

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037135.D
 Acq On : 18 Oct 2022 04:51
 Operator : CG/JU
 Sample : PB148300BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS300

Quant Time: Oct 18 05:37:46 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 02:26:13 2022
 Response via : Initial Calibration

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

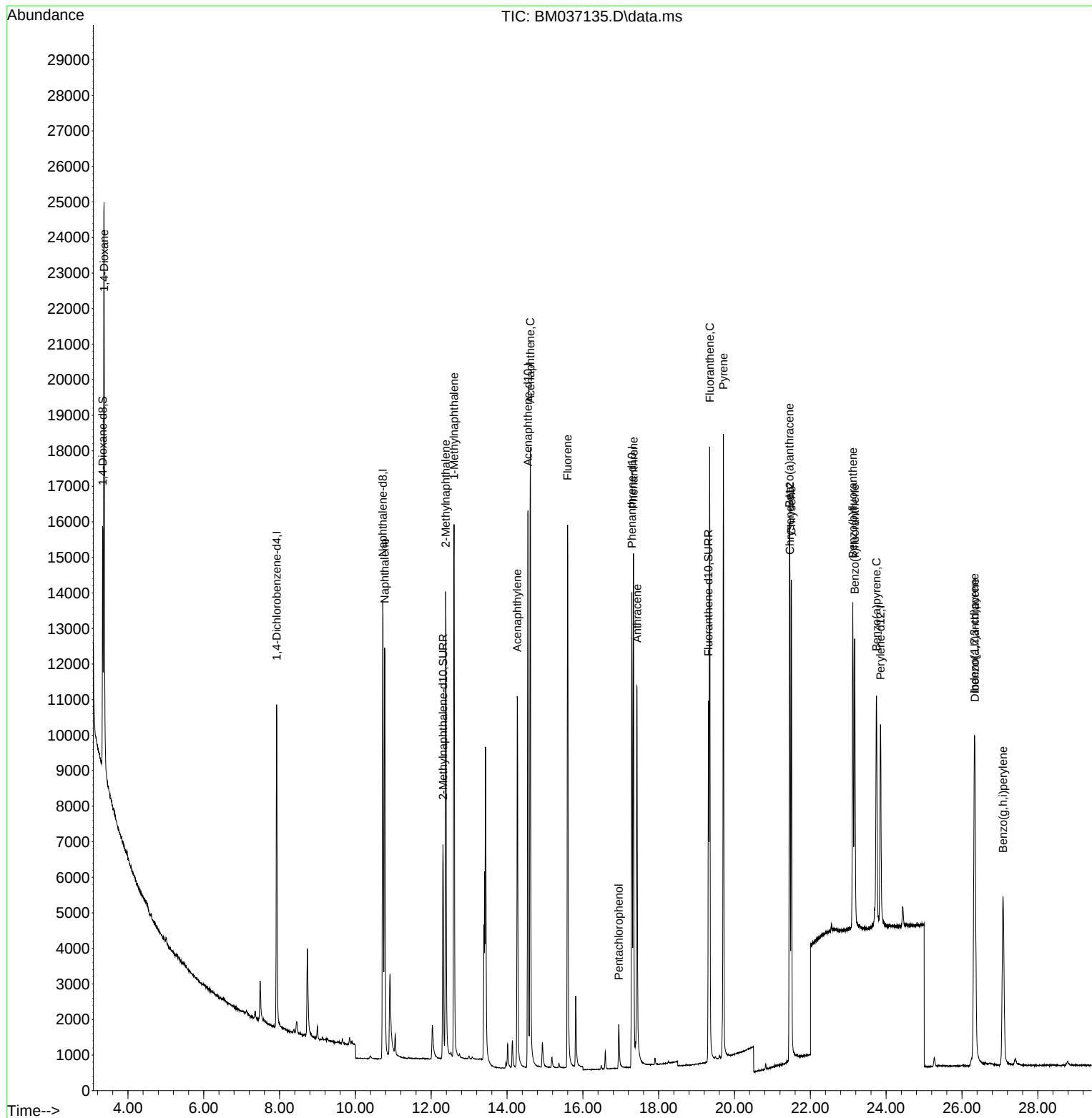
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	4971	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	18355	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.552	164	9258	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	16405	0.400	ng/ul	0.00
17) Chrysene-d12	21.465	240	9749	0.400	ng/ul	0.00
23) Perylene-d12	23.850	264	8208	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	4520	0.645	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	8705	0.314	ng/ul	0.00
18) Fluoranthene-d10	19.313	212	11372	0.390	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	10943	1.597	ng/ul#	78
5) Naphthalene	10.771	128	16653	0.317	ng/ul	97
7) 2-Methylnaphthalene	12.382	142	10142	0.316	ng/ul	93
8) 1-Methylnaphthalene	12.602	142	10660	0.327	ng/ul	100
10) Acenaphthylene	14.270	152	13421	0.349	ng/ul	99
11) Acenaphthene	14.612	153	10639	0.319	ng/ul	99
12) Fluorene	15.598	166	11182	0.296	ng/ul	100
14) Pentachlorophenol	16.946	266	1100	0.277	ng/ul	98
15) Phenanthrene	17.334	178	16173	0.309	ng/ul	99
16) Anthracene	17.427	178	13577	0.310	ng/ul	99
19) Fluoranthene	19.345	202	14771	0.381	ng/ul	98
20) Pyrene	19.708	202	14810	0.366	ng/ul	100
21) Benzo(a)anthracene	21.447	228	11439	0.325	ng/ul	99
22) Chrysene	21.500	228	11924	0.315	ng/ul	99
24) Benzo(b)fluoranthene	23.119	252	11834	0.323	ng/ul	93
25) Benzo(k)fluoranthene	23.169	252	11042	0.309	ng/ul	95
26) Benzo(a)pyrene	23.745	252	10094	0.339	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.326	276	12988	0.308	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.340	278	10086	0.296	ng/ul	93
29) Benzo(g,h,i)perylene	27.084	276	11093	0.299	ng/ul	98

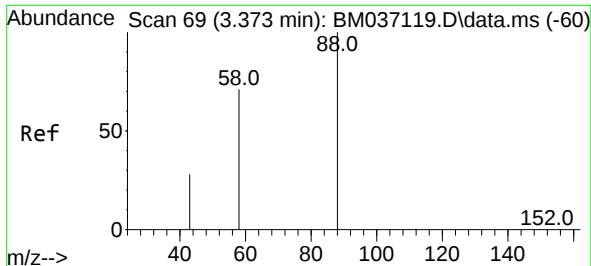
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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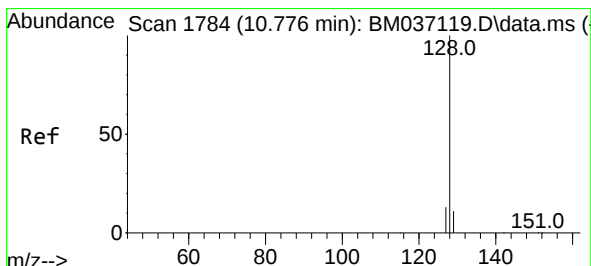
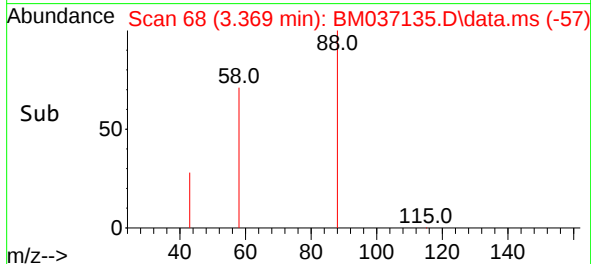
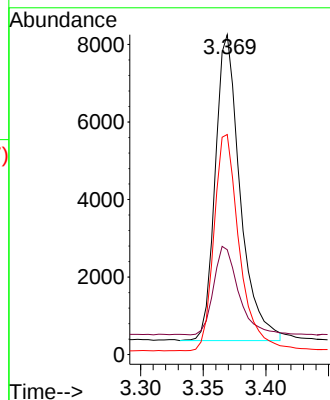
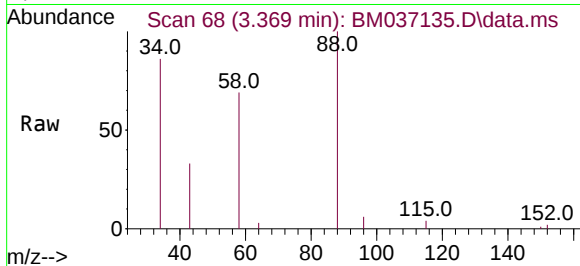




#2
1,4-Dioxane
Concen: 1.597 ng/ul
RT: 3.369 min Scan# 68
Delta R.T. -0.004 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

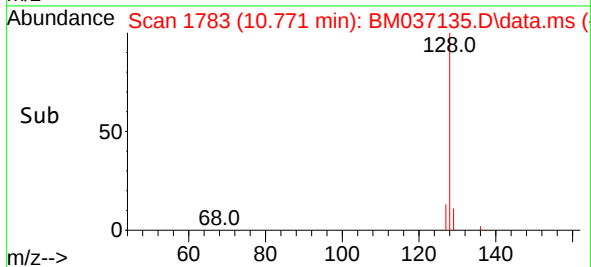
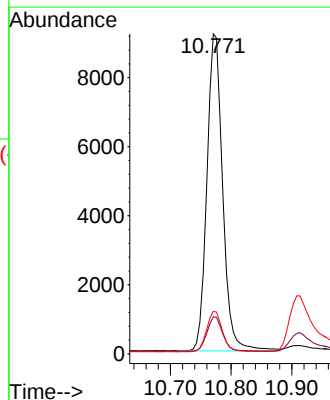
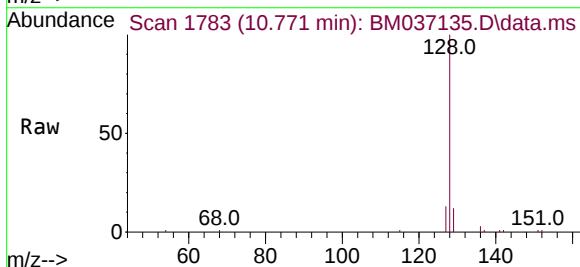
Instrument :
BNA_M
ClientSampleId :
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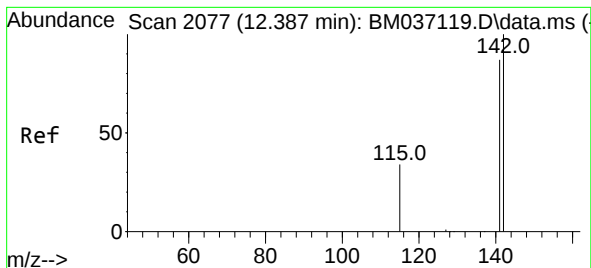
Tgt Ion: 88 Resp: 10943
Ion Ratio Lower Upper
88 100
43 32.8 37.8 56.6#
58 68.8 42.6 63.8#



#5
Naphthalene
Concen: 0.317 ng/ul
RT: 10.771 min Scan# 1783
Delta R.T. -0.011 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

Tgt Ion: 128 Resp: 16653
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.2
127 13.3 11.7 17.5

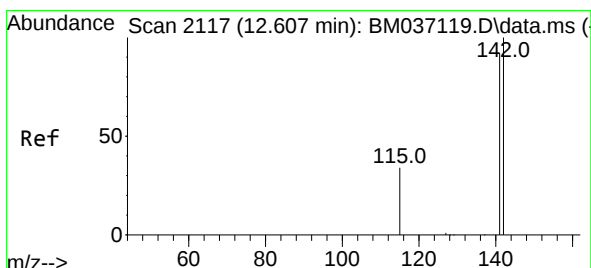
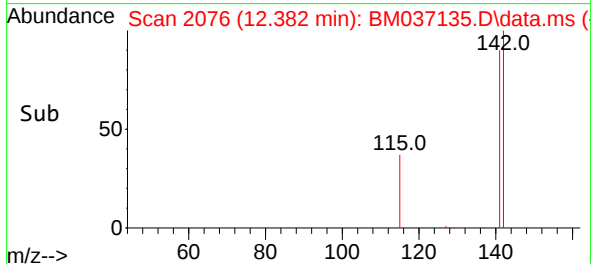
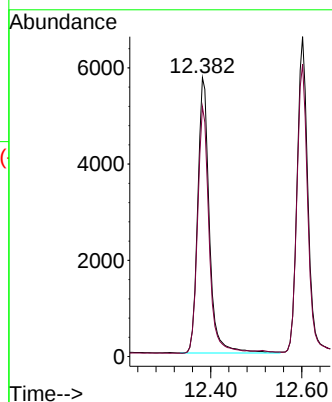
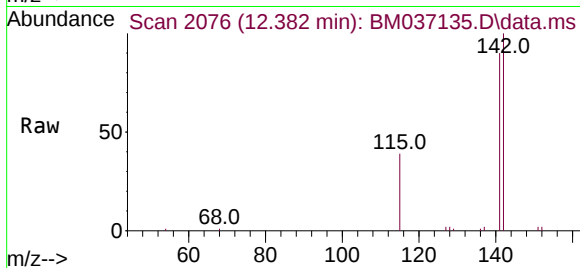




#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.382 min Scan# 2077
Delta R.T. -0.011 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

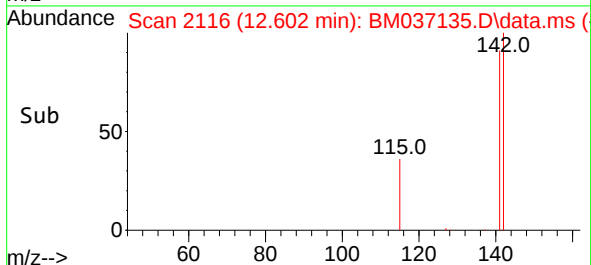
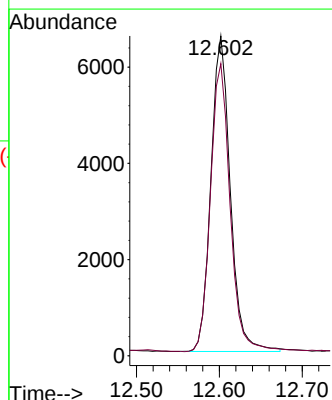
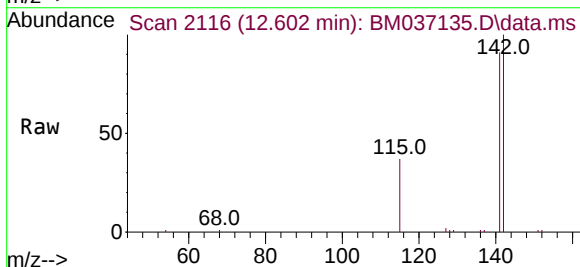
Instrument :
BNA_M
ClientSampleId :
SLCS300

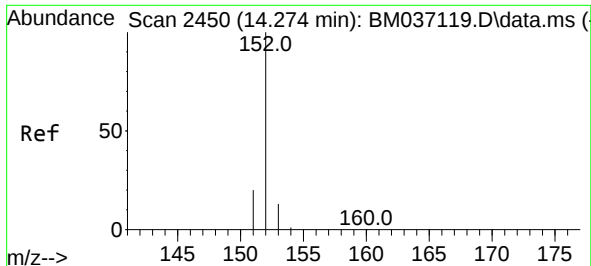
Tgt Ion:142 Resp: 10142
Ion Ratio Lower Upper
142 100
141 90.2 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

Tgt Ion:142 Resp: 10660
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1

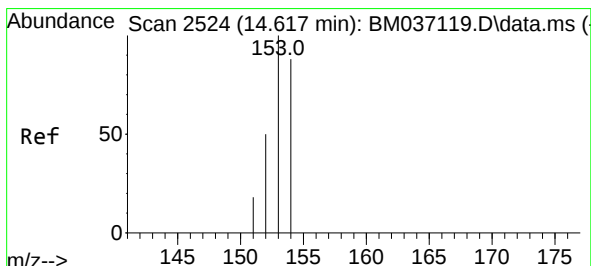
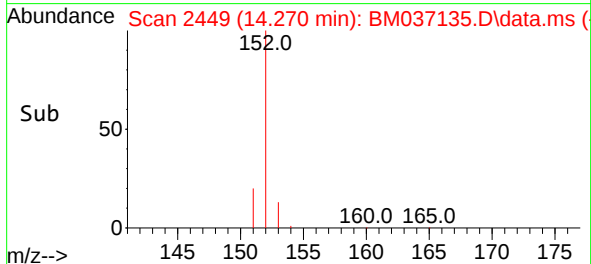
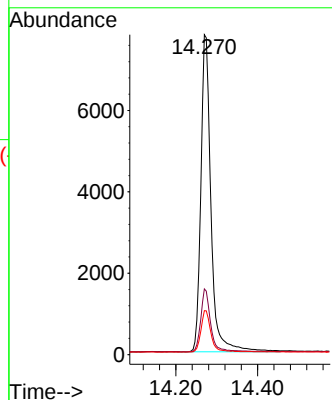
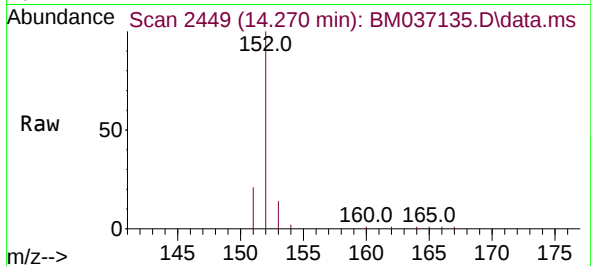




#10
Acenaphthylene
Concen: 0.349 ng/ul
RT: 14.270 min Scan# 2450
Delta R.T. -0.009 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

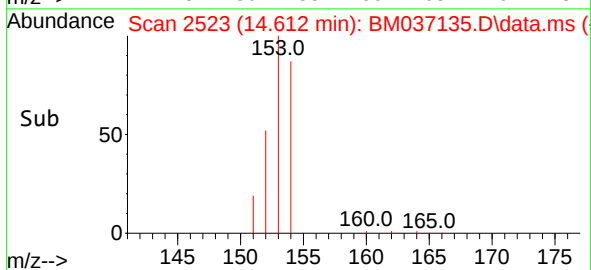
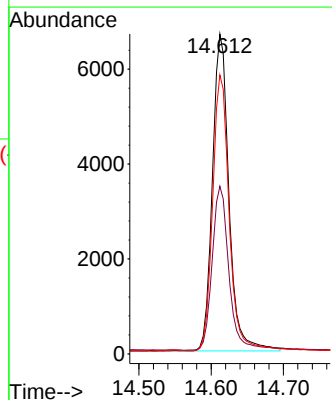
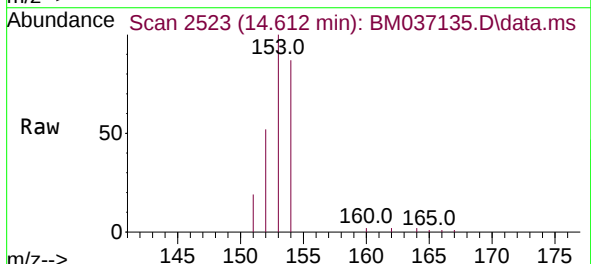
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BNA_M
ClientSampleId :
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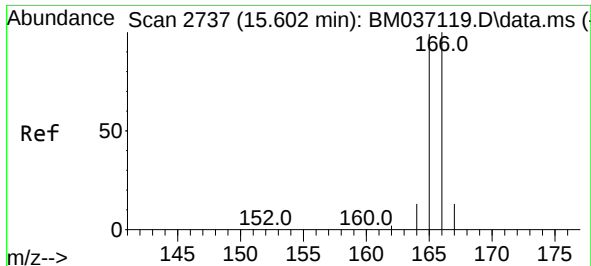
Tgt Ion:152 Resp: 13421
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8
153 13.7 11.4 17.0



#11
Acenaphthene
Concen: 0.319 ng/ul
RT: 14.612 min Scan# 2523
Delta R.T. -0.004 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

Tgt Ion:153 Resp: 10639
Ion Ratio Lower Upper
153 100
152 52.4 40.2 60.4
154 87.2 69.7 104.5

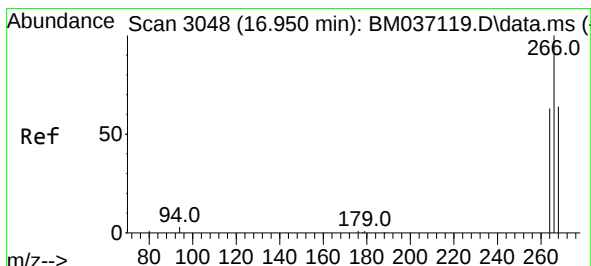
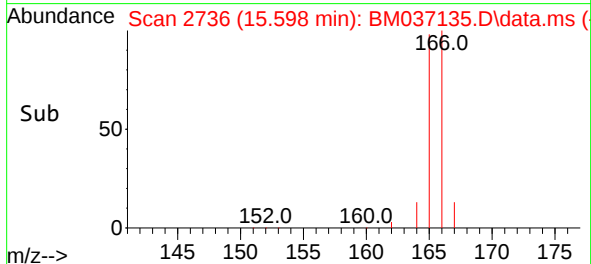
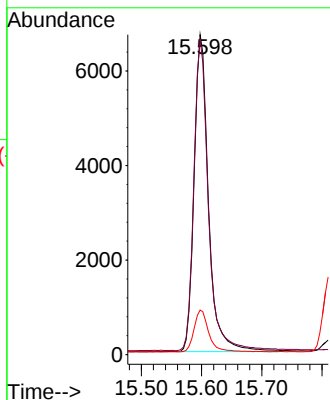
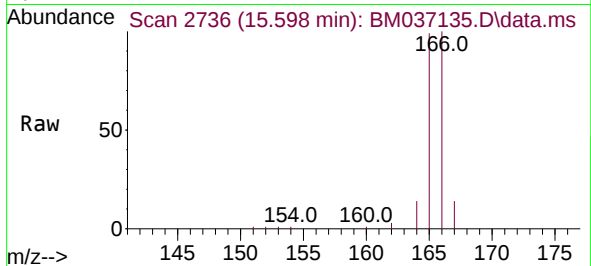




#12
Fluorene
Concen: 0.296 ng/ul
RT: 15.598 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

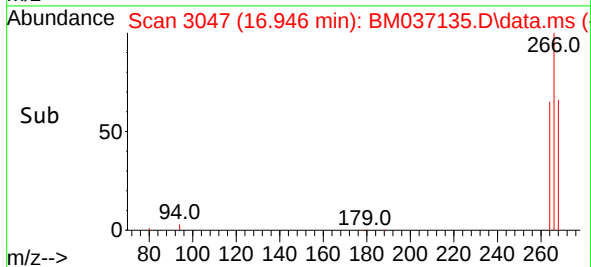
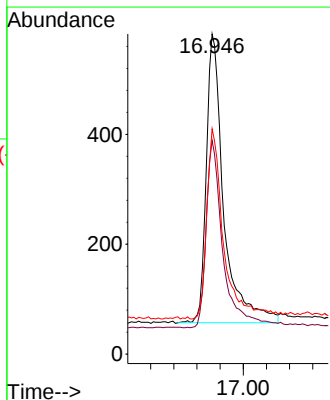
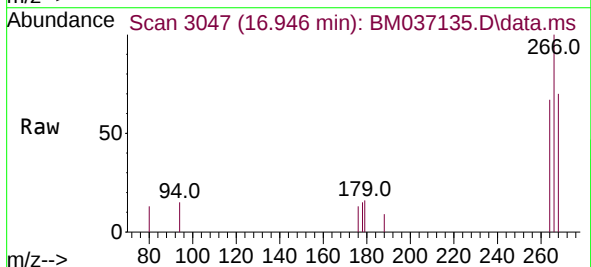
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BNA_M
ClientSampleId :
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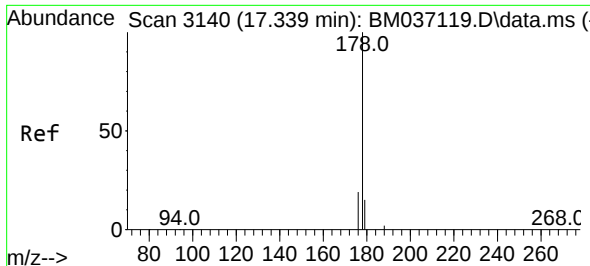
Tgt Ion:166 Resp: 11182
Ion Ratio Lower Upper
166 100
165 98.6 78.9 118.3
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.277 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. -0.004 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

Tgt Ion:266 Resp: 1100
Ion Ratio Lower Upper
266 100
264 62.7 50.3 75.5
268 64.3 53.5 80.3

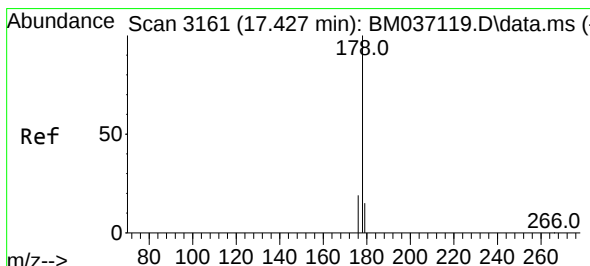
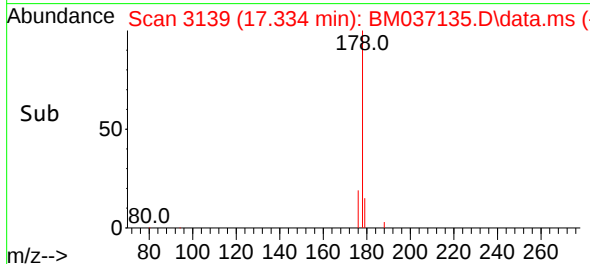
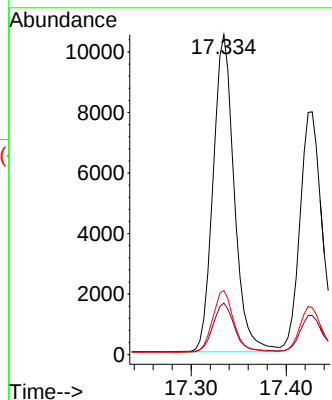
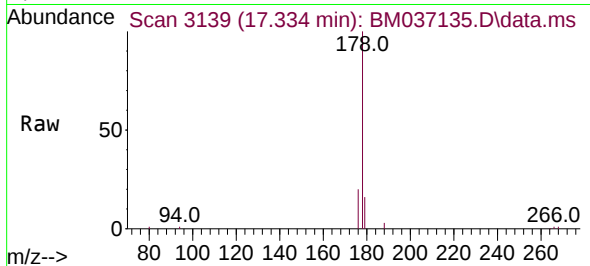




#15
Phenanthrene
Concen: 0.309 ng/ul
RT: 17.334 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

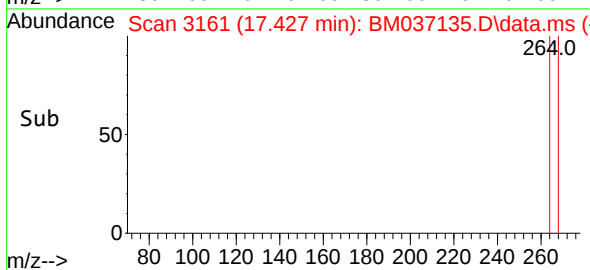
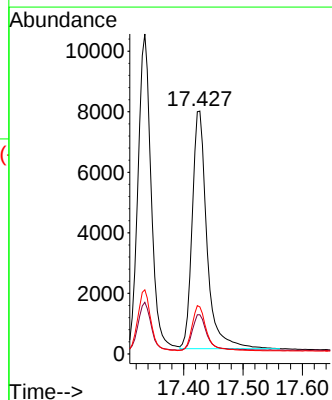
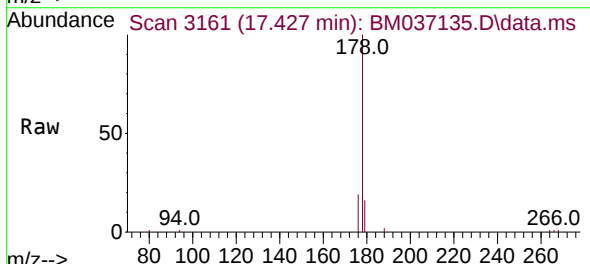
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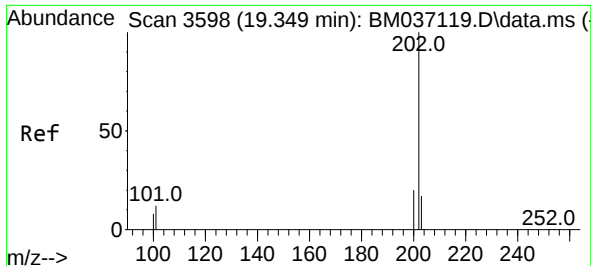
Tgt Ion:178 Resp: 16173
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.6
176 20.0 15.6 23.4



#16
Anthracene
Concen: 0.310 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

Tgt Ion:178 Resp: 13577
Ion Ratio Lower Upper
178 100
179 16.1 13.6 20.4
176 19.3 15.6 23.4

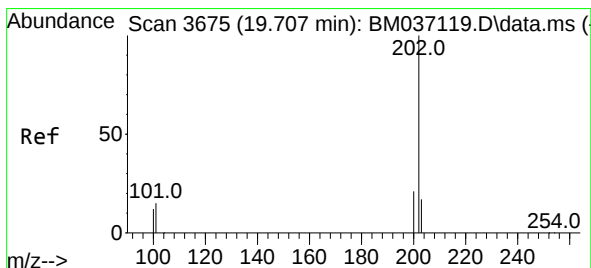
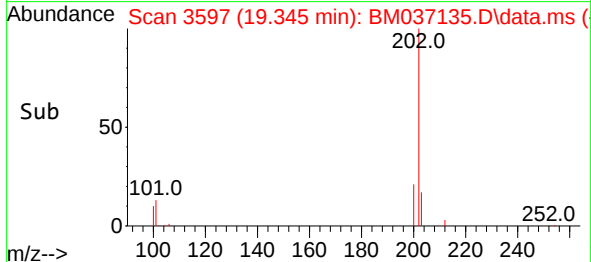
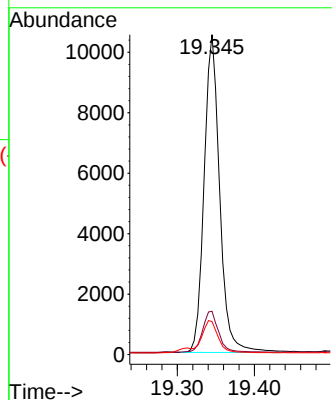
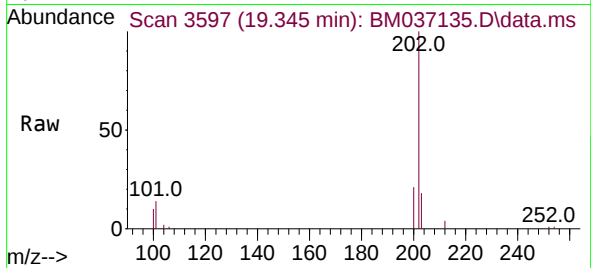




#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.345 min Scan# 3597
Delta R.T. -0.005 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

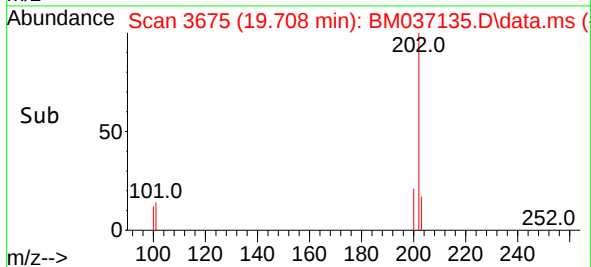
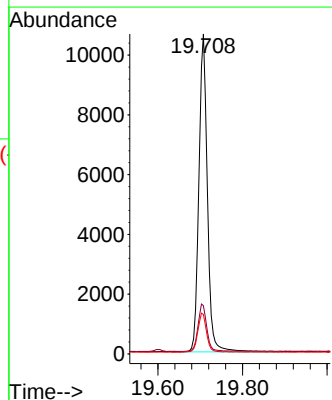
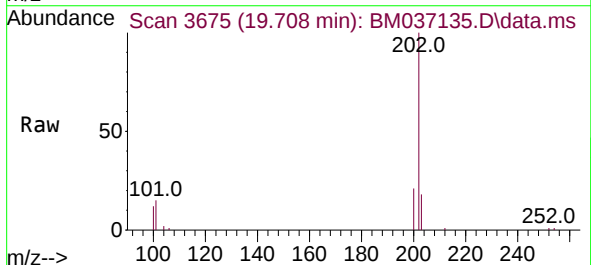
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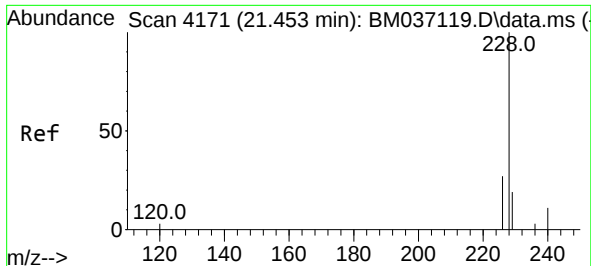
Tgt Ion:202 Resp: 14771
Ion Ratio Lower Upper
202 100
101 13.5 10.1 15.1
100 10.3 7.9 11.9



#20
Pyrene
Concen: 0.366 ng/ul
RT: 19.708 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

Tgt Ion:202 Resp: 14810
Ion Ratio Lower Upper
202 100
101 15.1 12.0 18.0
100 12.3 9.8 14.6

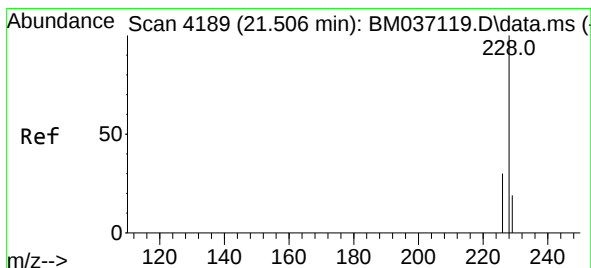
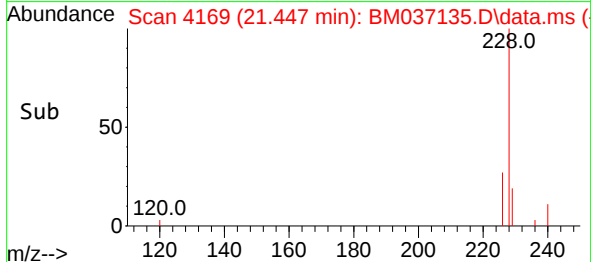
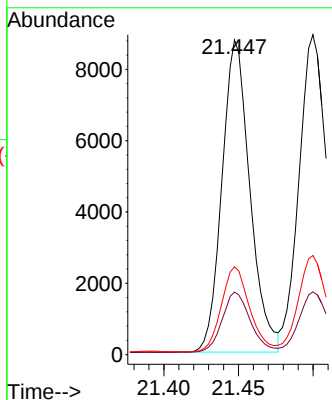
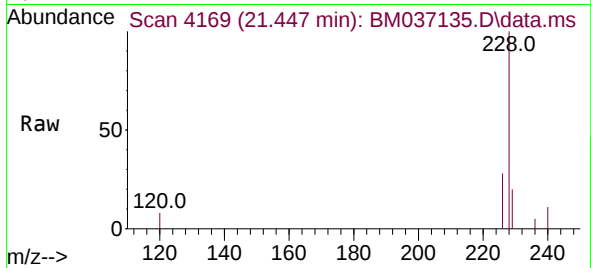




#21
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.447 min Scan# 4171
Delta R.T. -0.003 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

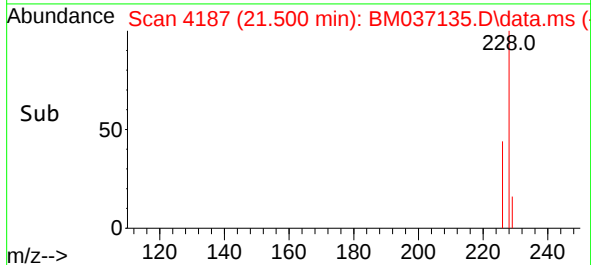
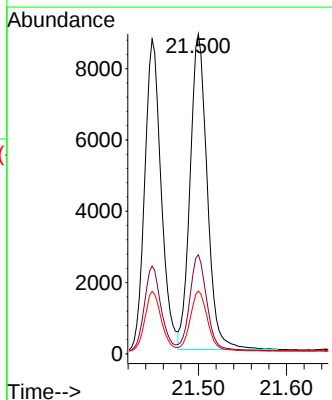
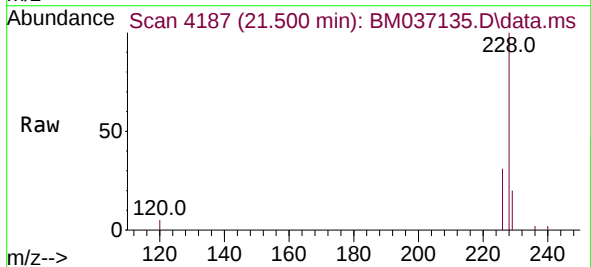
Instrument :
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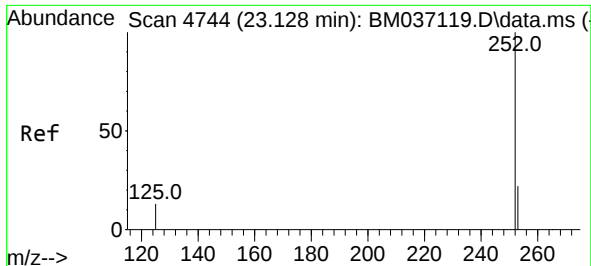
Tgt Ion:228 Resp: 11439
Ion Ratio Lower Upper
228 100
229 19.8 16.2 24.2
226 27.9 22.5 33.7



#22
Chrysene
Concen: 0.315 ng/ul
RT: 21.500 min Scan# 4187
Delta R.T. -0.003 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

Tgt Ion:228 Resp: 11924
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 19.6 16.4 24.6

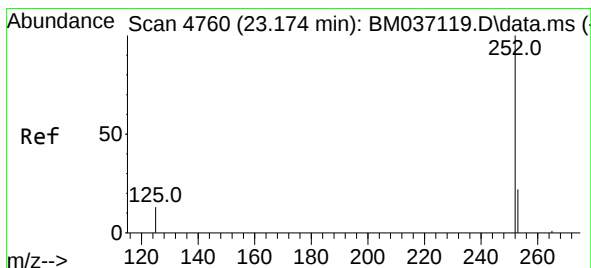
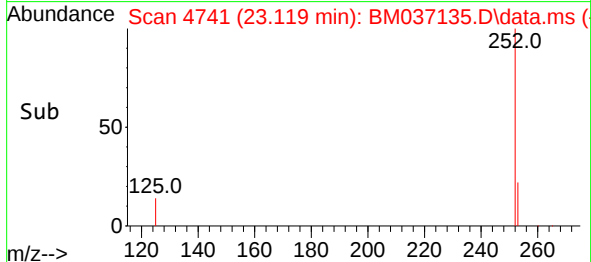
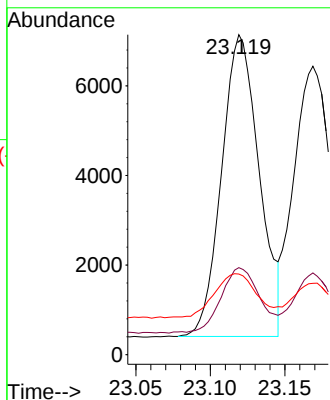
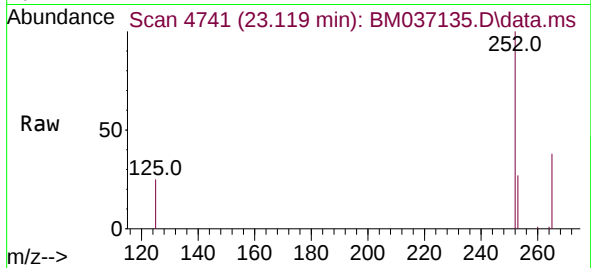




#24
Benzo(b)fluoranthene
Concen: 0.323 ng/ul
RT: 23.119 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

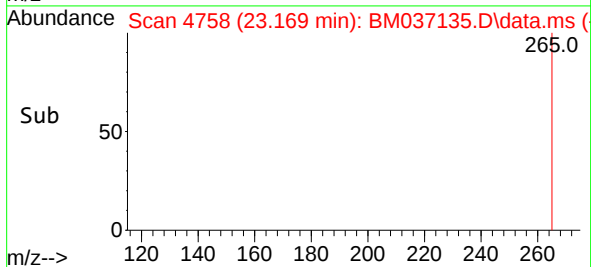
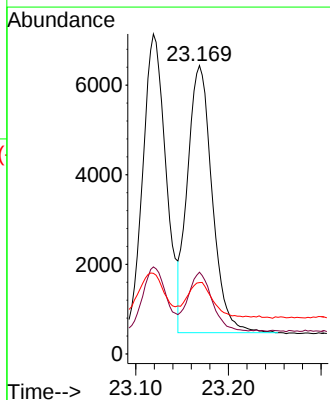
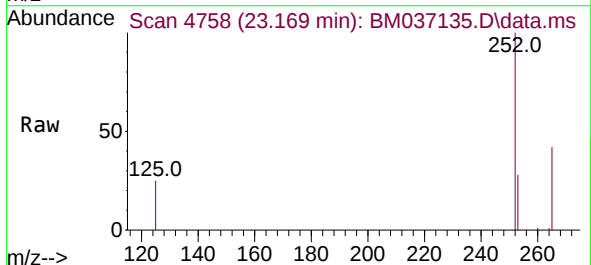
Instrument :
BNA_M
ClientSampleId :
SLCS300

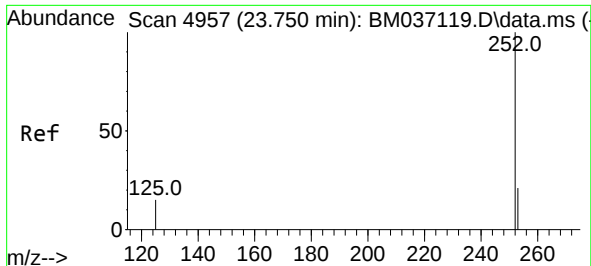
Tgt Ion:252 Resp: 11834
Ion Ratio Lower Upper
252 100
253 27.2 0.0 61.4
125 25.2 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.309 ng/ul
RT: 23.169 min Scan# 4758
Delta R.T. 0.000 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

Tgt Ion:252 Resp: 11042
Ion Ratio Lower Upper
252 100
253 28.3 25.2 37.8
125 24.7 18.3 27.5

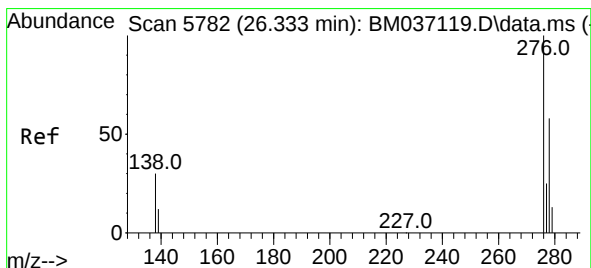
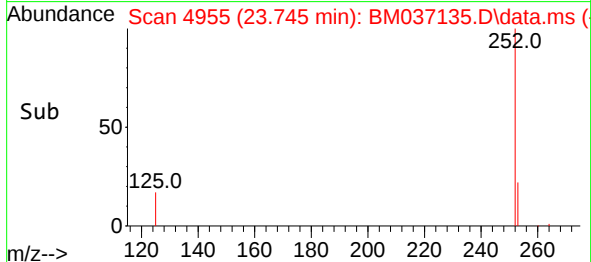
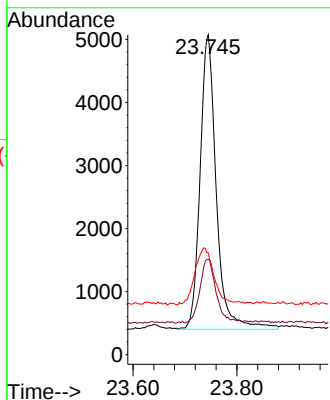
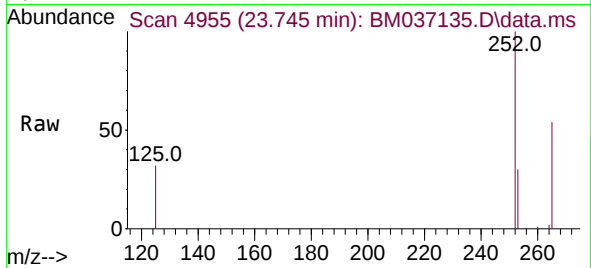




#26
Benzo(a)pyrene
Concen: 0.339 ng/ul
RT: 23.745 min Scan# 4957
Delta R.T. 0.000 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

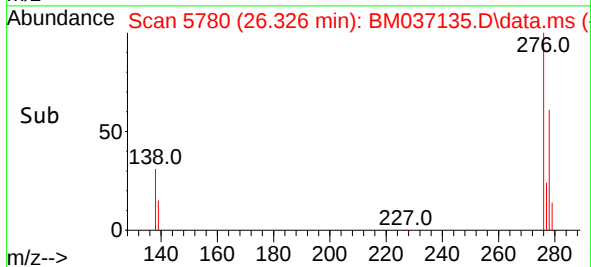
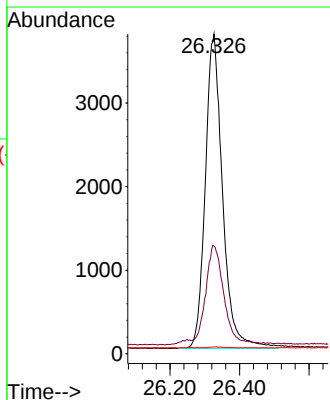
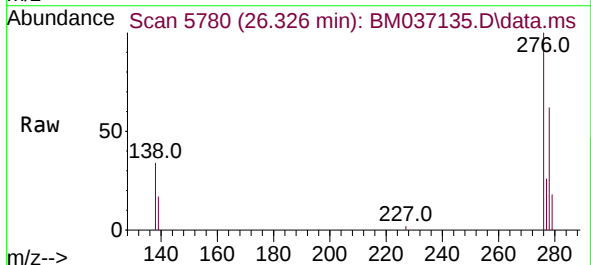
Instrument :
BNA_M
ClientSampleId :
SLCS300

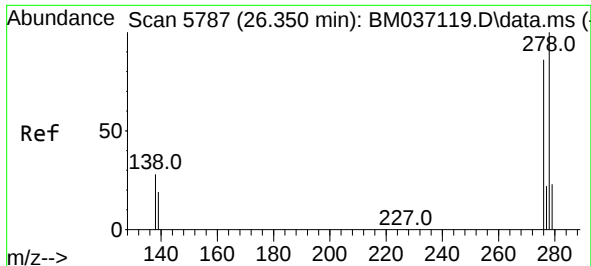
Tgt Ion:252 Resp: 10094
Ion Ratio Lower Upper
252 100
253 29.7 29.7 44.5
125 31.8 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.308 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. 0.000 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

Tgt Ion:276 Resp: 12988
Ion Ratio Lower Upper
276 100
138 32.3 23.9 35.9
227 0.3 0.1 0.1#

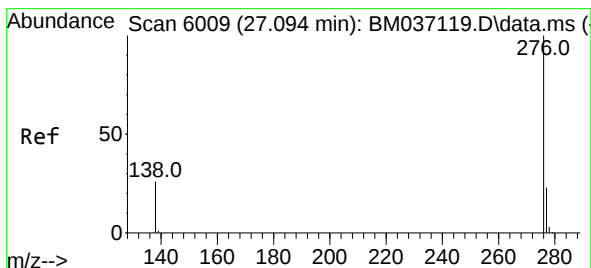
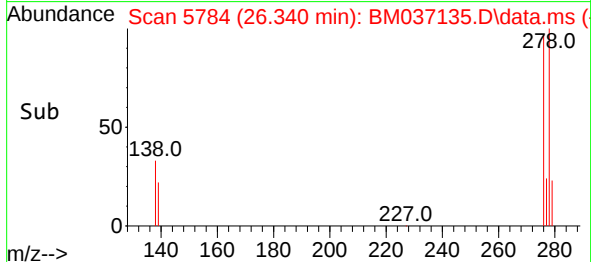
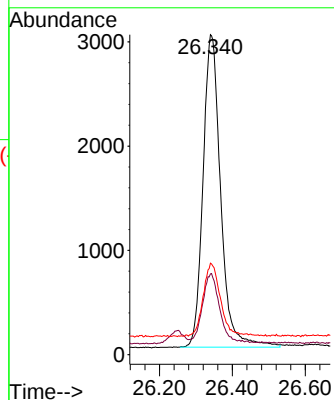
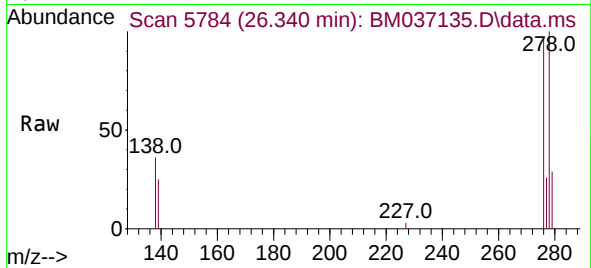




#28
Dibenzo(a,h)anthracene
Concen: 0.296 ng/ul
RT: 26.340 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

Instrument :
BNA_M
ClientSampleId :
SLCS300

Tgt Ion:278 Resp: 10086
Ion Ratio Lower Upper
278 100
139 25.2 19.8 29.6
279 28.6 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.299 ng/ul
RT: 27.084 min Scan# 6006
Delta R.T. -0.003 min
Lab File: BM037135.D
Acq: 18 Oct 2022 04:51

Tgt Ion:276 Resp: 11093
Ion Ratio Lower Upper
276 100
138 30.9 23.4 35.0
277 25.4 21.0 31.4

