

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012422\
 Data File : BM033838.D
 Acq On : 24 Jan 2022 15:27
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV049

Quant Time: Jan 24 16:55:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 24 15:20:03 2022
 Response via : Initial Calibration

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

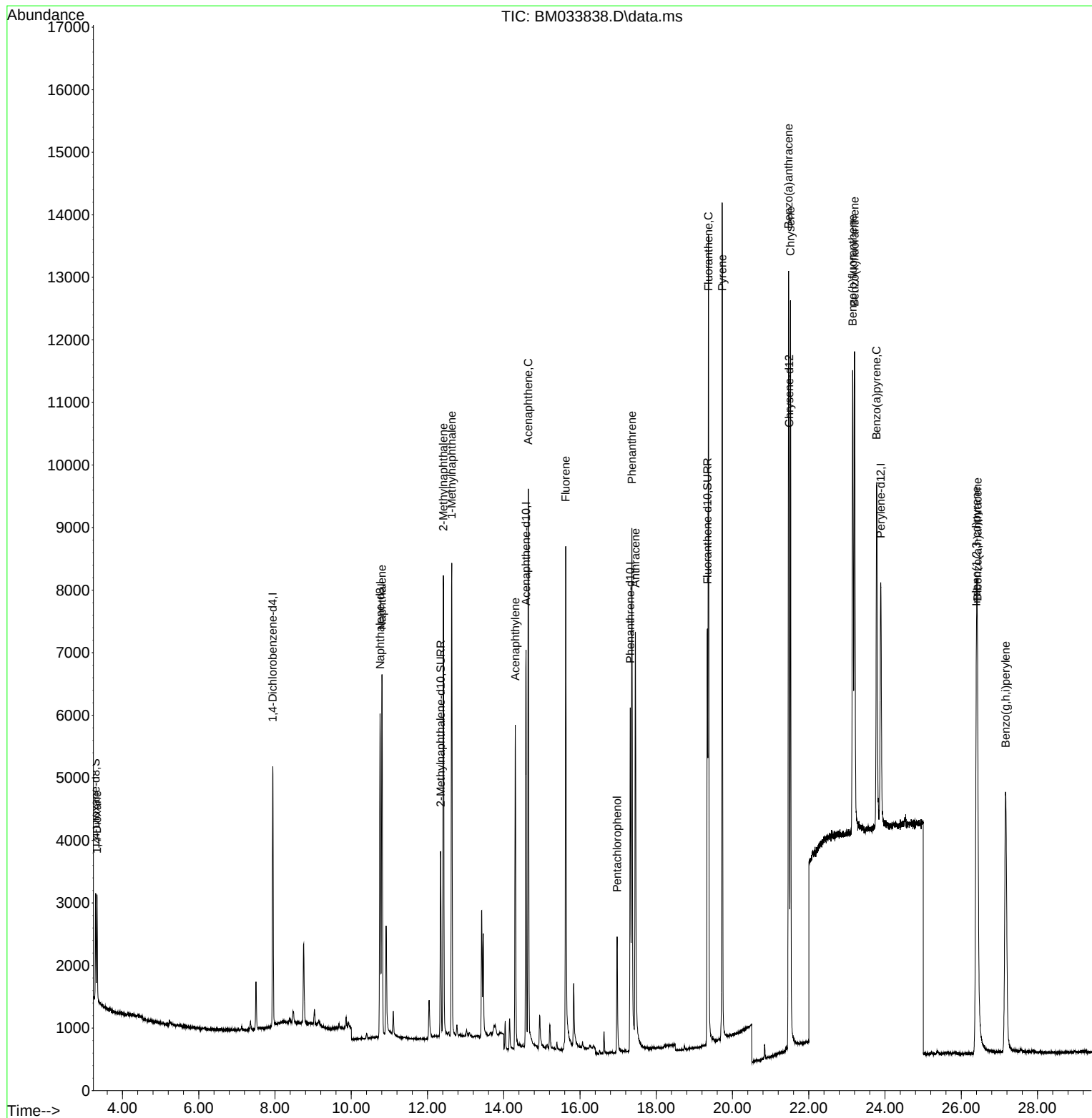
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	2072	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	7120	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.583	164	3570	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	7318	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	5977	0.400	ng/ul #	0.00
23) Perylene-d12	23.887	264	5863	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	965	0.446	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	4052	0.413	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	7616	0.414	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	976	0.430	ng/ul#	88
5) Naphthalene	10.805	128	7965	0.407	ng/ul#	89
7) 2-Methylnaphthalene	12.416	142	5238	0.412	ng/ul	100
8) 1-Methylnaphthalene	12.636	142	5092	0.408	ng/ul	100
10) Acenaphthylene	14.303	152	6329	0.397	ng/ul#	92
11) Acenaphthene	14.644	153	5301	0.415	ng/ul	96
12) Fluorene	15.626	166	5839	0.401	ng/ul	95
14) Pentachlorophenol	16.972	266	1401	0.417	ng/ul	96
15) Phenanthrene	17.361	178	9470	0.406	ng/ul	95
16) Anthracene	17.455	178	8670	0.397	ng/ul	92
19) Fluoranthene	19.368	202	11229	0.412	ng/ul	99
20) Pyrene	19.731	202	11461	0.411	ng/ul	95
21) Benzo(a)anthracene	21.470	228	9936	0.407	ng/ul	97
22) Chrysene	21.521	228	10531	0.407	ng/ul	97
24) Benzo(b)fluoranthene	23.153	252	10811	0.411	ng/ul	92
25) Benzo(k)fluoranthene	23.202	252	10813	0.410	ng/ul#	92
26) Benzo(a)pyrene	23.781	252	9225	0.404	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.395	276	12434	0.409	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.427	278	9778	0.408	ng/ul	92
29) Benzo(g,h,i)perylene	27.163	276	10658	0.413	ng/ul	93

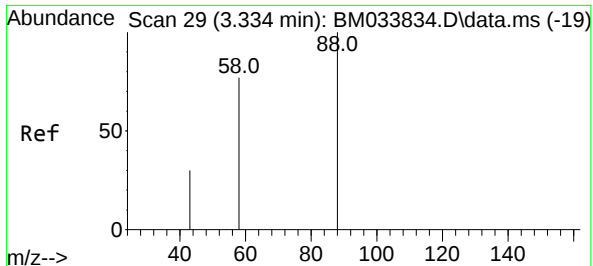
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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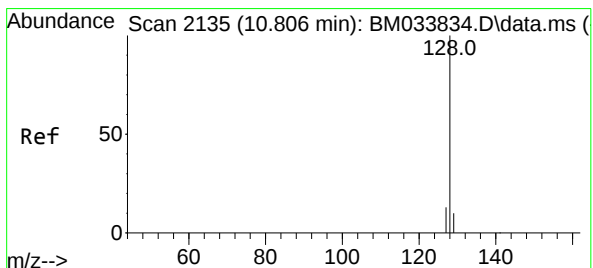
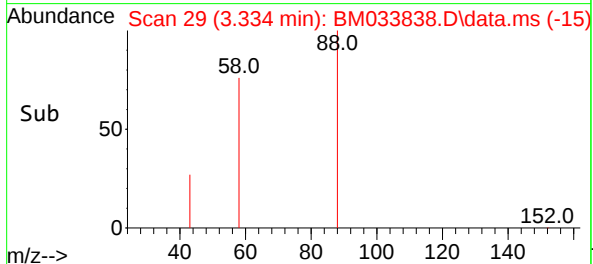
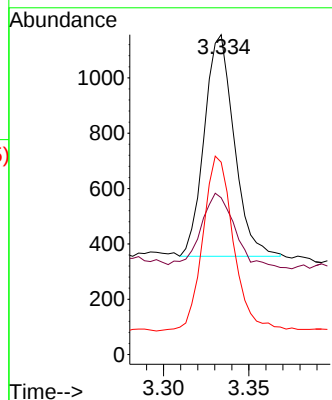
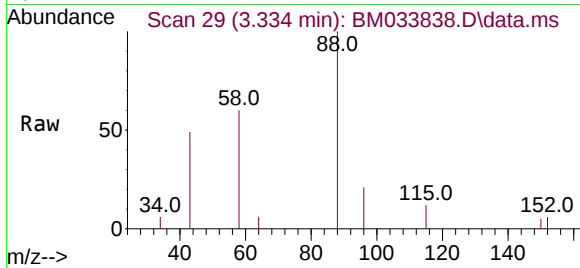




#2
1,4-Dioxane
Concen: 0.430 ng/ul
RT: 3.334 min Scan# 29
Delta R.T. -0.000 min
Lab File: BM033838.D
Acq: 24 Jan 2022 15:27

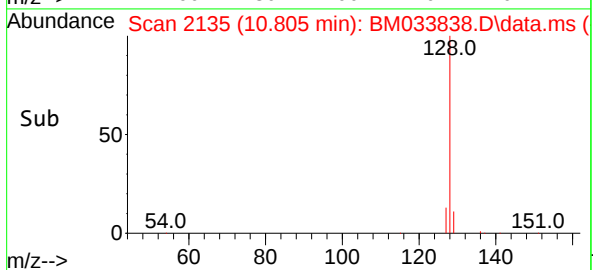
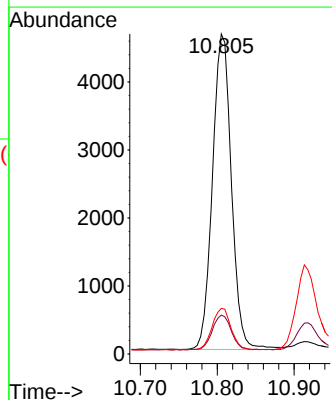
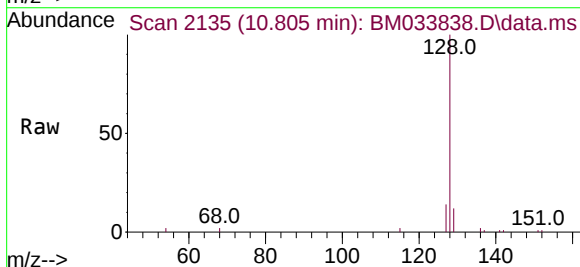
Instrument :
BNA_M
ClientSampleId :
SICV049

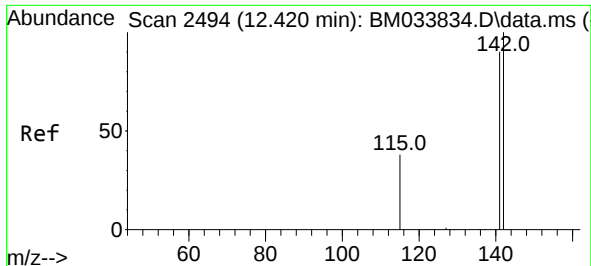
Tgt Ion: 88 Resp: 976
Ion Ratio Lower Upper
88 100
43 49.0 49.7 74.5#
58 60.1 52.5 78.7



#5
Naphthalene
Concen: 0.407 ng/ul
RT: 10.805 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM033838.D
Acq: 24 Jan 2022 15:27

Tgt Ion: 128 Resp: 7965
Ion Ratio Lower Upper
128 100
129 12.2 13.4 20.2#
127 14.2 15.2 22.8#

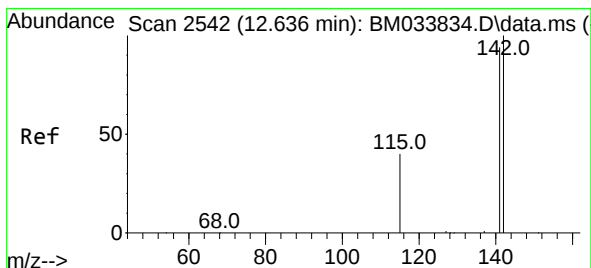
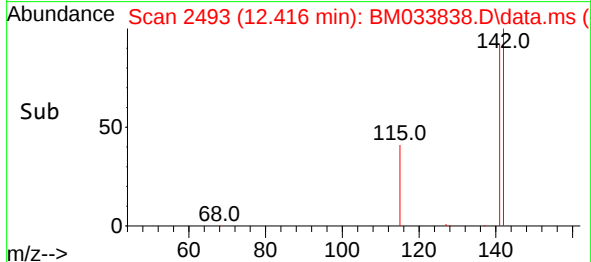
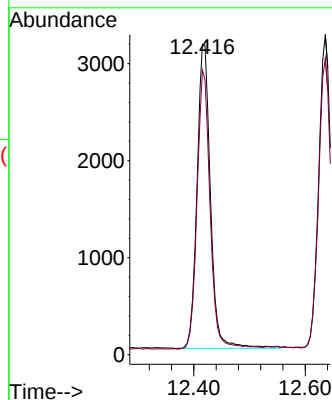
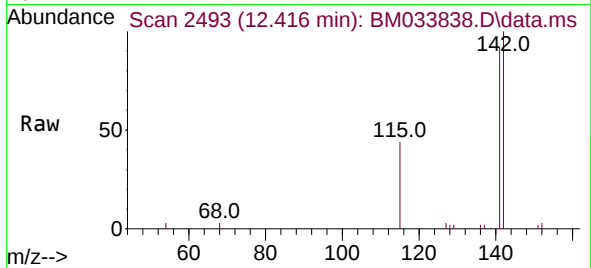




#7
2-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.416 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM033838.D
Acq: 24 Jan 2022 15:27

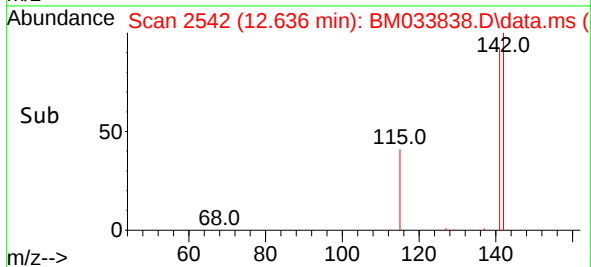
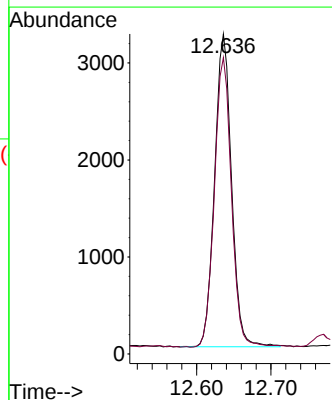
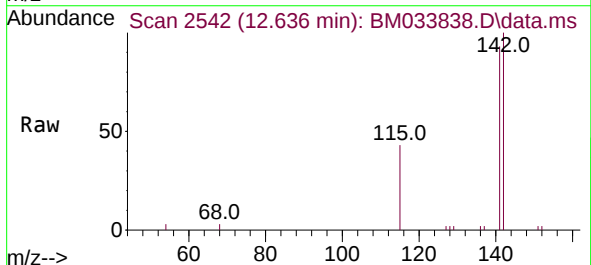
Instrument :
BNA_M
ClientSampleId :
SICV049

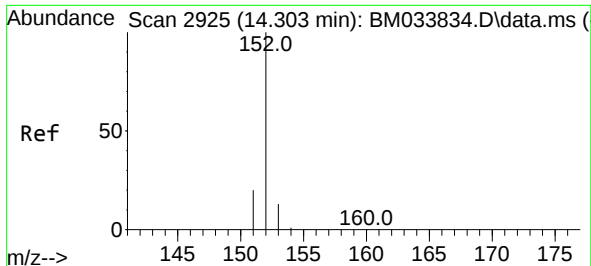
Tgt Ion:142 Resp: 5238
Ion Ratio Lower Upper
142 100
141 89.4 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.636 min Scan# 2542
Delta R.T. -0.000 min
Lab File: BM033838.D
Acq: 24 Jan 2022 15:27

Tgt Ion:142 Resp: 5092
Ion Ratio Lower Upper
142 100
141 93.9 75.0 112.4

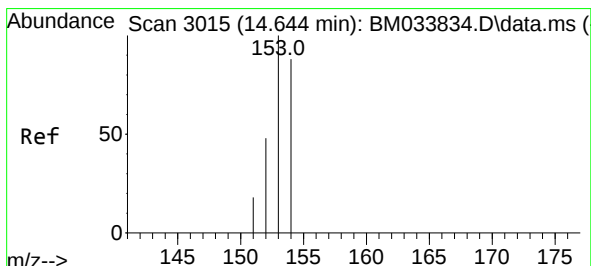
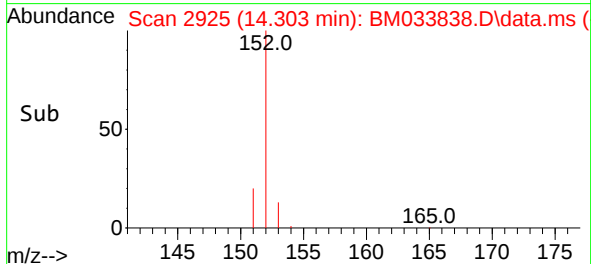
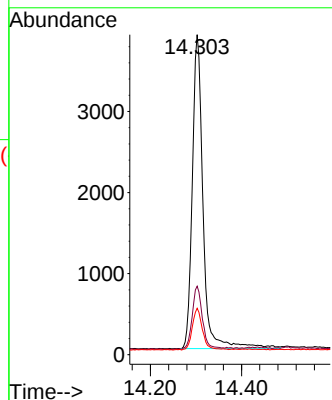
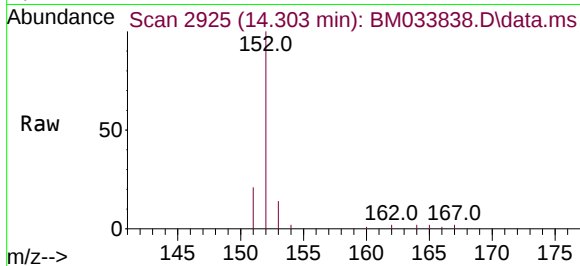




#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.303 min Scan# 2925
Delta R.T. -0.000 min
Lab File: BM033838.D
Acq: 24 Jan 2022 15:27

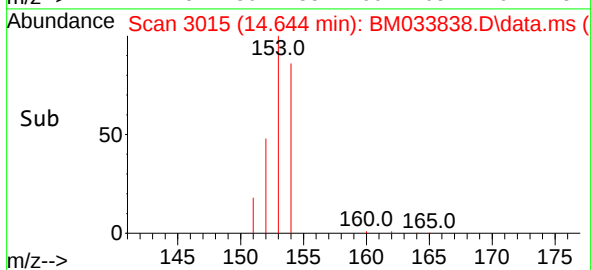
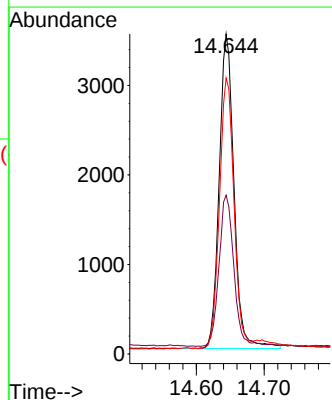
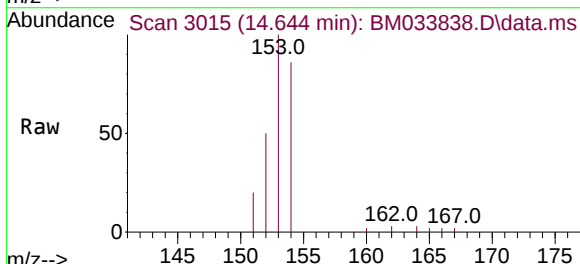
Instrument :
BNA_M
ClientSampleId :
SICV049

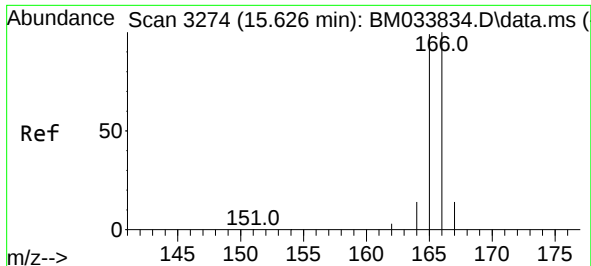
Tgt Ion:152 Resp: 6329
Ion Ratio Lower Upper
152 100
151 21.4 19.9 29.9
153 14.5 15.0 22.4#



#11
Acenaphthene
Concen: 0.415 ng/ul
RT: 14.644 min Scan# 3015
Delta R.T. -0.000 min
Lab File: BM033838.D
Acq: 24 Jan 2022 15:27

Tgt Ion:153 Resp: 5301
Ion Ratio Lower Upper
153 100
152 49.6 42.4 63.6
154 86.2 66.2 99.2

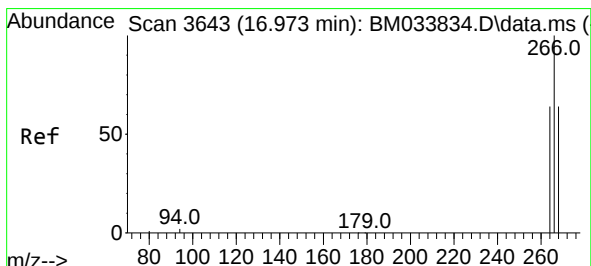
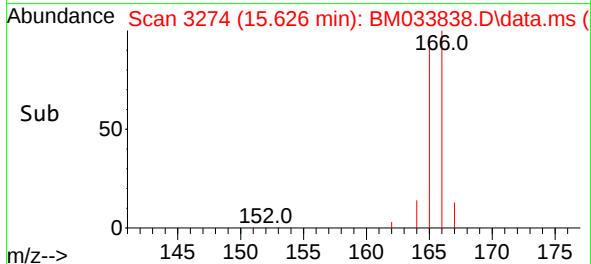
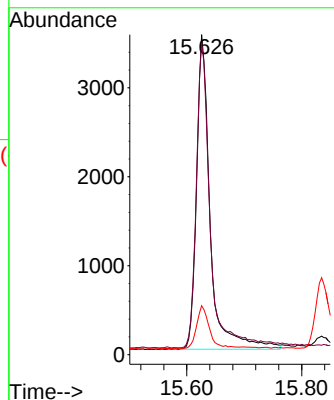
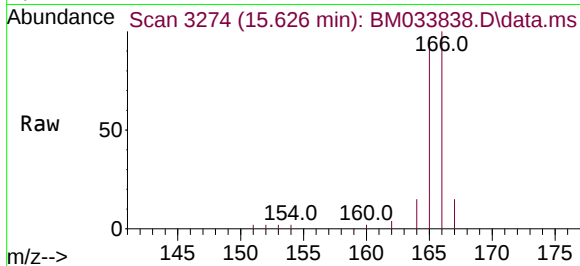




#12
 Fluorene
 Concen: 0.401 ng/ul
 RT: 15.626 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM033838.D
 Acq: 24 Jan 2022 15:27

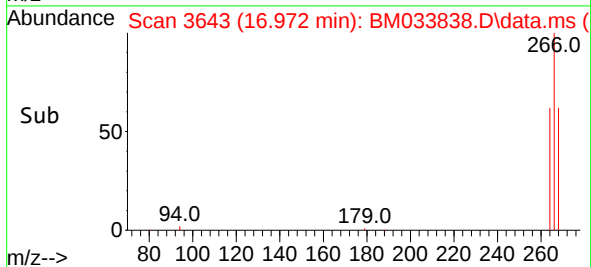
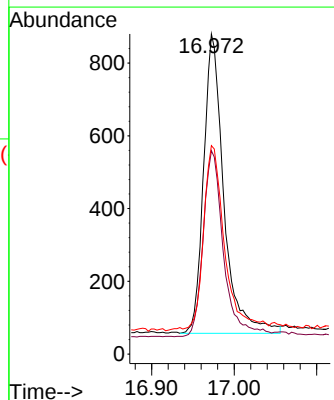
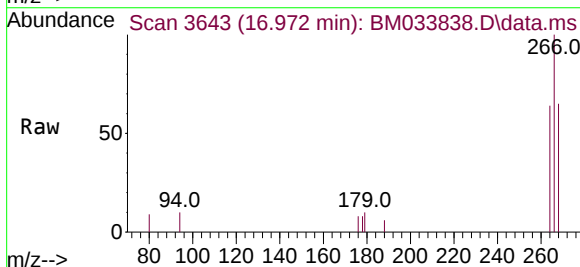
Instrument :
 BNA_M
 ClientSampleId :
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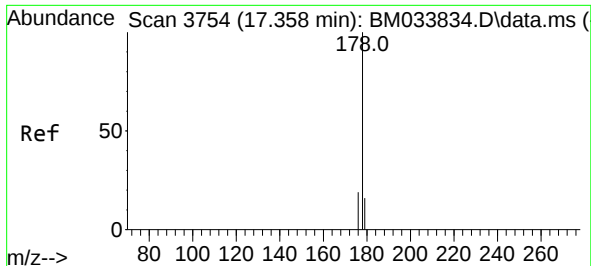
Tgt Ion:	166	Resp:	5839
Ion	Ratio	Lower	Upper
166	100		
165	97.3	81.1	121.7
167	15.3	14.9	22.3



#14
 Pentachlorophenol
 Concen: 0.417 ng/ul
 RT: 16.972 min Scan# 3643
 Delta R.T. -0.000 min
 Lab File: BM033838.D
 Acq: 24 Jan 2022 15:27

Tgt Ion:	266	Resp:	1401
Ion	Ratio	Lower	Upper
266	100		
264	62.5	51.4	77.0
268	62.3	53.1	79.7

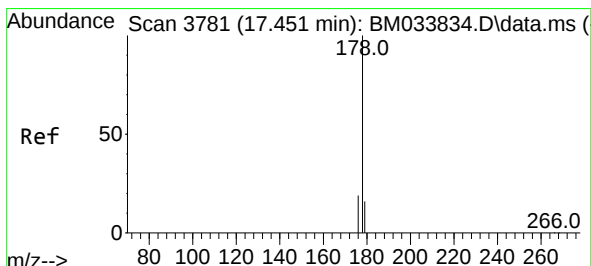
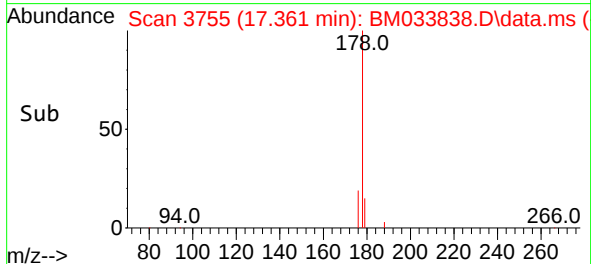
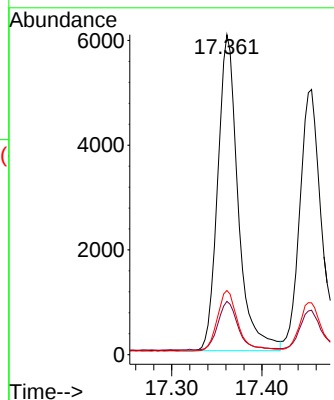
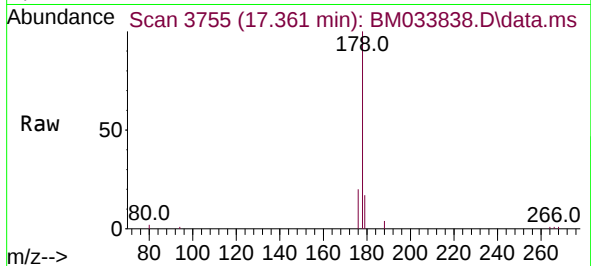




#15
Phenanthrene
Concen: 0.406 ng/u1
RT: 17.361 min Scan# 31
Delta R.T. 0.003 min
Lab File: BM033838.D
Acq: 24 Jan 2022 15:27

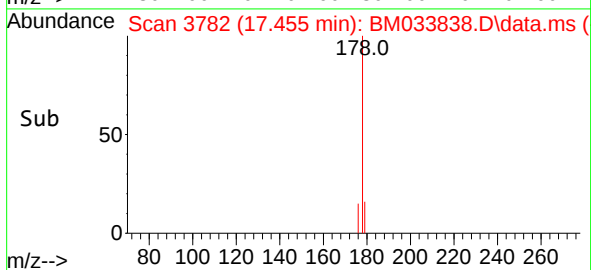
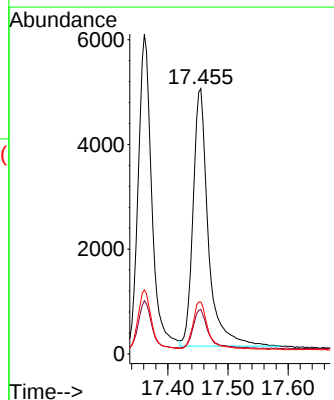
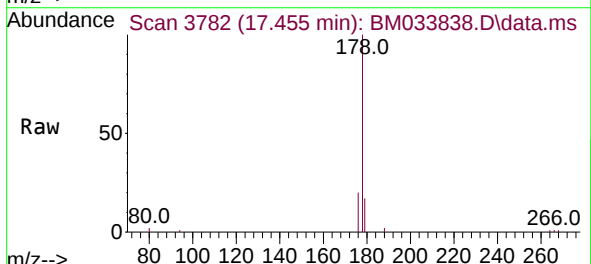
Instrument :
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SICV049

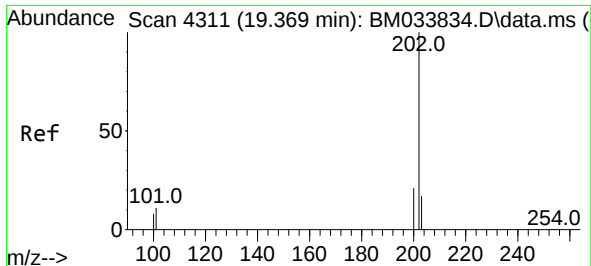
Tgt Ion:178 Resp: 9470
Ion Ratio Lower Upper
178 100
179 16.6 15.0 22.6
176 20.1 17.9 26.9



#16
Anthracene
Concen: 0.397 ng/u1
RT: 17.455 min Scan# 3782
Delta R.T. 0.003 min
Lab File: BM033838.D
Acq: 24 Jan 2022 15:27

Tgt Ion:178 Resp: 8670
Ion Ratio Lower Upper
178 100
179 16.8 16.5 24.7
176 19.5 18.3 27.5

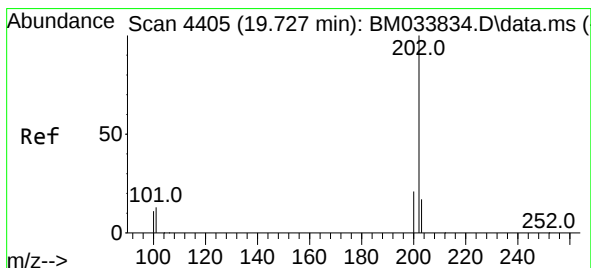
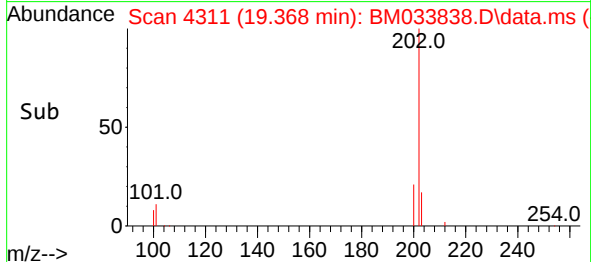
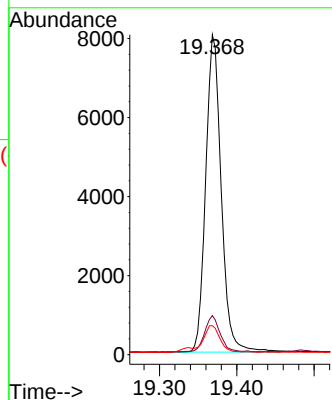
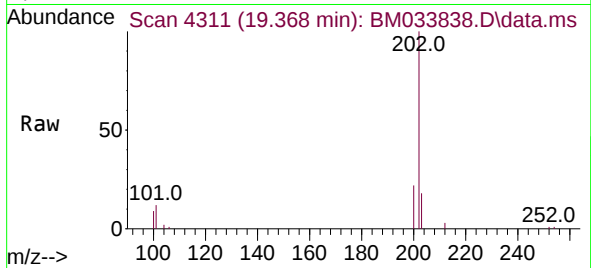




#19
Fluoranthene
Concen: 0.412 ng/ul
RT: 19.368 min Scan# 4311
Delta R.T. -0.000 min
Lab File: BM033838.D
Acq: 24 Jan 2022 15:27

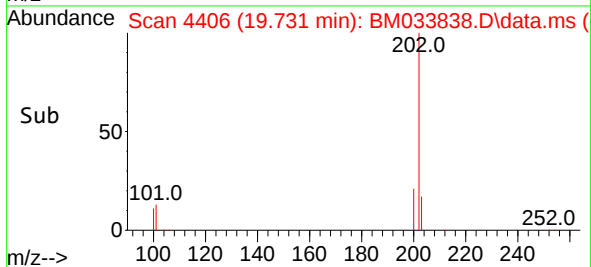
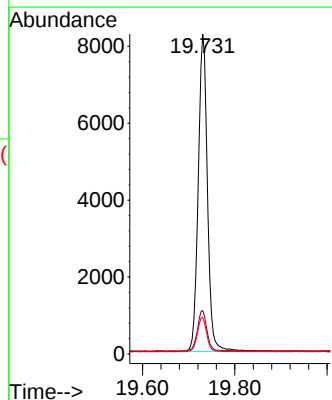
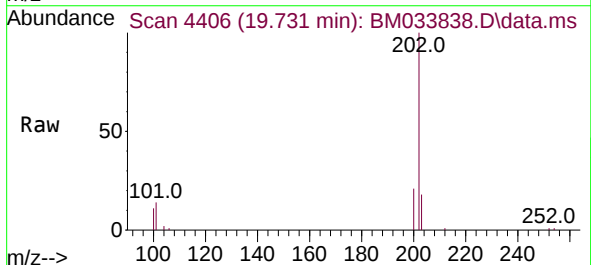
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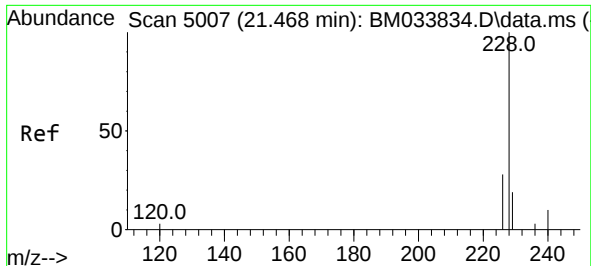
Tgt Ion:202 Resp: 11229
Ion Ratio Lower Upper
202 100
101 12.2 9.2 13.8
100 9.0 7.2 10.8



#20
Pyrene
Concen: 0.411 ng/ul
RT: 19.731 min Scan# 4406
Delta R.T. 0.004 min
Lab File: BM033838.D
Acq: 24 Jan 2022 15:27

Tgt Ion:202 Resp: 11461
Ion Ratio Lower Upper
202 100
101 13.6 9.3 13.9
100 11.4 7.8 11.6

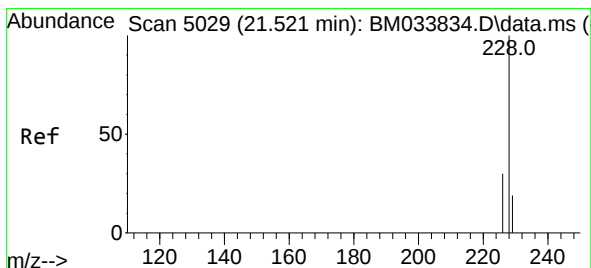
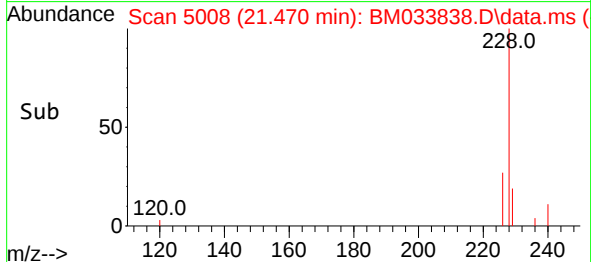
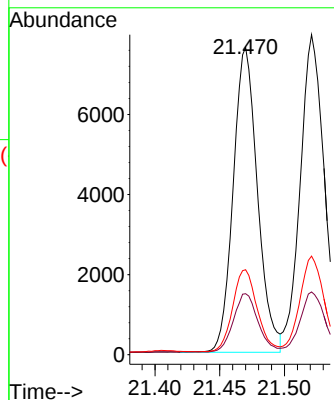
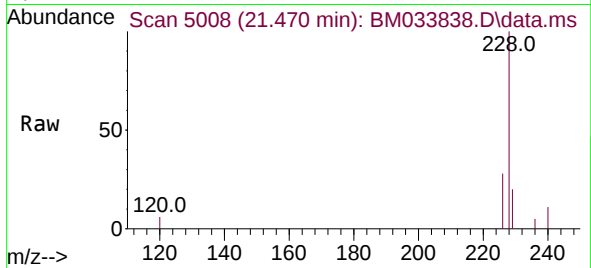




#21
Benzo(a)anthracene
Concen: 0.407 ng/ul
RT: 21.470 min Scan# 5007
Delta R.T. 0.002 min
Lab File: BM033838.D
Acq: 24 Jan 2022 15:27

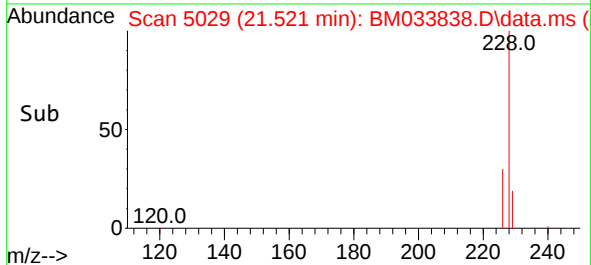
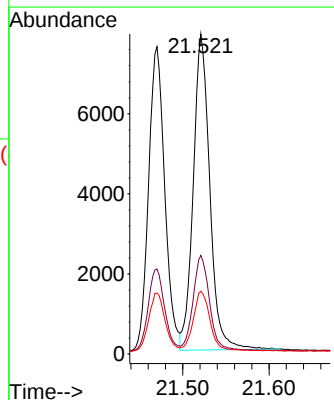
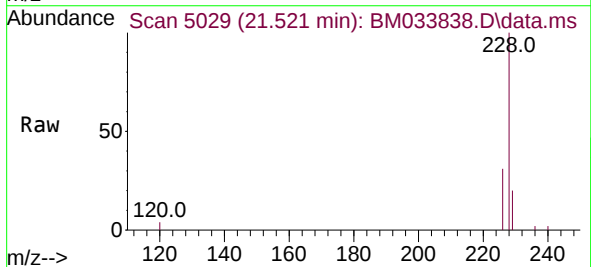
Instrument :
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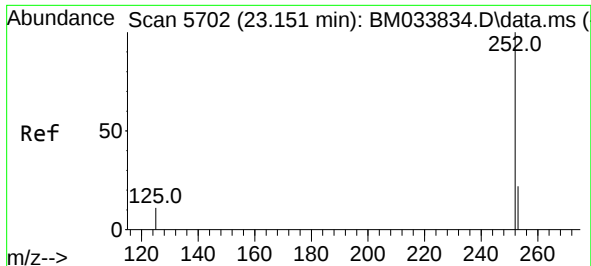
Tgt Ion:228 Resp: 9936
Ion Ratio Lower Upper
228 100
229 19.9 17.3 25.9
226 27.7 23.2 34.8



#22
Chrysene
Concen: 0.407 ng/ul
RT: 21.521 min Scan# 5029
Delta R.T. -0.000 min
Lab File: BM033838.D
Acq: 24 Jan 2022 15:27

Tgt Ion:228 Resp: 10531
Ion Ratio Lower Upper
228 100
226 30.8 25.8 38.8
229 19.6 16.7 25.1

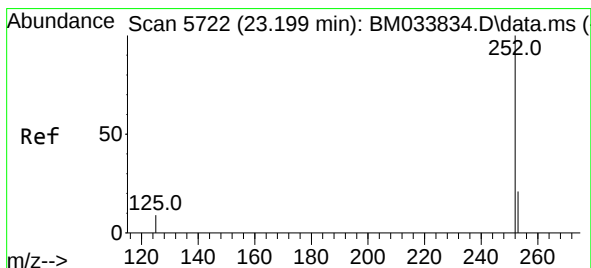
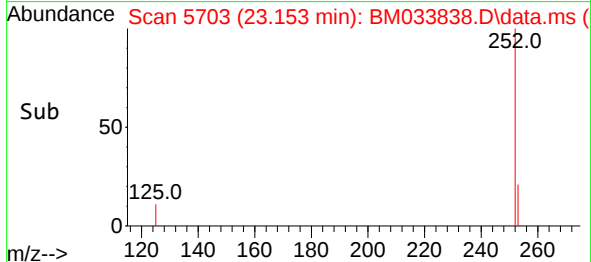
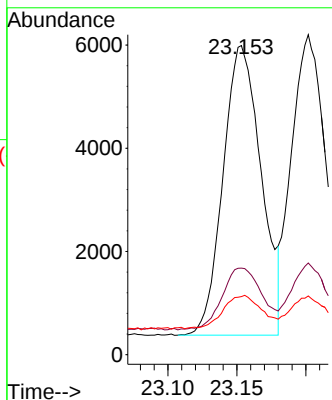
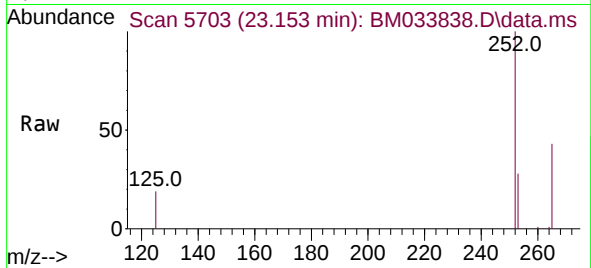




#24
Benzo(b)fluoranthene
Concen: 0.411 ng/ul
RT: 23.153 min Scan# 51
Delta R.T. 0.002 min
Lab File: BM033838.D
Acq: 24 Jan 2022 15:27

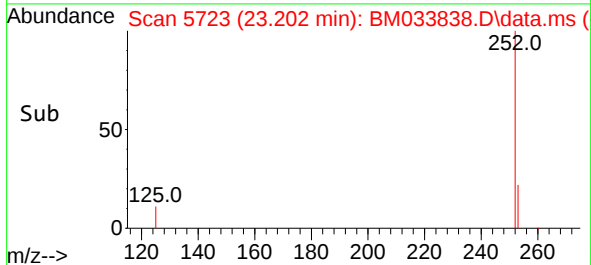
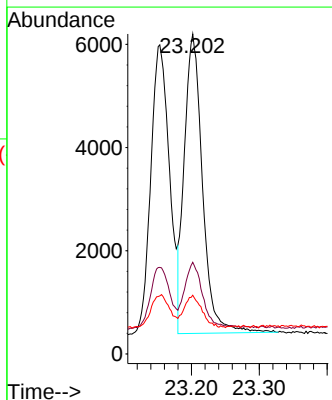
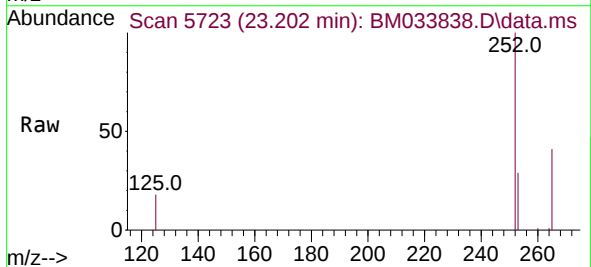
Instrument :
BNA_M
ClientSampleId :
SICV049

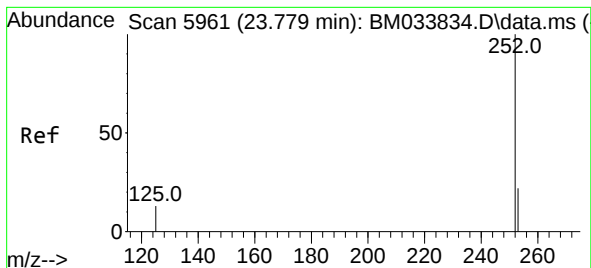
Tgt Ion:252 Resp: 10811
Ion Ratio Lower Upper
252 100
253 28.0 0.0 64.2
125 18.8 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.410 ng/ul
RT: 23.202 min Scan# 5723
Delta R.T. 0.002 min
Lab File: BM033838.D
Acq: 24 Jan 2022 15:27

Tgt Ion:252 Resp: 10813
Ion Ratio Lower Upper
252 100
253 28.7 26.8 40.2
125 18.3 12.0 18.0#





#26

Benzo(a)pyrene

Concen: 0.404 ng/ul

RT: 23.781 min Scan# 5961

Delta R.T. 0.002 min

Lab File: BM033838.D

Acq: 24 Jan 2022 15:27

Instrument :

BNA_M

ClientSampleId :

SICV049

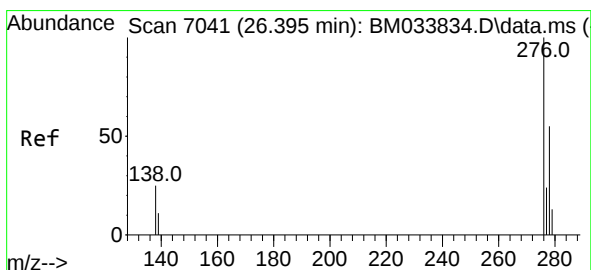
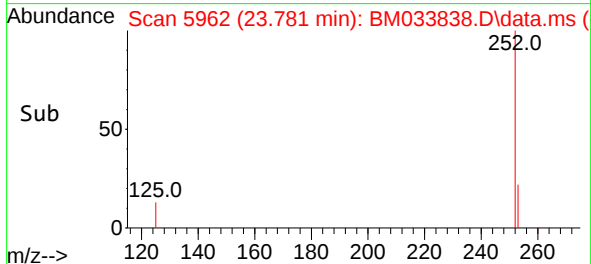
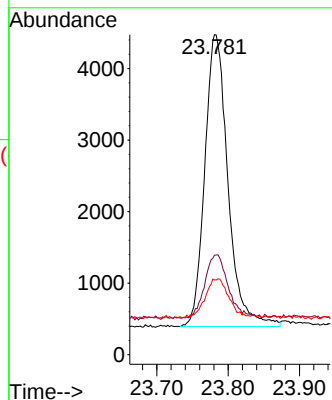
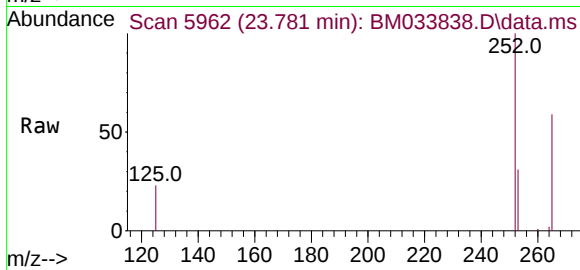
Tgt Ion:252 Resp: 9225

Ion Ratio Lower Upper

252 100

253 31.1 32.0 48.0#

125 23.4 14.5 21.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.409 ng/ul

RT: 26.395 min Scan# 7041

Delta R.T. -0.000 min

Lab File: BM033838.D

Acq: 24 Jan 2022 15:27

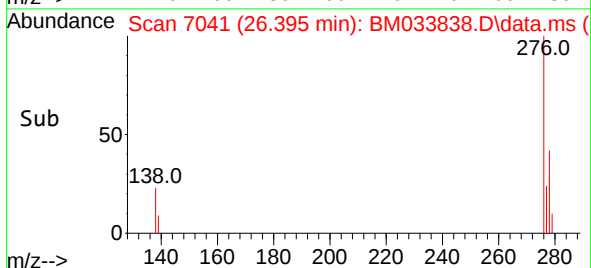
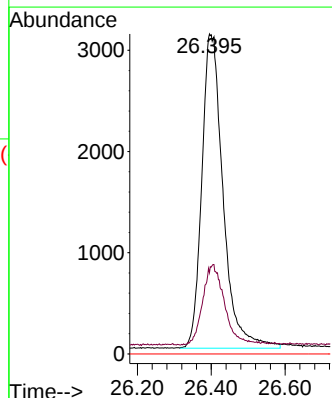
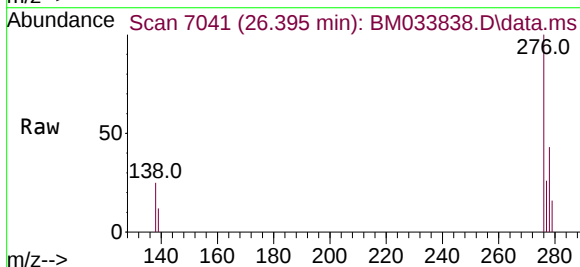
Tgt Ion:276 Resp: 12434

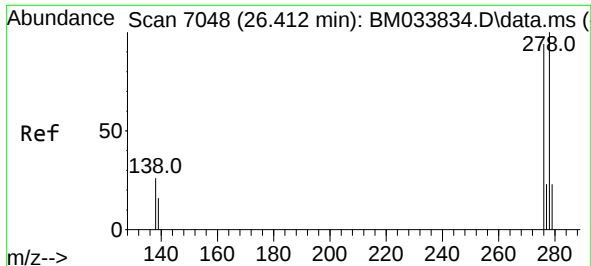
Ion Ratio Lower Upper

276 100

138 25.7 15.8 23.6#

227 0.0 0.0 0.0

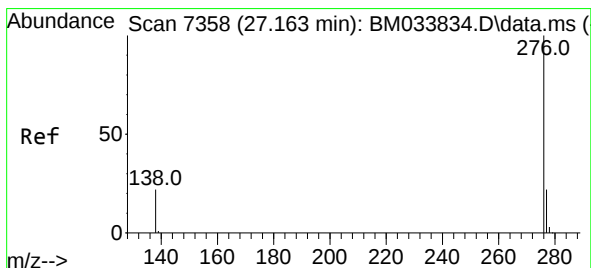
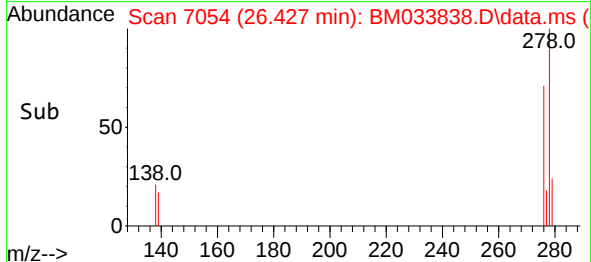
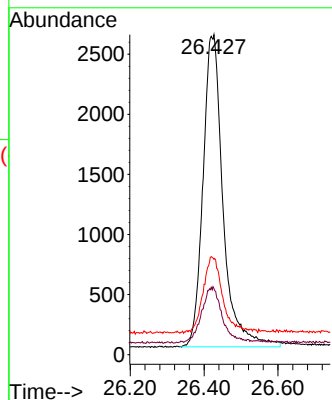
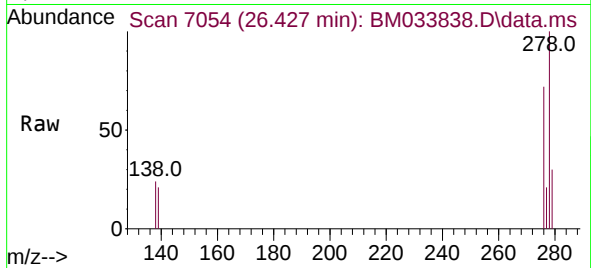




#28
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 26.427 min Scan# 7048
Delta R.T. 0.014 min
Lab File: BM033838.D
Acq: 24 Jan 2022 15:27

Instrument :
BNA_M
ClientSampleId :
SICV049

Tgt Ion:278 Resp: 9778
Ion Ratio Lower Upper
278 100
139 20.7 18.0 27.0
279 29.8 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 0.413 ng/ul
RT: 27.163 min Scan# 7358
Delta R.T. -0.000 min
Lab File: BM033838.D
Acq: 24 Jan 2022 15:27

Tgt Ion:276 Resp: 10658
Ion Ratio Lower Upper
276 100
138 25.8 17.4 26.0
277 25.0 22.6 33.8

