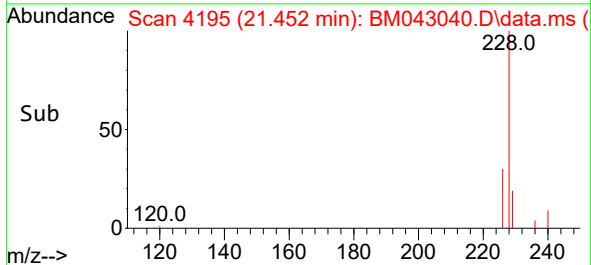
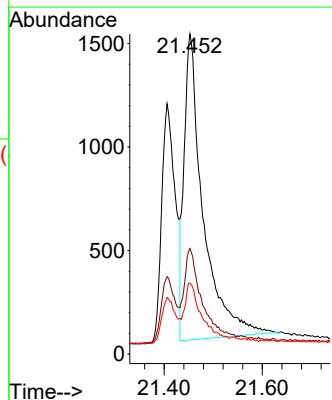
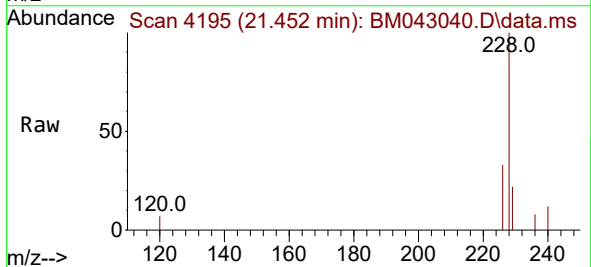
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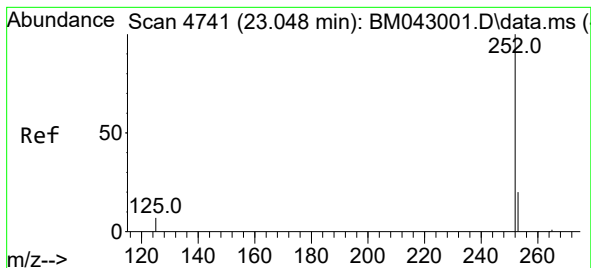
Tgt Ion:228 Resp: 2256
Ion Ratio Lower Upper
228 100
229 22.6 19.4 29.0
226 30.9 24.9 37.3



#22
Chrysene
Concen: 0.458 ng/ul
RT: 21.452 min Scan# 4195
Delta R.T. -0.006 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:09

Tgt Ion:228 Resp: 3966
Ion Ratio Lower Upper
228 100
226 33.0 27.2 40.8
229 22.1 18.0 27.0





#24

Benzo(b)fluoranthene

Concen: 0.498 ng/ul

RT: 23.042 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM043040.D

Acq: 26 Nov 2023 06:09

Instrument :

BNA_M

ClientSampleId :

SLCS274

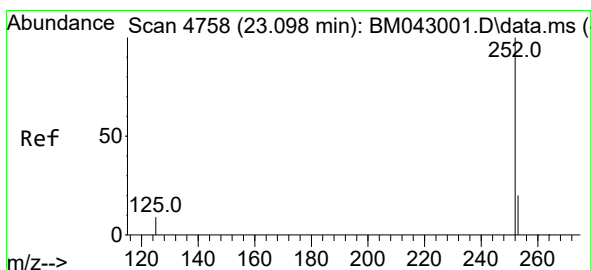
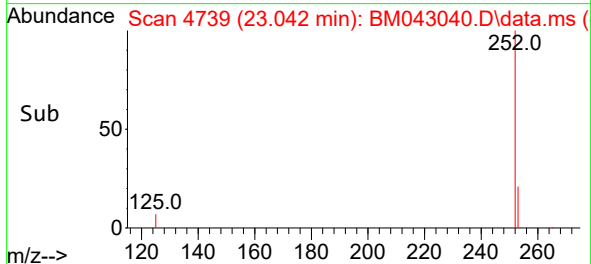
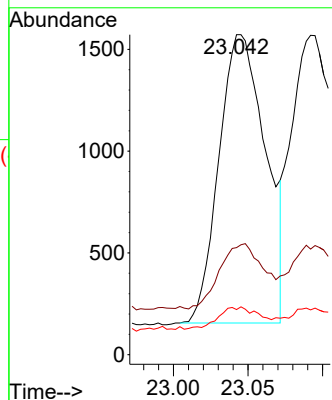
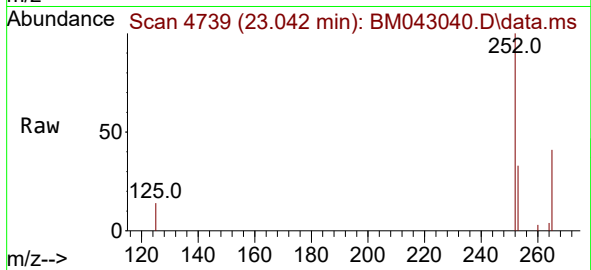
Tgt Ion:252 Resp: 3080

Ion Ratio Lower Upper

252 100

253 33.5 0.0 71.8

125 14.1 0.0 29.0



#25

Benzo(k)fluoranthene

Concen: 0.499 ng/ul

RT: 23.092 min Scan# 4756

Delta R.T. -0.006 min

Lab File: BM043040.D

Acq: 26 Nov 2023 06:09

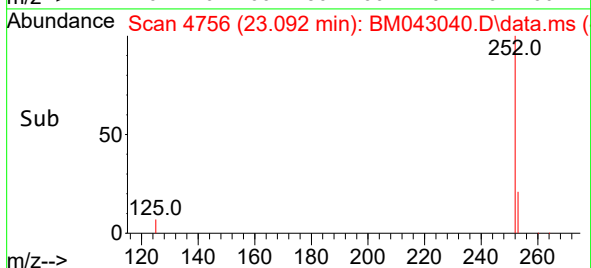
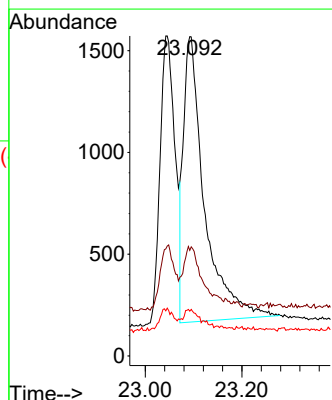
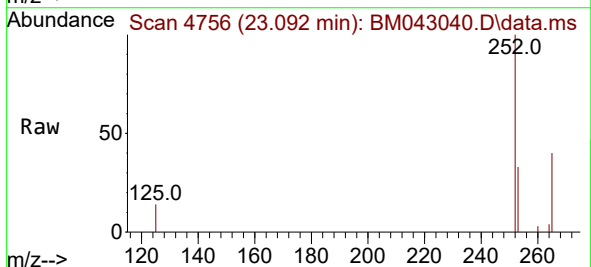
Tgt Ion:252 Resp: 4247

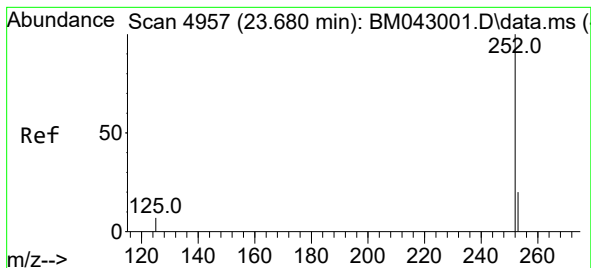
Ion Ratio Lower Upper

252 100

253 33.1 28.2 42.2

125 14.0 11.0 16.6





#26

Benzo(a)pyrene

Concen: 0.482 ng/ul

RT: 23.674 min Scan# 4955

Delta R.T. -0.012 min

Lab File: BM043040.D

Acq: 26 Nov 2023 06:09

Instrument :

BNA_M

ClientSampleId :

SLCS274

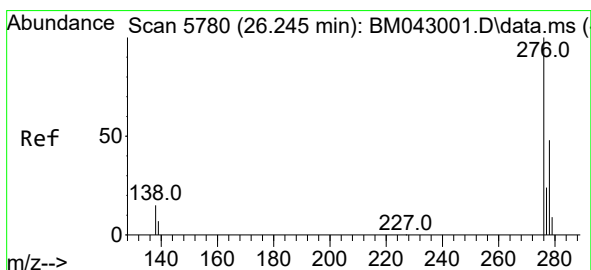
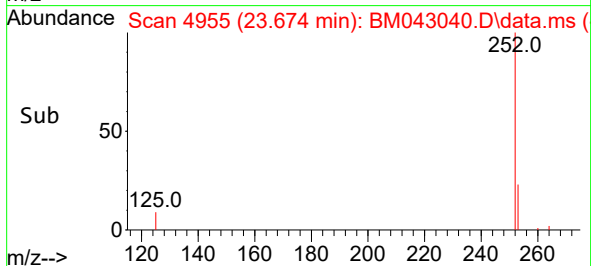
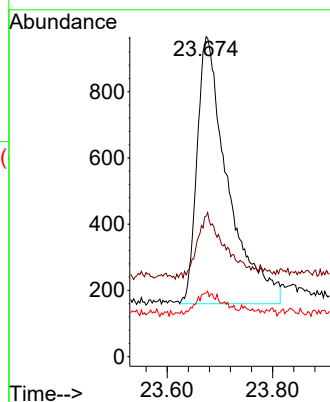
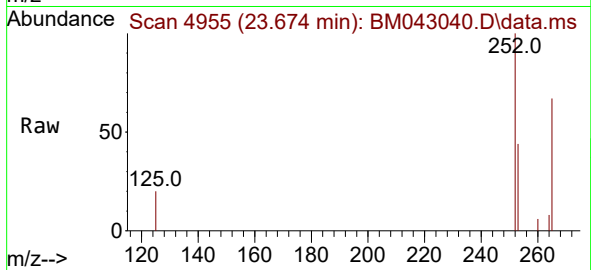
Tgt Ion:252 Resp: 3253

Ion Ratio Lower Upper

252 100

253 43.9 36.6 55.0

125 19.9 16.2 24.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.489 ng/ul

RT: 26.232 min Scan# 5776

Delta R.T. -0.007 min

Lab File: BM043040.D

Acq: 26 Nov 2023 06:09

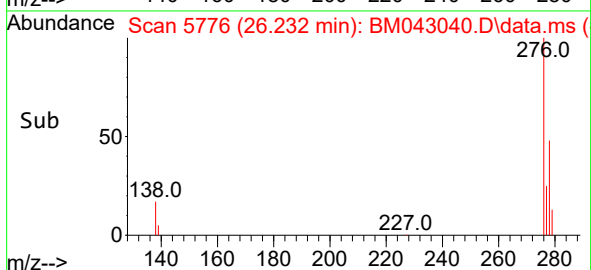
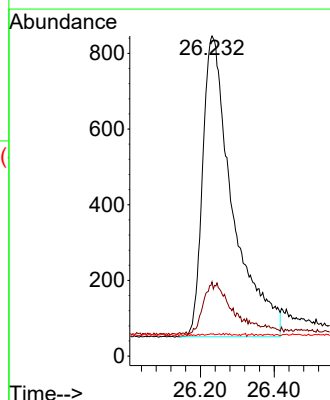
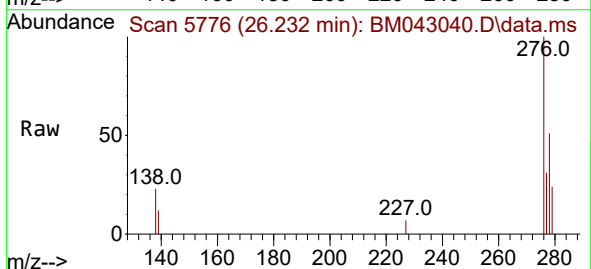
Tgt Ion:276 Resp: 4471

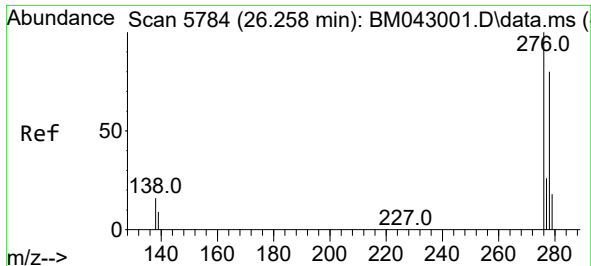
Ion Ratio Lower Upper

276 100

138 17.5 0.0 0.0#

227 0.1 0.2 0.2#

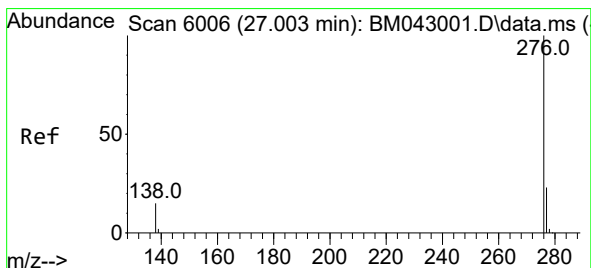
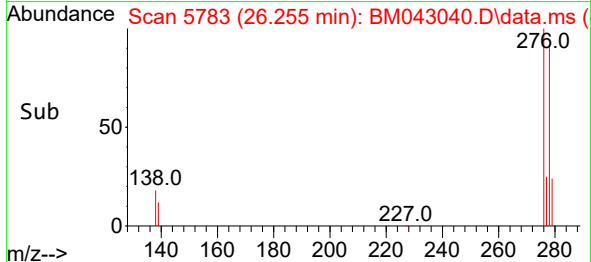
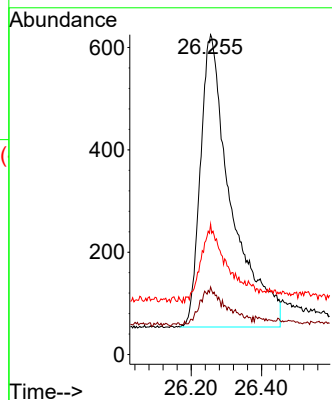
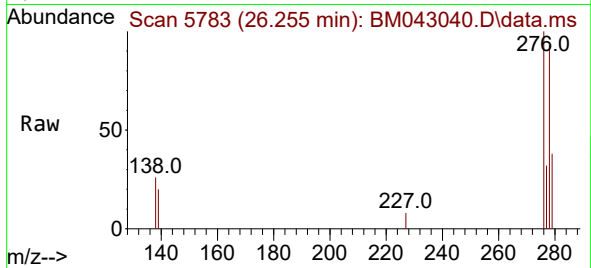




#28
Dibenzo(a,h)anthracene
Concen: 0.490 ng/ul
RT: 26.255 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:09

Instrument :
BNA_M
ClientSampleId :
SLCS274

Tgt Ion:278 Resp: 3464
Ion Ratio Lower Upper
278 100
139 21.1 18.1 27.1
279 40.8 34.4 51.6



#29
Benzo(g,h,i)perylene
Concen: 0.483 ng/ul
RT: 26.989 min Scan# 6002
Delta R.T. -0.020 min
Lab File: BM043040.D
Acq: 26 Nov 2023 06:09

Tgt Ion:276 Resp: 4289
Ion Ratio Lower Upper
276 100
138 19.9 17.8 26.8
277 28.4 23.8 35.8

