

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042645.D
 Acq On : 08 Nov 2023 12:34
 Operator : MA/JU
 Sample : PB156630BS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS630

Quant Time: Nov 08 22:54:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:23:03 2023
 Response via : Initial Calibration

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

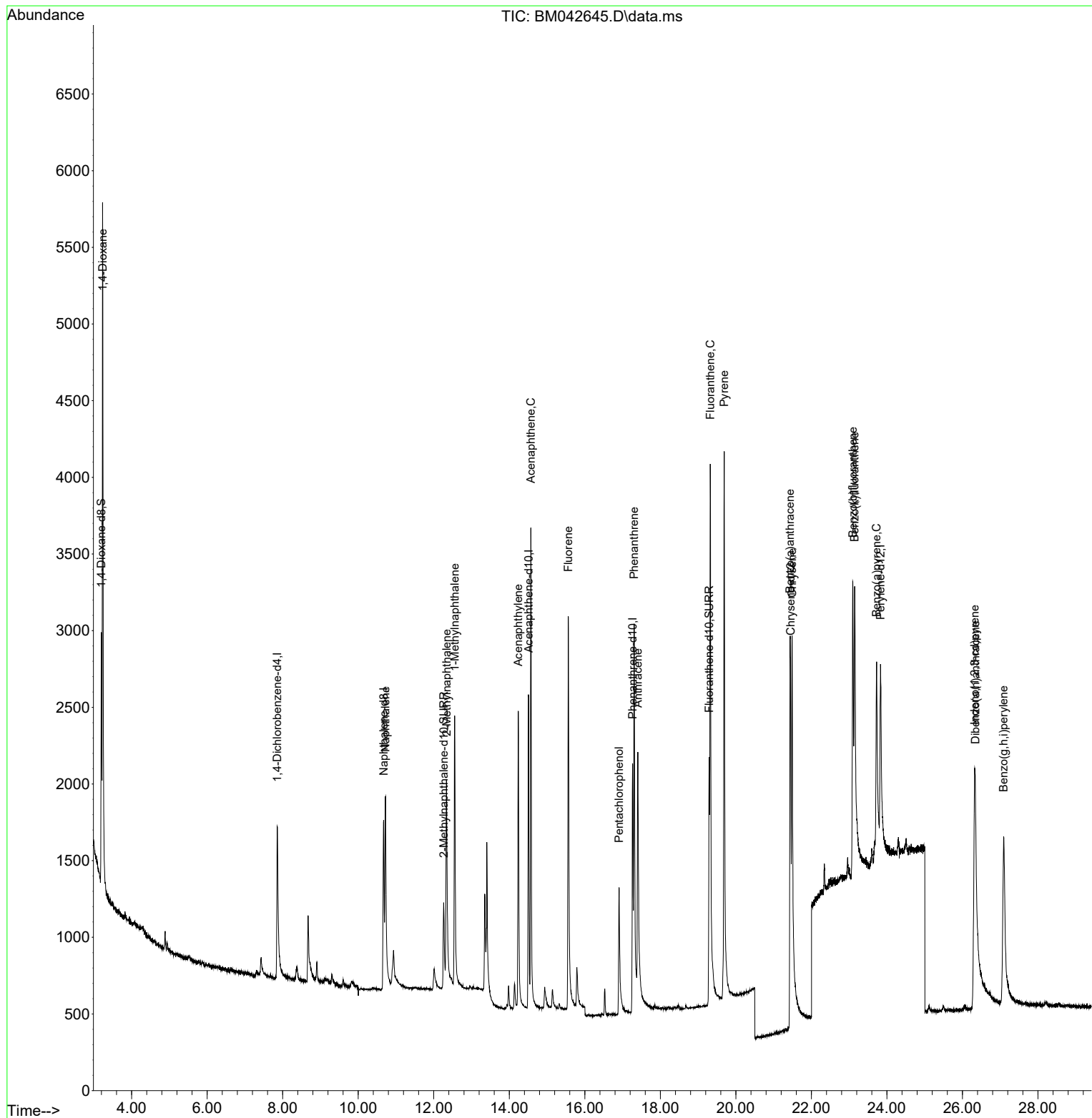
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	940	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.672	136	2079	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	1239	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.264	188	2457	0.400	ng/ul	0.00
17) Chrysene-d12	21.449	240	1817	0.400	ng/ul	0.00
23) Perylene-d12	23.832	264	2053	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.197	96	940	0.757	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.262	152	1111	0.383	ng/ul	-0.01
18) Fluoranthene-d10	19.290	212	2380	0.378	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.231	88	2724	1.845	ng/ul#	59
5) Naphthalene	10.722	128	2346	0.349	ng/ul	97
7) 2-Methylnaphthalene	12.339	142	1423	0.330	ng/ul	93
8) 1-Methylnaphthalene	12.553	142	1387	0.318	ng/ul	99
10) Acenaphthylene	14.238	152	2751	0.324	ng/ul	97
11) Acenaphthene	14.571	153	1926	0.335	ng/ul	99
12) Fluorene	15.561	166	2171	0.329	ng/ul	97
14) Pentachlorophenol	16.905	266	844	0.674	ng/ul	96
15) Phenanthrene	17.306	178	3240	0.340	ng/ul	98
16) Anthracene	17.403	178	2809	0.326	ng/ul	95
19) Fluoranthene	19.323	202	3816	0.336	ng/ul	98
20) Pyrene	19.690	202	4129	0.331	ng/ul	98
21) Benzo(a)anthracene	21.435	228	2493	0.308	ng/ul	99
22) Chrysene	21.490	228	2814	0.337	ng/ul	99
24) Benzo(b)fluoranthene	23.098	252	3027	0.365	ng/ul	95
25) Benzo(k)fluoranthene	23.145	252	3033	0.349	ng/ul	97
26) Benzo(a)pyrene	23.726	252	3169	0.369	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.322	276	3872	0.347	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.342	278	2780	0.349	ng/ul	94
29) Benzo(g,h,i)perylene	27.090	276	3514	0.339	ng/ul	99

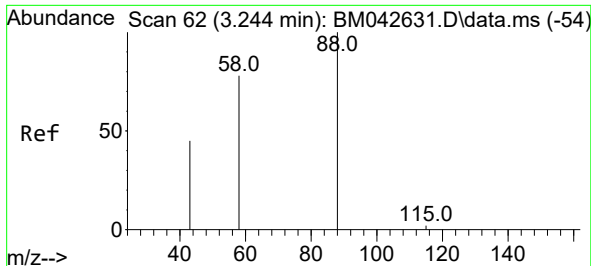
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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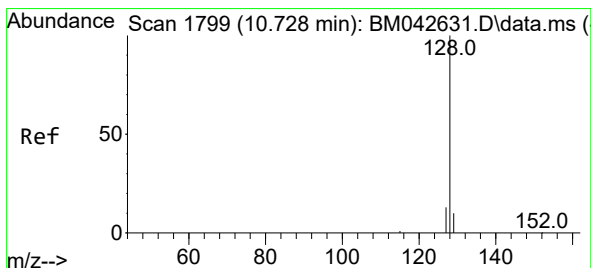
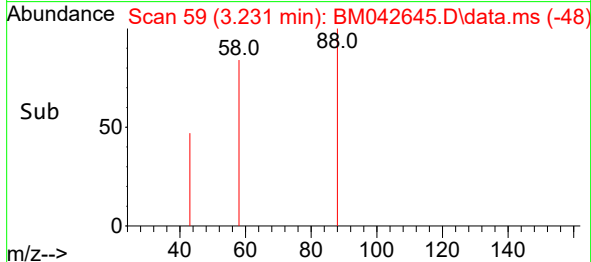
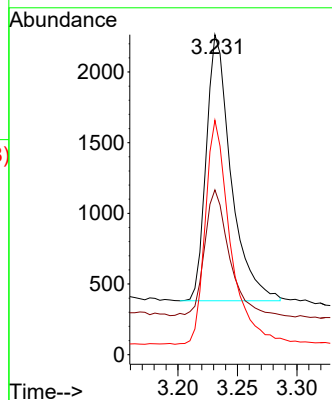
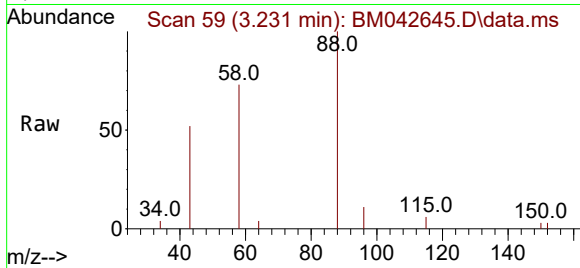




#2
1,4-Dioxane
Concen: 1.845 ng/ul
RT: 3.231 min Scan# 51
Delta R.T. -0.015 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

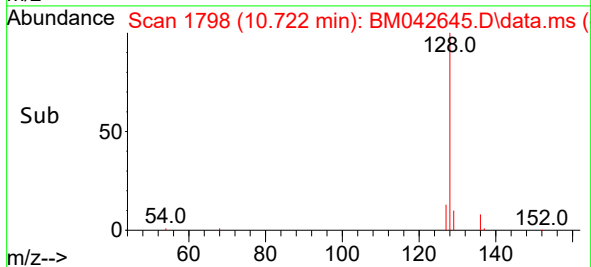
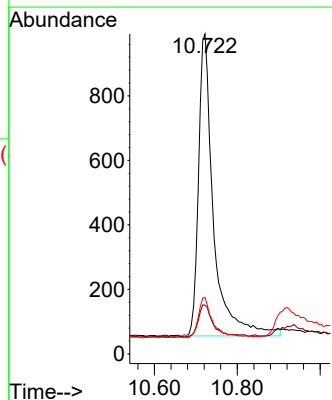
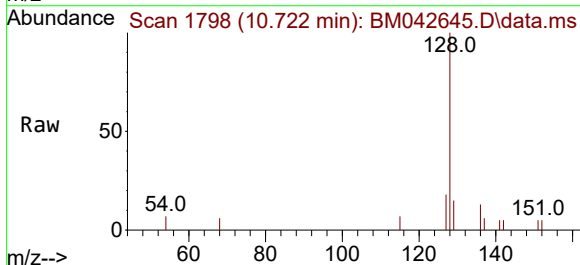
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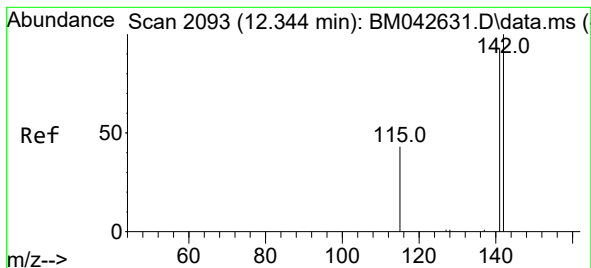
Tgt Ion: 88 Resp: 2724
Ion Ratio Lower Upper
88 100
43 51.5 77.5 116.3#
58 73.2 40.9 61.3#



#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.722 min Scan# 1798
Delta R.T. -0.013 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion: 128 Resp: 2346
Ion Ratio Lower Upper
128 100
129 15.2 11.3 16.9
127 17.6 13.0 19.4

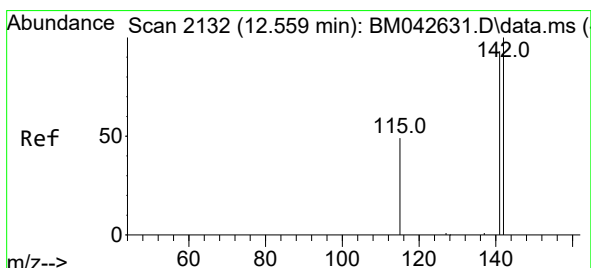
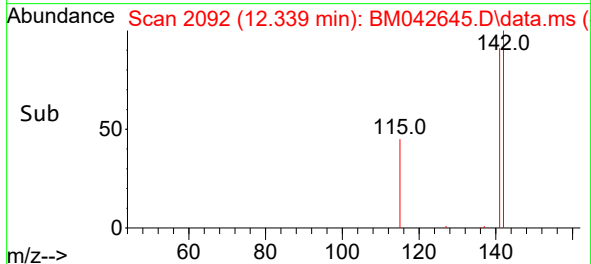
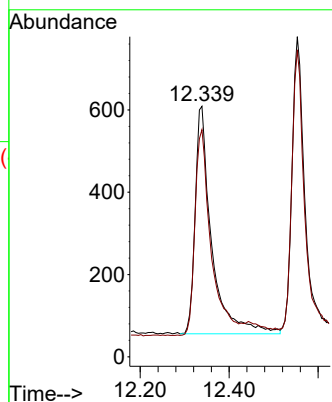
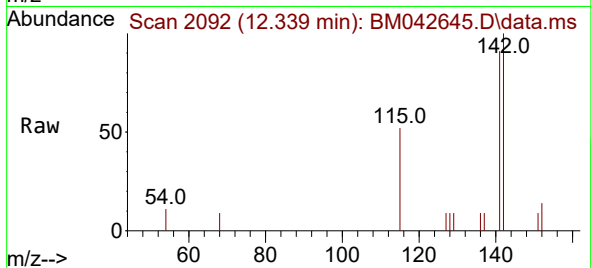




#7
2-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.339 min Scan# 2092
Delta R.T. -0.008 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

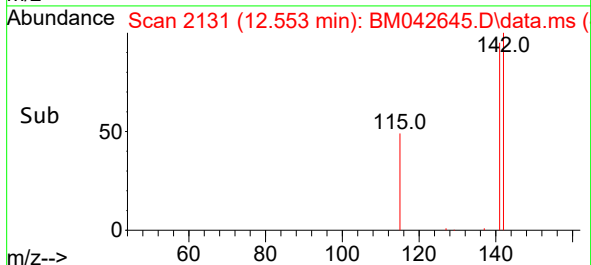
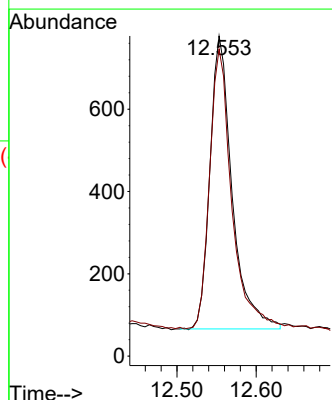
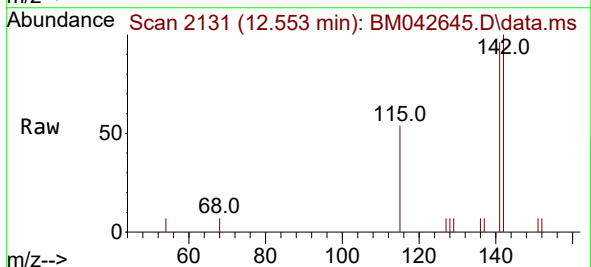
Instrument :
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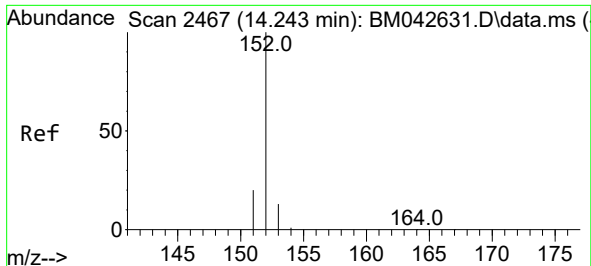
Tgt Ion:142 Resp: 1423
Ion Ratio Lower Upper
142 100
141 96.2 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.553 min Scan# 2131
Delta R.T. -0.013 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:142 Resp: 1387
Ion Ratio Lower Upper
142 100
141 95.4 75.4 113.2

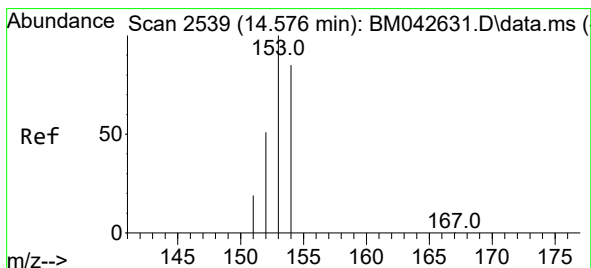
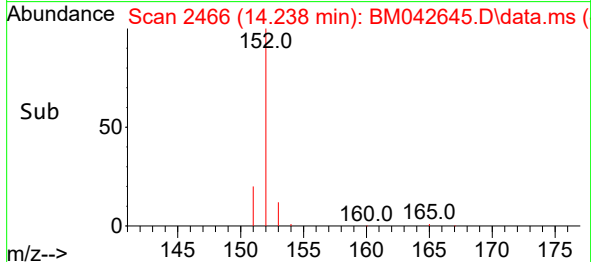
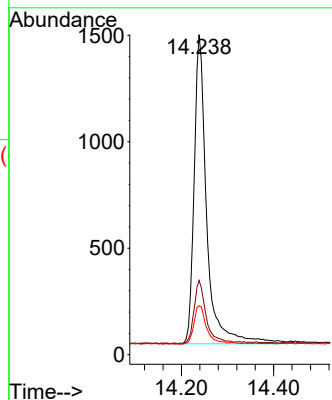
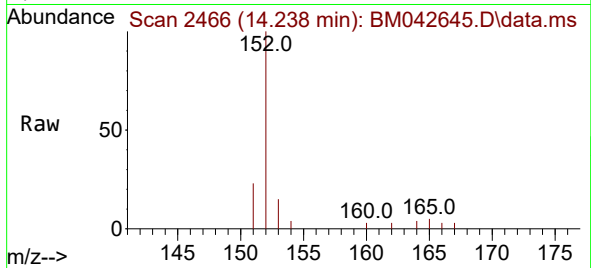




#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.007 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

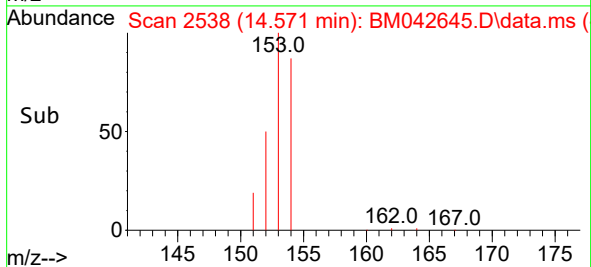
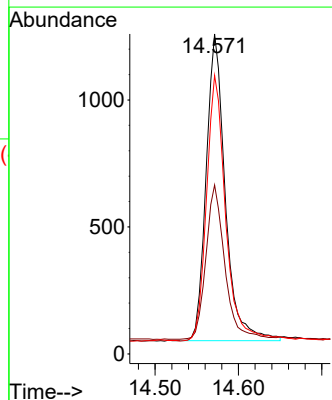
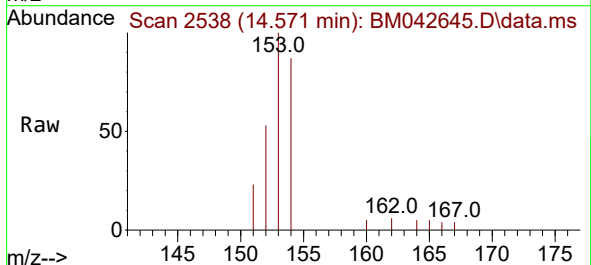
Instrument :
BNA_M
ClientSampleId :
SLCS630

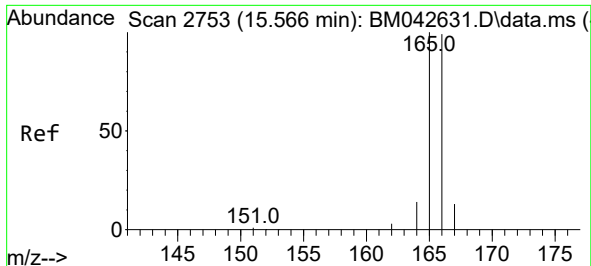
Tgt Ion:152	Resp:	2751
Ion Ratio	Lower	Upper
152	100	
151	23.2	17.2 25.8
153	15.3	11.8 17.8



#11
Acenaphthene
Concen: 0.335 ng/ul
RT: 14.571 min Scan# 2538
Delta R.T. -0.007 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:153	Resp:	1926
Ion Ratio	Lower	Upper
153	100	
152	52.8	41.8 62.6
154	87.1	69.2 103.8

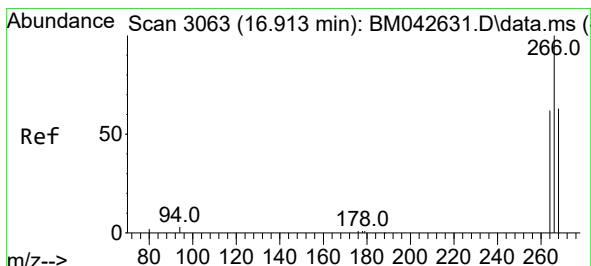
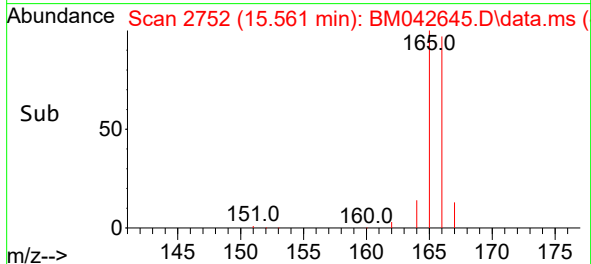
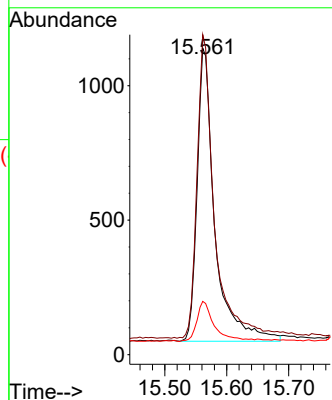
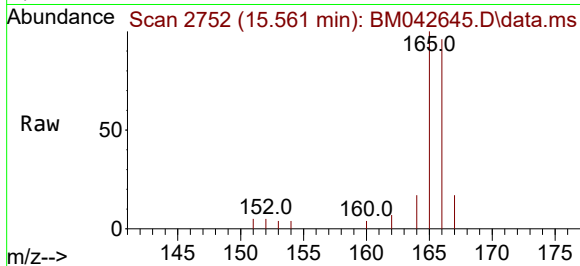




#12
Fluorene
Concen: 0.329 ng/ul
RT: 15.561 min Scan# 21
Delta R.T. -0.007 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

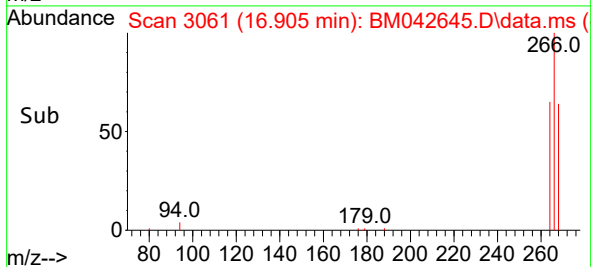
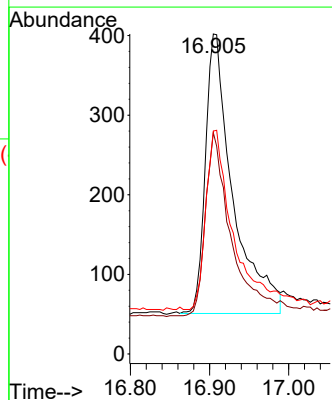
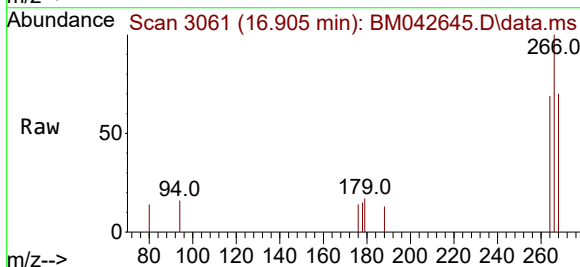
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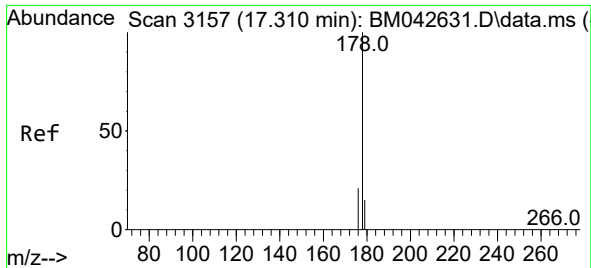
Tgt Ion:166 Resp: 2171
Ion Ratio Lower Upper
166 100
165 104.4 81.2 121.8
167 17.4 11.9 17.9



#14
Pentachlorophenol
Concen: 0.674 ng/ul
RT: 16.905 min Scan# 3061
Delta R.T. -0.006 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:266 Resp: 844
Ion Ratio Lower Upper
266 100
264 61.1 50.4 75.6
268 63.9 54.8 82.2

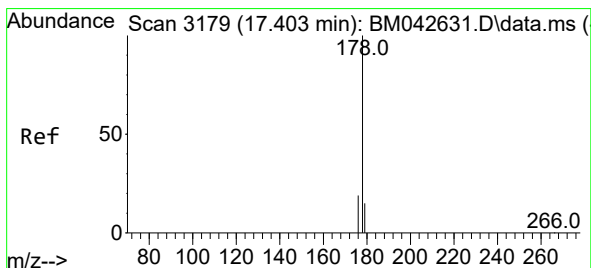
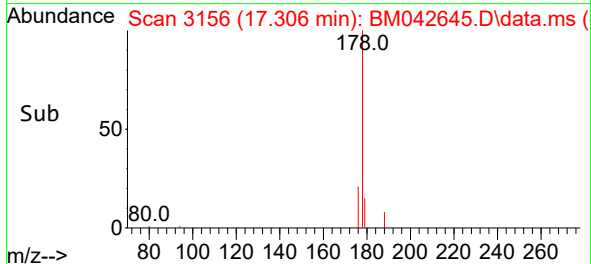
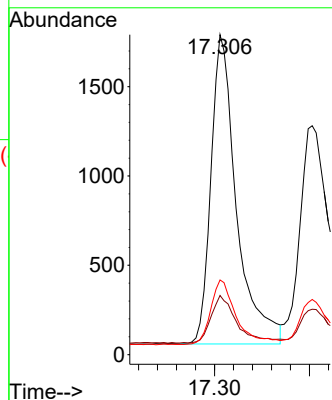
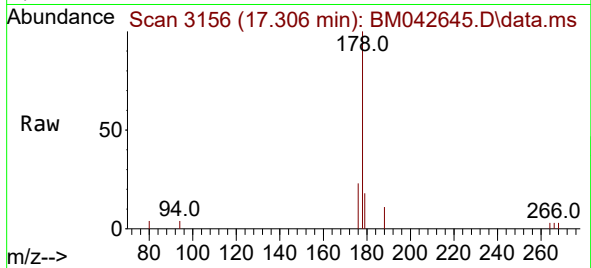




#15
Phenanthrene
Concen: 0.340 ng/ul
RT: 17.306 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

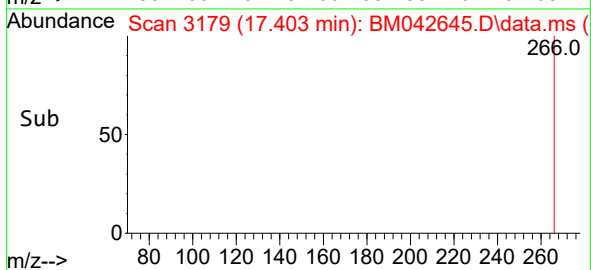
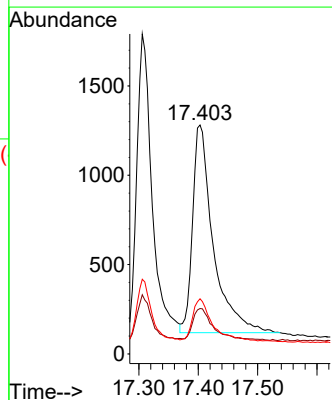
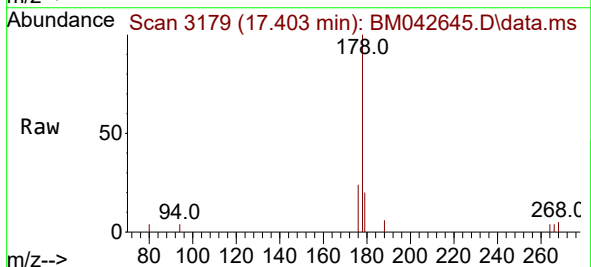
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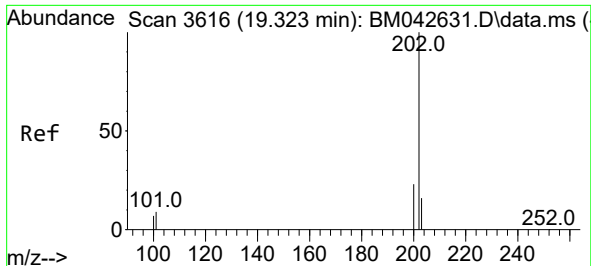
Tgt Ion:178 Resp: 3240
Ion Ratio Lower Upper
178 100
179 18.5 13.7 20.5
176 23.3 18.2 27.2



#16
Anthracene
Concen: 0.326 ng/ul
RT: 17.403 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:178 Resp: 2809
Ion Ratio Lower Upper
178 100
179 19.8 14.2 21.4
176 24.1 17.6 26.4

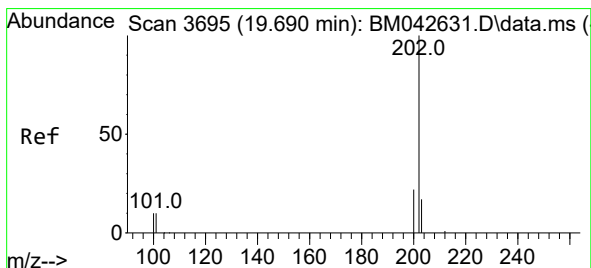
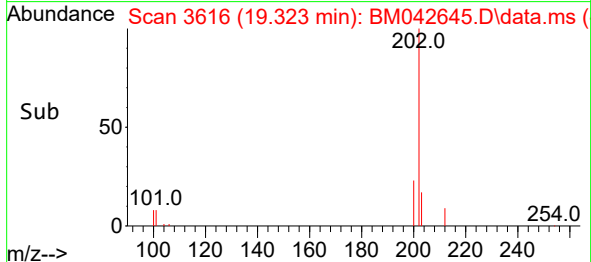
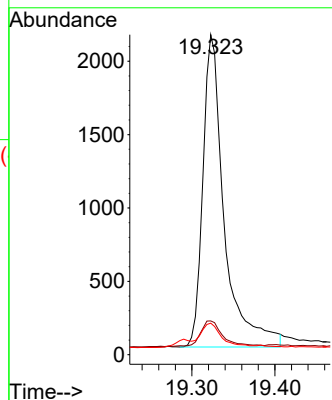
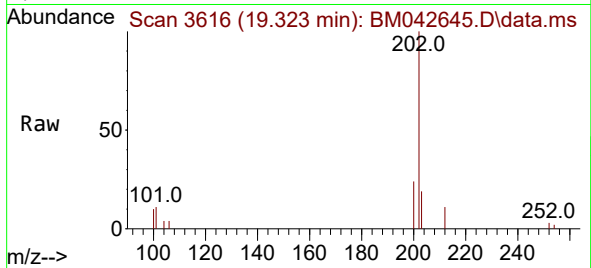




#19
Fluoranthene
Concen: 0.336 ng/ul
RT: 19.323 min Scan# 3616
Delta R.T. -0.006 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

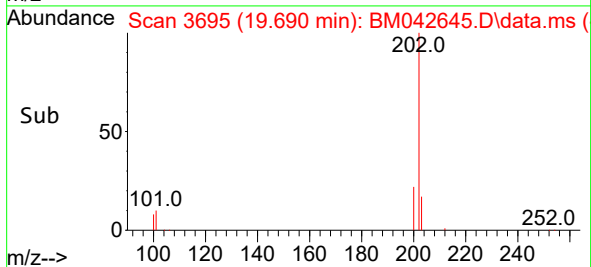
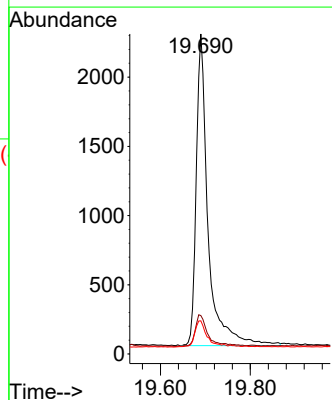
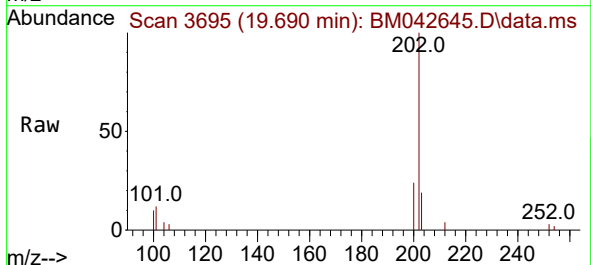
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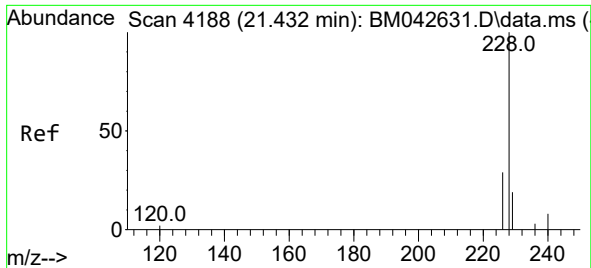
Tgt Ion:202 Resp: 3816
Ion Ratio Lower Upper
202 100
101 10.5 9.0 13.6
100 9.9 7.3 10.9



#20
Pyrene
Concen: 0.331 ng/ul
RT: 19.690 min Scan# 3695
Delta R.T. -0.006 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:202 Resp: 4129
Ion Ratio Lower Upper
202 100
101 12.0 10.6 16.0
100 10.4 8.6 13.0

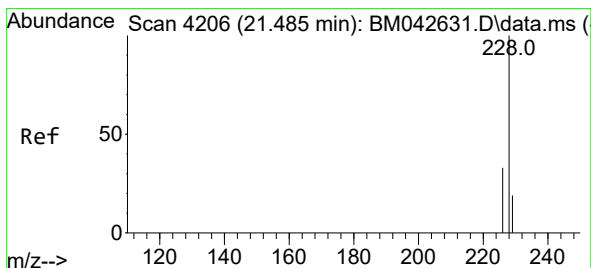
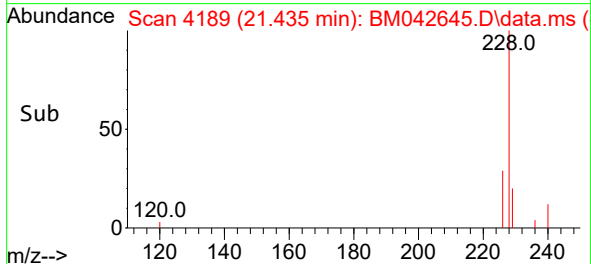
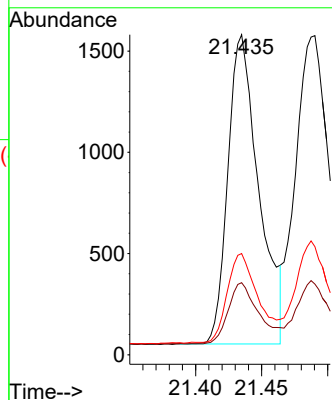
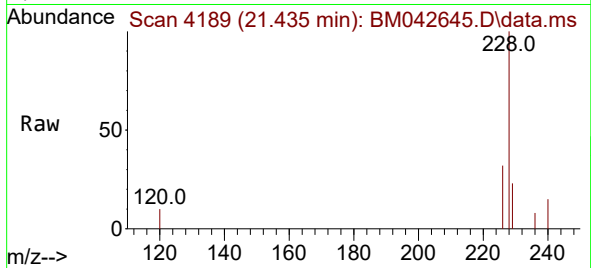




#21
Benzo(a)anthracene
Concen: 0.308 ng/ul
RT: 21.435 min Scan# 4188
Delta R.T. -0.002 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

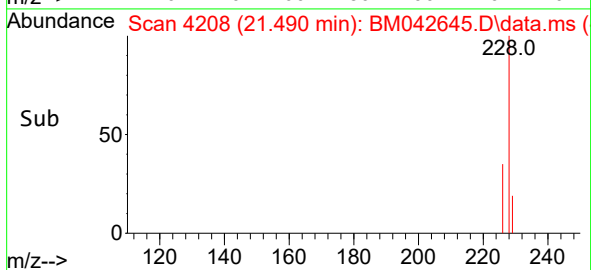
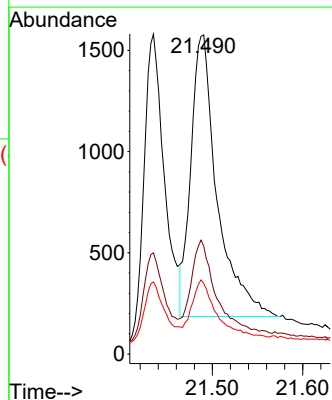
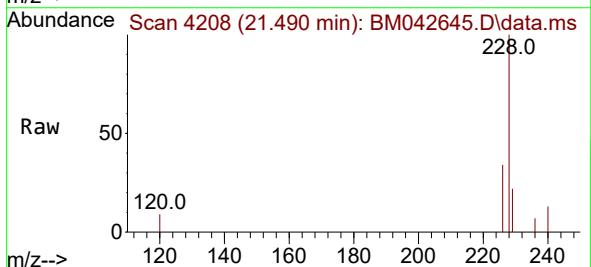
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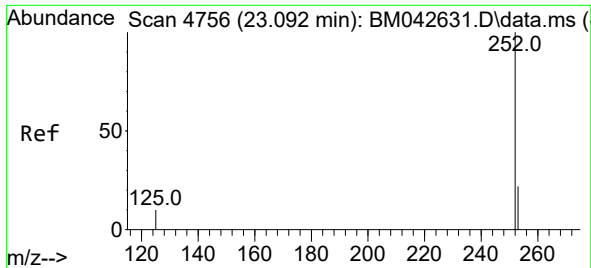
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Ion Ratio Lower Upper
228 100
229 22.5 17.0 25.4
226 31.6 25.2 37.8



#22
Chrysene
Concen: 0.337 ng/ul
RT: 21.490 min Scan# 4208
Delta R.T. -0.002 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:228 Resp: 2814
Ion Ratio Lower Upper
228 100
226 33.9 27.4 41.0
229 22.1 17.0 25.6

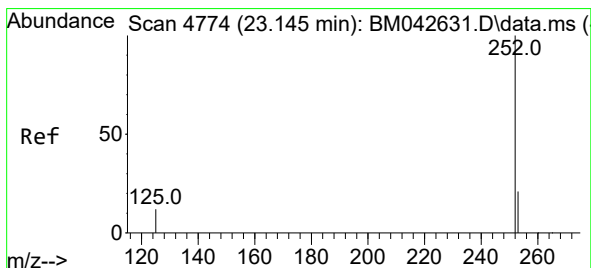
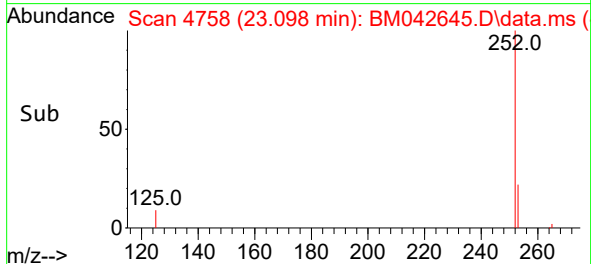
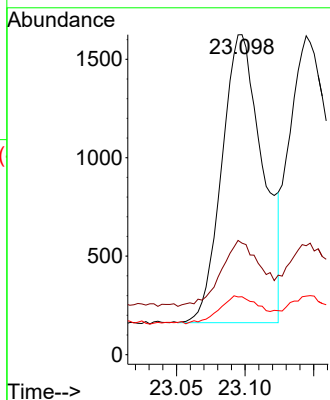
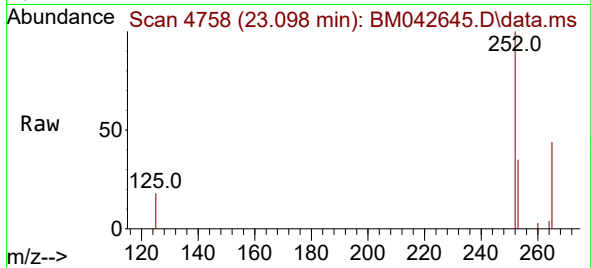




#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 23.098 min Scan# 4756
Delta R.T. -0.002 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

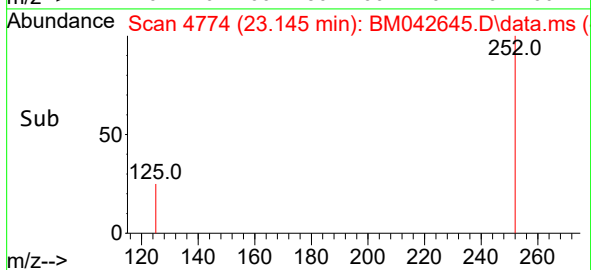
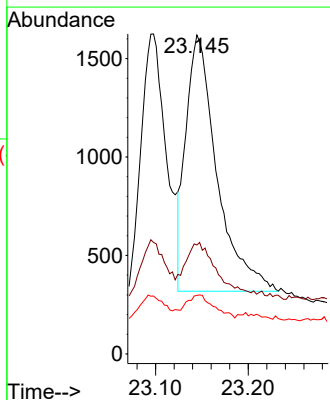
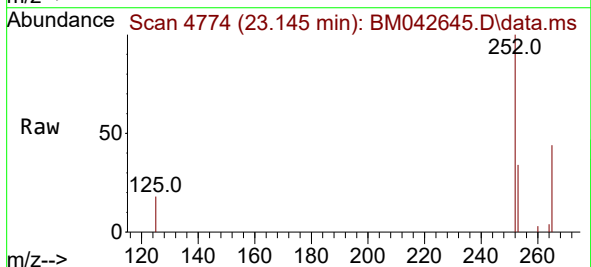
Instrument :
BNA_M
ClientSampleId :
SLCS630

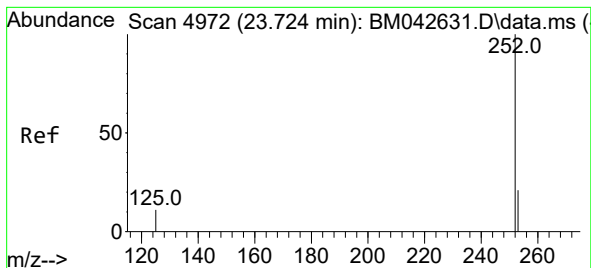
Tgt Ion:252 Resp: 3027
Ion Ratio Lower Upper
252 100
253 34.8 0.0 65.8
125 18.1 0.0 43.6



#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 23.145 min Scan# 4774
Delta R.T. -0.005 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:252 Resp: 3033
Ion Ratio Lower Upper
252 100
253 34.2 27.0 40.6
125 18.3 17.5 26.3





#26

Benzo(a)pyrene

Concen: 0.369 ng/ul

RT: 23.726 min Scan# 4972

Delta R.T. -0.008 min

Lab File: BM042645.D

Acq: 08 Nov 2023 12:34

Instrument :

BNA_M

ClientSampleId :

SLCS630

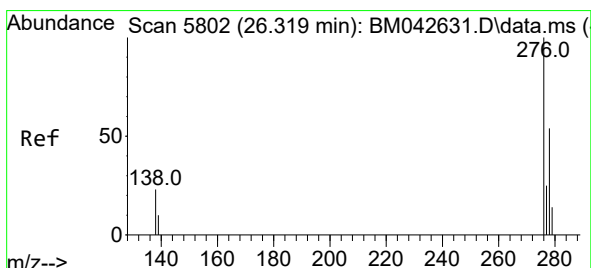
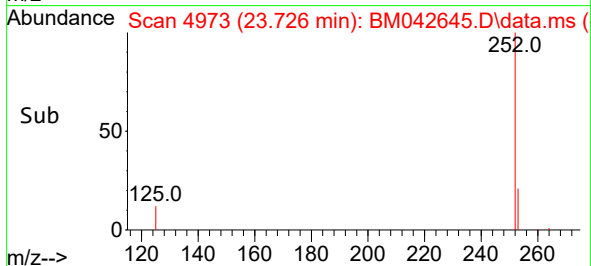
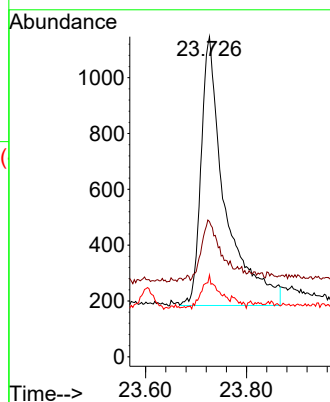
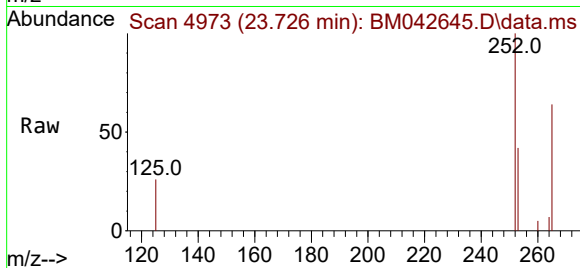
Tgt Ion:252 Resp: 3169

Ion Ratio Lower Upper

252 100

253 42.2 31.7 47.5

125 25.5 22.1 33.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.347 ng/ul

RT: 26.322 min Scan# 5803

Delta R.T. -0.006 min

Lab File: BM042645.D

Acq: 08 Nov 2023 12:34

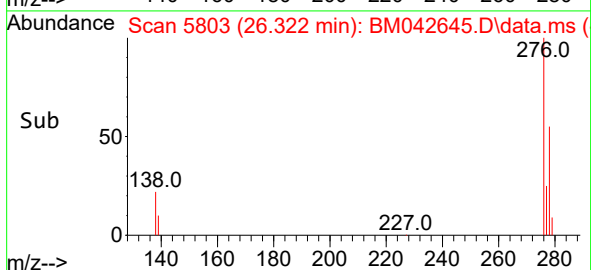
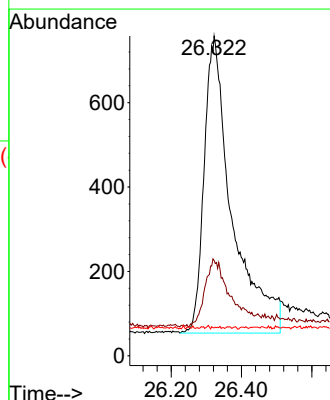
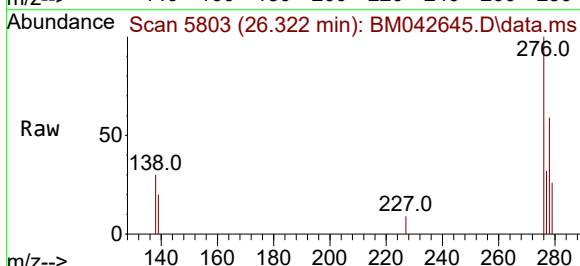
Tgt Ion:276 Resp: 3872

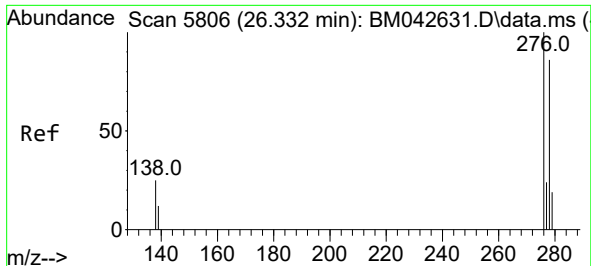
Ion Ratio Lower Upper

276 100

138 21.6 20.7 31.1

227 0.1 0.1 0.1#

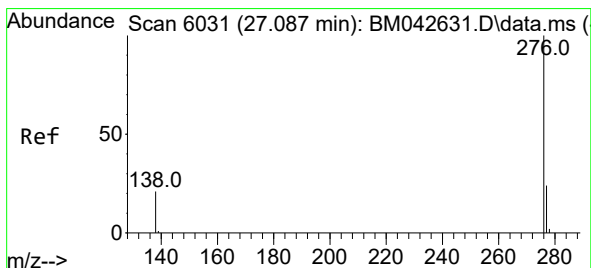
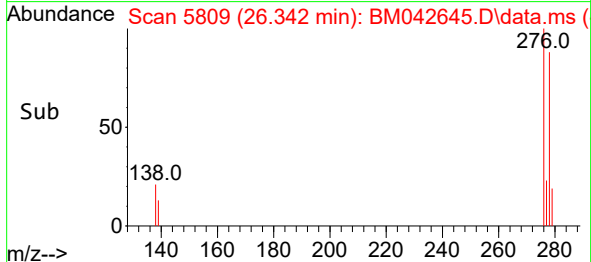
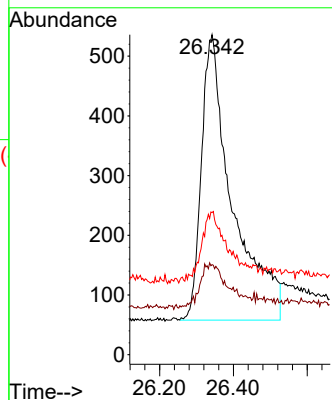
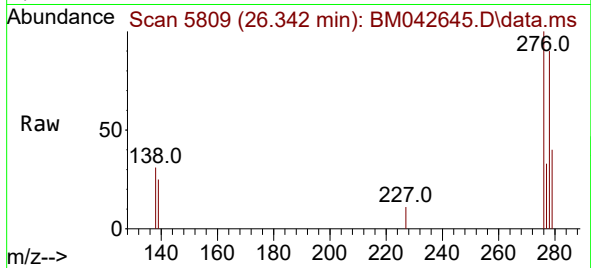




#28
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 26.342 min Scan# 5809
Delta R.T. -0.006 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Instrument :
BNA_M
ClientSampleId :
SLCS630

Tgt Ion:278 Resp: 2780
Ion Ratio Lower Upper
278 100
139 28.2 24.3 36.5
279 44.4 31.5 47.3



#29
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 27.090 min Scan# 6032
Delta R.T. -0.016 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:276 Resp: 3514
Ion Ratio Lower Upper
276 100
138 27.9 22.3 33.5
277 30.1 23.6 35.4

