

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012422\
 Data File : BM033836.D
 Acq On : 24 Jan 2022 13:54
 Operator : CG/JU
 Sample : SSTD1.647
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 24 15:12:17 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)

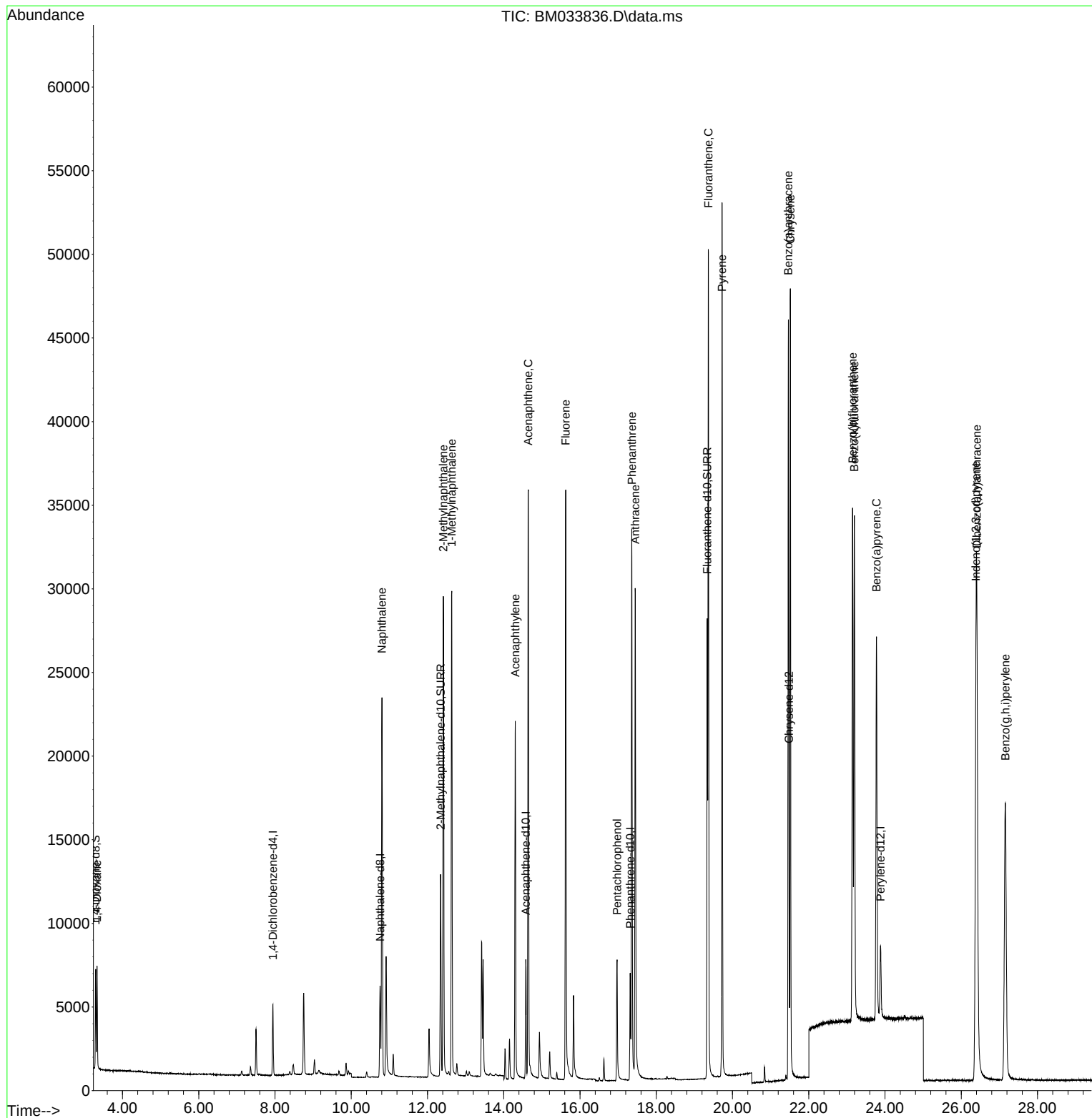
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	2116	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	7286	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.579	164	3839	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	7723	0.400	ng/ul	0.00
17) Chrysene-d12	21.480	240	6339	0.400	ng/ul #	0.00
23) Perylene-d12	23.883	264	6161	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	3393	1.505	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	15595	1.574	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	29656	1.510	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	3530	1.436	ng/ul#	80
5) Naphthalene	10.805	128	30215	1.431	ng/ul#	87
7) 2-Methylnaphthalene	12.415	142	20170	1.488	ng/ul	100
8) 1-Methylnaphthalene	12.636	142	19722	1.481	ng/ul	99
10) Acenaphthylene	14.303	152	25480	1.436	ng/ul#	89
11) Acenaphthene	14.644	153	20536	1.451	ng/ul	94
12) Fluorene	15.626	166	23482	1.387	ng/ul#	96
14) Pentachlorophenol	16.972	266	5270	1.729	ng/ul	98
15) Phenanthrene	17.358	178	36937	1.477	ng/ul	93
16) Anthracene	17.448	178	34787	1.516	ng/ul#	91
19) Fluoranthene	19.368	202	43833	1.474	ng/ul	98
20) Pyrene	19.727	202	43915	1.460	ng/ul	95
21) Benzo(a)anthracene	21.465	228	38898	1.477	ng/ul	97
22) Chrysene	21.518	228	40308	1.497	ng/ul	96
24) Benzo(b)fluoranthene	23.148	252	41348	1.532	ng/ul	88
25) Benzo(k)fluoranthene	23.194	252	42458	1.604	ng/ul#	86
26) Benzo(a)pyrene	23.776	252	36333	1.548	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.385	276	47807	1.565	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.410	278	37933	1.562	ng/ul#	85
29) Benzo(g,h,i)perylene	27.158	276	40648	1.548	ng/ul	94

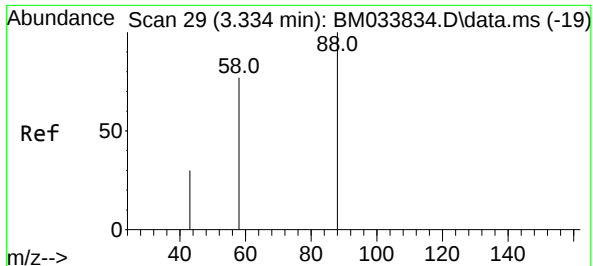
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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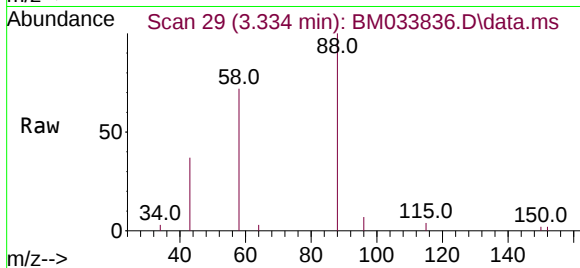
Quant Time: Jan 24 15:12:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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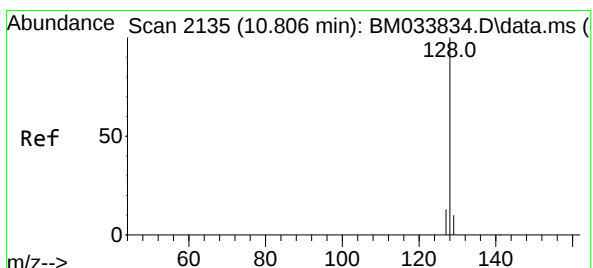
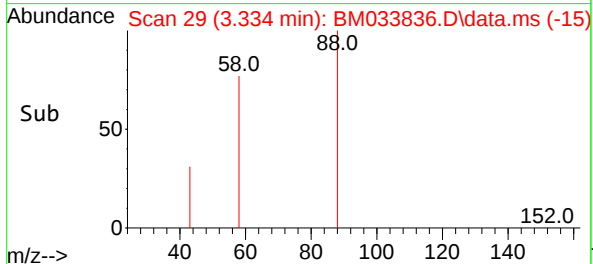
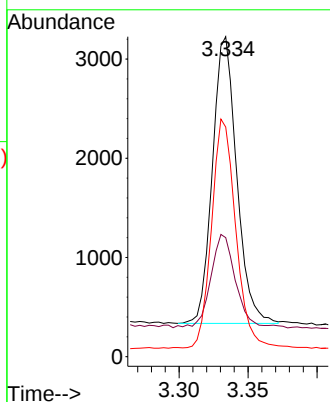


#2
1,4-Dioxane
Concen: 1.436 ng/ul
RT: 3.334 min Scan# 29
Delta R.T. -0.000 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

Instrument :
BNA_M
ClientSampleId :

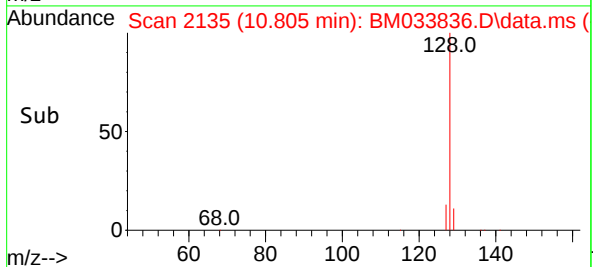
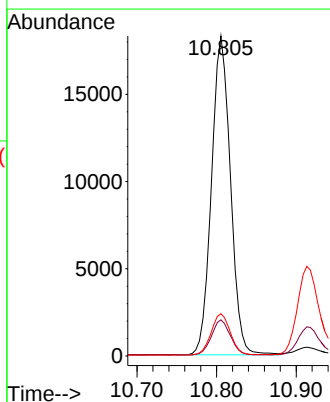
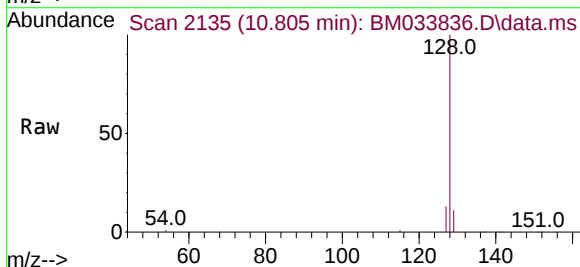


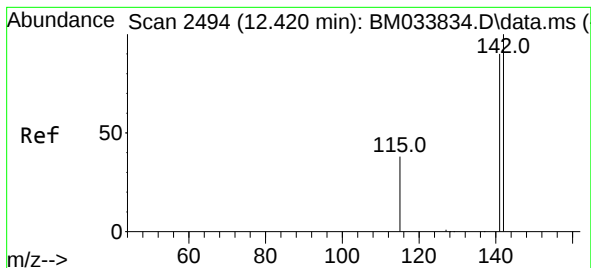
Tgt Ion: 88 Resp: 3530
Ion Ratio Lower Upper
88 100
43 37.2 49.7 74.5#
58 71.8 52.5 78.7



#5
Naphthalene
Concen: 1.431 ng/ul
RT: 10.805 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

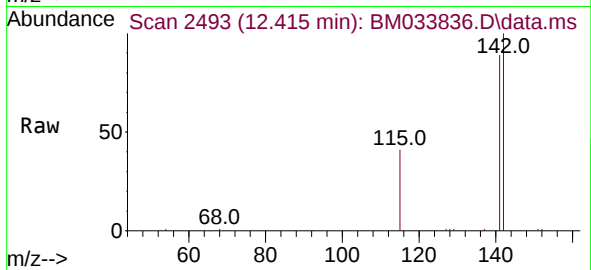
Tgt Ion: 128 Resp: 30215
Ion Ratio Lower Upper
128 100
129 11.3 13.4 20.2#
127 13.2 15.2 22.8#



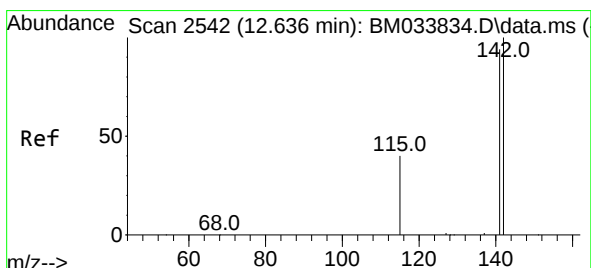
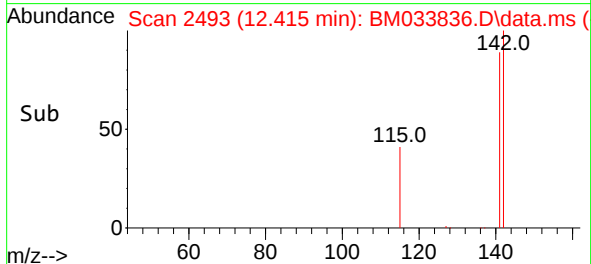
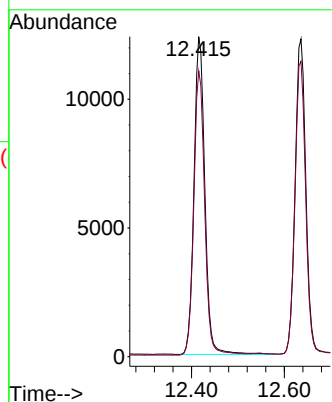


#7
2-Methylnaphthalene
Concen: 1.488 ng/ul
RT: 12.415 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

Instrument :
BNA_M
ClientSampleId :

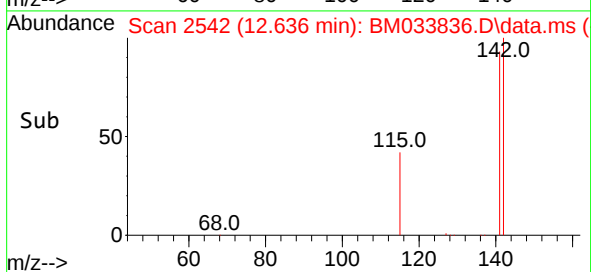
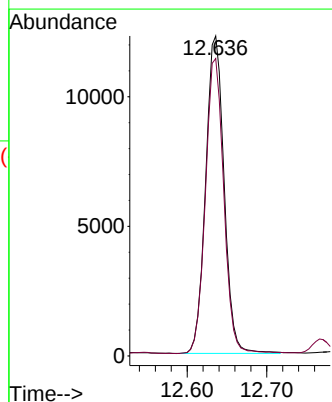
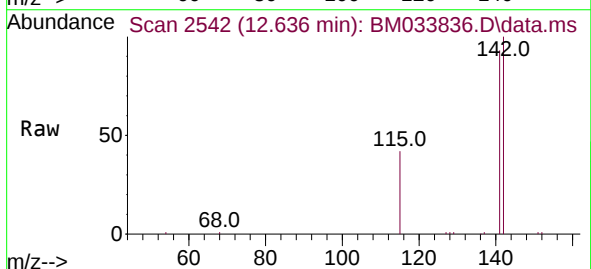


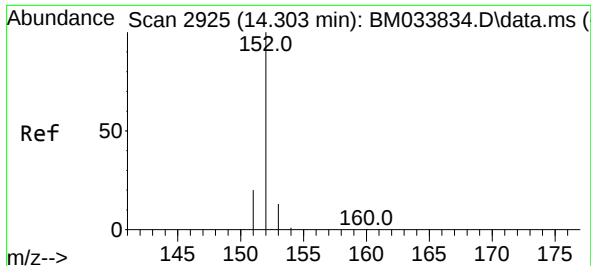
Tgt Ion:142 Resp: 20170
Ion Ratio Lower Upper
142 100
141 89.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 1.481 ng/ul
RT: 12.636 min Scan# 2542
Delta R.T. -0.000 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

Tgt Ion:142 Resp: 19722
Ion Ratio Lower Upper
142 100
141 92.6 75.0 112.4

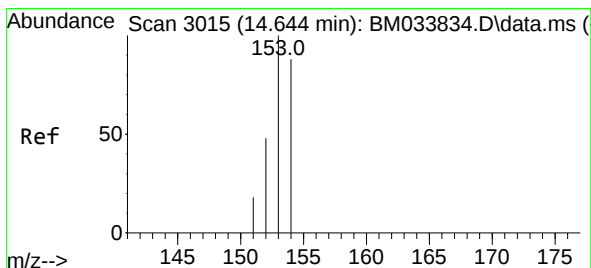
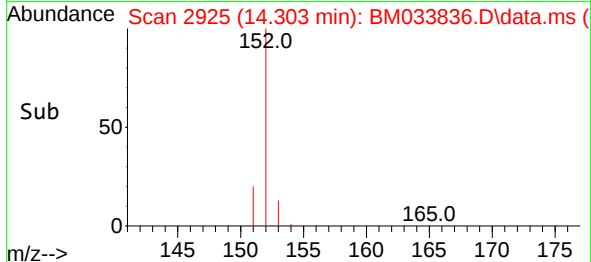
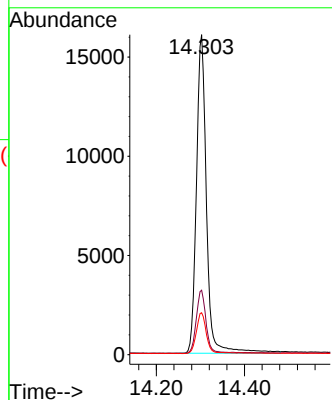
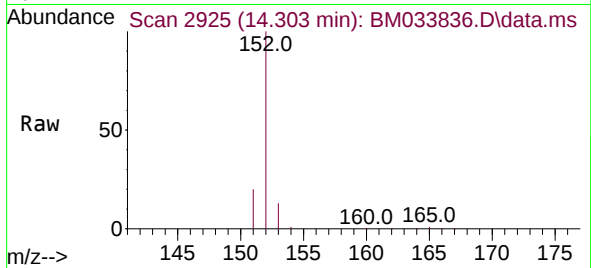




#10
Acenaphthylene
Concen: 1.436 ng/ul
RT: 14.303 min Scan# 2925
Delta R.T. -0.000 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

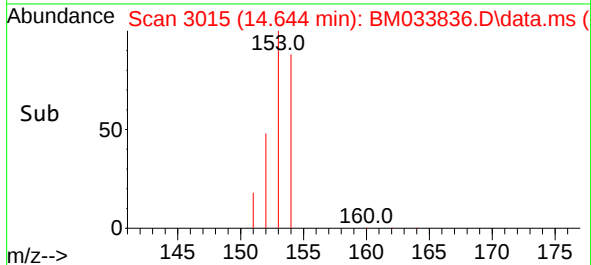
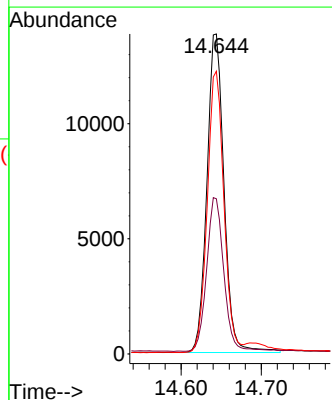
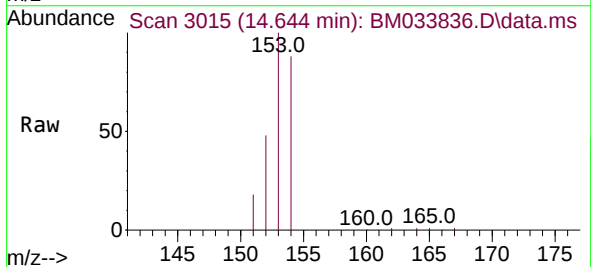
Instrument :
BNA_M
ClientSampleId :

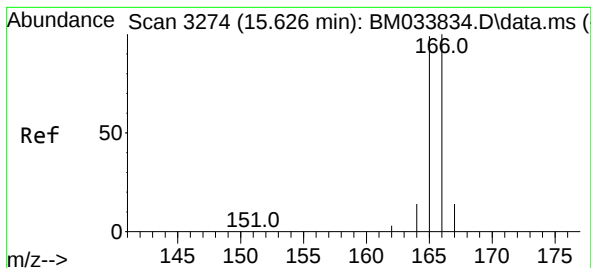
Tgt Ion:152 Resp: 25480
Ion Ratio Lower Upper
152 100
151 20.2 19.9 29.9
153 13.1 15.0 22.4#



#11
Acenaphthene
Concen: 1.451 ng/ul
RT: 14.644 min Scan# 3015
Delta R.T. -0.000 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

Tgt Ion:153 Resp: 20536
Ion Ratio Lower Upper
153 100
152 48.5 42.4 63.6
154 88.3 66.2 99.2





#12

Fluorene

Concen: 1.387 ng/ul

RT: 15.626 min Scan# 31

Delta R.T. -0.000 min

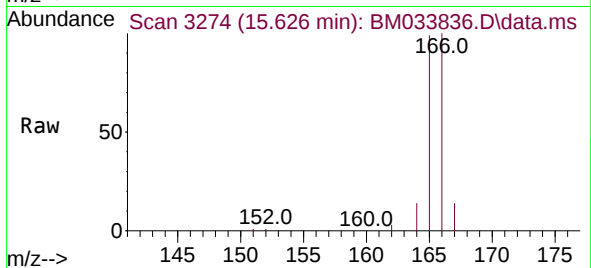
Lab File: BM033836.D

Acq: 24 Jan 2022 13:54

Instrument :

BNA_M

ClientSampleId :



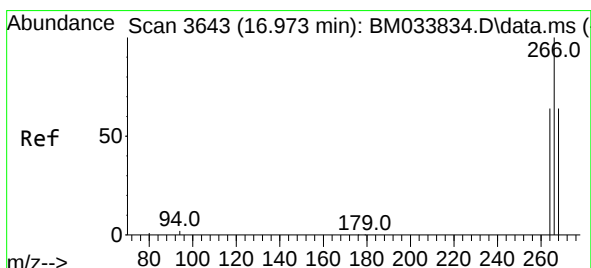
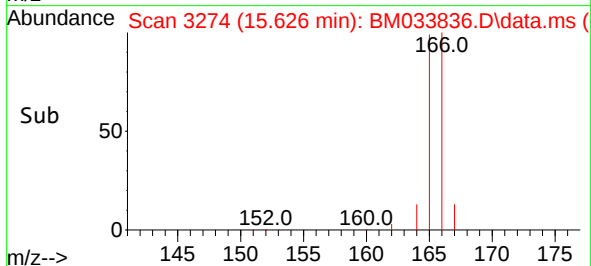
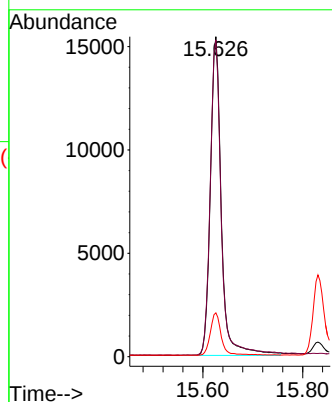
Tgt Ion:166 Resp: 23482

Ion Ratio Lower Upper

166 100

165 99.0 81.1 121.7

167 13.7 14.9 22.3#



#14

Pentachlorophenol

Concen: 1.729 ng/ul

RT: 16.972 min Scan# 3643

Delta R.T. -0.000 min

Lab File: BM033836.D

Acq: 24 Jan 2022 13:54

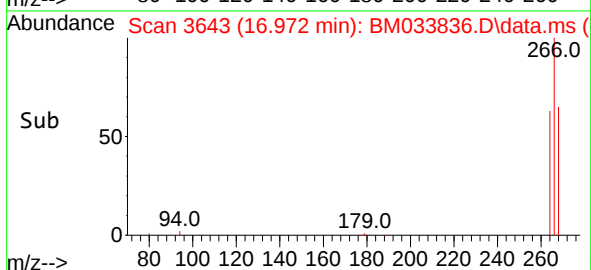
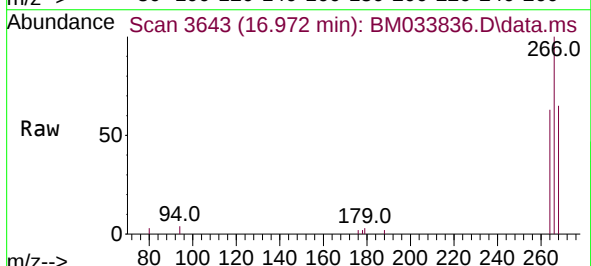
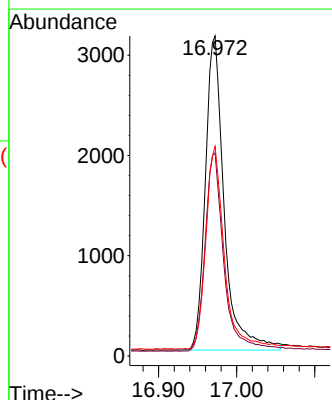
Tgt Ion:266 Resp: 5270

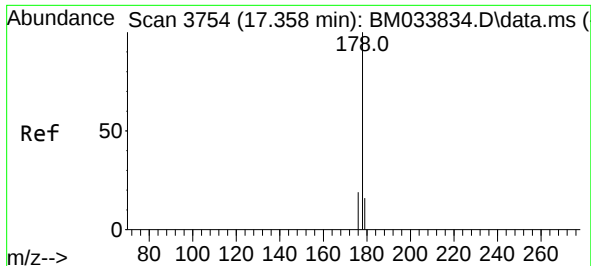
Ion Ratio Lower Upper

266 100

264 63.0 51.4 77.0

268 64.0 53.1 79.7

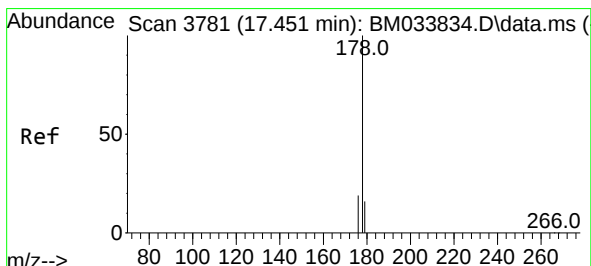
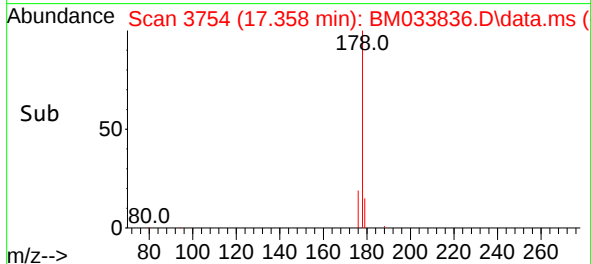
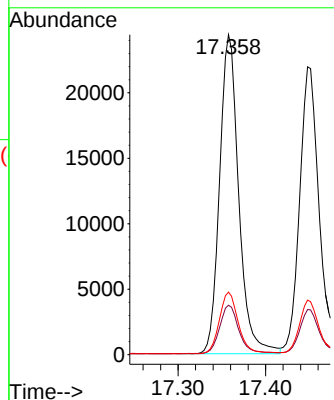
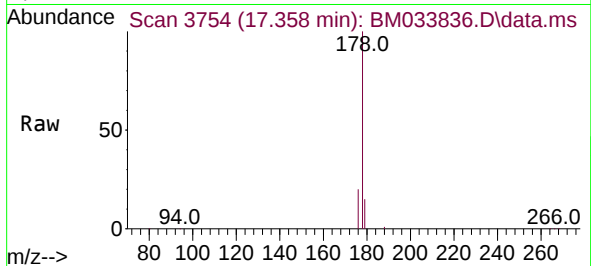




#15
Phenanthrene
Concen: 1.477 ng/ul
RT: 17.358 min Scan# 3754
Delta R.T. -0.000 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

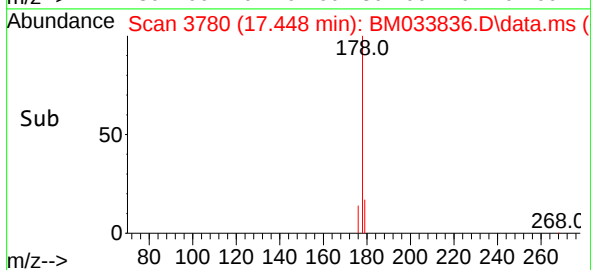
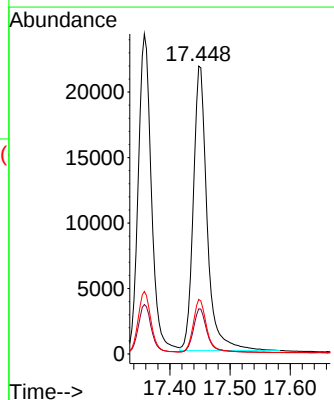
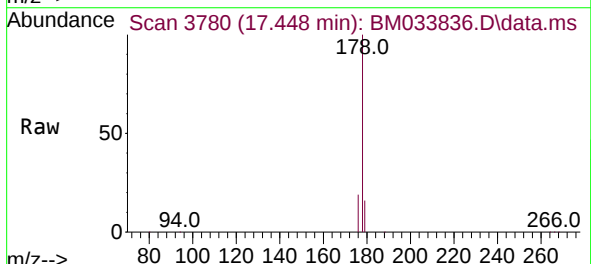
Instrument :
BNA_M
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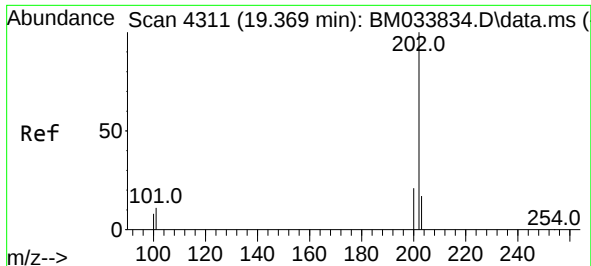
Tgt Ion:178 Resp: 36937
Ion Ratio Lower Upper
178 100
179 15.5 15.0 22.6
176 19.6 17.9 26.9



#16
Anthracene
Concen: 1.516 ng/ul
RT: 17.448 min Scan# 3780
Delta R.T. -0.004 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

Tgt Ion:178 Resp: 34787
Ion Ratio Lower Upper
178 100
179 15.7 16.5 24.7#
176 19.0 18.3 27.5

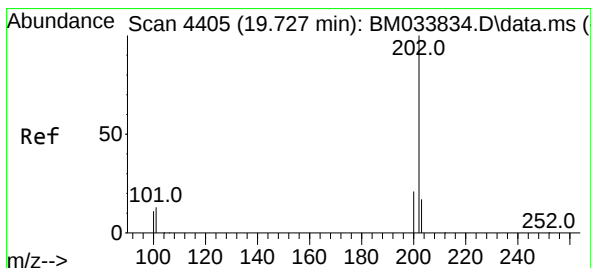
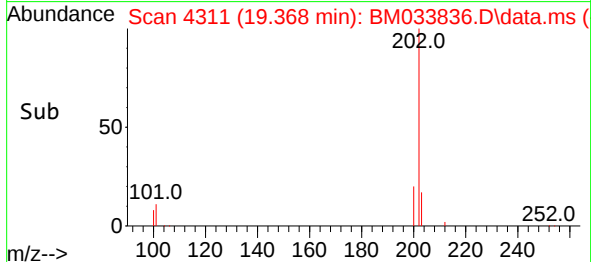
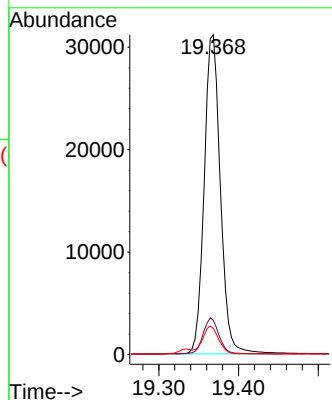
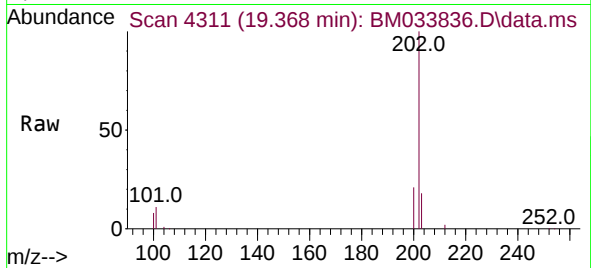




#19
Fluoranthene
Concen: 1.474 ng/ul
RT: 19.368 min Scan# 4311
Delta R.T. -0.000 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

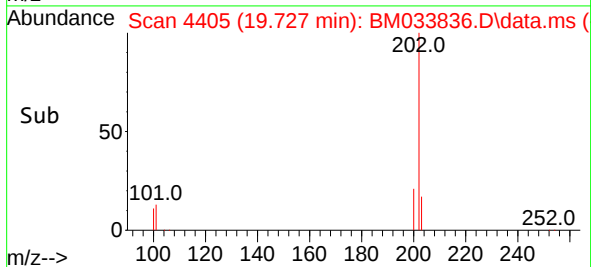
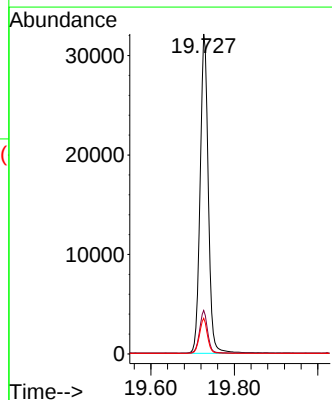
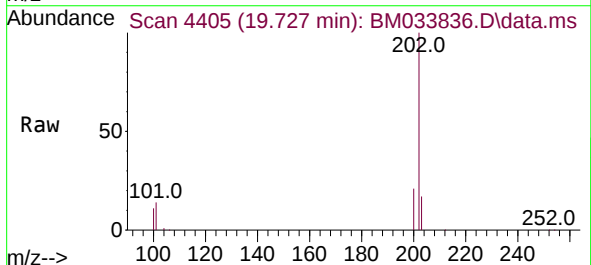
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BNA_M
ClientSampleId :

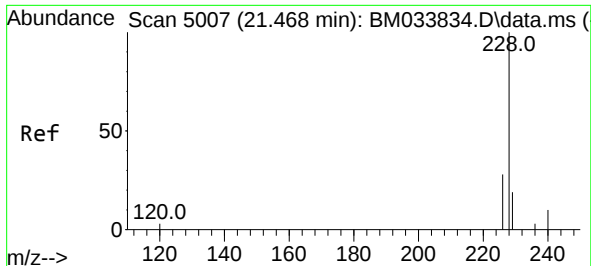
Tgt Ion:202 Resp: 43833
Ion Ratio Lower Upper
202 100
101 10.8 9.2 13.8
100 8.2 7.2 10.8



#20
Pyrene
Concen: 1.460 ng/ul
RT: 19.727 min Scan# 4405
Delta R.T. -0.000 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

Tgt Ion:202 Resp: 43915
Ion Ratio Lower Upper
202 100
101 13.6 9.3 13.9
100 11.2 7.8 11.6

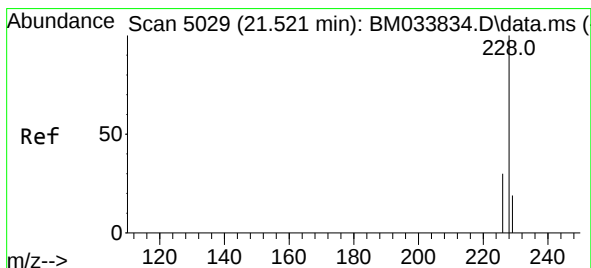
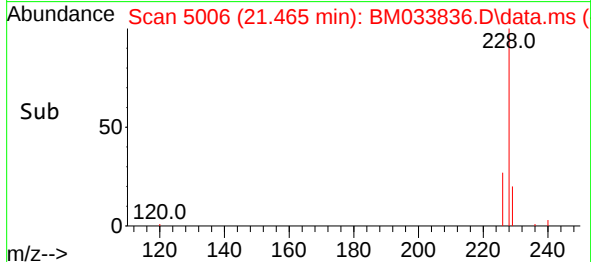
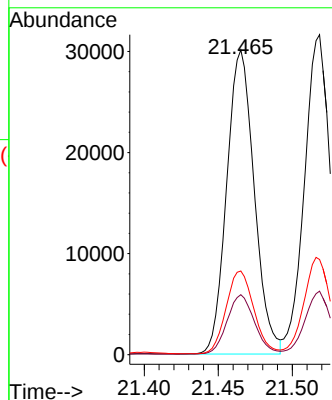
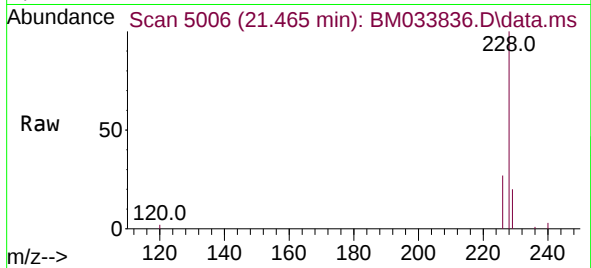




#21
Benzo(a)anthracene
Concen: 1.477 ng/ul
RT: 21.465 min Scan# 5007
Delta R.T. -0.003 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

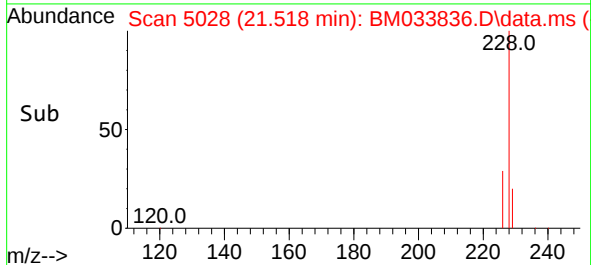
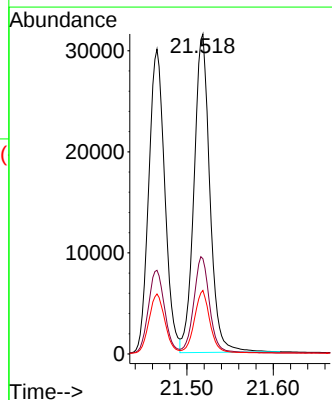
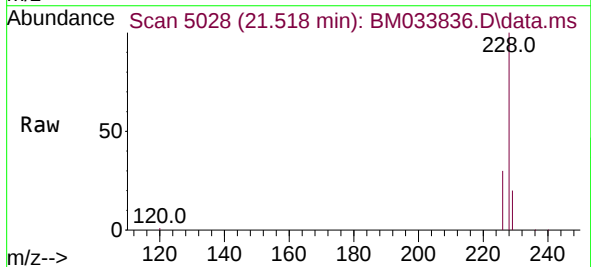
Instrument :
BNA_M
ClientSampleId :

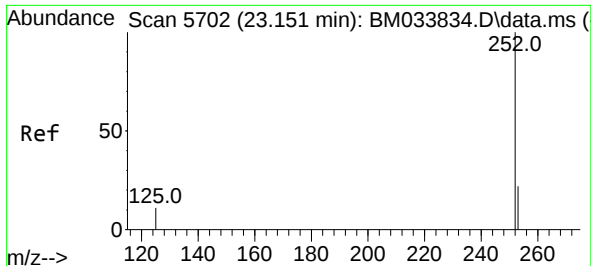
Tgt Ion:228 Resp: 38898
Ion Ratio Lower Upper
228 100
229 19.7 17.3 25.9
226 27.5 23.2 34.8



#22
Chrysene
Concen: 1.497 ng/ul
RT: 21.518 min Scan# 5028
Delta R.T. -0.003 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

Tgt Ion:228 Resp: 40308
Ion Ratio Lower Upper
228 100
226 29.7 25.8 38.8
229 19.9 16.7 25.1

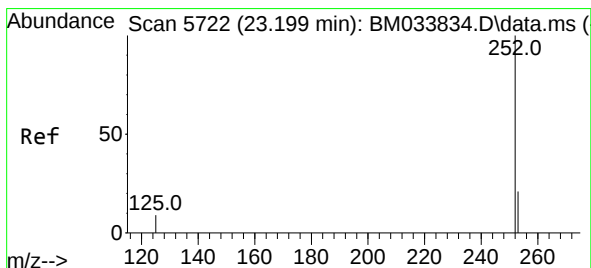
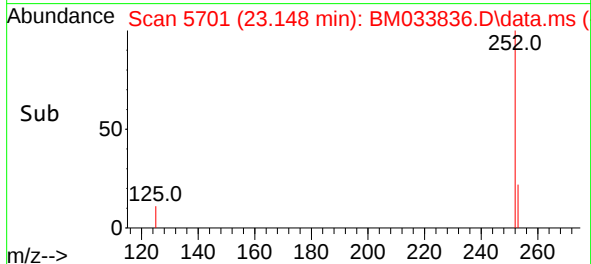
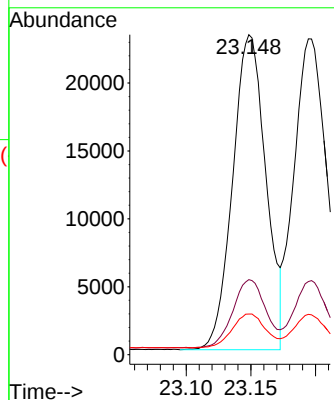
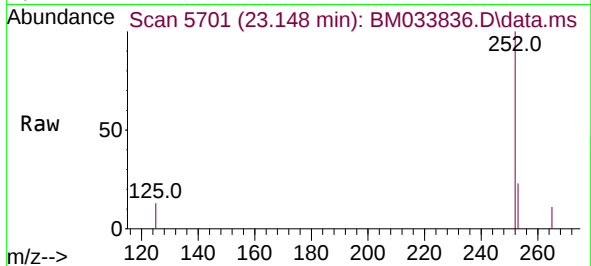




#24
Benzo(b)fluoranthene
Concen: 1.532 ng/ul
RT: 23.148 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

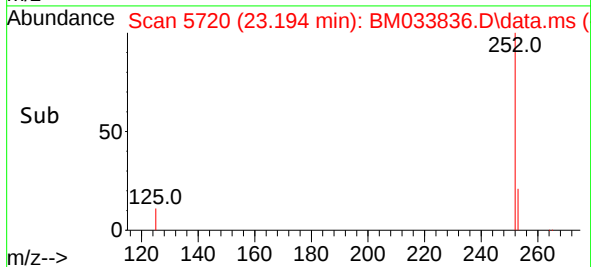
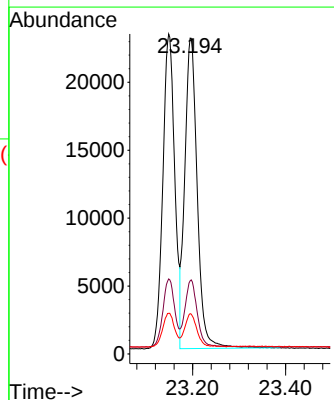
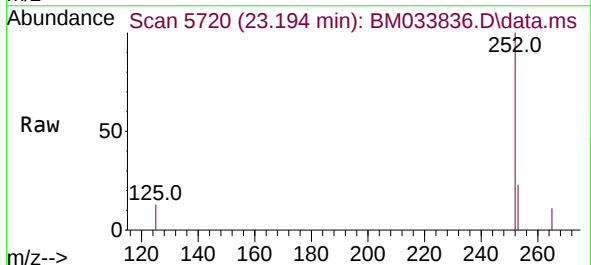
Instrument :
BNA_M
ClientSampleId :

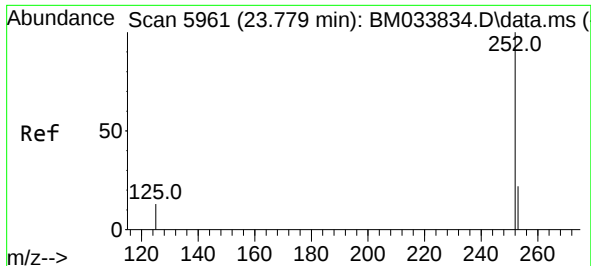
Tgt Ion:252 Resp: 41348
Ion Ratio Lower Upper
252 100
253 23.5 0.0 64.2
125 12.7 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 1.604 ng/ul
RT: 23.194 min Scan# 5720
Delta R.T. -0.005 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

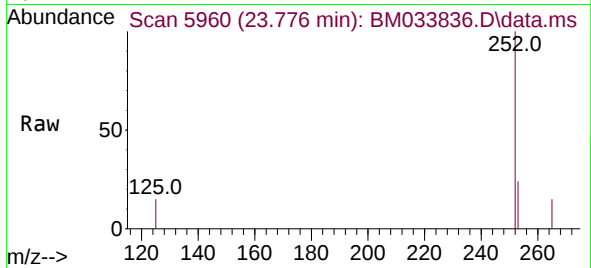
Tgt Ion:252 Resp: 42458
Ion Ratio Lower Upper
252 100
253 23.1 26.8 40.2#
125 12.8 12.0 18.0



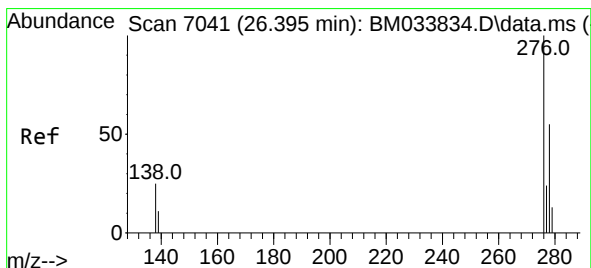
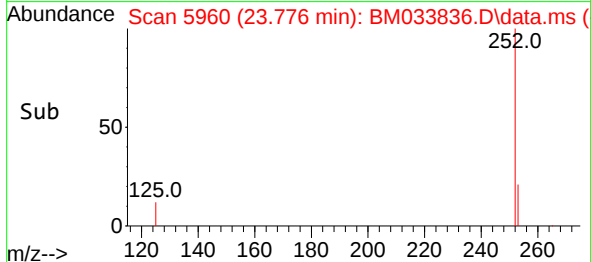
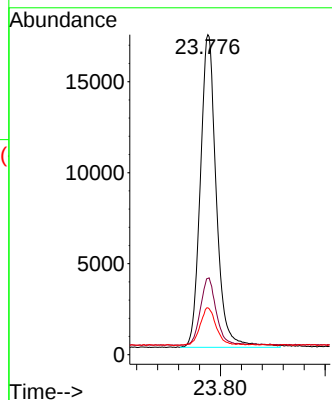


#26
Benzo(a)pyrene
Concen: 1.548 ng/ul
RT: 23.776 min Scan# 5961
Delta R.T. -0.003 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

Instrument :
BNA_M
ClientSampleId :

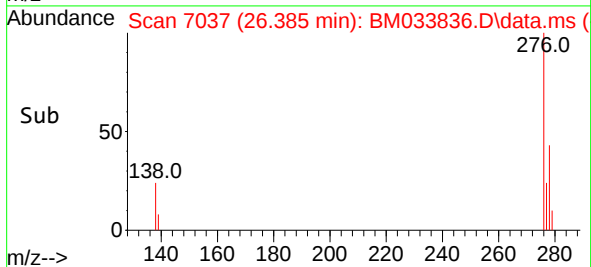
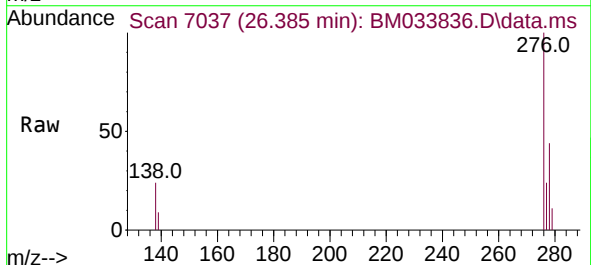
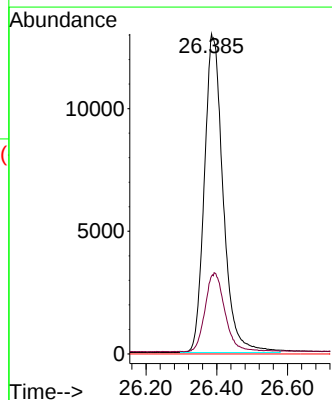


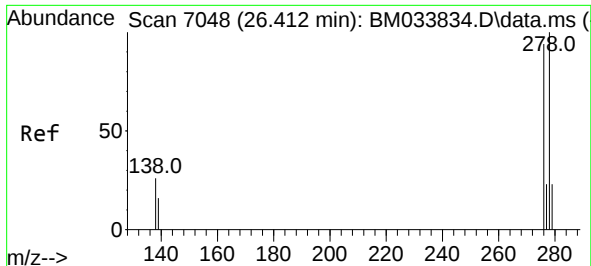
Tgt Ion:252 Resp: 36333
Ion Ratio Lower Upper
252 100
253 23.9 32.0 48.0#
125 14.6 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.565 ng/ul
RT: 26.385 min Scan# 7037
Delta R.T. -0.010 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

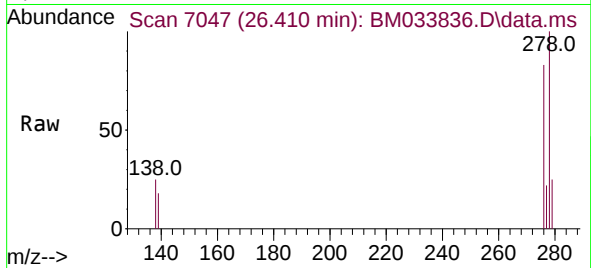
Tgt Ion:276 Resp: 47807
Ion Ratio Lower Upper
276 100
138 26.3 15.8 23.6#
227 0.0 0.0 0.0



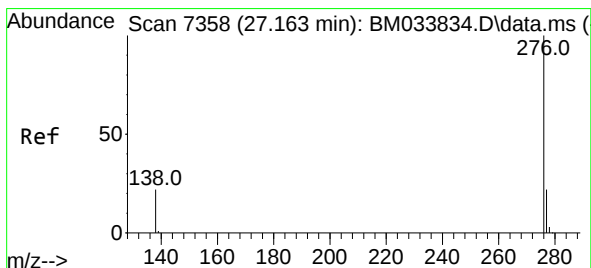
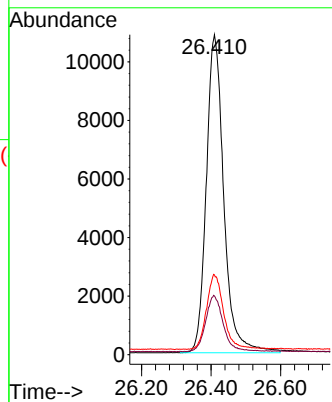
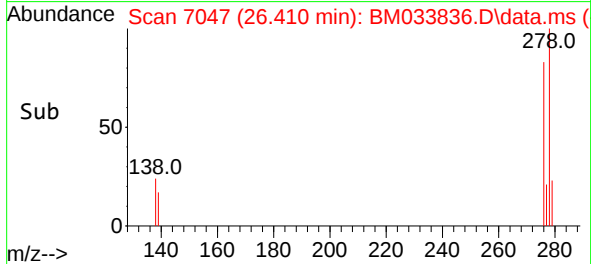


#28
Dibenzo(a,h)anthracene
Concen: 1.562 ng/ul
RT: 26.410 min Scan# 7048
Delta R.T. -0.003 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 37933
Ion Ratio Lower Upper
278 100
139 18.4 18.0 27.0
279 24.9 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 1.548 ng/ul
RT: 27.158 min Scan# 7356
Delta R.T. -0.005 min
Lab File: BM033836.D
Acq: 24 Jan 2022 13:54

Tgt Ion:276 Resp: 40648
Ion Ratio Lower Upper
276 100
138 22.9 17.4 26.0
277 23.9 22.6 33.8

