

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110522\
 Data File : BM037381.D
 Acq On : 05 Nov 2022 17:19
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV042

Quant Time: Nov 07 00:31:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:30:18 2022
 Response via : Initial Calibration

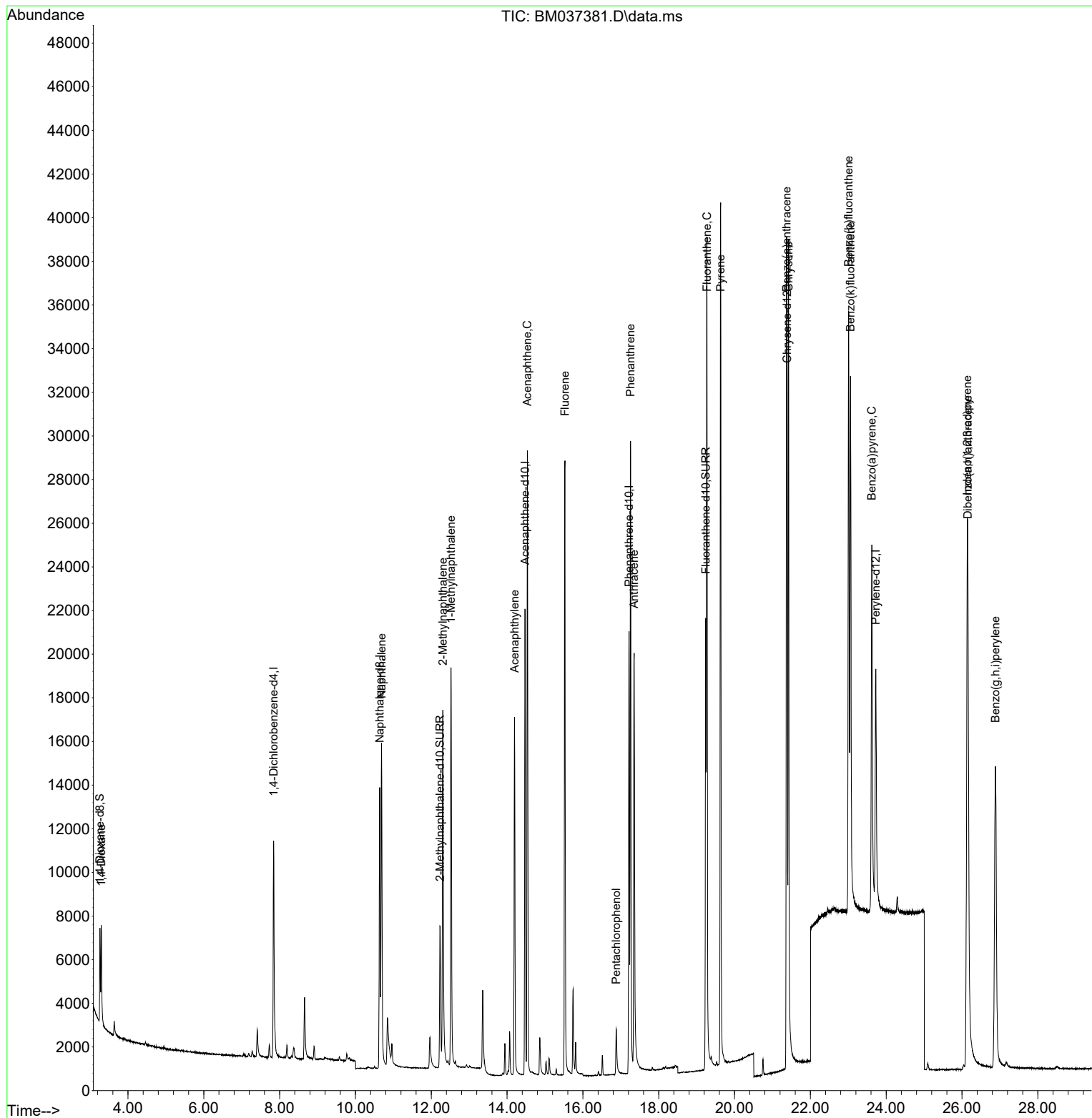
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	5814	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	18981	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	11451	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	24467	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	19900	0.400	ng/ul	0.00
23) Perylene-d12	23.724	264	16523	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	2808	0.380	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	10787	0.378	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	23105	0.371	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.298	88	2856	0.391	ng/ul#	83
5) Naphthalene	10.688	128	21897	0.398	ng/ul	99
7) 2-Methylnaphthalene	12.305	142	14513	0.421	ng/ul	98
8) 1-Methylnaphthalene	12.519	142	13902	0.392	ng/ul	100
10) Acenaphthylene	14.196	152	19753	0.405	ng/ul	100
11) Acenaphthene	14.533	153	16812	0.390	ng/ul	99
12) Fluorene	15.523	166	19205	0.389	ng/ul	99
14) Pentachlorophenol	16.878	266	2075	0.321	ng/ul	100
15) Phenanthrene	17.254	178	31619	0.378	ng/ul	100
16) Anthracene	17.351	178	26278	0.385	ng/ul	100
19) Fluoranthene	19.271	202	36111	0.383	ng/ul	100
20) Pyrene	19.633	202	37924	0.384	ng/ul	98
21) Benzo(a)anthracene	21.371	228	31464	0.366	ng/ul	99
22) Chrysene	21.424	228	35631	0.372	ng/ul	99
24) Benzo(b)fluoranthene	23.008	252	36723	0.387	ng/ul	99
25) Benzo(k)fluoranthene	23.058	252	34759	0.383	ng/ul	98
26) Benzo(a)pyrene	23.619	252	29629	0.374	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.138	276	36626	0.347	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.155	278	29868	0.367	ng/ul	100
29) Benzo(g,h,i)perylene	26.880	276	33660	0.369	ng/ul	99

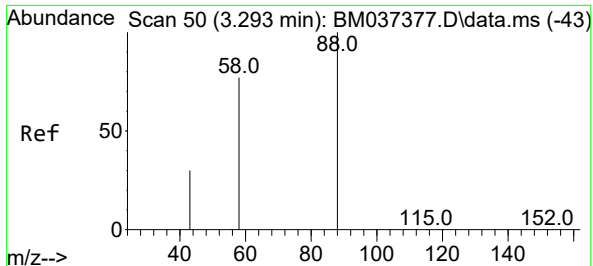
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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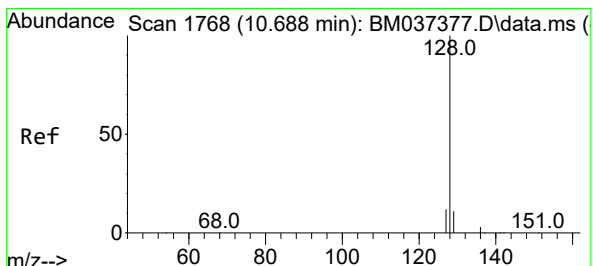
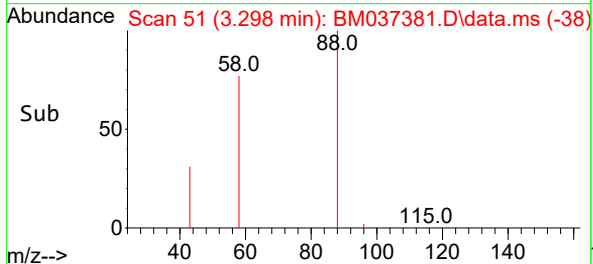
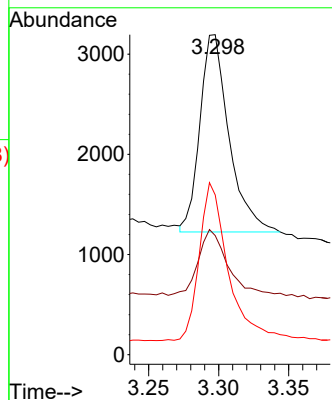
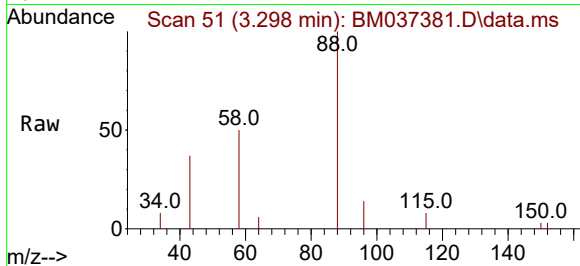




#2
1,4-Dioxane
Concen: 0.391 ng/ul
RT: 3.298 min Scan# 51
Delta R.T. 0.004 min
Lab File: BM037381.D
Acq: 05 Nov 2022 17:19

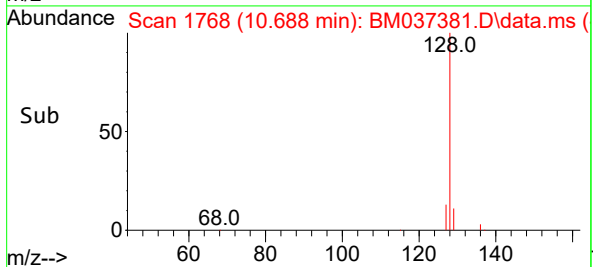
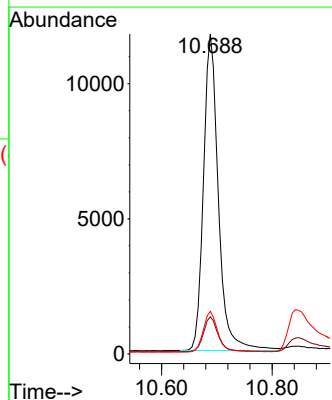
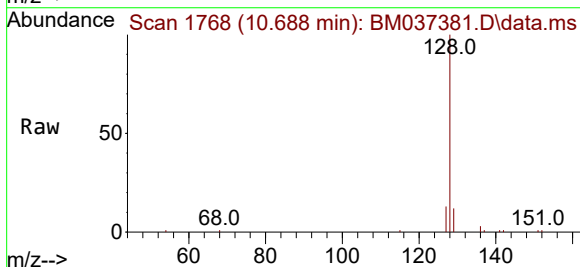
Instrument :
BNA_M
ClientSampleId :
SICV042

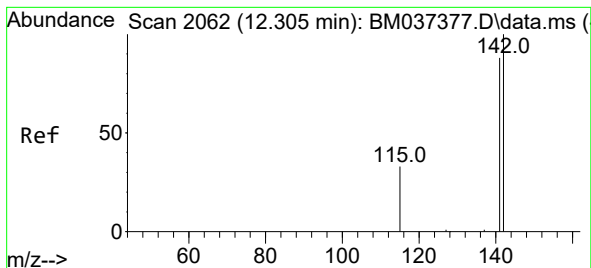
Tgt Ion: 88 Resp: 2856
Ion Ratio Lower Upper
88 100
43 37.2 39.9 59.9#
58 49.9 50.2 75.2#



#5
Naphthalene
Concen: 0.398 ng/ul
RT: 10.688 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM037381.D
Acq: 05 Nov 2022 17:19

Tgt Ion: 128 Resp: 21897
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.3 10.2 15.4

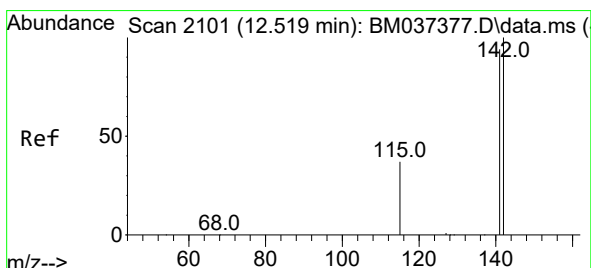
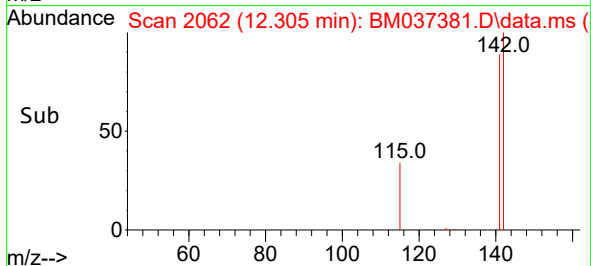
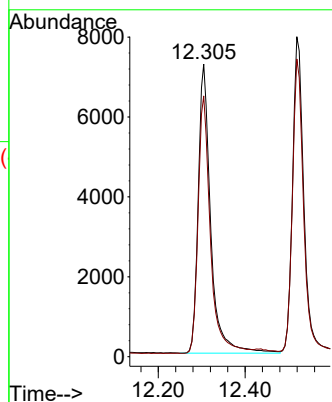
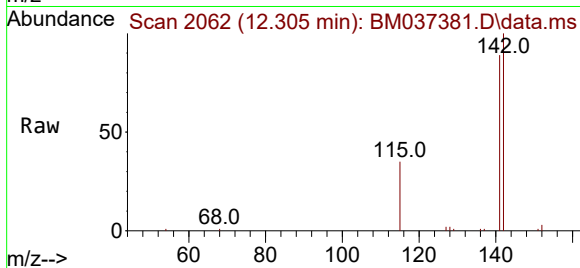




#7
2-Methylnaphthalene
Concen: 0.421 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM037381.D
Acq: 05 Nov 2022 17:19

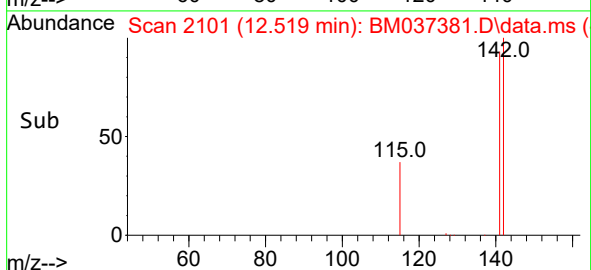
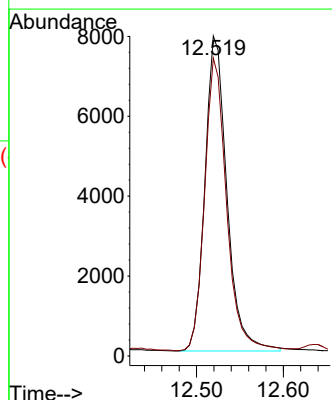
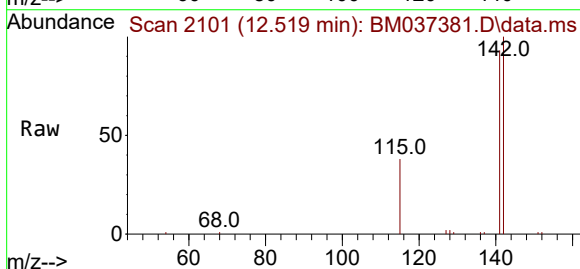
Instrument :
BNA_M
ClientSampleId :
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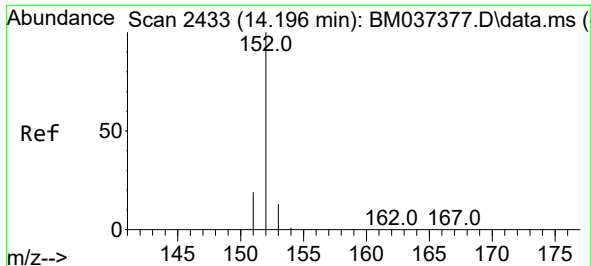
Tgt Ion:142 Resp: 14513
Ion Ratio Lower Upper
142 100
141 90.0 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM037381.D
Acq: 05 Nov 2022 17:19

Tgt Ion:142 Resp: 13902
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9

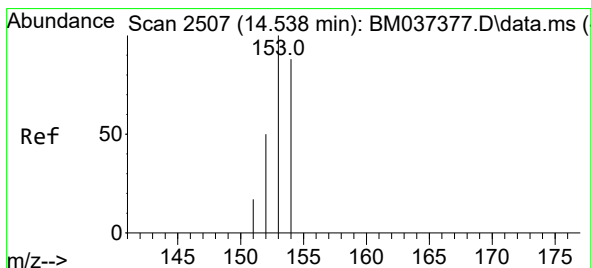
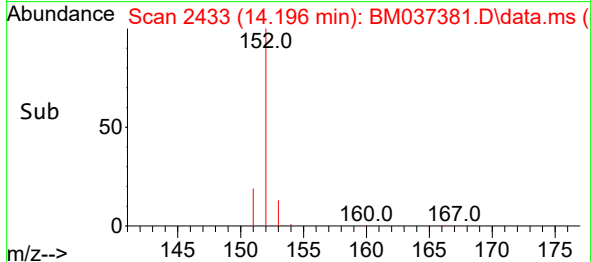
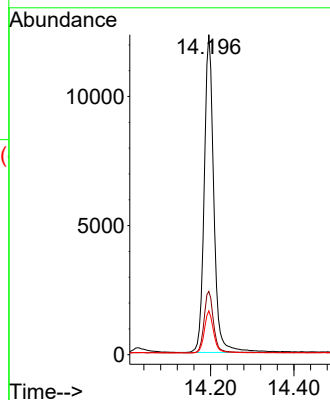
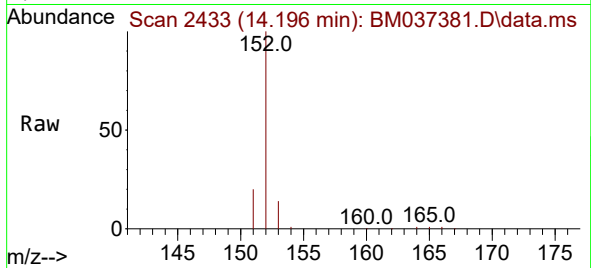




#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BM037381.D
Acq: 05 Nov 2022 17:19

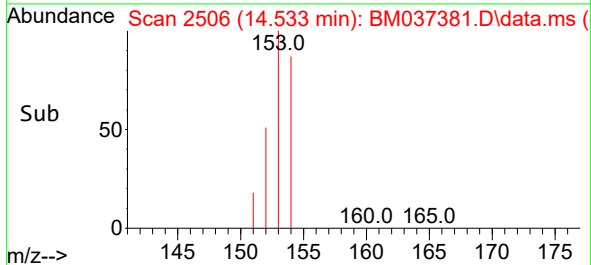
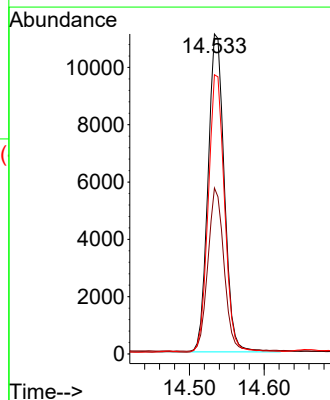
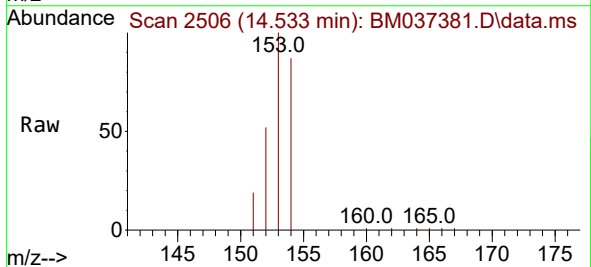
Instrument :
BNA_M
ClientSampleId :
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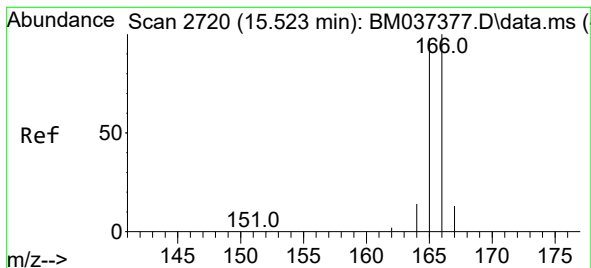
Tgt Ion:152	Resp:	19753
Ion Ratio	Lower	Upper
152	100	
151	19.8	16.1 24.1
153	13.7	11.0 16.4



#11
Acenaphthene
Concen: 0.390 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BM037381.D
Acq: 05 Nov 2022 17:19

Tgt Ion:153	Resp:	16812
Ion Ratio	Lower	Upper
153	100	
152	51.8	40.2 60.4
154	87.3	70.4 105.6





#12

Fluorene

Concen: 0.389 ng/ul

RT: 15.523 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037381.D

Acq: 05 Nov 2022 17:19

Instrument :

BNA_M

ClientSampleId :

SICV042

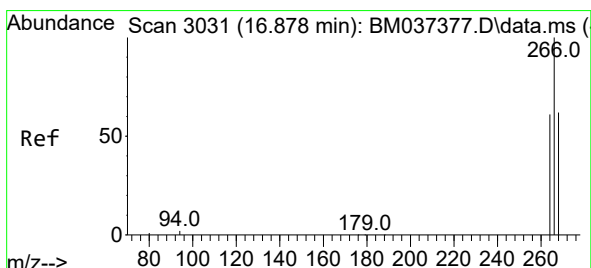
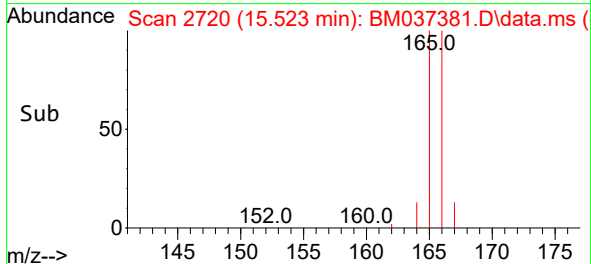
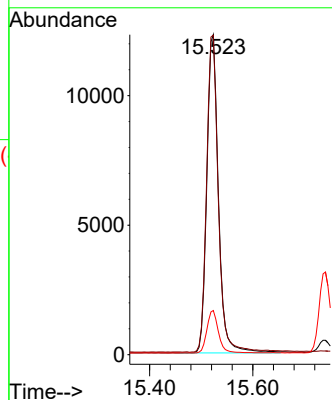
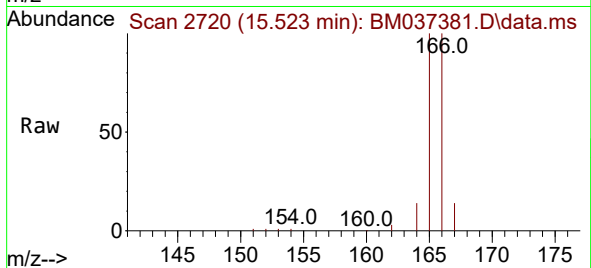
Tgt Ion:166 Resp: 19205

Ion Ratio Lower Upper

166 100

165 99.8 79.0 118.4

167 13.8 11.1 16.7



#14

Pentachlorophenol

Concen: 0.321 ng/ul

RT: 16.878 min Scan# 3031

Delta R.T. 0.000 min

Lab File: BM037381.D

Acq: 05 Nov 2022 17:19

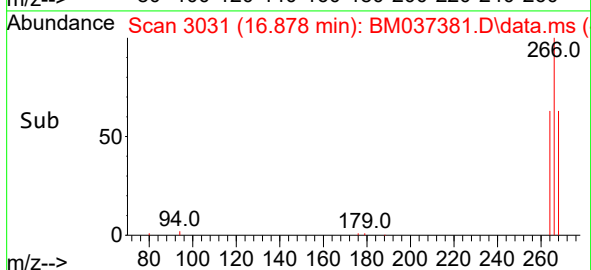
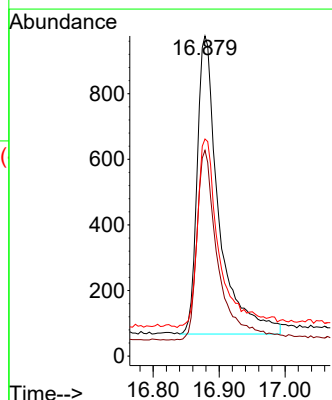
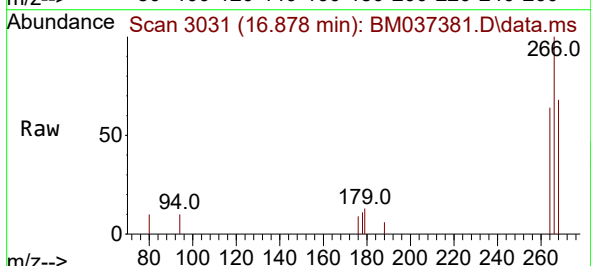
Tgt Ion:266 Resp: 2075

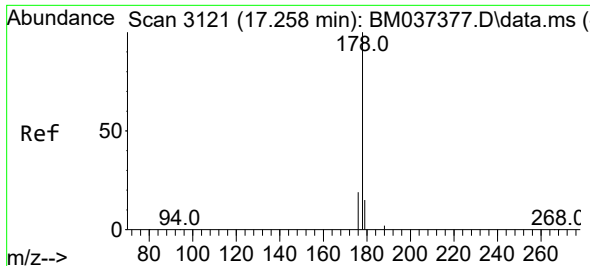
Ion Ratio Lower Upper

266 100

264 62.3 49.9 74.9

268 64.4 51.9 77.9

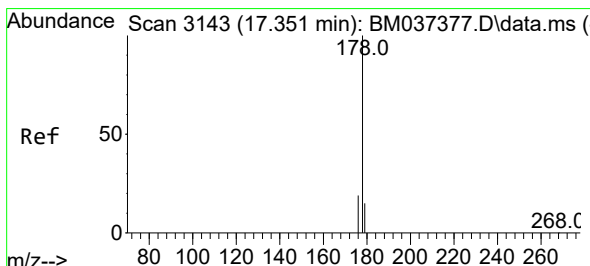
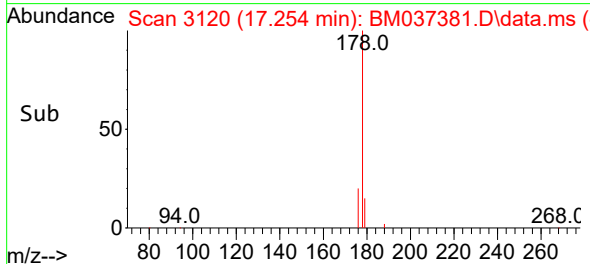
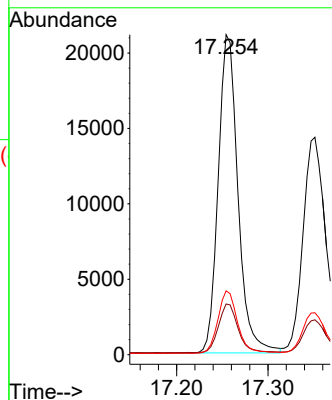
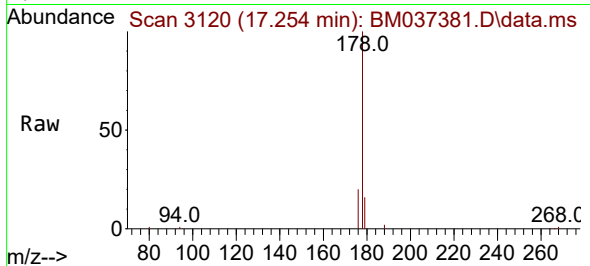




#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BM037381.D
Acq: 05 Nov 2022 17:19

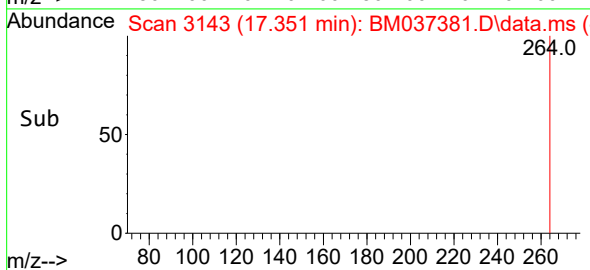
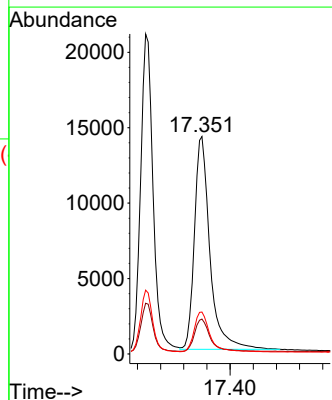
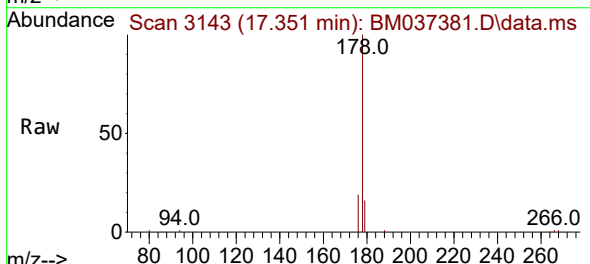
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SICV042

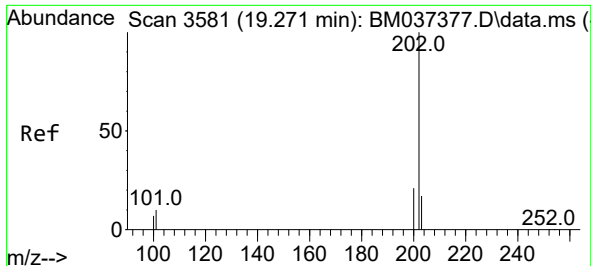
Tgt Ion:178 Resp: 31619
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.9 16.0 24.0



#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BM037381.D
Acq: 05 Nov 2022 17:19

Tgt Ion:178 Resp: 26278
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 19.3 15.5 23.3

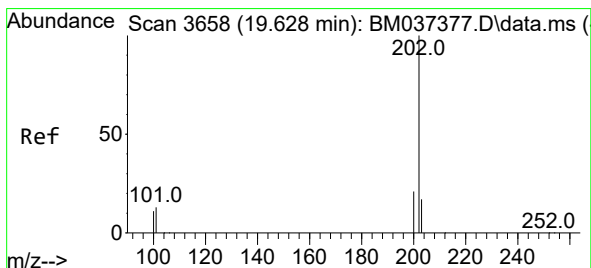
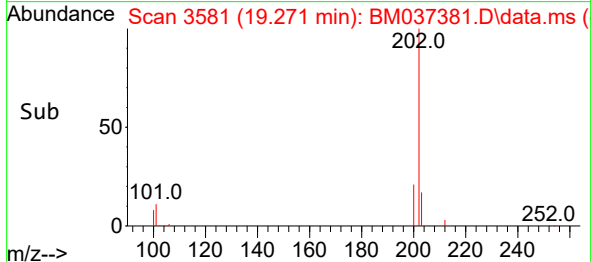
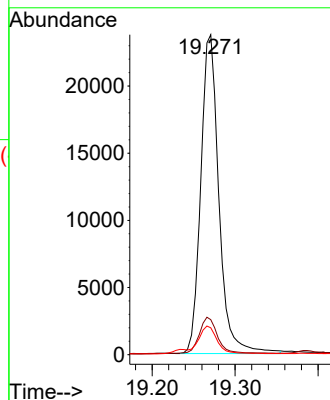
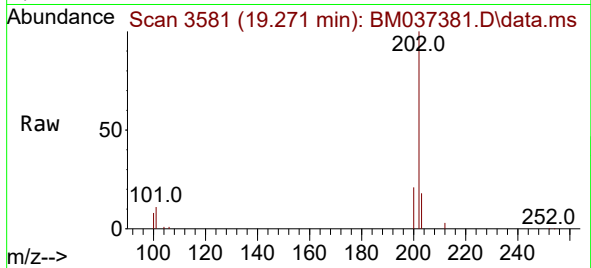




#19
Fluoranthene
Concen: 0.383 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. 0.000 min
Lab File: BM037381.D
Acq: 05 Nov 2022 17:19

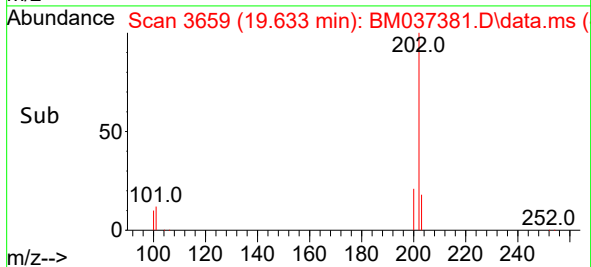
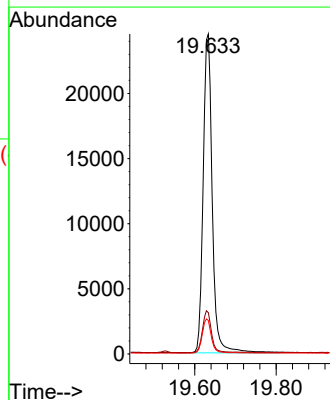
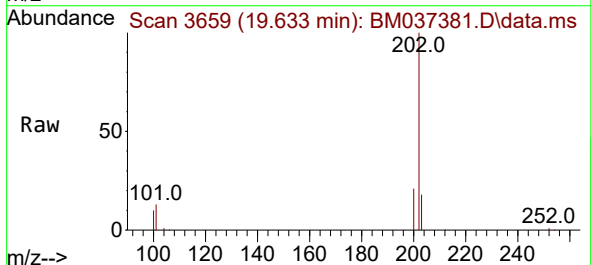
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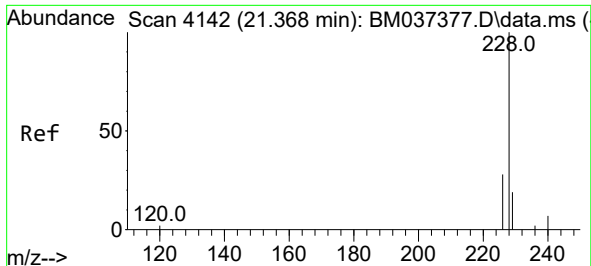
Tgt Ion:202 Resp: 36111
Ion Ratio Lower Upper
202 100
101 11.0 8.7 13.1
100 8.4 6.6 10.0



#20
Pyrene
Concen: 0.384 ng/ul
RT: 19.633 min Scan# 3659
Delta R.T. 0.005 min
Lab File: BM037381.D
Acq: 05 Nov 2022 17:19

Tgt Ion:202 Resp: 37924
Ion Ratio Lower Upper
202 100
101 12.9 11.1 16.7
100 10.5 9.0 13.4

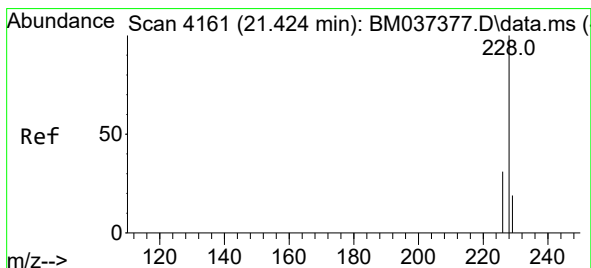
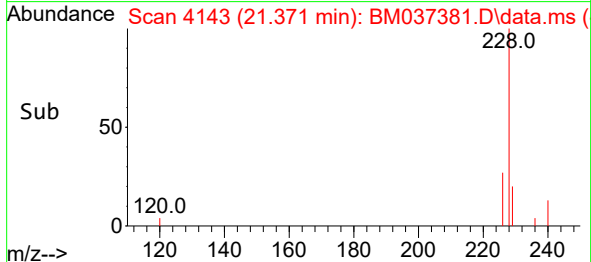
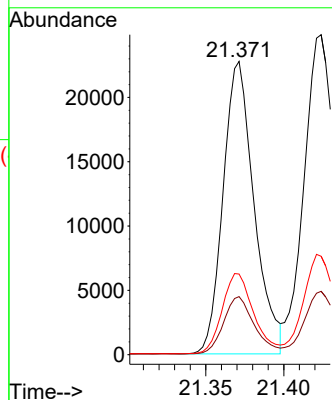
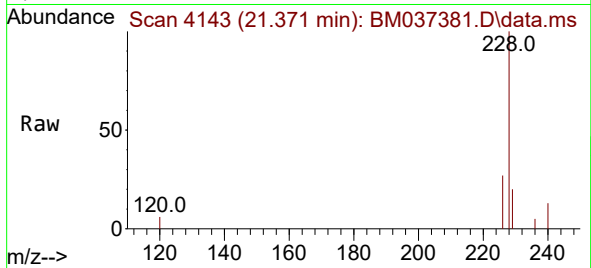




#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.371 min Scan# 4143
Delta R.T. 0.003 min
Lab File: BM037381.D
Acq: 05 Nov 2022 17:19

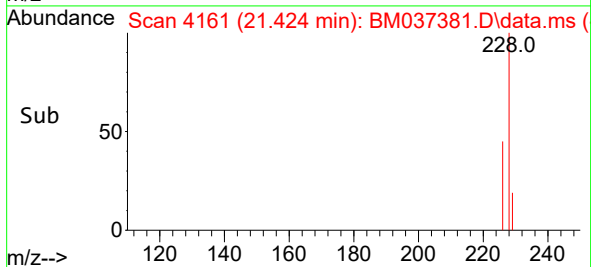
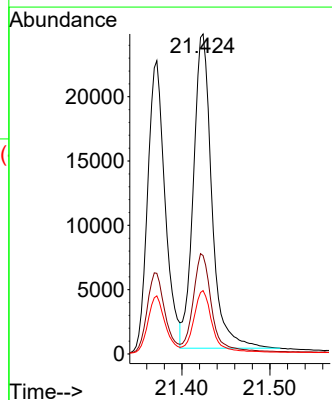
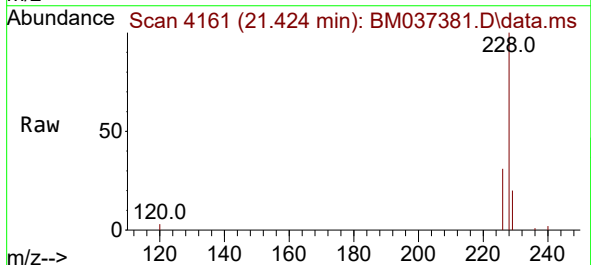
Instrument :
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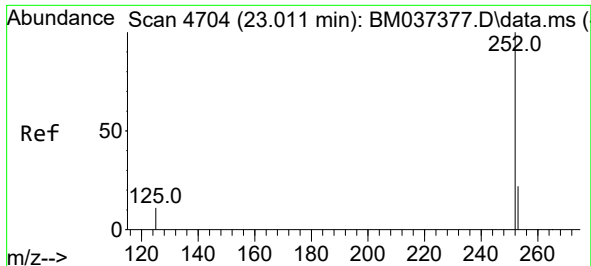
Tgt Ion:228 Resp: 31464
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.5 22.6 33.8



#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. 0.000 min
Lab File: BM037381.D
Acq: 05 Nov 2022 17:19

Tgt Ion:228 Resp: 35631
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 19.8 15.6 23.4

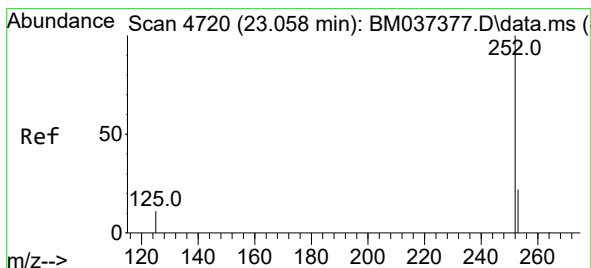
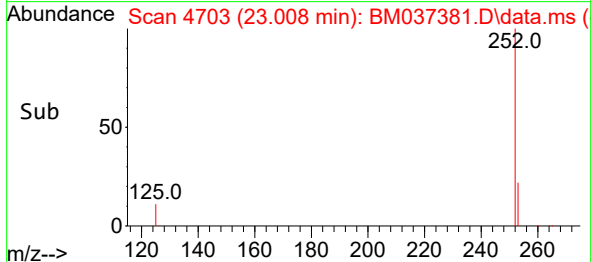
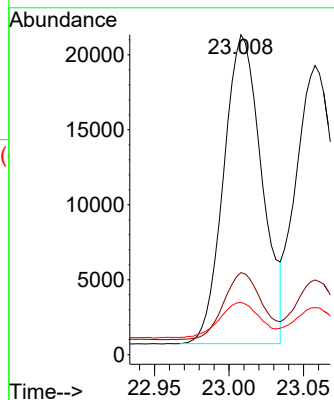
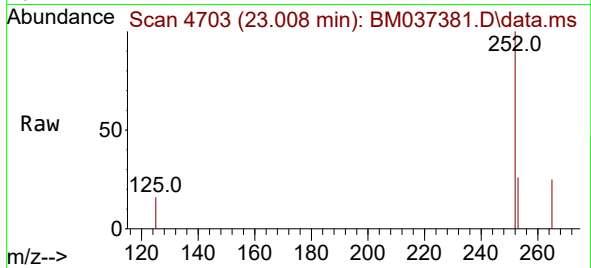




#24
Benzo(b)fluoranthene
Concen: 0.387 ng/ul
RT: 23.008 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM037381.D
Acq: 05 Nov 2022 17:19

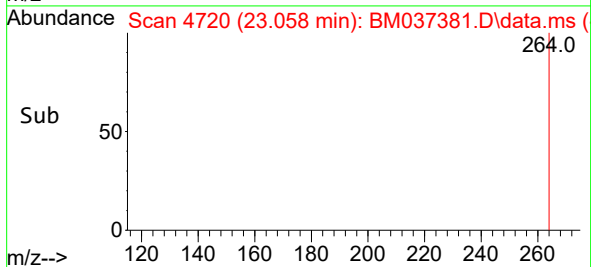
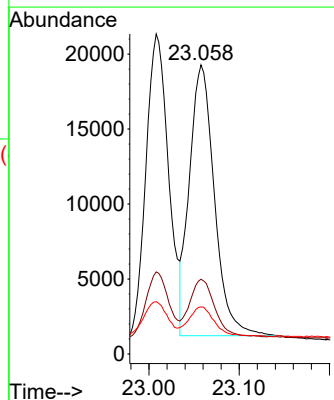
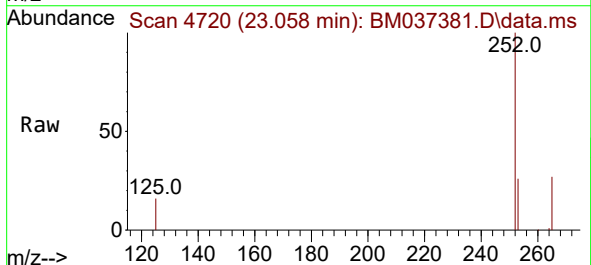
Instrument :
BNA_M
ClientSampleId :
SICV042

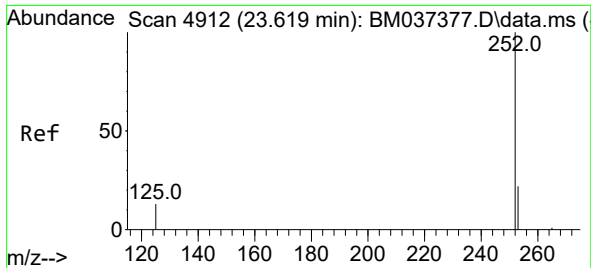
Tgt Ion:252 Resp: 36723
Ion Ratio Lower Upper
252 100
253 25.7 0.0 52.6
125 16.4 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 23.058 min Scan# 4720
Delta R.T. 0.000 min
Lab File: BM037381.D
Acq: 05 Nov 2022 17:19

Tgt Ion:252 Resp: 34759
Ion Ratio Lower Upper
252 100
253 25.8 21.6 32.4
125 16.3 13.8 20.8

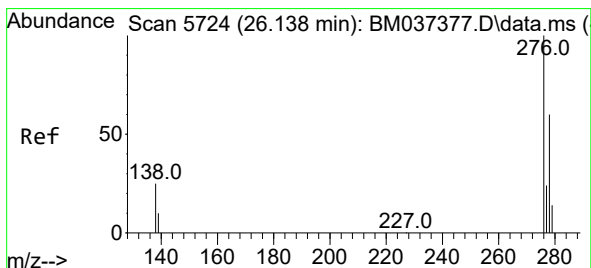
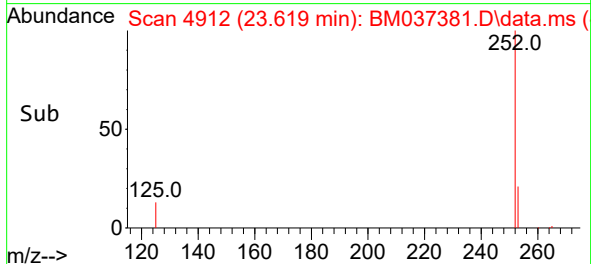
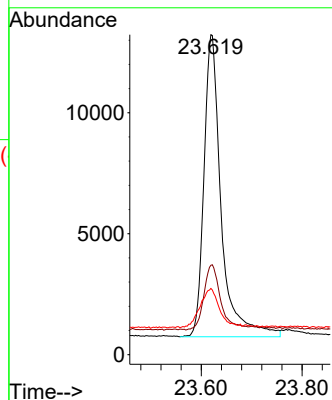
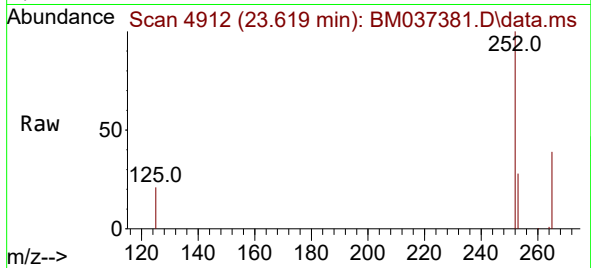




#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.619 min Scan# 4912
Delta R.T. 0.000 min
Lab File: BM037381.D
Acq: 05 Nov 2022 17:19

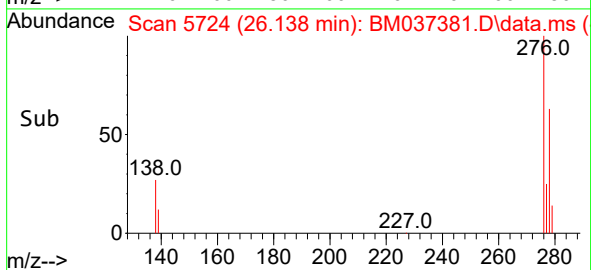
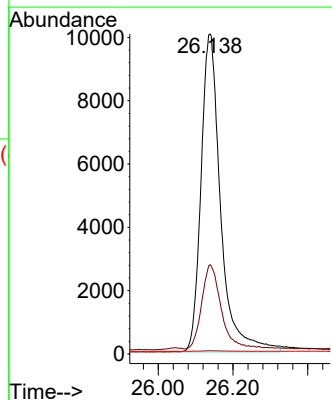
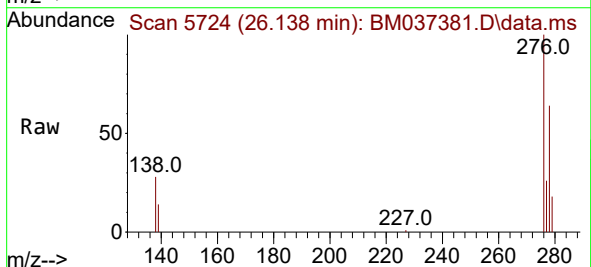
Instrument :
BNA_M
ClientSampleId :
SICV042

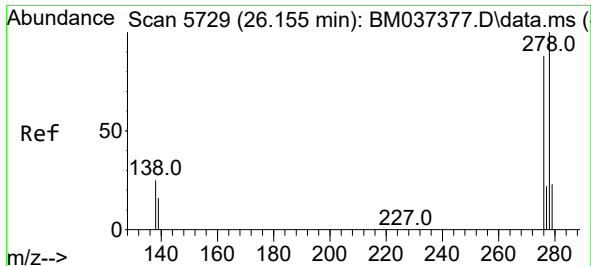
Tgt Ion:	252	Resp:	29629
Ion Ratio	Lower	Upper	
252	100		
253	27.9	23.8	35.6
125	20.7	17.2	25.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng/ul
RT: 26.138 min Scan# 5724
Delta R.T. 0.000 min
Lab File: BM037381.D
Acq: 05 Nov 2022 17:19

Tgt Ion:	276	Resp:	36626
Ion Ratio	Lower	Upper	
276	100		
138	26.6	20.8	31.2
227	0.2	0.1	0.1

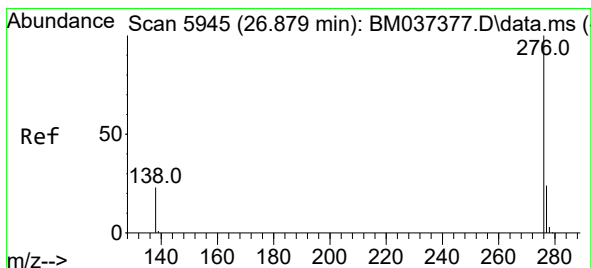
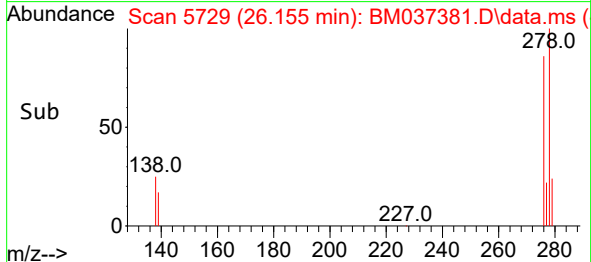
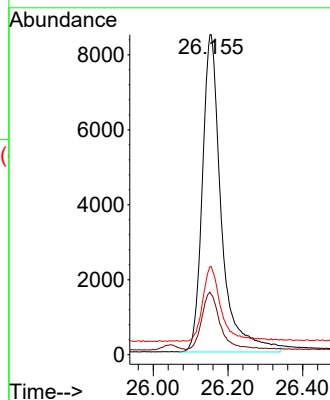
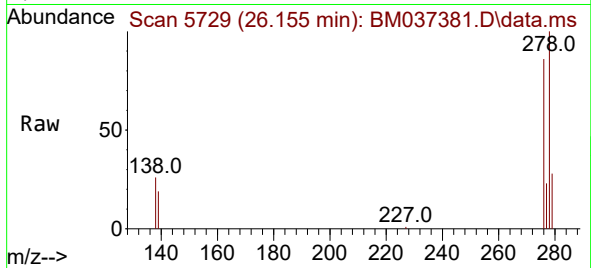




#28
 Dibenzo(a,h)anthracene
 Concen: 0.367 ng/ul
 RT: 26.155 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BM037381.D
 Acq: 05 Nov 2022 17:19

Instrument :
 BNA_M
 ClientSampleId :
 SICV042

Tgt Ion:278 Resp: 29868
 Ion Ratio Lower Upper
 278 100
 139 18.8 15.2 22.8
 279 27.5 22.2 33.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.369 ng/ul
 RT: 26.880 min Scan# 5945
 Delta R.T. 0.000 min
 Lab File: BM037381.D
 Acq: 05 Nov 2022 17:19

Tgt Ion:276 Resp: 33660
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.6 29.4
 277 24.3 20.1 30.1

