

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012422\
 Data File : BM033834.D
 Acq On : 24 Jan 2022 12:43
 Operator : CG/JU
 Sample : SST0.445
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 24 14:05:33 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 14:03:45 2022
 Response via : Initial Calibration

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

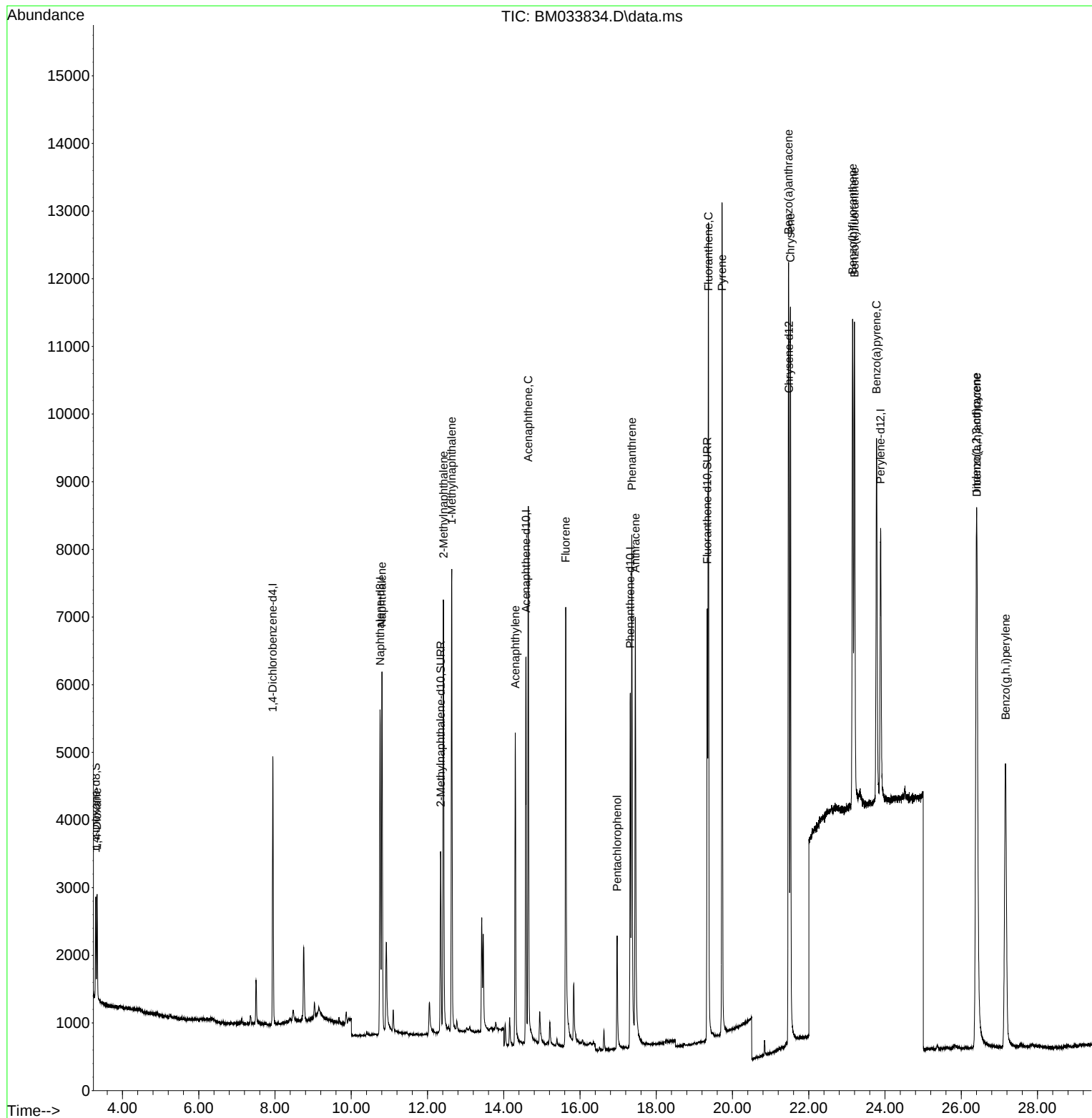
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	1954	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	6745	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.583	164	3320	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	6791	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	5781	0.400	ng/ul #	0.00
23) Perylene-d12	23.885	264	5796	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	867	0.417	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	3798	0.414	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	7186	0.401	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	885	0.390	ng/ul	93
5) Naphthalene	10.806	128	7485	0.383	ng/ul#	89
7) 2-Methylnaphthalene	12.420	142	4885	0.389	ng/ul	99
8) 1-Methylnaphthalene	12.636	142	4749	0.385	ng/ul	100
10) Acenaphthylene	14.303	152	6047	0.394	ng/ul#	91
11) Acenaphthene	14.644	153	4846	0.396	ng/ul	95
12) Fluorene	15.626	166	5452	0.372	ng/ul	98
14) Pentachlorophenol	16.973	266	1302	0.486	ng/ul	97
15) Phenanthrene	17.358	178	8766	0.399	ng/ul	96
16) Anthracene	17.451	178	8246	0.409	ng/ul	93
19) Fluoranthene	19.369	202	10587	0.390	ng/ul	99
20) Pyrene	19.727	202	10873	0.396	ng/ul#	94
21) Benzo(a)anthracene	21.468	228	9486	0.395	ng/ul	98
22) Chrysene	21.521	228	10154	0.414	ng/ul	98
24) Benzo(b)fluoranthene	23.151	252	10538	0.415	ng/ul	92
25) Benzo(k)fluoranthene	23.199	252	10625	0.427	ng/ul#	92
26) Benzo(a)pyrene	23.779	252	9032	0.409	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.395	276	12090	0.421	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.412	278	9558	0.418	ng/ul	93
29) Benzo(g,h,i)perylene	27.163	276	10411	0.422	ng/ul	93

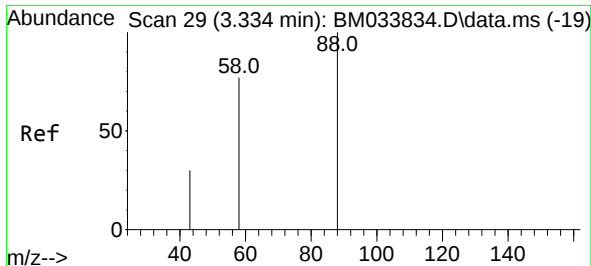
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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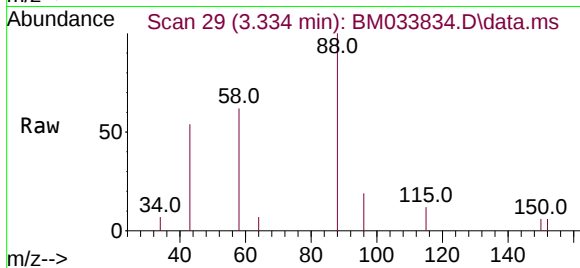
Quant Time: Jan 24 14:05:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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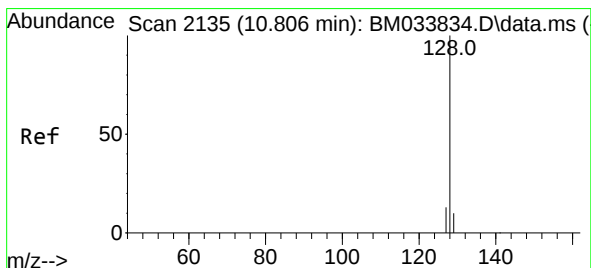
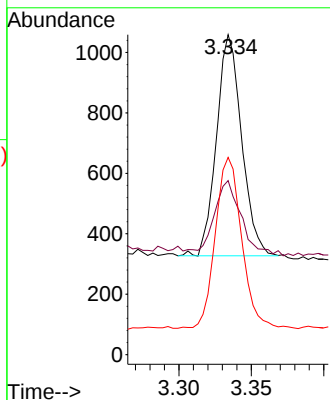
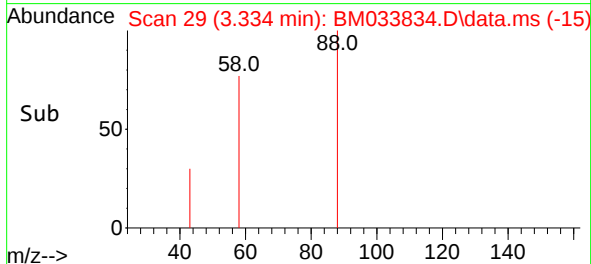


#2
1,4-Dioxane
Concen: 0.390 ng/ul
RT: 3.334 min Scan# 29
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

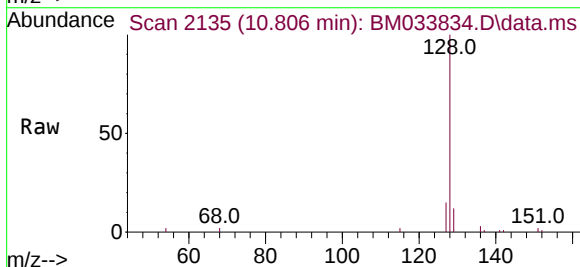
Instrument :
BNA_M
ClientSampleId :



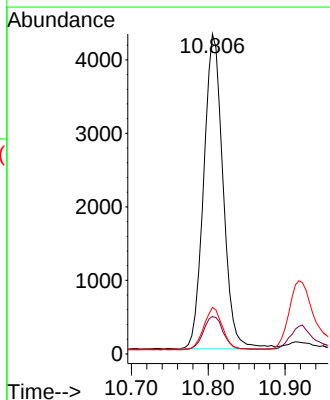
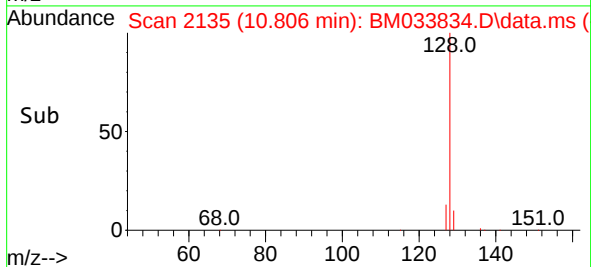
Tgt Ion:	88	Resp:	885
Ion	Ratio	Lower	Upper
88	100		
43	54.4	49.7	74.5
58	61.7	52.5	78.7

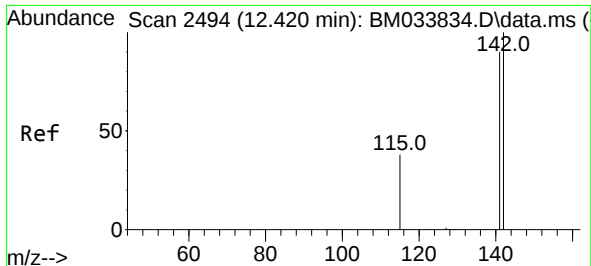


#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.806 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43



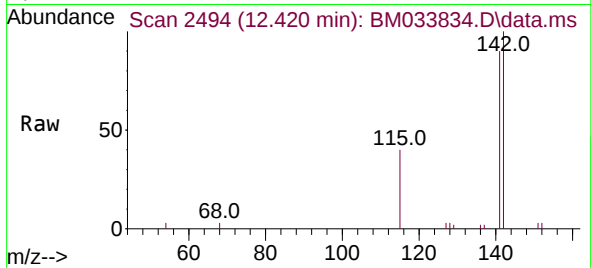
Tgt Ion:	128	Resp:	7485
Ion	Ratio	Lower	Upper
128	100		
129	11.7	13.4	20.2#
127	14.5	15.2	22.8#



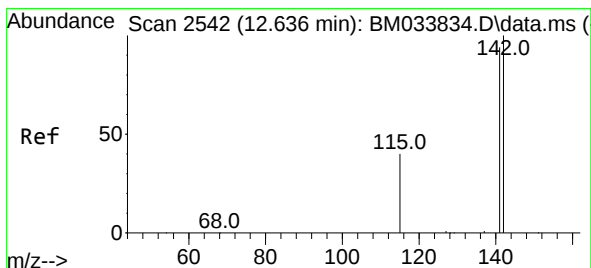
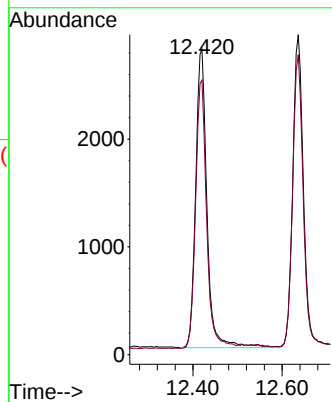
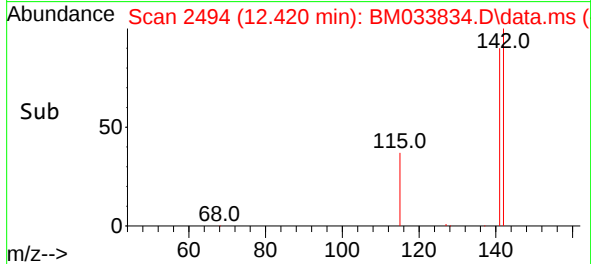


#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.420 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

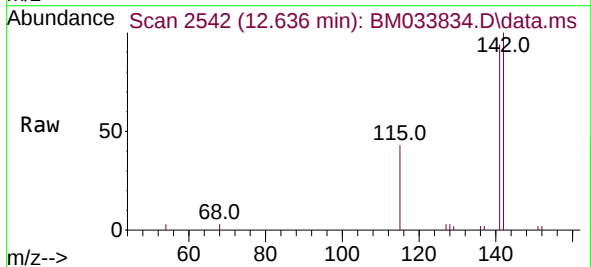
Instrument :
BNA_M
ClientSampleId :



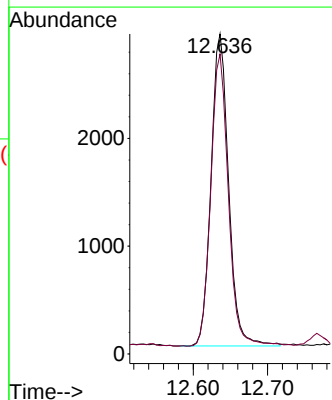
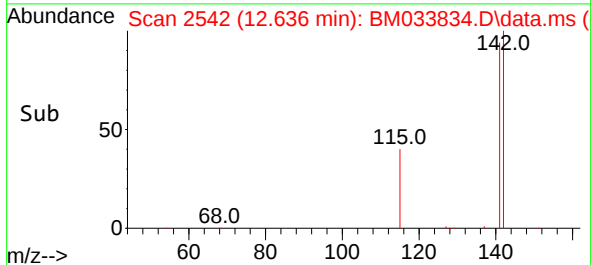
Tgt Ion:142 Resp: 4885
Ion Ratio Lower Upper
142 100
141 90.3 71.8 107.6

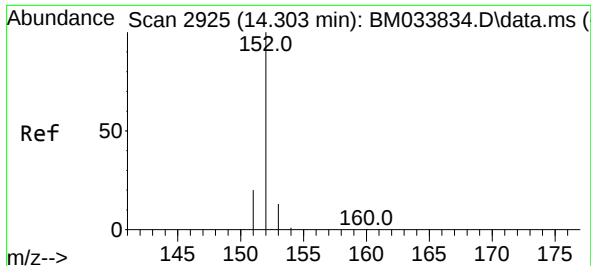


#8
1-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.636 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43



Tgt Ion:142 Resp: 4749
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4

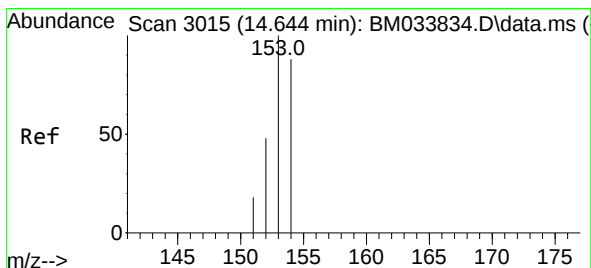
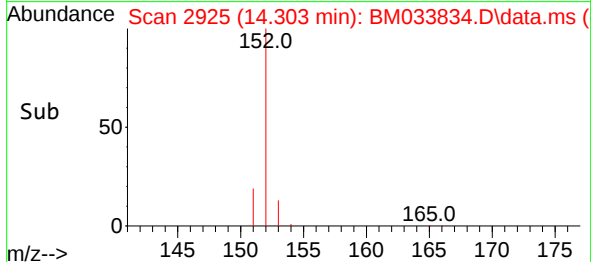
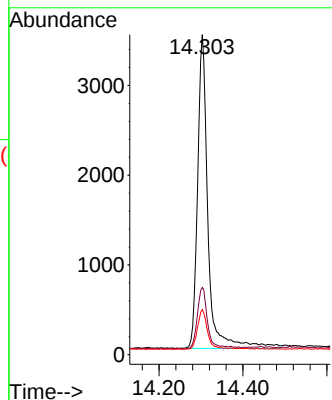
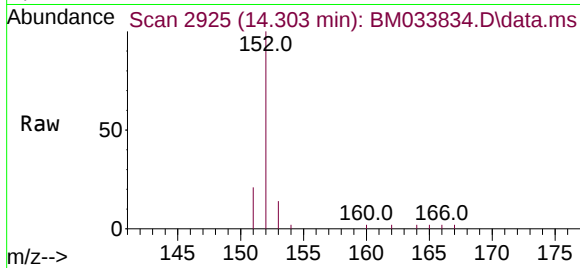




#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 14.303 min Scan# 2925
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

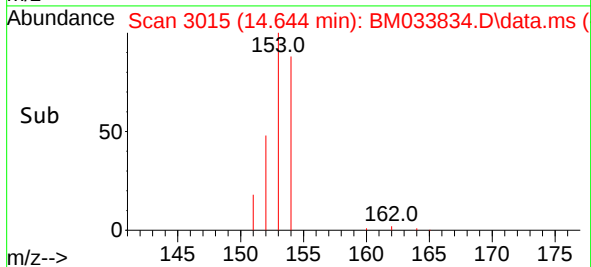
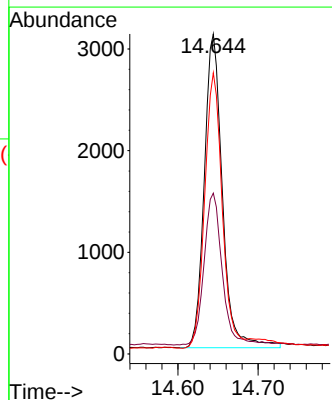
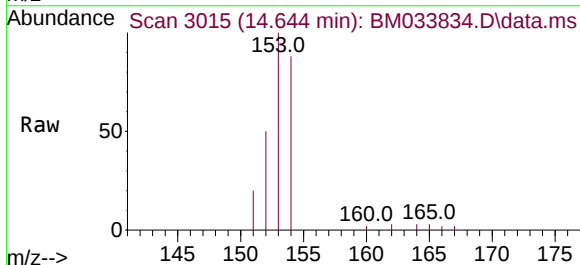
Instrument :
BNA_M
ClientSampleId :

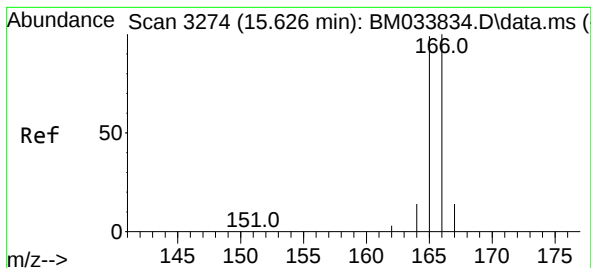
Tgt Ion:152 Resp: 6047
Ion Ratio Lower Upper
152 100
151 21.0 19.9 29.9
153 14.1 15.0 22.4#



#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.644 min Scan# 3015
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Tgt Ion:153 Resp: 4846
Ion Ratio Lower Upper
153 100
152 50.3 42.4 63.6
154 87.9 66.2 99.2





#12

Fluorene

Concen: 0.372 ng/ul

RT: 15.626 min Scan# 31

Delta R.T. 0.000 min

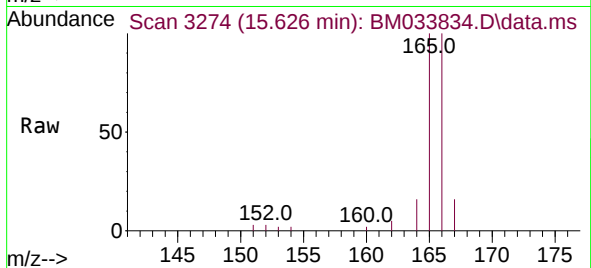
Lab File: BM033834.D

Acq: 24 Jan 2022 12:43

Instrument :

BNA_M

ClientSampleId :



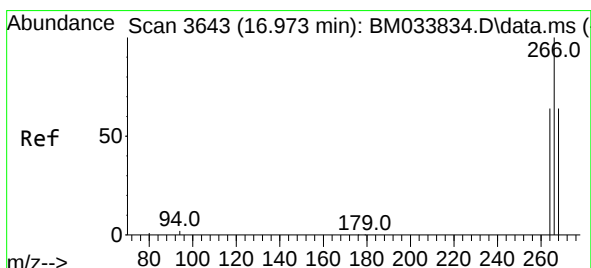
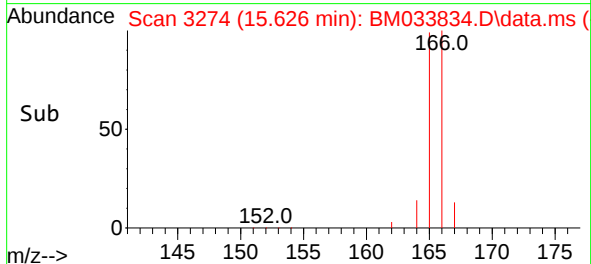
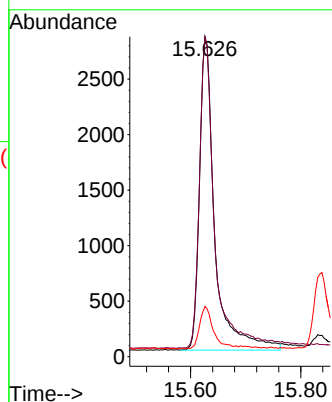
Tgt Ion:166 Resp: 5452

Ion Ratio Lower Upper

166 100

165 99.8 81.1 121.7

167 15.7 14.9 22.3



#14

Pentachlorophenol

Concen: 0.486 ng/ul

RT: 16.973 min Scan# 3643

Delta R.T. 0.000 min

Lab File: BM033834.D

Acq: 24 Jan 2022 12:43

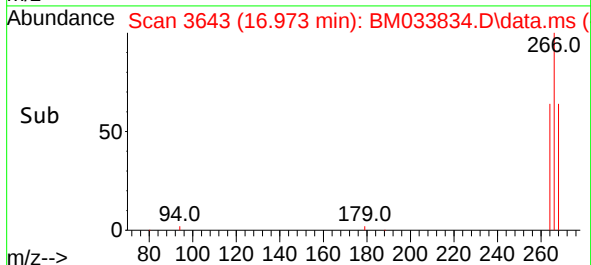
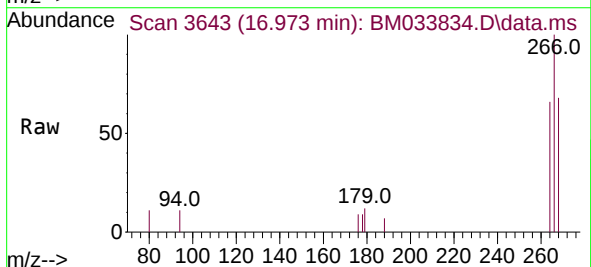
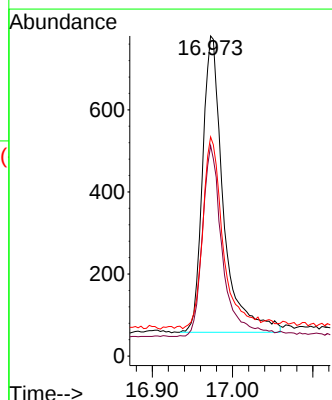
Tgt Ion:266 Resp: 1302

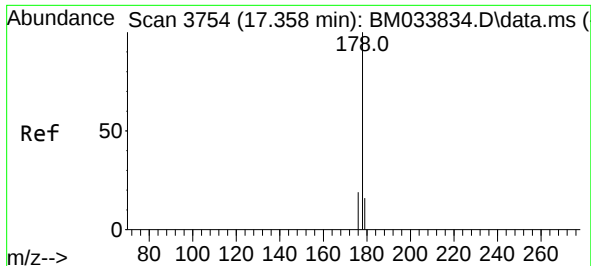
Ion Ratio Lower Upper

266 100

264 62.1 51.4 77.0

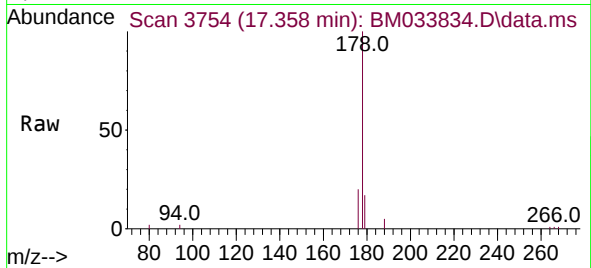
268 63.1 53.1 79.7



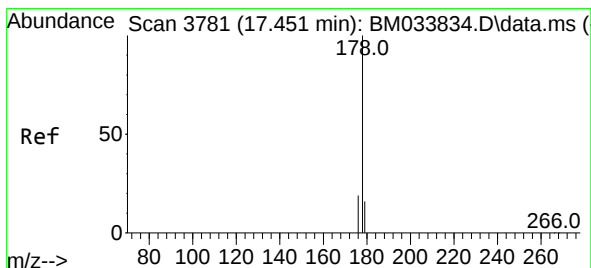
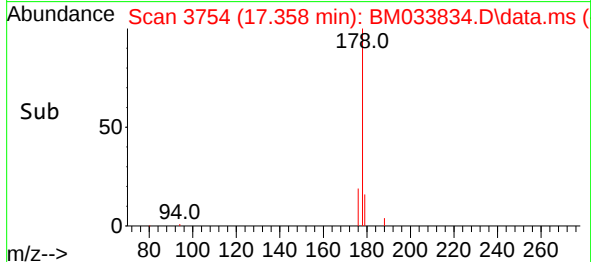
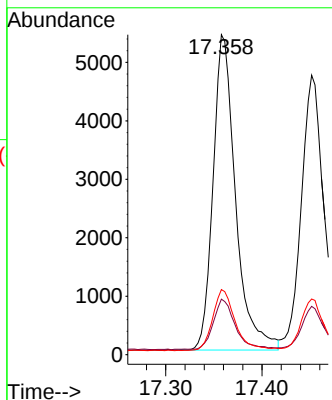


#15
Phenanthrene
Concen: 0.399 ng/u1
RT: 17.358 min Scan# 3754
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Instrument :
BNA_M
ClientSampleId :

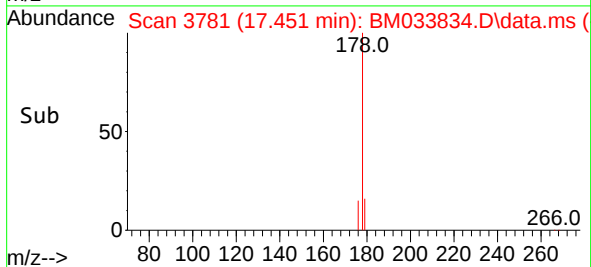
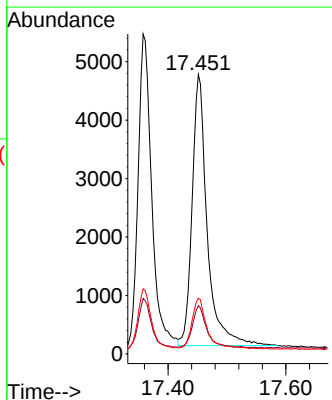
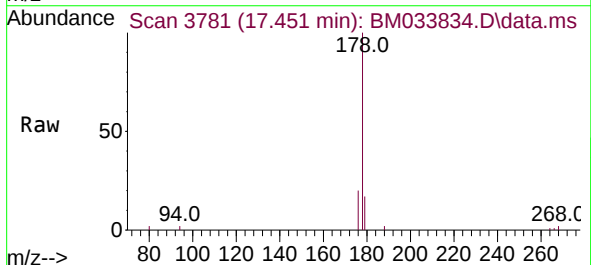


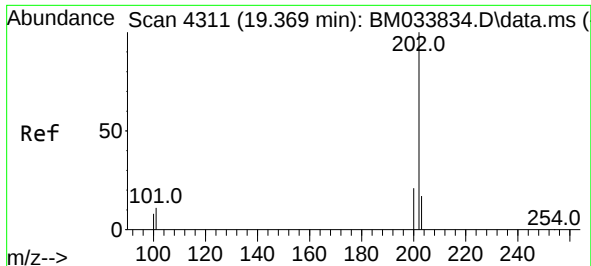
Tgt Ion:178 Resp: 8766
Ion Ratio Lower Upper
178 100
179 17.4 15.0 22.6
176 20.4 17.9 26.9



#16
Anthracene
Concen: 0.409 ng/u1
RT: 17.451 min Scan# 3781
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Tgt Ion:178 Resp: 8246
Ion Ratio Lower Upper
178 100
179 17.3 16.5 24.7
176 19.9 18.3 27.5

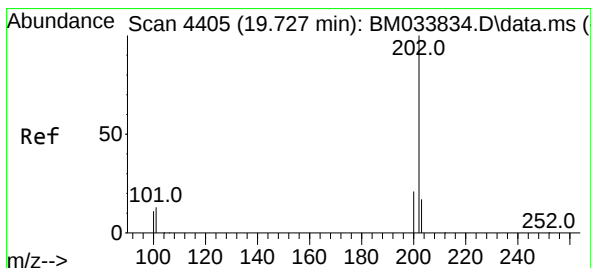
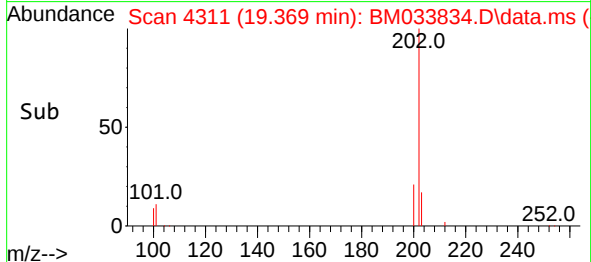
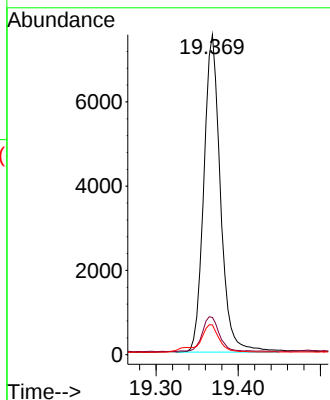
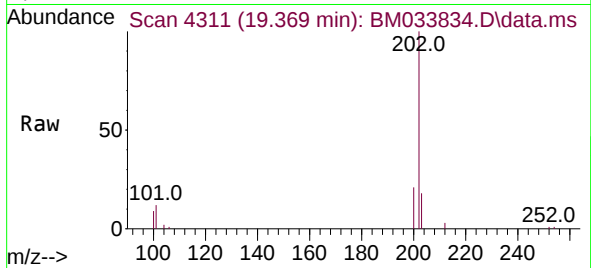




#19
Fluoranthene
Concen: 0.390 ng/ul
RT: 19.369 min Scan# 4311
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

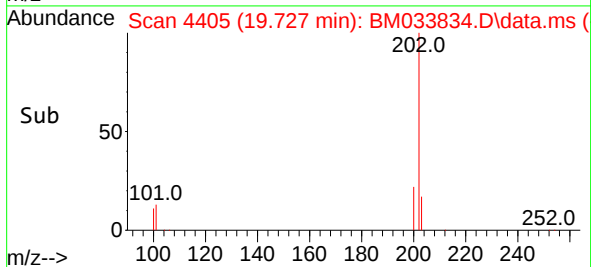
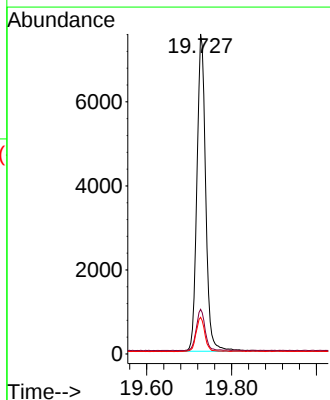
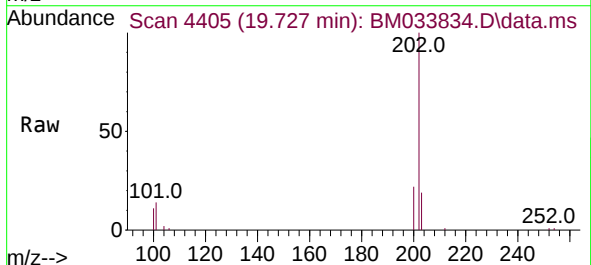
Instrument :
BNA_M
ClientSampleId :

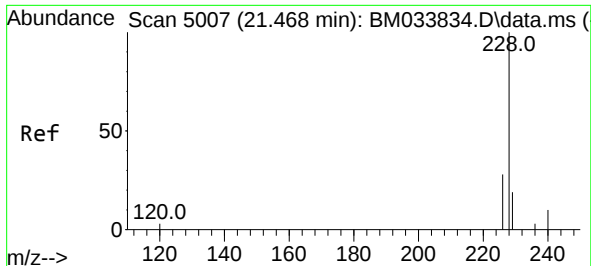
Tgt Ion:202 Resp: 10587
Ion Ratio Lower Upper
202 100
101 11.7 9.2 13.8
100 9.3 7.2 10.8



#20
Pyrene
Concen: 0.396 ng/ul
RT: 19.727 min Scan# 4405
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Tgt Ion:202 Resp: 10873
Ion Ratio Lower Upper
202 100
101 14.0 9.3 13.9#
100 11.5 7.8 11.6

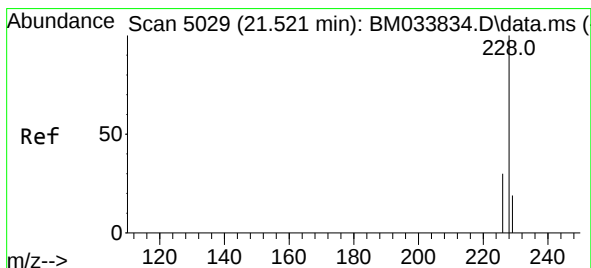
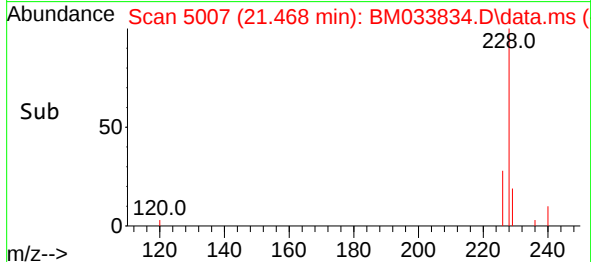
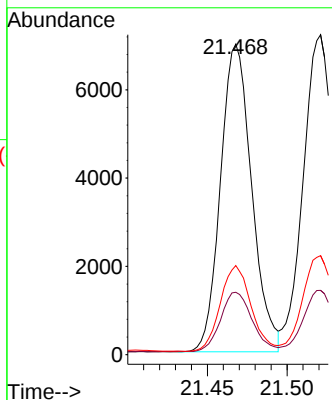
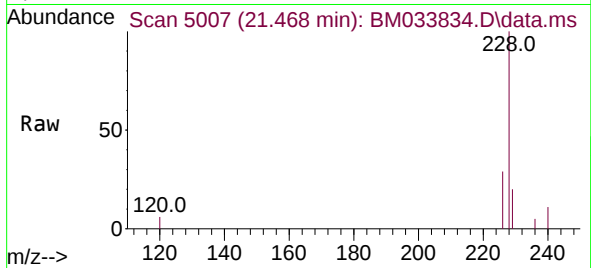




#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.468 min Scan# 5007
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

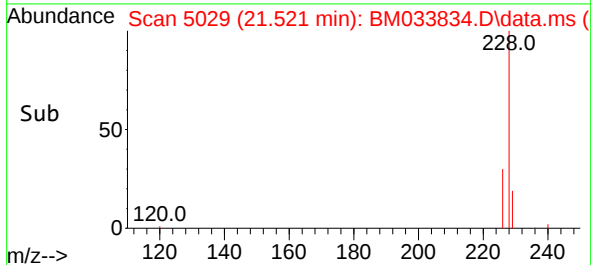
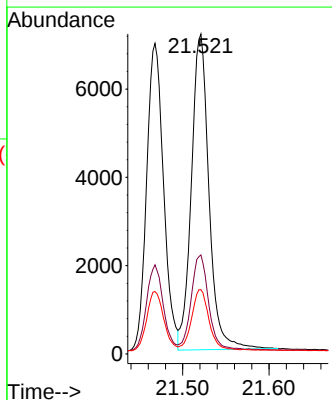
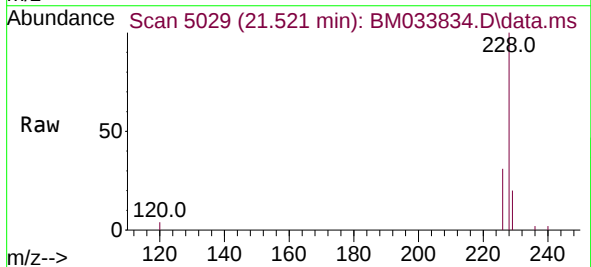
Instrument :
BNA_M
ClientSampleId :

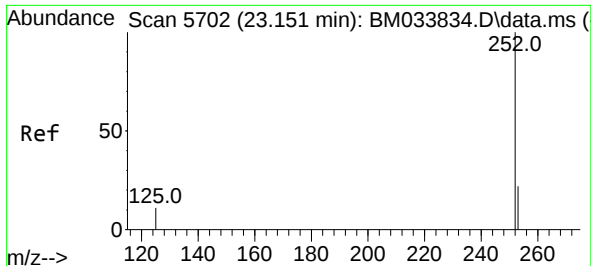
Tgt Ion:228 Resp: 9486
Ion Ratio Lower Upper
228 100
229 20.1 17.3 25.9
226 28.7 23.2 34.8



#22
Chrysene
Concen: 0.414 ng/ul
RT: 21.521 min Scan# 5029
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Tgt Ion:228 Resp: 10154
Ion Ratio Lower Upper
228 100
226 30.9 25.8 38.8
229 20.1 16.7 25.1

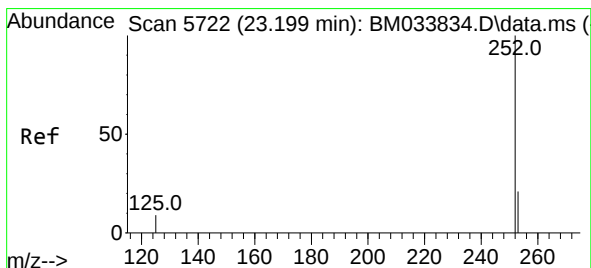
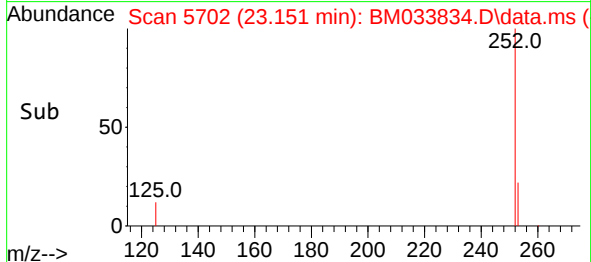
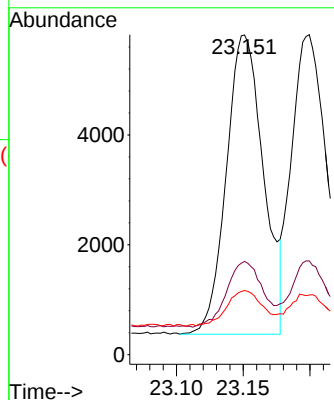
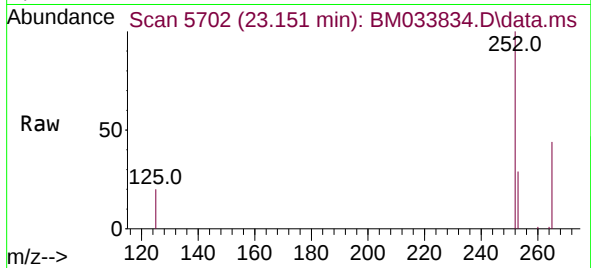




#24
Benzo(b)fluoranthene
Concen: 0.415 ng/ul
RT: 23.151 min Scan# 5702
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

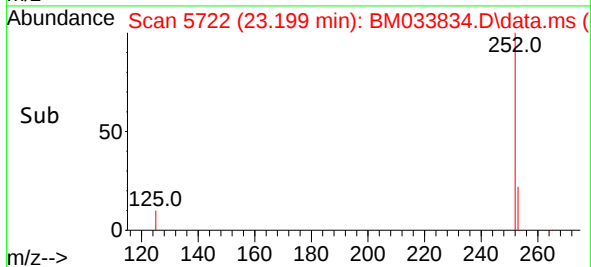
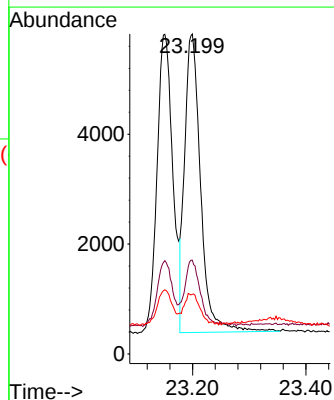
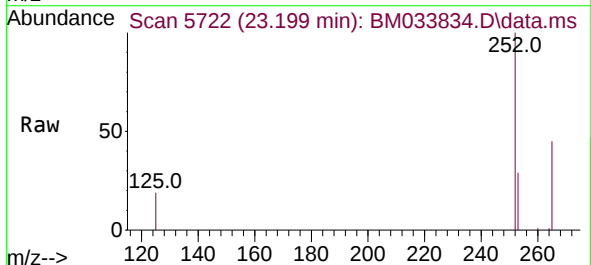
Instrument :
BNA_M
ClientSampleId :

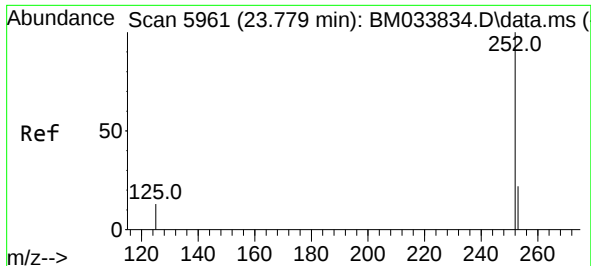
Tgt Ion:252 Resp: 10538
Ion Ratio Lower Upper
252 100
253 29.2 0.0 64.2
125 20.1 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.427 ng/ul
RT: 23.199 min Scan# 5722
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Tgt Ion:252 Resp: 10625
Ion Ratio Lower Upper
252 100
253 29.3 26.8 40.2
125 18.7 12.0 18.0#

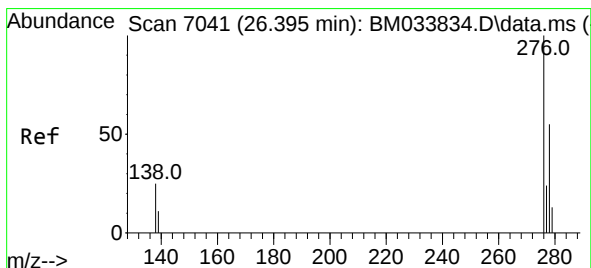
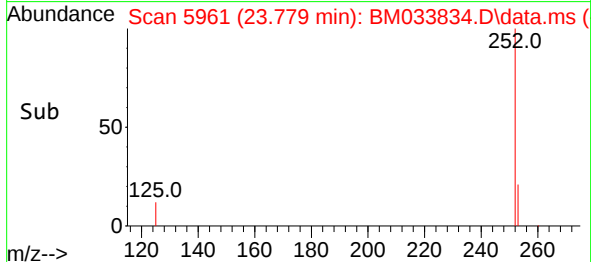
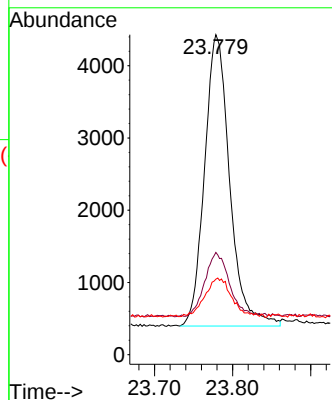
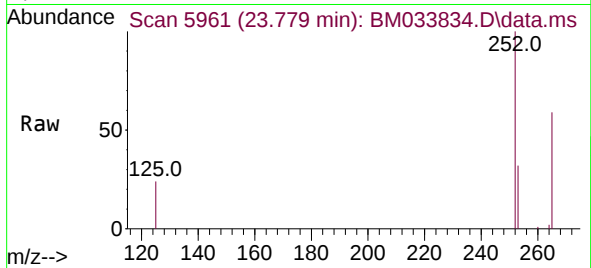




#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.779 min Scan# 5961
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

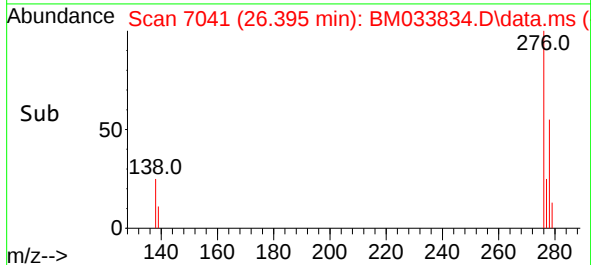
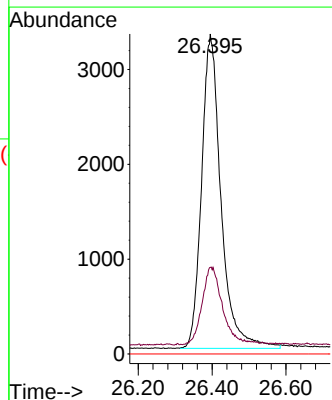
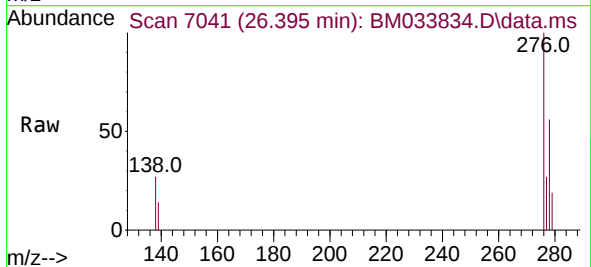
Instrument :
BNA_M
ClientSampleId :

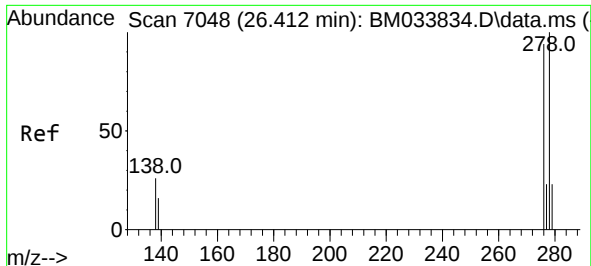
Tgt Ion:252 Resp: 9032
Ion Ratio Lower Upper
252 100
253 31.9 32.0 48.0#
125 23.6 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng/ul
RT: 26.395 min Scan# 7041
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Tgt Ion:276 Resp: 12090
Ion Ratio Lower Upper
276 100
138 26.0 15.8 23.6#
227 0.0 0.0 0.0

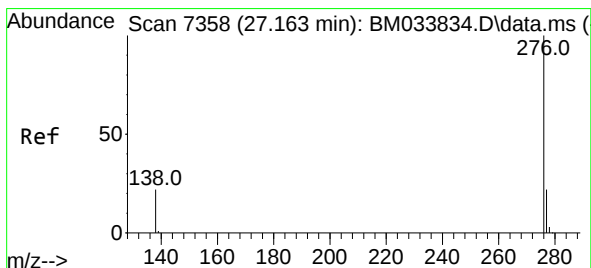
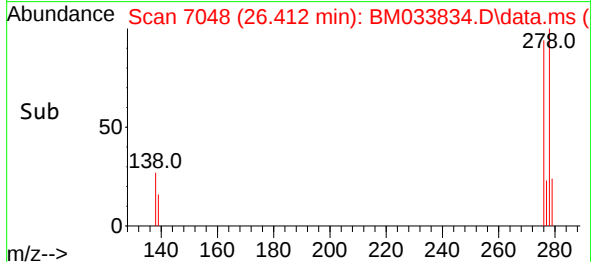
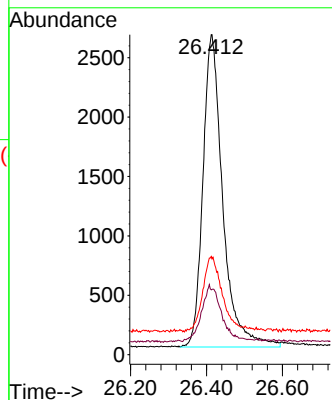
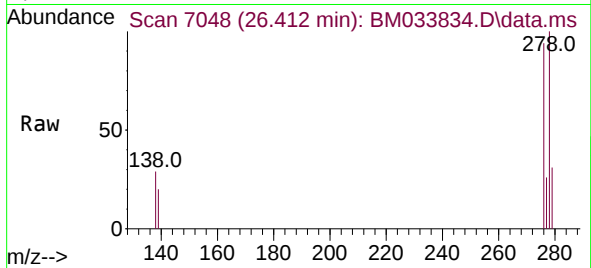




#28
 Dibenzo(a,h)anthracene
 Concen: 0.418 ng/ul
 RT: 26.412 min Scan# 7048
 Delta R.T. 0.000 min
 Lab File: BM033834.D
 Acq: 24 Jan 2022 12:43

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 9558
 Ion Ratio Lower Upper
 278 100
 139 20.2 18.0 27.0
 279 30.7 28.6 42.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.422 ng/ul
 RT: 27.163 min Scan# 7358
 Delta R.T. 0.000 min
 Lab File: BM033834.D
 Acq: 24 Jan 2022 12:43

Tgt Ion:276 Resp: 10411
 Ion Ratio Lower Upper
 276 100
 138 25.3 17.4 26.0
 277 24.9 22.6 33.8

