

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122223\
 Data File : BM043561.D
 Acq On : 23 Dec 2023 05:51
 Operator : MA/JU
 Sample : PB157968BS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS968

Quant Time: Dec 25 00:23:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 23:32:46 2023
 Response via : Initial Calibration

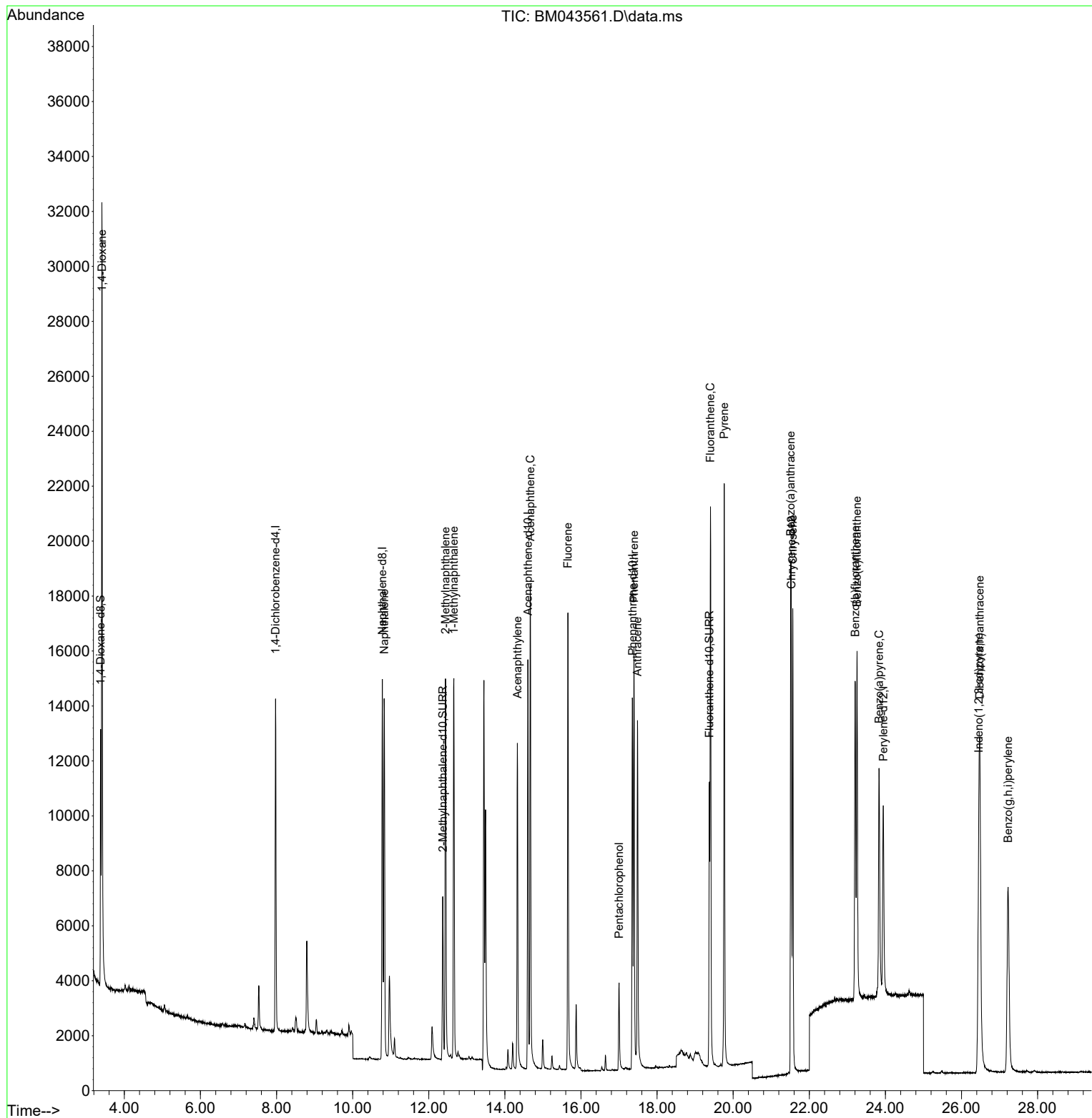
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	6383	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	19352	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.606	164	8749	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	17023	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	10580	0.400	ng/ul	#-0.01
23) Perylene-d12	23.944	264	11039	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	5901	0.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	8440	0.308	ng/ul	-0.01
18) Fluoranthene-d10	19.375	212	11685	0.309	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	17730	2.192	ng/ul#	76
5) Naphthalene	10.828	128	18821	0.324	ng/ul	100
7) 2-Methylnaphthalene	12.440	142	11062	0.295	ng/ul	100
8) 1-Methylnaphthalene	12.660	142	10627	0.282	ng/ul	100
10) Acenaphthylene	14.328	152	15221	0.316	ng/ul	99
11) Acenaphthene	14.671	153	11249	0.321	ng/ul	98
12) Fluorene	15.656	166	12055	0.304	ng/ul	99
14) Pentachlorophenol	16.999	266	2619	0.694	ng/ul	97
15) Phenanthrene	17.392	178	18247	0.321	ng/ul	99
16) Anthracene	17.485	178	16814	0.326	ng/ul	98
19) Fluoranthene	19.403	202	18284	0.306	ng/ul#	92
20) Pyrene	19.766	202	18621	0.314	ng/ul	96
21) Benzo(a)anthracene	21.512	228	14989	0.323	ng/ul	99
22) Chrysene	21.565	228	16375	0.334	ng/ul	99
24) Benzo(b)fluoranthene	23.205	252	16249	0.324	ng/ul	93
25) Benzo(k)fluoranthene	23.254	252	17503	0.337	ng/ul#	92
26) Benzo(a)pyrene	23.833	252	14348	0.347	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.455	276	19715	0.419	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.482	278	16022	0.430	ng/ul	96
29) Benzo(g,h,i)perylene	27.226	276	16797	0.418	ng/ul	96

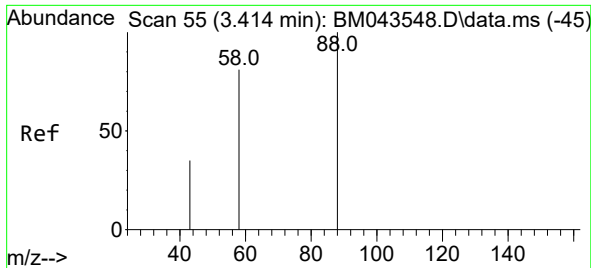
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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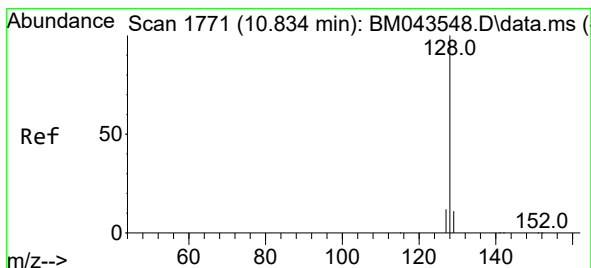
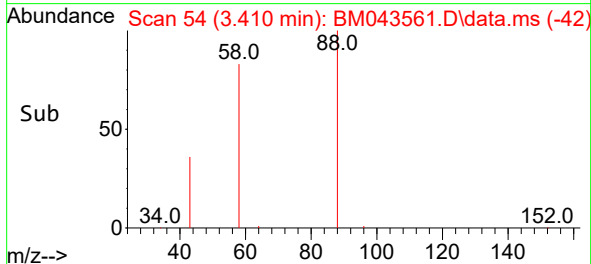
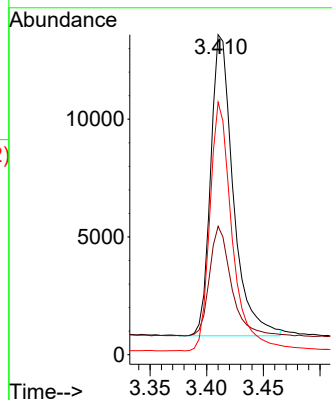
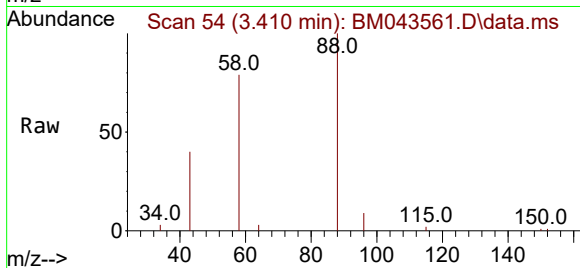




#2
1,4-Dioxane
Concen: 2.192 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.009 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

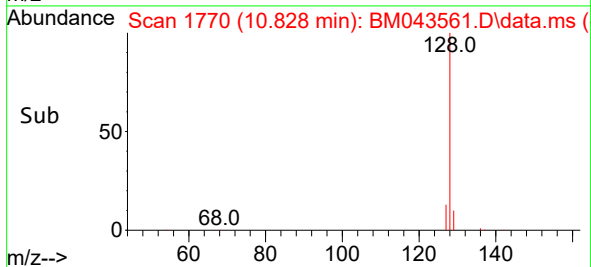
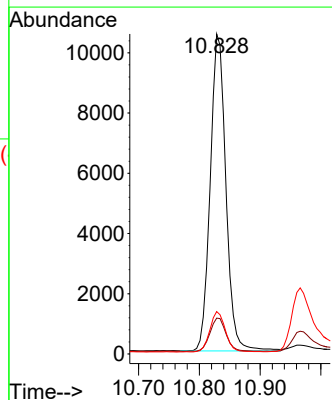
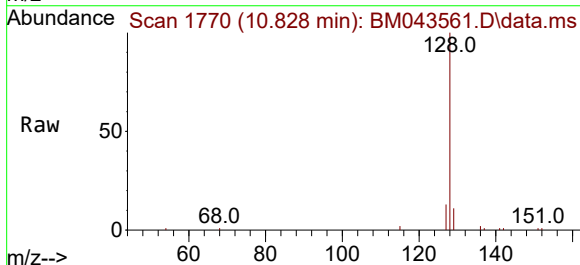
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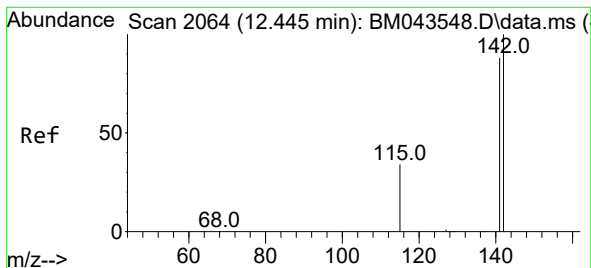
Tgt Ion: 88 Resp: 17730
Ion Ratio Lower Upper
88 100
43 40.1 27.9 41.9
58 78.9 43.4 65.2#



#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.828 min Scan# 1770
Delta R.T. -0.011 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

Tgt Ion: 128 Resp: 18821
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.3 10.3 15.5

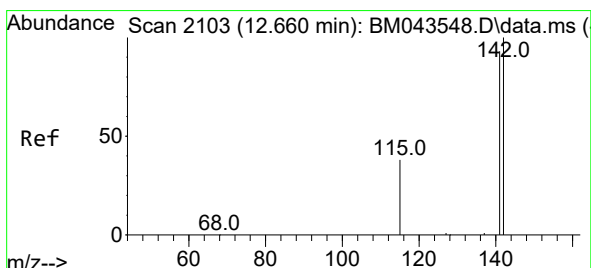
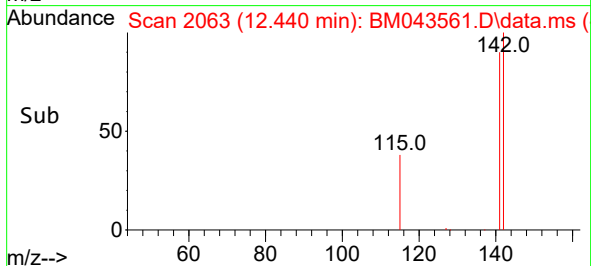
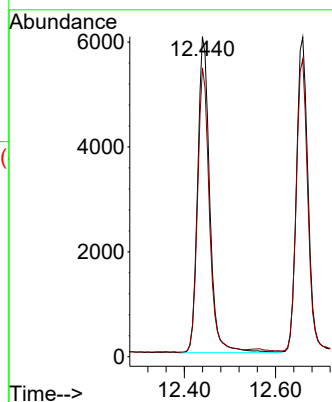
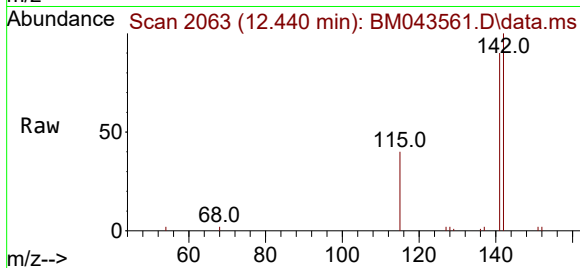




#7
2-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. -0.011 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

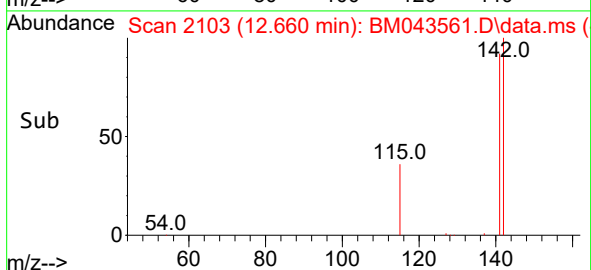
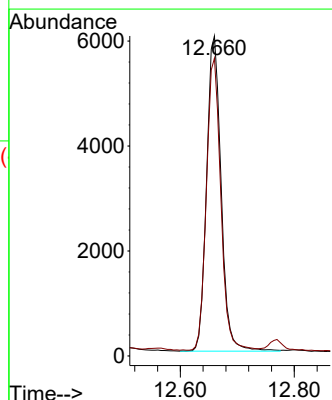
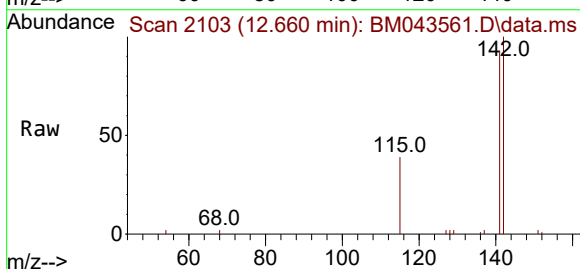
Instrument :
BNA_M
ClientSampleId :
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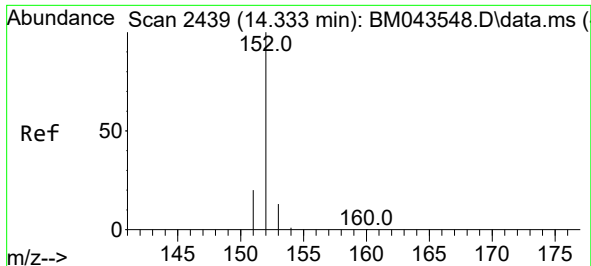
Tgt Ion:142 Resp: 11062
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.282 ng/ul
RT: 12.660 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

Tgt Ion:142 Resp: 10627
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5

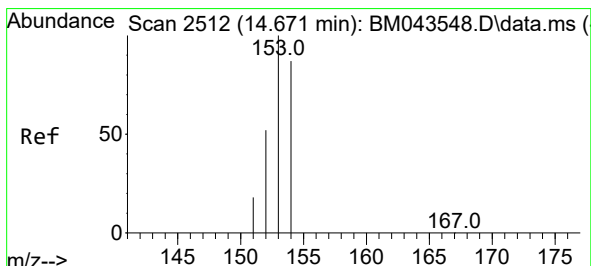
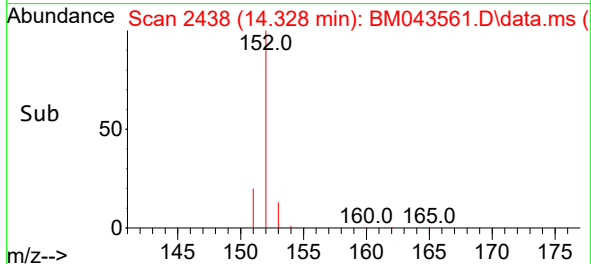
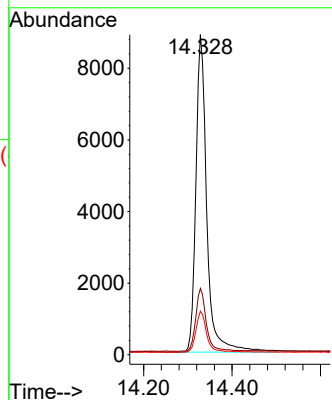
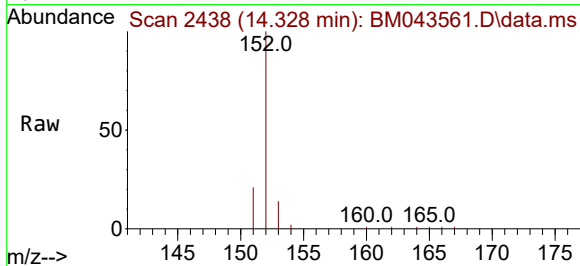




#10
Acenaphthylene
Concen: 0.316 ng/ul
RT: 14.328 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

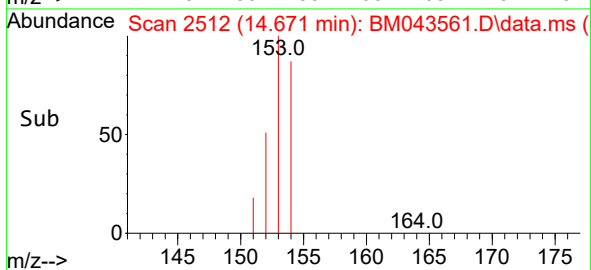
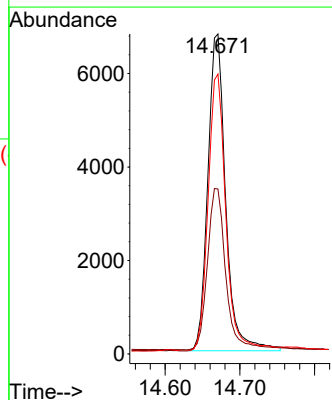
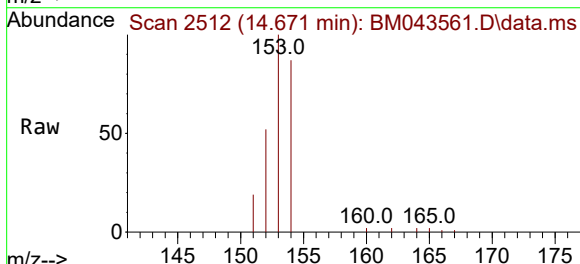
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ClientSampleId :
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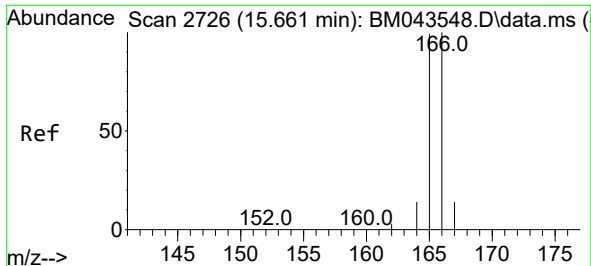
Tgt Ion:152 Resp: 15221
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 13.6 10.4 15.6



#11
Acenaphthene
Concen: 0.321 ng/ul
RT: 14.671 min Scan# 2512
Delta R.T. -0.009 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

Tgt Ion:153 Resp: 11249
Ion Ratio Lower Upper
153 100
152 51.6 42.1 63.1
154 87.5 71.3 106.9

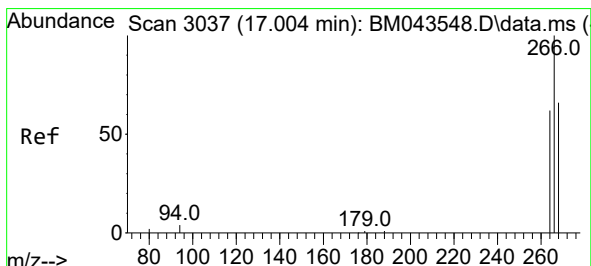
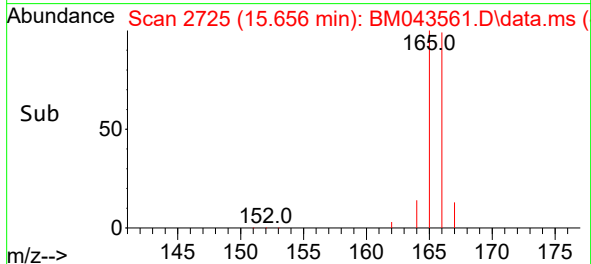
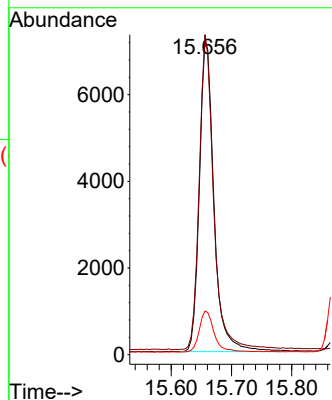
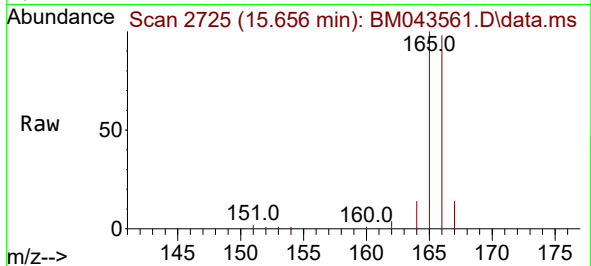




#12
Fluorene
Concen: 0.304 ng/ul
RT: 15.656 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

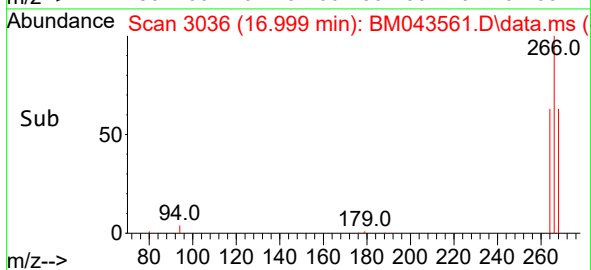
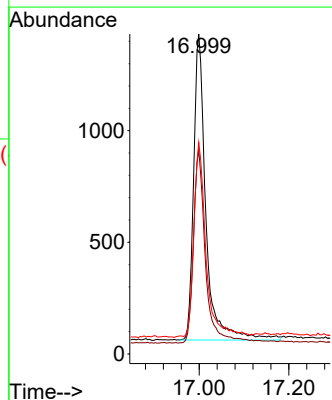
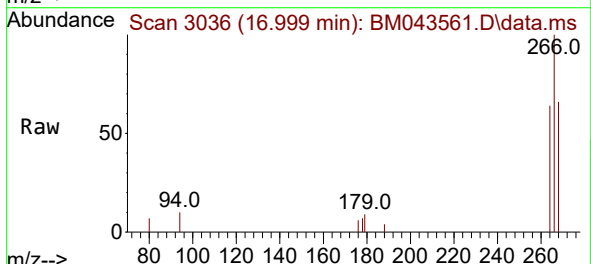
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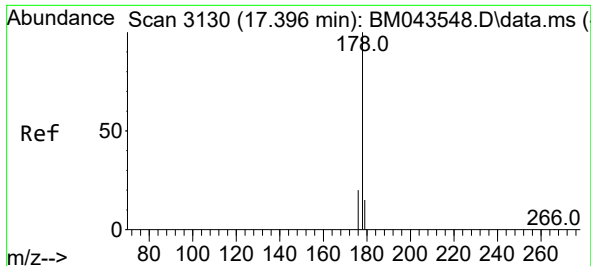
Tgt Ion:166 Resp: 12055
Ion Ratio Lower Upper
166 100
165 101.7 80.3 120.5
167 13.9 10.8 16.2



#14
Pentachlorophenol
Concen: 0.694 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. -0.009 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

Tgt Ion:266 Resp: 2619
Ion Ratio Lower Upper
266 100
264 62.4 51.7 77.5
268 63.2 51.9 77.9

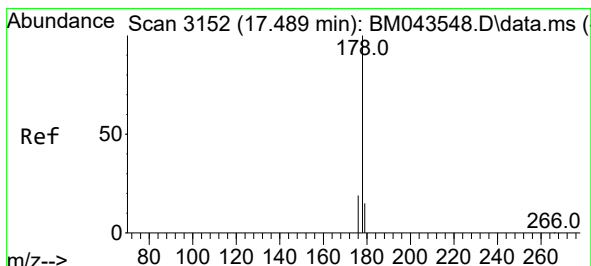
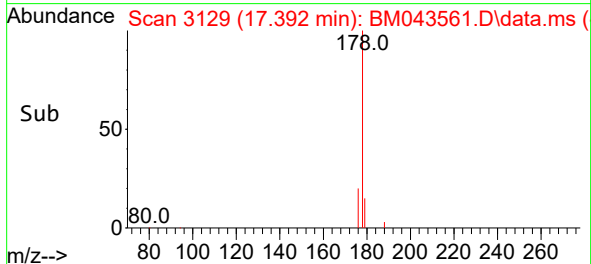
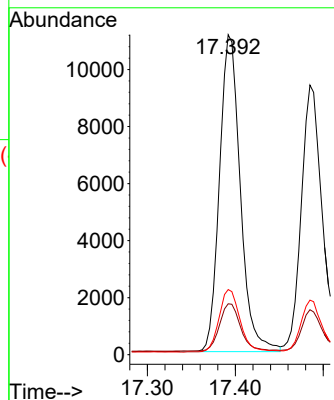
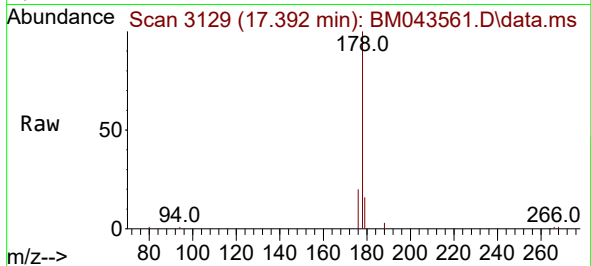




#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.392 min Scan# 311
Delta R.T. -0.009 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

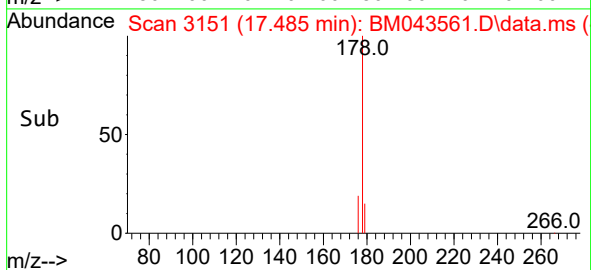
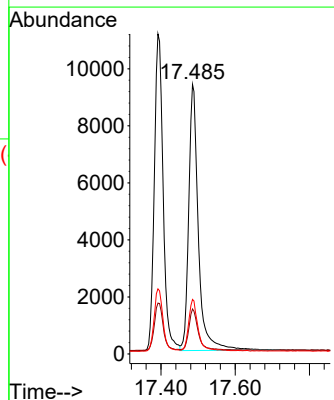
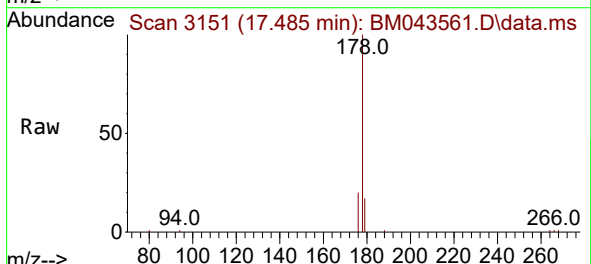
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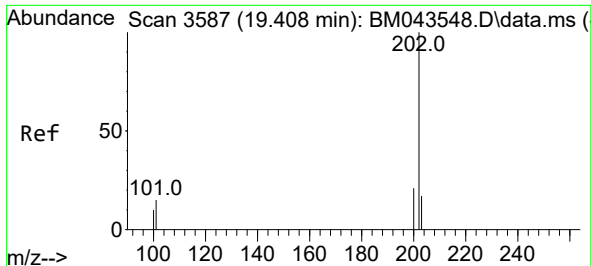
Tgt Ion:178 Resp: 18247
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 20.4 16.2 24.2



#16
Anthracene
Concen: 0.326 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

Tgt Ion:178 Resp: 16814
Ion Ratio Lower Upper
178 100
179 16.6 12.6 18.8
176 20.2 15.6 23.4

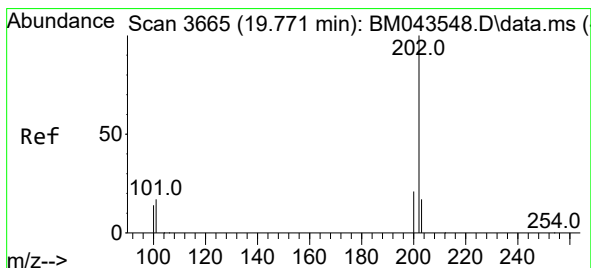
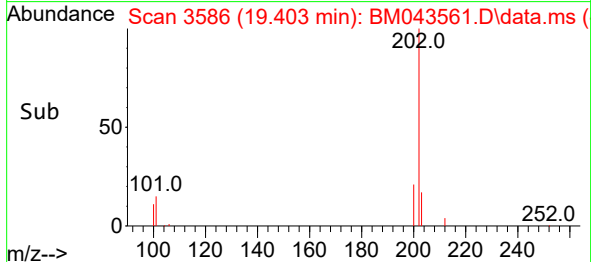
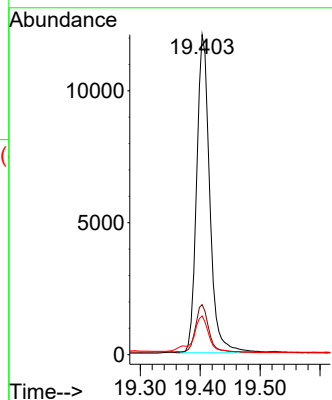
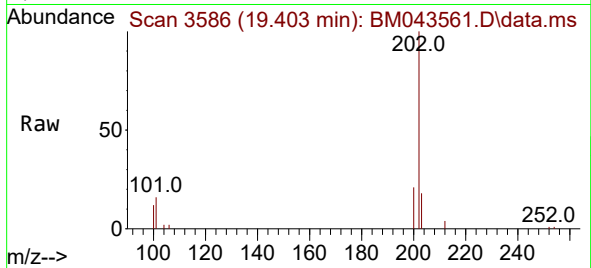




#19
Fluoranthene
Concen: 0.306 ng/ul
RT: 19.403 min Scan# 3586
Delta R.T. -0.009 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

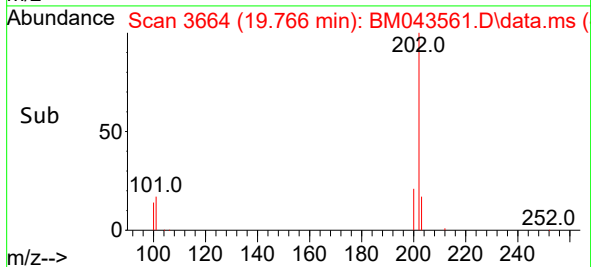
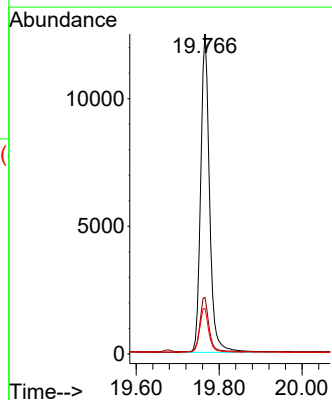
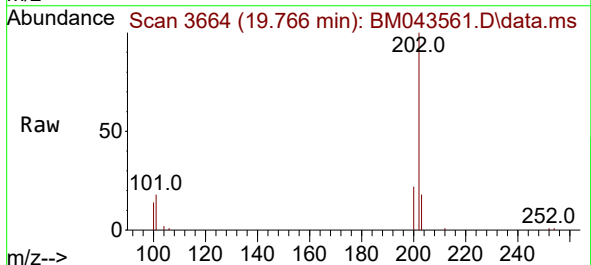
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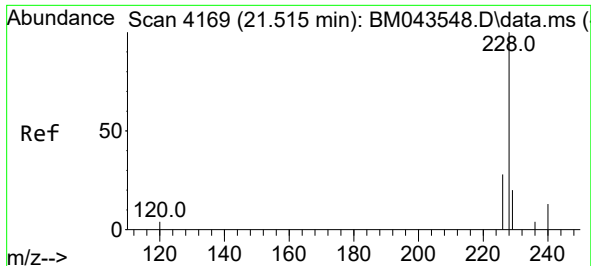
Tgt Ion:202 Resp: 18284
Ion Ratio Lower Upper
202 100
101 15.6 10.1 15.1#
100 12.1 7.4 11.2#



#20
Pyrene
Concen: 0.314 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.009 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

Tgt Ion:202 Resp: 18621
Ion Ratio Lower Upper
202 100
101 17.6 12.7 19.1
100 14.2 9.8 14.8

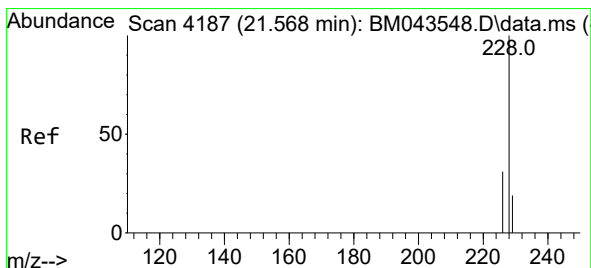
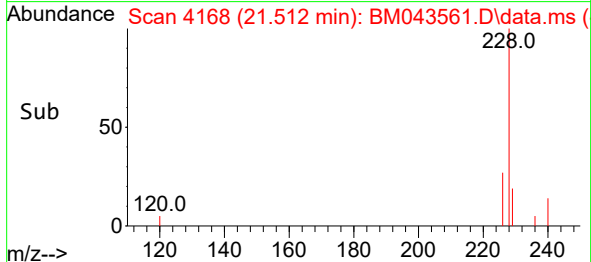
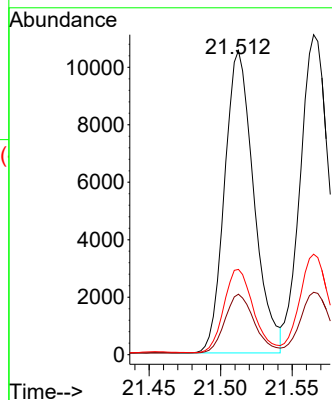
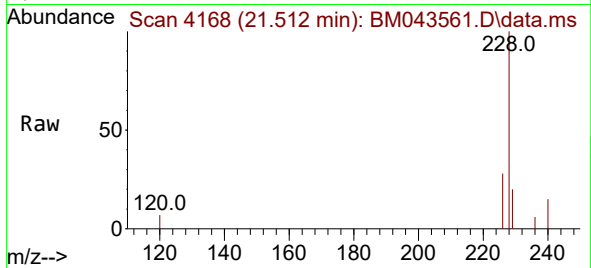




#21
Benzo(a)anthracene
Concen: 0.323 ng/ul
RT: 21.512 min Scan# 4168
Delta R.T. -0.009 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

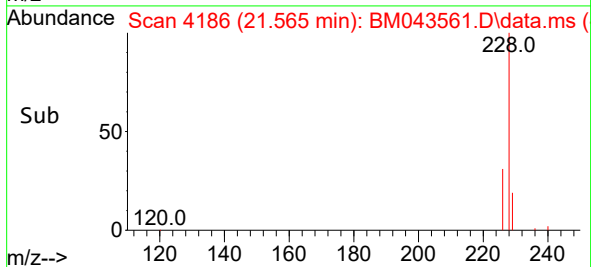
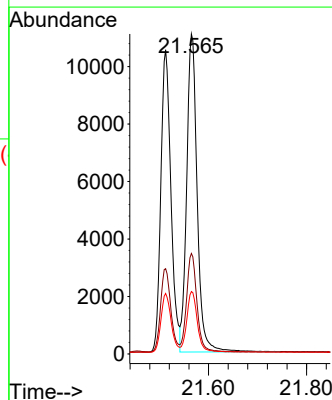
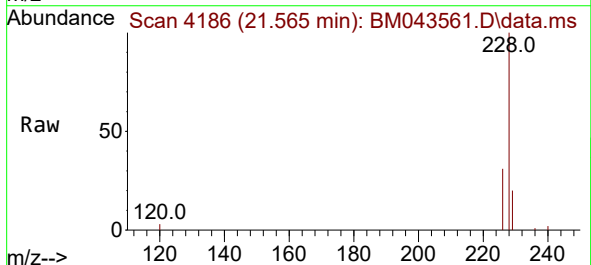
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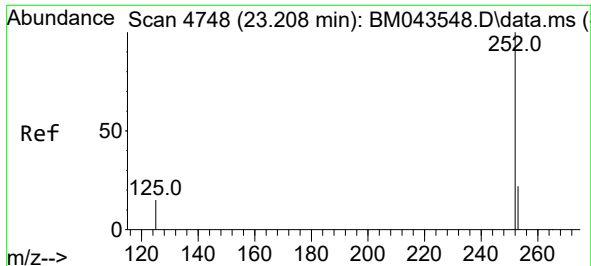
Tgt Ion:228 Resp: 14989
Ion Ratio Lower Upper
228 100
229 19.9 15.5 23.3
226 28.0 22.6 34.0



#22
Chrysene
Concen: 0.334 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.009 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

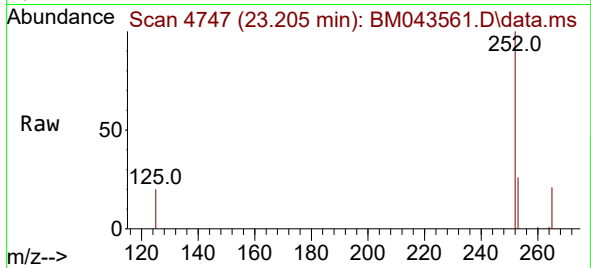
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Ion Ratio Lower Upper
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226 31.4 24.8 37.2
229 19.5 15.7 23.5



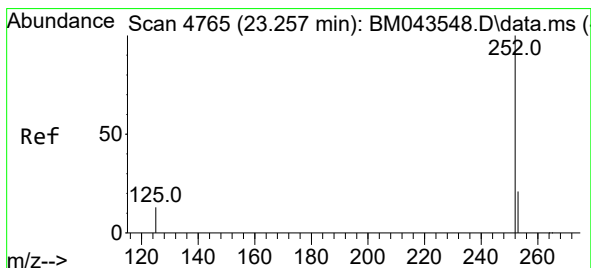
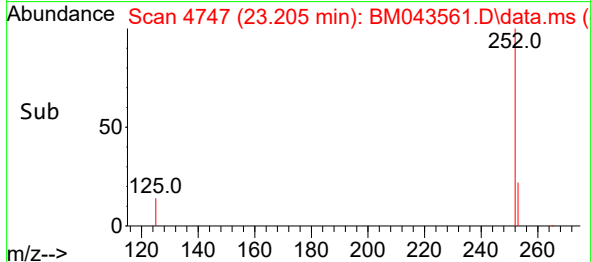
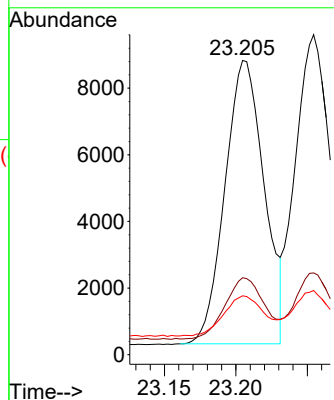


#24
Benzo(b)fluoranthene
Concen: 0.324 ng/ul
RT: 23.205 min Scan# 4747
Delta R.T. -0.012 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

Instrument :
BNA_M
ClientSampleId :
SLCS968

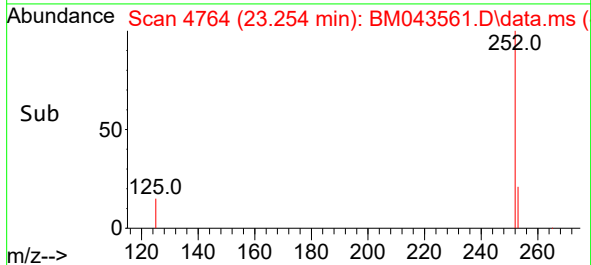
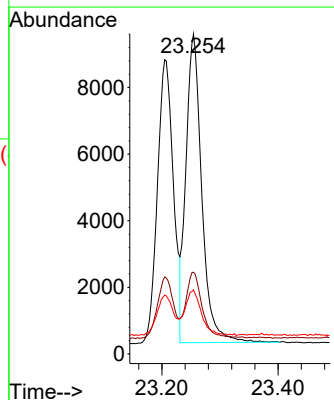
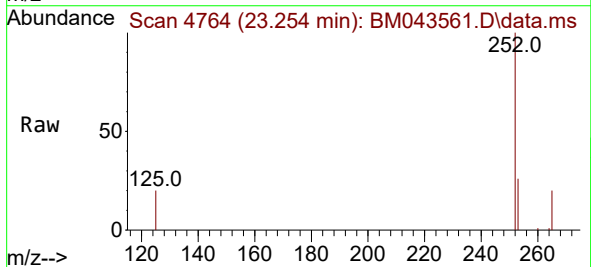


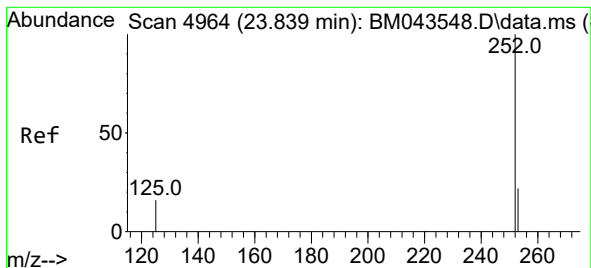
Tgt Ion:252 Resp: 16249
Ion Ratio Lower Upper
252 100
253 26.1 0.0 48.8
125 20.0 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.337 ng/ul
RT: 23.254 min Scan# 4764
Delta R.T. -0.012 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

Tgt Ion:252 Resp: 17503
Ion Ratio Lower Upper
252 100
253 25.5 18.6 28.0
125 20.1 11.8 17.8#





#26

Benzo(a)pyrene

Concen: 0.347 ng/ul

RT: 23.833 min Scan# 4964

Delta R.T. -0.015 min

Lab File: BM043561.D

Acq: 23 Dec 2023 05:51

Instrument :

BNA_M

ClientSampleId :

SLCS968

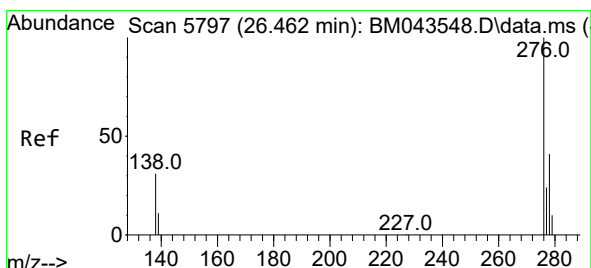
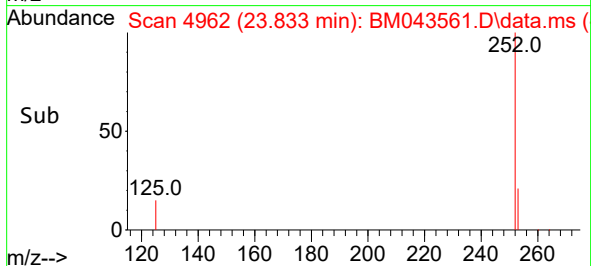
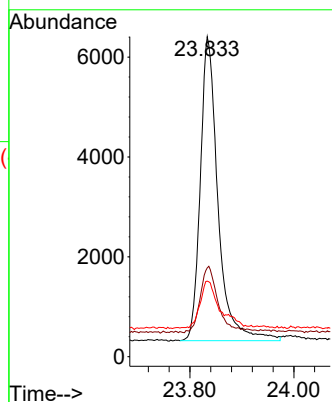
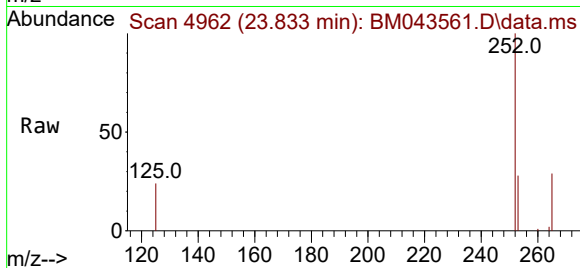
Tgt Ion:252 Resp: 14348

Ion Ratio Lower Upper

252 100

253 27.7 20.2 30.2

125 23.6 13.5 20.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.419 ng/ul

RT: 26.455 min Scan# 5795

Delta R.T. -0.020 min

Lab File: BM043561.D

Acq: 23 Dec 2023 05:51

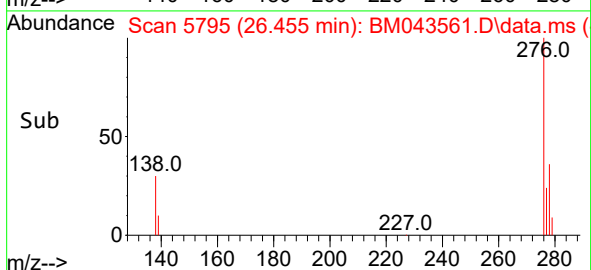
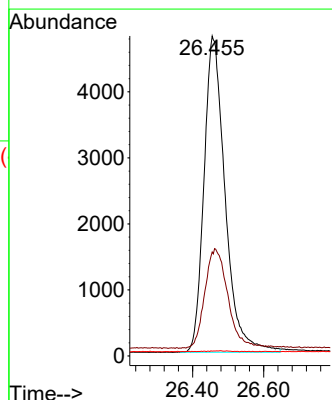
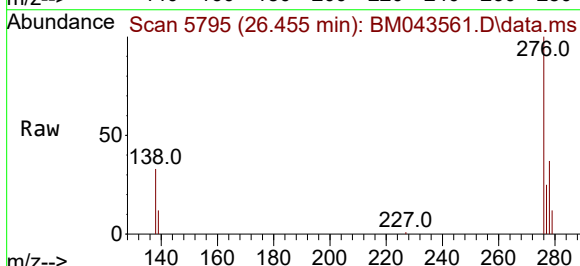
Tgt Ion:276 Resp: 19715

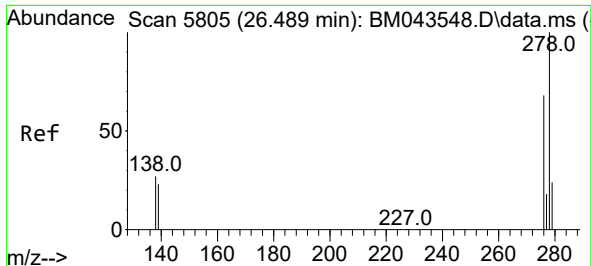
Ion Ratio Lower Upper

276 100

138 34.4 24.6 36.8

227 0.0 0.0 0.0

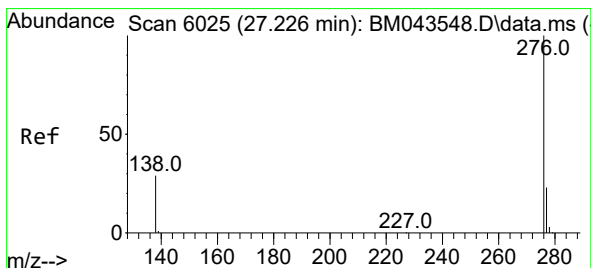
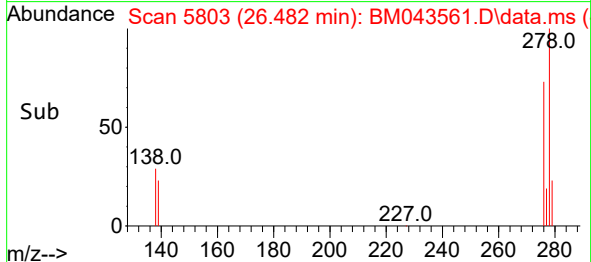
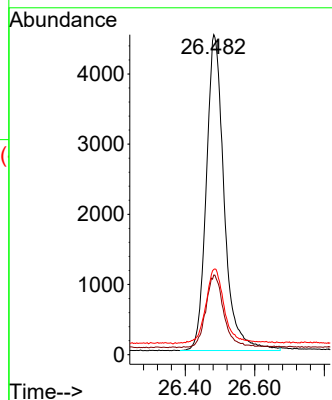
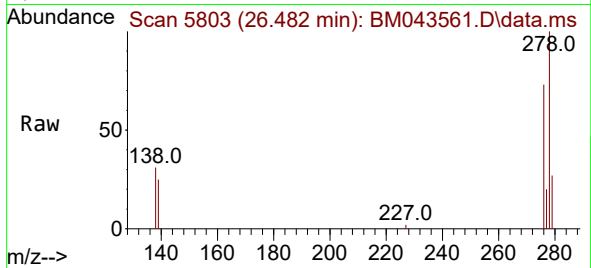




#28
Dibenzo(a,h)anthracene
Concen: 0.430 ng/ul
RT: 26.482 min Scan# 5803
Delta R.T. -0.017 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

Instrument :
BNA_M
ClientSampleId :
SLCS968

Tgt Ion:278 Resp: 16022
Ion Ratio Lower Upper
278 100
139 24.9 17.4 26.2
279 26.6 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.418 ng/ul
RT: 27.226 min Scan# 6025
Delta R.T. -0.017 min
Lab File: BM043561.D
Acq: 23 Dec 2023 05:51

Tgt Ion:276 Resp: 16797
Ion Ratio Lower Upper
276 100
138 32.5 23.1 34.7
277 24.6 19.4 29.0

