

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043163.D
 Acq On : 02 Dec 2023 17:02
 Operator : MA/JU
 Sample : PB157370BS
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS370

Quant Time: Dec 02 23:18:12 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 : Sat Dec 02 23:09:32 2023
 Response via : Initial Calibration

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

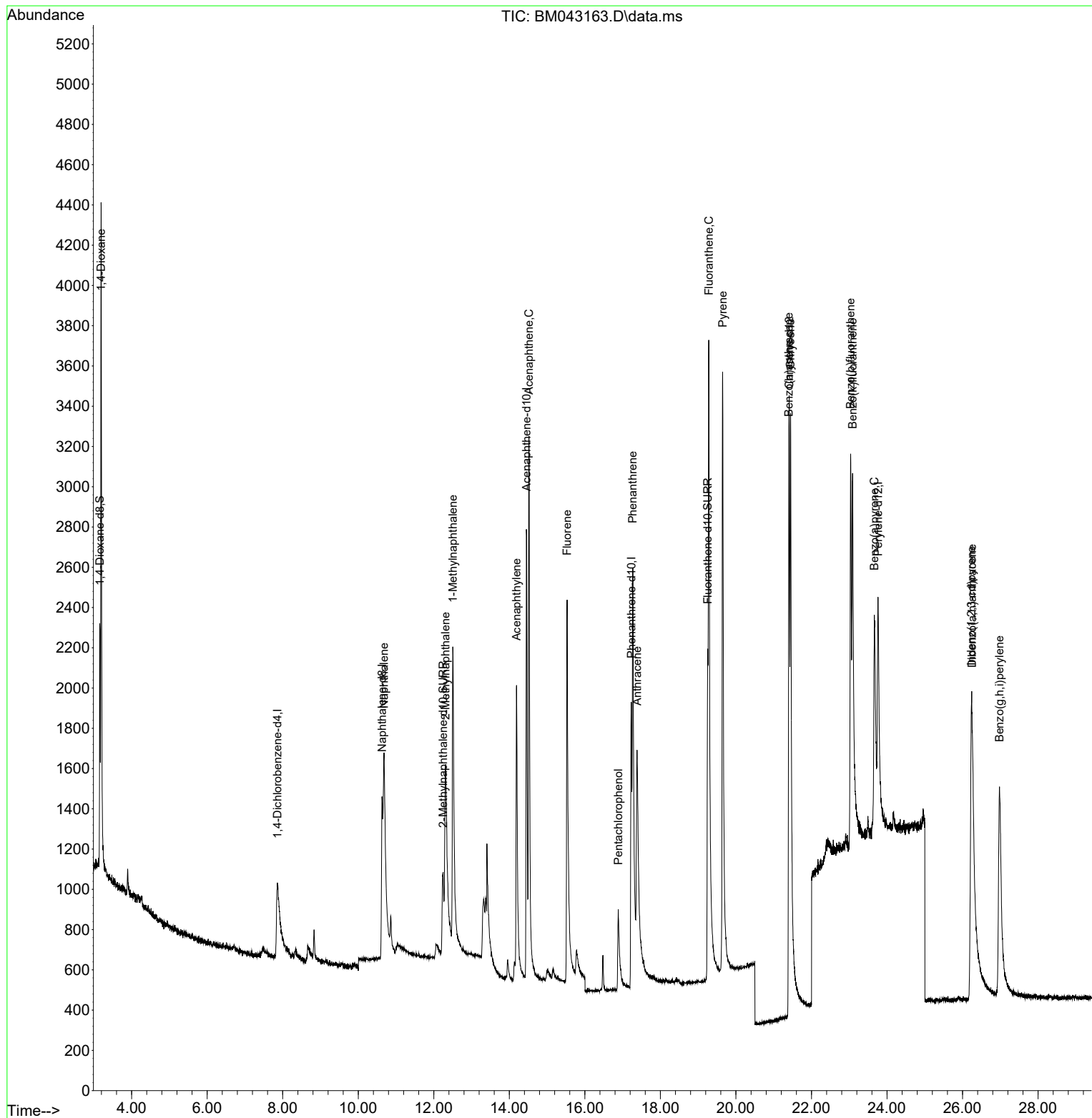
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	824	0.400	ng/ul	0.03
4) Naphthalene-d8	10.628	136	2998	0.400	ng/ul #	0.01
9) Acenaphthene-d10	14.456	164	1708	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	3635	0.400	ng/ul	0.01
17) Chrysene-d12	21.411	240	2220	0.400	ng/ul	0.00
23) Perylene-d12	23.764	264	2362	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	886	0.701	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	1465	0.365	ng/ul	0.02
18) Fluoranthene-d10	19.253	212	3254	0.402	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	2595	1.911	ng/ul#	85
5) Naphthalene	10.683	128	2731	0.335	ng/ul	97
7) 2-Methylnaphthalene	12.311	142	1576	0.328	ng/ul	97
8) 1-Methylnaphthalene	12.504	142	1712	0.319	ng/ul	96
10) Acenaphthylene	14.192	152	2906	0.333	ng/ul	99
11) Acenaphthene	14.516	153	2285	0.346	ng/ul	94
12) Fluorene	15.529	166	2347	0.346	ng/ul	98
14) Pentachlorophenol	16.884	266	624	0.634	ng/ul	96
15) Phenanthrene	17.268	178	3503	0.338	ng/ul	100
16) Anthracene	17.382	178	3443	0.350	ng/ul	97
19) Fluoranthene	19.281	202	4612	0.366	ng/ul	98
20) Pyrene	19.648	202	4906	0.367	ng/ul	98
21) Benzo(a)anthracene	21.400	228	2795	0.388	ng/ul	98
22) Chrysene	21.447	228	4701	0.350	ng/ul	98
24) Benzo(b)fluoranthene	23.036	252	3105	0.390	ng/ul	98
25) Benzo(k)fluoranthene	23.089	252	4342	0.396	ng/ul	99
26) Benzo(a)pyrene	23.665	252	3270	0.376	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.231	276	4116	0.350	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.252	278	3111	0.342	ng/ul	99
29) Benzo(g,h,i)perylene	26.979	276	3986	0.348	ng/ul	96

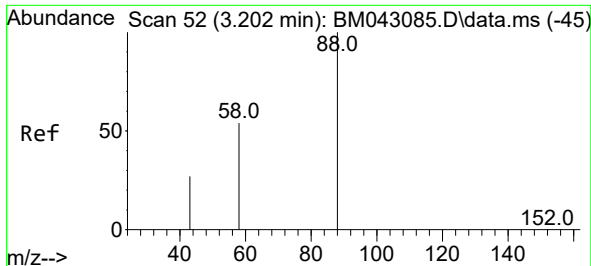
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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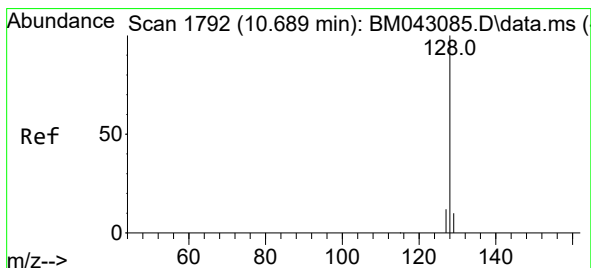
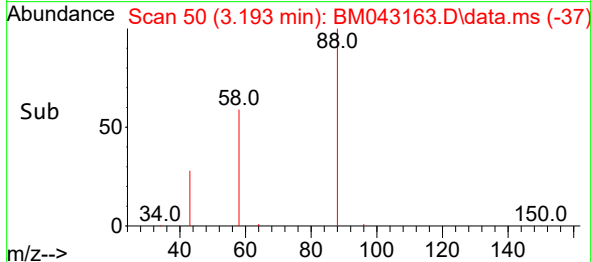
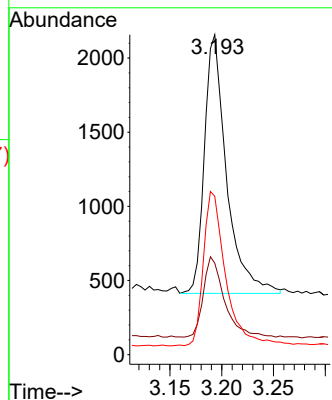
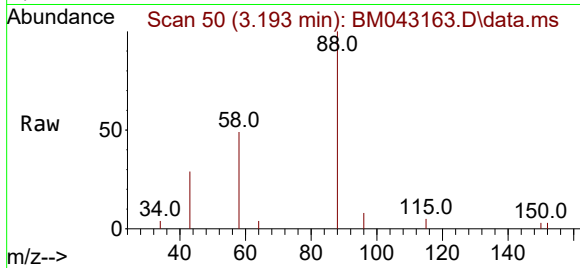




#2
1,4-Dioxane
Concen: 1.911 ng/ul
RT: 3.193 min Scan# 50
Delta R.T. -0.004 min
Lab File: BM043163.D
Acq: 02 Dec 2023 17:02

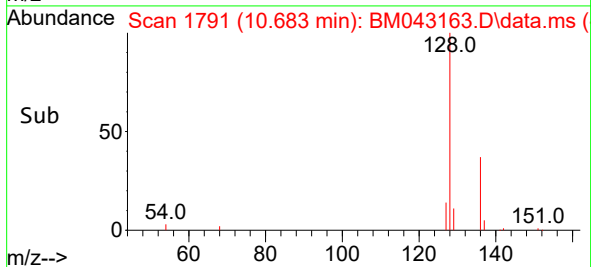
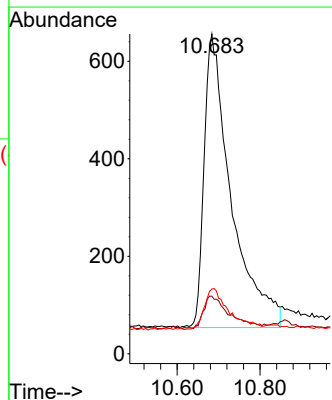
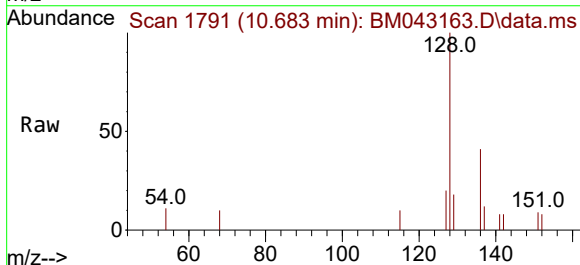
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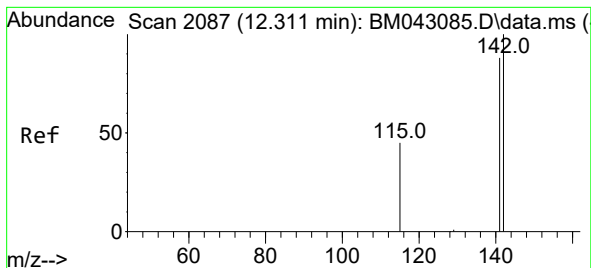
Tgt Ion: 88 Resp: 2595
Ion Ratio Lower Upper
88 100
43 28.6 22.8 34.2
58 49.5 26.8 40.2#



#5
Naphthalene
Concen: 0.335 ng/ul
RT: 10.683 min Scan# 1791
Delta R.T. 0.017 min
Lab File: BM043163.D
Acq: 02 Dec 2023 17:02

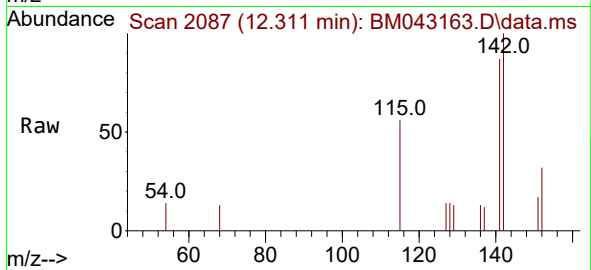
Tgt Ion: 128 Resp: 2731
Ion Ratio Lower Upper
128 100
129 18.0 16.0 24.0
127 20.3 16.5 24.7



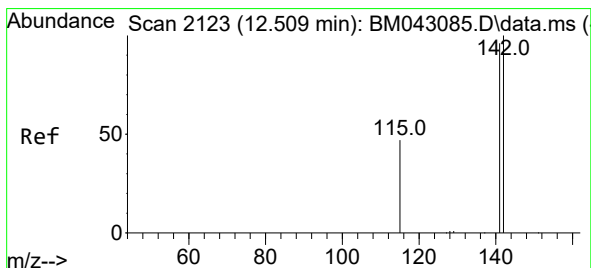
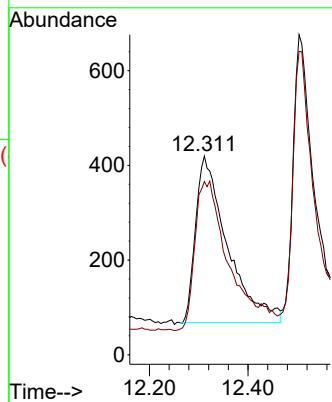
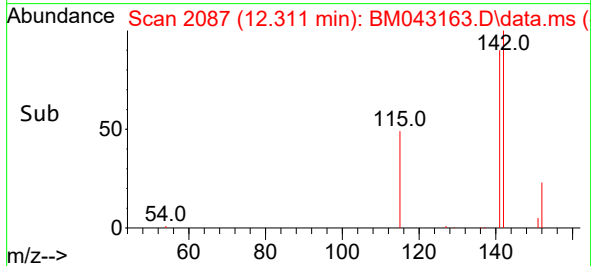


#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.311 min Scan# 2087
Delta R.T. 0.016 min
Lab File: BM043163.D
Acq: 02 Dec 2023 17:02

Instrument :
BNA_M
ClientSampleId :
SLCS370

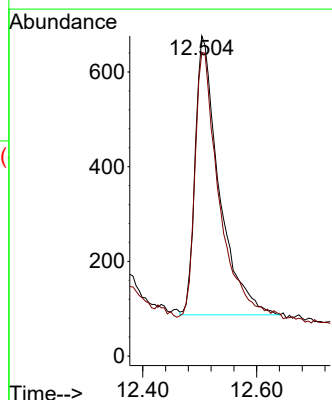
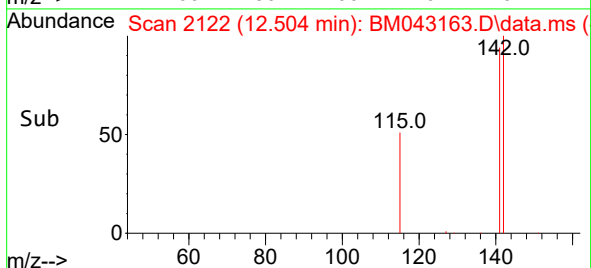
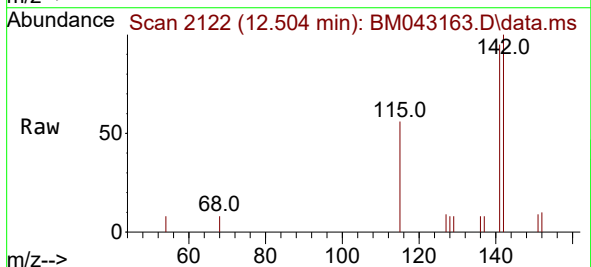


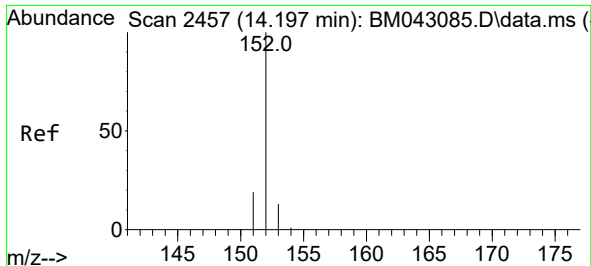
Tgt Ion:142 Resp: 1576
Ion Ratio Lower Upper
142 100
141 98.2 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.504 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BM043163.D
Acq: 02 Dec 2023 17:02

Tgt Ion:142 Resp: 1712
Ion Ratio Lower Upper
142 100
141 96.3 73.8 110.8

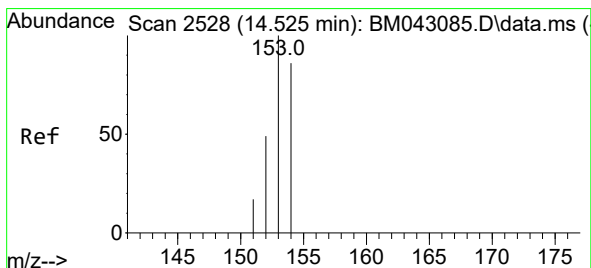
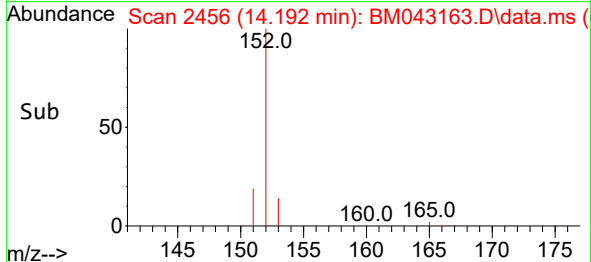
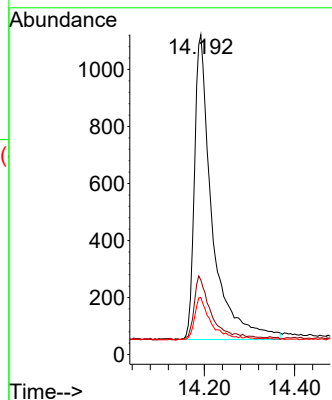
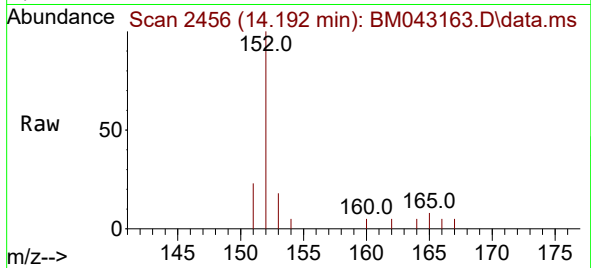




#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 14.192 min Scan# 2456
Delta R.T. 0.009 min
Lab File: BM043163.D
Acq: 02 Dec 2023 17:02

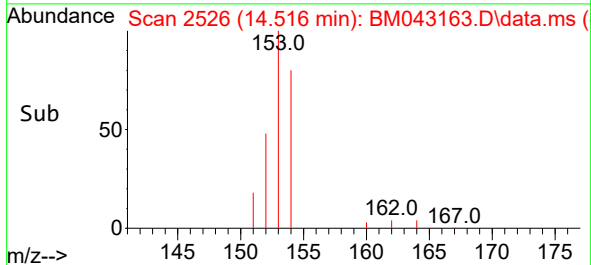
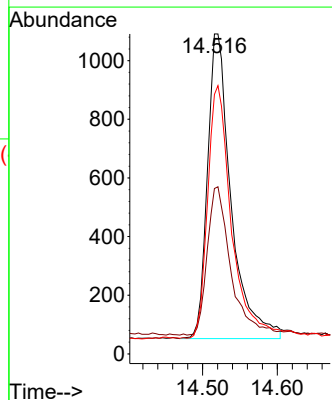
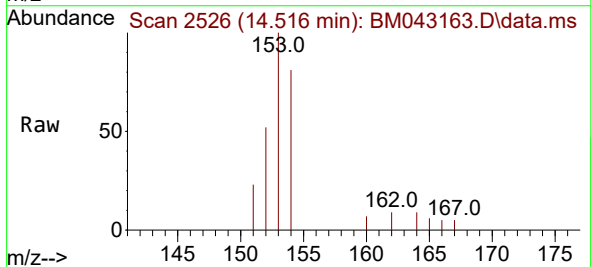
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ClientSampleId :
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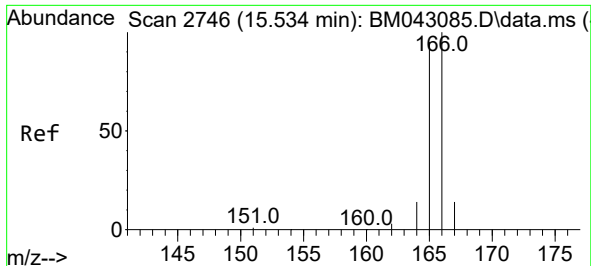
Tgt Ion:	152	Resp:	2906
Ion Ratio	Lower	Upper	
152	100		
151	23.4	19.4	29.0
153	17.8	14.6	21.8



#11
Acenaphthene
Concen: 0.346 ng/ul
RT: 14.516 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BM043163.D
Acq: 02 Dec 2023 17:02

Tgt Ion:	153	Resp:	2285
Ion Ratio	Lower	Upper	
153	100		
152	51.7	43.9	65.9
154	81.1	70.6	105.8

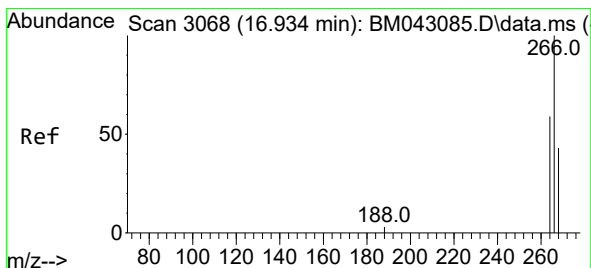
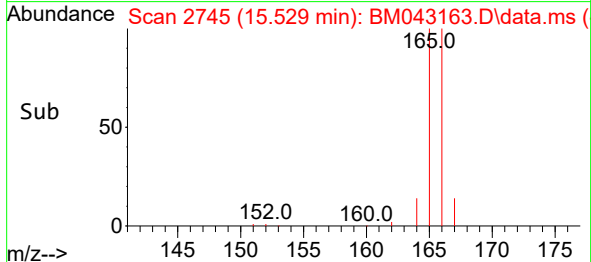
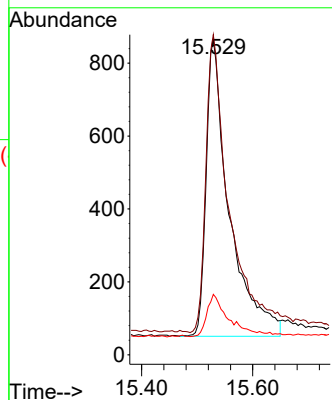
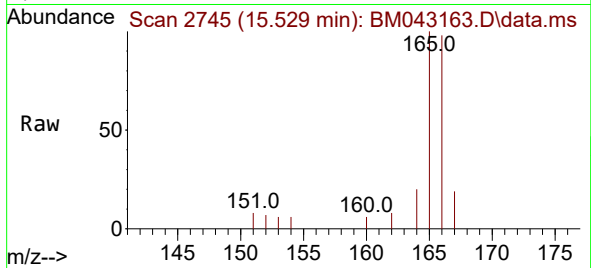




#12
Fluorene
Concen: 0.346 ng/ul
RT: 15.529 min Scan# 21
Delta R.T. 0.014 min
Lab File: BM043163.D
Acq: 02 Dec 2023 17:02

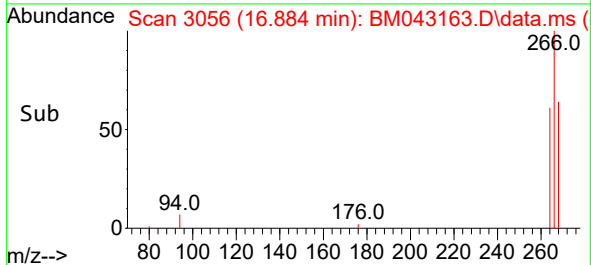
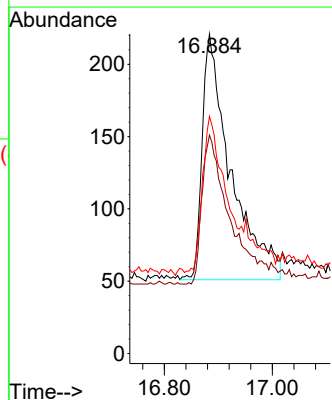
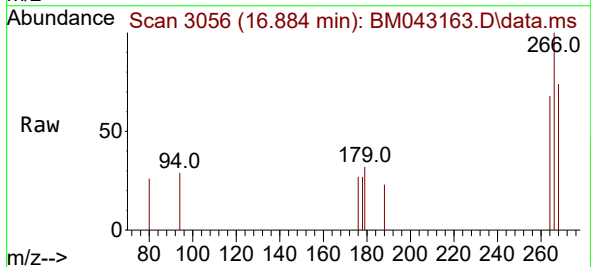
Instrument :
BNA_M
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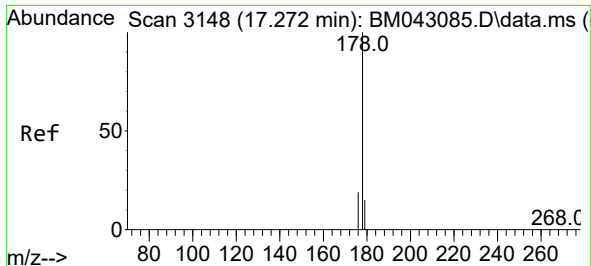
Tgt Ion:166 Resp: 2347
Ion Ratio Lower Upper
166 100
165 101.6 79.9 119.9
167 19.2 14.2 21.4



#14
Pentachlorophenol
Concen: 0.634 ng/ul
RT: 16.884 min Scan# 3056
Delta R.T. 0.004 min
Lab File: BM043163.D
Acq: 02 Dec 2023 17:02

Tgt Ion:266 Resp: 624
Ion Ratio Lower Upper
266 100
264 64.1 48.8 73.2
268 61.9 51.8 77.6

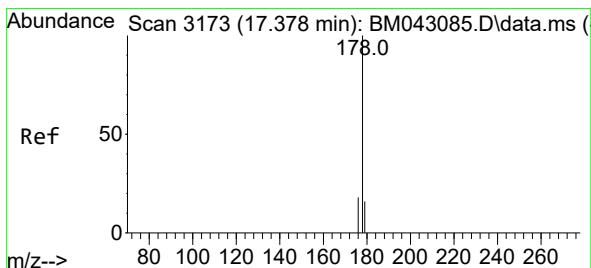
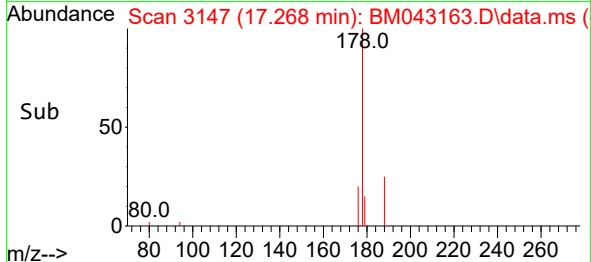
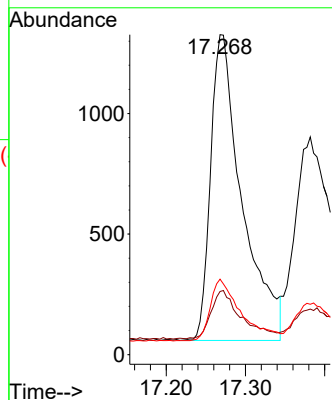
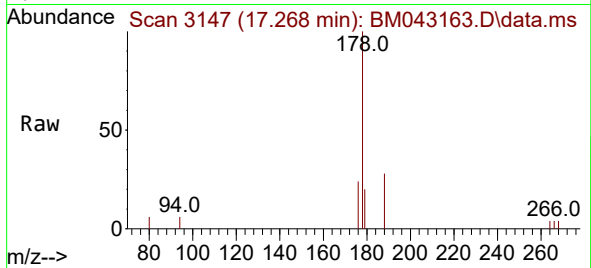




#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.268 min Scan# 3147
Delta R.T. 0.008 min
Lab File: BM043163.D
Acq: 02 Dec 2023 17:02

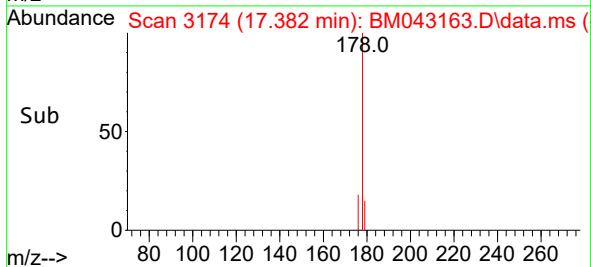
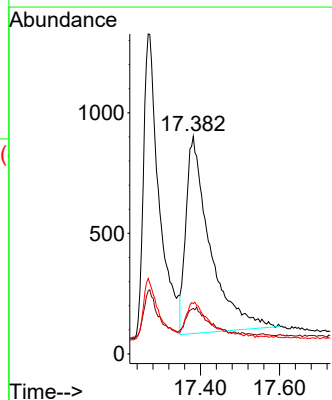
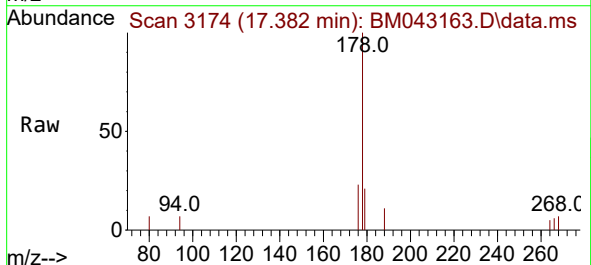
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ClientSampleId :
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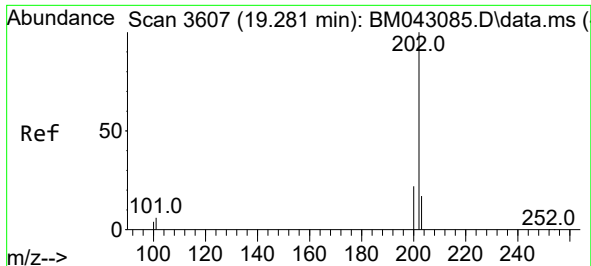
Tgt Ion:178 Resp: 3503
Ion Ratio Lower Upper
178 100
179 19.7 15.7 23.5
176 23.6 18.9 28.3



#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.382 min Scan# 3174
Delta R.T. 0.021 min
Lab File: BM043163.D
Acq: 02 Dec 2023 17:02

Tgt Ion:178 Resp: 3443
Ion Ratio Lower Upper
178 100
179 20.9 17.3 25.9
176 23.1 20.5 30.7

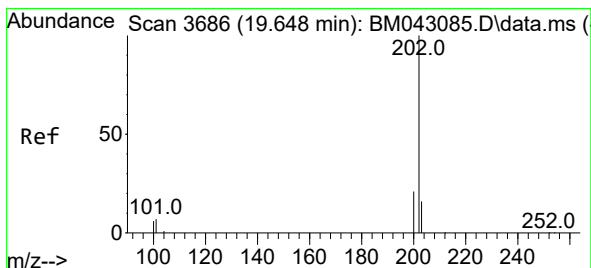
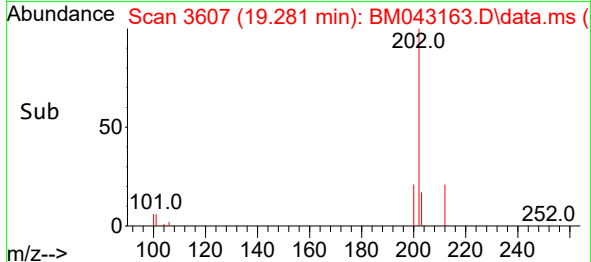
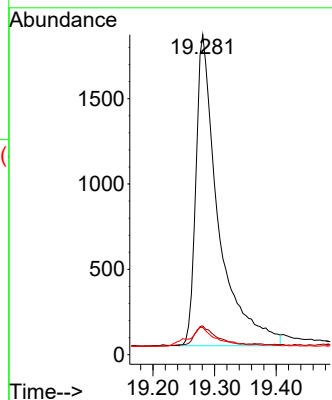
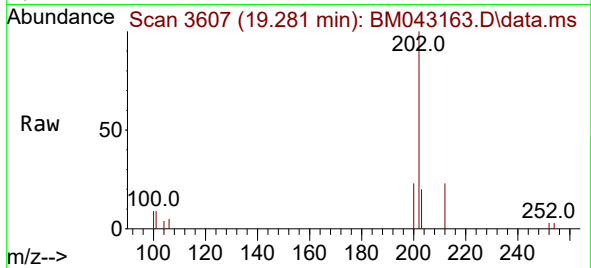




#19
Fluoranthene
Concen: 0.366 ng/ul
RT: 19.281 min Scan# 3607
Delta R.T. 0.009 min
Lab File: BM043163.D
Acq: 02 Dec 2023 17:02

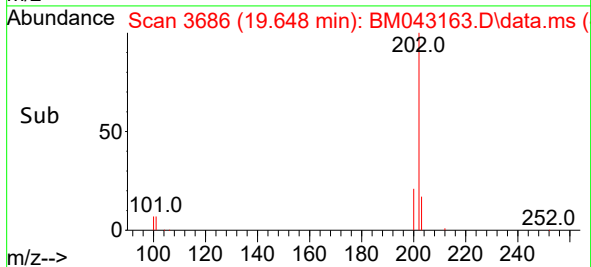
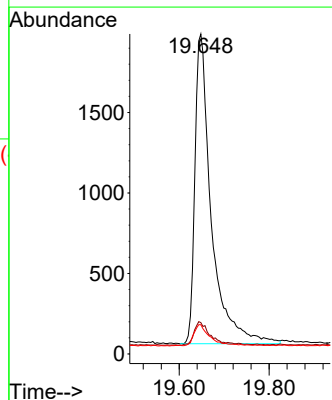
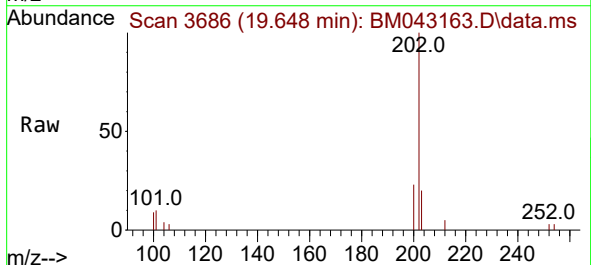
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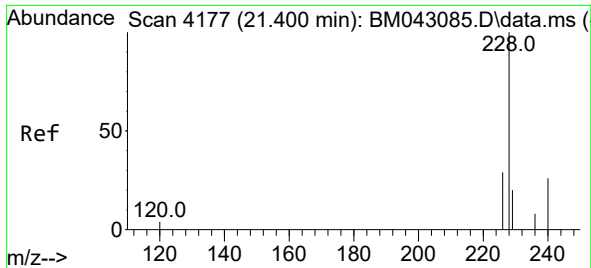
Tgt Ion:202 Resp: 4612
Ion Ratio Lower Upper
202 100
101 9.0 7.8 11.8
100 8.5 7.1 10.7



#20
Pyrene
Concen: 0.367 ng/ul
RT: 19.648 min Scan# 3686
Delta R.T. 0.009 min
Lab File: BM043163.D
Acq: 02 Dec 2023 17:02

Tgt Ion:202 Resp: 4906
Ion Ratio Lower Upper
202 100
101 9.8 8.7 13.1
100 9.2 7.8 11.8

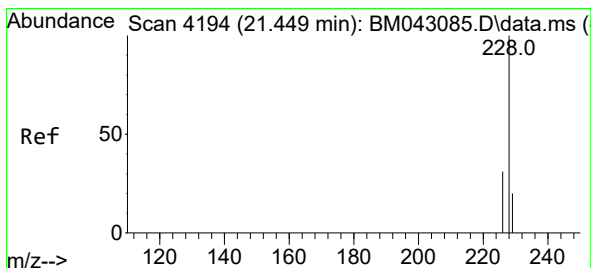
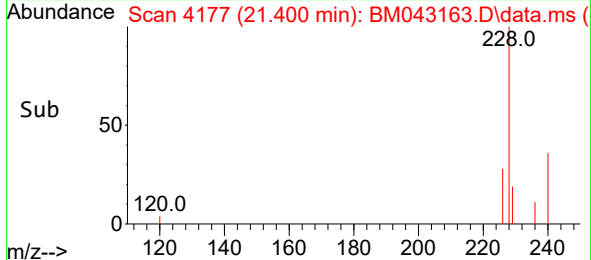
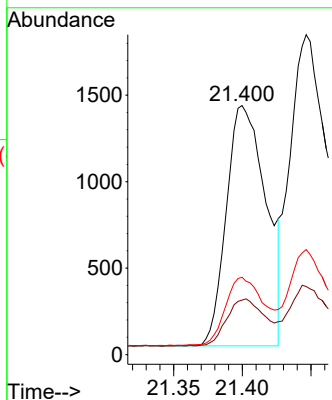
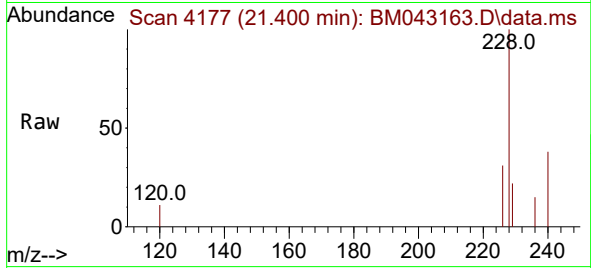




#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.400 min Scan# 4177
Delta R.T. 0.012 min
Lab File: BM043163.D
Acq: 02 Dec 2023 17:02

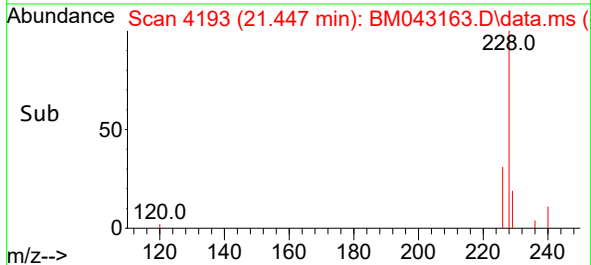
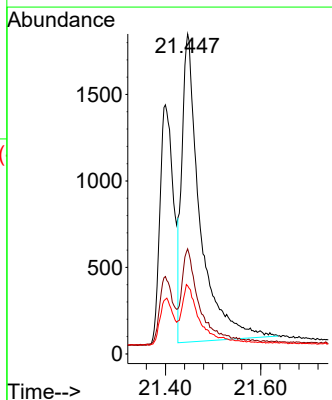
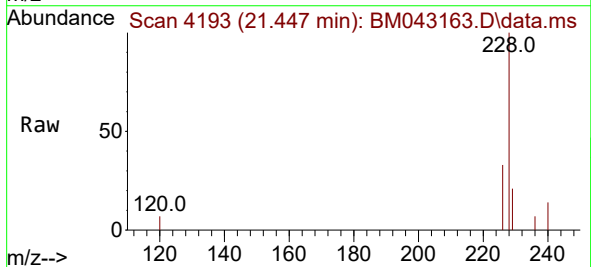
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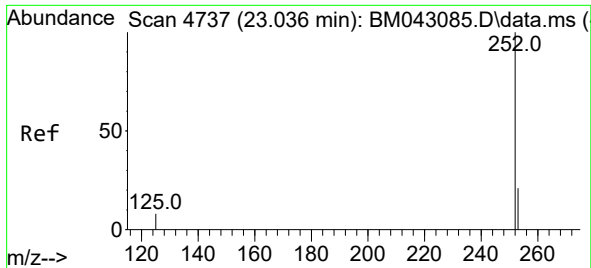
Tgt Ion:228 Resp: 2795
Ion Ratio Lower Upper
228 100
229 21.9 19.4 29.0
226 31.0 24.9 37.3



#22
Chrysene
Concen: 0.350 ng/ul
RT: 21.447 min Scan# 4193
Delta R.T. 0.009 min
Lab File: BM043163.D
Acq: 02 Dec 2023 17:02

Tgt Ion:228 Resp: 4701
Ion Ratio Lower Upper
228 100
226 32.8 27.2 40.8
229 21.3 18.0 27.0

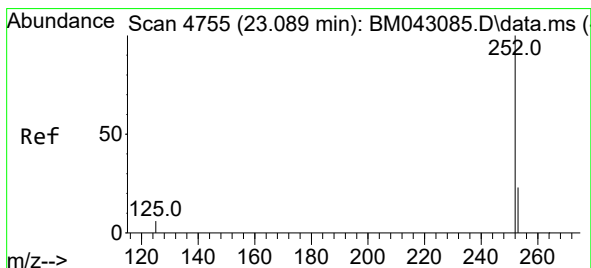
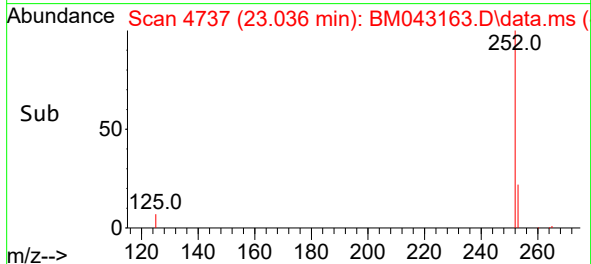
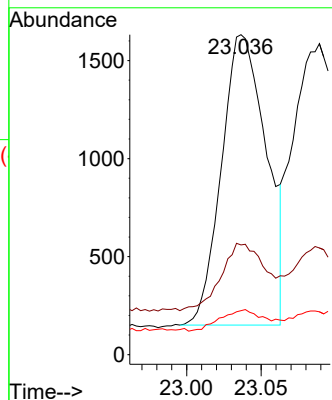
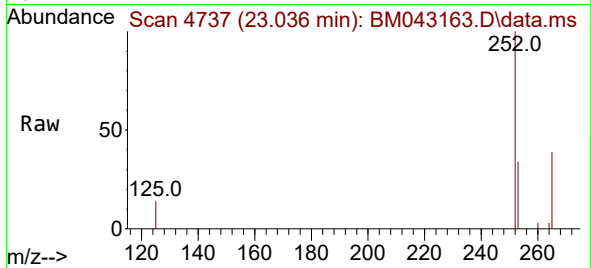




#24
Benzo(b)fluoranthene
Concen: 0.390 ng/ul
RT: 23.036 min Scan# 4737
Delta R.T. 0.009 min
Lab File: BM043163.D
Acq: 02 Dec 2023 17:02

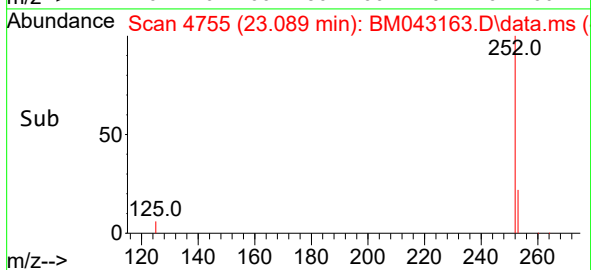
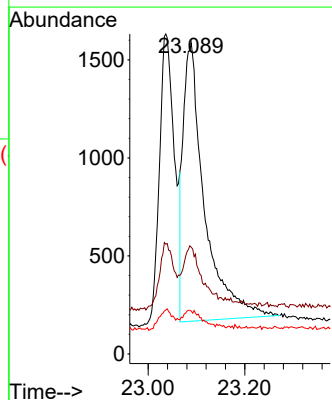
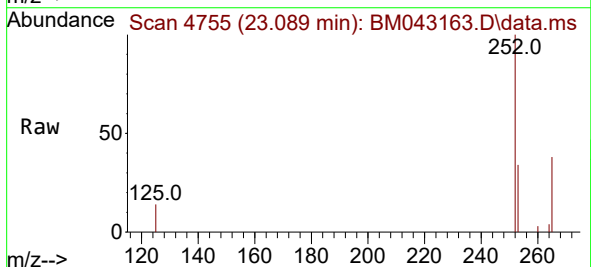
Instrument :
BNA_M
ClientSampleId :
SLCS370

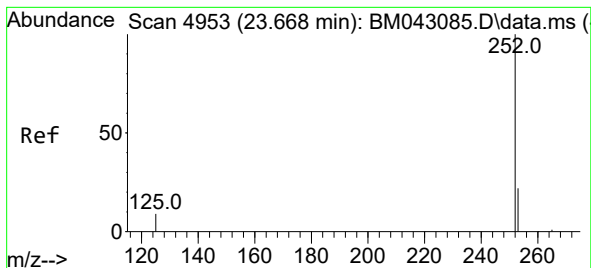
Tgt Ion:252 Resp: 3105
Ion Ratio Lower Upper
252 100
253 34.3 0.0 71.8
125 13.7 0.0 29.0



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 23.089 min Scan# 4755
Delta R.T. 0.012 min
Lab File: BM043163.D
Acq: 02 Dec 2023 17:02

Tgt Ion:252 Resp: 4342
Ion Ratio Lower Upper
252 100
253 34.3 28.2 42.2
125 13.8 11.0 16.6





#26

Benzo(a)pyrene

Concen: 0.376 ng/ul

RT: 23.665 min Scan# 4952

Delta R.T. 0.015 min

Lab File: BM043163.D

Acq: 02 Dec 2023 17:02

Instrument :

BNA_M

ClientSampleId :

SLCS370

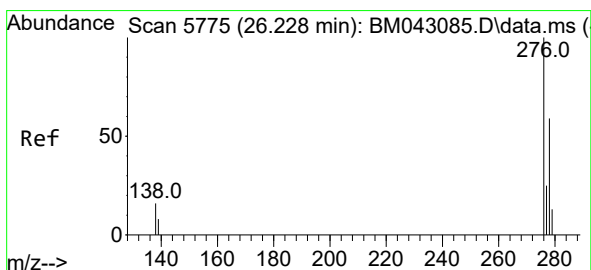
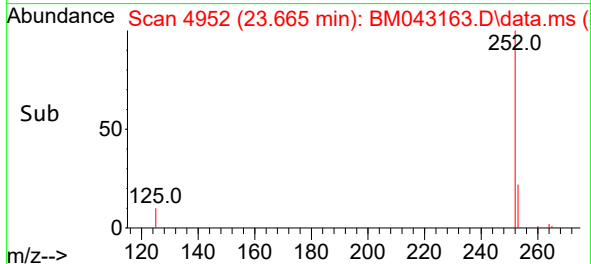
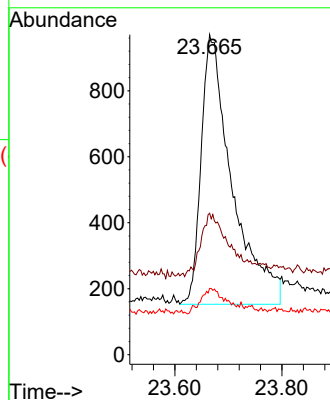
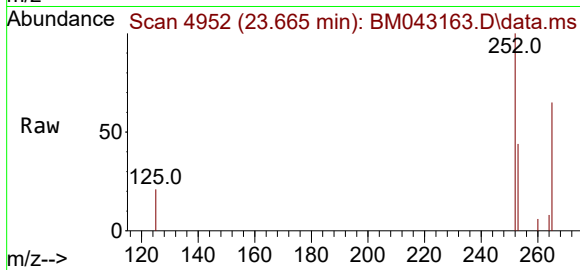
Tgt Ion:252 Resp: 3270

Ion Ratio Lower Upper

252 100

253 44.2 36.6 55.0

125 20.7 16.2 24.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.350 ng/ul

RT: 26.231 min Scan# 5776

Delta R.T. 0.027 min

Lab File: BM043163.D

Acq: 02 Dec 2023 17:02

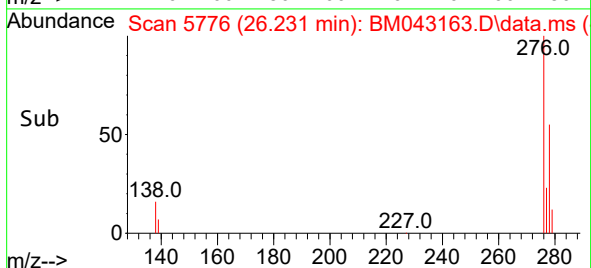
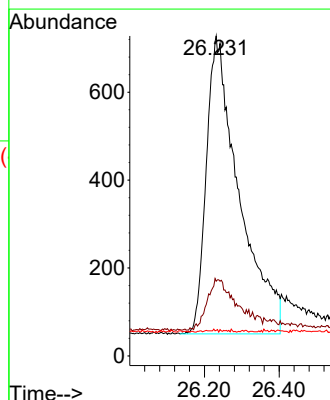
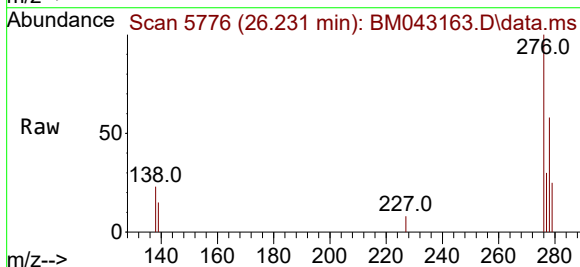
Tgt Ion:276 Resp: 4116

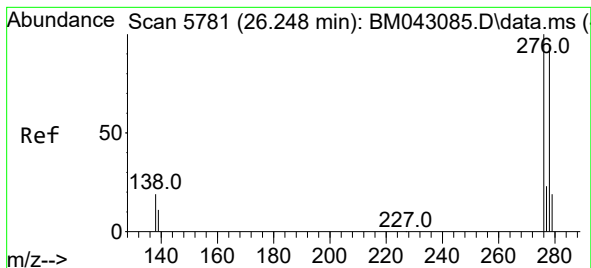
Ion Ratio Lower Upper

276 100

138 13.5 0.0 0.0#

227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.342 ng/ul

RT: 26.252 min Scan# 5

Delta R.T. 0.040 min

Lab File: BM043163.D

Acq: 02 Dec 2023 17:02

Instrument :

BNA_M

ClientSampleId :

SLCS370

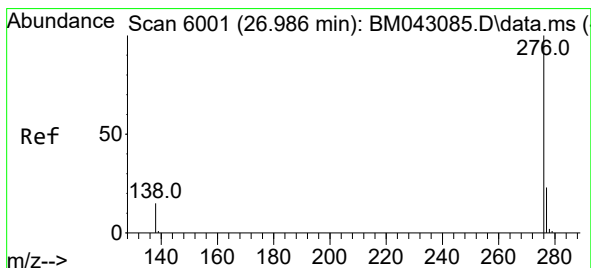
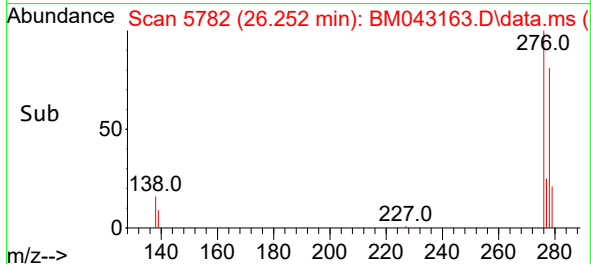
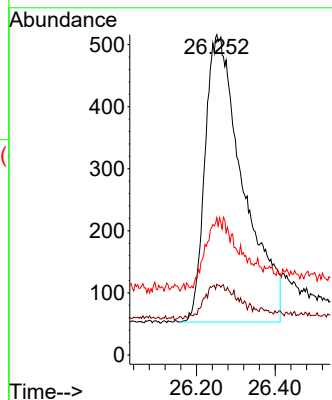
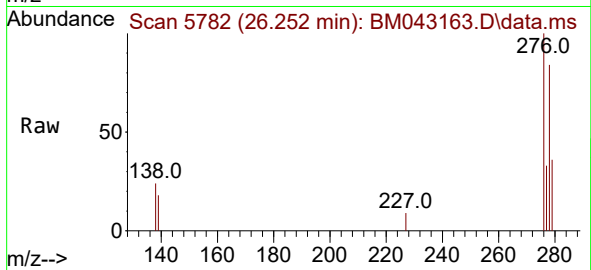
Tgt Ion:278 Resp: 3111

Ion Ratio Lower Upper

278 100

139 22.1 18.1 27.1

279 42.8 34.4 51.6



#29

Benzo(g,h,i)perylene

Concen: 0.348 ng/ul

RT: 26.979 min Scan# 5999

Delta R.T. 0.020 min

Lab File: BM043163.D

Acq: 02 Dec 2023 17:02

Tgt Ion:276 Resp: 3986

Ion Ratio Lower Upper

276 100

138 20.9 17.8 26.8

277 27.5 23.8 35.8

