

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043057.D
 Acq On : 27 Nov 2023 20:01
 Operator : MA/JU
 Sample : PB157192BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS192

Quant Time: Nov 28 00:23:22 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)

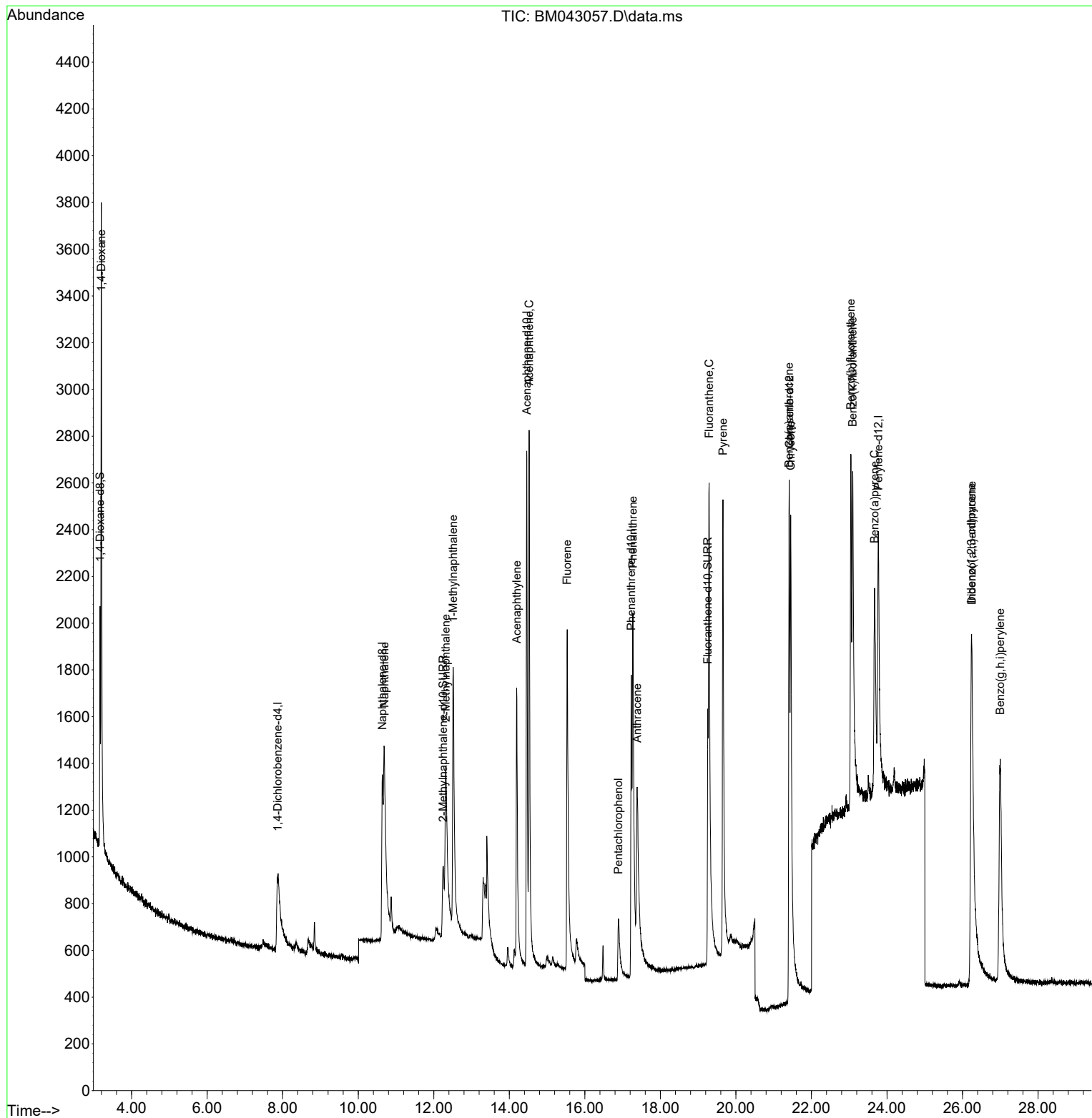
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.868	152	795	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.638	136	2673	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.464	164	1554	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.229	188	3108	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	1806	0.400	ng/ul	0.00
23) Perylene-d12	23.774	264	2205	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	726	0.595	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	1157	0.323	ng/ul	0.00
18) Fluoranthene-d10	19.256	212	2152	0.327	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.197	88	2062	1.574	ng/ul#	85
5) Naphthalene	10.693	128	2102	0.289	ng/ul	97
7) 2-Methylnaphthalene	12.315	142	1247	0.291	ng/ul	100
8) 1-Methylnaphthalene	12.513	142	1318	0.276	ng/ul	97
10) Acenaphthylene	14.195	152	2263	0.285	ng/ul	98
11) Acenaphthene	14.524	153	1770	0.295	ng/ul	97
12) Fluorene	15.532	166	1810	0.293	ng/ul	95
14) Pentachlorophenol	16.891	266	479	0.569	ng/ul	96
15) Phenanthrene	17.271	178	2541	0.287	ng/ul	99
16) Anthracene	17.385	178	2443	0.291	ng/ul	98
19) Fluoranthene	19.289	202	3079	0.301	ng/ul	99
20) Pyrene	19.656	202	3248	0.298	ng/ul	100
21) Benzo(a)anthracene	21.406	228	1857	0.317	ng/ul	99
22) Chrysene	21.450	228	3374	0.309	ng/ul	98
24) Benzo(b)fluoranthene	23.043	252	2415	0.325	ng/ul	100
25) Benzo(k)fluoranthene	23.089	252	3454	0.337	ng/ul	98
26) Benzo(a)pyrene	23.671	252	2672	0.329	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.232	276	3565	0.324	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.249	278	2805	0.330	ng/ul	98
29) Benzo(g,h,i)perylene	26.997	276	3364	0.315	ng/ul	99

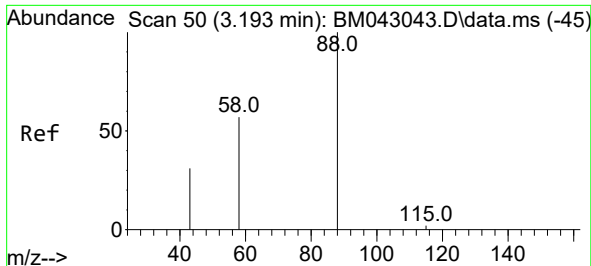
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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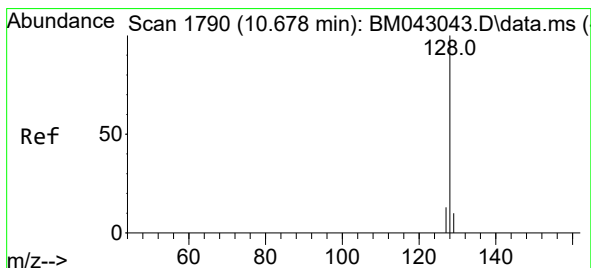
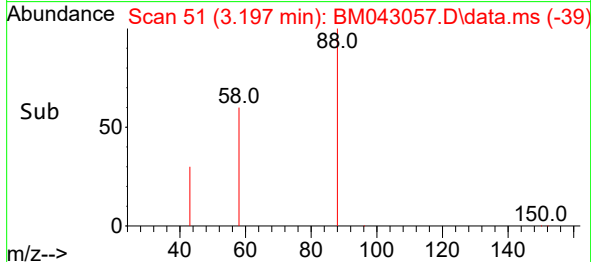
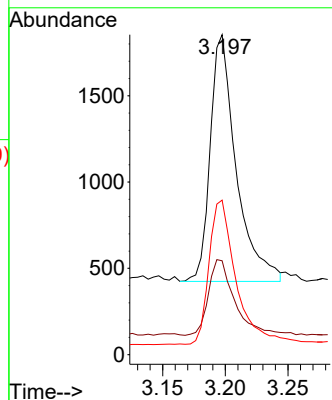
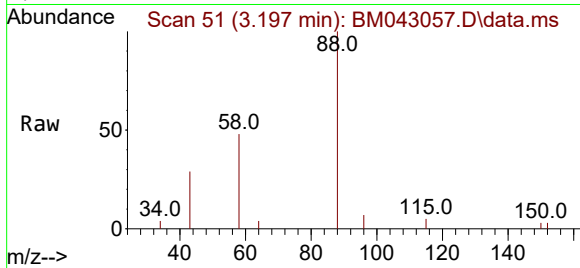




#2
1,4-Dioxane
Concen: 1.574 ng/ul
RT: 3.197 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

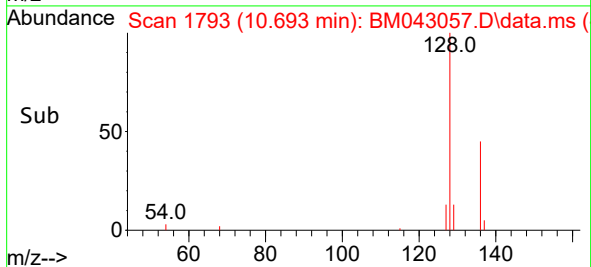
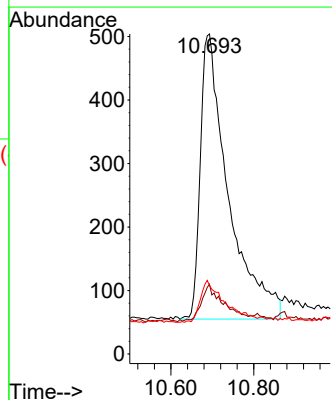
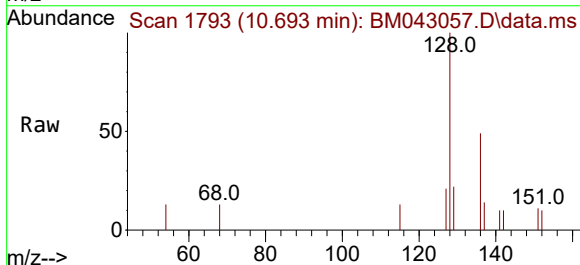
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BNA_M
ClientSampleId :
SLCS192

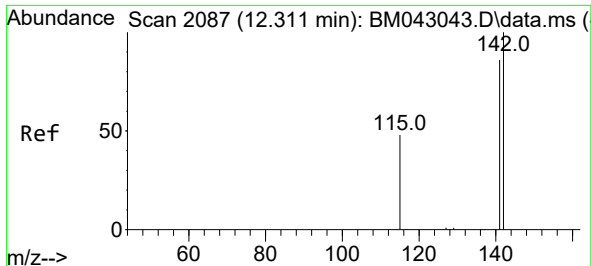
Tgt Ion: 88 Resp: 2062
Ion Ratio Lower Upper
88 100
43 29.3 22.8 34.2
58 48.3 26.8 40.2#



#5
Naphthalene
Concen: 0.289 ng/ul
RT: 10.693 min Scan# 1793
Delta R.T. -0.005 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

Tgt Ion: 128 Resp: 2102
Ion Ratio Lower Upper
128 100
129 21.8 16.0 24.0
127 21.4 16.5 24.7

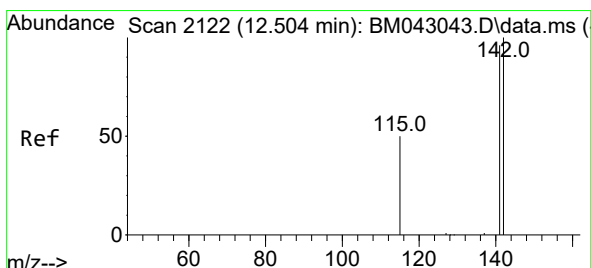
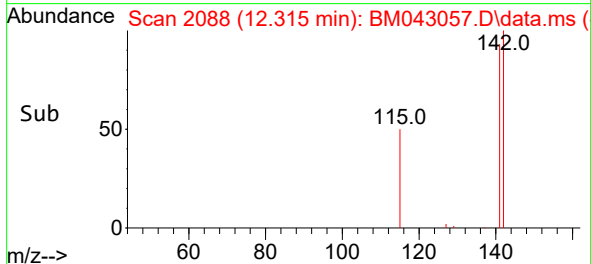
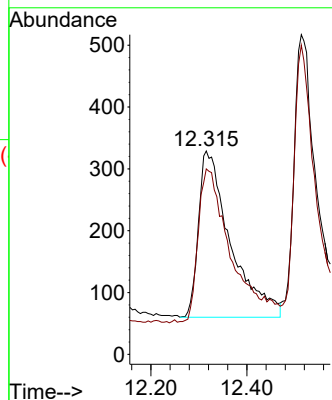
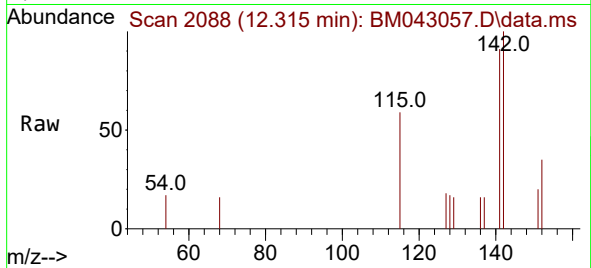




#7
2-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.315 min Scan# 2087
Delta R.T. -0.016 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

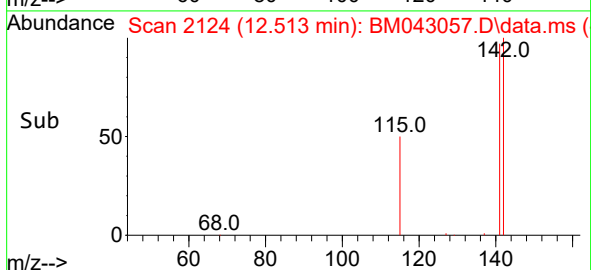
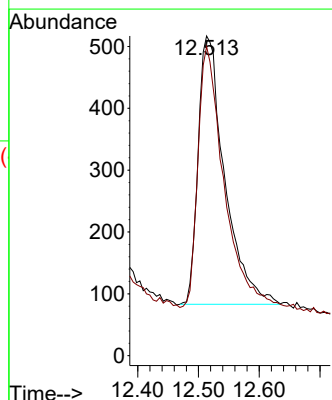
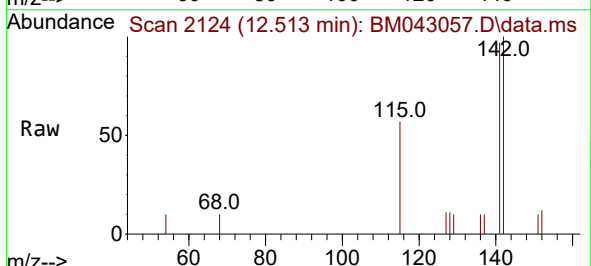
Instrument :
BNA_M
ClientSampleId :
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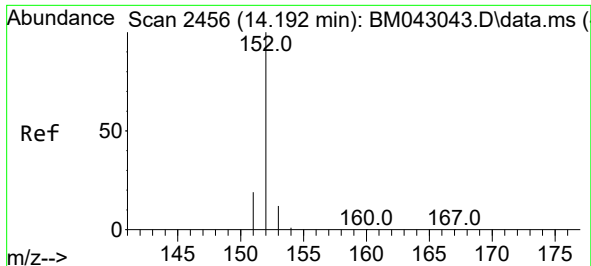
Tgt Ion:142 Resp: 1247
Ion Ratio Lower Upper
142 100
141 94.9 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 12.513 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

Tgt Ion:142 Resp: 1318
Ion Ratio Lower Upper
142 100
141 95.1 73.8 110.8

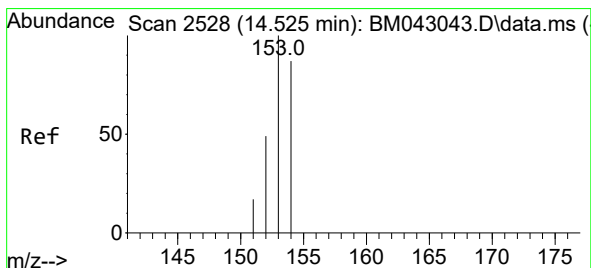
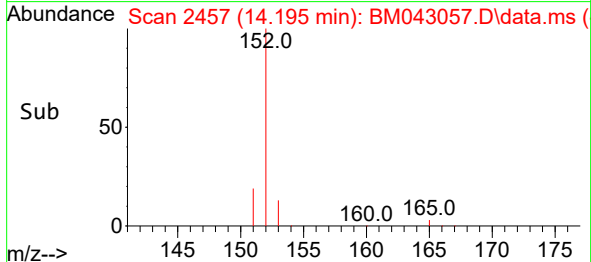
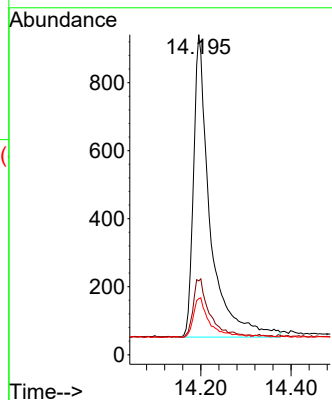
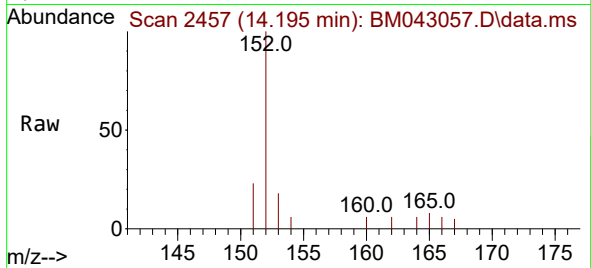




#10
Acenaphthylene
Concen: 0.285 ng/ul
RT: 14.195 min Scan# 2456
Delta R.T. -0.009 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

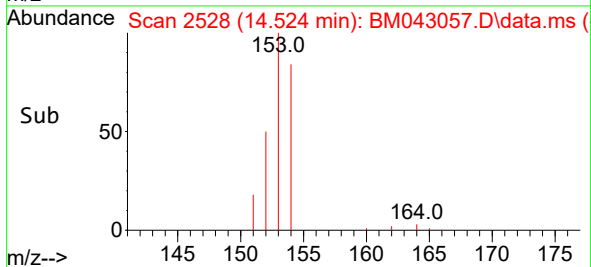
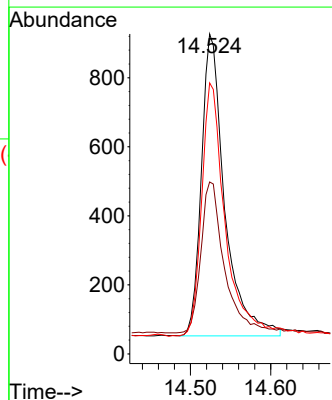
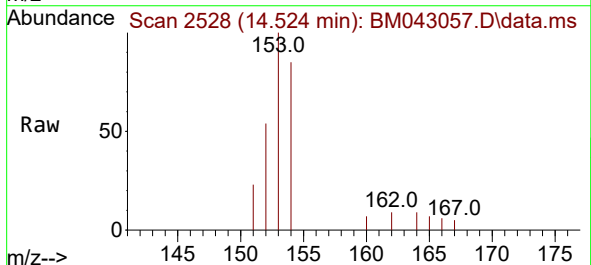
Instrument :
BNA_M
ClientSampleId :
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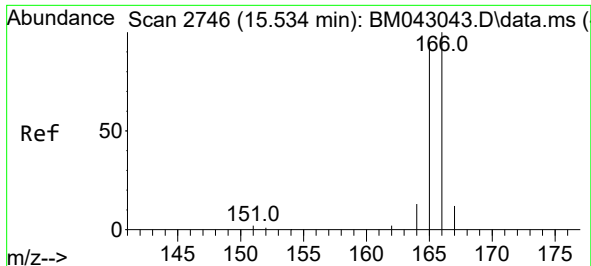
Tgt Ion:152 Resp: 2263
Ion Ratio Lower Upper
152 100
151 23.1 19.4 29.0
153 17.5 14.6 21.8



#11
Acenaphthene
Concen: 0.295 ng/ul
RT: 14.524 min Scan# 2528
Delta R.T. -0.009 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

Tgt Ion:153 Resp: 1770
Ion Ratio Lower Upper
153 100
152 53.7 43.9 65.9
154 84.7 70.6 105.8

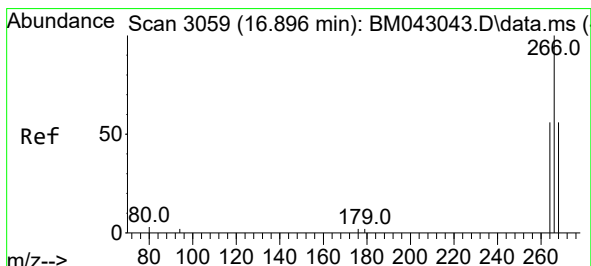
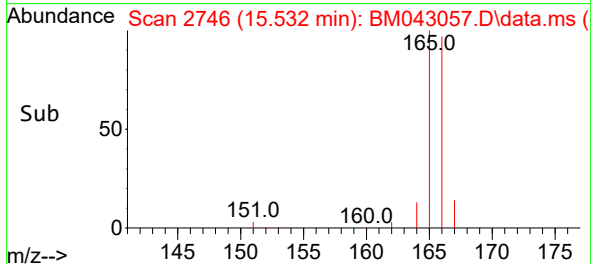
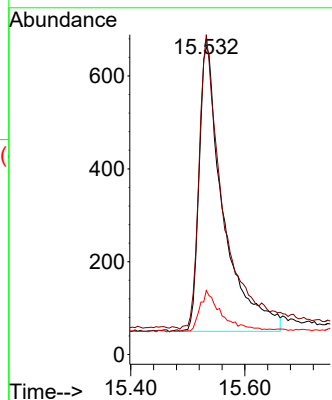
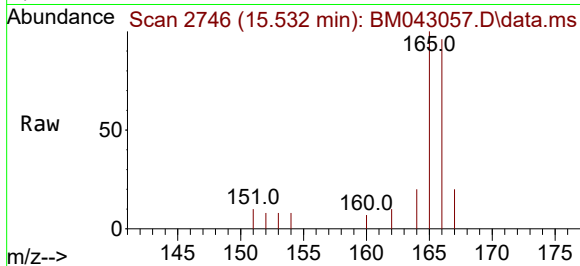




#12
Fluorene
Concen: 0.293 ng/ul
RT: 15.532 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

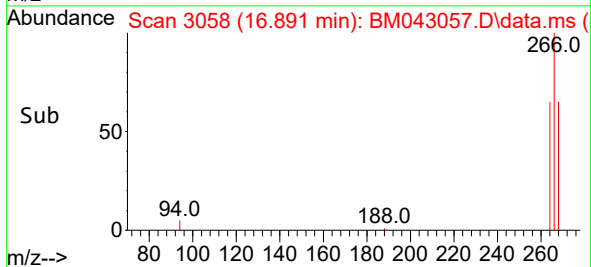
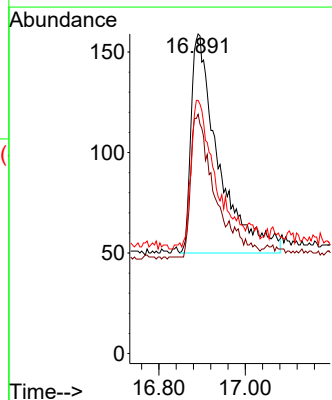
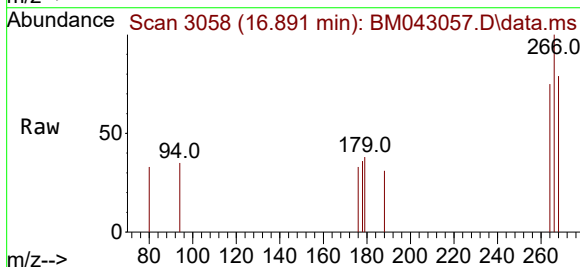
Instrument :
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ClientSampleId :
SLCS192

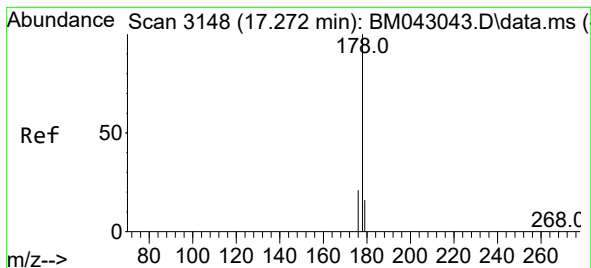
Tgt Ion:166 Resp: 1810
Ion Ratio Lower Upper
166 100
165 104.1 79.9 119.9
167 20.8 14.2 21.4



#14
Pentachlorophenol
Concen: 0.569 ng/ul
RT: 16.891 min Scan# 3058
Delta R.T. -0.021 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

Tgt Ion:266 Resp: 479
Ion Ratio Lower Upper
266 100
264 58.2 48.8 73.2
268 61.6 51.8 77.6





#15

Phenanthrene

Concen: 0.287 ng/ul

RT: 17.271 min Scan# 3148

Delta R.T. -0.008 min

Lab File: BM043057.D

Acq: 27 Nov 2023 20:01

Instrument :

BNA_M

ClientSampleId :

SLCS192

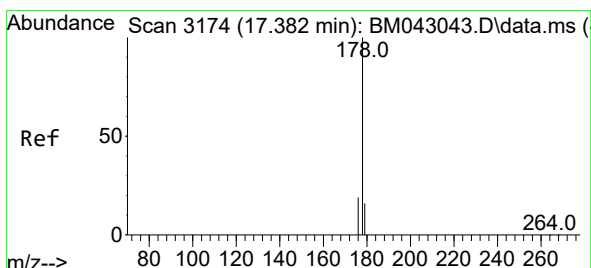
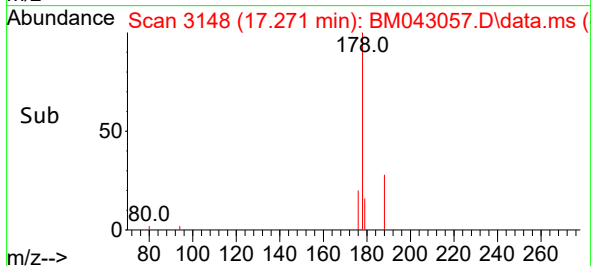
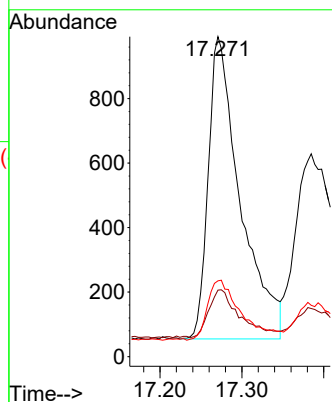
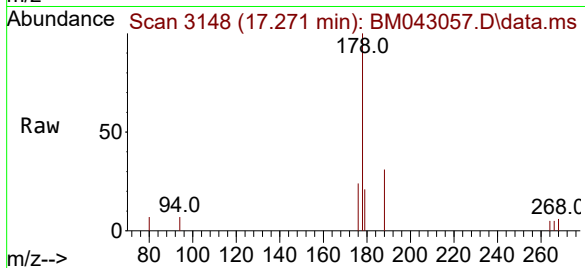
Tgt Ion:178 Resp: 2541

Ion Ratio Lower Upper

178 100

179 20.8 15.7 23.5

176 23.7 18.9 28.3



#16

Anthracene

Concen: 0.291 ng/ul

RT: 17.385 min Scan# 3175

Delta R.T. -0.008 min

Lab File: BM043057.D

Acq: 27 Nov 2023 20:01

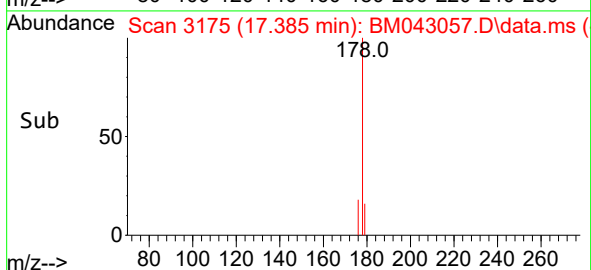
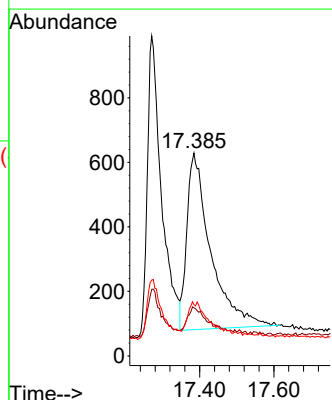
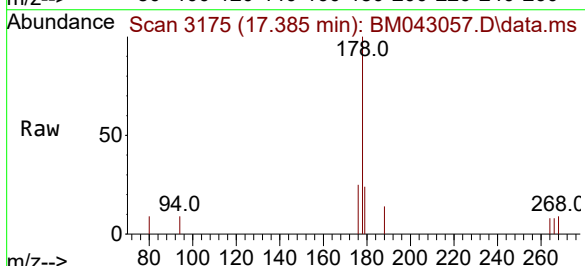
Tgt Ion:178 Resp: 2443

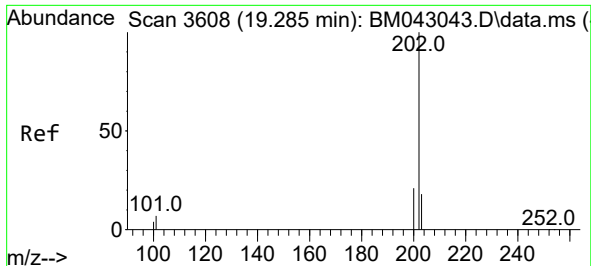
Ion Ratio Lower Upper

178 100

179 23.7 17.3 25.9

176 25.3 20.5 30.7

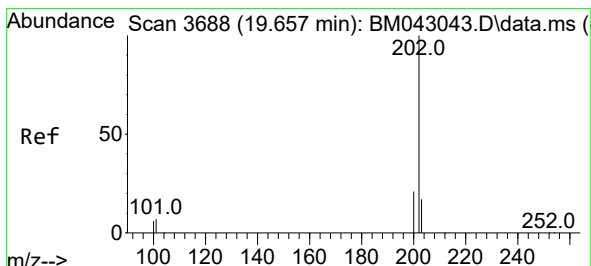
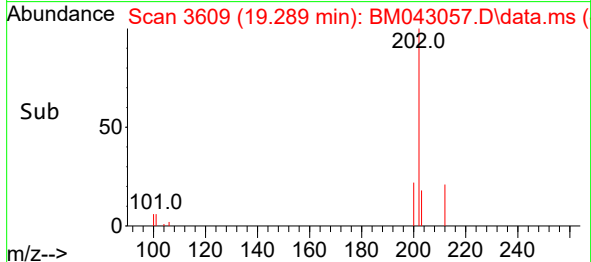
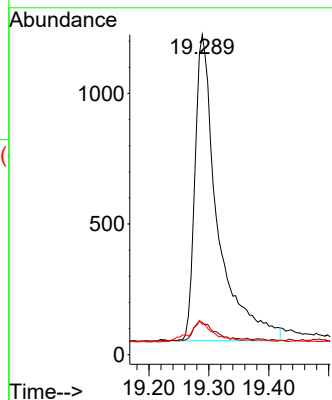
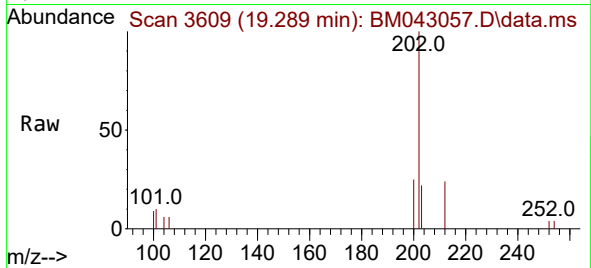




#19
Fluoranthene
Concen: 0.301 ng/ul
RT: 19.289 min Scan# 3609
Delta R.T. -0.005 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

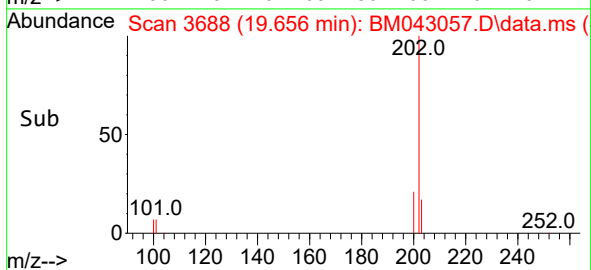
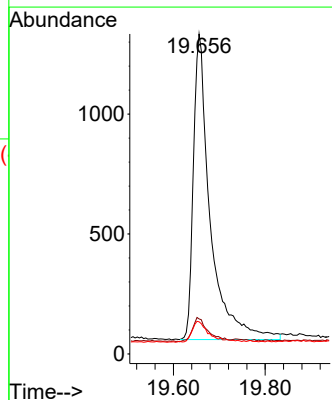
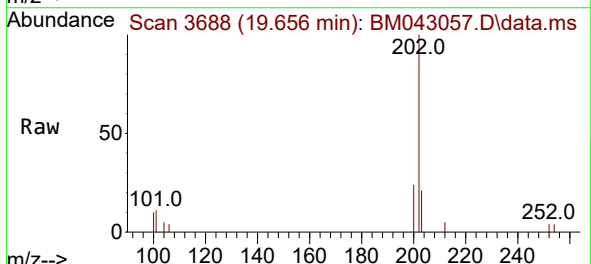
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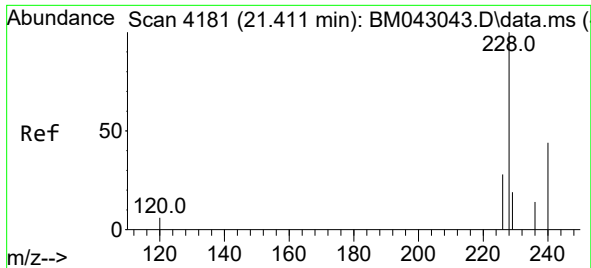
Tgt Ion:202 Resp: 3079
Ion Ratio Lower Upper
202 100
101 10.0 7.8 11.8
100 9.5 7.1 10.7



#20
Pyrene
Concen: 0.298 ng/ul
RT: 19.656 min Scan# 3688
Delta R.T. -0.005 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

Tgt Ion:202 Resp: 3248
Ion Ratio Lower Upper
202 100
101 10.9 8.7 13.1
100 10.0 7.8 11.8

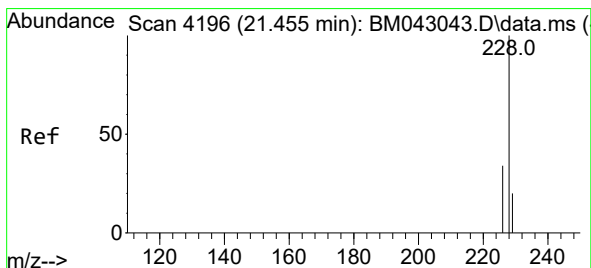
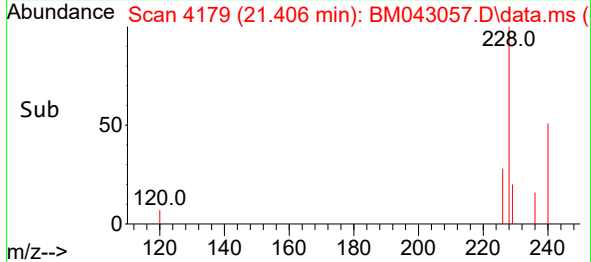
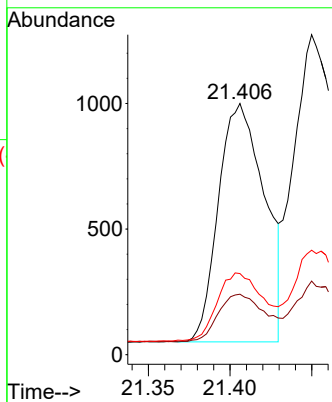
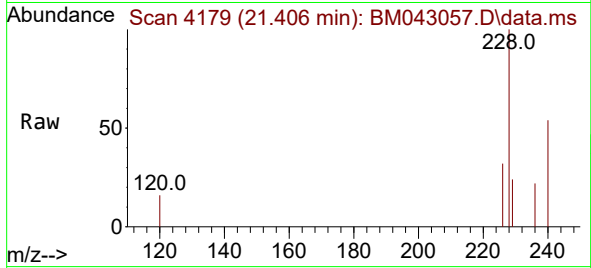




#21
Benzo(a)anthracene
Concen: 0.317 ng/ul
RT: 21.406 min Scan# 4181
Delta R.T. -0.006 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

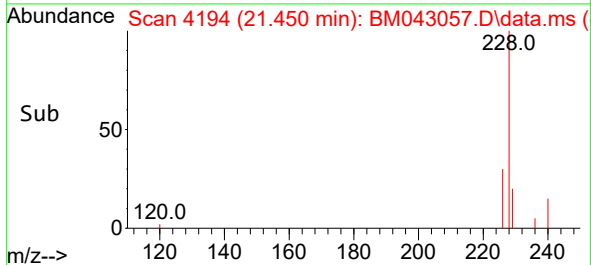
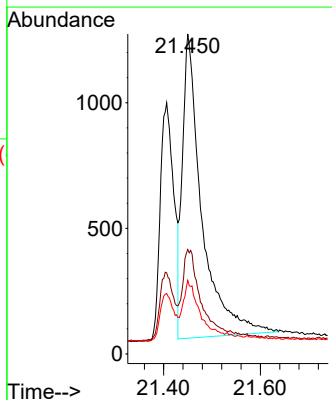
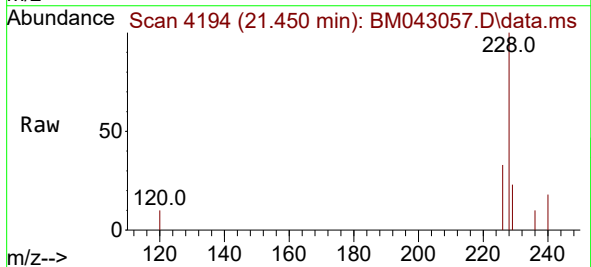
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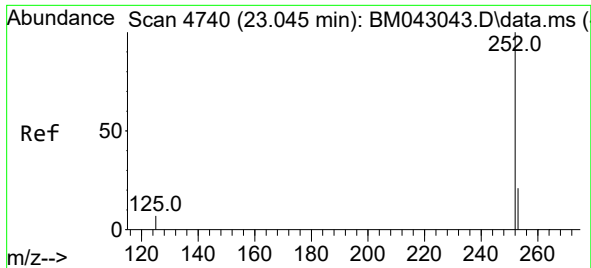
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Ion Ratio Lower Upper
228 100
229 24.1 19.4 29.0
226 32.3 24.9 37.3



#22
Chrysene
Concen: 0.309 ng/ul
RT: 21.450 min Scan# 4194
Delta R.T. -0.009 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

Tgt Ion:228 Resp: 3374
Ion Ratio Lower Upper
228 100
226 32.7 27.2 40.8
229 23.0 18.0 27.0

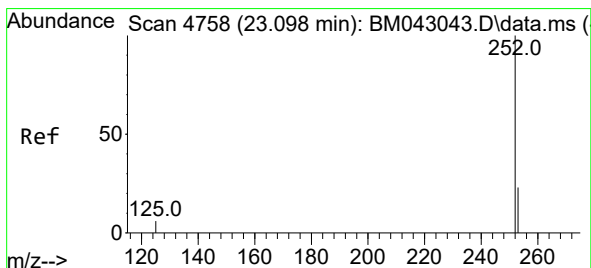
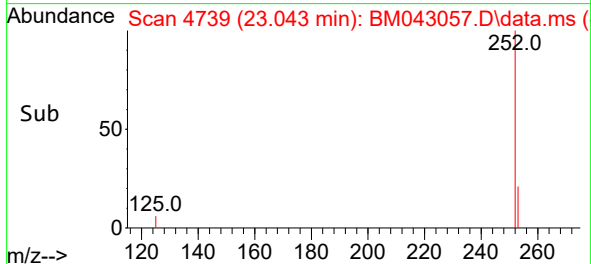
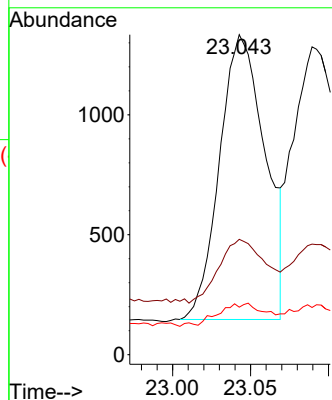
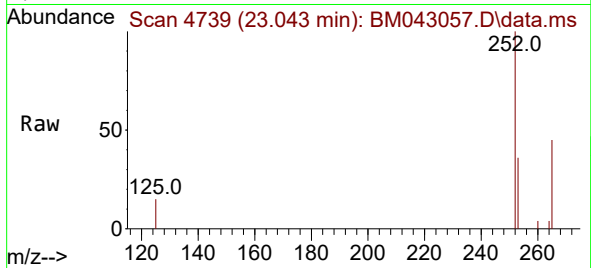




#24
Benzo(b)fluoranthene
Concen: 0.325 ng/ul
RT: 23.043 min Scan# 4739
Delta R.T. -0.009 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

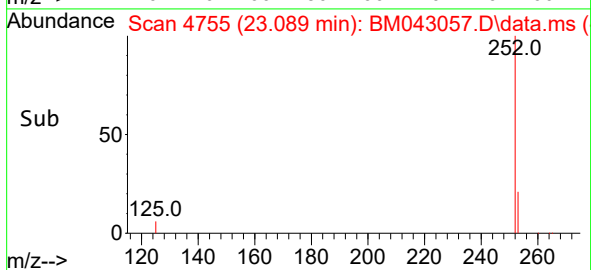
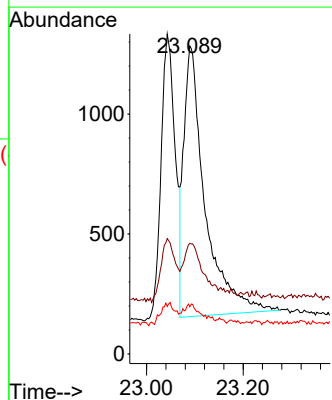
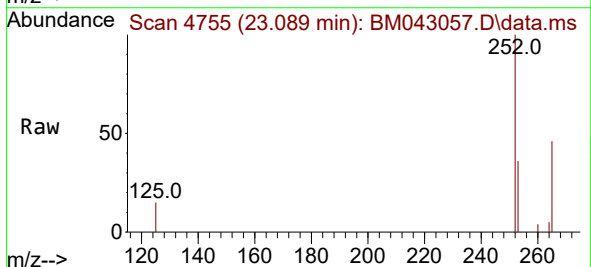
Instrument :
BNA_M
ClientSampleId :
SLCS192

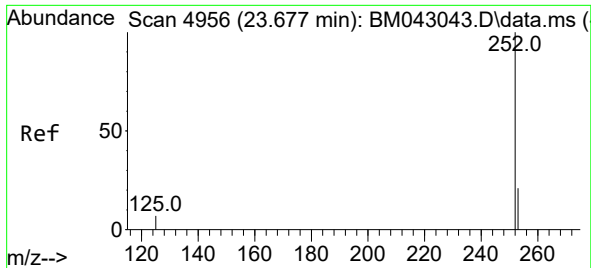
Tgt Ion:252 Resp: 2415
Ion Ratio Lower Upper
252 100
253 36.1 0.0 71.8
125 14.8 0.0 29.0



#25
Benzo(k)fluoranthene
Concen: 0.337 ng/ul
RT: 23.089 min Scan# 4755
Delta R.T. -0.009 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

Tgt Ion:252 Resp: 3454
Ion Ratio Lower Upper
252 100
253 35.9 28.2 42.2
125 15.4 11.0 16.6

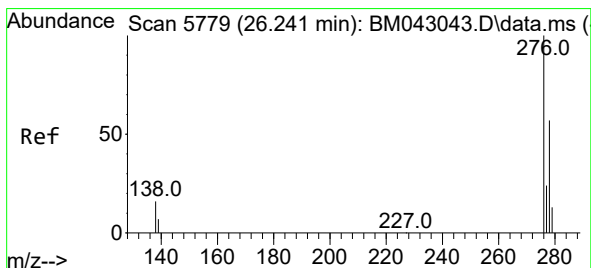
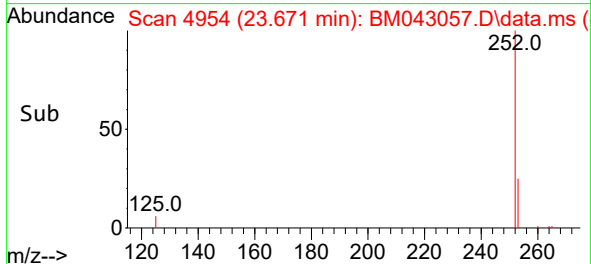
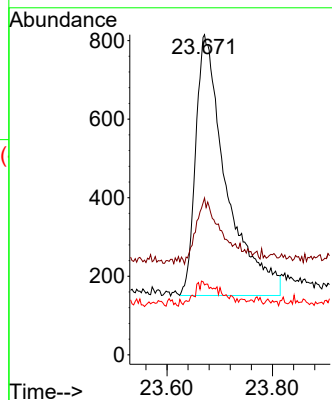
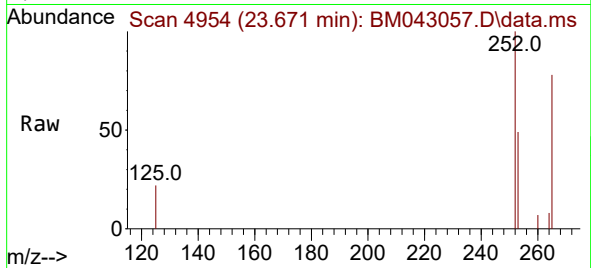




#26
Benzo(a)pyrene
Concen: 0.329 ng/ul
RT: 23.671 min Scan# 4956
Delta R.T. -0.015 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

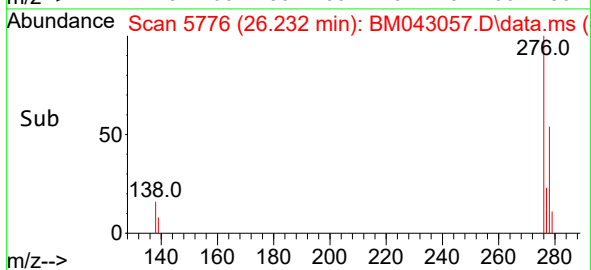
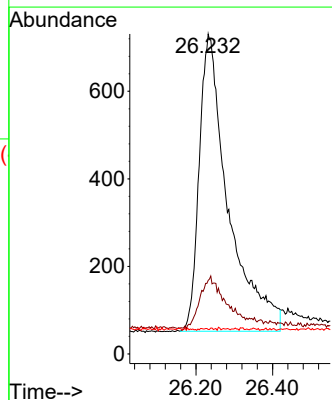
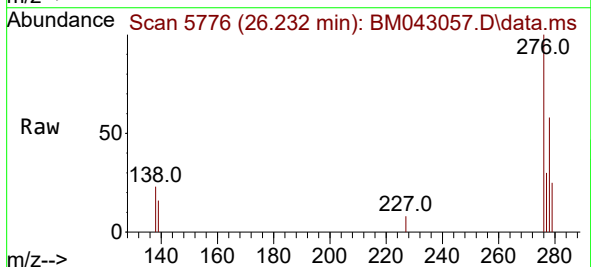
Instrument :
BNA_M
ClientSampleId :
SLCS192

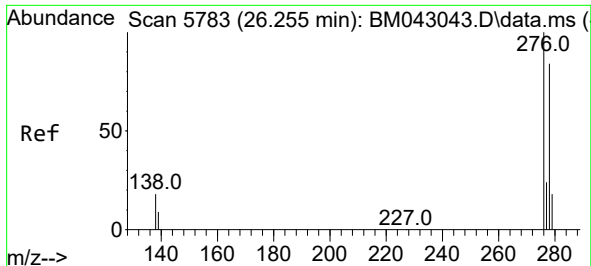
Tgt Ion:252 Resp: 2672
Ion Ratio Lower Upper
252 100
253 49.0 36.6 55.0
125 21.8 16.2 24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.324 ng/ul
RT: 26.232 min Scan# 5776
Delta R.T. -0.007 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

Tgt Ion:276 Resp: 3565
Ion Ratio Lower Upper
276 100
138 17.4 0.0 0.0#
227 0.1 0.2 0.2#

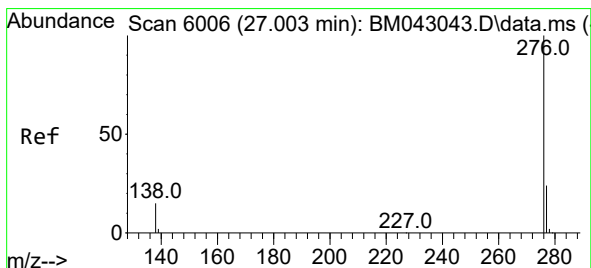
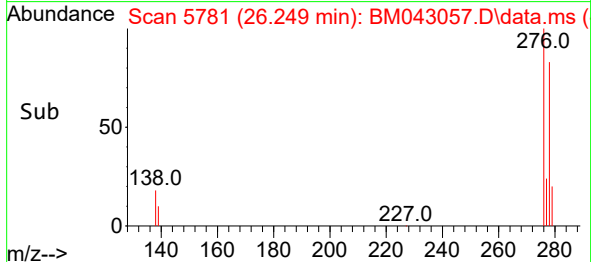
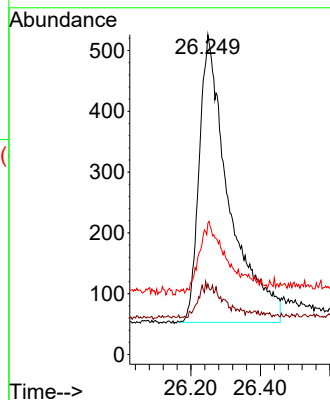
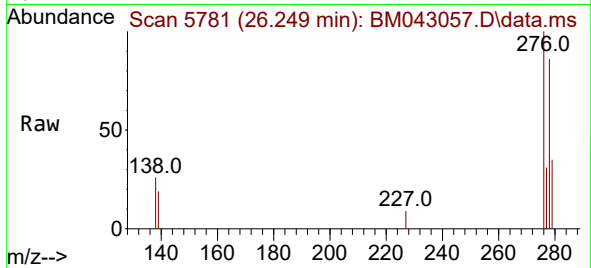




#28
Dibenzo(a,h)anthracene
Concen: 0.330 ng/ul
RT: 26.249 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

Instrument :
BNA_M
ClientSampleId :
SLCS192

Tgt Ion:278 Resp: 2805
Ion Ratio Lower Upper
278 100
139 22.1 18.1 27.1
279 41.1 34.4 51.6



#29
Benzo(g,h,i)perylene
Concen: 0.315 ng/ul
RT: 26.997 min Scan# 6004
Delta R.T. -0.013 min
Lab File: BM043057.D
Acq: 27 Nov 2023 20:01

Tgt Ion:276 Resp: 3364
Ion Ratio Lower Upper
276 100
138 23.3 17.8 26.8
277 29.8 23.8 35.8

