

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100223\
 Data File : BM042152.D
 Acq On : 02 Oct 2023 18:55
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV049

Quant Time: Oct 03 01:58:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 02 19:28:41 2023
 Response via : Initial Calibration

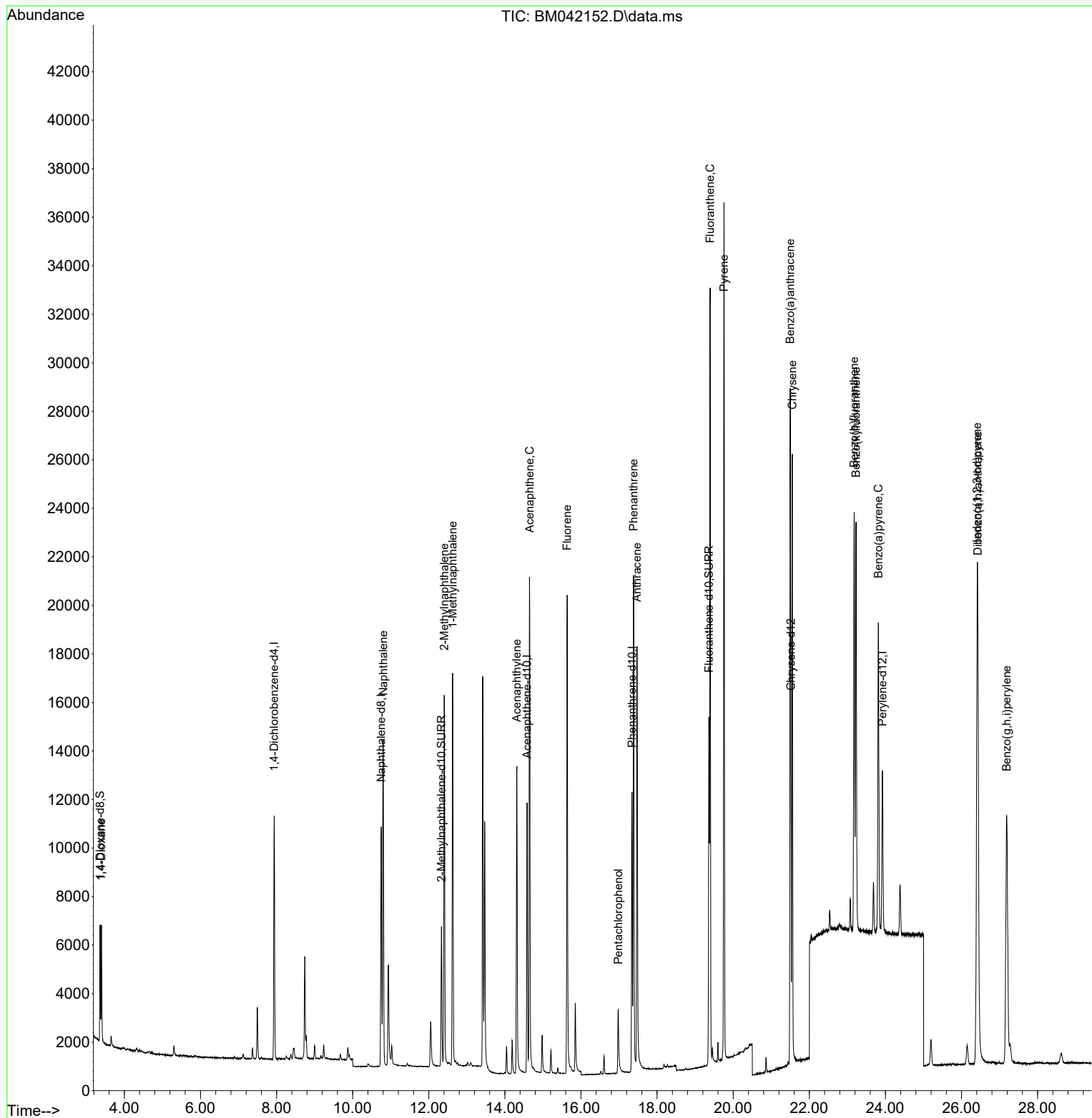
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	5016	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	13041	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	6137	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	12974	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	8271	0.400	ng/ul	0.00
23) Perylene-d12	23.921	264	9124	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	2623	0.393	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	7558	0.423	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	13117	0.422	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.397	88	2802	0.402	ng/ul	89
5) Naphthalene	10.801	128	18234	0.419	ng/ul	99
7) 2-Methylnaphthalene	12.407	142	10959	0.421	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	11094	0.423	ng/ul	100
10) Acenaphthylene	14.314	152	16174	0.417	ng/ul	99
11) Acenaphthene	14.647	153	12311	0.420	ng/ul	99
12) Fluorene	15.637	166	13746	0.416	ng/ul	98
14) Pentachlorophenol	16.978	266	2318	0.394	ng/ul	98
15) Phenanthrene	17.383	178	22407	0.419	ng/ul	99
16) Anthracene	17.472	178	20390	0.417	ng/ul	100
19) Fluoranthene	19.394	202	26977	0.429	ng/ul	99
20) Pyrene	19.757	202	28693	0.430	ng/ul	97
21) Benzo(a)anthracene	21.498	228	22310	0.418	ng/ul	99
22) Chrysene	21.553	228	21764	0.419	ng/ul	100
24) Benzo(b)fluoranthene	23.178	252	22261	0.414	ng/ul	95
25) Benzo(k)fluoranthene	23.228	252	22220	0.420	ng/ul	95
26) Benzo(a)pyrene	23.813	252	19271	0.415	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.411	276	27530	0.419	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.428	278	20779	0.419	ng/ul	98
29) Benzo(g,h,i)perylene	27.182	276	22932	0.417	ng/ul	98

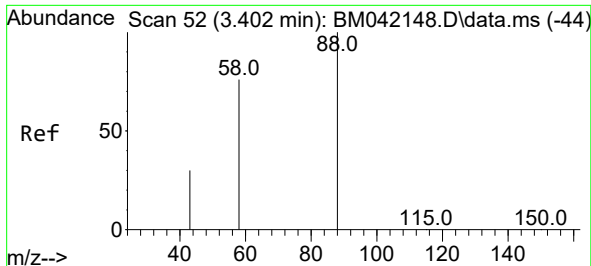
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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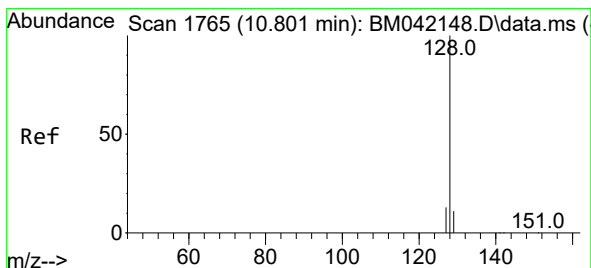
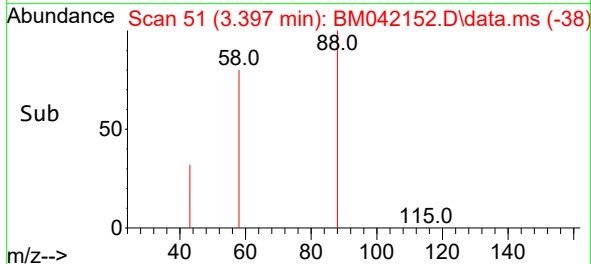
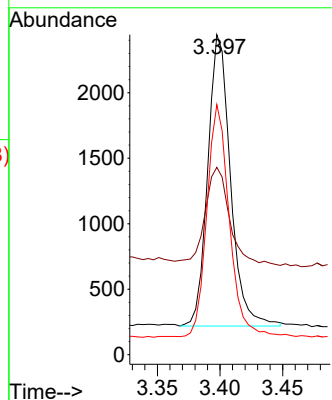
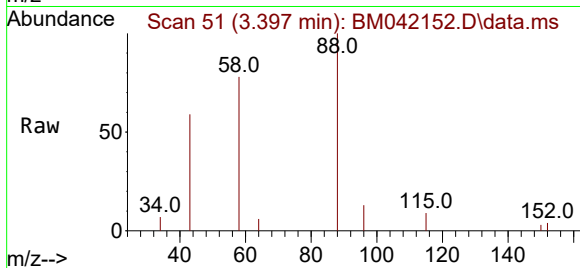




#2
1,4-Dioxane
Concen: 0.402 ng/ul
RT: 3.397 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042152.D
Acq: 02 Oct 2023 18:55

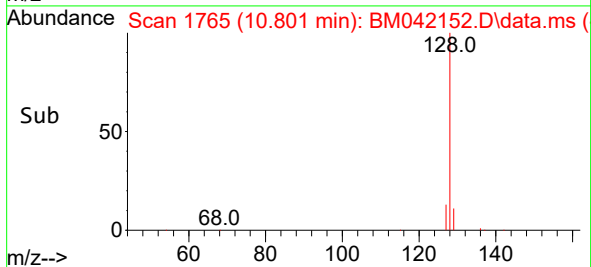
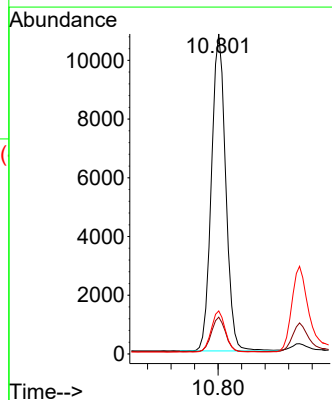
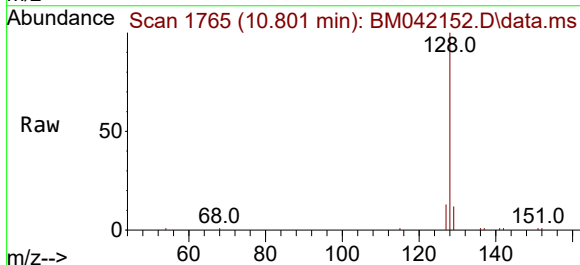
Instrument :
BNA_M
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SICV049

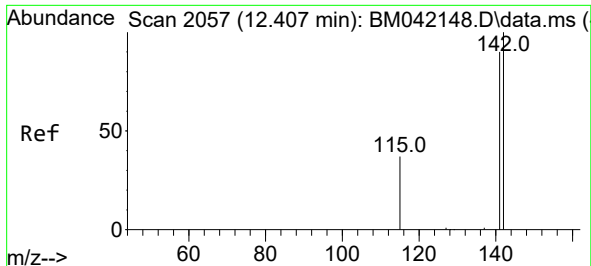
Tgt Ion: 88 Resp: 2802
Ion Ratio Lower Upper
88 100
43 58.6 52.1 78.1
58 78.1 53.8 80.6



#5
Naphthalene
Concen: 0.419 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BM042152.D
Acq: 02 Oct 2023 18:55

Tgt Ion: 128 Resp: 18234
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.5 11.0 16.4

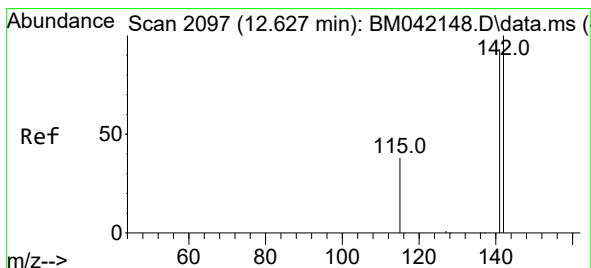
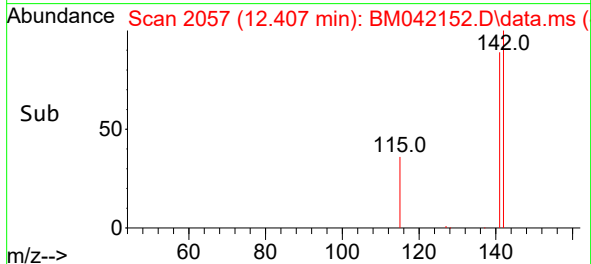
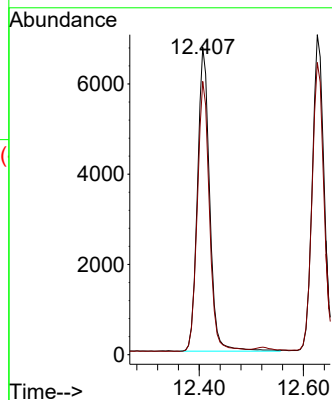
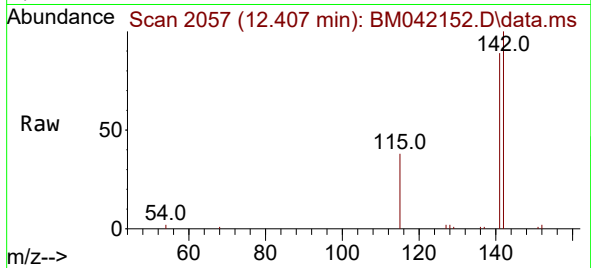




#7
2-Methylnaphthalene
Concen: 0.421 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM042152.D
Acq: 02 Oct 2023 18:55

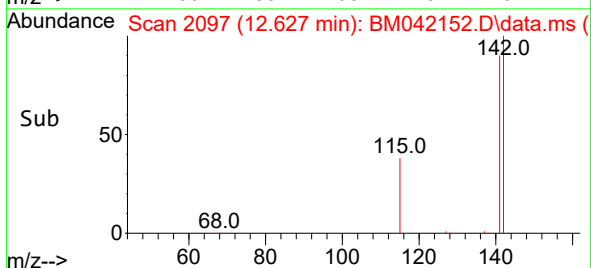
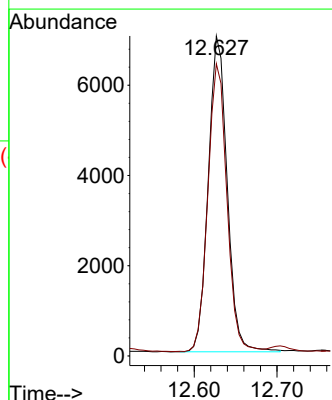
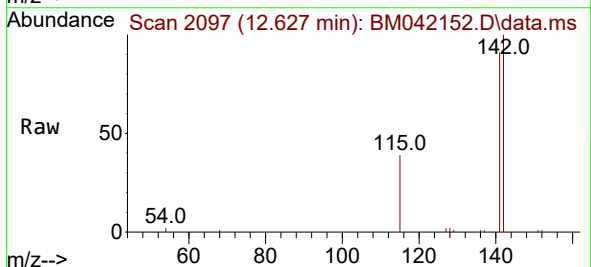
Instrument :
BNA_M
ClientSampleId :
SICV049

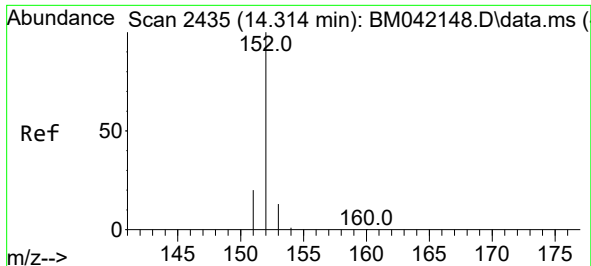
Tgt Ion:142 Resp: 10959
Ion Ratio Lower Upper
142 100
141 89.2 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM042152.D
Acq: 02 Oct 2023 18:55

Tgt Ion:142 Resp: 11094
Ion Ratio Lower Upper
142 100
141 91.7 73.5 110.3

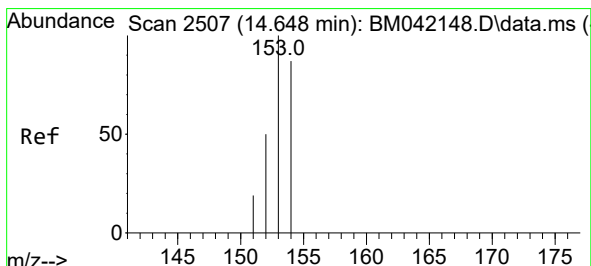
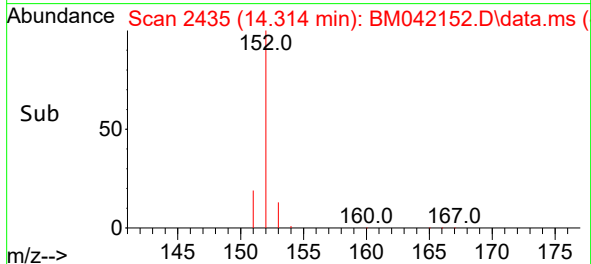
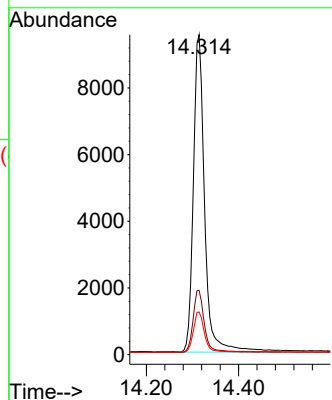
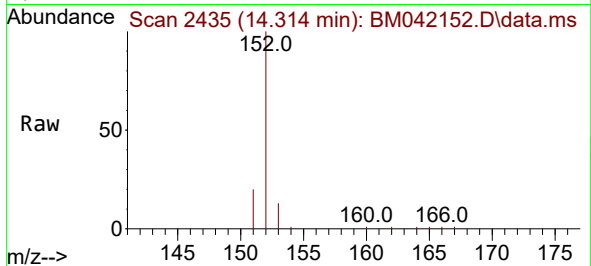




#10
Acenaphthylene
Concen: 0.417 ng/ul
RT: 14.314 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BM042152.D
Acq: 02 Oct 2023 18:55

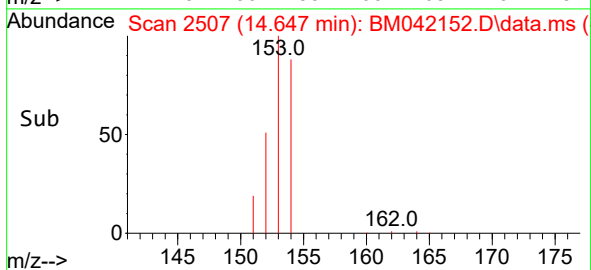
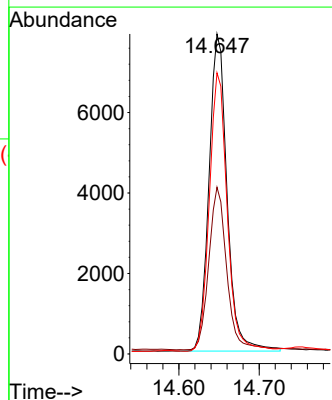
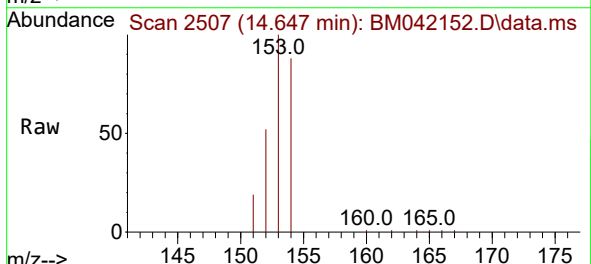
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BNA_M
ClientSampleId :
SICV049

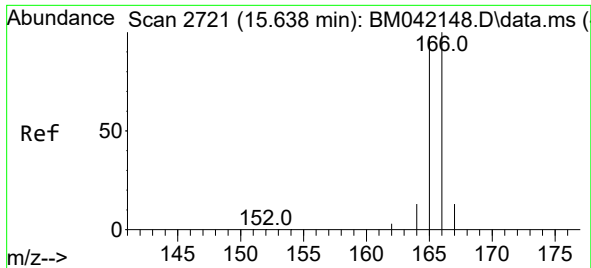
Tgt Ion:	152	Resp:	16174
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.4	24.6
153	13.3	10.9	16.3



#11
Acenaphthene
Concen: 0.420 ng/ul
RT: 14.647 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BM042152.D
Acq: 02 Oct 2023 18:55

Tgt Ion:	153	Resp:	12311
Ion Ratio	Lower	Upper	
153	100		
152	52.1	41.1	61.7
154	87.8	69.5	104.3

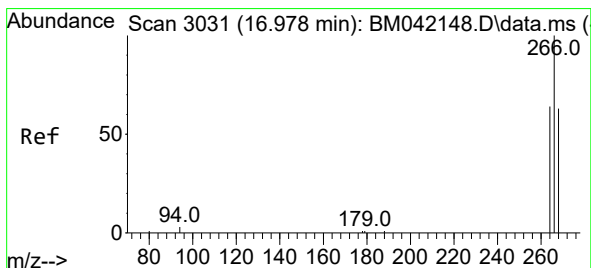
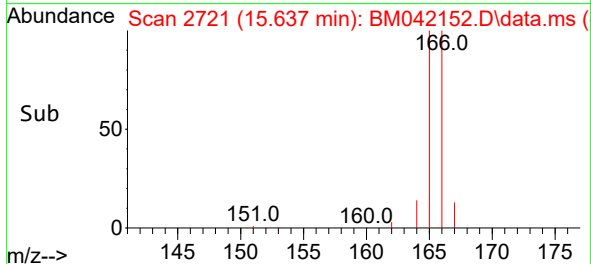
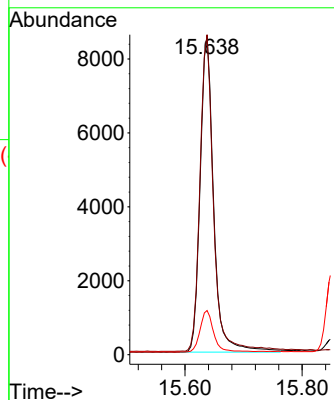
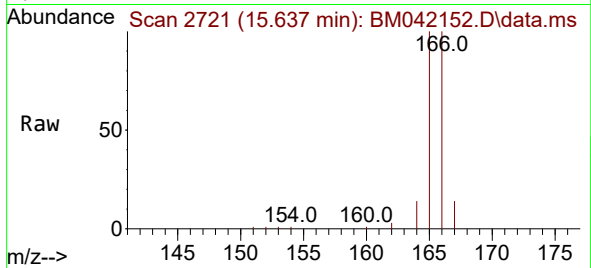




#12
 Fluorene
 Concen: 0.416 ng/ul
 RT: 15.637 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042152.D
 Acq: 02 Oct 2023 18:55

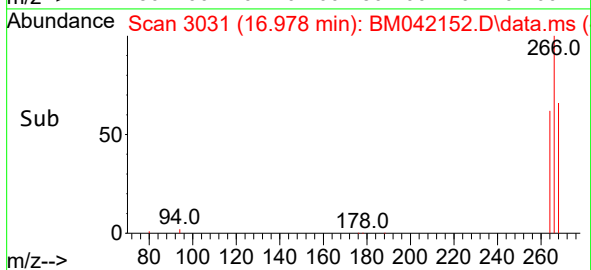
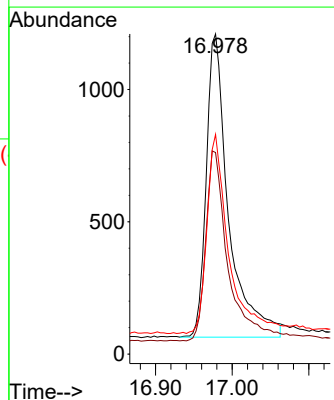
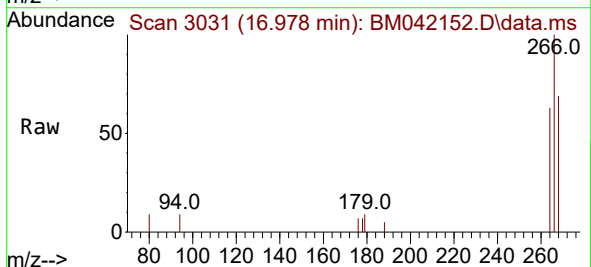
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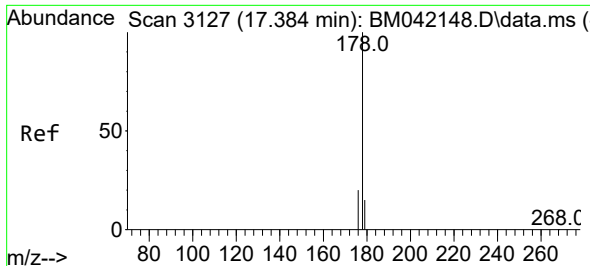
Tgt Ion:166 Resp: 13746
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.4 117.6
 167 13.8 11.5 17.3



#14
 Pentachlorophenol
 Concen: 0.394 ng/ul
 RT: 16.978 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: BM042152.D
 Acq: 02 Oct 2023 18:55

Tgt Ion:266 Resp: 2318
 Ion Ratio Lower Upper
 266 100
 264 62.5 51.1 76.7
 268 63.8 52.1 78.1

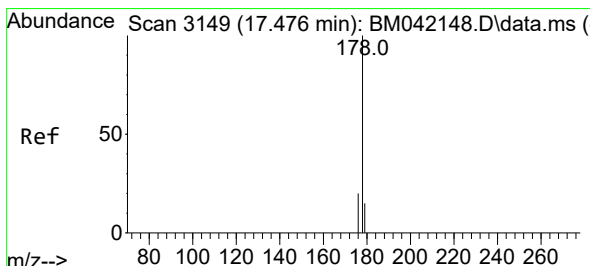
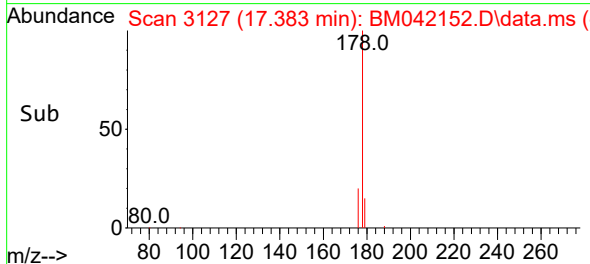
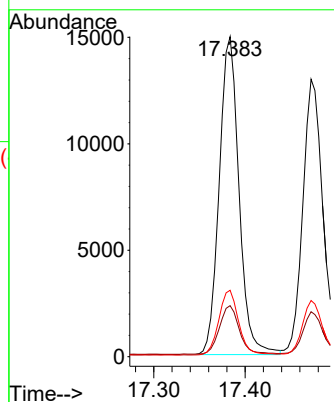
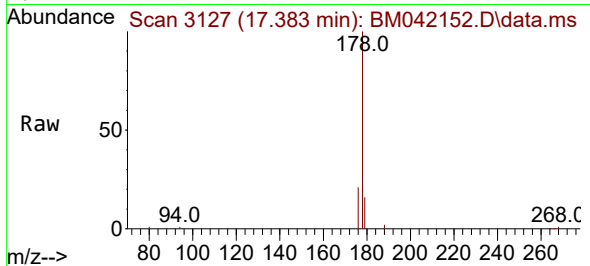




#15
Phenanthrene
Concen: 0.419 ng/ul
RT: 17.383 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM042152.D
Acq: 02 Oct 2023 18:55

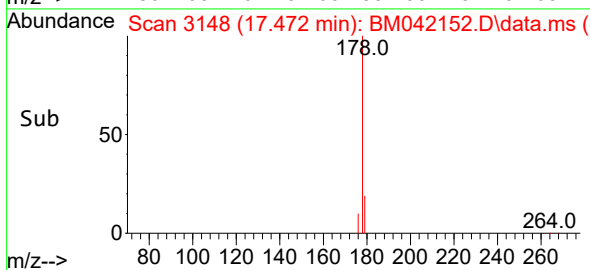
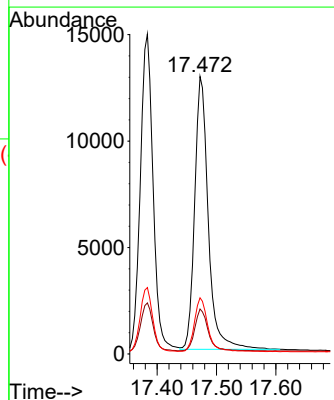
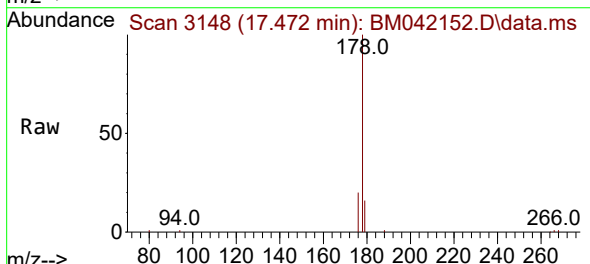
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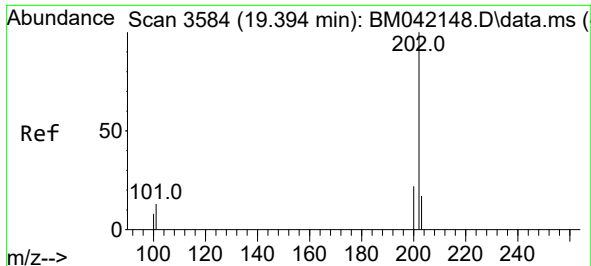
Tgt Ion:178 Resp: 22407
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 20.7 16.8 25.2



#16
Anthracene
Concen: 0.417 ng/ul
RT: 17.472 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BM042152.D
Acq: 02 Oct 2023 18:55

Tgt Ion:178 Resp: 20390
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 20.2 16.3 24.5

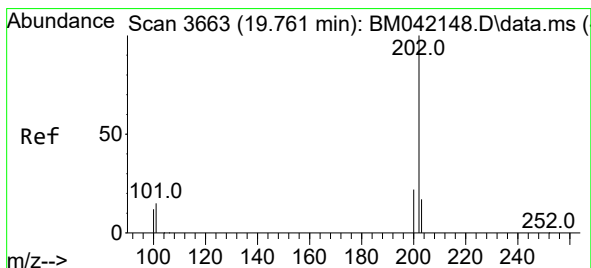
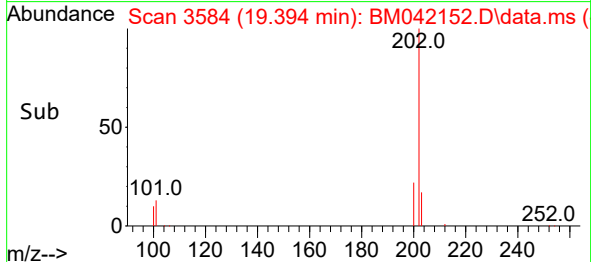
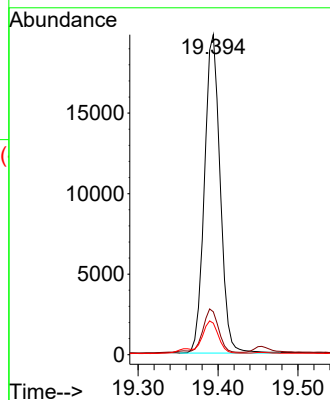
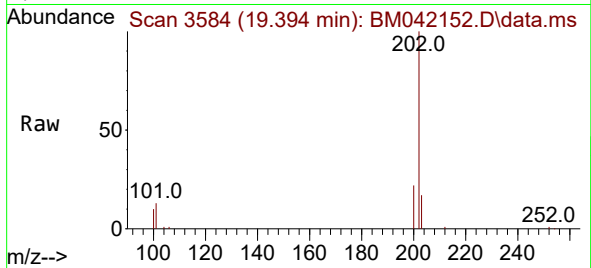




#19
Fluoranthene
Concen: 0.429 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BM042152.D
Acq: 02 Oct 2023 18:55

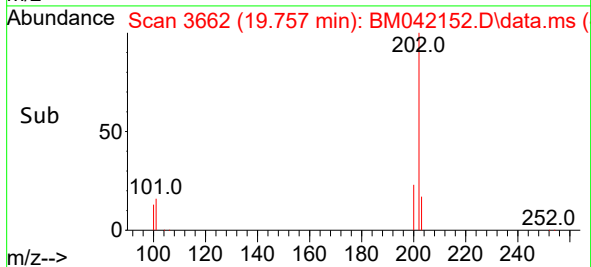
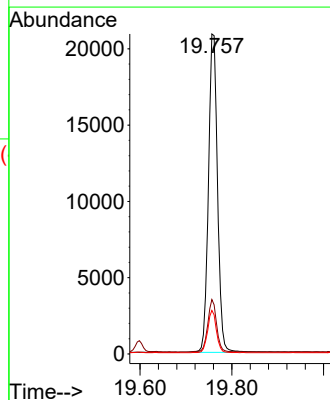
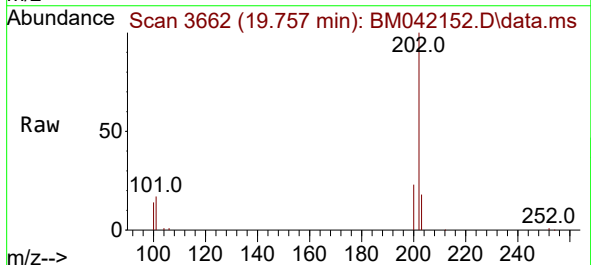
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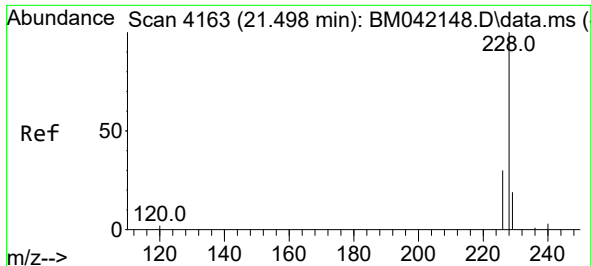
Tgt Ion:202 Resp: 26977
Ion Ratio Lower Upper
202 100
101 13.4 11.1 16.7
100 9.9 8.2 12.2



#20
Pyrene
Concen: 0.430 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BM042152.D
Acq: 02 Oct 2023 18:55

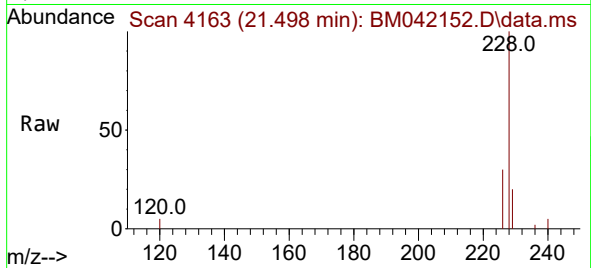
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Ion Ratio Lower Upper
202 100
101 17.0 12.7 19.1
100 13.6 9.9 14.9



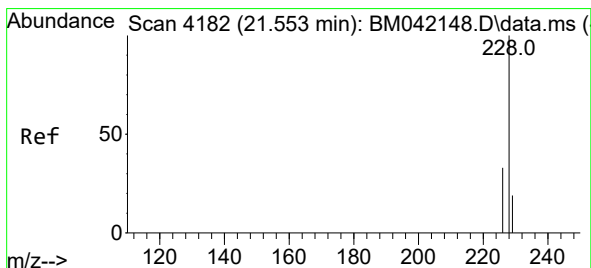
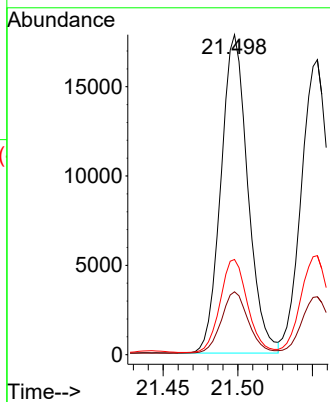
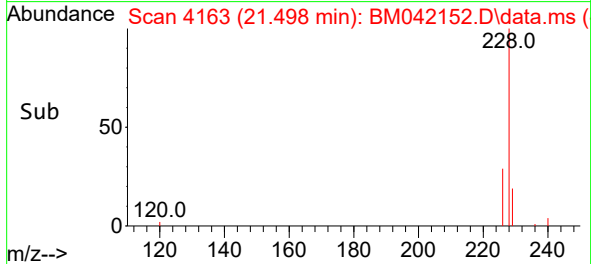


#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.000 min
Lab File: BM042152.D
Acq: 02 Oct 2023 18:55

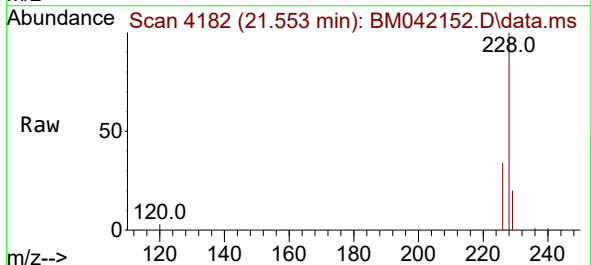
Instrument :
BNA_M
ClientSampleId :
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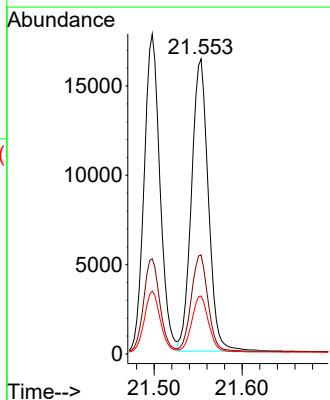
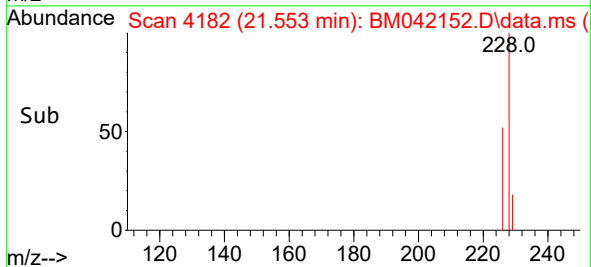
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Ion Ratio Lower Upper
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229 19.7 15.8 23.8
226 29.7 24.6 37.0

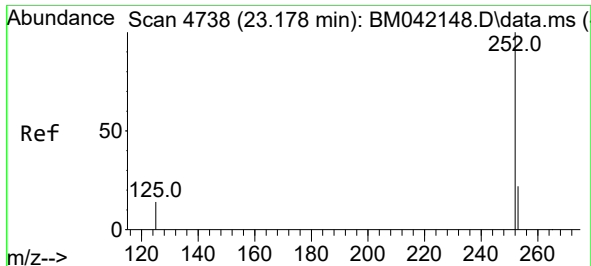


#22
Chrysene
Concen: 0.419 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.000 min
Lab File: BM042152.D
Acq: 02 Oct 2023 18:55



Tgt Ion:228 Resp: 21764
Ion Ratio Lower Upper
228 100
226 33.6 26.7 40.1
229 19.6 15.8 23.8

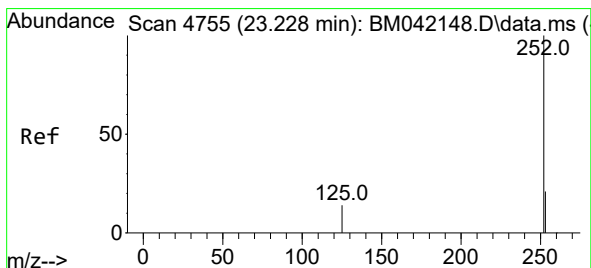
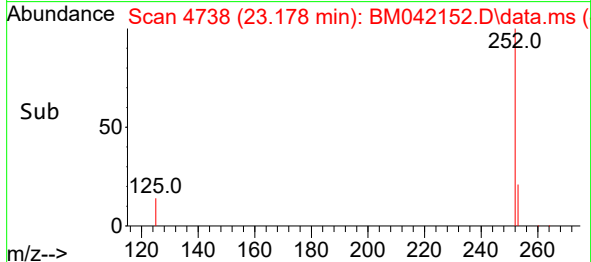
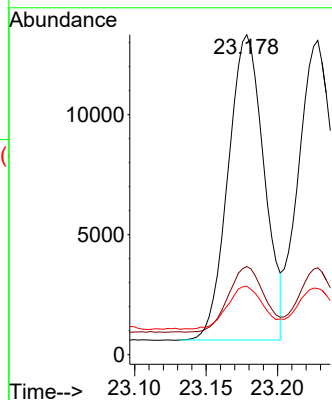
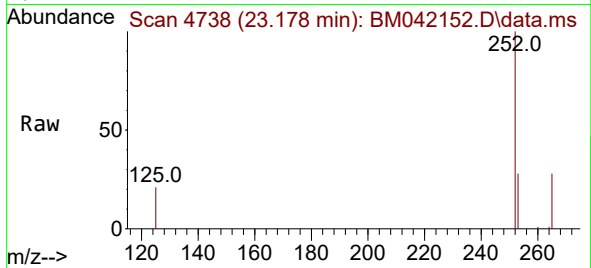




#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul
RT: 23.178 min Scan# 4738
Delta R.T. -0.000 min
Lab File: BM042152.D
Acq: 02 Oct 2023 18:55

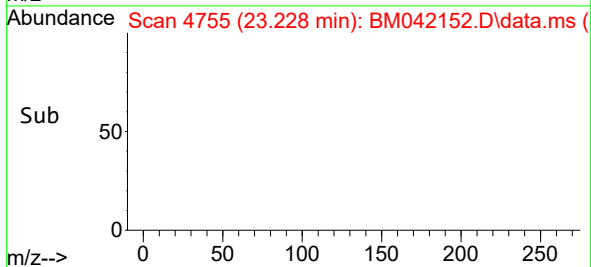
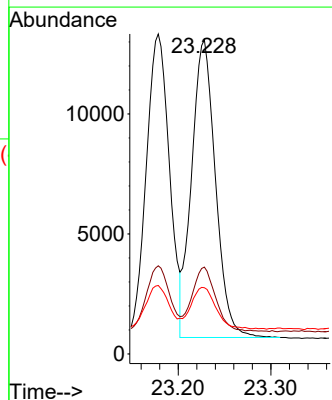
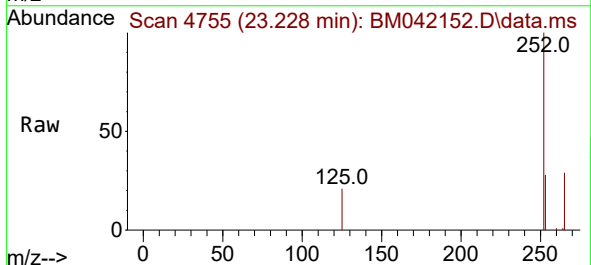
Instrument :
BNA_M
ClientSampleId :
SICV049

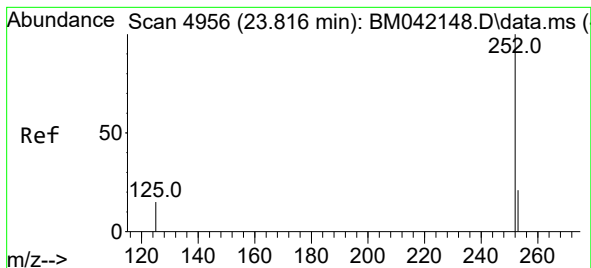
Tgt Ion:252 Resp: 22261
Ion Ratio Lower Upper
252 100
253 27.5 0.0 59.0
125 21.4 0.0 49.6



#25
Benzo(k)fluoranthene
Concen: 0.420 ng/ul
RT: 23.228 min Scan# 4755
Delta R.T. -0.000 min
Lab File: BM042152.D
Acq: 02 Oct 2023 18:55

Tgt Ion:252 Resp: 22220
Ion Ratio Lower Upper
252 100
253 27.7 23.4 35.0
125 21.1 19.9 29.9





#26

Benzo(a)pyrene

Concen: 0.415 ng/ul

RT: 23.813 min Scan# 4956

Delta R.T. -0.003 min

Lab File: BM042152.D

Acq: 02 Oct 2023 18:55

Instrument :

BNA_M

ClientSampleId :

SICV049

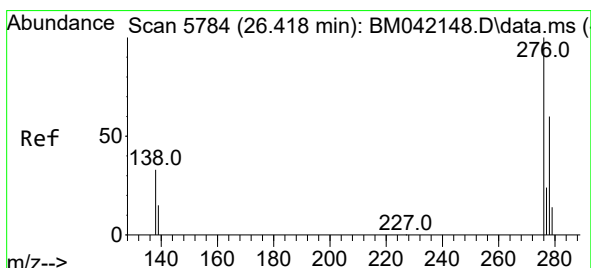
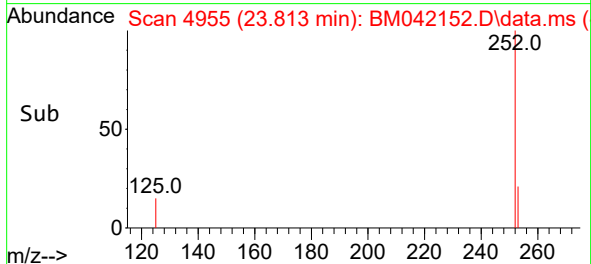
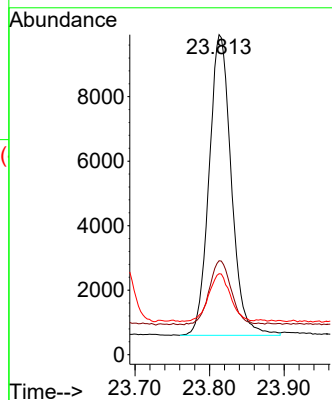
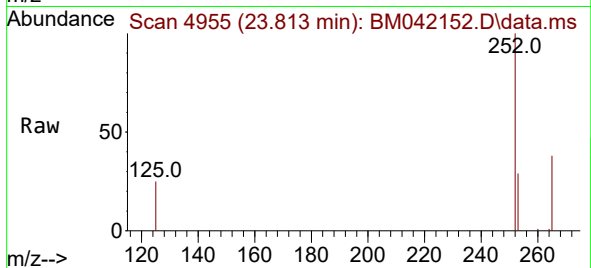
Tgt Ion:252 Resp: 19271

Ion Ratio Lower Upper

252 100

253 29.4 25.3 37.9

125 25.3 23.2 34.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.419 ng/ul

RT: 26.411 min Scan# 5782

Delta R.T. -0.007 min

Lab File: BM042152.D

Acq: 02 Oct 2023 18:55

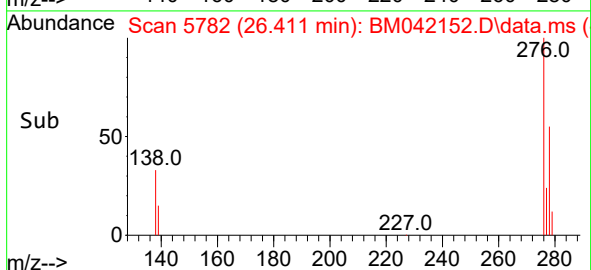
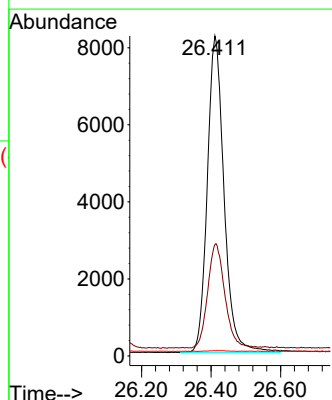
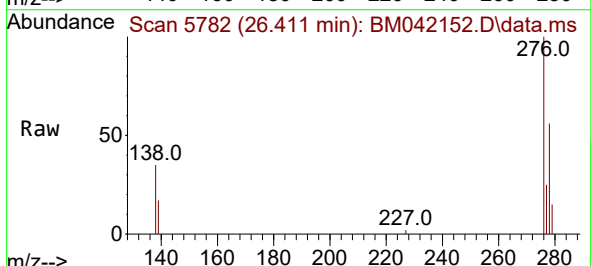
Tgt Ion:276 Resp: 27530

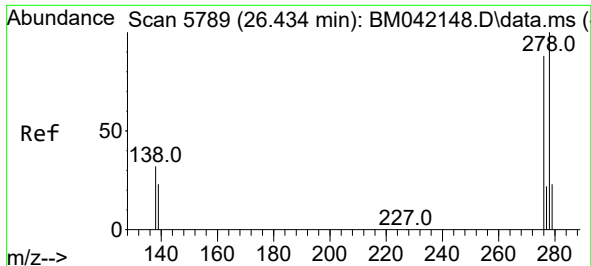
Ion Ratio Lower Upper

276 100

138 33.6 26.7 40.1

227 0.1 0.2 0.2#

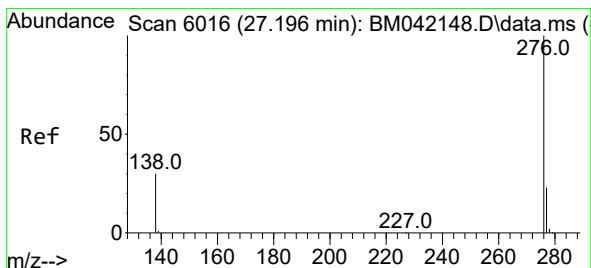
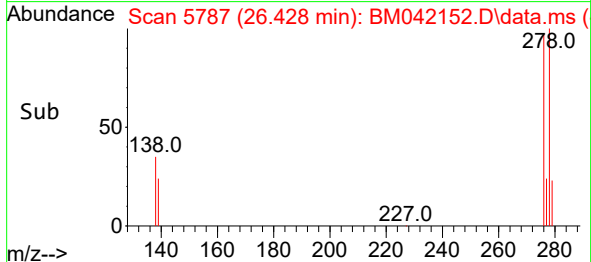
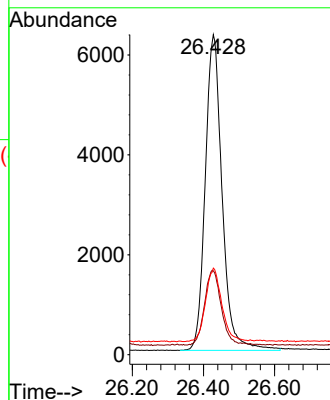
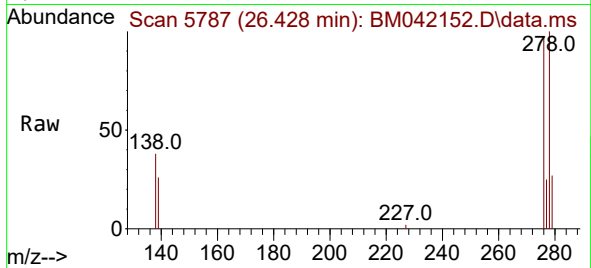




#28
Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 26.428 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM042152.D
Acq: 02 Oct 2023 18:55

Instrument :
BNA_M
ClientSampleId :
SICV049

Tgt Ion:278 Resp: 20779
Ion Ratio Lower Upper
278 100
139 26.2 21.7 32.5
279 27.0 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.417 ng/ul
RT: 27.182 min Scan# 6012
Delta R.T. -0.014 min
Lab File: BM042152.D
Acq: 02 Oct 2023 18:55

Tgt Ion:276 Resp: 22932
Ion Ratio Lower Upper
276 100
138 32.0 26.8 40.2
277 24.7 20.1 30.1

