

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043025.D
 Acq On : 25 Nov 2023 20:27
 Operator : MA/JU
 Sample : PB157192BS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS276

Quant Time: Nov 27 02:44:40 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)

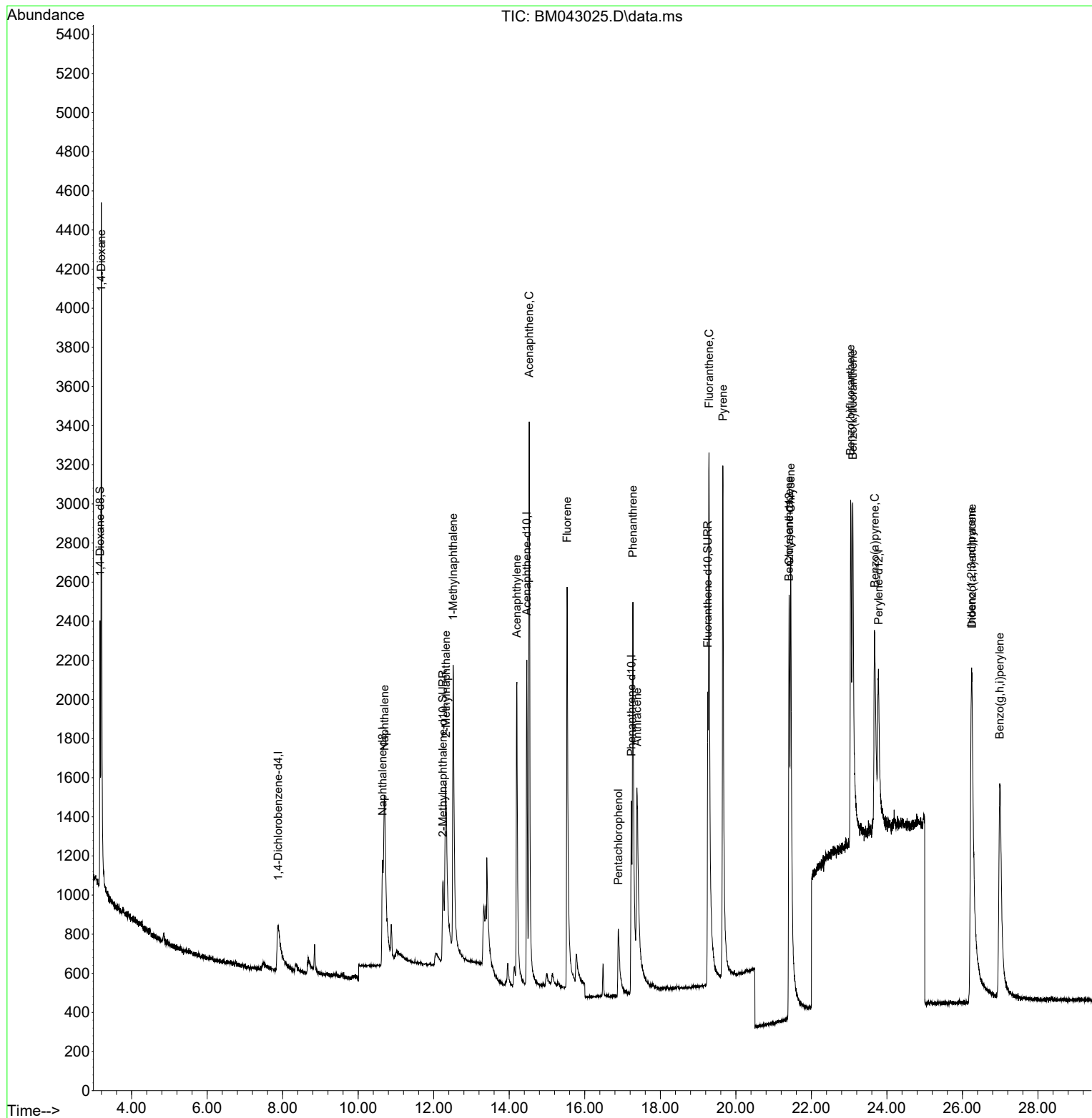
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	581	0.400	ng/ul	0.00
4) Naphthalene-d8	10.644	136	1939	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.464	164	1156	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.233	188	2386	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	1326	0.400	ng/ul	0.00
23) Perylene-d12	23.776	264	1520	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	987	1.107	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	1482	0.571	ng/ul	0.00
18) Fluoranthene-d10	19.256	212	2783	0.576	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.197	88	2548	2.661	ng/ul#	82
5) Naphthalene	10.693	128	2525	0.479	ng/ul	98
7) 2-Methylnaphthalene	12.321	142	1581	0.509	ng/ul	97
8) 1-Methylnaphthalene	12.513	142	1613	0.465	ng/ul	99
10) Acenaphthylene	14.200	152	2848	0.483	ng/ul	98
11) Acenaphthene	14.528	153	2212	0.495	ng/ul	98
12) Fluorene	15.532	166	2383	0.519	ng/ul	99
14) Pentachlorophenol	16.887	266	614	0.951	ng/ul	94
15) Phenanthrene	17.275	178	3284	0.482	ng/ul	100
16) Anthracene	17.385	178	3046	0.472	ng/ul	100
19) Fluoranthene	19.289	202	3910	0.520	ng/ul	99
20) Pyrene	19.656	202	4079	0.510	ng/ul	100
21) Benzo(a)anthracene	21.406	228	2199	0.511	ng/ul	98
22) Chrysene	21.453	228	3959	0.494	ng/ul	99
24) Benzo(b)fluoranthene	23.040	252	2961	0.577	ng/ul	99
25) Benzo(k)fluoranthene	23.095	252	4131	0.585	ng/ul	99
26) Benzo(a)pyrene	23.677	252	3134	0.560	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.239	276	4326	0.571	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.252	278	3367	0.574	ng/ul	93
29) Benzo(g,h,i)perylene	26.990	276	4143	0.562	ng/ul	99

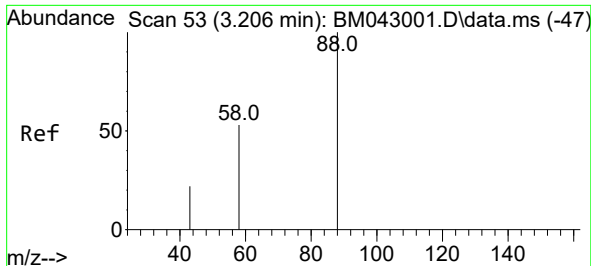
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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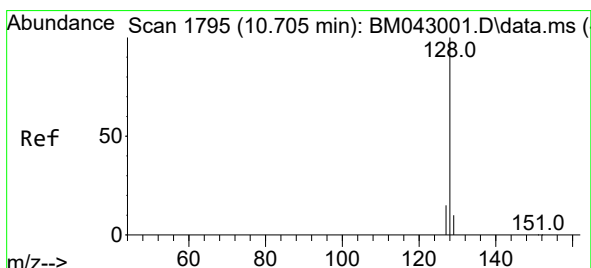
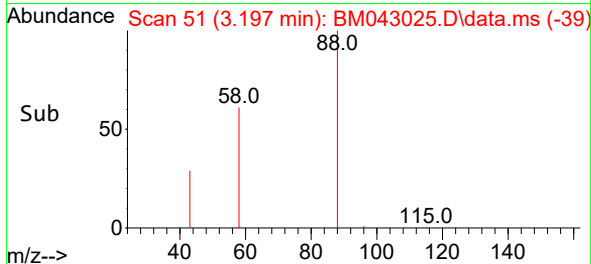
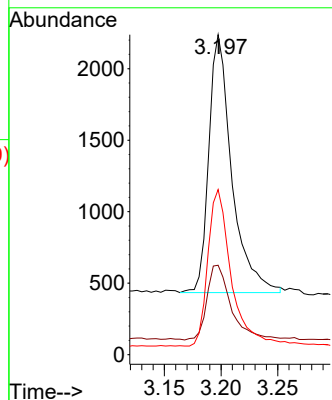
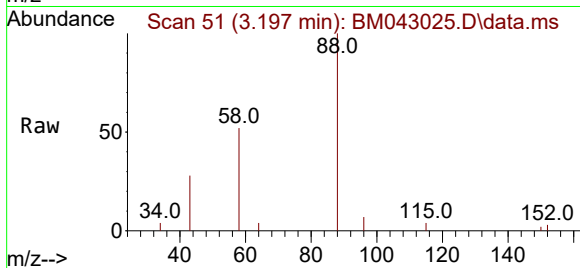




#2
1,4-Dioxane
Concen: 2.661 ng/ul
RT: 3.197 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM043025.D
Acq: 25 Nov 2023 20:27

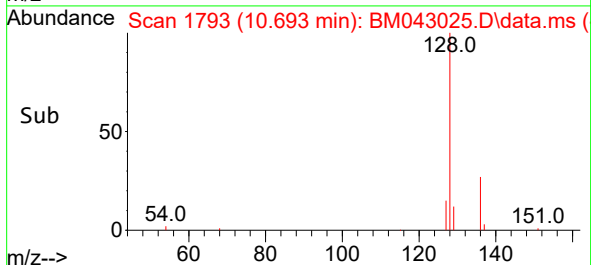
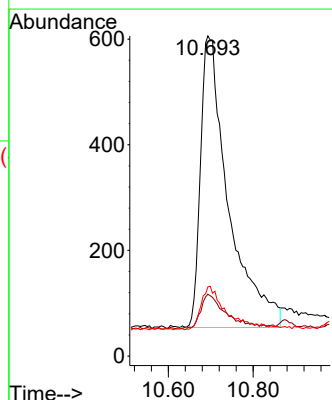
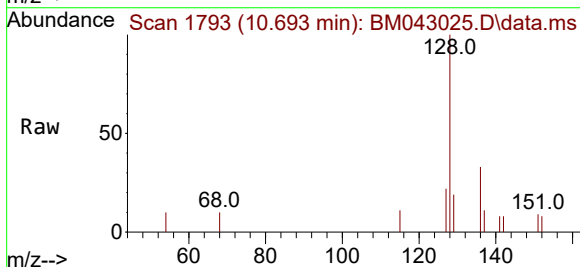
Instrument :
BNA_M
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SLCS276

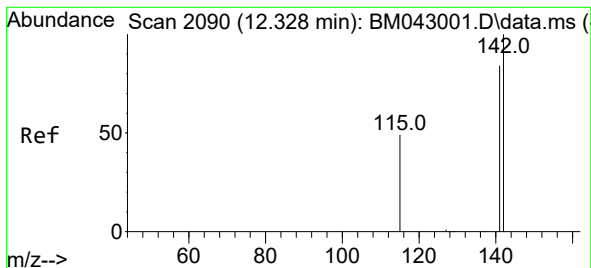
Tgt Ion: 88 Resp: 2548
Ion Ratio Lower Upper
88 100
43 28.0 22.8 34.2
58 51.6 26.8 40.2#



#5
Naphthalene
Concen: 0.479 ng/ul
RT: 10.693 min Scan# 1793
Delta R.T. -0.005 min
Lab File: BM043025.D
Acq: 25 Nov 2023 20:27

Tgt Ion: 128 Resp: 2525
Ion Ratio Lower Upper
128 100
129 19.3 16.0 24.0
127 21.6 16.5 24.7

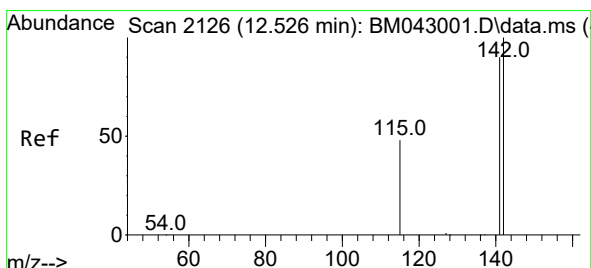
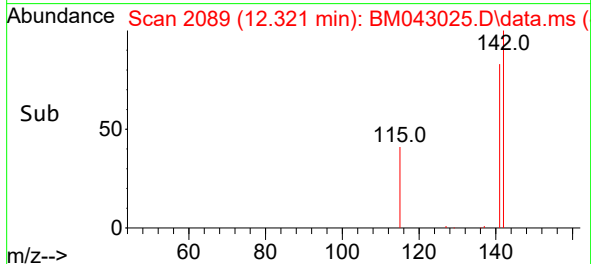
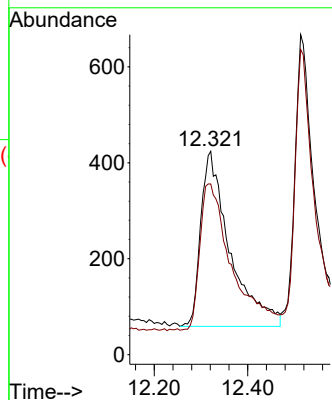
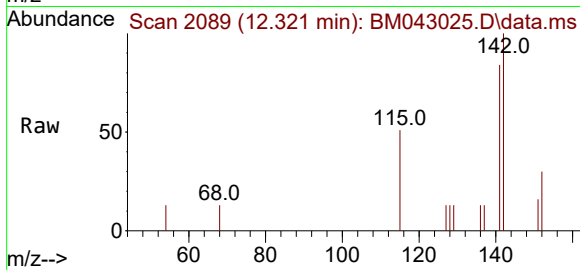




#7
2-Methylnaphthalene
Concen: 0.509 ng/ul
RT: 12.321 min Scan# 2090
Delta R.T. -0.011 min
Lab File: BM043025.D
Acq: 25 Nov 2023 20:27

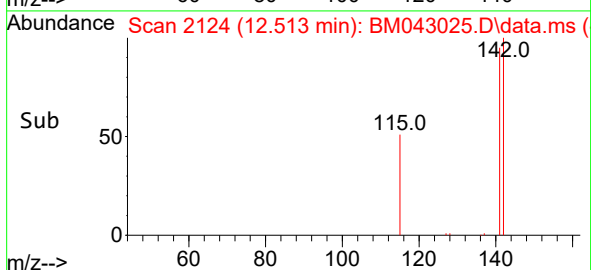
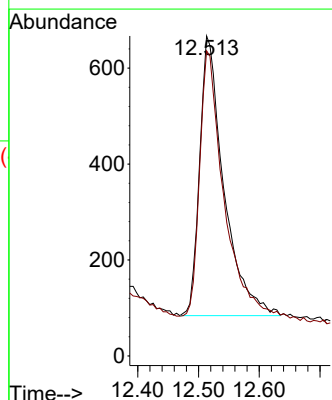
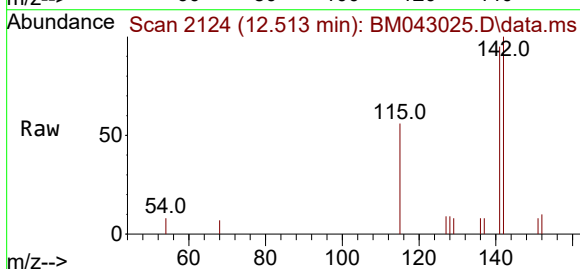
Instrument :
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ClientSampleId :
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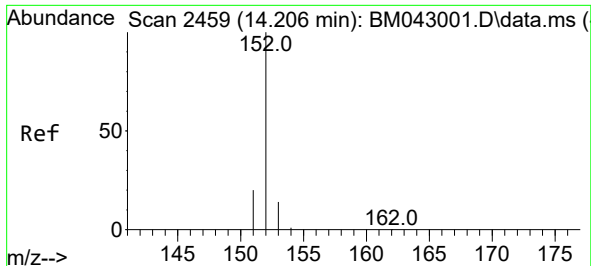
Tgt Ion:142 Resp: 1581
Ion Ratio Lower Upper
142 100
141 91.9 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.465 ng/ul
RT: 12.513 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BM043025.D
Acq: 25 Nov 2023 20:27

Tgt Ion:142 Resp: 1613
Ion Ratio Lower Upper
142 100
141 93.4 73.8 110.8

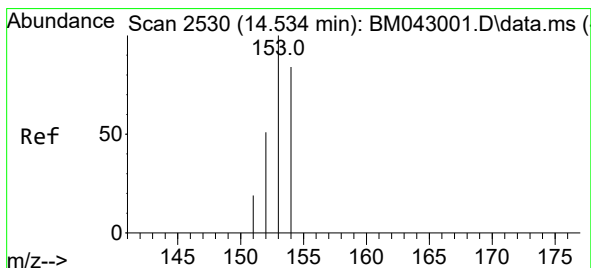
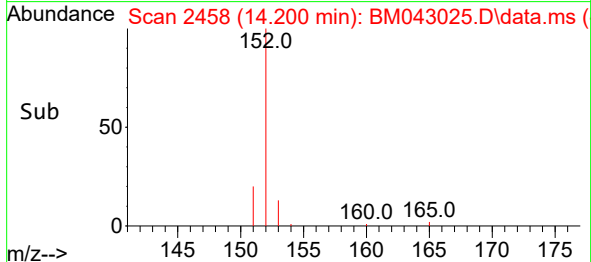
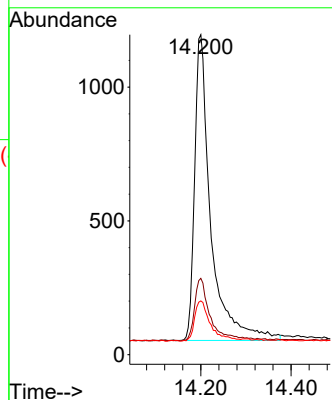
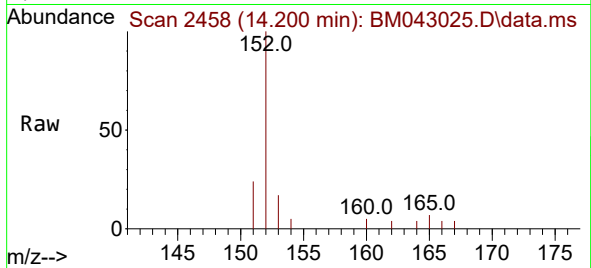




#10
Acenaphthylene
Concen: 0.483 ng/ul
RT: 14.200 min Scan# 2459
Delta R.T. -0.005 min
Lab File: BM043025.D
Acq: 25 Nov 2023 20:27

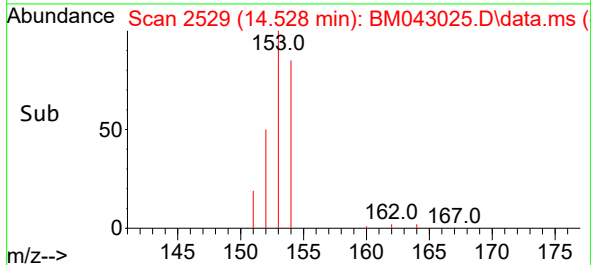
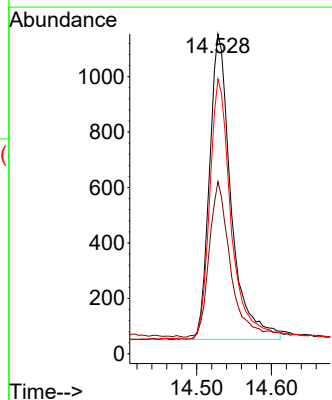
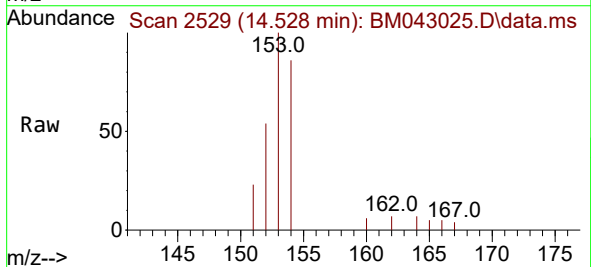
Instrument :
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ClientSampleId :
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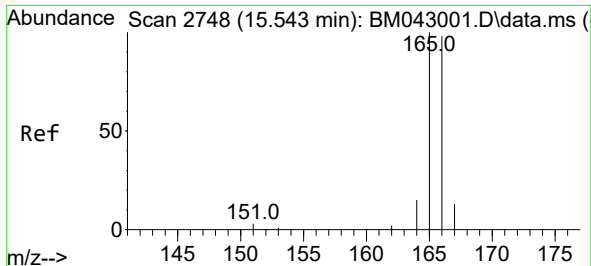
Tgt Ion:152 Resp: 2848
Ion Ratio Lower Upper
152 100
151 23.8 19.4 29.0
153 16.8 14.6 21.8



#11
Acenaphthene
Concen: 0.495 ng/ul
RT: 14.528 min Scan# 2529
Delta R.T. -0.005 min
Lab File: BM043025.D
Acq: 25 Nov 2023 20:27

Tgt Ion:153 Resp: 2212
Ion Ratio Lower Upper
153 100
152 53.8 43.9 65.9
154 86.0 70.6 105.8

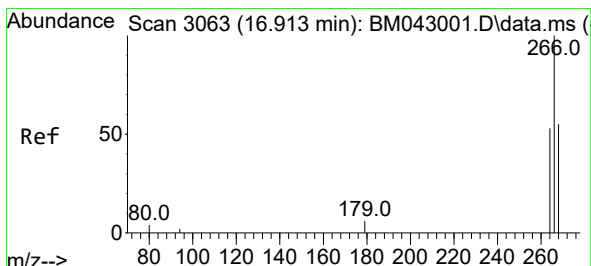
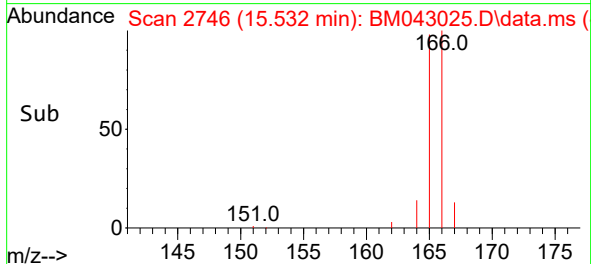
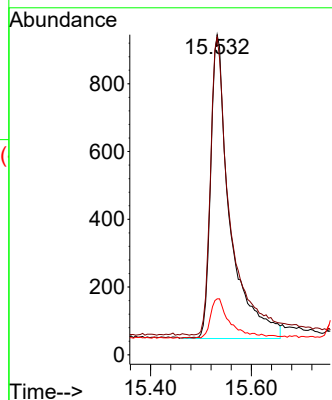
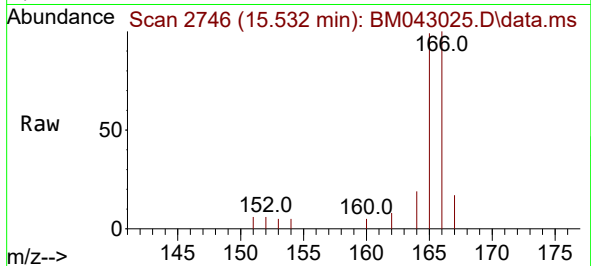




#12
 Fluorene
 Concen: 0.519 ng/ul
 RT: 15.532 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM043025.D
 Acq: 25 Nov 2023 20:27

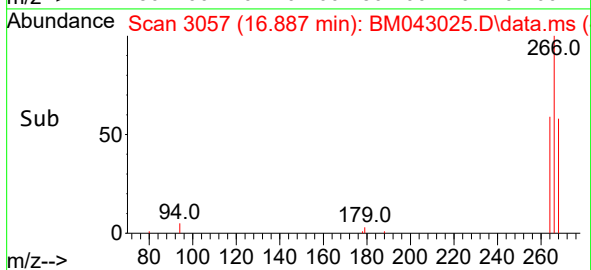
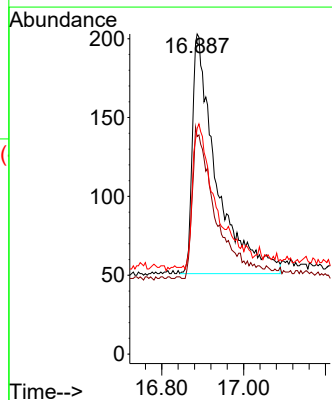
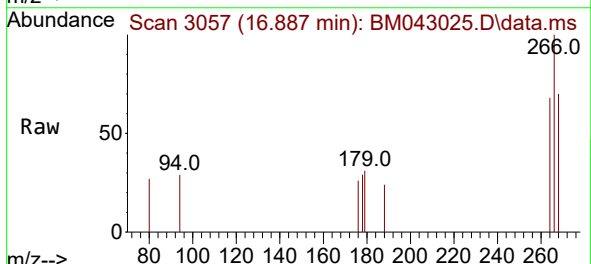
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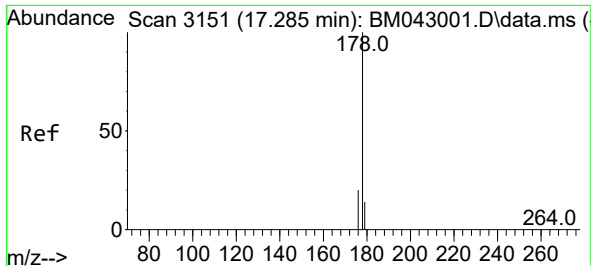
Tgt Ion:166 Resp: 2383
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.9 119.9
 167 17.5 14.2 21.4



#14
 Pentachlorophenol
 Concen: 0.951 ng/ul
 RT: 16.887 min Scan# 3057
 Delta R.T. -0.025 min
 Lab File: BM043025.D
 Acq: 25 Nov 2023 20:27

Tgt Ion:266 Resp: 614
 Ion Ratio Lower Upper
 266 100
 264 63.4 48.8 73.2
 268 58.3 51.8 77.6

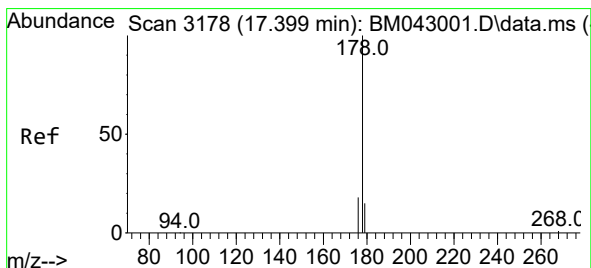
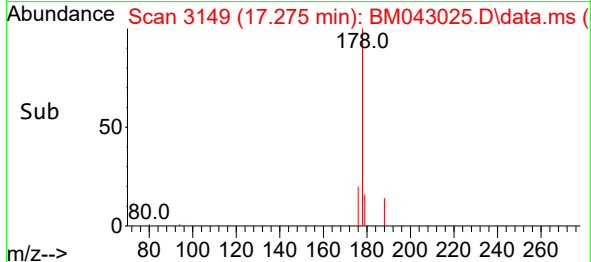
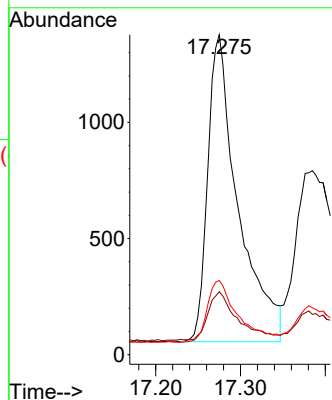
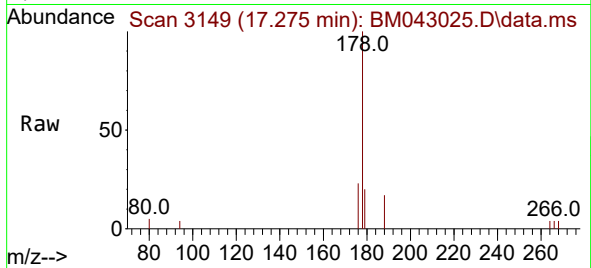




#15
Phenanthrene
Concen: 0.482 ng/ul
RT: 17.275 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM043025.D
Acq: 25 Nov 2023 20:27

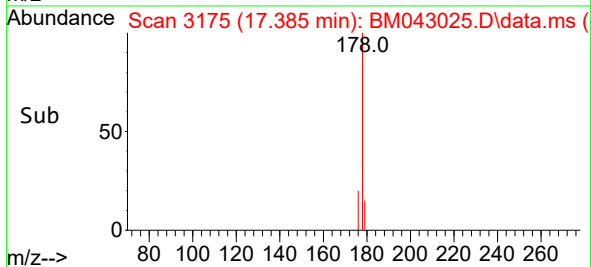
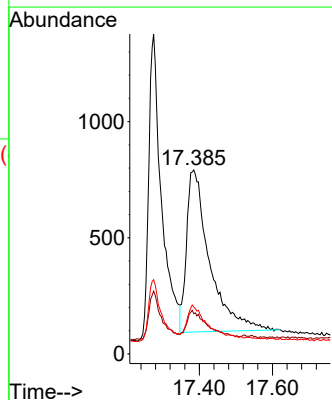
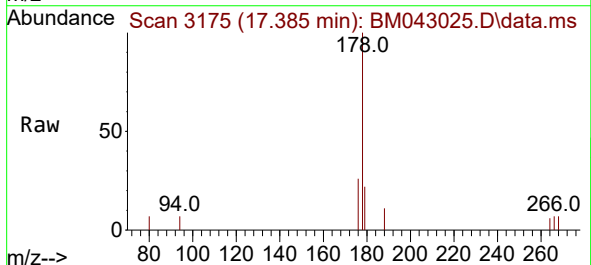
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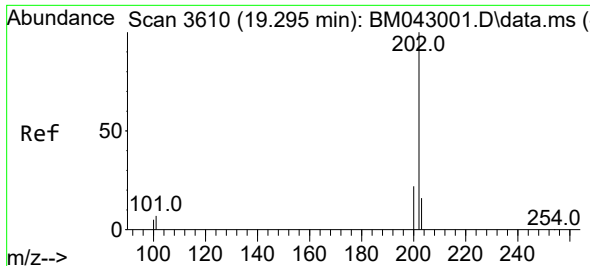
Tgt Ion:178 Resp: 3284
Ion Ratio Lower Upper
178 100
179 19.7 15.7 23.5
176 23.2 18.9 28.3



#16
Anthracene
Concen: 0.472 ng/ul
RT: 17.385 min Scan# 3175
Delta R.T. -0.008 min
Lab File: BM043025.D
Acq: 25 Nov 2023 20:27

Tgt Ion:178 Resp: 3046
Ion Ratio Lower Upper
178 100
179 22.0 17.3 25.9
176 25.5 20.5 30.7

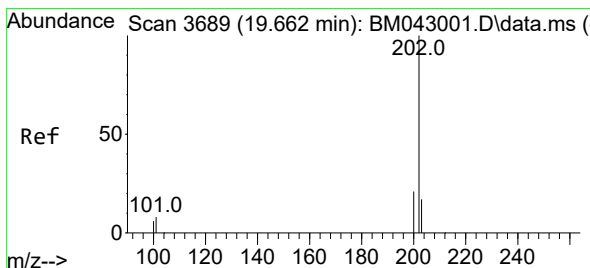
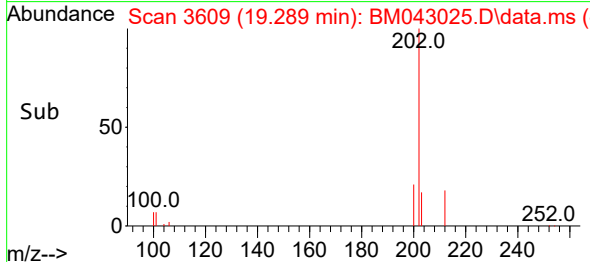
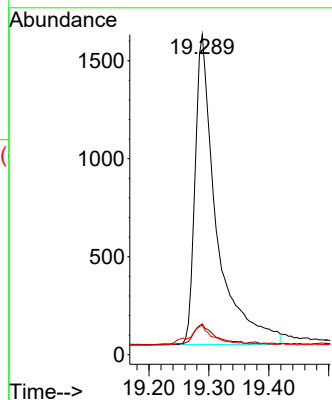
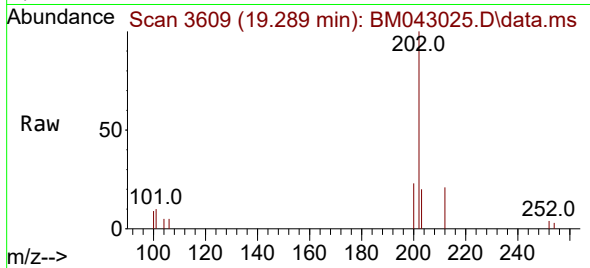




#19
Fluoranthene
Concen: 0.520 ng/ul
RT: 19.289 min Scan# 3609
Delta R.T. -0.005 min
Lab File: BM043025.D
Acq: 25 Nov 2023 20:27

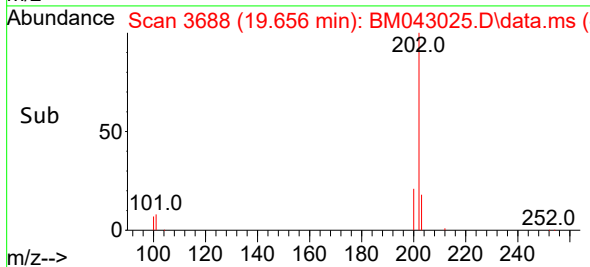
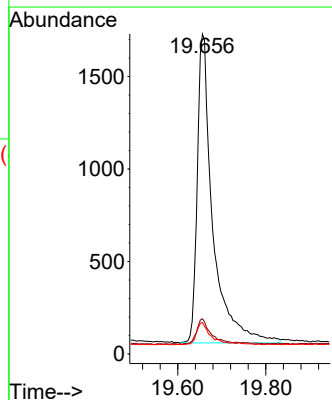
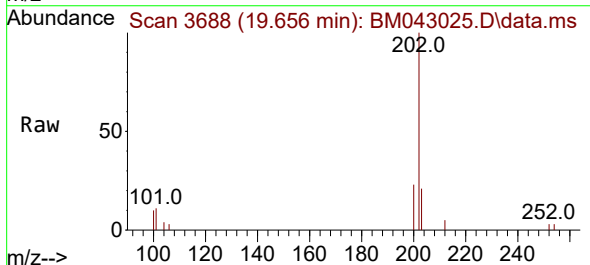
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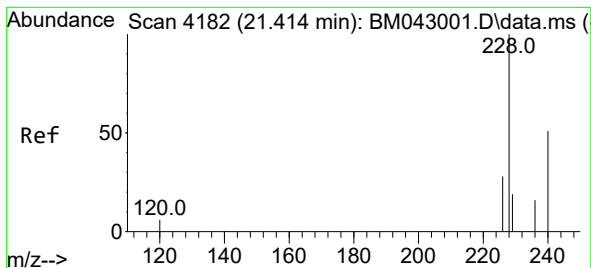
Tgt Ion:202 Resp: 3910
Ion Ratio Lower Upper
202 100
101 9.7 7.8 11.8
100 9.2 7.1 10.7



#20
Pyrene
Concen: 0.510 ng/ul
RT: 19.656 min Scan# 3688
Delta R.T. -0.005 min
Lab File: BM043025.D
Acq: 25 Nov 2023 20:27

Tgt Ion:202 Resp: 4079
Ion Ratio Lower Upper
202 100
101 11.0 8.7 13.1
100 9.8 7.8 11.8





#21

Benzo(a)anthracene

Concen: 0.511 ng/ul

RT: 21.406 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM043025.D

Acq: 25 Nov 2023 20:27

Instrument :

BNA_M

ClientSampleId :

SLCS276

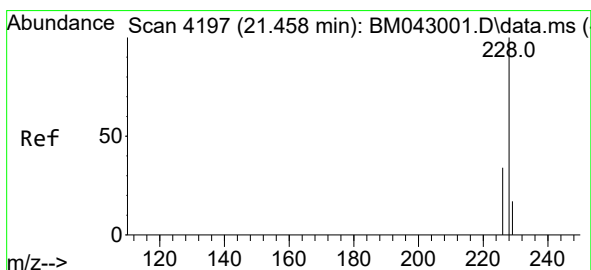
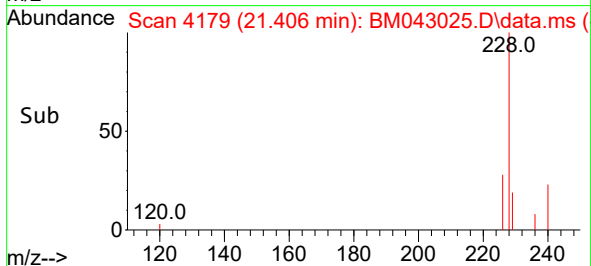
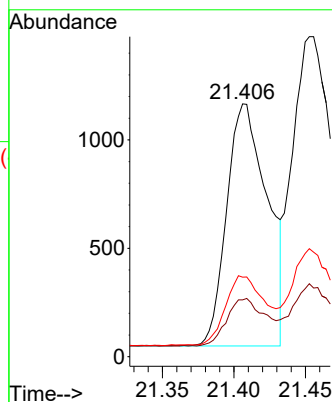
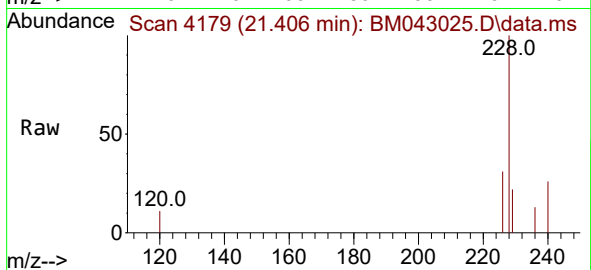
Tgt Ion:228 Resp: 2199

Ion Ratio Lower Upper

228 100

229 22.5 19.4 29.0

226 31.5 24.9 37.3



#22

Chrysene

Concen: 0.494 ng/ul

RT: 21.453 min Scan# 4195

Delta R.T. -0.006 min

Lab File: BM043025.D

Acq: 25 Nov 2023 20:27

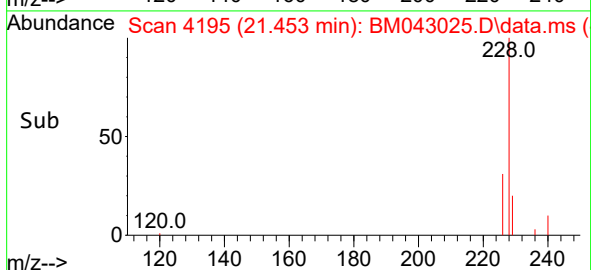
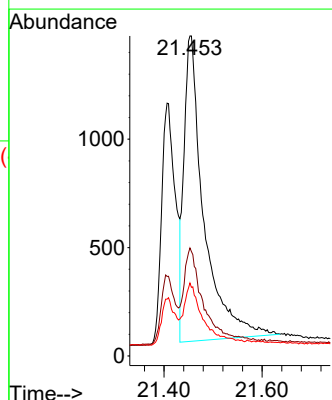
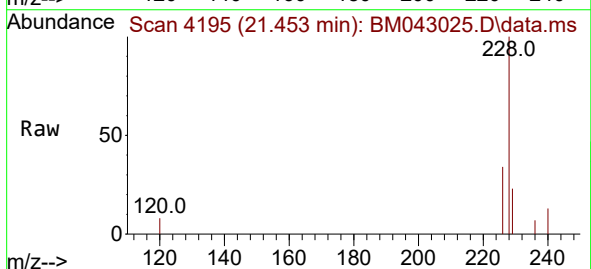
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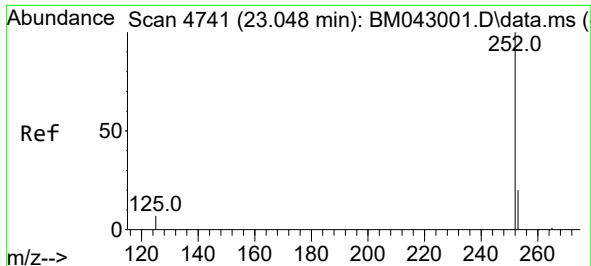
Ion Ratio Lower Upper

228 100

226 33.7 27.2 40.8

229 22.8 18.0 27.0

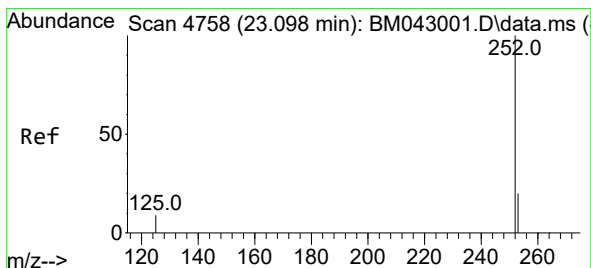
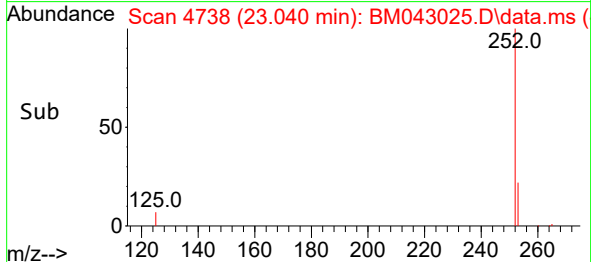
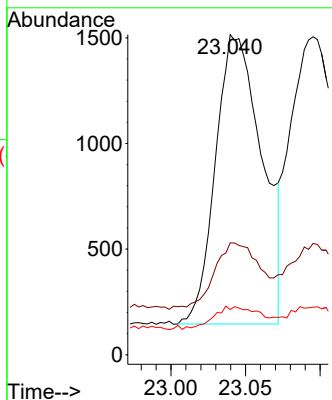
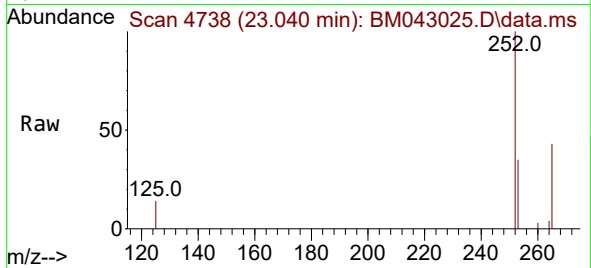




#24
Benzo(b)fluoranthene
Concen: 0.577 ng/ul
RT: 23.040 min Scan# 4741
Delta R.T. -0.012 min
Lab File: BM043025.D
Acq: 25 Nov 2023 20:27

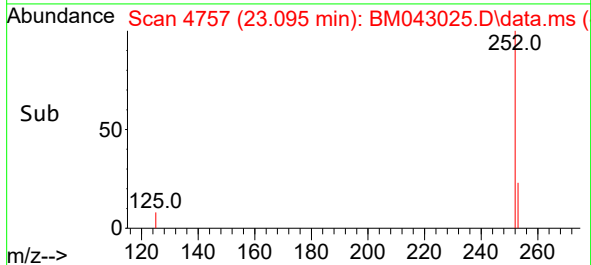
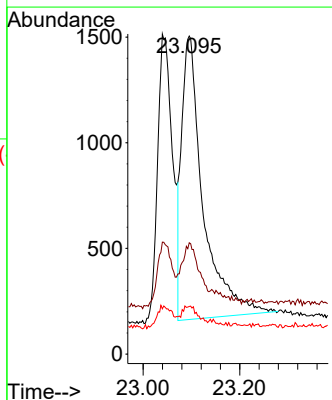
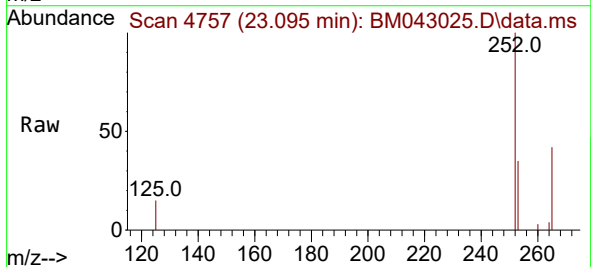
Instrument :
BNA_M
ClientSampleId :
SLCS276

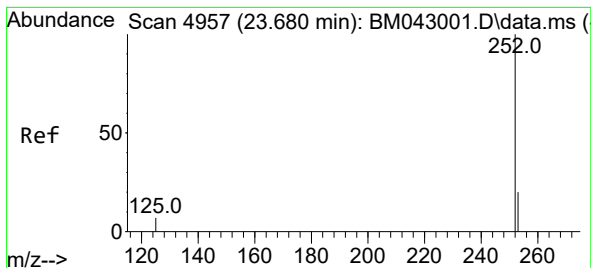
Tgt Ion:252	Resp:	2961
Ion Ratio	Lower	Upper
252	100	
253	35.0	0.0 71.8
125	14.1	0.0 29.0



#25
Benzo(k)fluoranthene
Concen: 0.585 ng/ul
RT: 23.095 min Scan# 4757
Delta R.T. -0.003 min
Lab File: BM043025.D
Acq: 25 Nov 2023 20:27

Tgt Ion:252	Resp:	4131
Ion Ratio	Lower	Upper
252	100	
253	35.0	28.2 42.2
125	15.0	11.0 16.6





#26

Benzo(a)pyrene

Concen: 0.560 ng/ul

RT: 23.677 min Scan# 4956

Delta R.T. -0.009 min

Lab File: BM043025.D

Acq: 25 Nov 2023 20:27

Instrument :

BNA_M

ClientSampleId :

SLCS276

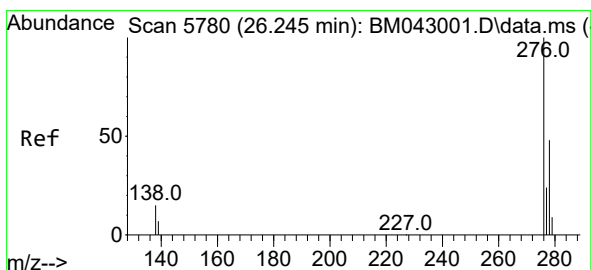
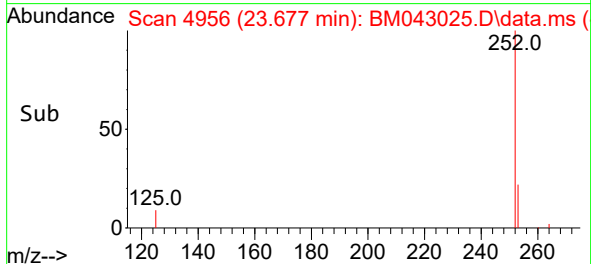
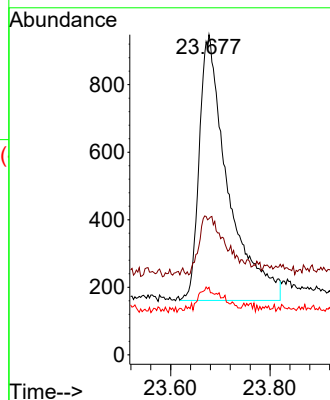
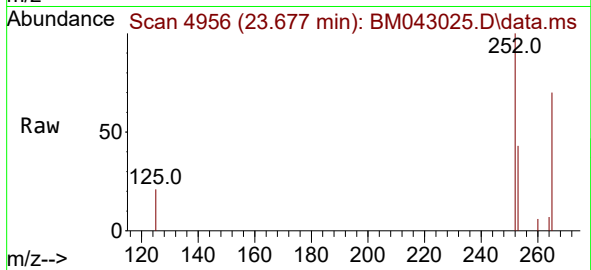
Tgt Ion:252 Resp: 3134

Ion Ratio Lower Upper

252 100

253 42.5 36.6 55.0

125 21.1 16.2 24.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.571 ng/ul

RT: 26.239 min Scan# 5778

Delta R.T. 0.000 min

Lab File: BM043025.D

Acq: 25 Nov 2023 20:27

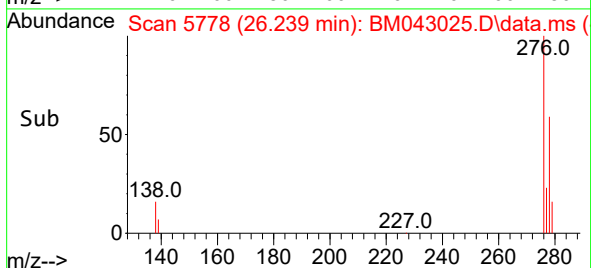
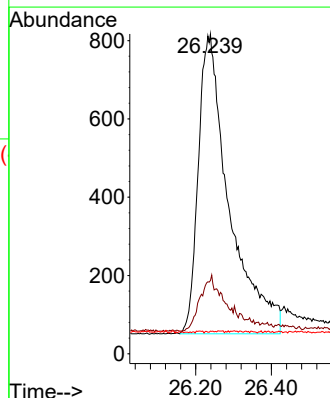
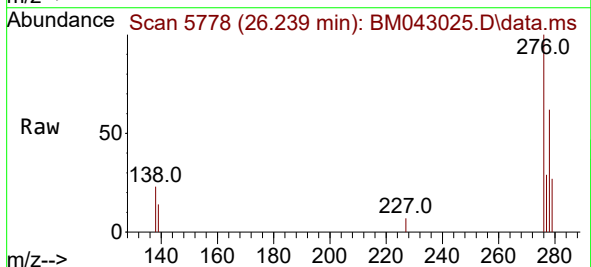
Tgt Ion:276 Resp: 4326

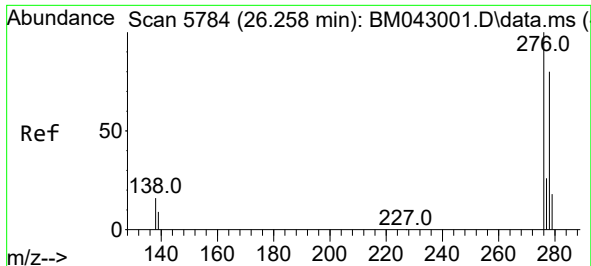
Ion Ratio Lower Upper

276 100

138 14.4 0.0 0.0#

227 0.0 0.2 0.2#

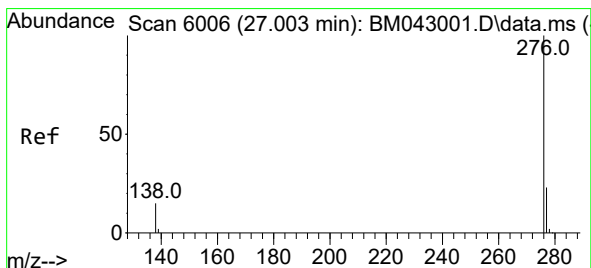
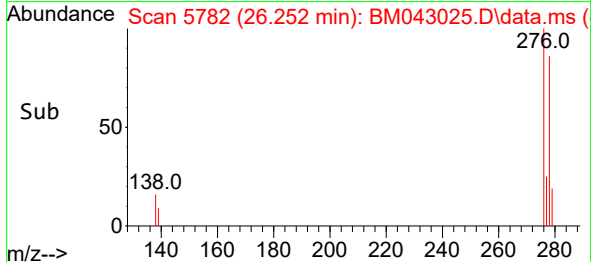
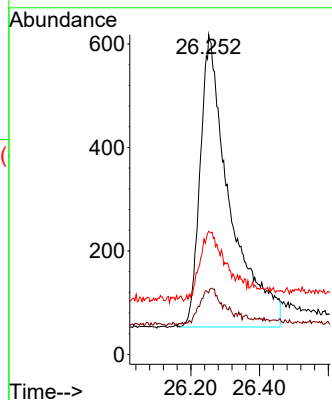
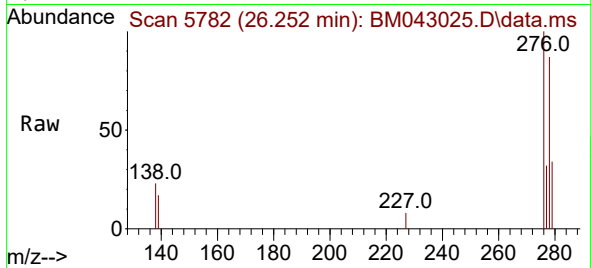




#28
 Dibenzo(a,h)anthracene
 Concen: 0.574 ng/ul
 RT: 26.252 min Scan# 51
 Delta R.T. -0.023 min
 Lab File: BM043025.D
 Acq: 25 Nov 2023 20:27

Instrument :
 BNA_M
 ClientSampleId :
 SLCS276

Tgt Ion:	278	Resp:	3367
Ion Ratio	Lower	Upper	
278	100		
139	19.3	18.1	27.1
279	38.5	34.4	51.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.562 ng/ul
 RT: 26.990 min Scan# 6002
 Delta R.T. -0.020 min
 Lab File: BM043025.D
 Acq: 25 Nov 2023 20:27

Tgt Ion:	276	Resp:	4143
Ion Ratio	Lower	Upper	
276	100		
138	22.3	17.8	26.8
277	28.6	23.8	35.8

