

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041523.D
 Acq On : 28 Aug 2023 15:49
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV007

Quant Time: Aug 28 19:16:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 15:20:06 2023
 Response via : Initial Calibration

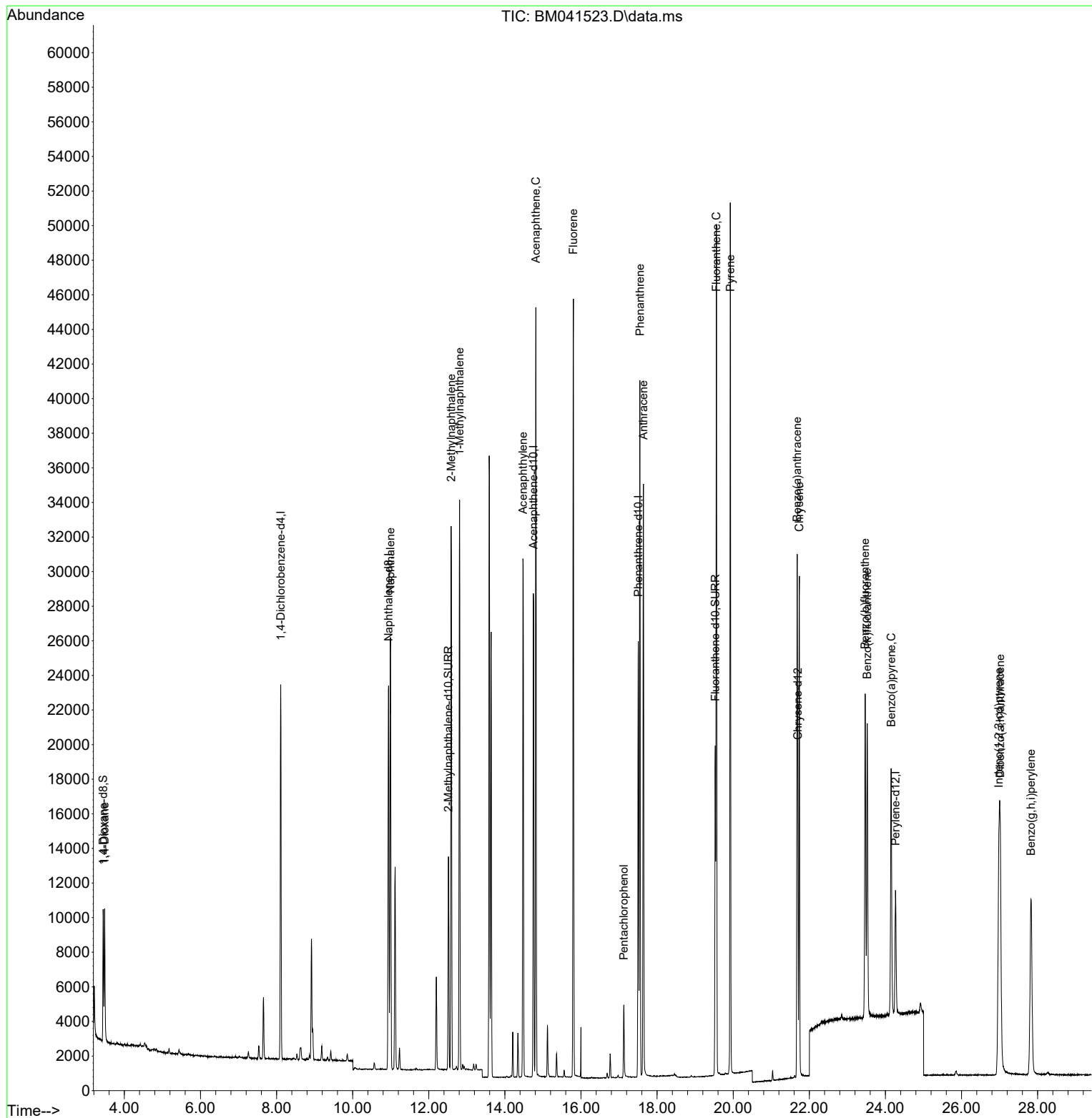
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	10946	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	29270	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	14154	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	26608	0.400	ng/ul	0.00
17) Chrysene-d12	21.696	240	9300	0.400	ng/ul	0.00
23) Perylene-d12	24.266	264	10039	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.444	96	4819	0.354	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	14388	0.372	ng/ul	0.00
18) Fluoranthene-d10	19.529	212	16839	0.442	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.482	88	5031	0.357	ng/ul	91
5) Naphthalene	10.994	128	34277	0.366	ng/ul	100
7) 2-Methylnaphthalene	12.588	142	21344	0.376	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	21622	0.377	ng/ul	100
10) Acenaphthylene	14.476	152	33384	0.357	ng/ul	100
11) Acenaphthene	14.814	153	24163	0.368	ng/ul	99
12) Fluorene	15.799	166	26846	0.379	ng/ul	100
14) Pentachlorophenol	17.126	266	2891	0.264	ng/ul	100
15) Phenanthrene	17.548	178	40985	0.375	ng/ul	99
16) Anthracene	17.641	178	36615	0.365	ng/ul	99
19) Fluoranthene	19.557	202	40135	0.466	ng/ul	98
20) Pyrene	19.924	202	39304	0.451	ng/ul	98
21) Benzo(a)anthracene	21.679	228	24946	0.376	ng/ul	99
22) Chrysene	21.737	228	25006	0.381	ng/ul	100
24) Benzo(b)fluoranthene	23.468	252	25391	0.398	ng/ul	98
25) Benzo(k)fluoranthene	23.523	252	23962	0.384	ng/ul	98
26) Benzo(a)pyrene	24.152	252	22437	0.389	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.981	276	29271	0.378	ng/ul#	97
28) Dibenzo(a,h)anthracene	27.018	278	20880	0.374	ng/ul	98
29) Benzo(g,h,i)perylene	27.823	276	24214	0.373	ng/ul	99

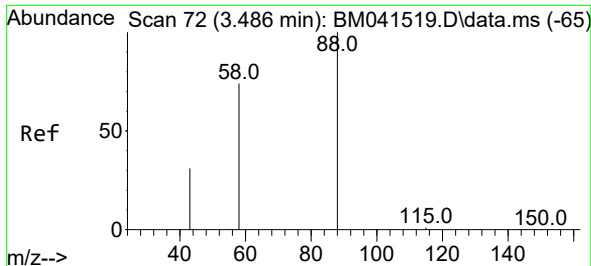
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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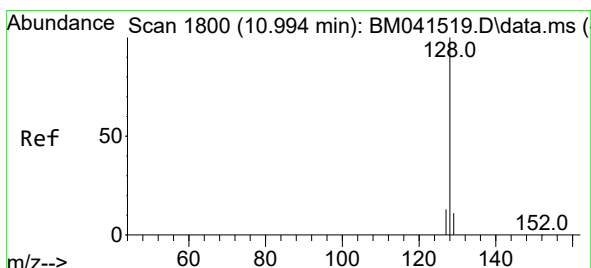
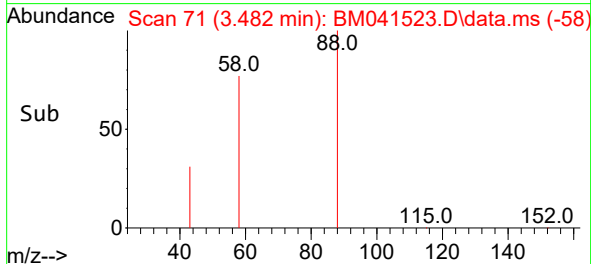
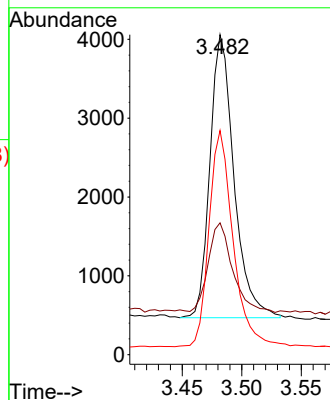
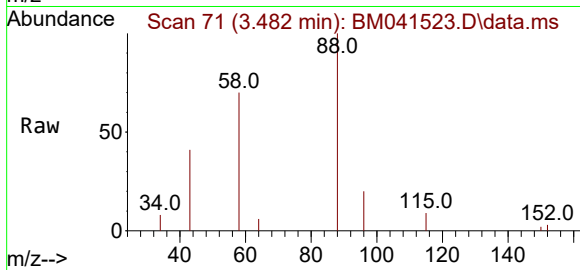




#2
1,4-Dioxane
Concen: 0.357 ng/ul
RT: 3.482 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM041523.D
Acq: 28 Aug 2023 15:49

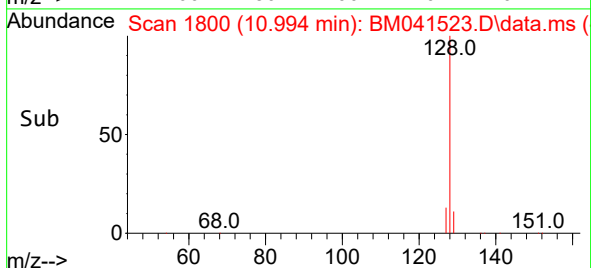
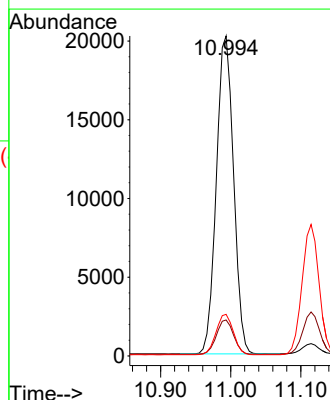
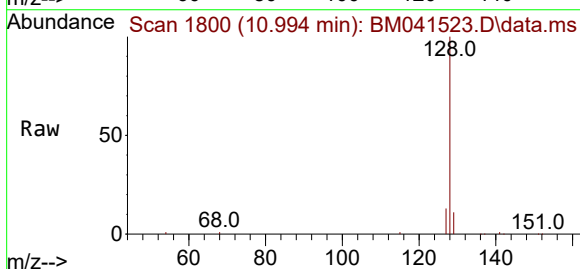
Instrument :
BNA_M
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SICV007

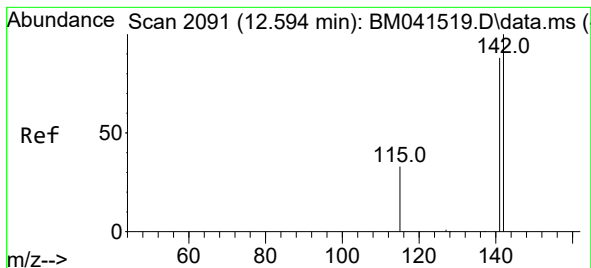
Tgt Ion: 88 Resp: 5031
Ion Ratio Lower Upper
88 100
43 41.2 30.6 46.0
58 70.0 49.3 73.9



#5
Naphthalene
Concen: 0.366 ng/ul
RT: 10.994 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BM041523.D
Acq: 28 Aug 2023 15:49

Tgt Ion: 128 Resp: 34277
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.0 10.6 15.8

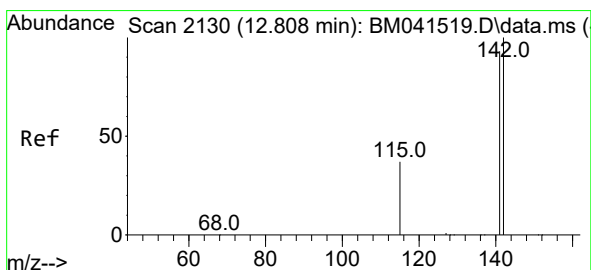
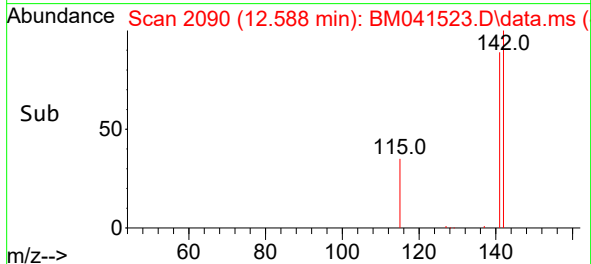
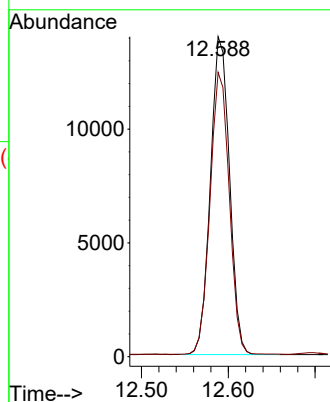
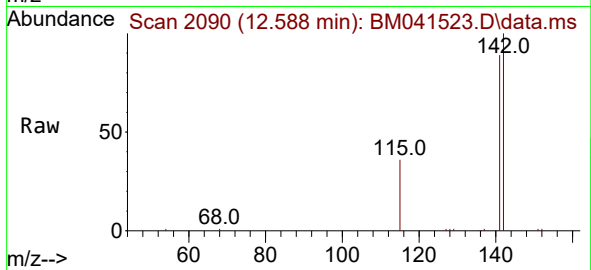




#7
2-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BM041523.D
Acq: 28 Aug 2023 15:49

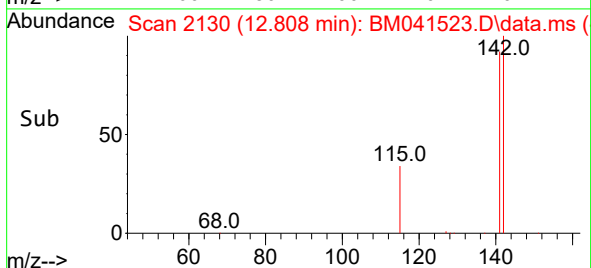
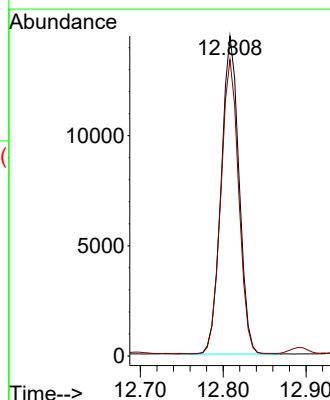
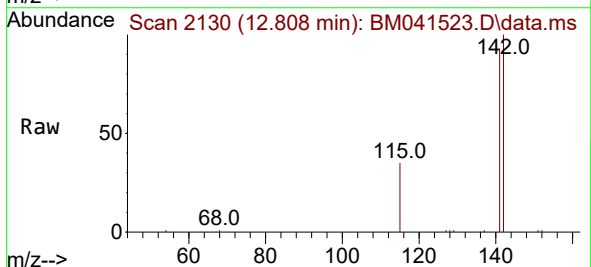
Instrument :
BNA_M
ClientSampleId :
SICV007

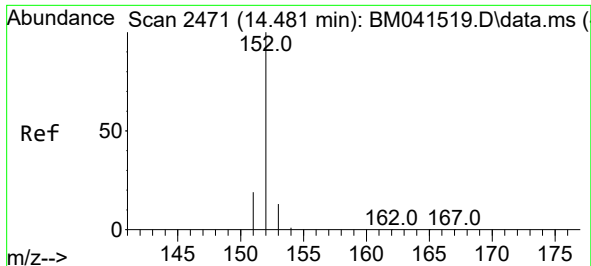
Tgt Ion:142 Resp: 21344
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6



#8
1-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.808 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM041523.D
Acq: 28 Aug 2023 15:49

Tgt Ion:142 Resp: 21622
Ion Ratio Lower Upper
142 100
141 92.6 73.9 110.9

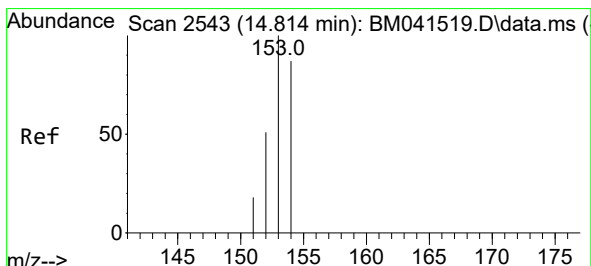
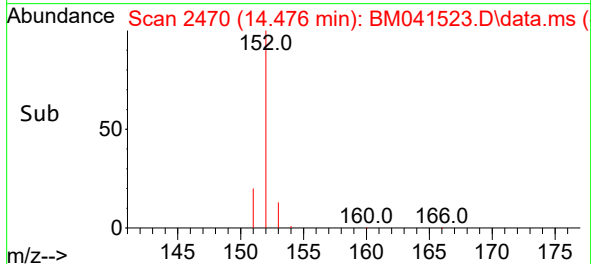
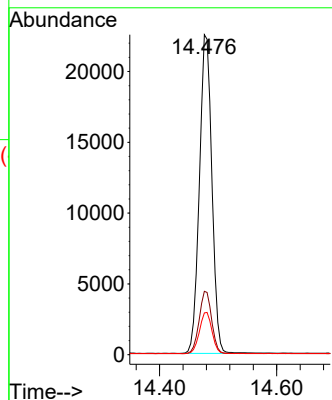
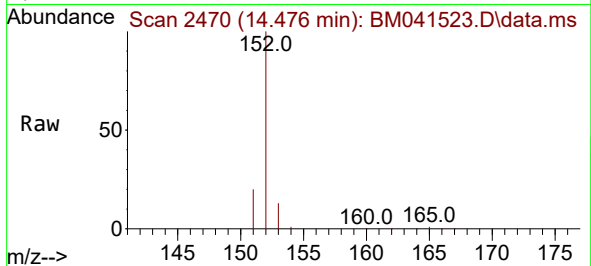




#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.476 min Scan# 2471
Delta R.T. -0.005 min
Lab File: BM041523.D
Acq: 28 Aug 2023 15:49

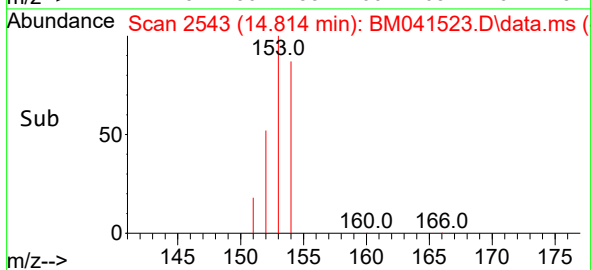
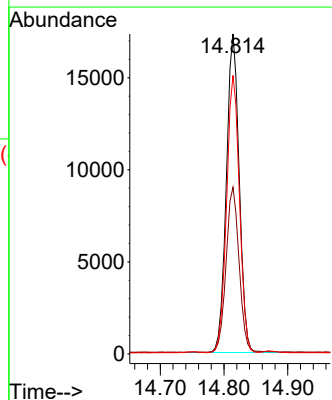
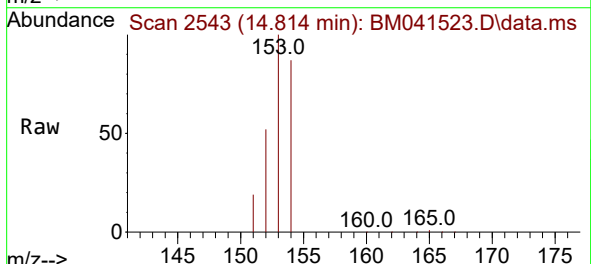
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ClientSampleId :
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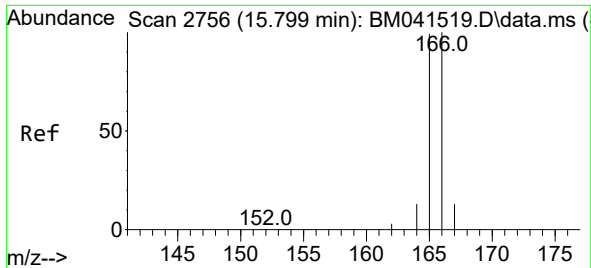
Tgt Ion:152 Resp: 33384
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.1 10.5 15.7



#11
Acenaphthene
Concen: 0.368 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. -0.000 min
Lab File: BM041523.D
Acq: 28 Aug 2023 15:49

Tgt Ion:153 Resp: 24163
Ion Ratio Lower Upper
153 100
152 52.1 41.1 61.7
154 87.1 69.4 104.0

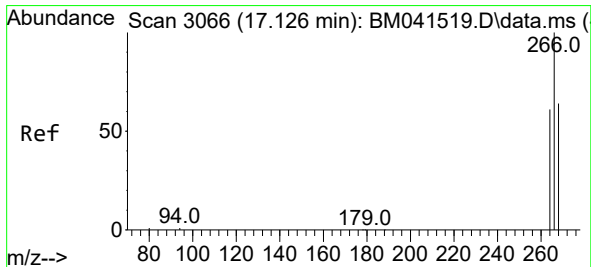
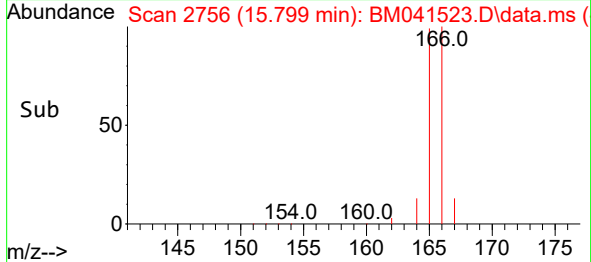
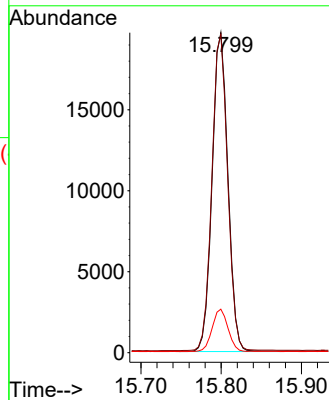
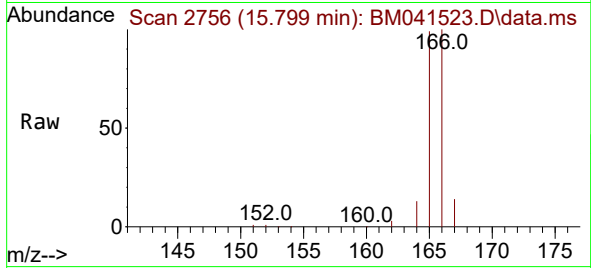




#12
Fluorene
Concen: 0.379 ng/ul
RT: 15.799 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041523.D
Acq: 28 Aug 2023 15:49

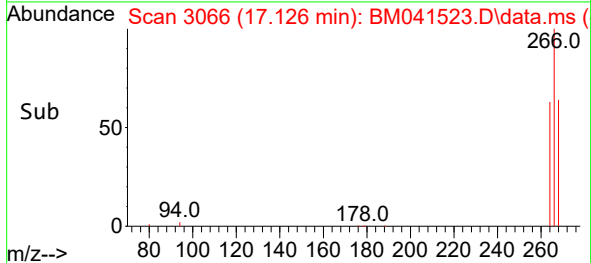
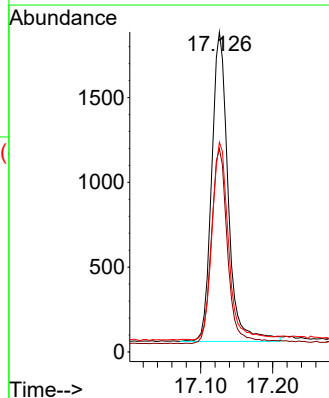
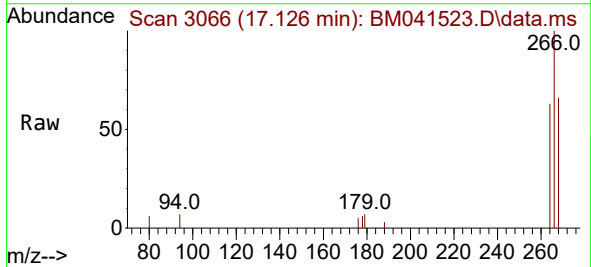
Instrument :
BNA_M
ClientSampleId :
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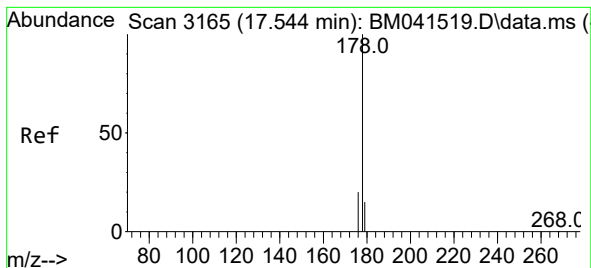
Tgt Ion:	166	Resp:	26846
Ion Ratio	Lower	Upper	
166	100		
165	99.4	79.2	118.8
167	13.6	10.8	16.2



#14
Pentachlorophenol
Concen: 0.264 ng/ul
RT: 17.126 min Scan# 3066
Delta R.T. -0.000 min
Lab File: BM041523.D
Acq: 28 Aug 2023 15:49

Tgt Ion:	266	Resp:	2891
Ion Ratio	Lower	Upper	
266	100		
264	62.0	50.0	75.0
268	64.0	51.4	77.0





#15

Phenanthrene

Concen: 0.375 ng/ul

RT: 17.548 min Scan# 3165

Delta R.T. 0.004 min

Lab File: BM041523.D

Acq: 28 Aug 2023 15:49

Instrument :

BNA_M

ClientSampleId :

SICV007

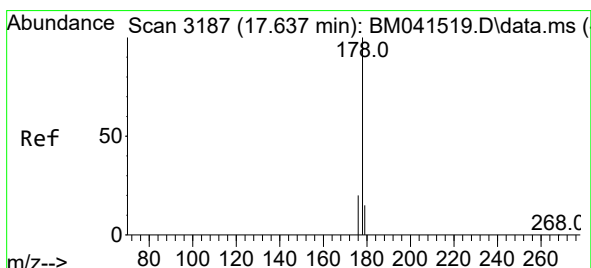
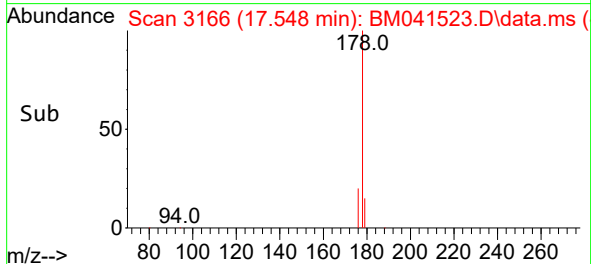
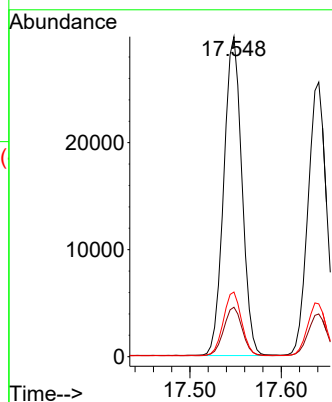
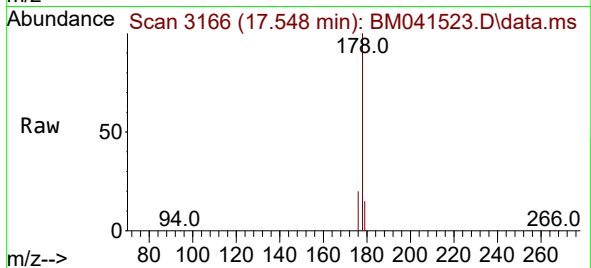
Tgt Ion:178 Resp: 40985

Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

176 20.2 16.3 24.5



#16

Anthracene

Concen: 0.365 ng/ul

RT: 17.641 min Scan# 3188

Delta R.T. 0.004 min

Lab File: BM041523.D

Acq: 28 Aug 2023 15:49

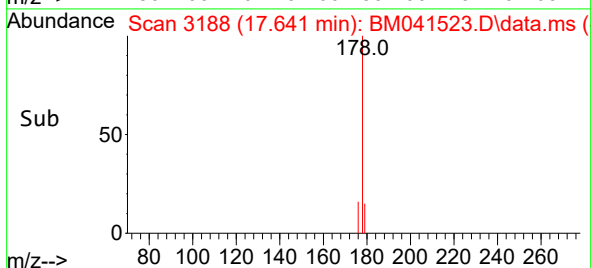
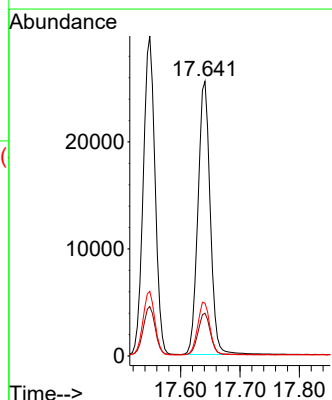
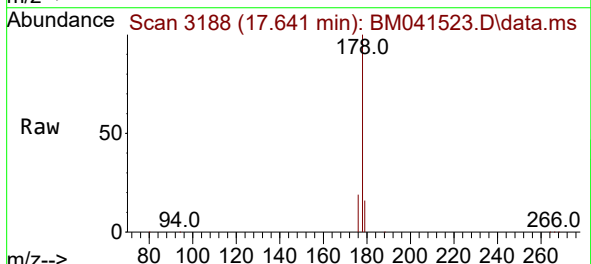
Tgt Ion:178 Resp: 36615

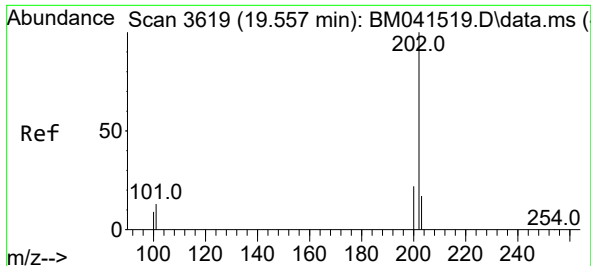
Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

176 19.3 15.9 23.9

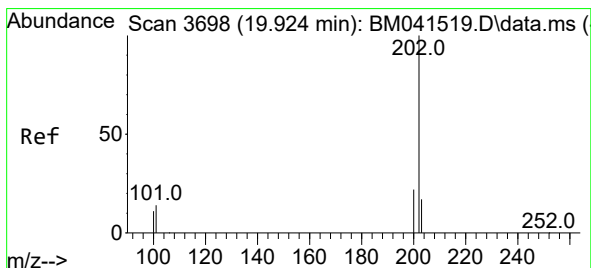
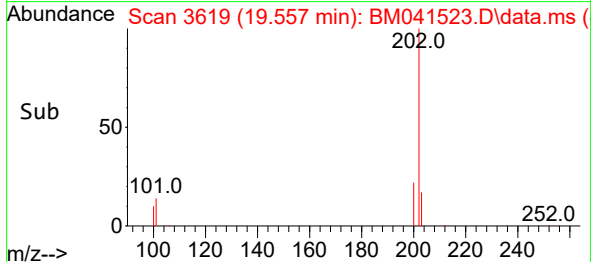
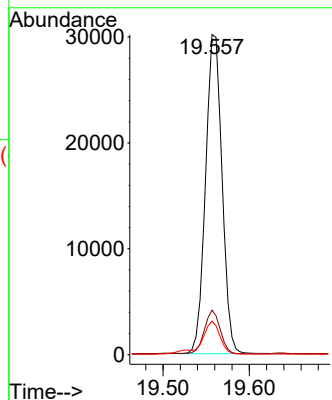
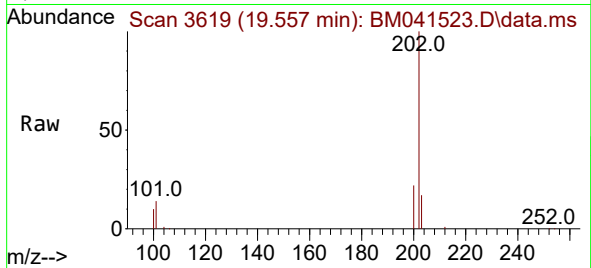




#19
Fluoranthene
Concen: 0.466 ng/ul
RT: 19.557 min Scan# 3619
Delta R.T. -0.000 min
Lab File: BM041523.D
Acq: 28 Aug 2023 15:49

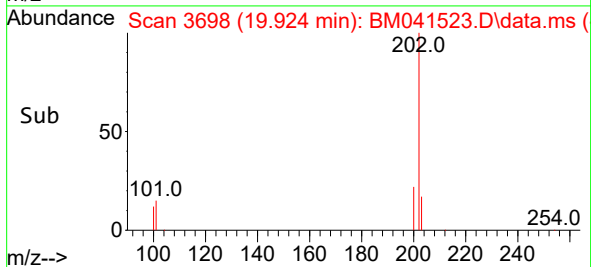
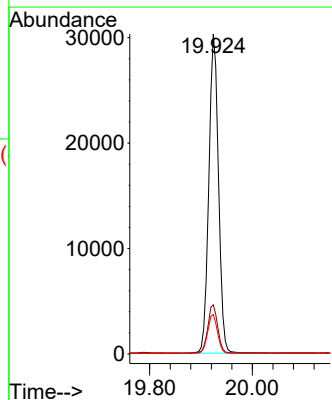
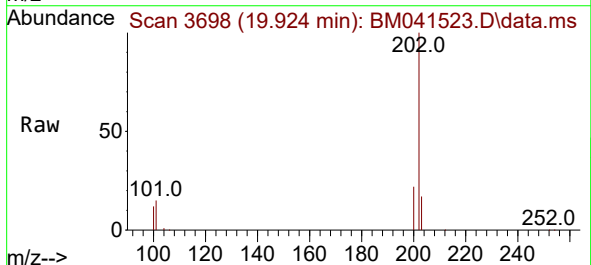
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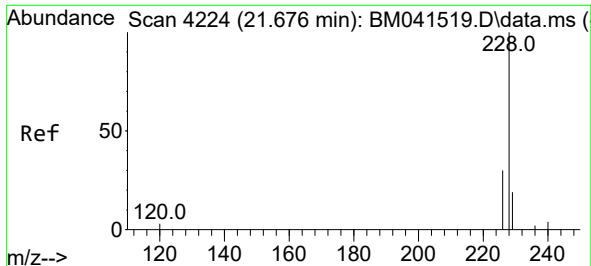
Tgt Ion:202 Resp: 40135
Ion Ratio Lower Upper
202 100
101 13.9 10.5 15.7
100 10.5 7.8 11.6



#20
Pyrene
Concen: 0.451 ng/ul
RT: 19.924 min Scan# 3698
Delta R.T. -0.000 min
Lab File: BM041523.D
Acq: 28 Aug 2023 15:49

Tgt Ion:202 Resp: 39304
Ion Ratio Lower Upper
202 100
101 15.4 11.6 17.4
100 12.4 9.1 13.7

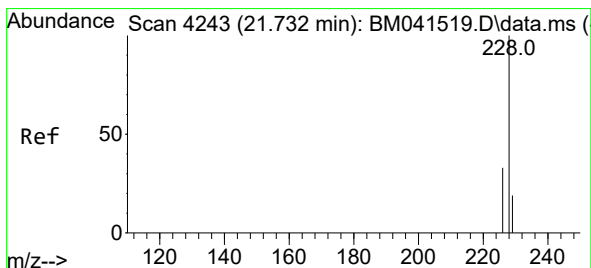
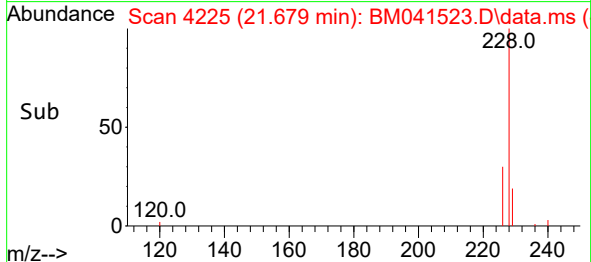
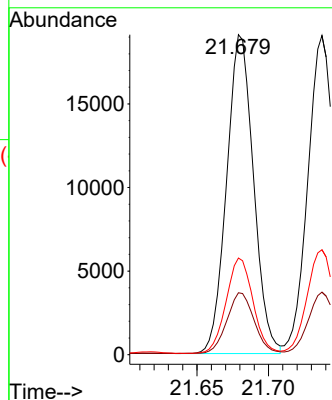
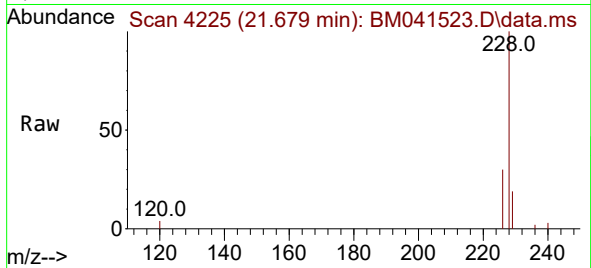




#21
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.679 min Scan# 41
Delta R.T. 0.003 min
Lab File: BM041523.D
Acq: 28 Aug 2023 15:49

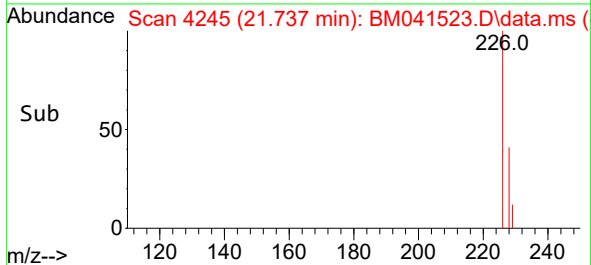
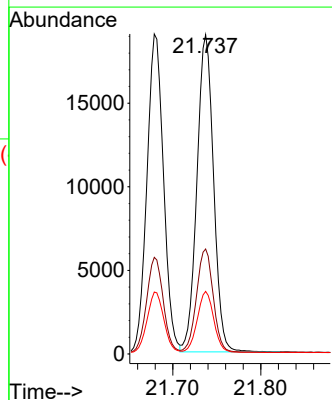
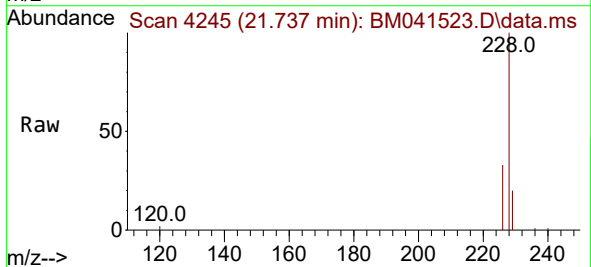
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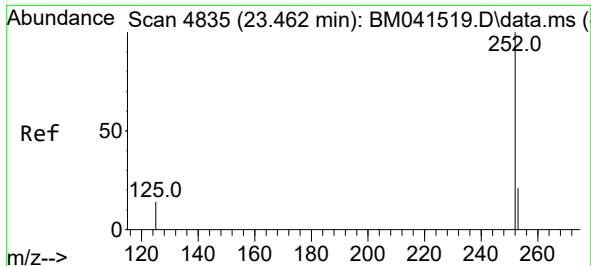
Tgt Ion:228 Resp: 24946
Ion Ratio Lower Upper
228 100
229 19.3 15.8 23.6
226 30.2 24.0 36.0



#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.737 min Scan# 4245
Delta R.T. 0.006 min
Lab File: BM041523.D
Acq: 28 Aug 2023 15:49

Tgt Ion:228 Resp: 25006
Ion Ratio Lower Upper
228 100
226 32.9 26.3 39.5
229 19.6 15.4 23.2

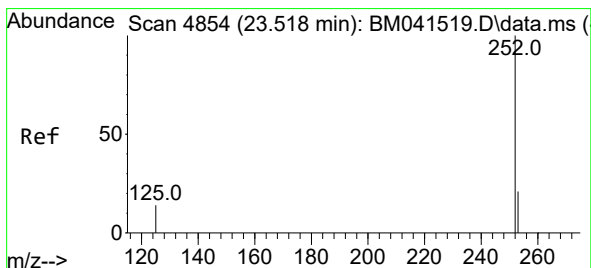
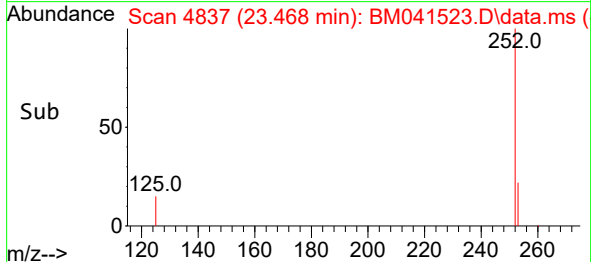
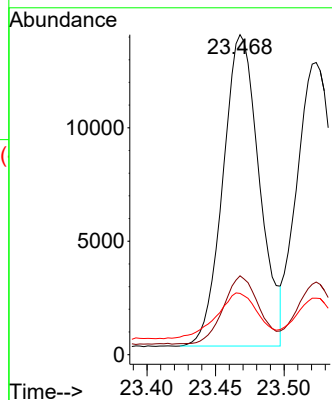
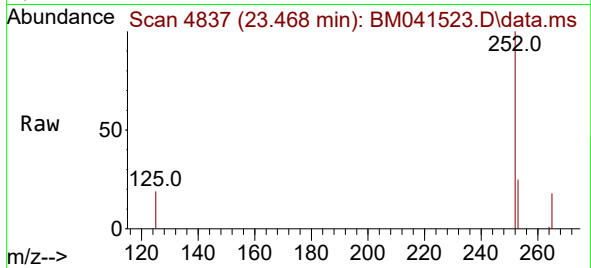




#24
Benzo(b)fluoranthene
Concen: 0.398 ng/ul
RT: 23.468 min Scan# 4837
Delta R.T. 0.006 min
Lab File: BM041523.D
Acq: 28 Aug 2023 15:49

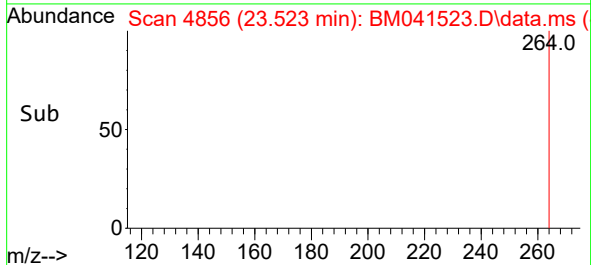
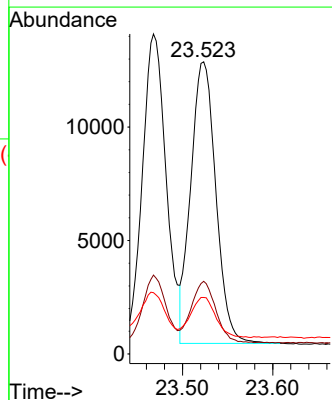
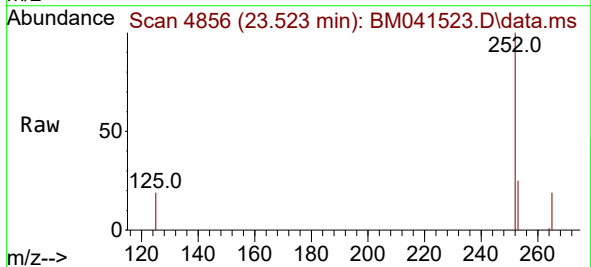
Instrument :
BNA_M
ClientSampleId :
SICV007

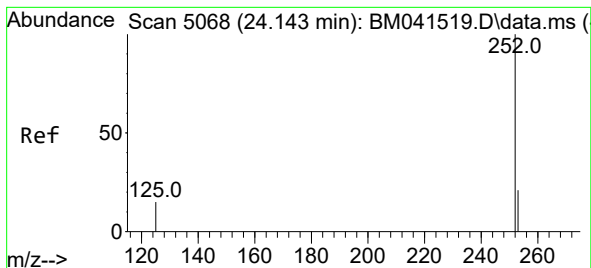
Tgt Ion:252 Resp: 25391
Ion Ratio Lower Upper
252 100
253 24.7 0.0 47.0
125 19.2 0.0 37.2



#25
Benzo(k)fluoranthene
Concen: 0.384 ng/ul
RT: 23.523 min Scan# 4856
Delta R.T. 0.006 min
Lab File: BM041523.D
Acq: 28 Aug 2023 15:49

Tgt Ion:252 Resp: 23962
Ion Ratio Lower Upper
252 100
253 24.9 19.3 28.9
125 19.3 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.389 ng/ul

RT: 24.152 min Scan# 5068

Delta R.T. 0.009 min

Lab File: BM041523.D

Acq: 28 Aug 2023 15:49

Instrument :

BNA_M

ClientSampleId :

SICV007

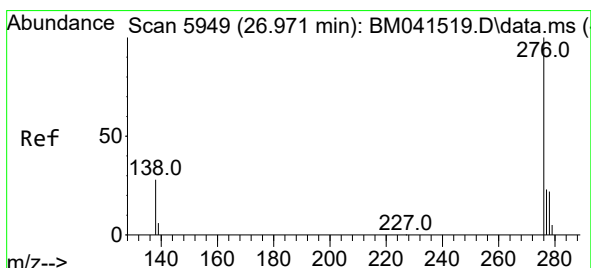
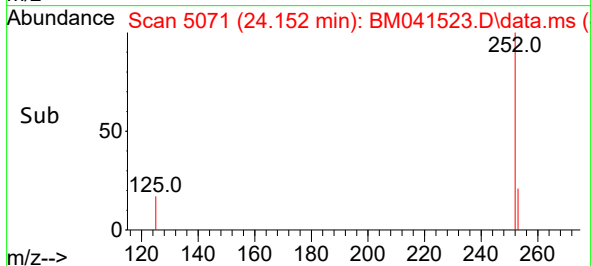
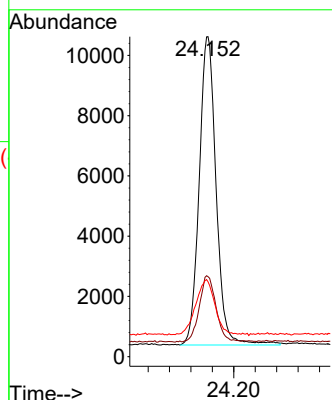
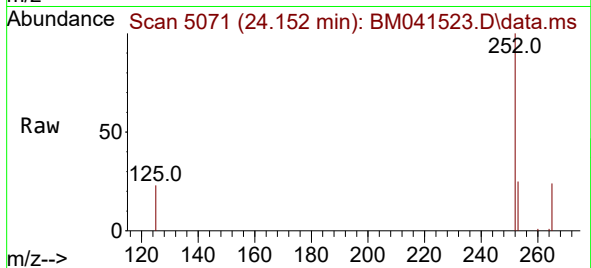
Tgt Ion:252 Resp: 22437

Ion Ratio Lower Upper

252 100

253 25.0 20.0 30.0

125 23.4 17.1 25.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.378 ng/ul

RT: 26.981 min Scan# 5952

Delta R.T. 0.010 min

Lab File: BM041523.D

Acq: 28 Aug 2023 15:49

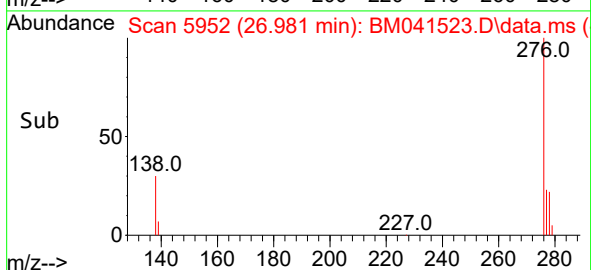
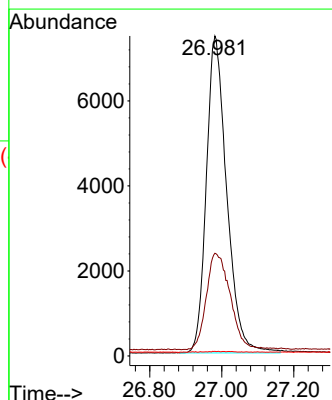
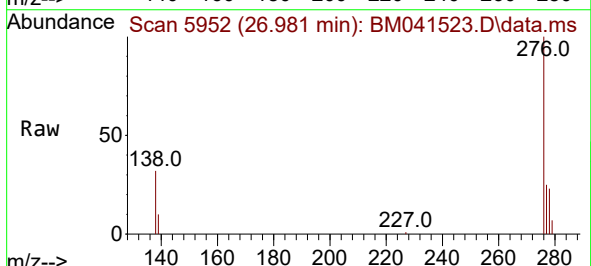
Tgt Ion:276 Resp: 29271

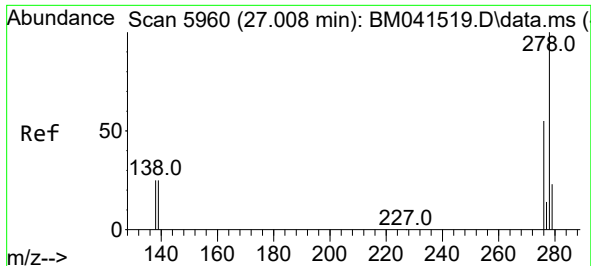
Ion Ratio Lower Upper

276 100

138 35.8 27.3 40.9

227 0.2 0.0 0.0#

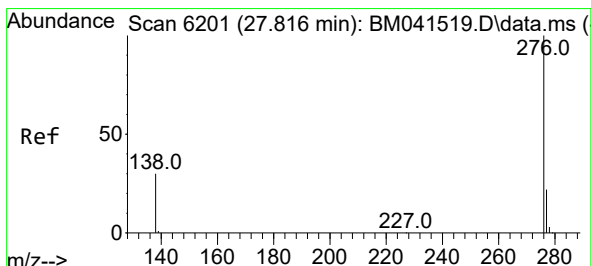
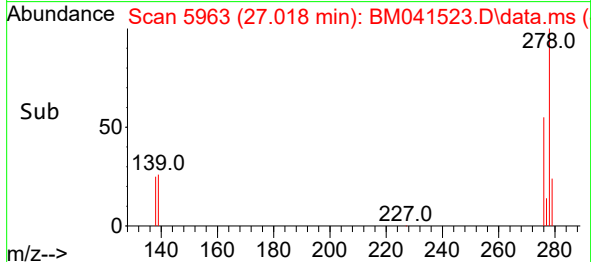
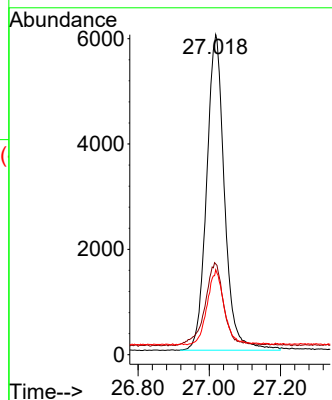
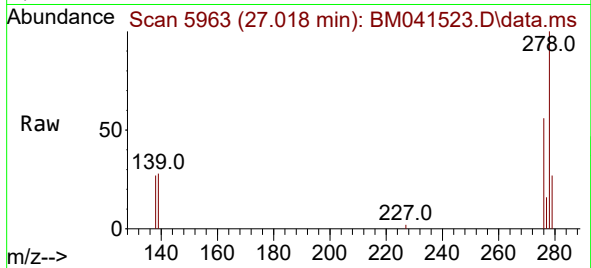




#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 27.018 min Scan# 5960
Delta R.T. 0.010 min
Lab File: BM041523.D
Acq: 28 Aug 2023 15:49

Instrument :
BNA_M
ClientSampleId :
SICV007

Tgt Ion:278 Resp: 20880
Ion Ratio Lower Upper
278 100
139 28.4 22.2 33.2
279 26.6 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.373 ng/ul
RT: 27.823 min Scan# 6203
Delta R.T. 0.007 min
Lab File: BM041523.D
Acq: 28 Aug 2023 15:49

Tgt Ion:276 Resp: 24214
Ion Ratio Lower Upper
276 100
138 31.9 25.9 38.9
277 24.7 19.1 28.7

