

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041466.D
 Acq On : 24 Aug 2023 15:31
 Operator : MA/JU
 Sample : PB155026BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS026

Quant Time: Aug 24 18:36:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 24 18:34:12 2023
 Response via : Initial Calibration

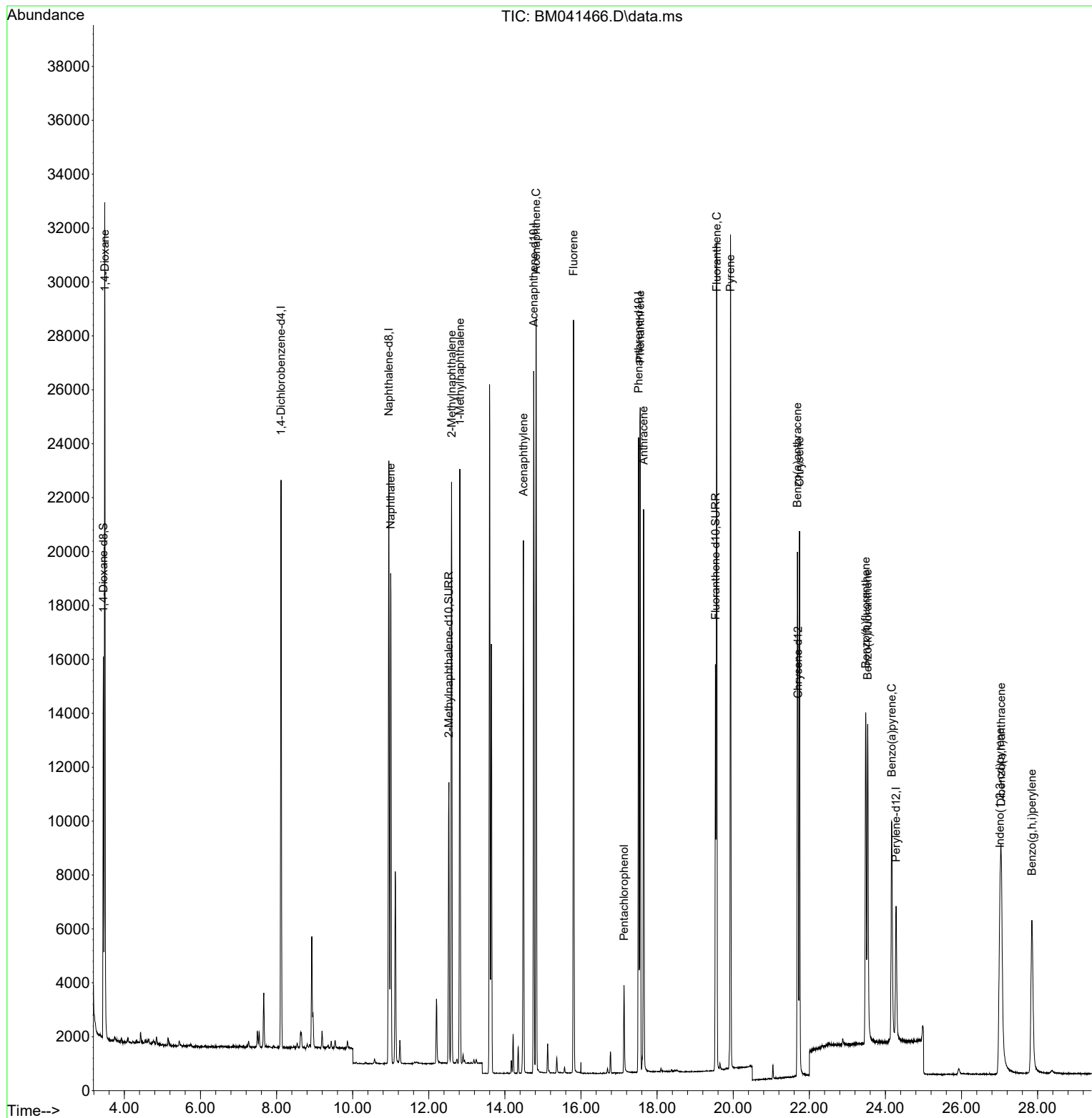
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	10348	0.400	ng/ul	0.00
4) Naphthalene-d8	10.950	136	28520	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.759	164	13012	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.515	188	24803	0.400	ng/ul	0.00
17) Chrysene-d12	21.705	240	7423	0.400	ng/ul	0.00
23) Perylene-d12	24.281	264	7212	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	8074	0.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.528	152	12487	0.332	ng/ul	0.00
18) Fluoranthene-d10	19.534	212	13123	0.401	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.486	88	18992	1.409	ng/ul#	92
5) Naphthalene	10.999	128	24531	0.289	ng/ul	100
7) 2-Methylnaphthalene	12.599	142	14493	0.284	ng/ul	100
8) 1-Methylnaphthalene	12.819	142	15433	0.297	ng/ul	100
10) Acenaphthylene	14.486	152	21811	0.279	ng/ul	100
11) Acenaphthene	14.823	153	15586	0.287	ng/ul	97
12) Fluorene	15.804	166	17145	0.282	ng/ul	100
14) Pentachlorophenol	17.130	266	2168	0.464	ng/ul	98
15) Phenanthrene	17.557	178	26169	0.287	ng/ul	100
16) Anthracene	17.645	178	22593	0.273	ng/ul	100
19) Fluoranthene	19.566	202	24786	0.364	ng/ul	100
20) Pyrene	19.929	202	24875	0.362	ng/ul	96
21) Benzo(a)anthracene	21.688	228	15889	0.329	ng/ul	99
22) Chrysene	21.743	228	18174	0.348	ng/ul	99
24) Benzo(b)fluoranthene	23.483	252	17081	0.346	ng/ul	96
25) Benzo(k)fluoranthene	23.535	252	17260	0.349	ng/ul	99
26) Benzo(a)pyrene	24.164	252	14404	0.355	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	27.008	276	16780	0.331	ng/ul#	95
28) Dibenzo(a,h)anthracene	27.042	278	13147	0.339	ng/ul	98
29) Benzo(g,h,i)perylene	27.850	276	14850	0.333	ng/ul	97

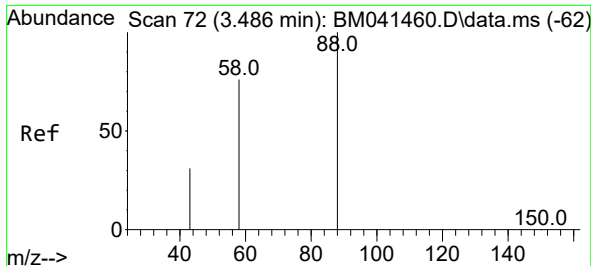
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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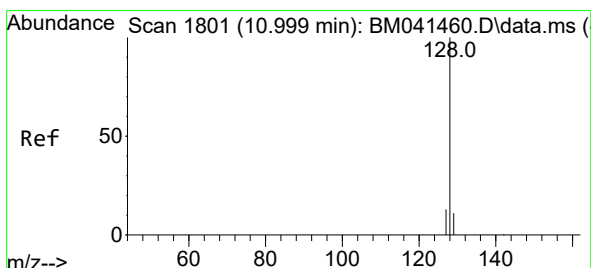
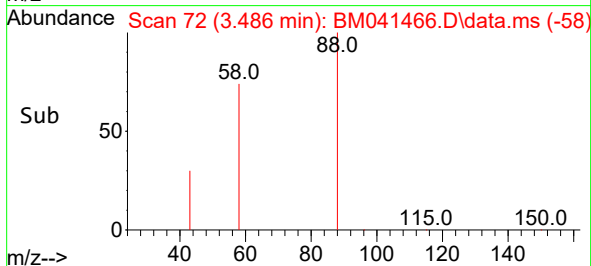
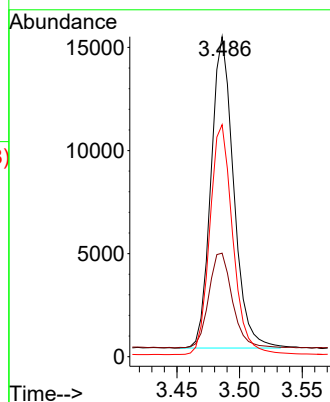
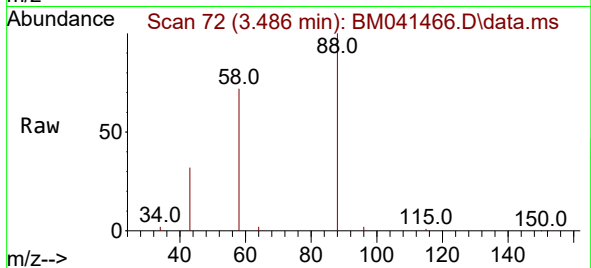




#2
1,4-Dioxane
Concen: 1.409 ng/ul
RT: 3.486 min Scan# 72
Delta R.T. 0.000 min
Lab File: BM041466.D
Acq: 24 Aug 2023 15:31

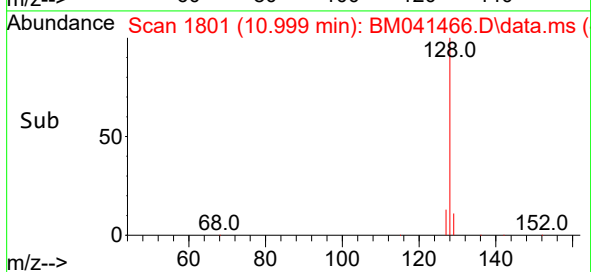
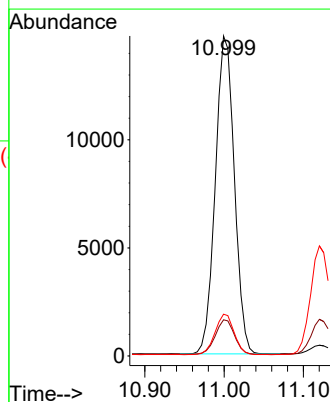
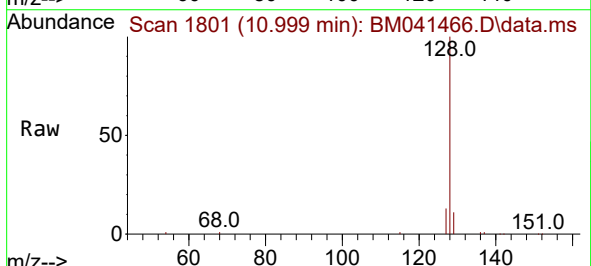
Instrument :
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SLCS026

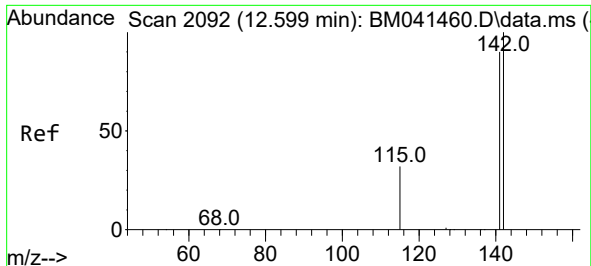
Tgt Ion: 88 Resp: 18992
Ion Ratio Lower Upper
88 100
43 32.4 35.4 53.2#
58 72.5 57.3 85.9



#5
Naphthalene
Concen: 0.289 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BM041466.D
Acq: 24 Aug 2023 15:31

Tgt Ion: 128 Resp: 24531
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.0 10.6 15.8

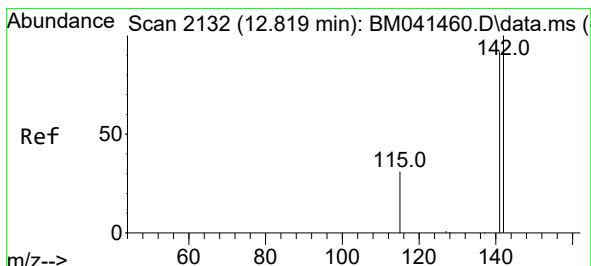
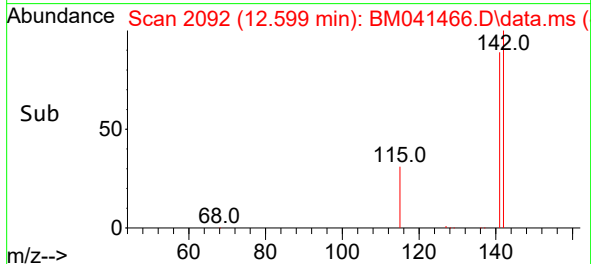
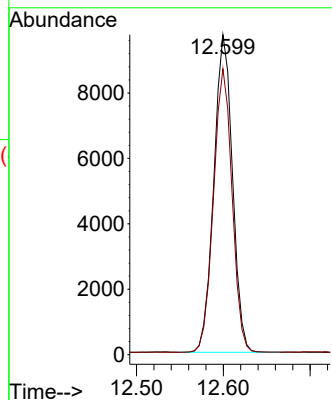
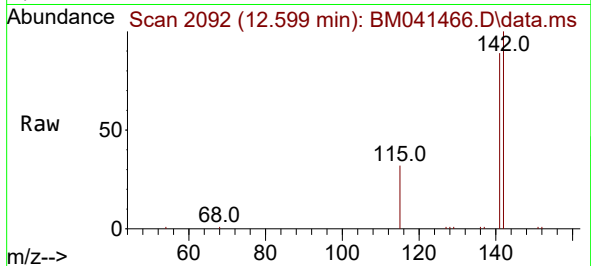




#7
2-Methylnaphthalene
Concen: 0.284 ng/ul
RT: 12.599 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BM041466.D
Acq: 24 Aug 2023 15:31

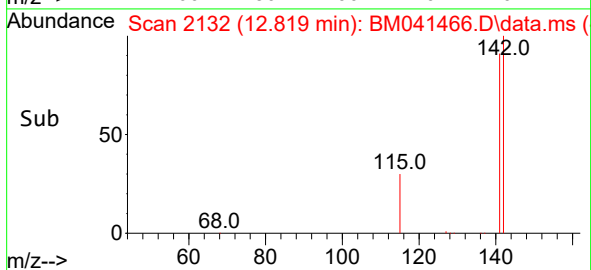
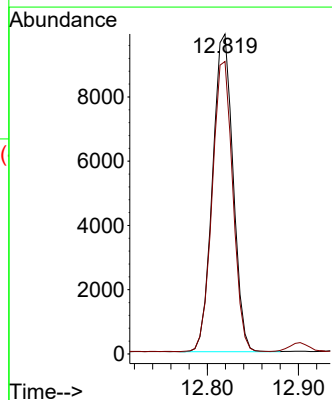
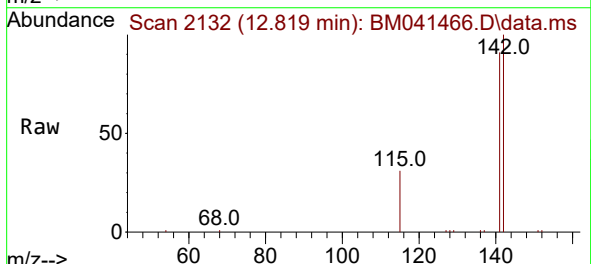
Instrument :
BNA_M
ClientSampleId :
SLCS026

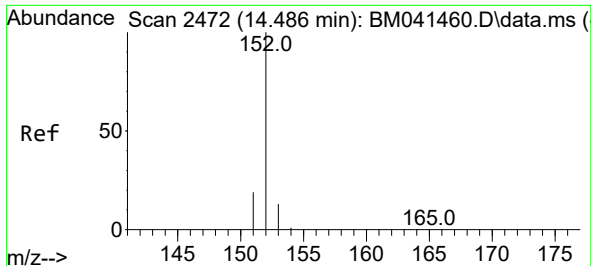
Tgt Ion:142 Resp: 14493
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.297 ng/ul
RT: 12.819 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BM041466.D
Acq: 24 Aug 2023 15:31

Tgt Ion:142 Resp: 15433
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2

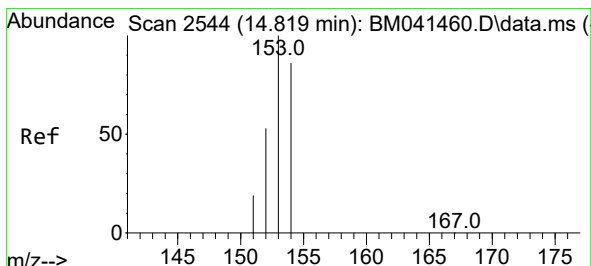
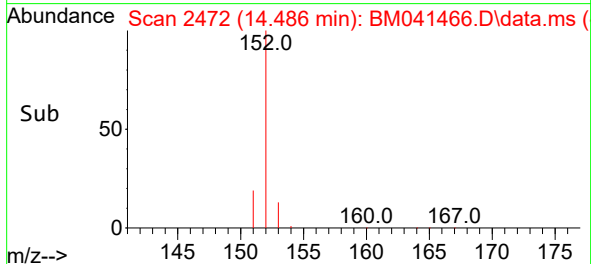
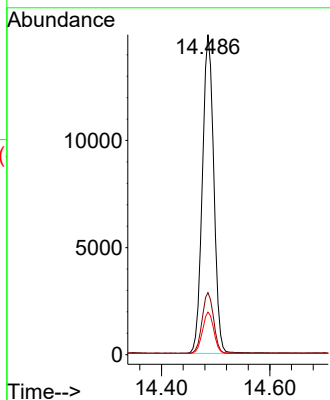
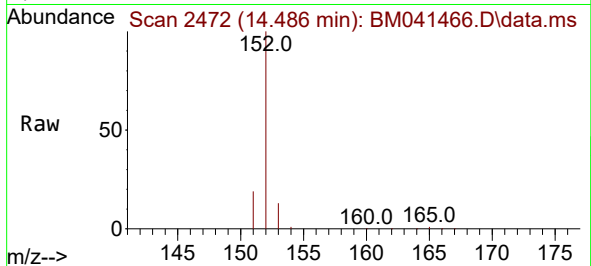




#10
Acenaphthylene
Concen: 0.279 ng/ul
RT: 14.486 min Scan# 2472
Delta R.T. 0.000 min
Lab File: BM041466.D
Acq: 24 Aug 2023 15:31

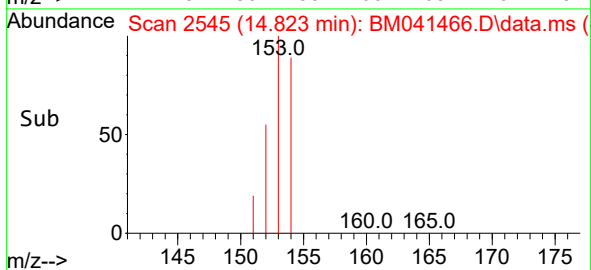
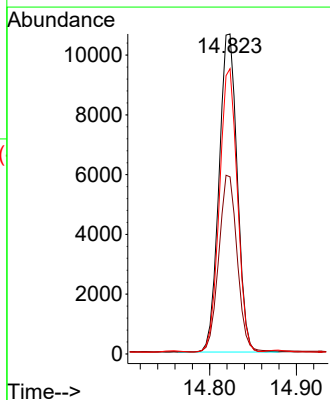
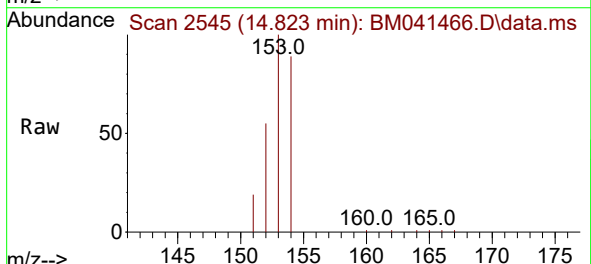
Instrument :
BNA_M
ClientSampleId :
SLCS026

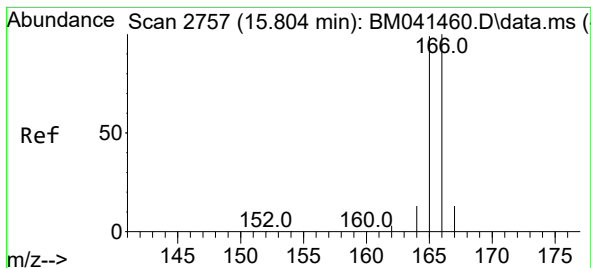
Tgt Ion:	152	Resp:	21811
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.8	23.6
153	13.3	10.6	15.8



#11
Acenaphthene
Concen: 0.287 ng/ul
RT: 14.823 min Scan# 2545
Delta R.T. 0.005 min
Lab File: BM041466.D
Acq: 24 Aug 2023 15:31

Tgt Ion:	153	Resp:	15586
Ion Ratio	Lower	Upper	
153	100		
152	55.3	42.9	64.3
154	89.2	68.9	103.3





#12

Fluorene

Concen: 0.282 ng/ul

RT: 15.804 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041466.D

Acq: 24 Aug 2023 15:31

Instrument :

BNA_M

ClientSampleId :

SLCS026

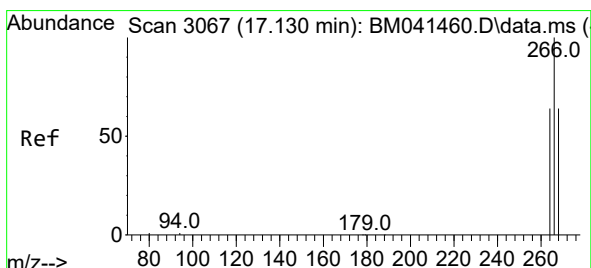
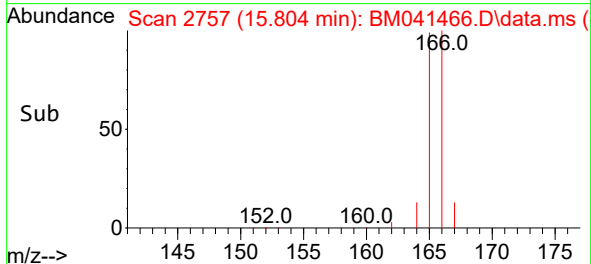
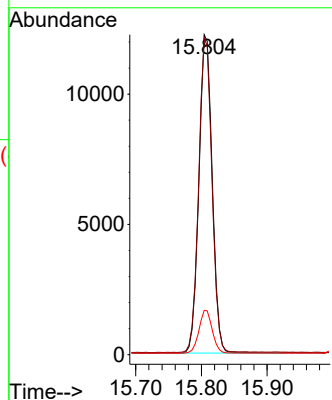
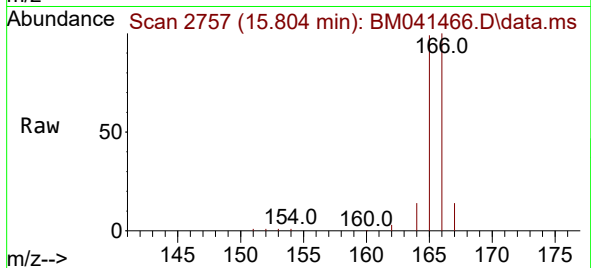
Tgt Ion:166 Resp: 17145

Ion Ratio Lower Upper

166 100

165 99.0 79.4 119.2

167 13.8 11.0 16.6



#14

Pentachlorophenol

Concen: 0.464 ng/ul

RT: 17.130 min Scan# 3067

Delta R.T. 0.000 min

Lab File: BM041466.D

Acq: 24 Aug 2023 15:31

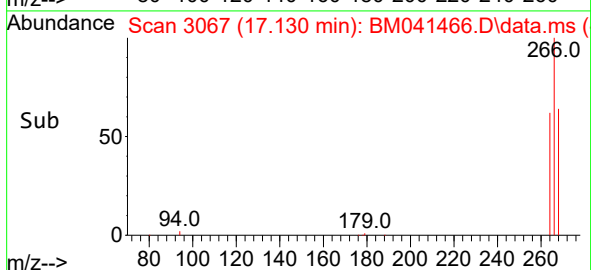
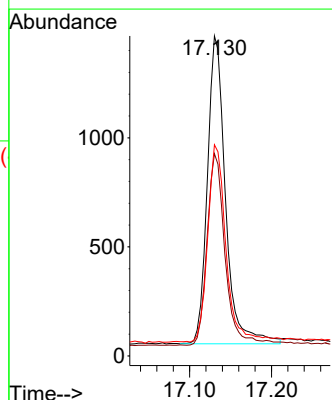
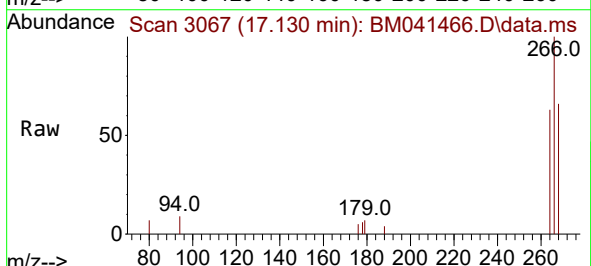
Tgt Ion:266 Resp: 2168

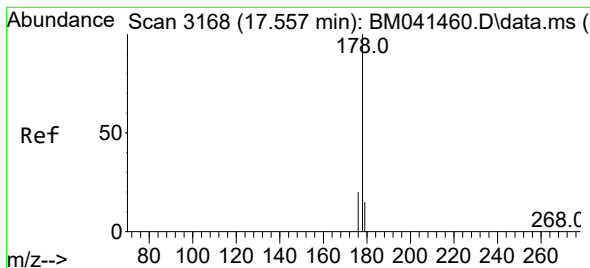
Ion Ratio Lower Upper

266 100

264 62.4 50.1 75.1

268 64.4 48.6 73.0





#15

Phenanthrene

Concen: 0.287 ng/ul

RT: 17.557 min Scan# 3168

Delta R.T. 0.000 min

Lab File: BM041466.D

Acq: 24 Aug 2023 15:31

Instrument :

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ClientSampleId :

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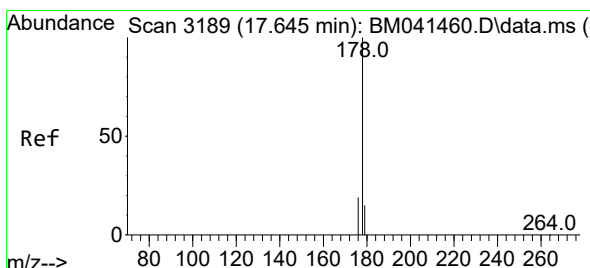
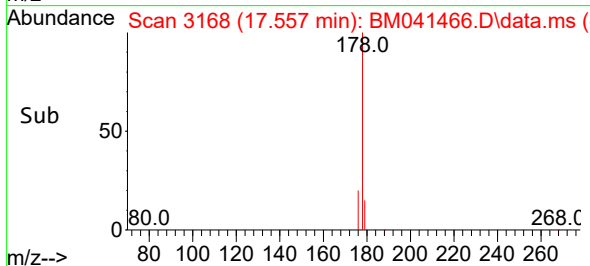
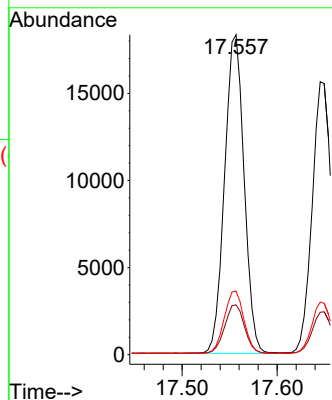
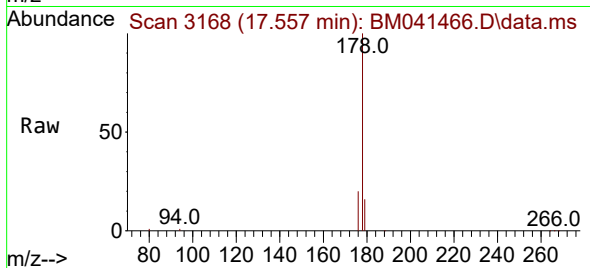
Tgt Ion:178 Resp: 26169

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.9 15.8 23.8



#16

Anthracene

Concen: 0.273 ng/ul

RT: 17.645 min Scan# 3189

Delta R.T. 0.000 min

Lab File: BM041466.D

Acq: 24 Aug 2023 15:31

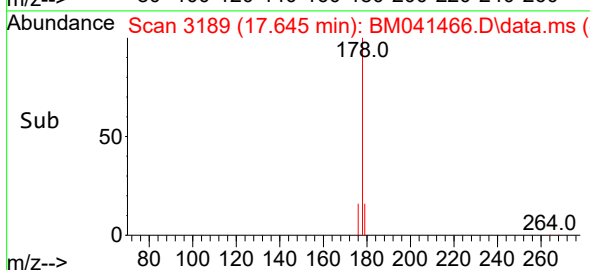
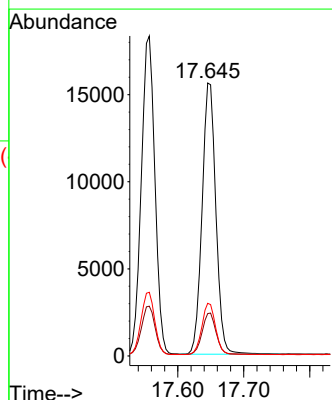
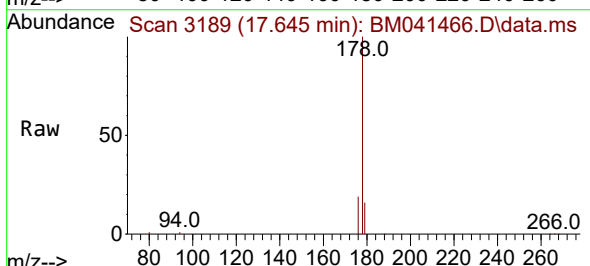
Tgt Ion:178 Resp: 22593

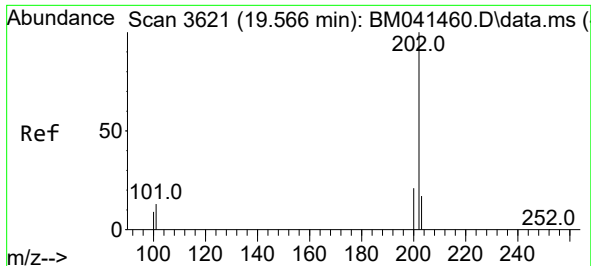
Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

176 19.3 15.5 23.3

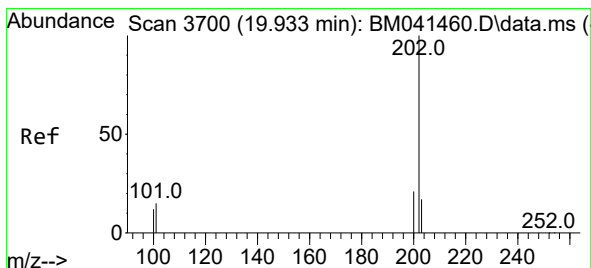
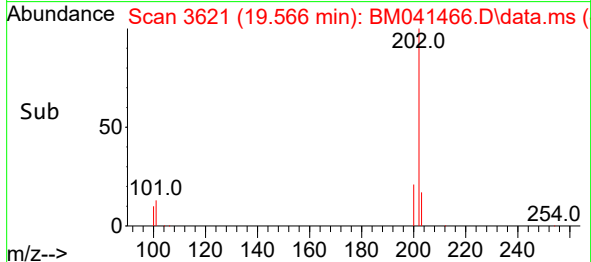
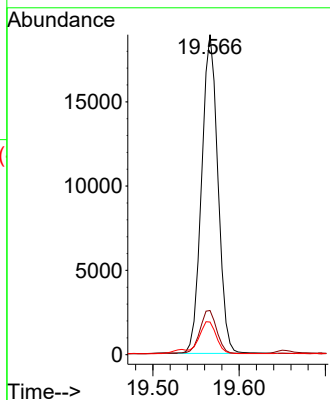
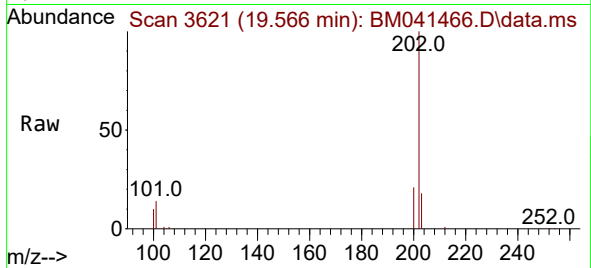




#19
Fluoranthene
Concen: 0.364 ng/ul
RT: 19.566 min Scan# 3621
Delta R.T. 0.000 min
Lab File: BM041466.D
Acq: 24 Aug 2023 15:31

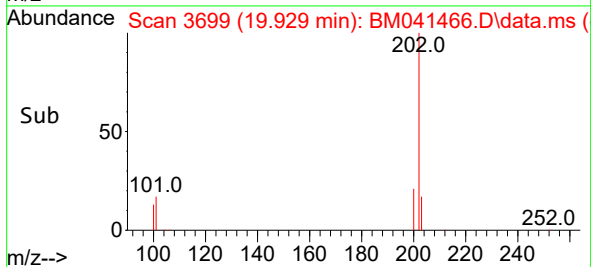
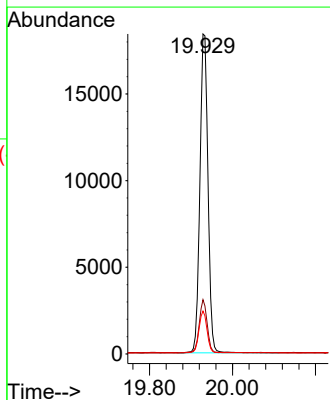
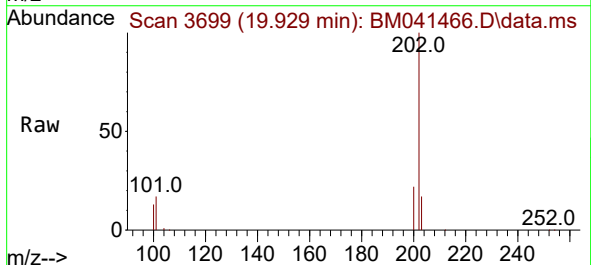
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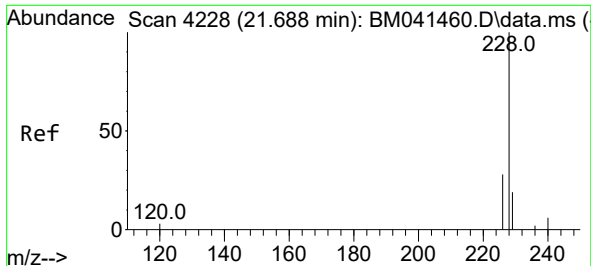
Tgt Ion:202 Resp: 24786
Ion Ratio Lower Upper
202 100
101 13.8 11.0 16.6
100 10.2 7.9 11.9



#20
Pyrene
Concen: 0.362 ng/ul
RT: 19.929 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BM041466.D
Acq: 24 Aug 2023 15:31

Tgt Ion:202 Resp: 24875
Ion Ratio Lower Upper
202 100
101 16.9 12.2 18.2
100 13.4 9.8 14.8

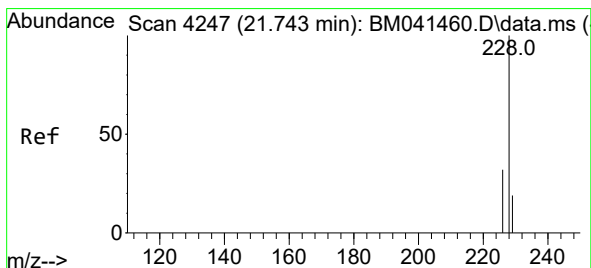
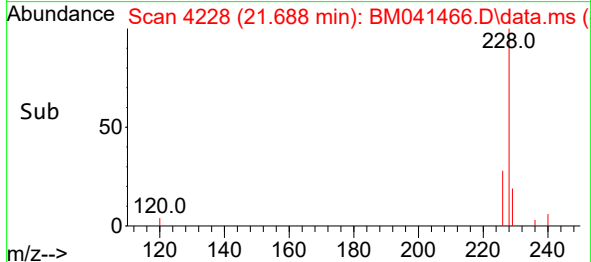
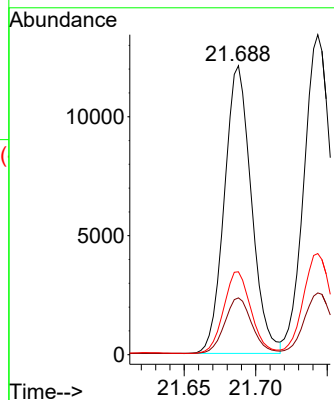
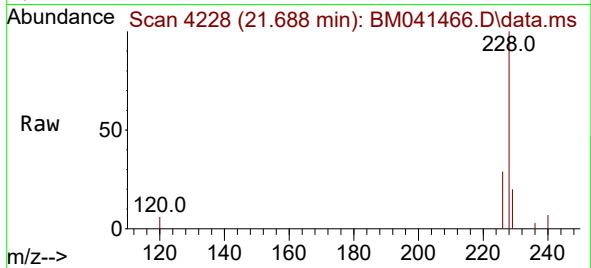




#21
Benzo(a)anthracene
Concen: 0.329 ng/ul
RT: 21.688 min Scan# 4228
Delta R.T. 0.000 min
Lab File: BM041466.D
Acq: 24 Aug 2023 15:31

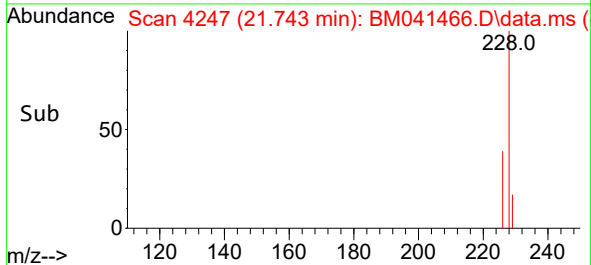
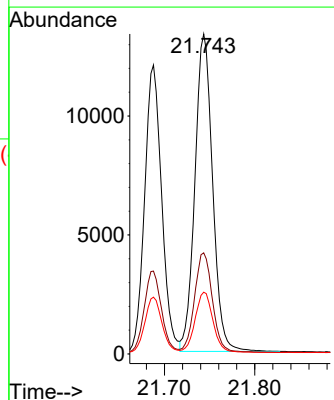
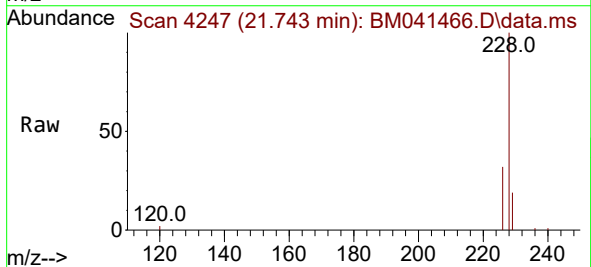
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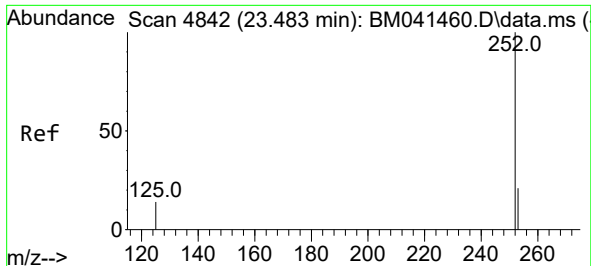
Tgt Ion:228 Resp: 15889
Ion Ratio Lower Upper
228 100
229 19.7 15.3 22.9
226 28.7 22.7 34.1



#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.743 min Scan# 4247
Delta R.T. 0.000 min
Lab File: BM041466.D
Acq: 24 Aug 2023 15:31

Tgt Ion:228 Resp: 18174
Ion Ratio Lower Upper
228 100
226 31.6 25.6 38.4
229 19.3 15.7 23.5

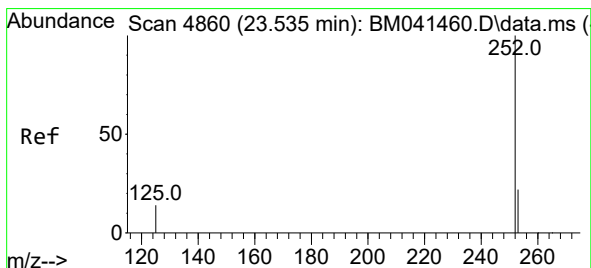
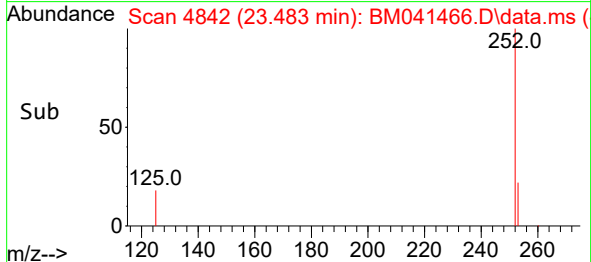
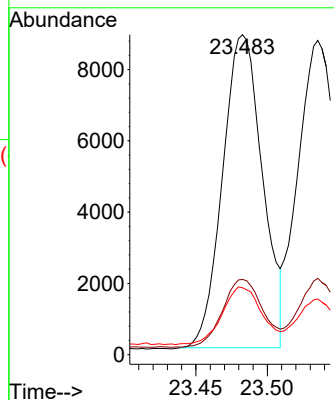
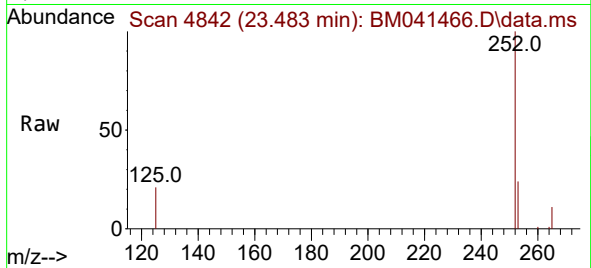




#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 23.483 min Scan# 4842
Delta R.T. 0.000 min
Lab File: BM041466.D
Acq: 24 Aug 2023 15:31

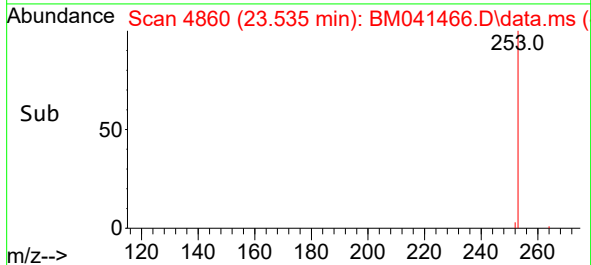
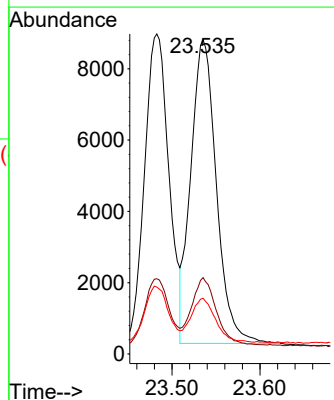
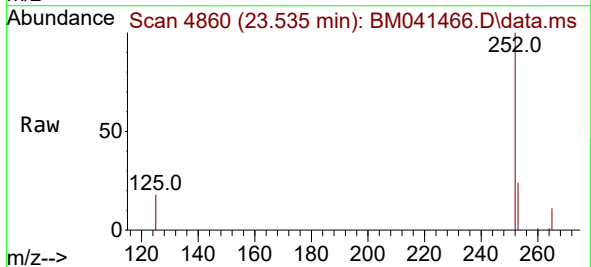
Instrument :
BNA_M
ClientSampleId :
SLCS026

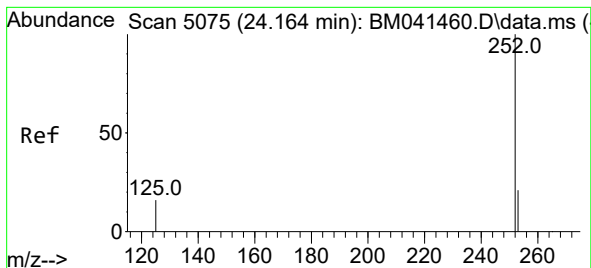
Tgt Ion:252	Resp:	17081
Ion Ratio	Lower	Upper
252	100	
253	23.5	0.0 46.8
125	20.9	0.0 32.8



#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 23.535 min Scan# 4860
Delta R.T. 0.000 min
Lab File: BM041466.D
Acq: 24 Aug 2023 15:31

Tgt Ion:252	Resp:	17260
Ion Ratio	Lower	Upper
252	100	
253	24.3	19.1 28.7
125	17.7	13.4 20.0





#26

Benzo(a)pyrene

Concen: 0.355 ng/ul

RT: 24.164 min Scan# 5075

Delta R.T. 0.000 min

Lab File: BM041466.D

Acq: 24 Aug 2023 15:31

Instrument :

BNA_M

ClientSampleId :

SLCS026

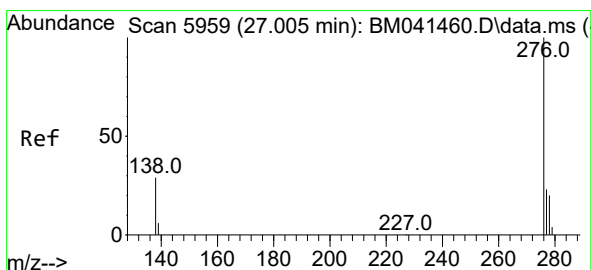
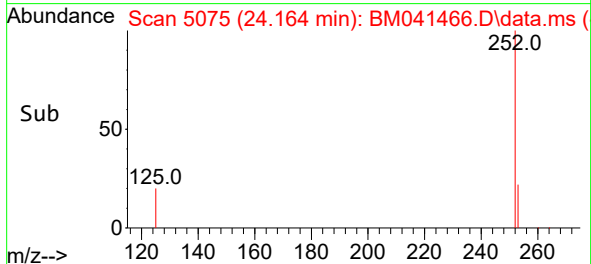
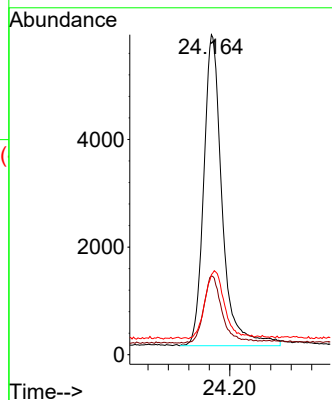
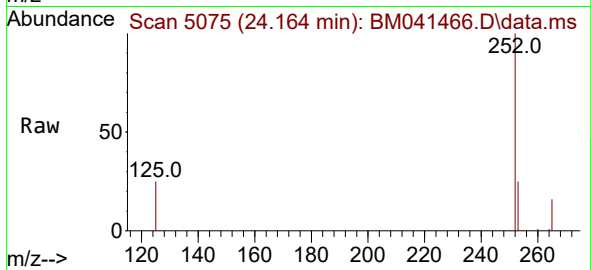
Tgt Ion:252 Resp: 14404

Ion Ratio Lower Upper

252 100

253 24.6 19.5 29.3

125 25.0 16.0 24.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.331 ng/ul

RT: 27.008 min Scan# 5960

Delta R.T. 0.003 min

Lab File: BM041466.D

Acq: 24 Aug 2023 15:31

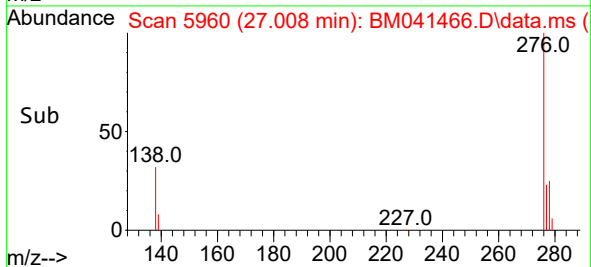
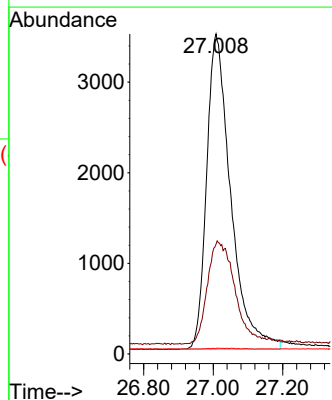
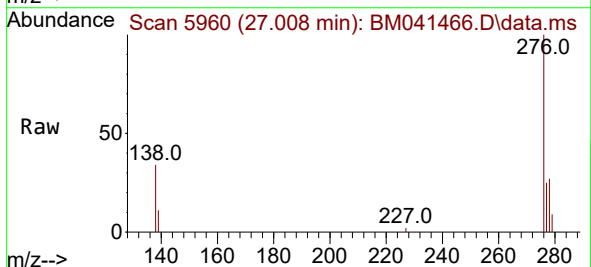
Tgt Ion:276 Resp: 16780

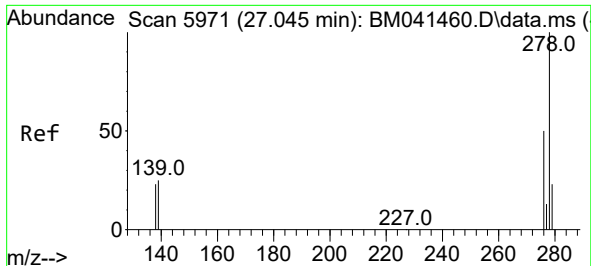
Ion Ratio Lower Upper

276 100

138 37.5 27.8 41.6

227 0.1 0.0 0.0#

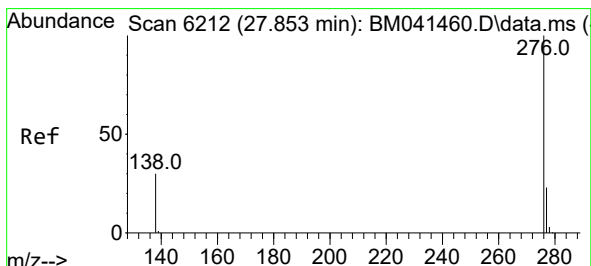
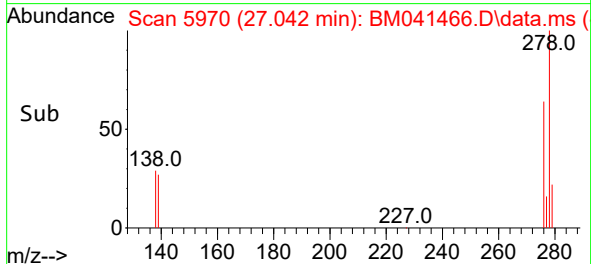
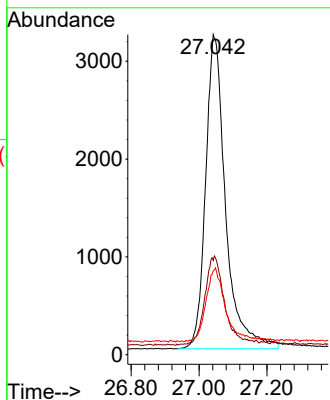
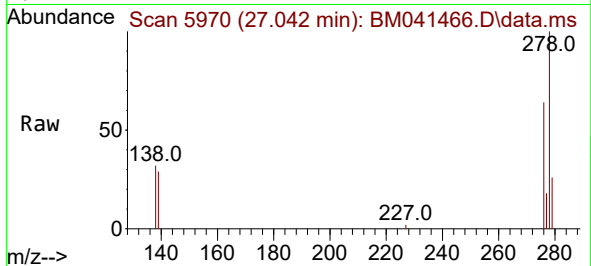




#28
Dibenzo(a,h)anthracene
Concen: 0.339 ng/ul
RT: 27.042 min Scan# 5971
Delta R.T. -0.003 min
Lab File: BM041466.D
Acq: 24 Aug 2023 15:31

Instrument :
BNA_M
ClientSampleId :
SLCS026

Tgt Ion:278 Resp: 13147
Ion Ratio Lower Upper
278 100
139 29.5 21.9 32.9
279 26.2 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.333 ng/ul
RT: 27.850 min Scan# 6211
Delta R.T. -0.003 min
Lab File: BM041466.D
Acq: 24 Aug 2023 15:31

Tgt Ion:276 Resp: 14850
Ion Ratio Lower Upper
276 100
138 34.6 25.9 38.9
277 25.7 19.4 29.2

