

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042998.D
 Acq On : 25 Nov 2023 03:00
 Operator : MA/JU
 Sample : PB157190BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS190

Quant Time: Nov 25 03:37:31 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 : Fri Nov 24 15:22:31 2023
 Response via : Initial Calibration

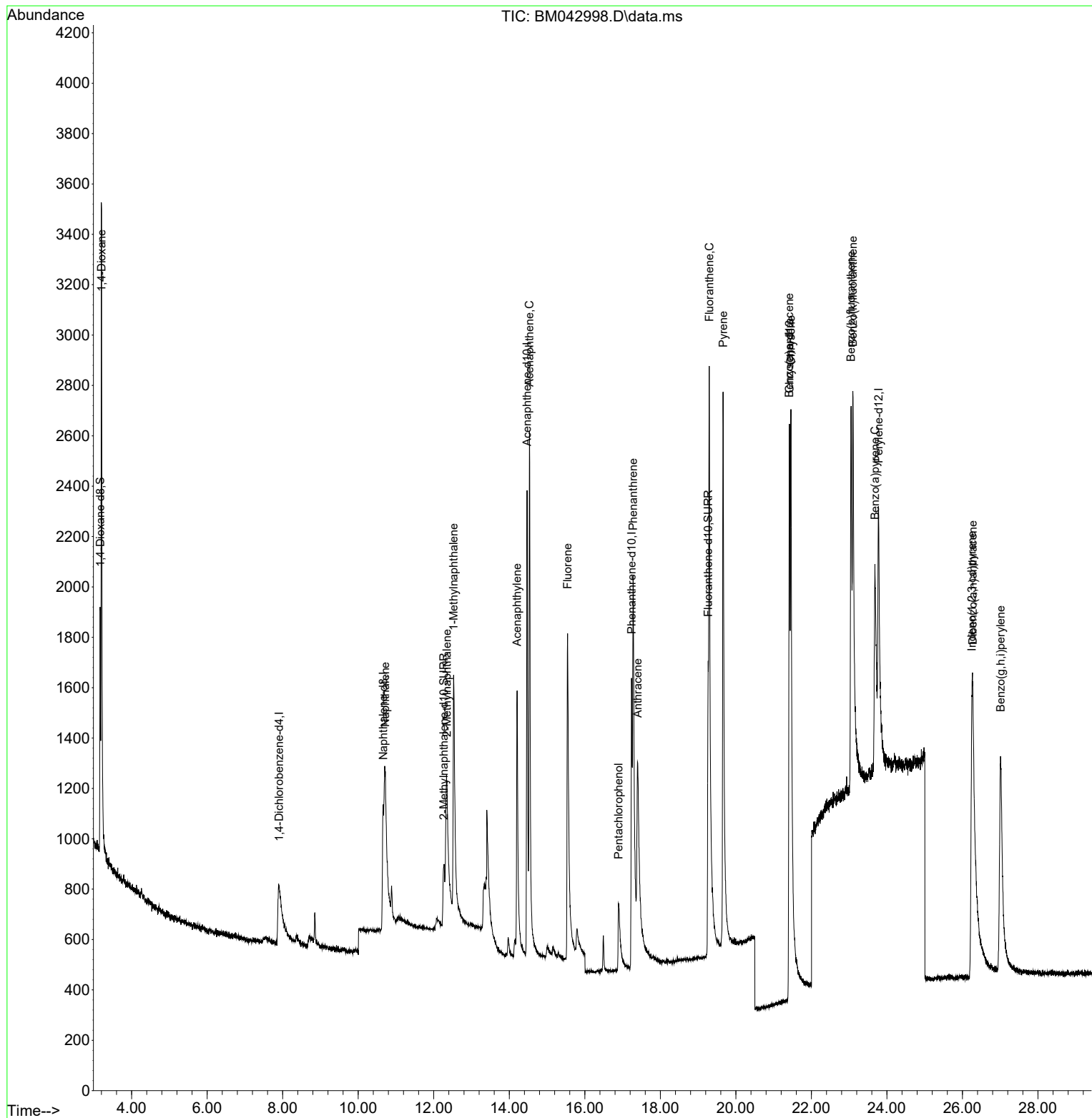
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.906	152	600	0.400	ng/ul	0.03
4) Naphthalene-d8	10.662	136	2174	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.470	164	1366	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.238	188	2952	0.400	ng/ul	0.00
17) Chrysene-d12	21.420	240	1886	0.400	ng/ul	0.00
23) Perylene-d12	23.779	264	2183	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	711	0.772	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	1019	0.350	ng/ul	0.02
18) Fluoranthene-d10	19.267	212	2437	0.355	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.202	88	2025	2.048	ng/ul#	86
5) Naphthalene	10.717	128	1871	0.317	ng/ul	96
7) 2-Methylnaphthalene	12.350	142	1087	0.312	ng/ul	97
8) 1-Methylnaphthalene	12.526	142	1165	0.300	ng/ul	98
10) Acenaphthylene	14.206	152	2170	0.311	ng/ul	100
11) Acenaphthene	14.534	153	1676	0.317	ng/ul	99
12) Fluorene	15.543	166	1776	0.327	ng/ul#	96
14) Pentachlorophenol	16.892	266	522	0.653	ng/ul	97
15) Phenanthrene	17.281	178	2704	0.321	ng/ul	98
16) Anthracene	17.395	178	2591	0.325	ng/ul	97
19) Fluoranthene	19.295	202	3549	0.332	ng/ul	100
20) Pyrene	19.662	202	3784	0.333	ng/ul	99
21) Benzo(a)anthracene	21.414	228	2110	0.345	ng/ul	99
22) Chrysene	21.458	228	3851	0.338	ng/ul	99
24) Benzo(b)fluoranthene	23.051	252	2768	0.376	ng/ul	99
25) Benzo(k)fluoranthene	23.098	252	3672	0.362	ng/ul	99
26) Benzo(a)pyrene	23.683	252	2716	0.338	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.248	276	3433	0.316	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.275	278	2623	0.312	ng/ul	98
29) Benzo(g,h,i)perylene	27.010	276	3396	0.321	ng/ul	98

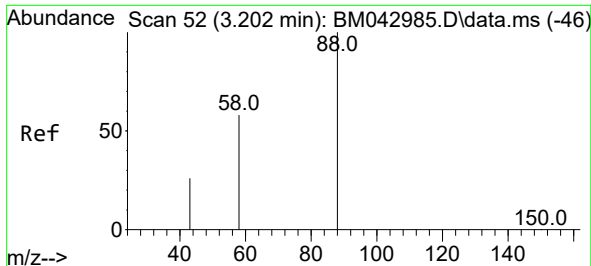
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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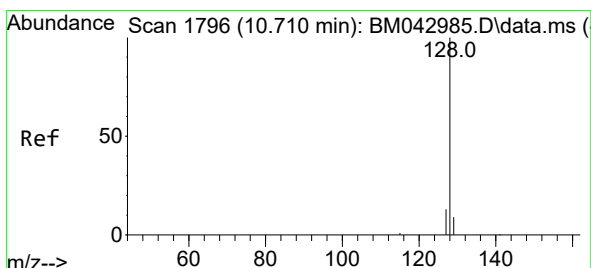
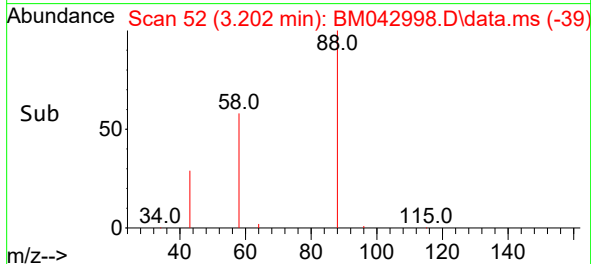
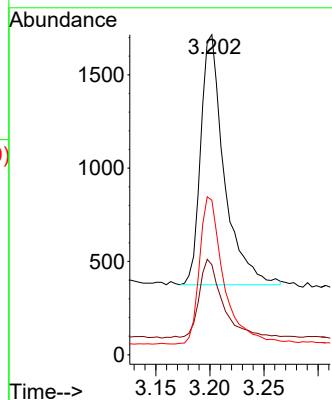
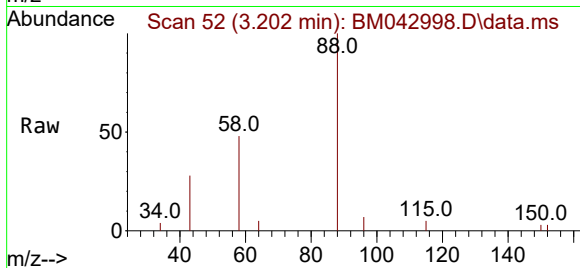




#2
1,4-Dioxane
Concen: 2.048 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042998.D
Acq: 25 Nov 2023 03:00

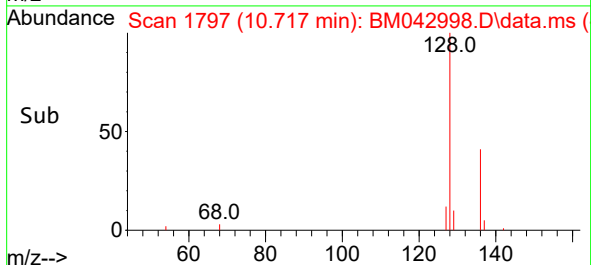
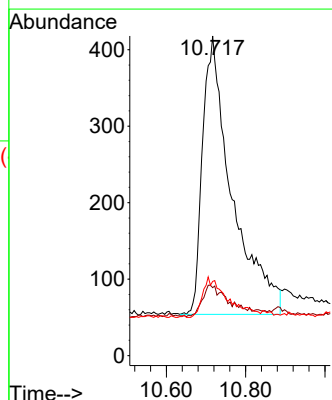
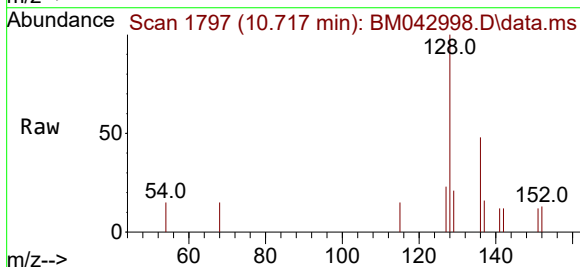
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BNA_M
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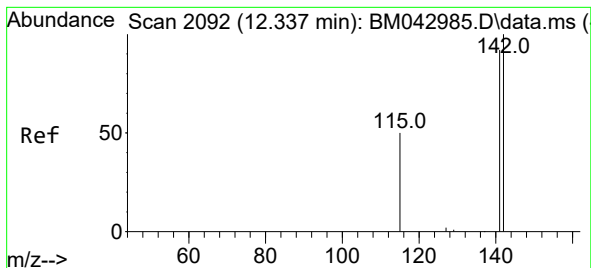
Tgt Ion: 88 Resp: 2025
Ion Ratio Lower Upper
88 100
43 28.1 22.8 34.2
58 48.3 26.8 40.2#



#5
Naphthalene
Concen: 0.317 ng/ul
RT: 10.717 min Scan# 1797
Delta R.T. 0.018 min
Lab File: BM042998.D
Acq: 25 Nov 2023 03:00

Tgt Ion: 128 Resp: 1871
Ion Ratio Lower Upper
128 100
129 21.3 16.0 24.0
127 23.2 16.5 24.7

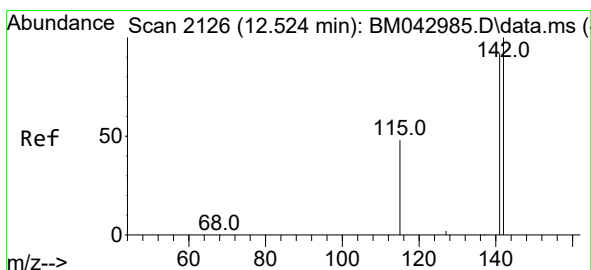
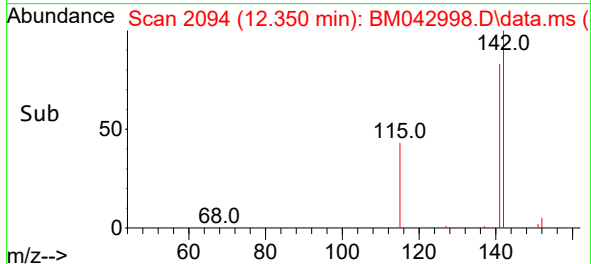
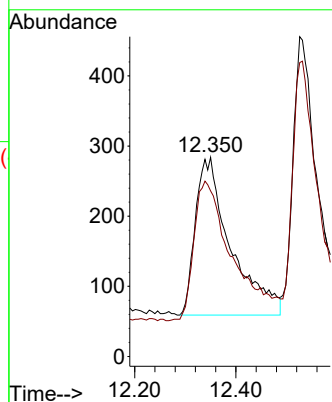
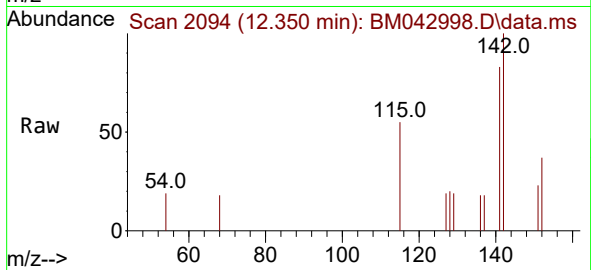




#7
2-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.350 min Scan# 2094
Delta R.T. 0.018 min
Lab File: BM042998.D
Acq: 25 Nov 2023 03:00

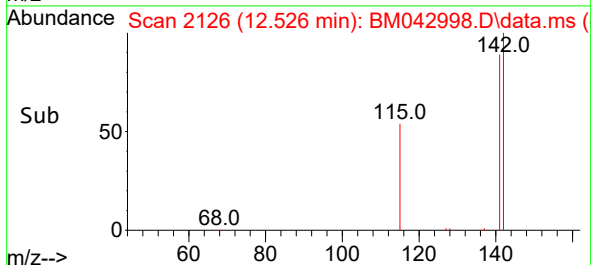
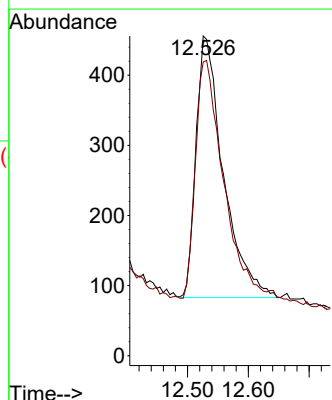
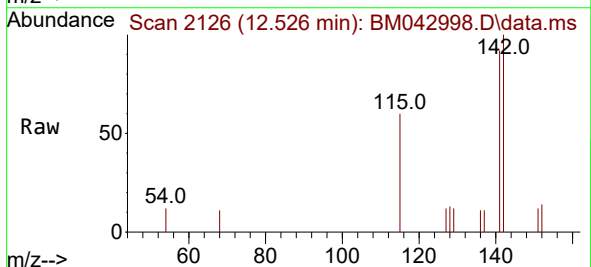
Instrument :
BNA_M
ClientSampleId :
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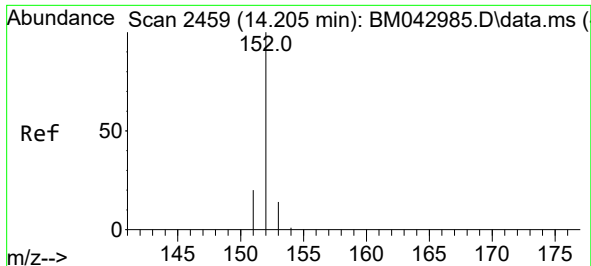
Tgt Ion:142 Resp: 1087
Ion Ratio Lower Upper
142 100
141 97.7 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.526 min Scan# 2126
Delta R.T. 0.007 min
Lab File: BM042998.D
Acq: 25 Nov 2023 03:00

Tgt Ion:142 Resp: 1165
Ion Ratio Lower Upper
142 100
141 94.2 73.8 110.8

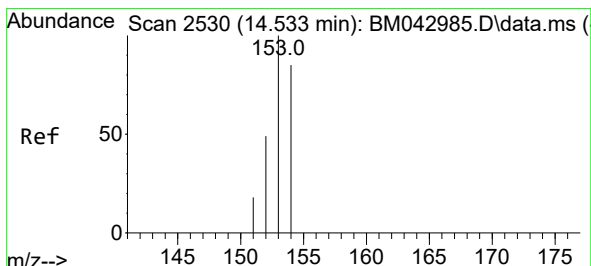
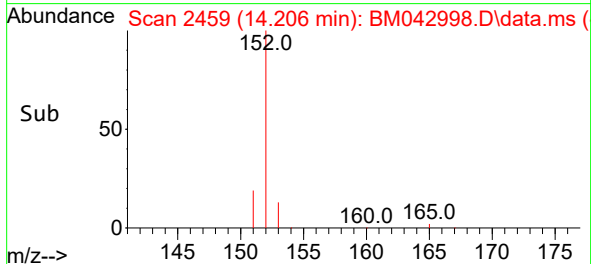
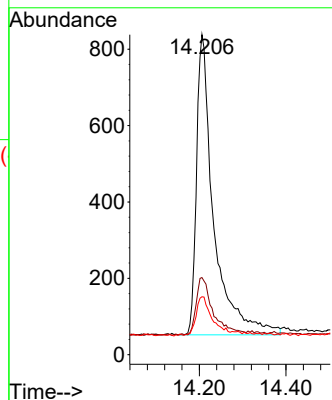
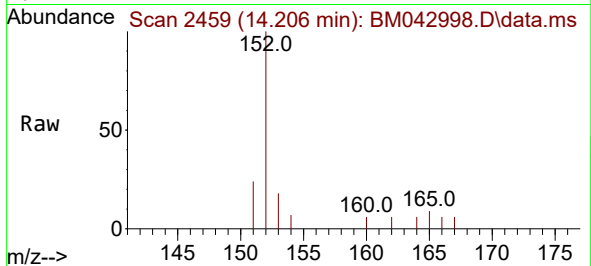




#10
Acenaphthylene
Concen: 0.311 ng/ul
RT: 14.206 min Scan# 2459
Delta R.T. 0.001 min
Lab File: BM042998.D
Acq: 25 Nov 2023 03:00

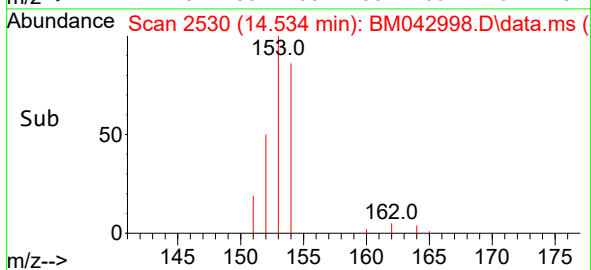
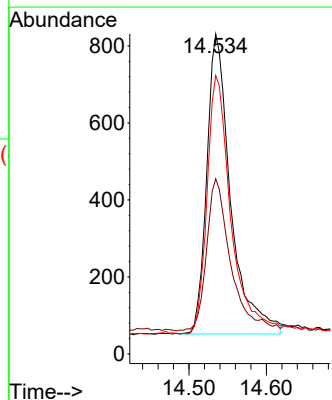
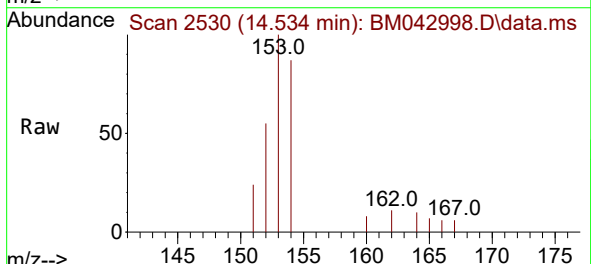
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ClientSampleId :
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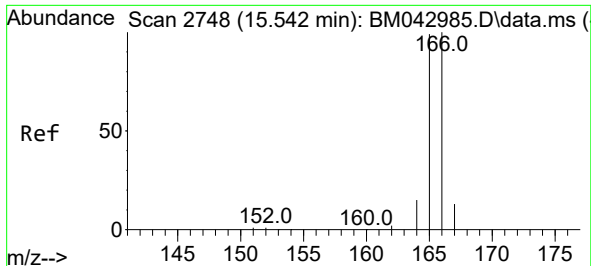
Tgt Ion:152 Resp: 2170
Ion Ratio Lower Upper
152 100
151 24.1 19.4 29.0
153 18.1 14.6 21.8



#11
Acenaphthene
Concen: 0.317 ng/ul
RT: 14.534 min Scan# 2530
Delta R.T. 0.001 min
Lab File: BM042998.D
Acq: 25 Nov 2023 03:00

Tgt Ion:153 Resp: 1676
Ion Ratio Lower Upper
153 100
152 54.8 43.9 65.9
154 87.0 70.6 105.8

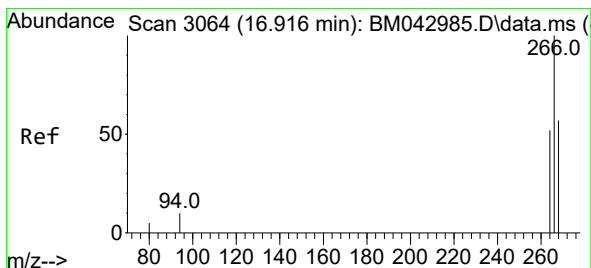
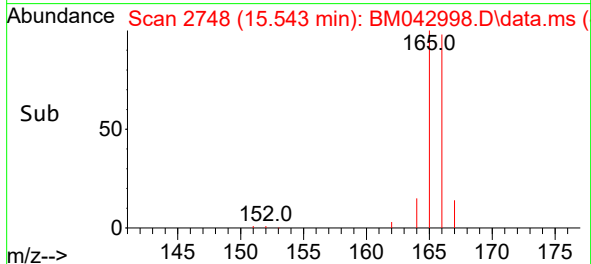
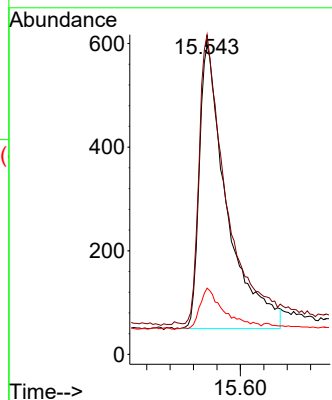
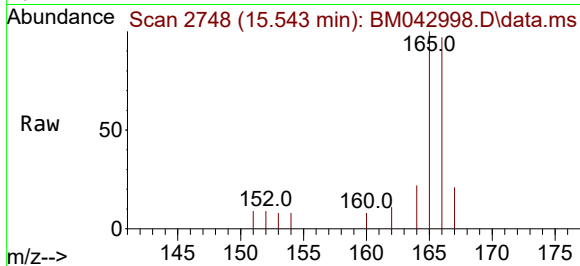




#12
Fluorene
Concen: 0.327 ng/ul
RT: 15.543 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM042998.D
Acq: 25 Nov 2023 03:00

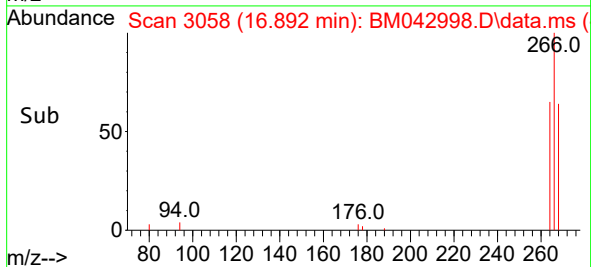
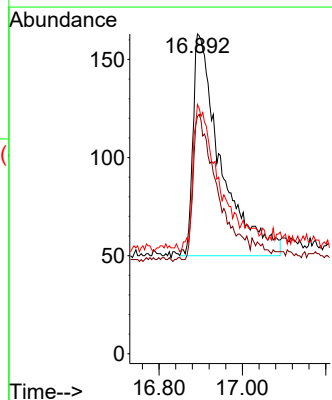
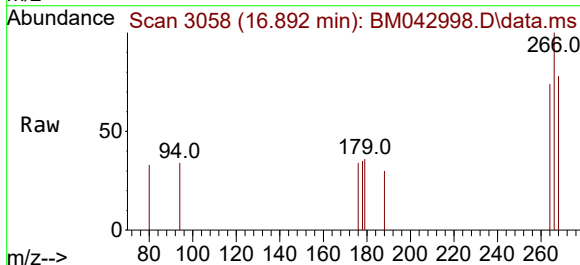
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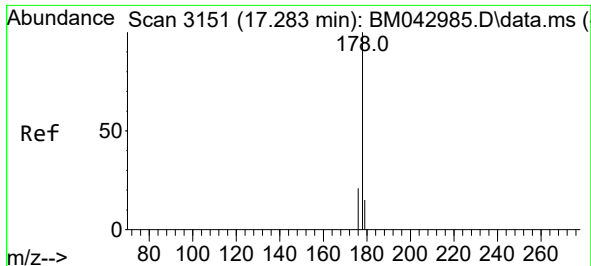
Tgt Ion:166 Resp: 1776
Ion Ratio Lower Upper
166 100
165 103.4 79.9 119.9
167 21.4 14.2 21.4#



#14
Pentachlorophenol
Concen: 0.653 ng/ul
RT: 16.892 min Scan# 3058
Delta R.T. -0.020 min
Lab File: BM042998.D
Acq: 25 Nov 2023 03:00

Tgt Ion:266 Resp: 522
Ion Ratio Lower Upper
266 100
264 57.1 48.8 73.2
268 65.3 51.8 77.6

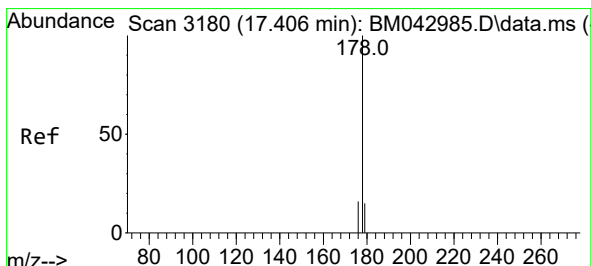
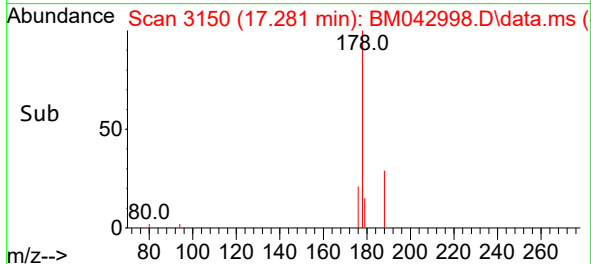
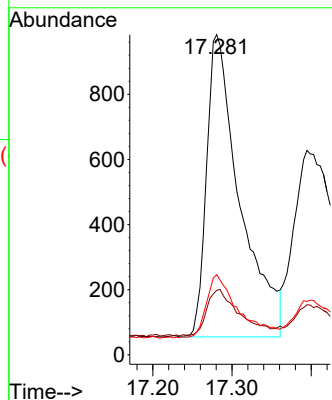
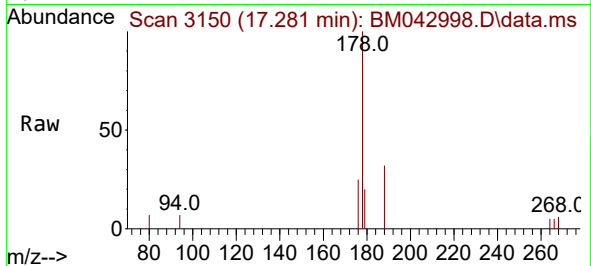




#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.281 min Scan# 3150
Delta R.T. 0.001 min
Lab File: BM042998.D
Acq: 25 Nov 2023 03:00

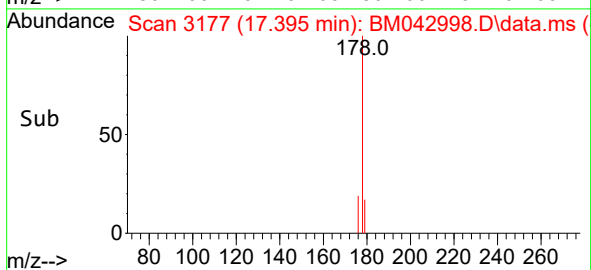
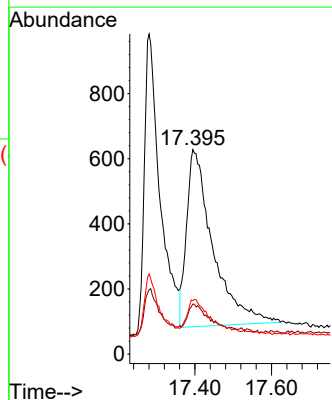
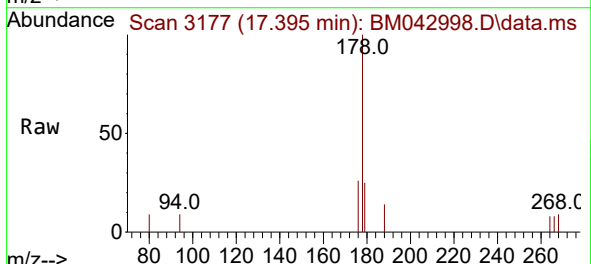
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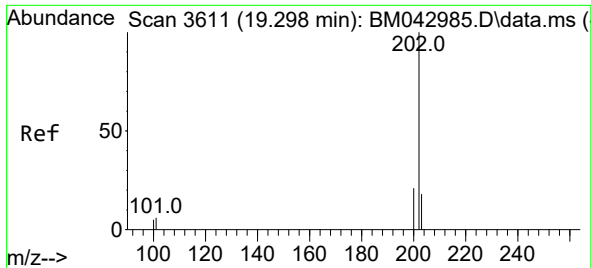
Tgt Ion:178 Resp: 2704
Ion Ratio Lower Upper
178 100
179 20.1 15.7 23.5
176 25.0 18.9 28.3



#16
Anthracene
Concen: 0.325 ng/ul
RT: 17.395 min Scan# 3177
Delta R.T. 0.001 min
Lab File: BM042998.D
Acq: 25 Nov 2023 03:00

Tgt Ion:178 Resp: 2591
Ion Ratio Lower Upper
178 100
179 24.5 17.3 25.9
176 26.1 20.5 30.7

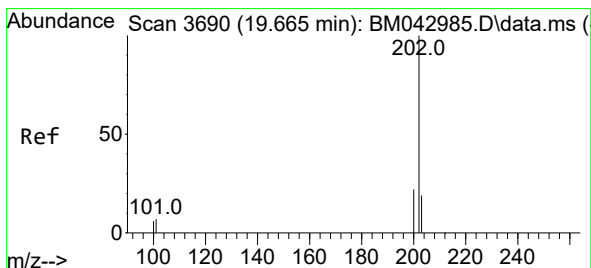
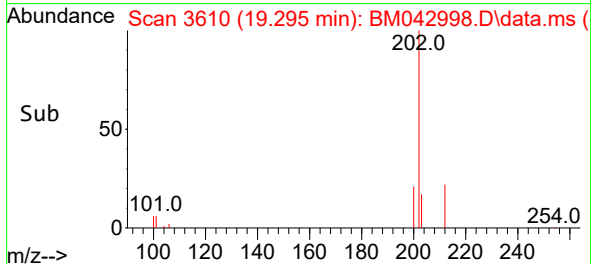
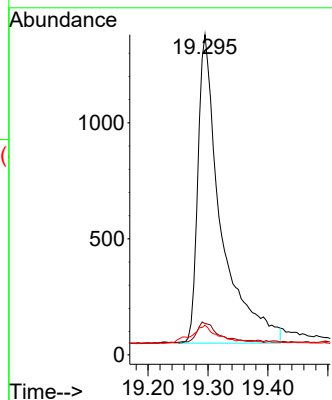
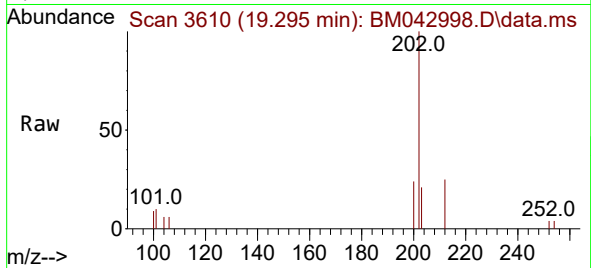




#19
Fluoranthene
Concen: 0.332 ng/ul
RT: 19.295 min Scan# 3610
Delta R.T. 0.001 min
Lab File: BM042998.D
Acq: 25 Nov 2023 03:00

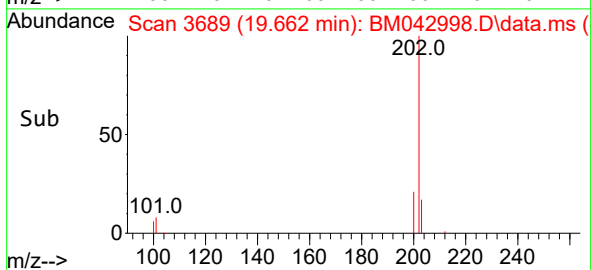
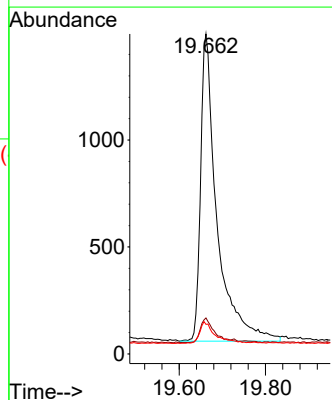
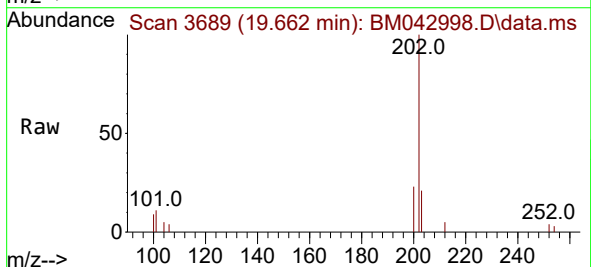
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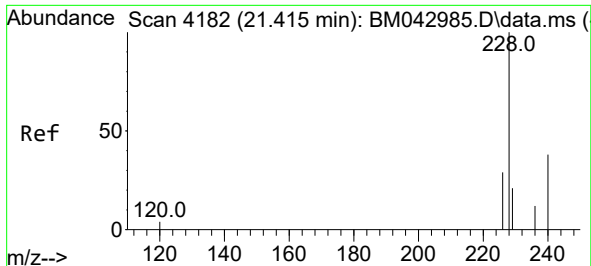
Tgt Ion:202 Resp: 3549
Ion Ratio Lower Upper
202 100
101 9.8 7.8 11.8
100 9.2 7.1 10.7



#20
Pyrene
Concen: 0.333 ng/ul
RT: 19.662 min Scan# 3689
Delta R.T. 0.001 min
Lab File: BM042998.D
Acq: 25 Nov 2023 03:00

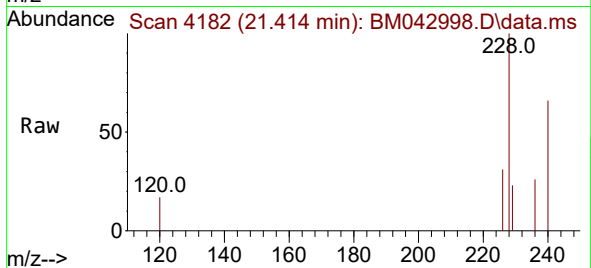
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Ion Ratio Lower Upper
202 100
101 11.2 8.7 13.1
100 9.2 7.8 11.8



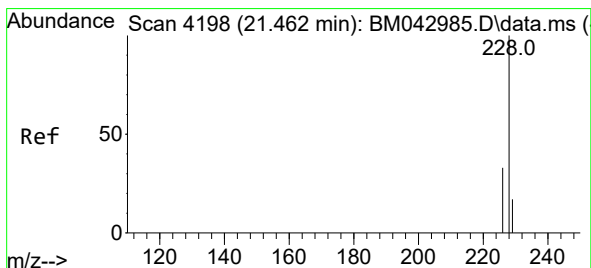
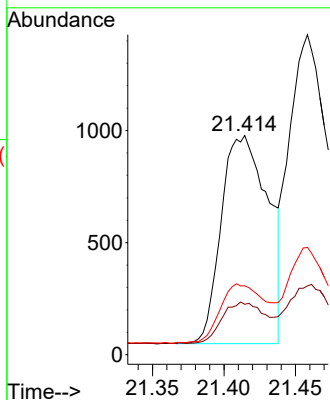
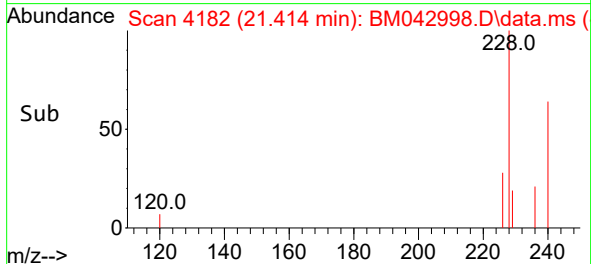


#21
Benzo(a)anthracene
Concen: 0.345 ng/ul
RT: 21.414 min Scan# 4182
Delta R.T. 0.003 min
Lab File: BM042998.D
Acq: 25 Nov 2023 03:00

Instrument :
BNA_M
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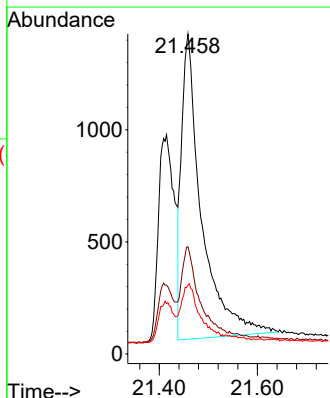
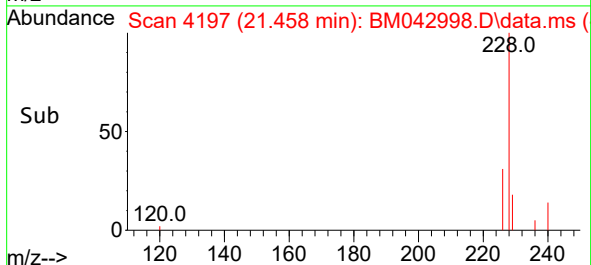
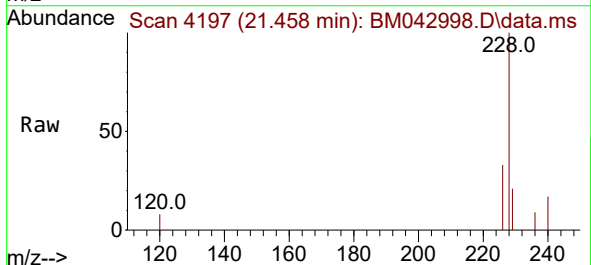


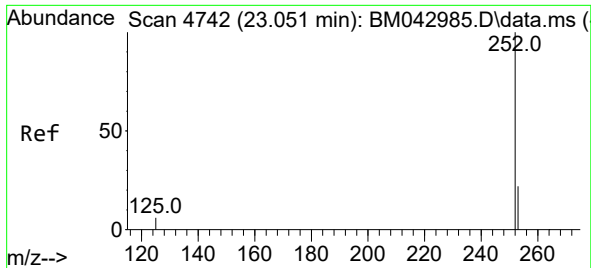
Tgt Ion:228 Resp: 2110
Ion Ratio Lower Upper
228 100
229 23.0 19.4 29.0
226 31.4 24.9 37.3



#22
Chrysene
Concen: 0.338 ng/ul
RT: 21.458 min Scan# 4197
Delta R.T. -0.000 min
Lab File: BM042998.D
Acq: 25 Nov 2023 03:00

Tgt Ion:228 Resp: 3851
Ion Ratio Lower Upper
228 100
226 33.5 27.2 40.8
229 21.5 18.0 27.0

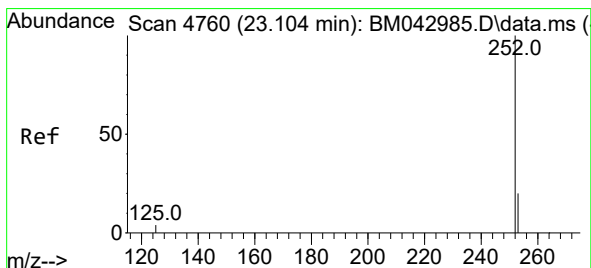
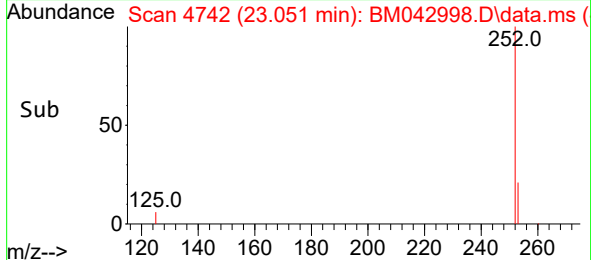
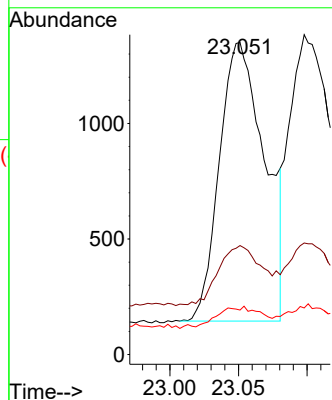
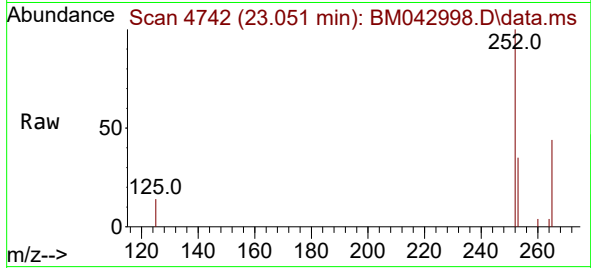




#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 23.051 min Scan# 4742
Delta R.T. -0.000 min
Lab File: BM042998.D
Acq: 25 Nov 2023 03:00

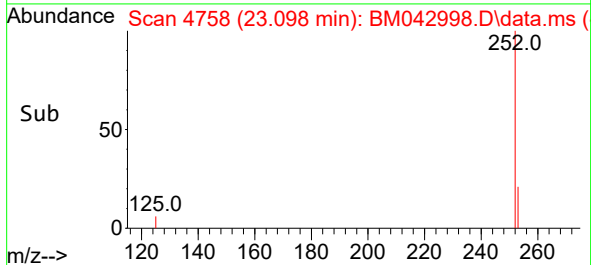
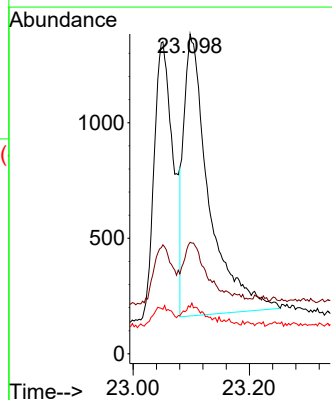
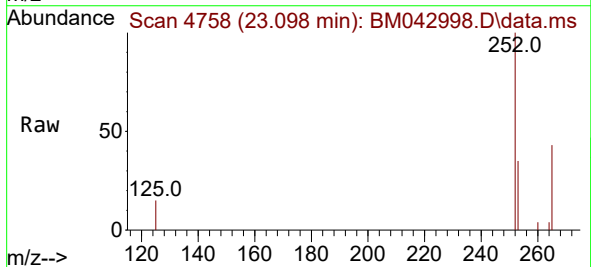
Instrument :
BNA_M
ClientSampleId :
SLCS190

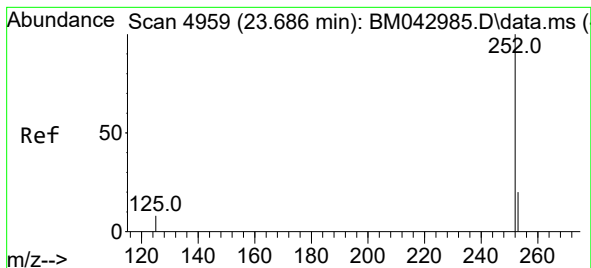
Tgt Ion:252 Resp: 2768
Ion Ratio Lower Upper
252 100
253 35.0 0.0 71.8
125 14.3 0.0 29.0



#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul
RT: 23.098 min Scan# 4758
Delta R.T. -0.000 min
Lab File: BM042998.D
Acq: 25 Nov 2023 03:00

Tgt Ion:252 Resp: 3672
Ion Ratio Lower Upper
252 100
253 34.9 28.2 42.2
125 14.6 11.0 16.6





#26

Benzo(a)pyrene

Concen: 0.338 ng/ul

RT: 23.683 min Scan# 4958

Delta R.T. -0.003 min

Lab File: BM042998.D

Acq: 25 Nov 2023 03:00

Instrument :

BNA_M

ClientSampleId :

SLCS190

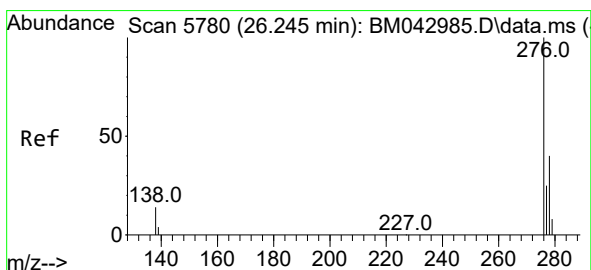
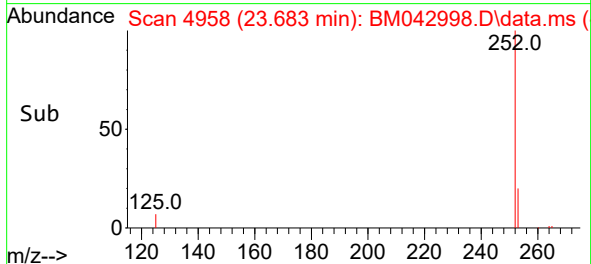
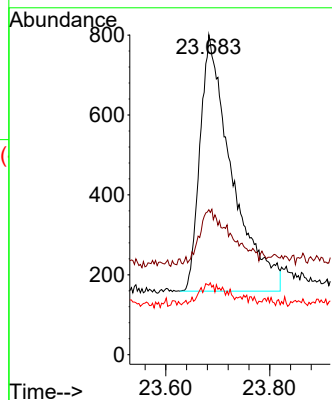
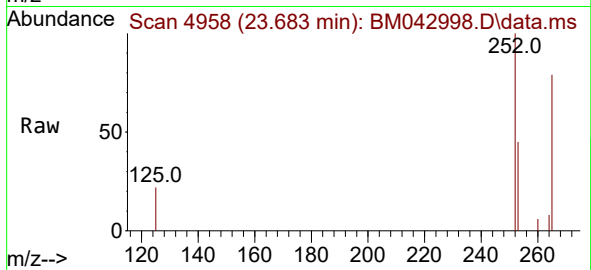
Tgt Ion:252 Resp: 2716

Ion Ratio Lower Upper

252 100

253 45.3 36.6 55.0

125 21.7 16.2 24.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.316 ng/ul

RT: 26.248 min Scan# 5781

Delta R.T. 0.010 min

Lab File: BM042998.D

Acq: 25 Nov 2023 03:00

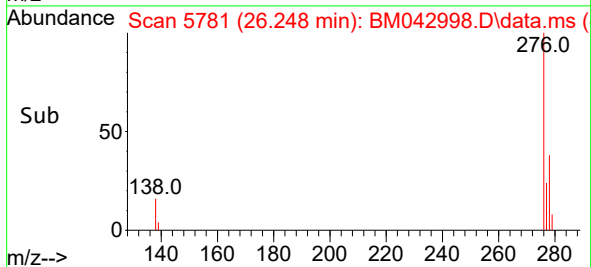
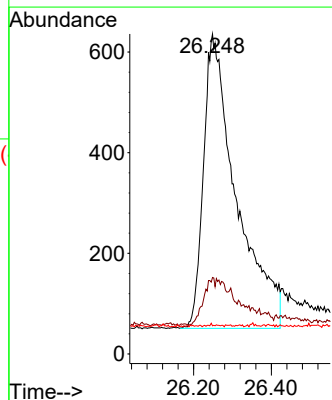
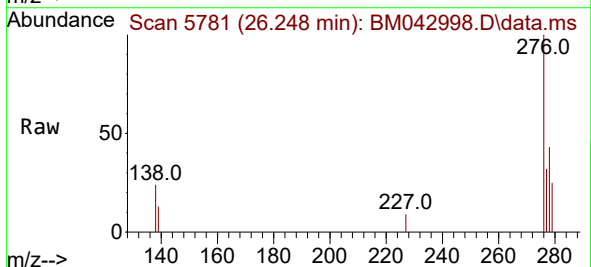
Tgt Ion:276 Resp: 3433

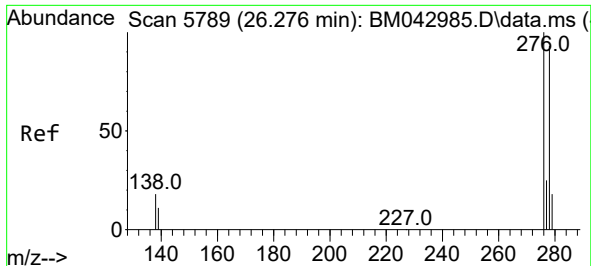
Ion Ratio Lower Upper

276 100

138 17.5 0.0 0.0#

227 0.1 0.2 0.2#

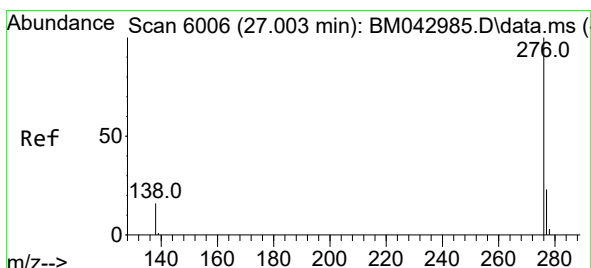
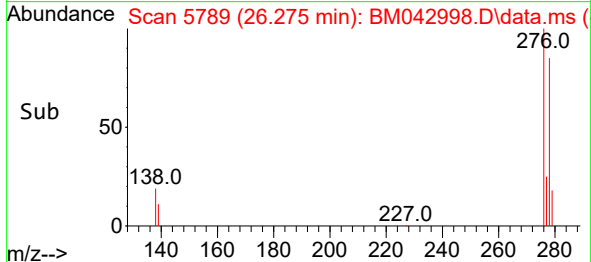
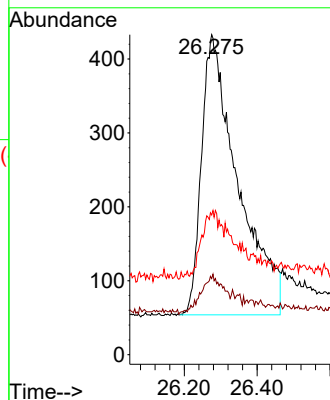
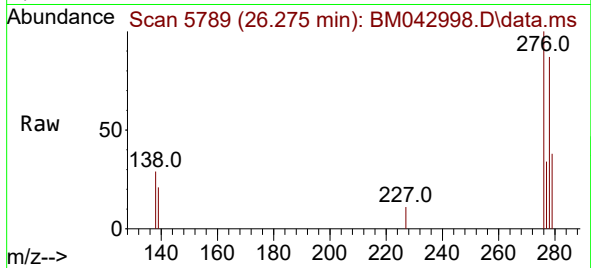




#28
 Dibenzo(a,h)anthracene
 Concen: 0.312 ng/ul
 RT: 26.275 min Scan# 5789
 Delta R.T. -0.000 min
 Lab File: BM042998.D
 Acq: 25 Nov 2023 03:00

Instrument :
 BNA_M
 ClientSampleId :
 SLCS190

Tgt Ion:	278	Resp:	2623
Ion Ratio	Lower	Upper	
278	100		
139	23.8	18.1	27.1
279	43.6	34.4	51.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.321 ng/ul
 RT: 27.010 min Scan# 6008
 Delta R.T. -0.000 min
 Lab File: BM042998.D
 Acq: 25 Nov 2023 03:00

Tgt Ion:	276	Resp:	3396
Ion Ratio	Lower	Upper	
276	100		
138	22.5	17.8	26.8
277	31.6	23.8	35.8

