

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030322\
 Data File : BM034126.D
 Acq On : 03 Mar 2022 15:31
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV007

Quant Time: Mar 03 16:35:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 03 14:59:52 2022
 Response via : Initial Calibration

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

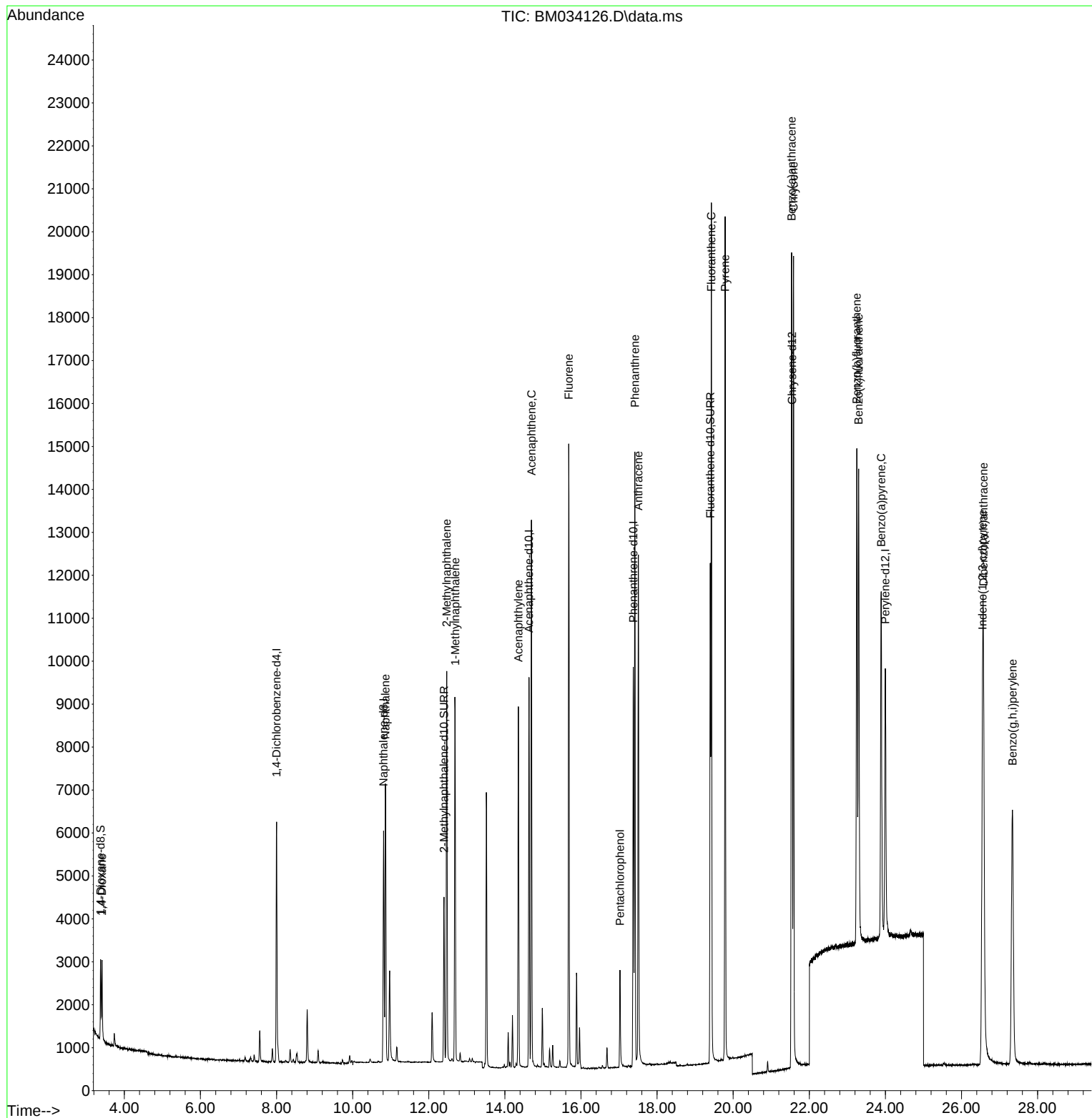
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	2845	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	7607	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.634	164	4991	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	11799	0.400	ng/ul #	0.00
17) Chrysene-d12	21.548	240	10677	0.400	ng/ul #	0.00
23) Perylene-d12	23.997	264	9202	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.377	96	1307	0.395	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	4963	0.424	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	13518	0.420	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	1272	0.396	ng/ul#	65
5) Naphthalene	10.862	128	8893	0.425	ng/ul#	89
7) 2-Methylnaphthalene	12.473	142	6412	0.434	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	5975	0.407	ng/ul	98
10) Acenaphthylene	14.356	152	9470	0.450	ng/ul#	90
11) Acenaphthene	14.699	153	7246	0.426	ng/ul	94
12) Fluorene	15.679	166	8950	0.434	ng/ul#	98
14) Pentachlorophenol	17.025	266	1604	0.424	ng/ul	96
15) Phenanthrene	17.417	178	15130	0.425	ng/ul	94
16) Anthracene	17.510	178	13695	0.424	ng/ul#	91
19) Fluoranthene	19.427	202	17873	0.408	ng/ul#	89
20) Pyrene	19.789	202	17901	0.408	ng/ul#	91
21) Benzo(a)anthracene	21.533	228	15155	0.407	ng/ul	96
22) Chrysene	21.586	228	16795	0.425	ng/ul	97
24) Benzo(b)fluoranthene	23.249	252	16494	0.440	ng/ul	89
25) Benzo(k)fluoranthene	23.298	252	16242	0.426	ng/ul#	87
26) Benzo(a)pyrene	23.889	252	14345	0.453	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.552	276	17257	0.391	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.576	278	14275	0.396	ng/ul#	85
29) Benzo(g,h,i)perylene	27.341	276	15463	0.399	ng/ul#	92

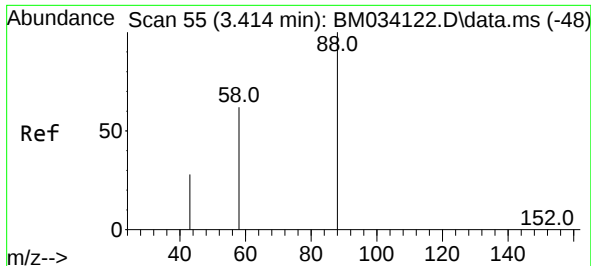
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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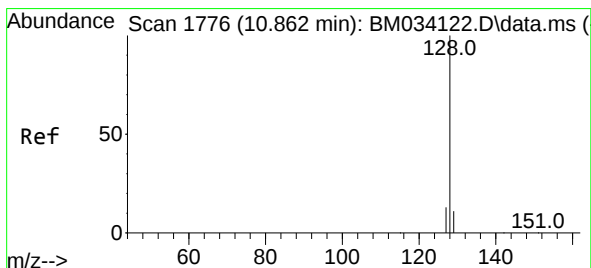
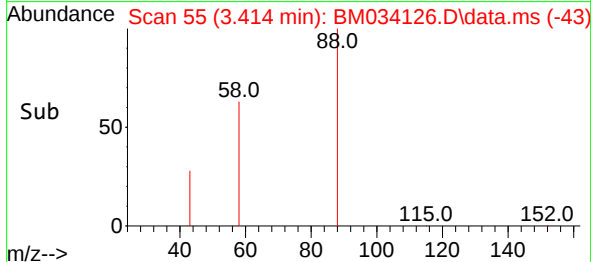
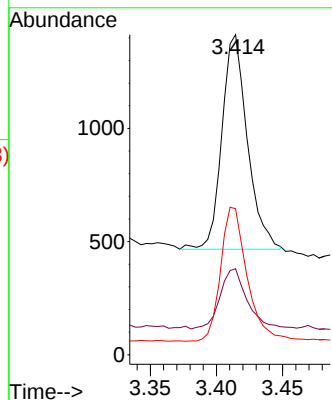
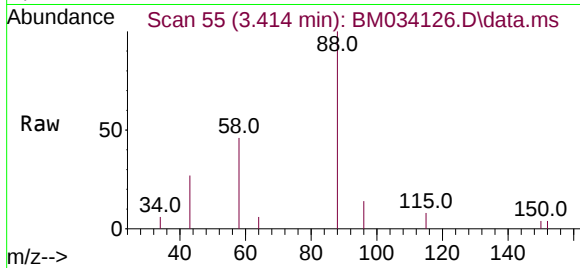




#2
1,4-Dioxane
Concen: 0.396 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

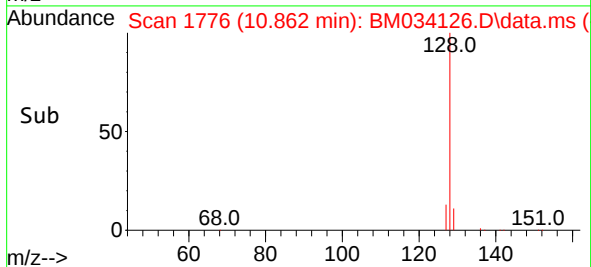
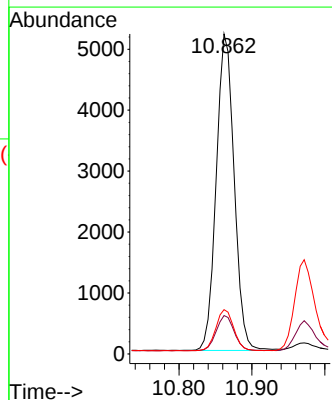
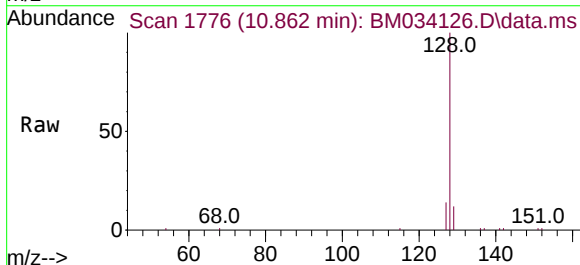
Instrument :
BNA_M
ClientSampleId :
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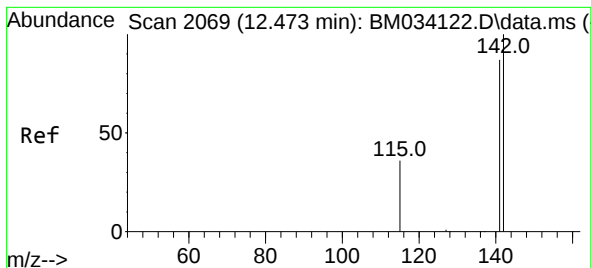
Tgt Ion: 88 Resp: 1272
Ion Ratio Lower Upper
88 100
43 26.9 49.7 74.5#
58 45.6 52.5 78.7#



#5
Naphthalene
Concen: 0.425 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

Tgt Ion: 128 Resp: 8893
Ion Ratio Lower Upper
128 100
129 12.0 13.4 20.2#
127 13.9 15.2 22.8#

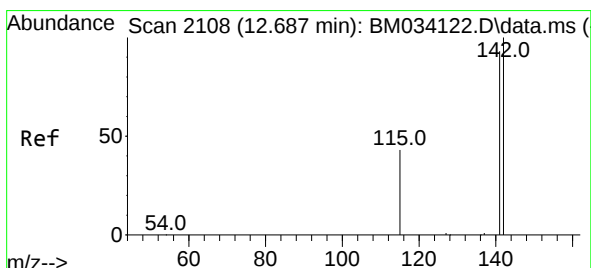
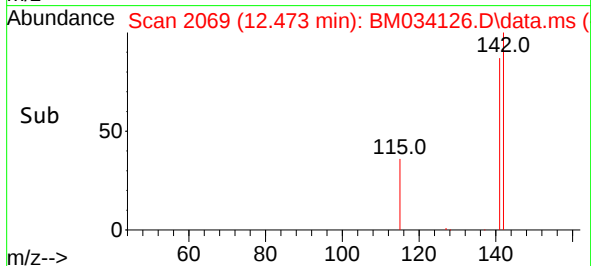
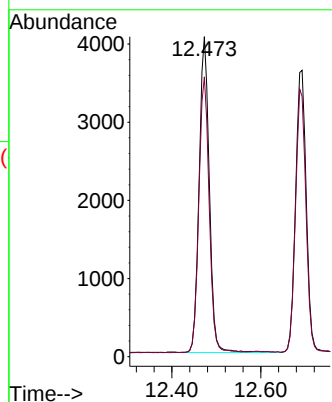
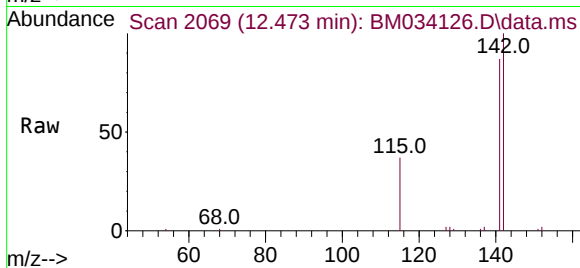




#7
2-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

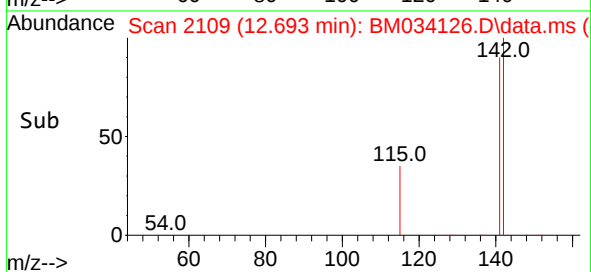
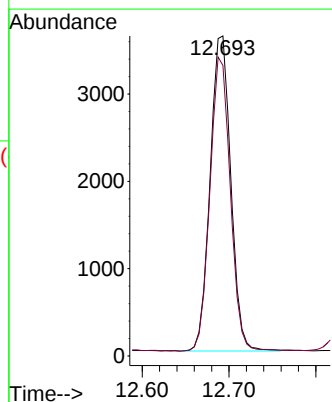
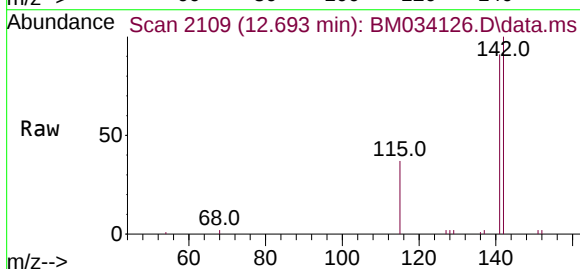
Instrument :
BNA_M
ClientSampleId :
SICV007

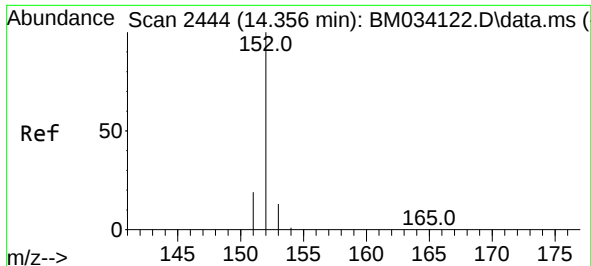
Tgt Ion:142 Resp: 6412
Ion Ratio Lower Upper
142 100
141 88.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

Tgt Ion:142 Resp: 5975
Ion Ratio Lower Upper
142 100
141 91.8 75.0 112.4

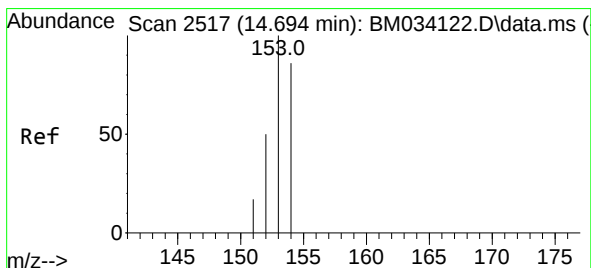
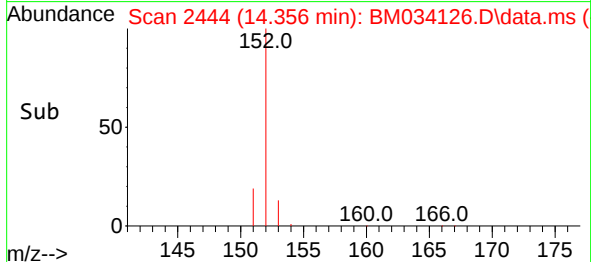
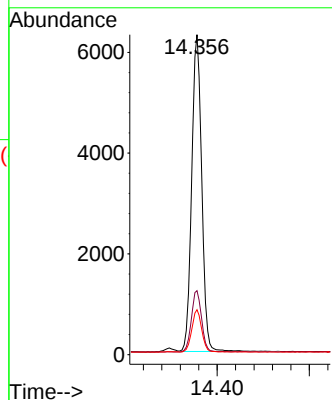
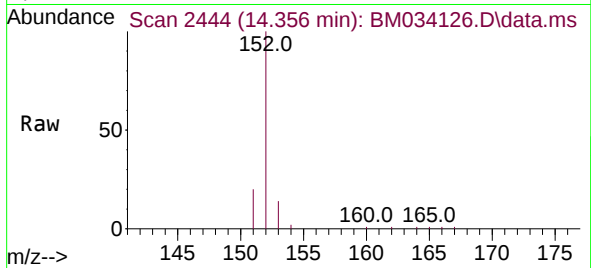




#10
Acenaphthylene
Concen: 0.450 ng/u1
RT: 14.356 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

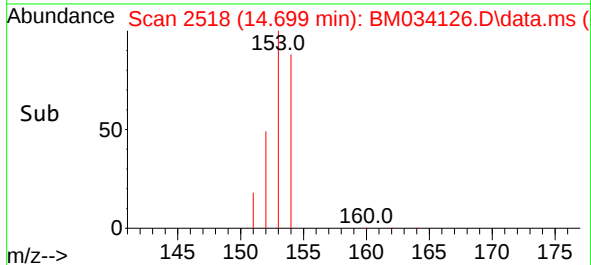
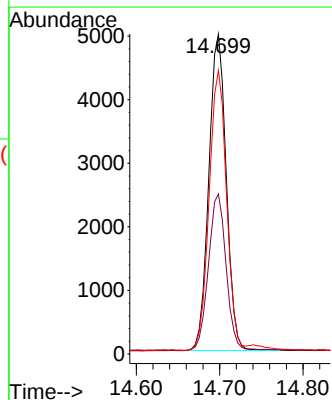
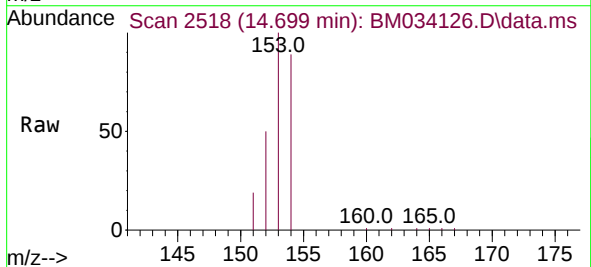
Instrument :
BNA_M
ClientSampleId :
SICV007

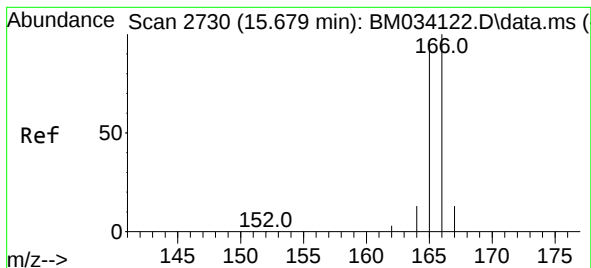
Tgt Ion:152 Resp: 9470
Ion Ratio Lower Upper
152 100
151 20.0 19.9 29.9
153 14.0 15.0 22.4#



#11
Acenaphthene
Concen: 0.426 ng/u1
RT: 14.699 min Scan# 2518
Delta R.T. 0.005 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

Tgt Ion:153 Resp: 7246
Ion Ratio Lower Upper
153 100
152 50.0 42.4 63.6
154 88.5 66.2 99.2





#12

Fluorene

Concen: 0.434 ng/ul

RT: 15.679 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM034126.D

Acq: 03 Mar 2022 15:31

Instrument :

BNA_M

ClientSampleId :

SICV007

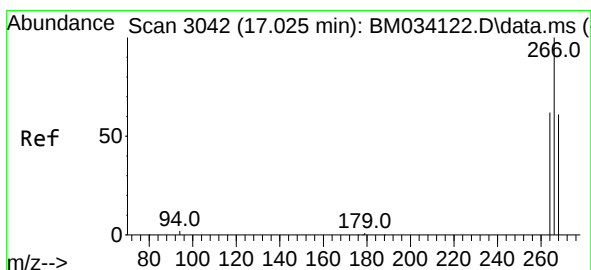
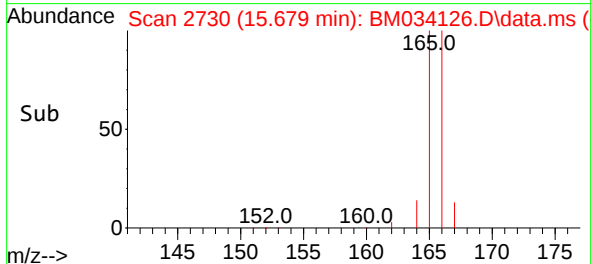
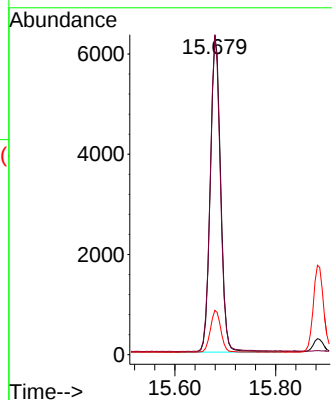
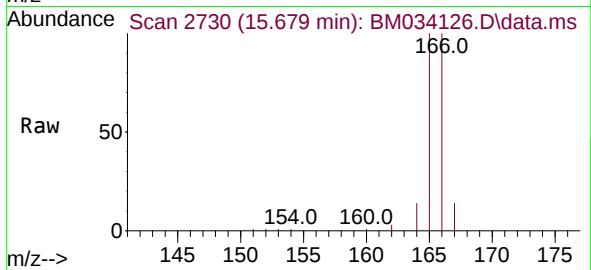
Tgt Ion:166 Resp: 8950

Ion Ratio Lower Upper

166 100

165 100.5 81.1 121.7

167 13.9 14.9 22.3#



#14

Pentachlorophenol

Concen: 0.424 ng/ul

RT: 17.025 min Scan# 3042

Delta R.T. 0.000 min

Lab File: BM034126.D

Acq: 03 Mar 2022 15:31

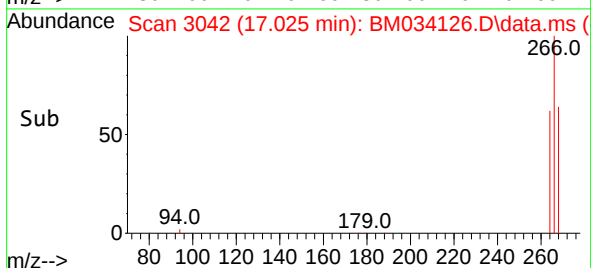
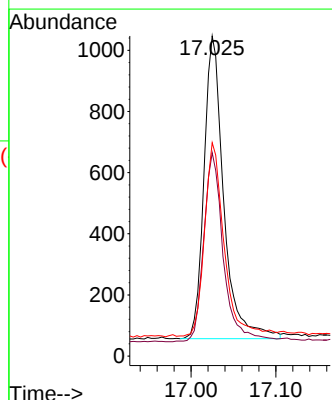
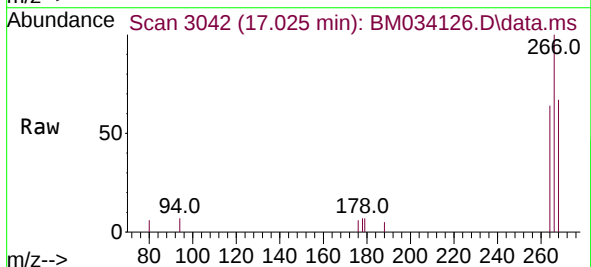
Tgt Ion:266 Resp: 1604

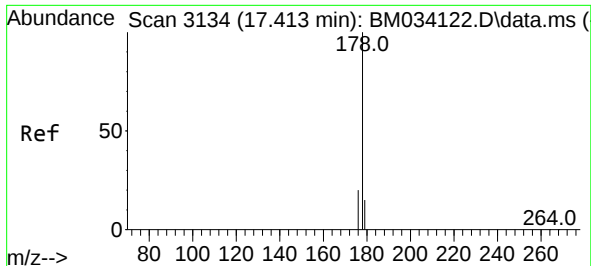
Ion Ratio Lower Upper

266 100

264 61.3 51.4 77.0

268 63.4 53.1 79.7

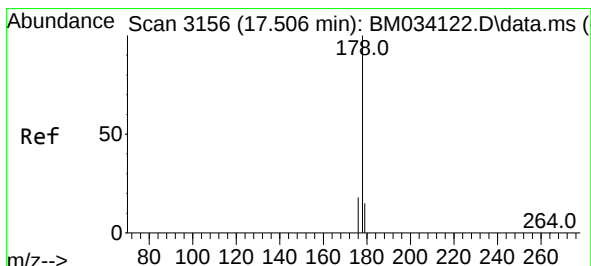
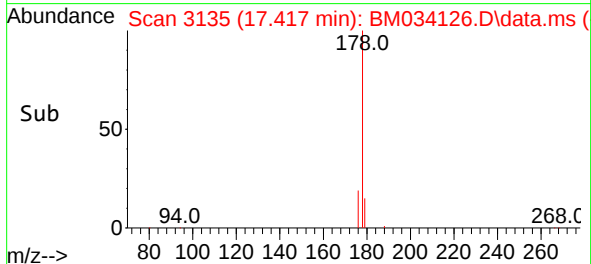
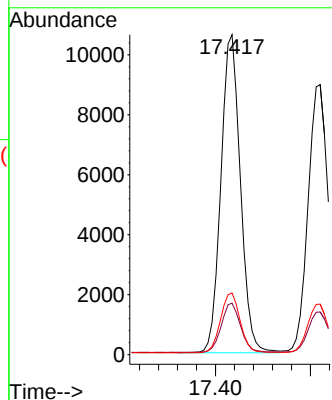
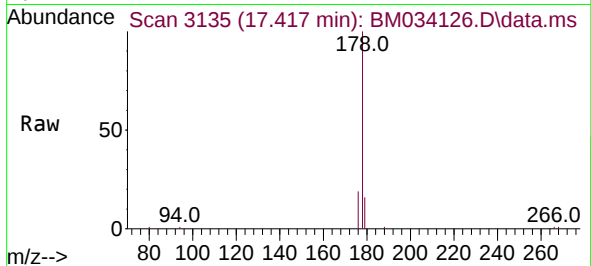




#15
Phenanthrene
Concen: 0.425 ng/ul
RT: 17.417 min Scan# 3135
Delta R.T. 0.004 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

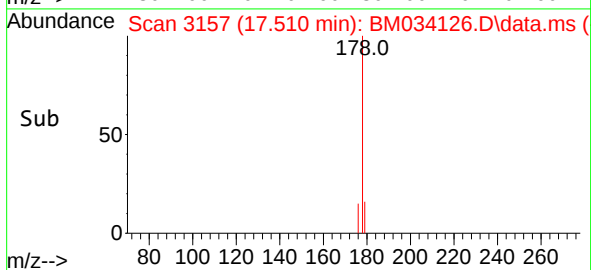
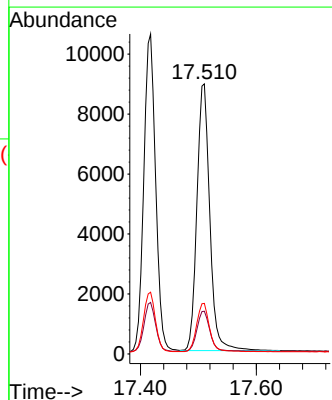
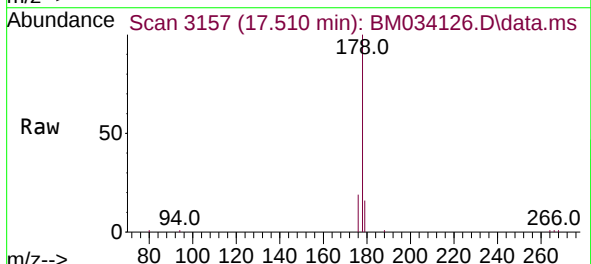
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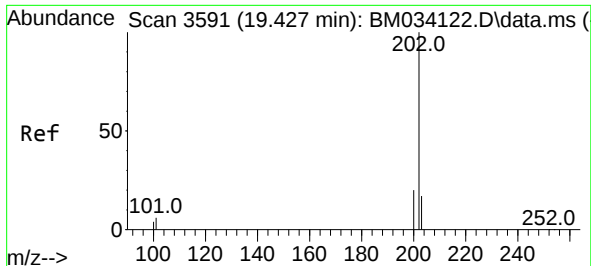
Tgt Ion:178 Resp: 15130
Ion Ratio Lower Upper
178 100
179 16.1 15.0 22.6
176 19.3 17.9 26.9



#16
Anthracene
Concen: 0.424 ng/ul
RT: 17.510 min Scan# 3157
Delta R.T. 0.004 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

Tgt Ion:178 Resp: 13695
Ion Ratio Lower Upper
178 100
179 15.8 16.5 24.7#
176 18.7 18.3 27.5

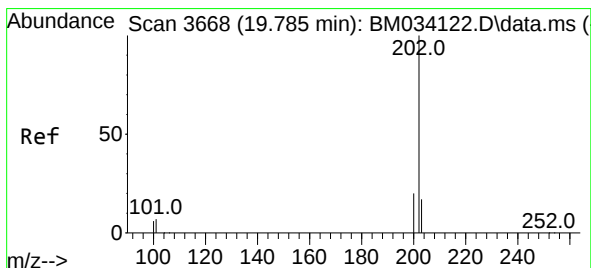
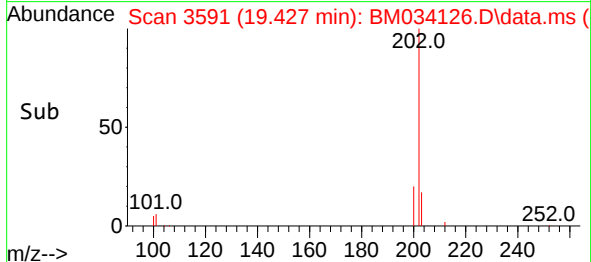
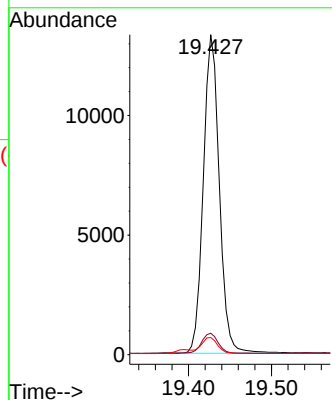
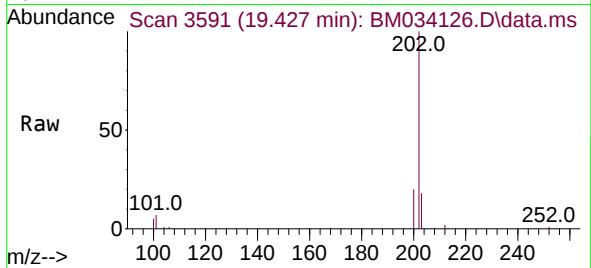




#19
Fluoranthene
Concen: 0.408 ng/ul
RT: 19.427 min Scan# 3591
Delta R.T. 0.000 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

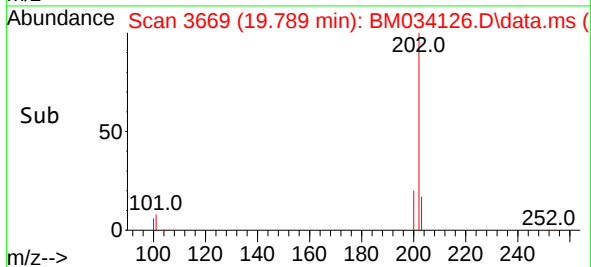
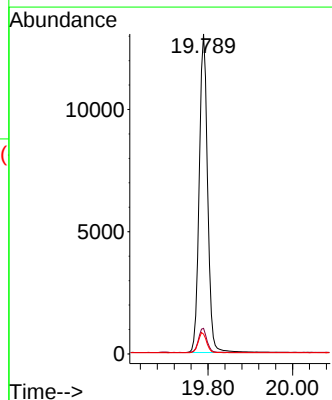
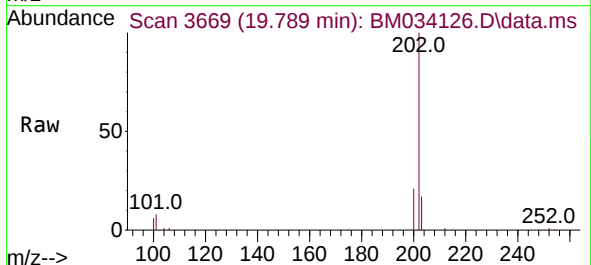
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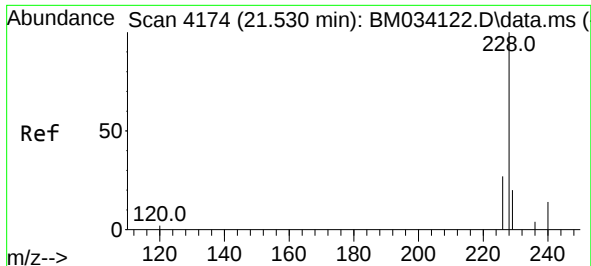
Tgt Ion:202 Resp: 17873
Ion Ratio Lower Upper
202 100
101 6.7 9.2 13.8#
100 5.3 7.2 10.8#



#20
Pyrene
Concen: 0.408 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

Tgt Ion:202 Resp: 17901
Ion Ratio Lower Upper
202 100
101 8.0 9.3 13.9#
100 6.2 7.8 11.6#

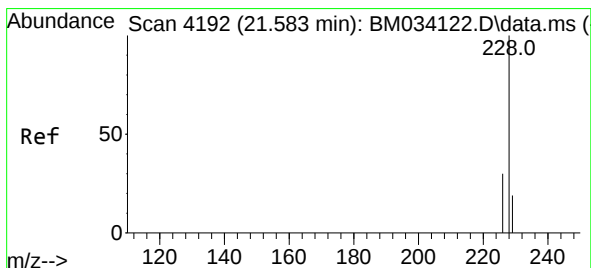
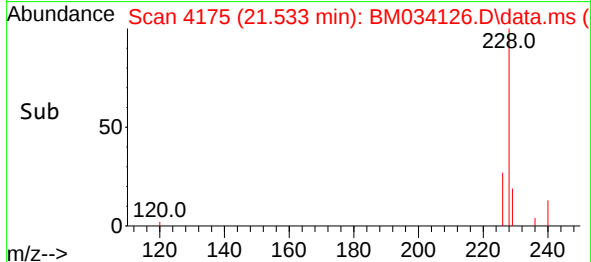
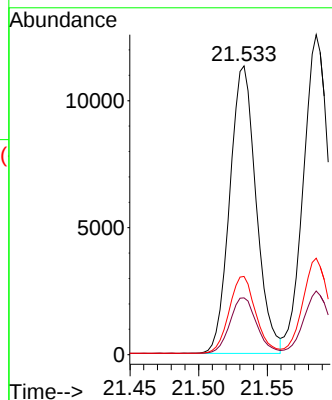
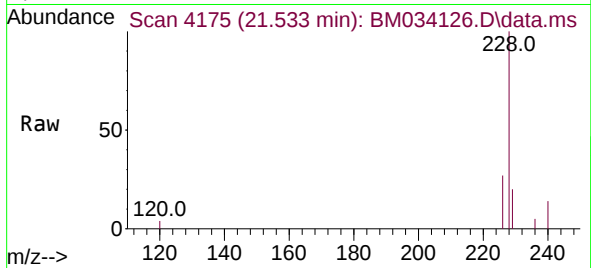




#21
Benzo(a)anthracene
Concen: 0.407 ng/ul
RT: 21.533 min Scan# 4174
Delta R.T. 0.003 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

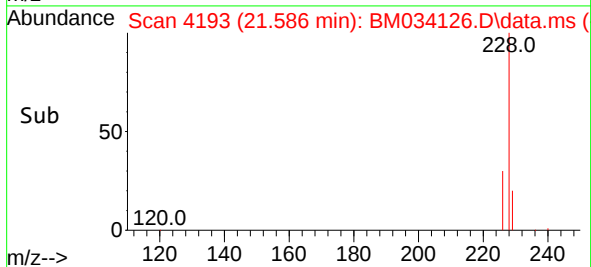
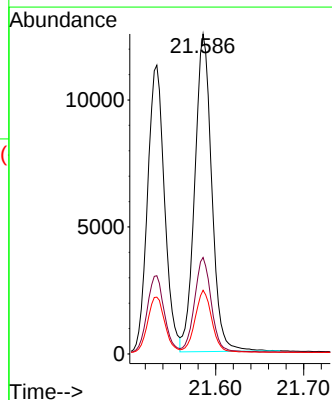
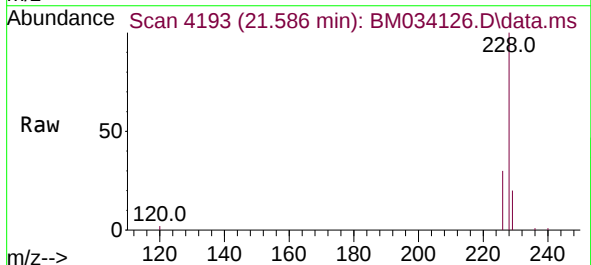
Instrument :
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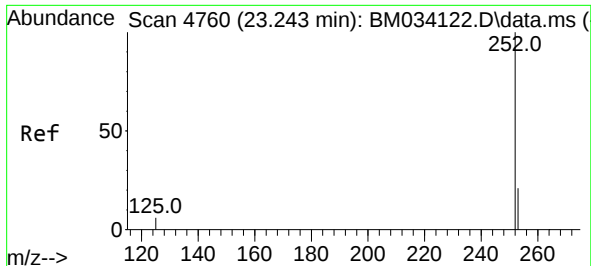
Tgt Ion:228 Resp: 15155
Ion Ratio Lower Upper
228 100
229 19.7 17.3 25.9
226 27.1 23.2 34.8



#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.586 min Scan# 4193
Delta R.T. 0.003 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

Tgt Ion:228 Resp: 16795
Ion Ratio Lower Upper
228 100
226 30.1 25.8 38.8
229 19.9 16.7 25.1

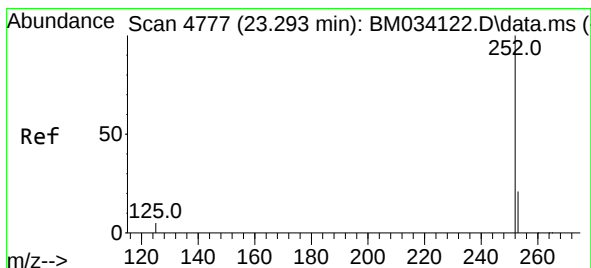
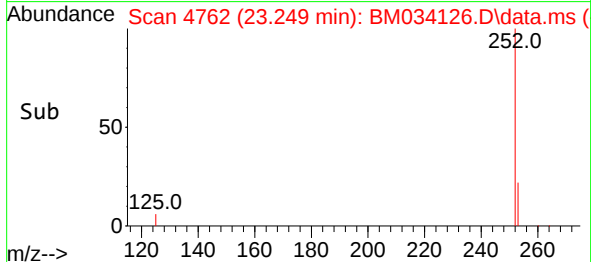
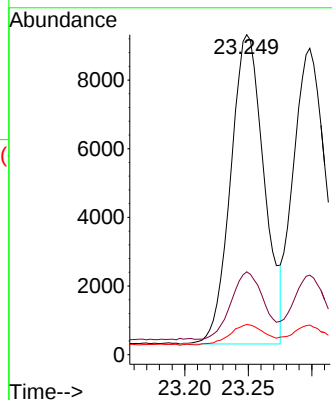
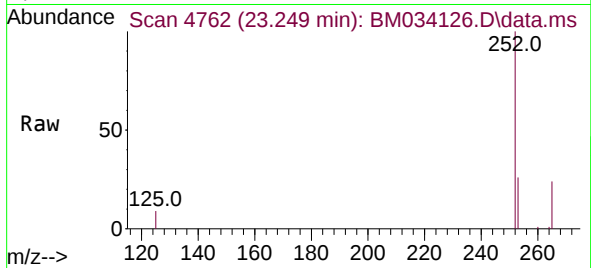




#24
Benzo(b)fluoranthene
Concen: 0.440 ng/ul
RT: 23.249 min Scan# 4762
Delta R.T. 0.006 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

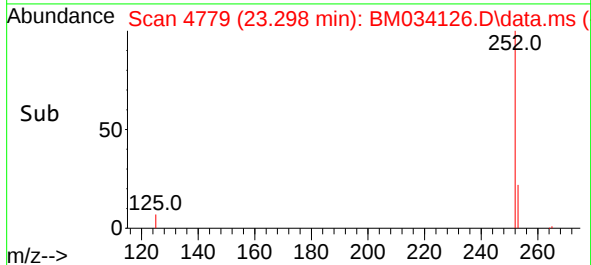
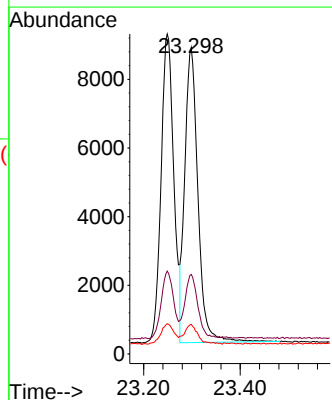
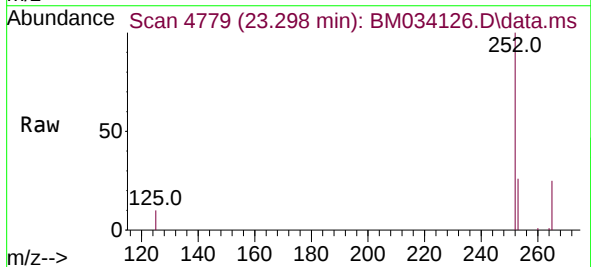
Instrument :
BNA_M
ClientSampleId :
SICV007

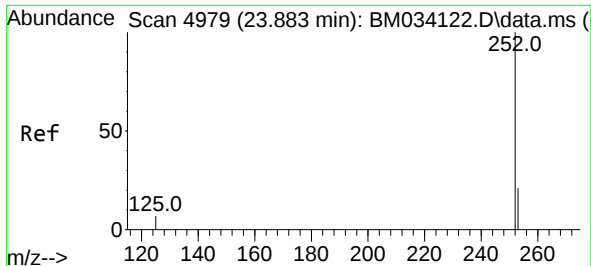
Tgt Ion:252 Resp: 16494
Ion Ratio Lower Upper
252 100
253 25.9 0.0 64.2
125 9.5 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.426 ng/ul
RT: 23.298 min Scan# 4779
Delta R.T. 0.006 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

Tgt Ion:252 Resp: 16242
Ion Ratio Lower Upper
252 100
253 25.9 26.8 40.2#
125 9.6 12.0 18.0#

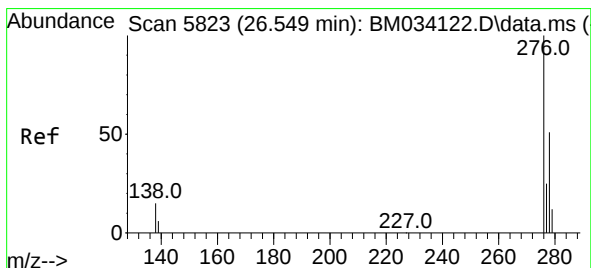
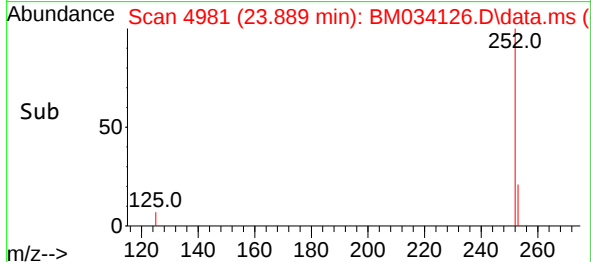
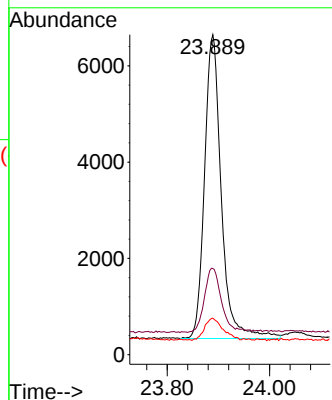
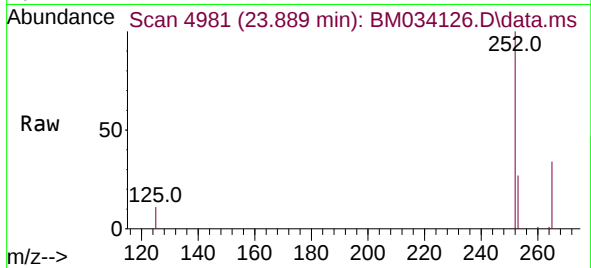




#26
Benzo(a)pyrene
Concen: 0.453 ng/ul
RT: 23.889 min Scan# 4981
Delta R.T. 0.006 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

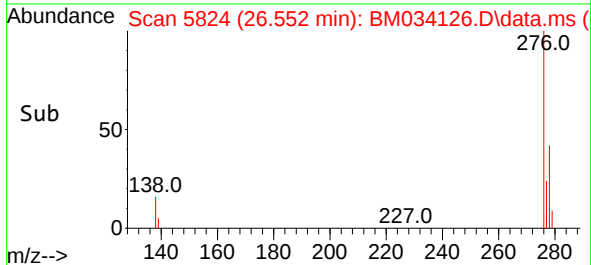
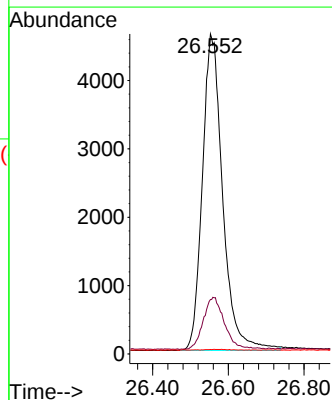
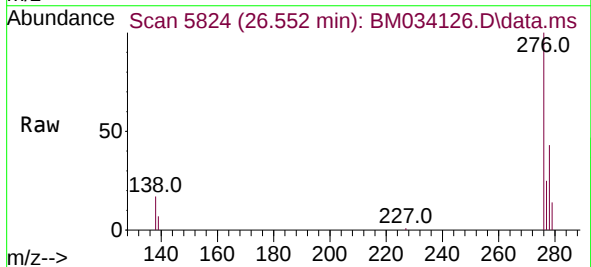
Instrument :
BNA_M
ClientSampleId :
SICV007

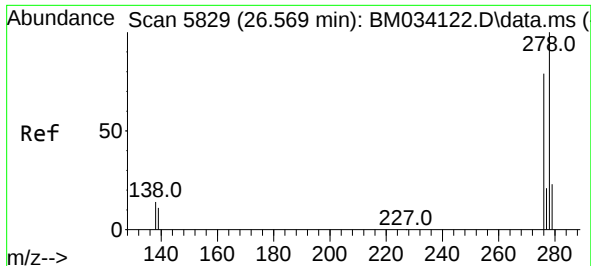
Tgt Ion:252 Resp: 14345
Ion Ratio Lower Upper
252 100
253 27.0 32.0 48.0#
125 11.4 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng/ul
RT: 26.552 min Scan# 5824
Delta R.T. 0.004 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

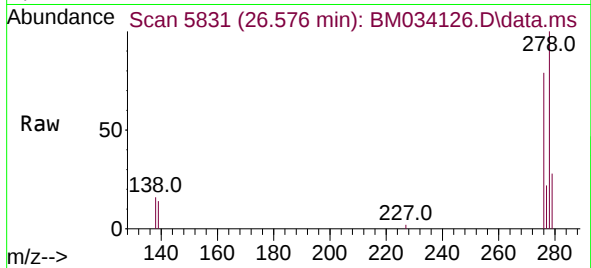
Tgt Ion:276 Resp: 17257
Ion Ratio Lower Upper
276 100
138 16.9 15.8 23.6
227 0.2 0.0 0.0#



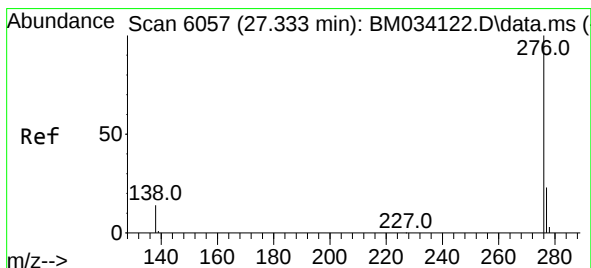
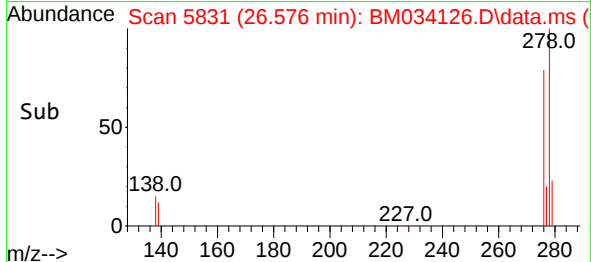
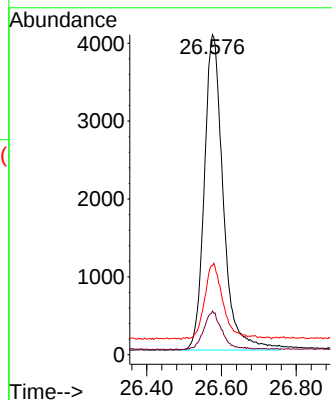


#28
Dibenzo(a,h)anthracene
Concen: 0.396 ng/ul
RT: 26.576 min Scan# 5831
Delta R.T. 0.007 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

Instrument :
BNA_M
ClientSampleId :
SICV007



Tgt Ion:278 Resp: 14275
Ion Ratio Lower Upper
278 100
139 13.7 18.0 27.0#
279 27.8 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 27.341 min Scan# 6059
Delta R.T. 0.007 min
Lab File: BM034126.D
Acq: 03 Mar 2022 15:31

Tgt Ion:276 Resp: 15463
Ion Ratio Lower Upper
276 100
138 15.8 17.4 26.0#
277 25.4 22.6 33.8

