

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082622\
 Data File : BM036424.D
 Acq On : 26 Aug 2022 13:52
 Operator : CG/JU
 Sample : SSTD3.261
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2013

Quant Time: Aug 26 14:22:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM082622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 13:25:55 2022
 Response via : Initial Calibration

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

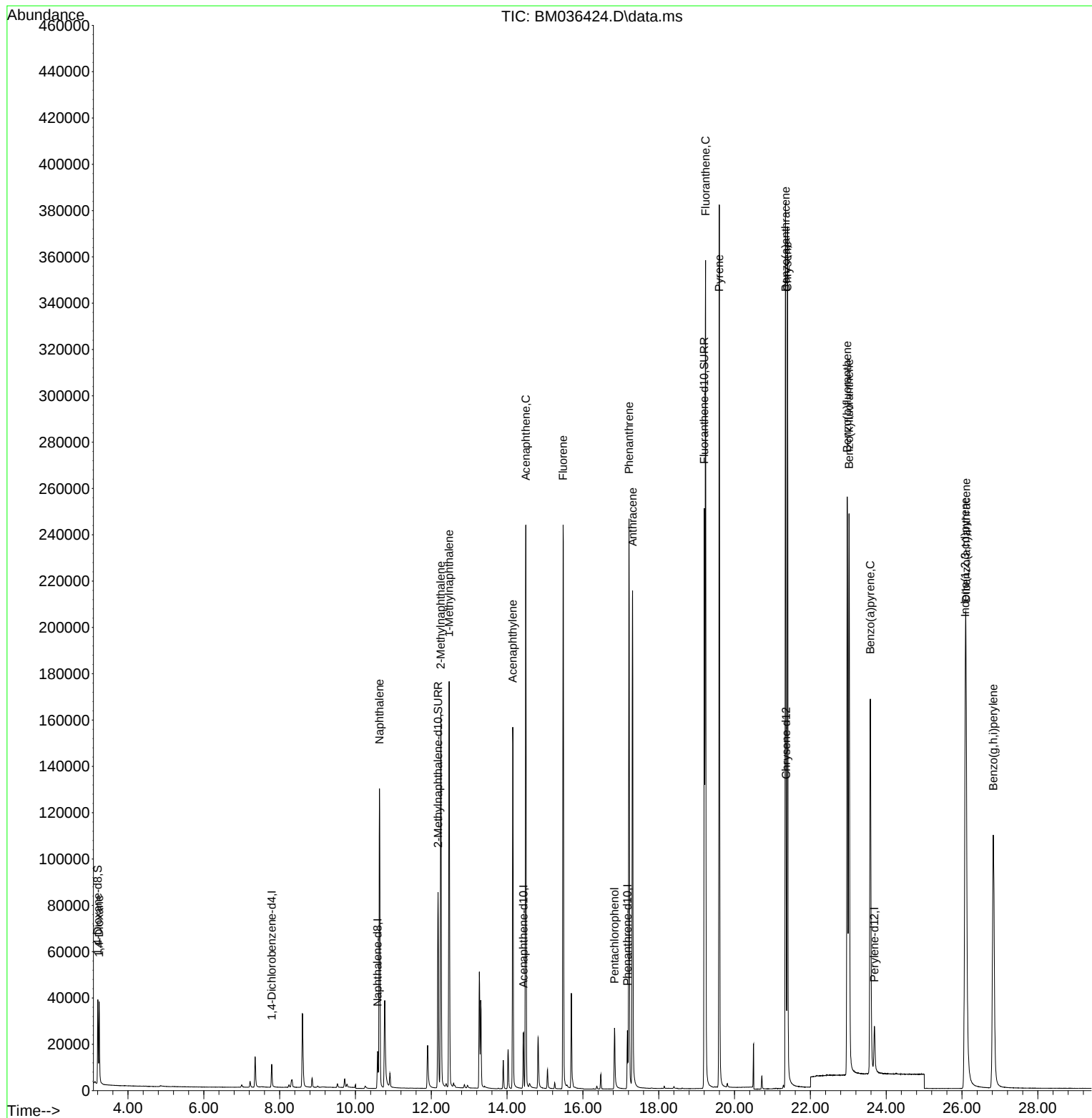
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	5507	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	21927	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.432	164	13384	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.174	188	29496	0.400	ng/ul	0.00
17) Chrysene-d12	21.360	240	49509	0.400	ng/ul	# 0.00
23) Perylene-d12	23.689	264	28850	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	21932	2.935	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.178	152	112719	3.283	ng/ul	-0.01
18) Fluoranthene-d10	19.201	212	269957	1.618	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	21287	2.880	ng/ul#	78
5) Naphthalene	10.633	128	177481	2.648	ng/ul	96
7) 2-Methylnaphthalene	12.250	142	118328	2.818	ng/ul	92
8) 1-Methylnaphthalene	12.470	142	119776	3.016	ng/ul	99
10) Acenaphthylene	14.149	152	175161	2.495	ng/ul	98
11) Acenaphthene	14.492	153	134318	2.485	ng/ul	99
12) Fluorene	15.477	166	156484	2.513	ng/ul	99
14) Pentachlorophenol	16.832	266	20927	4.493	ng/ul	98
15) Phenanthrene	17.216	178	256258	2.397	ng/ul	98
16) Anthracene	17.309	178	244280	2.751	ng/ul	97
19) Fluoranthene	19.233	202	312471	1.260	ng/ul	96
20) Pyrene	19.596	202	322019	1.159	ng/ul	96
21) Benzo(a)anthracene	21.345	228	317662	1.855	ng/ul	98
22) Chrysene	21.395	228	321728	1.462	ng/ul	98
24) Benzo(b)fluoranthene	22.973	252	322816	2.611	ng/ul	82
25) Benzo(k)fluoranthene	23.020	252	328005	2.596	ng/ul#	80
26) Benzo(a)pyrene	23.581	252	264875	2.096	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	26.085	276	288722	2.098	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.105	278	250620	2.298	ng/ul#	83
29) Benzo(g,h,i)perylene	26.823	276	262836	2.070	ng/ul#	91

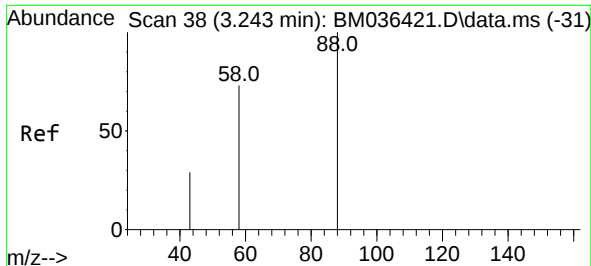
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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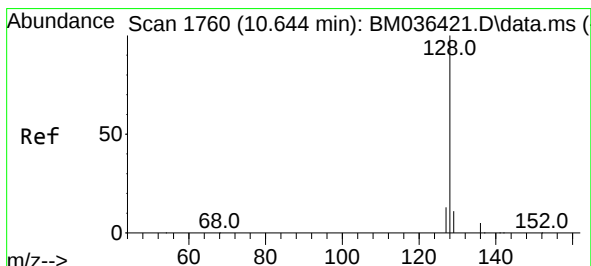
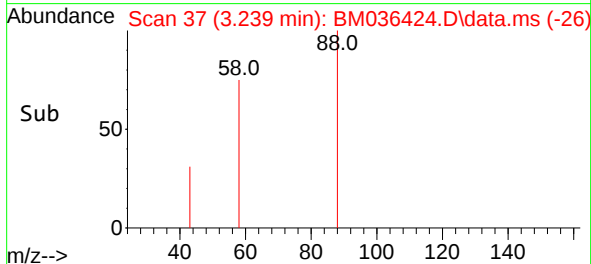
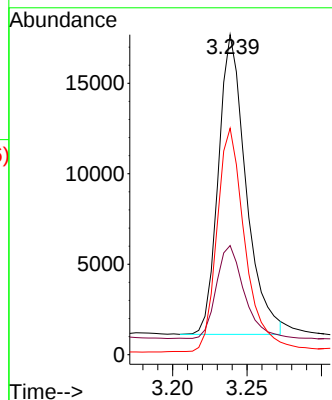
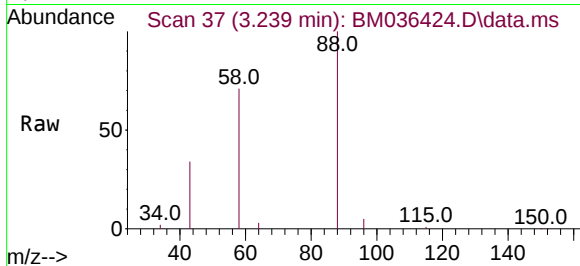




#2
1,4-Dioxane
Concen: 2.880 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

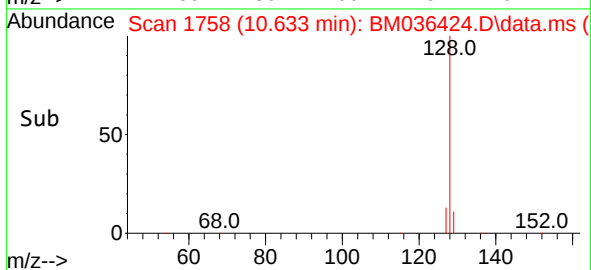
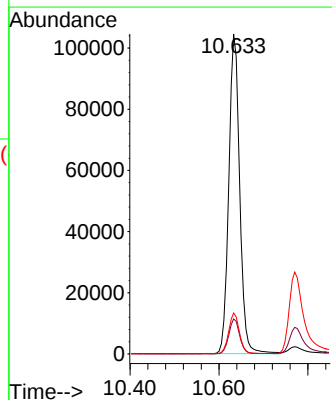
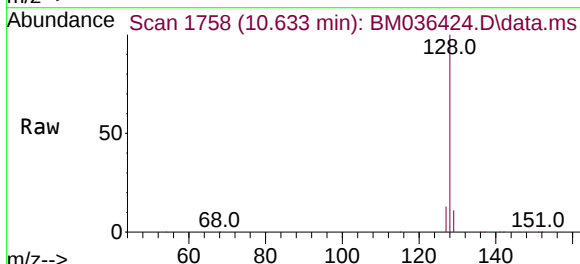
Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

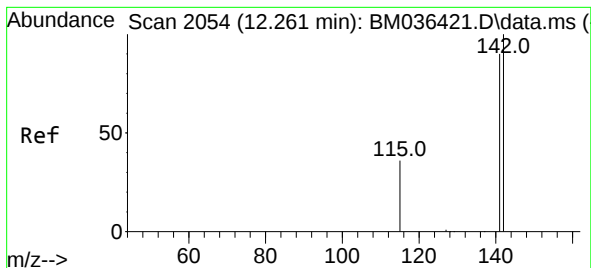
Tgt Ion: 88 Resp: 21287
Ion Ratio Lower Upper
88 100
43 34.1 37.8 56.6#
58 70.7 42.6 63.8#



#5
Naphthalene
Concen: 2.648 ng/ul
RT: 10.633 min Scan# 1758
Delta R.T. -0.011 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

Tgt Ion: 128 Resp: 177481
Ion Ratio Lower Upper
128 100
129 11.0 10.2 15.2
127 12.8 11.7 17.5





#7

2-Methylnaphthalene

Concen: 2.818 ng/ul

RT: 12.250 min Scan# 2052

Delta R.T. -0.011 min

Lab File: BM036424.D

Acq: 26 Aug 2022 13:52

Instrument :

BNA_M

ClientSampleId :

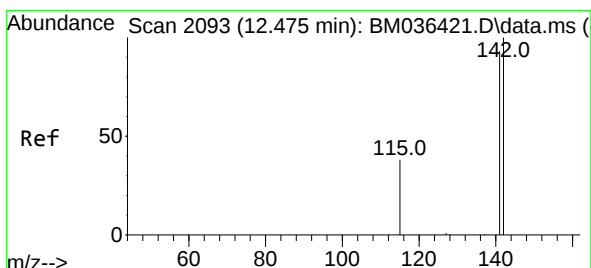
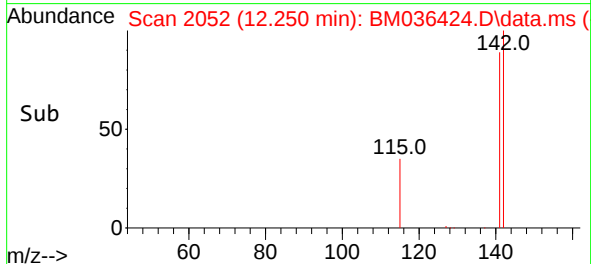
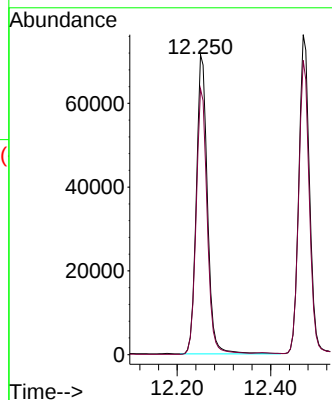
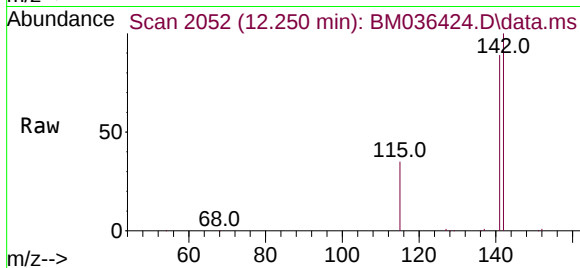
SSTD3.2013

Tgt Ion:142 Resp: 118328

Ion Ratio Lower Upper

142 100

141 88.4 77.4 116.0



#8

1-Methylnaphthalene

Concen: 3.016 ng/ul

RT: 12.470 min Scan# 2092

Delta R.T. -0.006 min

Lab File: BM036424.D

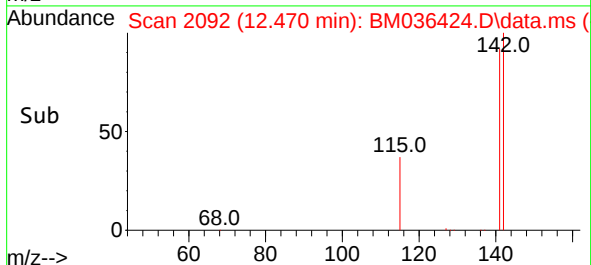
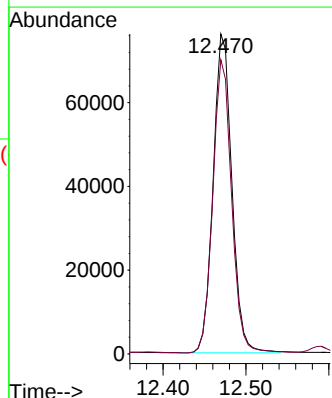
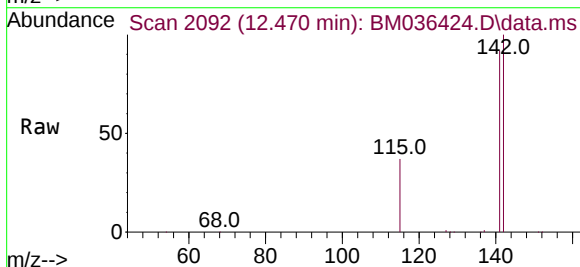
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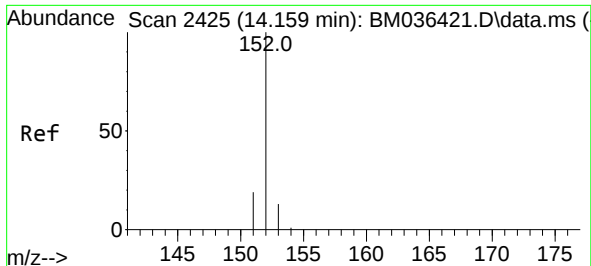
Tgt Ion:142 Resp: 119776

Ion Ratio Lower Upper

142 100

141 91.9 74.1 111.1

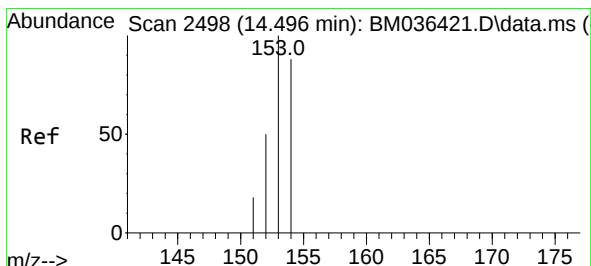
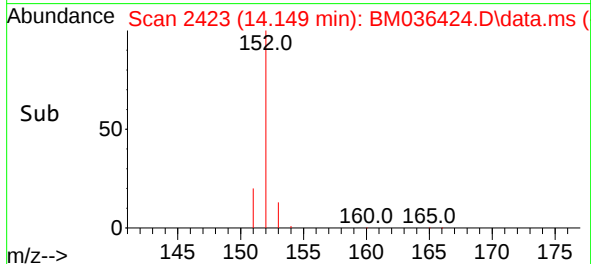
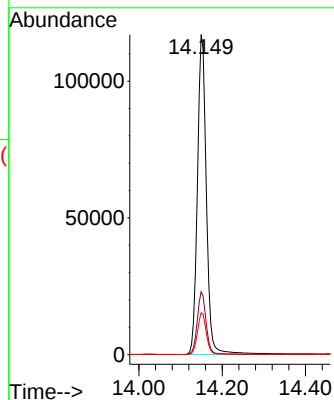
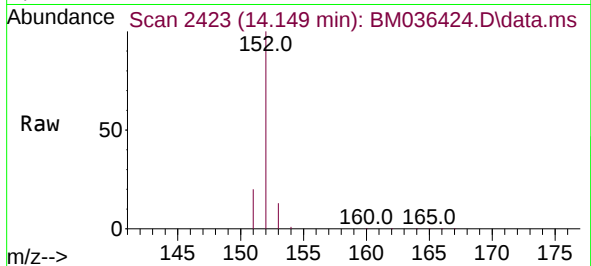




#10
Acenaphthylene
Concen: 2.495 ng/ul
RT: 14.149 min Scan# 2425
Delta R.T. -0.009 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

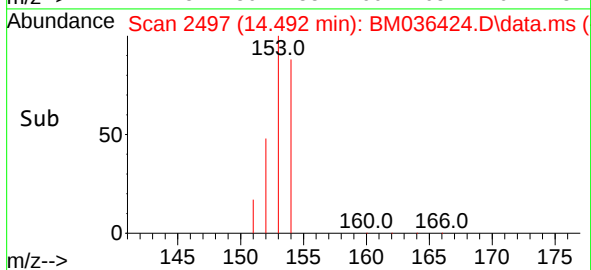
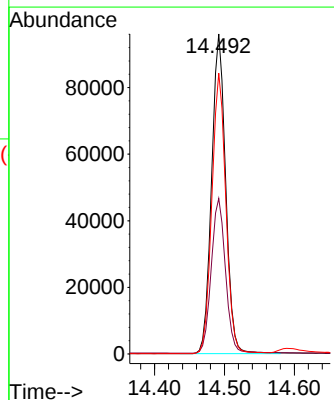
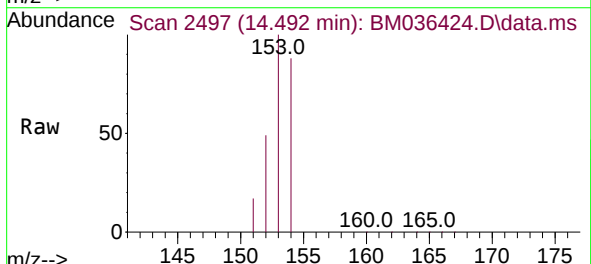
Instrument :
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SSTD3.2013

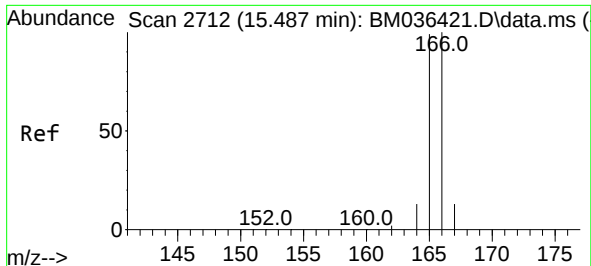
Tgt Ion:152 Resp: 175161
Ion Ratio Lower Upper
152 100
151 19.7 16.6 24.8
153 13.1 11.4 17.0



#11
Acenaphthene
Concen: 2.485 ng/ul
RT: 14.492 min Scan# 2497
Delta R.T. -0.005 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

Tgt Ion:153 Resp: 134318
Ion Ratio Lower Upper
153 100
152 48.6 40.2 60.4
154 87.7 69.7 104.5

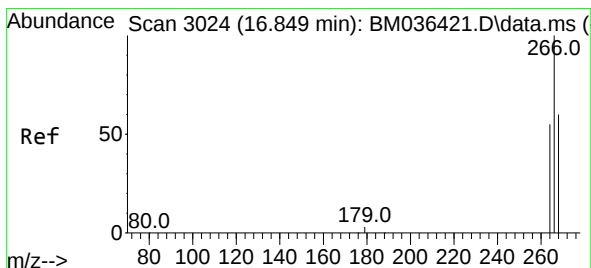
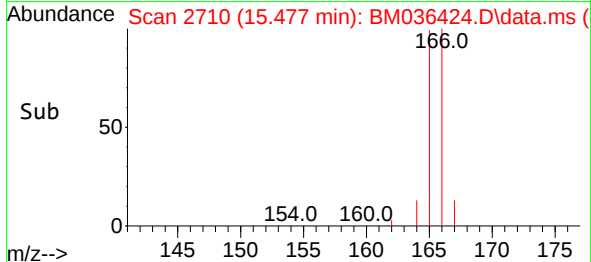
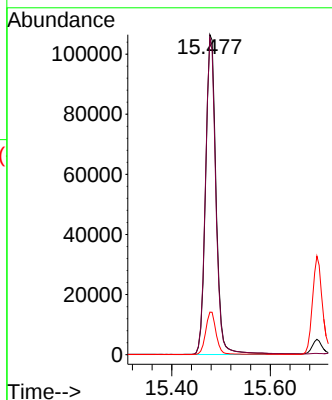
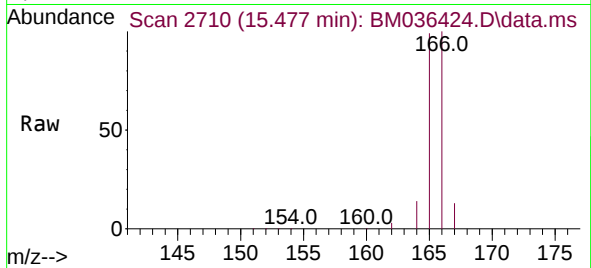




#12
Fluorene
Concen: 2.513 ng/ul
RT: 15.477 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

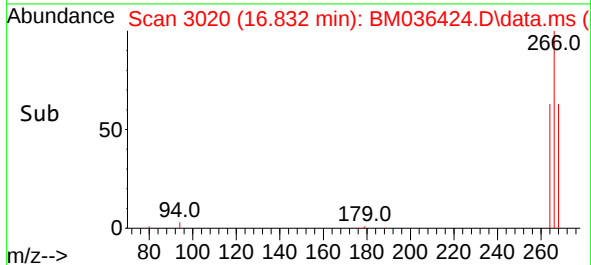
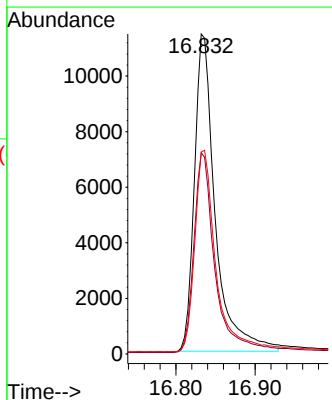
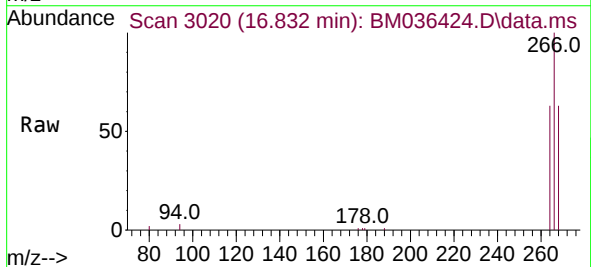
Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

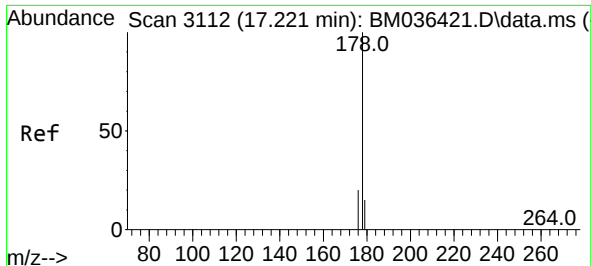
Tgt Ion:166 Resp: 156484
Ion Ratio Lower Upper
166 100
165 99.0 78.9 118.3
167 13.3 11.3 16.9



#14
Pentachlorophenol
Concen: 4.493 ng/ul
RT: 16.832 min Scan# 3020
Delta R.T. -0.017 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

Tgt Ion:266 Resp: 20927
Ion Ratio Lower Upper
266 100
264 62.9 50.3 75.5
268 64.4 53.5 80.3

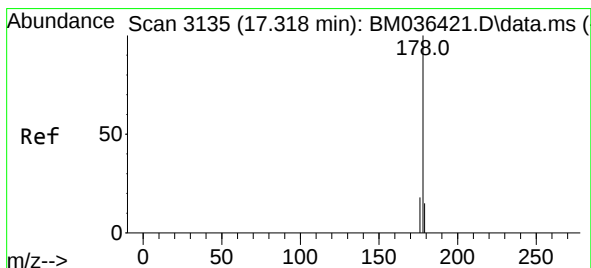
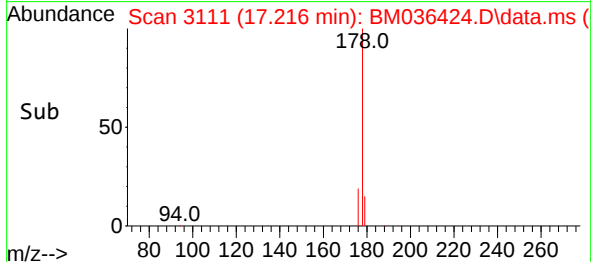
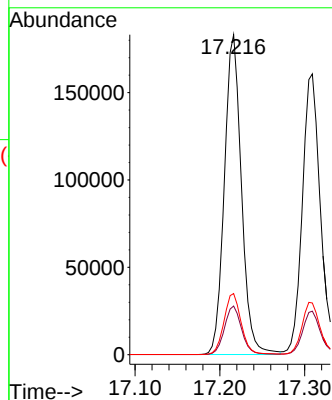
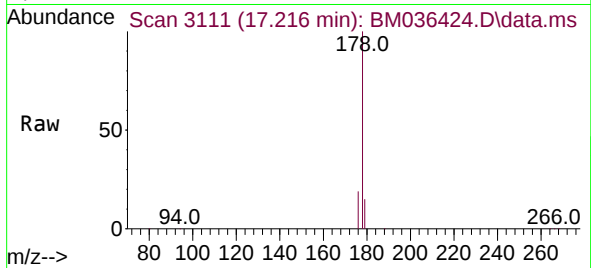




#15
Phenanthrene
Concen: 2.397 ng/ul
RT: 17.216 min Scan# 3111
Delta R.T. -0.004 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

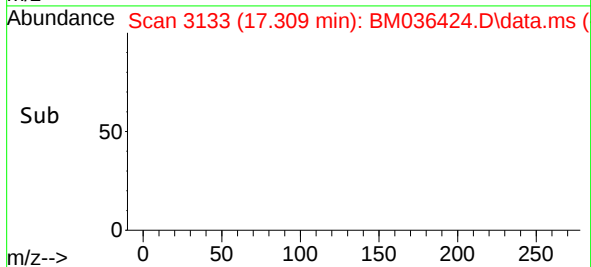
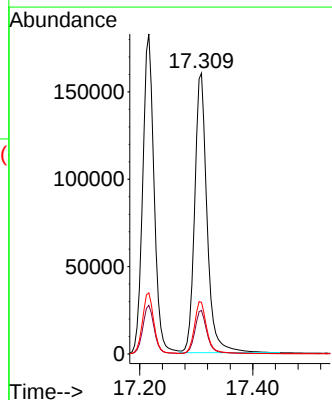
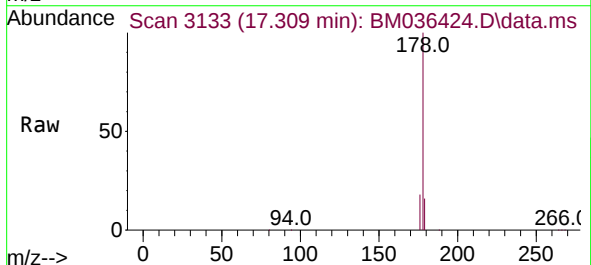
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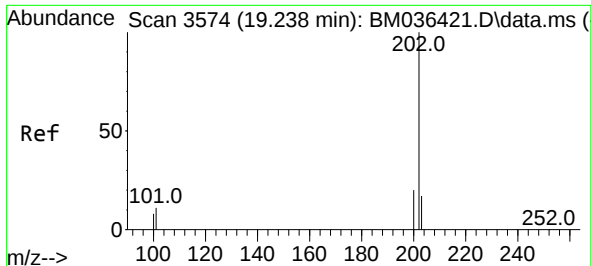
Tgt Ion:178 Resp: 256258
Ion Ratio Lower Upper
178 100
179 15.2 13.0 19.6
176 19.1 15.6 23.4



#16
Anthracene
Concen: 2.751 ng/ul
RT: 17.309 min Scan# 3133
Delta R.T. -0.009 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

Tgt Ion:178 Resp: 244280
Ion Ratio Lower Upper
178 100
179 15.5 13.6 20.4
176 18.4 15.6 23.4

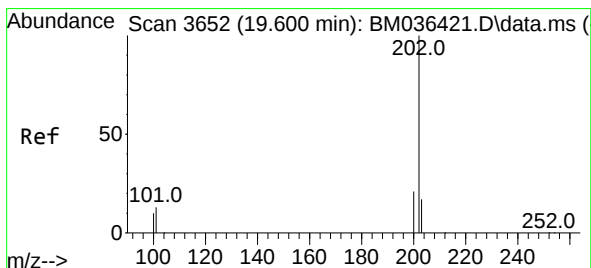
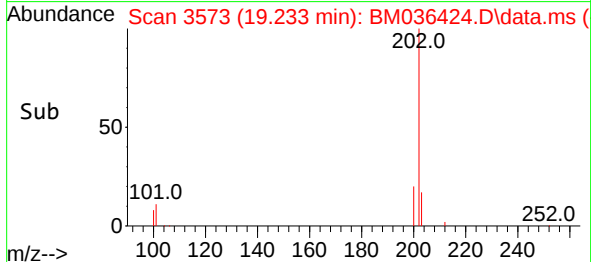
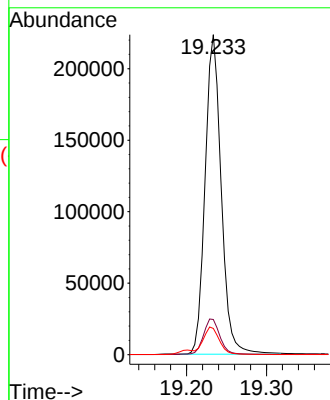
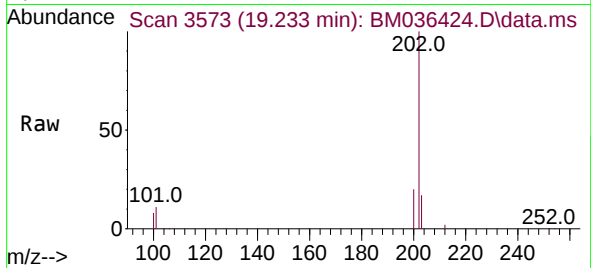




#19
Fluoranthene
Concen: 1.260 ng/ul
RT: 19.233 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

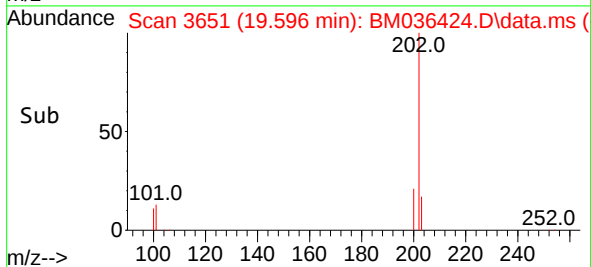
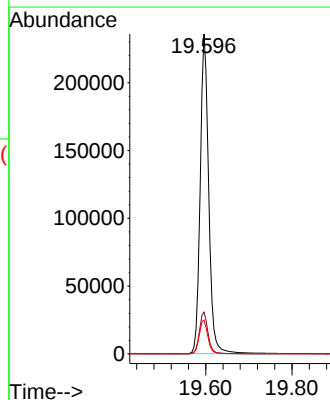
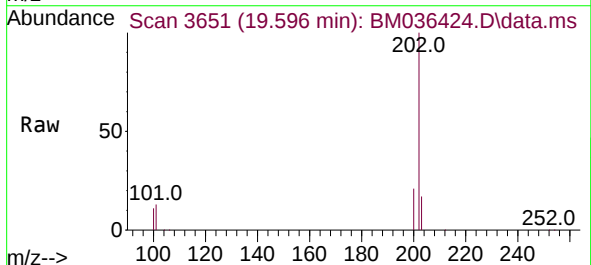
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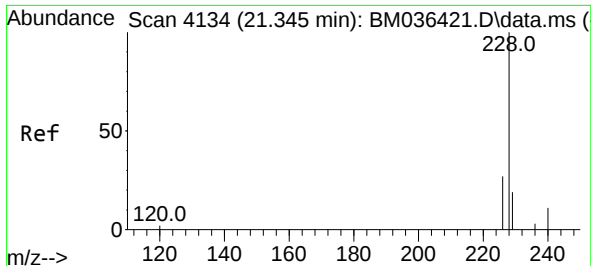
Tgt Ion:202 Resp: 312471
Ion Ratio Lower Upper
202 100
101 11.0 10.1 15.1
100 8.2 7.9 11.9



#20
Pyrene
Concen: 1.159 ng/ul
RT: 19.596 min Scan# 3651
Delta R.T. -0.004 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

Tgt Ion:202 Resp: 322019
Ion Ratio Lower Upper
202 100
101 13.0 12.0 18.0
100 10.6 9.8 14.6

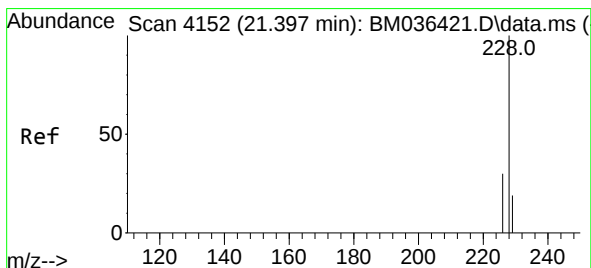
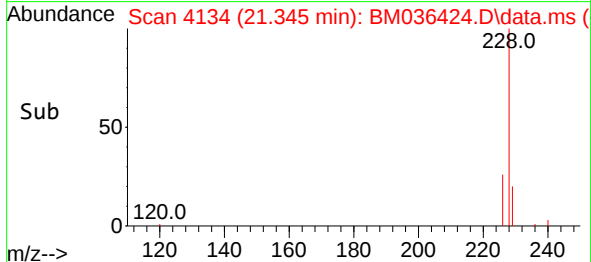
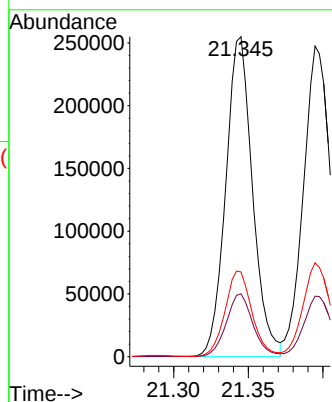
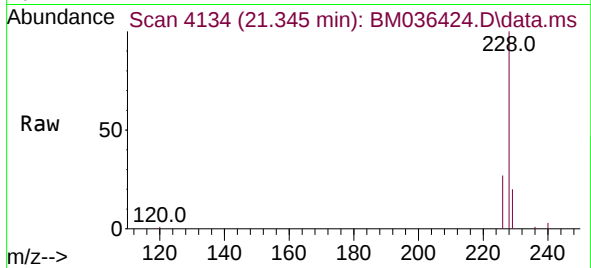




#21
Benzo(a)anthracene
Concen: 1.855 ng/ul
RT: 21.345 min Scan# 4134
Delta R.T. 0.000 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

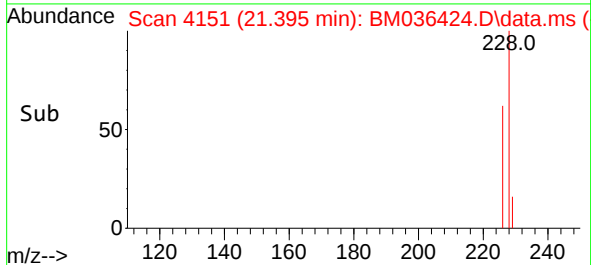
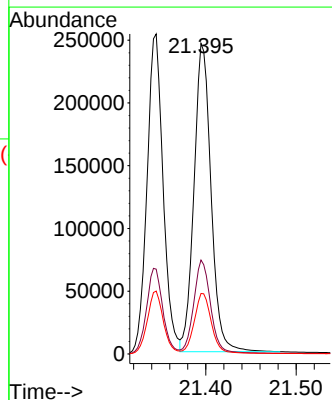
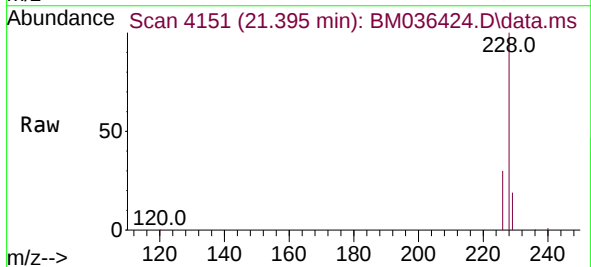
Instrument :
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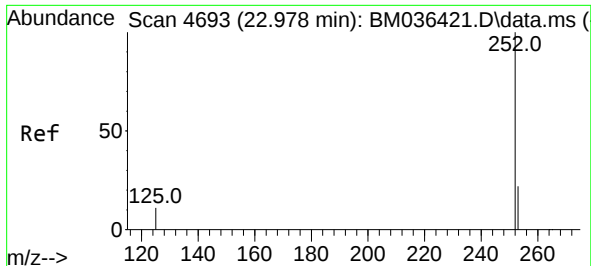
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Ion Ratio Lower Upper
228 100
229 19.7 16.2 24.2
226 26.5 22.5 33.7



#22
Chrysene
Concen: 1.462 ng/ul
RT: 21.395 min Scan# 4151
Delta R.T. -0.003 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

Tgt Ion:228 Resp: 321728
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 19.5 16.4 24.6

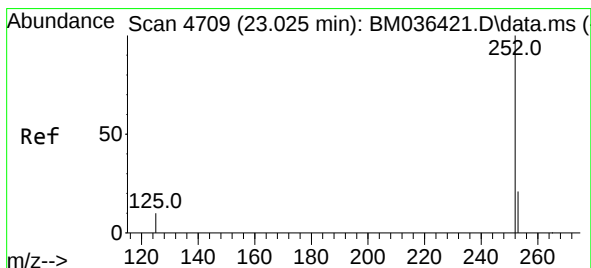
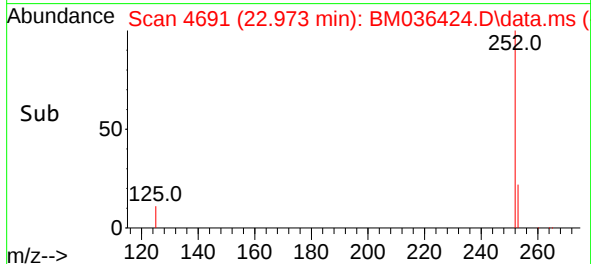
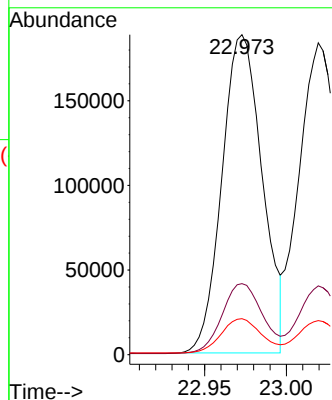
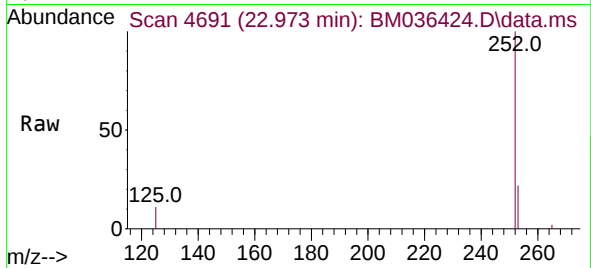




#24
Benzo(b)fluoranthene
Concen: 2.611 ng/ul
RT: 22.973 min Scan# 4691
Delta R.T. -0.006 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

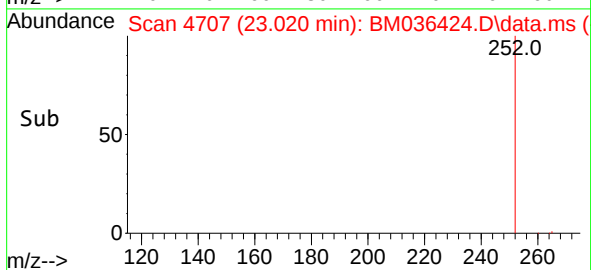
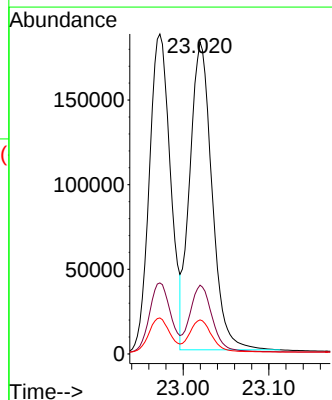
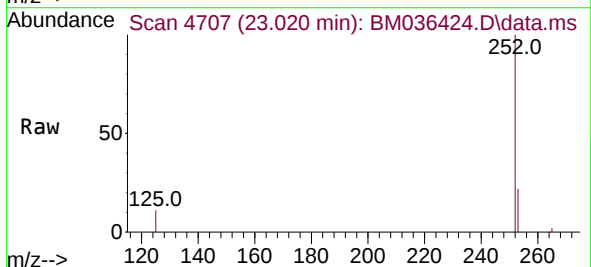
Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

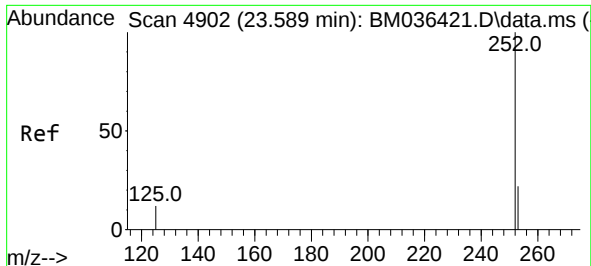
Tgt Ion:252 Resp: 322816
Ion Ratio Lower Upper
252 100
253 22.2 0.0 61.4
125 11.2 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 2.596 ng/ul
RT: 23.020 min Scan# 4707
Delta R.T. -0.006 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

Tgt Ion:252 Resp: 328005
Ion Ratio Lower Upper
252 100
253 22.1 25.2 37.8#
125 10.9 18.3 27.5#

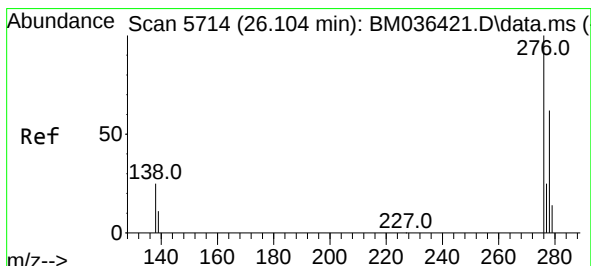
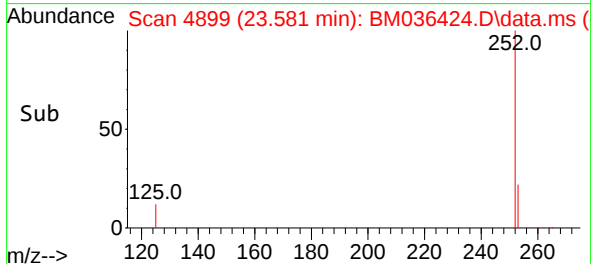
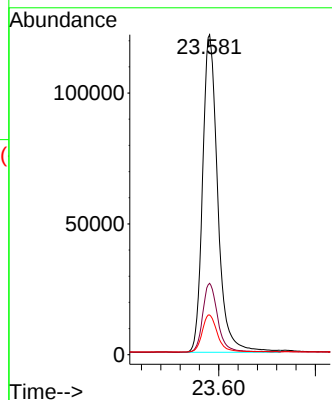
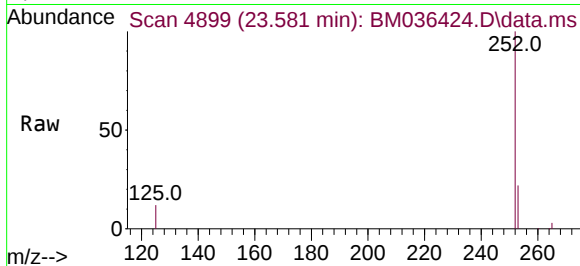




#26
Benzo(a)pyrene
Concen: 2.096 ng/ul
RT: 23.581 min Scan# 41
Delta R.T. -0.008 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

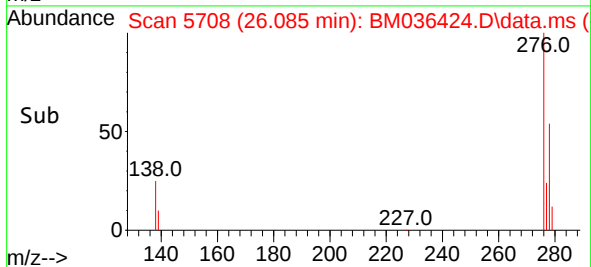
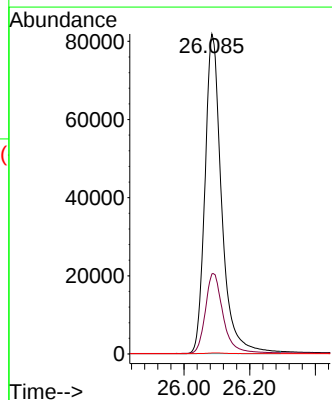
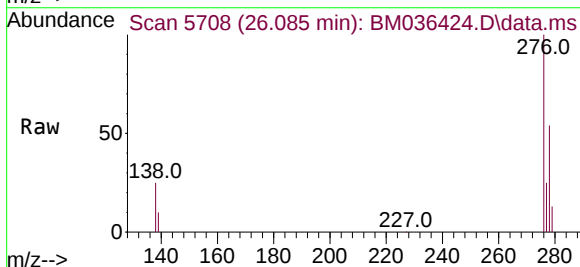
Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

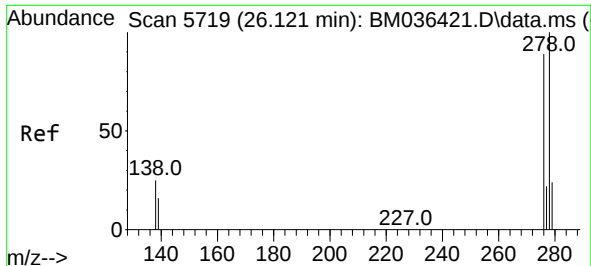
Tgt Ion:252 Resp: 264875
Ion Ratio Lower Upper
252 100
253 22.3 29.7 44.5#
125 12.4 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.098 ng/ul
RT: 26.085 min Scan# 5708
Delta R.T. -0.020 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

Tgt Ion:276 Resp: 288722
Ion Ratio Lower Upper
276 100
138 26.7 23.9 35.9
227 0.2 0.1 0.1#

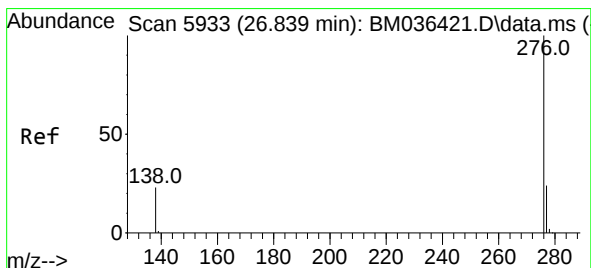
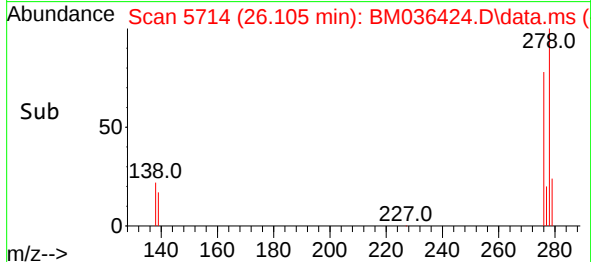
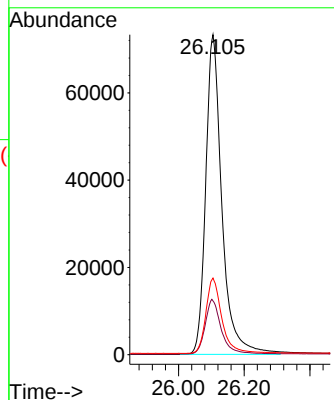
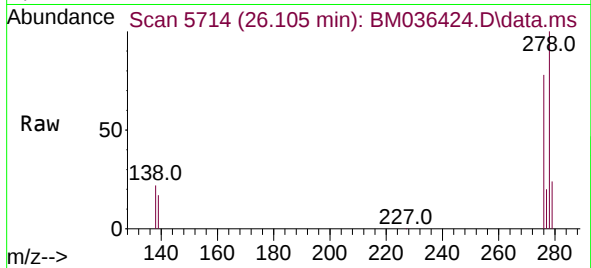




#28
Dibenzo(a,h)anthracene
Concen: 2.298 ng/ul
RT: 26.105 min Scan# 51
Delta R.T. -0.016 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

Tgt Ion:278 Resp: 250620
Ion Ratio Lower Upper
278 100
139 16.8 19.8 29.6#
279 23.9 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 2.070 ng/ul
RT: 26.823 min Scan# 5928
Delta R.T. -0.016 min
Lab File: BM036424.D
Acq: 26 Aug 2022 13:52

Tgt Ion:276 Resp: 262836
Ion Ratio Lower Upper
276 100
138 22.8 23.4 35.0#
277 23.6 21.0 31.4

