

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061822\
 Data File : BM035521.D
 Acq On : 18 Jun 2022 14:36
 Operator : CG/JU
 Sample : SSTD1.647
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6047

Quant Time: Jun 20 01:40:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:37:25 2022
 Response via : Initial Calibration

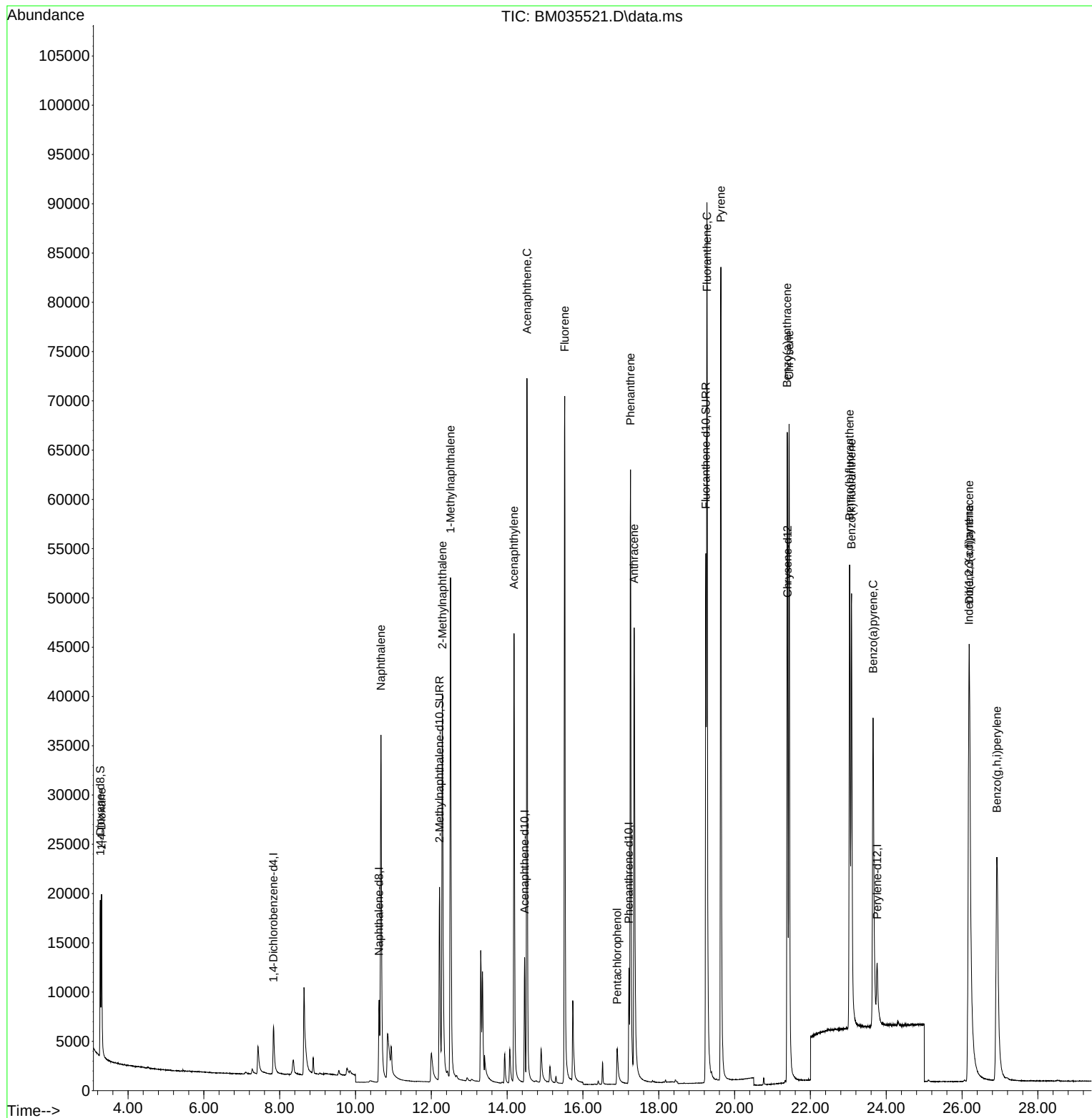
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	4253	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.622	136	14111	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.464	164	7686	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	15712	0.400	ng/ul	-0.02
17) Chrysene-d12	21.400	240	12101	0.400	ng/ul	-0.01
23) Perylene-d12	23.762	264	10261	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	9110	1.788	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	33938	1.507	ng/ul	-0.03
18) Fluoranthene-d10	19.243	212	66271	1.597	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.302	88	9205	1.799	ng/ul#	64
5) Naphthalene	10.671	128	62732	1.346	ng/ul	97
7) 2-Methylnaphthalene	12.294	142	39533	1.292	ng/ul	98
8) 1-Methylnaphthalene	12.508	142	41874	1.471	ng/ul	95
10) Acenaphthylene	14.182	152	61365	1.348	ng/ul	98
11) Acenaphthene	14.524	153	45090	1.373	ng/ul	100
12) Fluorene	15.519	166	51623	1.344	ng/ul	99
14) Pentachlorophenol	16.904	266	4471	0.753	ng/ul#	63
15) Phenanthrene	17.254	178	78547	1.312	ng/ul	98
16) Anthracene	17.351	178	71548	1.312	ng/ul	97
19) Fluoranthene	19.270	202	88813	1.307	ng/ul	99
20) Pyrene	19.638	202	89607	1.298	ng/ul	98
21) Benzo(a)anthracene	21.389	228	65415	1.168	ng/ul	99
22) Chrysene	21.438	228	75434	1.295	ng/ul	100
24) Benzo(b)fluoranthene	23.034	252	63329	1.177	ng/ul	86
25) Benzo(k)fluoranthene	23.084	252	68576	1.335	ng/ul#	85
26) Benzo(a)pyrene	23.654	252	66401	1.357	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.182	276	75382	1.556	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.192	278	61567	1.598	ng/ul#	89
29) Benzo(g,h,i)perylene	26.920	276	66677	1.600	ng/ul	97

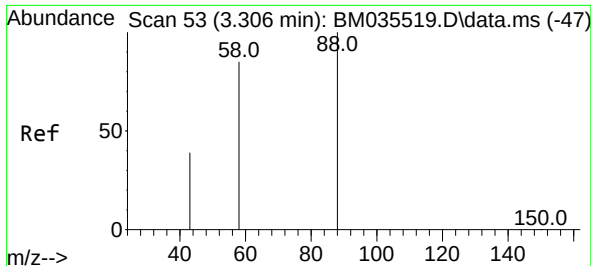
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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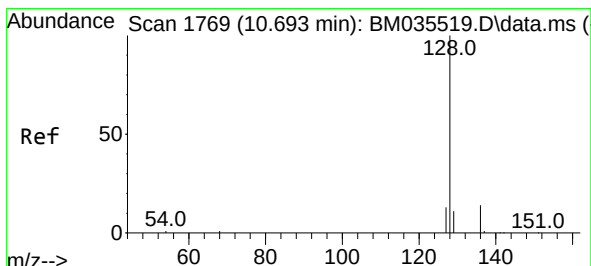
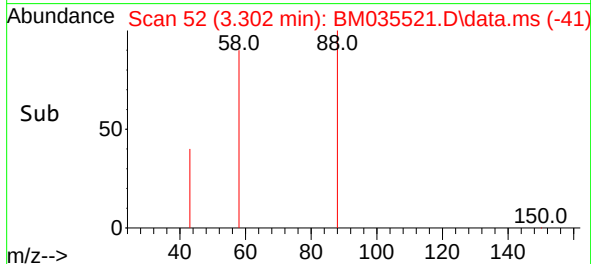
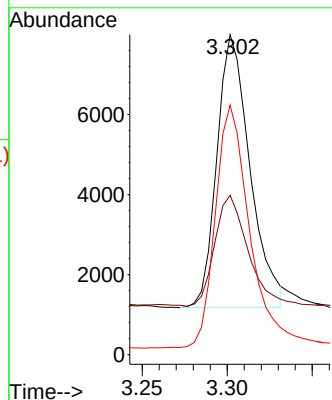
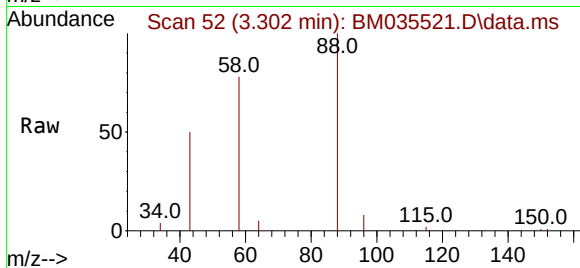




#2
1,4-Dioxane
Concen: 1.799 ng/ul
RT: 3.302 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

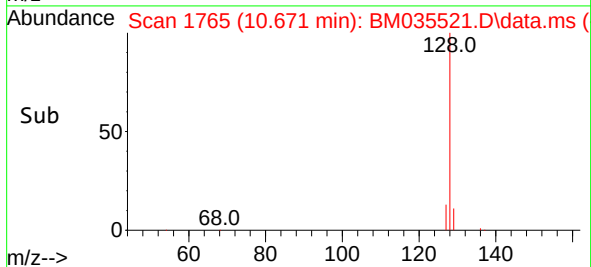
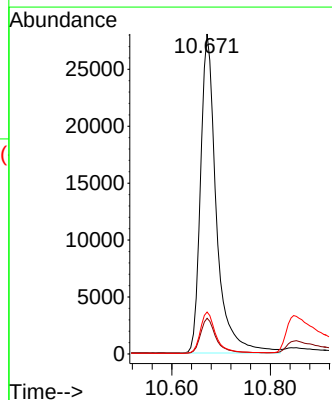
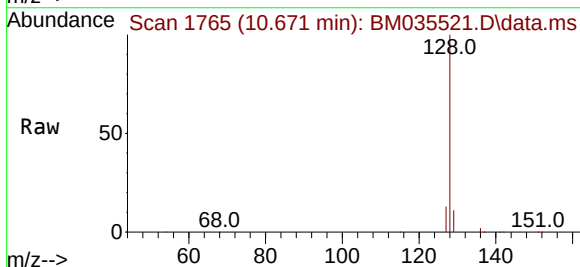
Instrument :
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SSTD1.6047

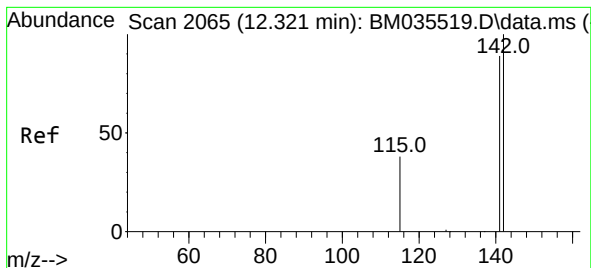
Tgt Ion: 88 Resp: 9205
Ion Ratio Lower Upper
88 100
43 49.8 70.4 105.6#
58 78.1 45.6 68.4#



#5
Naphthalene
Concen: 1.346 ng/ul
RT: 10.671 min Scan# 1765
Delta R.T. -0.022 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

Tgt Ion: 128 Resp: 62732
Ion Ratio Lower Upper
128 100
129 11.2 10.1 15.1
127 13.1 11.4 17.2

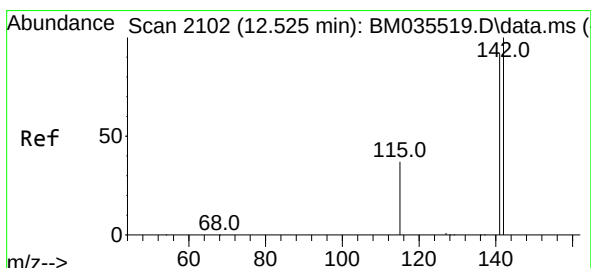
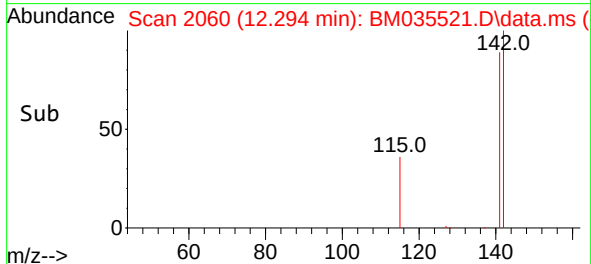
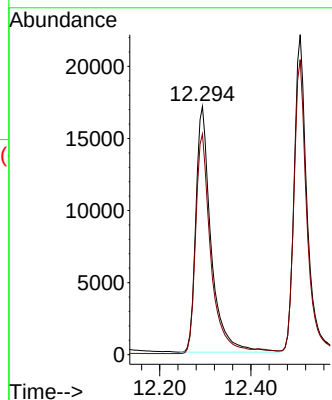
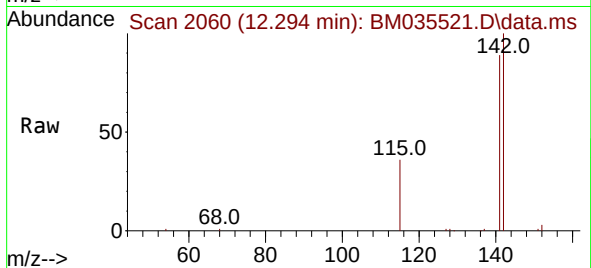




#7
2-Methylnaphthalene
Concen: 1.292 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. -0.028 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

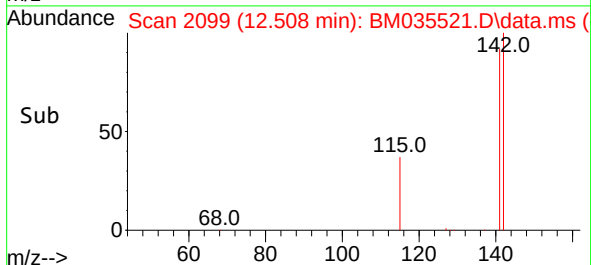
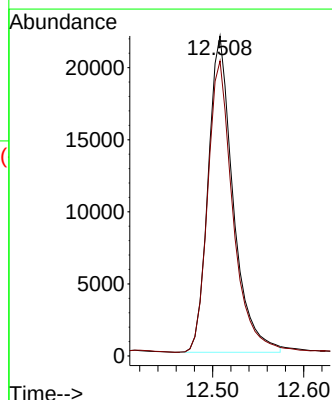
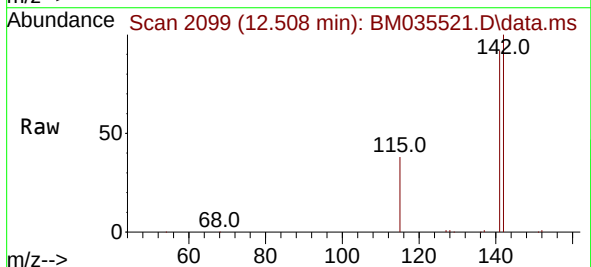
Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

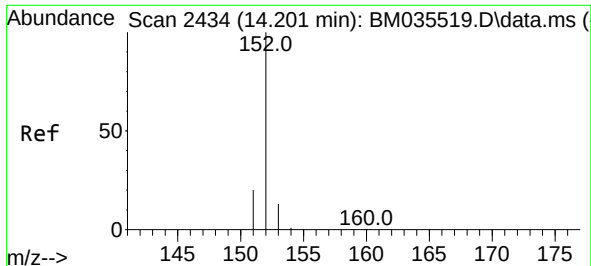
Tgt Ion:142 Resp: 39533
Ion Ratio Lower Upper
142 100
141 91.2 74.1 111.1



#8
1-Methylnaphthalene
Concen: 1.471 ng/ul
RT: 12.508 min Scan# 2099
Delta R.T. -0.017 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

Tgt Ion:142 Resp: 41874
Ion Ratio Lower Upper
142 100
141 92.4 70.1 105.1

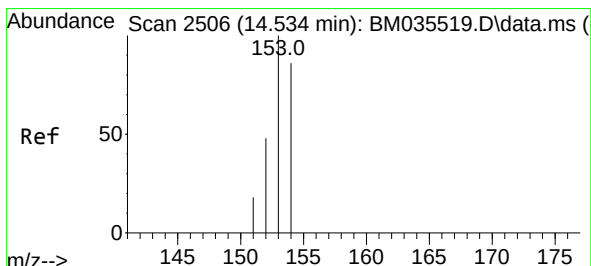
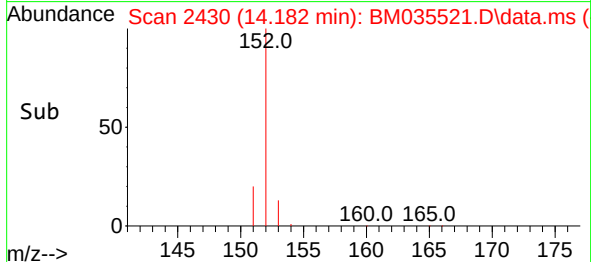
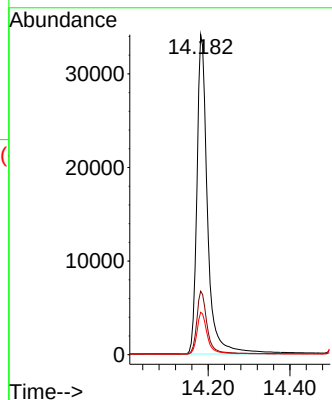
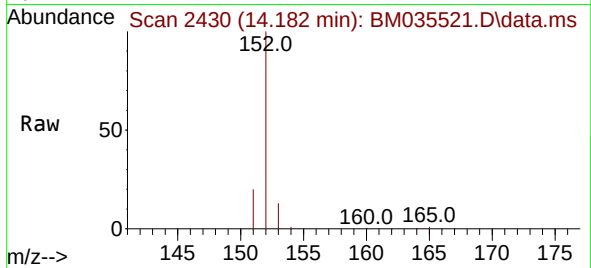




#10
Acenaphthylene
Concen: 1.348 ng/ul
RT: 14.182 min Scan# 2430
Delta R.T. -0.019 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

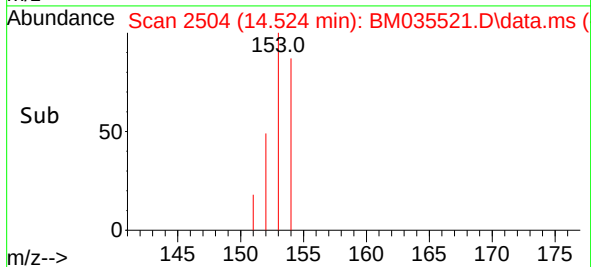
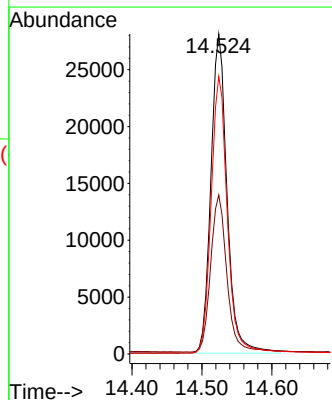
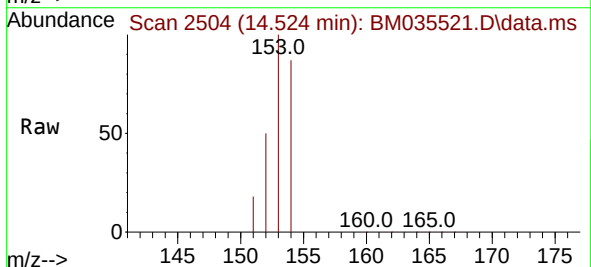
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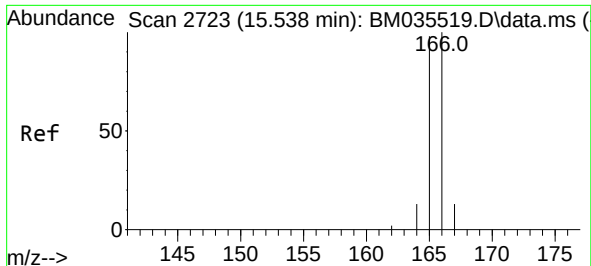
Tgt Ion:152 Resp: 61365
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2
153 13.2 11.1 16.7



#11
Acenaphthene
Concen: 1.373 ng/ul
RT: 14.524 min Scan# 2504
Delta R.T. -0.010 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

Tgt Ion:153 Resp: 45090
Ion Ratio Lower Upper
153 100
152 49.7 40.0 60.0
154 86.7 69.1 103.7

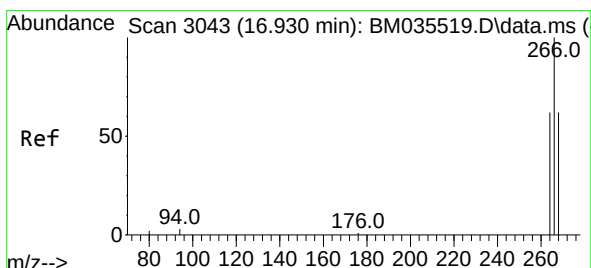
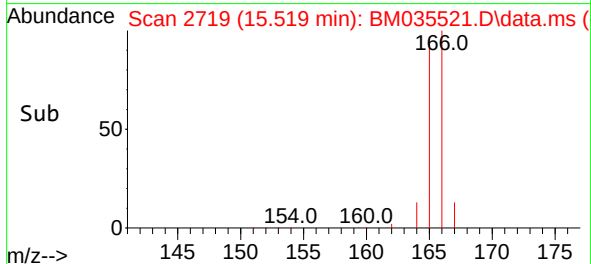
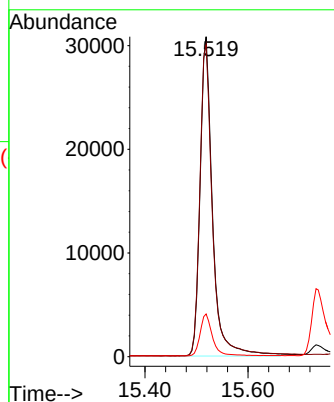
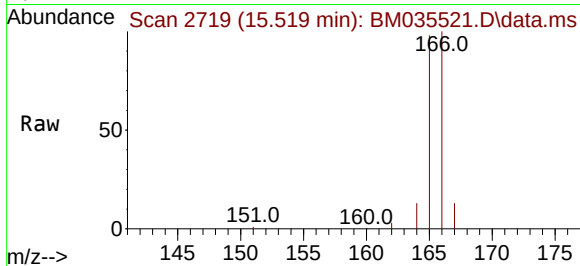




#12
Fluorene
Concen: 1.344 ng/ul
RT: 15.519 min Scan# 21
Delta R.T. -0.019 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

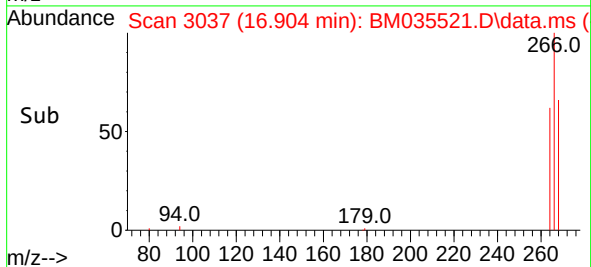
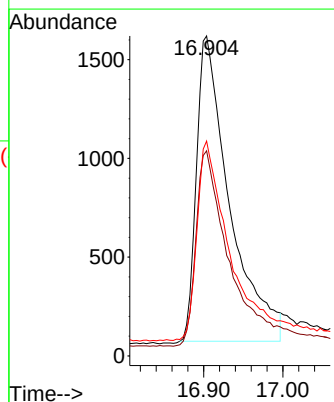
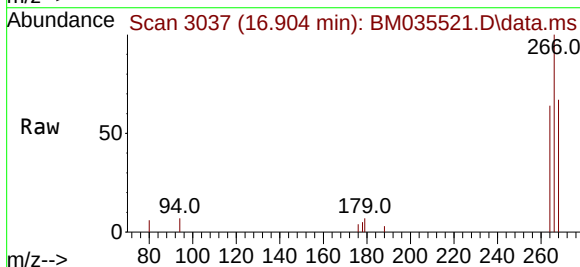
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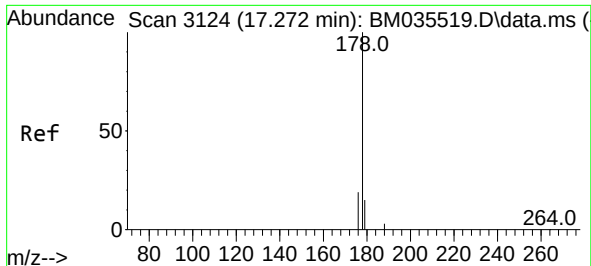
Tgt Ion:166 Resp: 51623
Ion Ratio Lower Upper
166 100
165 97.5 78.7 118.1
167 13.3 11.6 17.4



#14
Pentachlorophenol
Concen: 0.753 ng/ul
RT: 16.904 min Scan# 3037
Delta R.T. -0.026 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

Tgt Ion:266 Resp: 4471
Ion Ratio Lower Upper
266 100
264 62.8 31.4 47.2#
268 63.3 32.9 49.3#

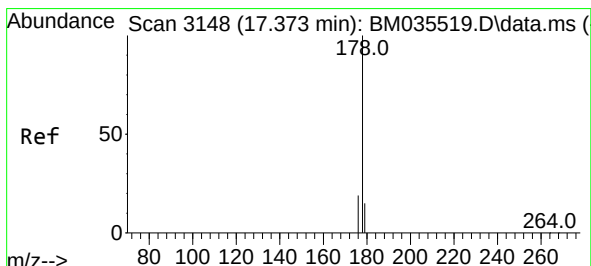
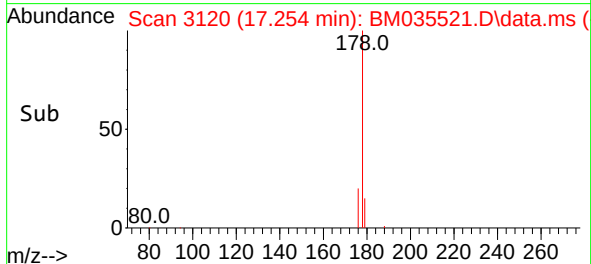
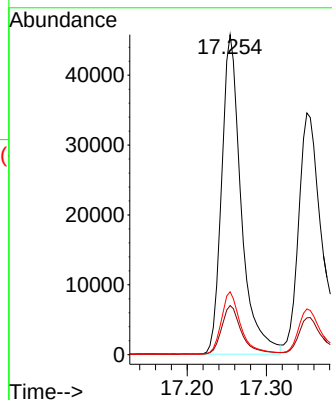
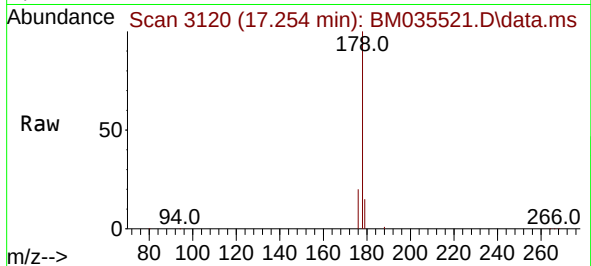




#15
Phenanthrene
Concen: 1.312 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. -0.018 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

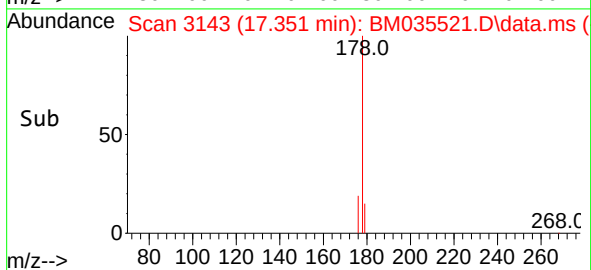
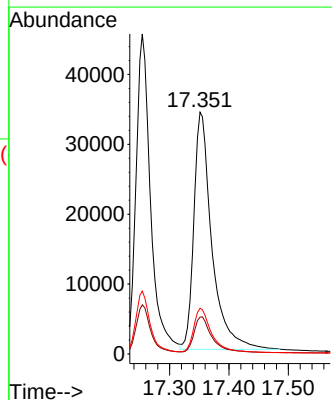
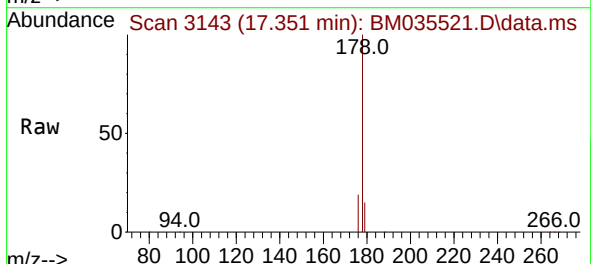
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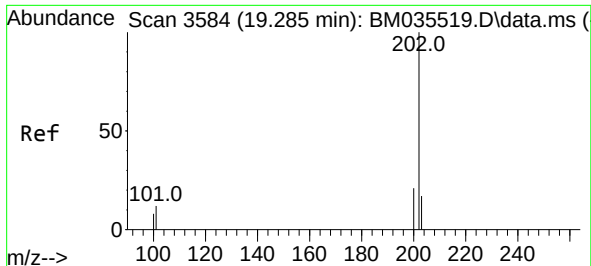
Tgt Ion:178 Resp: 78547
Ion Ratio Lower Upper
178 100
179 15.3 13.2 19.8
176 19.7 16.2 24.4



#16
Anthracene
Concen: 1.312 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. -0.022 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

Tgt Ion:178 Resp: 71548
Ion Ratio Lower Upper
178 100
179 15.2 13.4 20.0
176 18.9 15.9 23.9

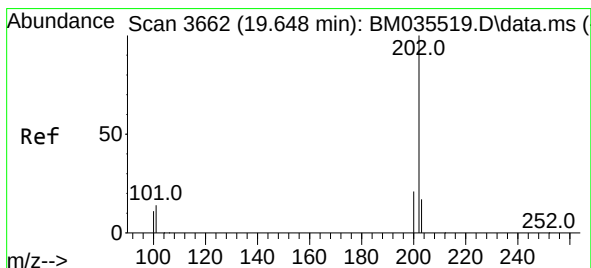
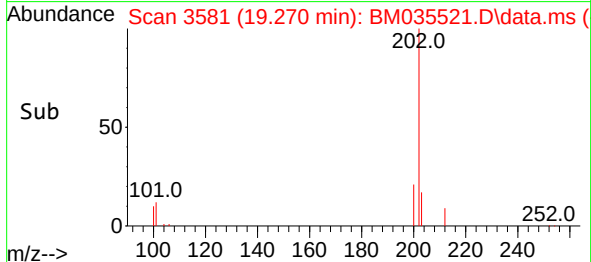
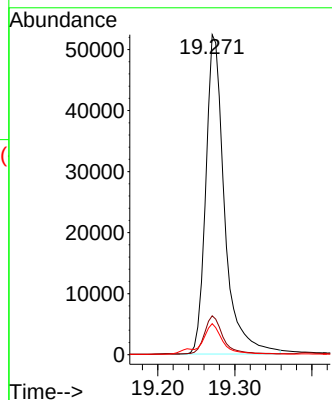
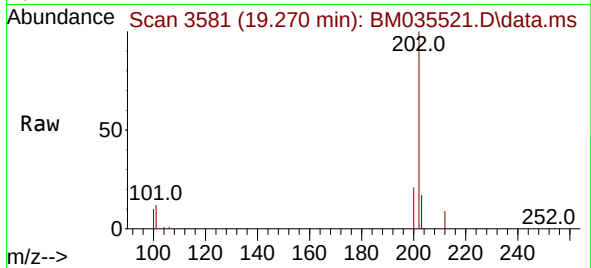




#19
Fluoranthene
Concen: 1.307 ng/ul
RT: 19.270 min Scan# 3584
Delta R.T. -0.015 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

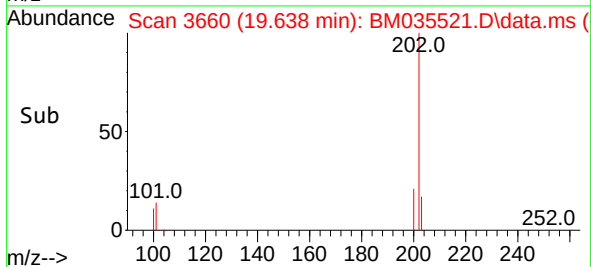
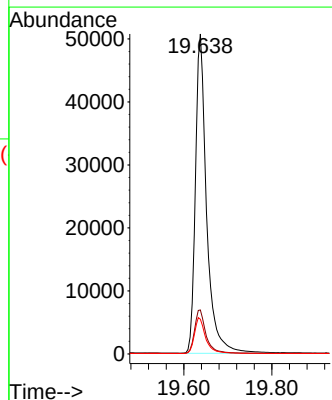
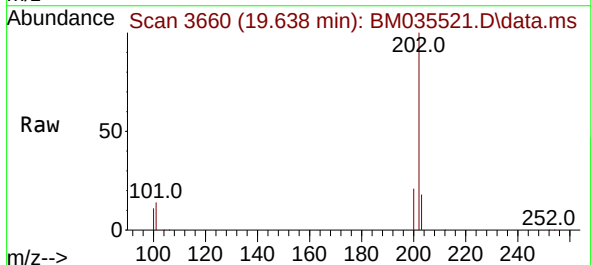
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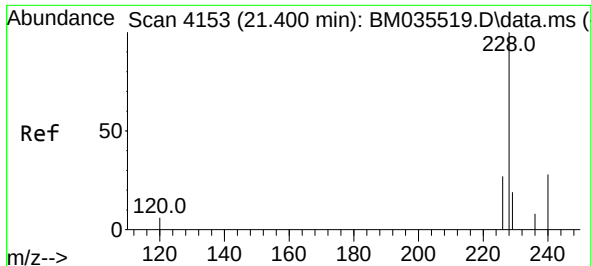
Tgt Ion:202 Resp: 88813
Ion Ratio Lower Upper
202 100
101 12.1 10.0 15.0
100 9.7 7.5 11.3



#20
Pyrene
Concen: 1.298 ng/ul
RT: 19.638 min Scan# 3660
Delta R.T. -0.010 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

Tgt Ion:202 Resp: 89607
Ion Ratio Lower Upper
202 100
101 13.7 11.6 17.4
100 10.9 9.3 13.9

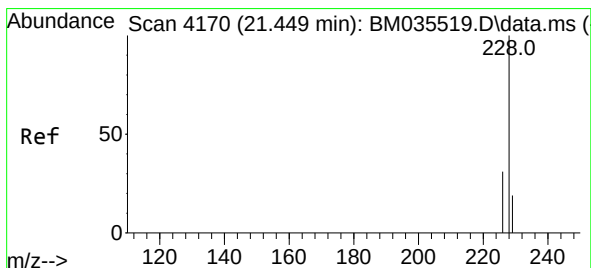
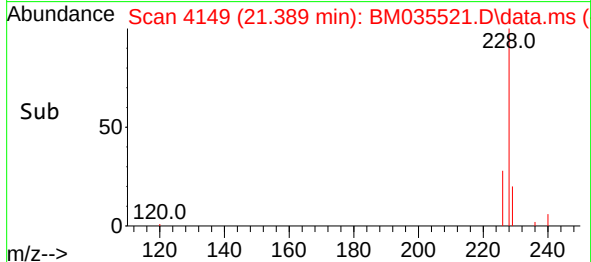
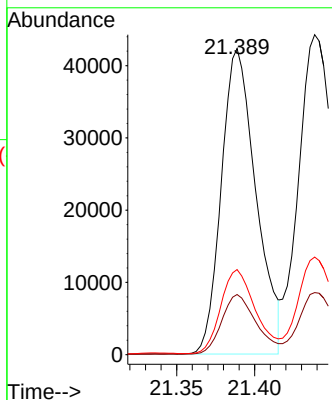
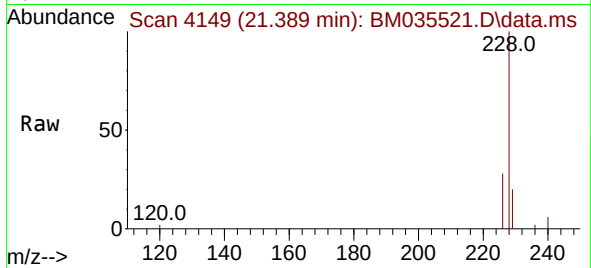




#21
Benzo(a)anthracene
Concen: 1.168 ng/ul
RT: 21.389 min Scan# 4153
Delta R.T. -0.011 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

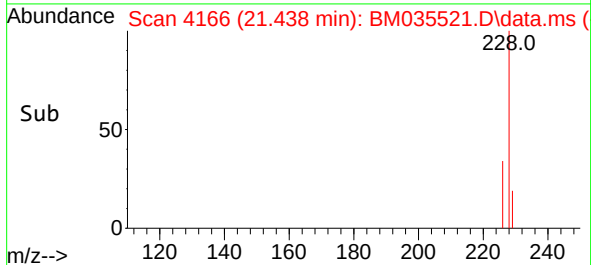
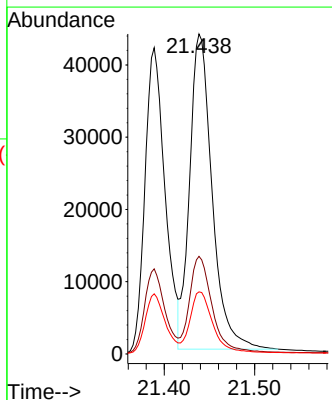
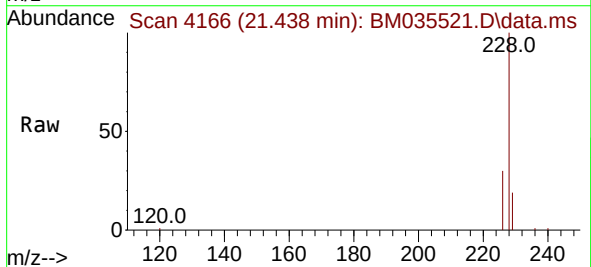
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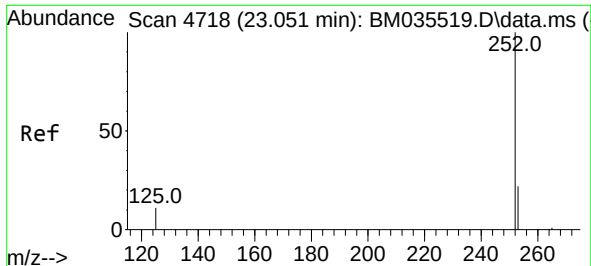
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Ion Ratio Lower Upper
228 100
229 19.6 16.2 24.2
226 27.8 22.3 33.5



#22
Chrysene
Concen: 1.295 ng/ul
RT: 21.438 min Scan# 4166
Delta R.T. -0.011 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

Tgt Ion:228 Resp: 75434
Ion Ratio Lower Upper
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226 30.5 24.5 36.7
229 19.4 15.8 23.8

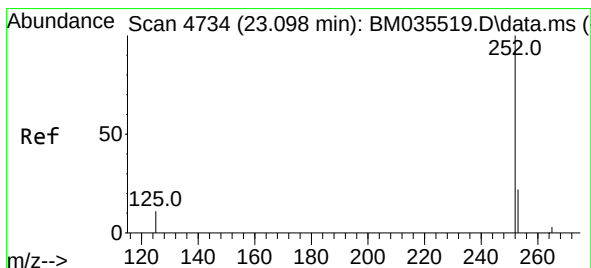
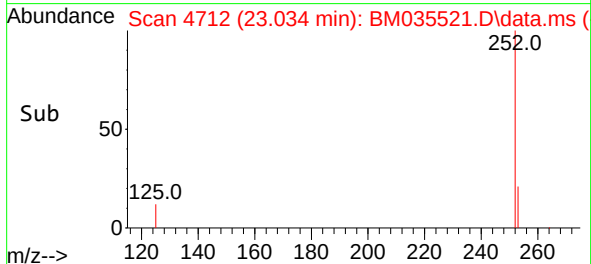
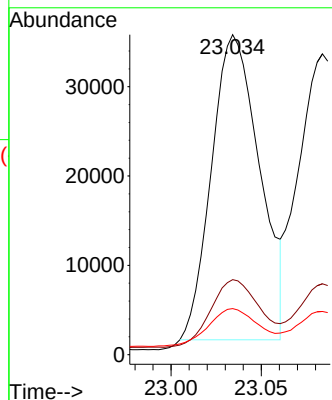
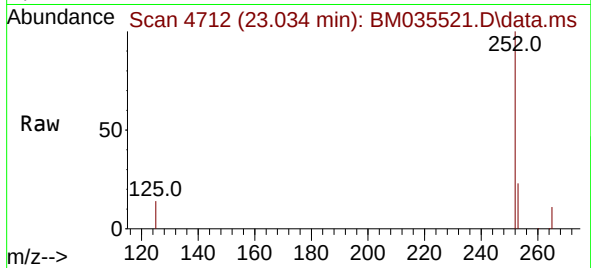




#24
Benzo(b)fluoranthene
Concen: 1.177 ng/ul
RT: 23.034 min Scan# 4712
Delta R.T. -0.017 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

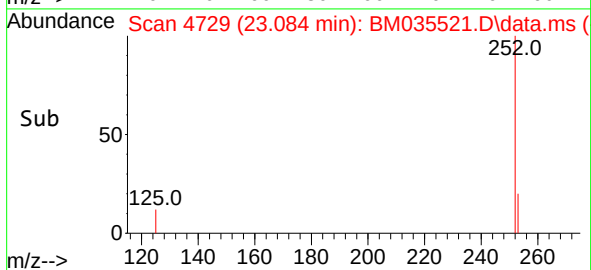
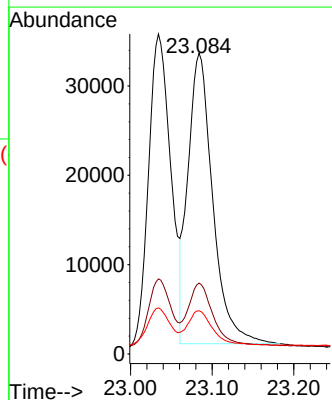
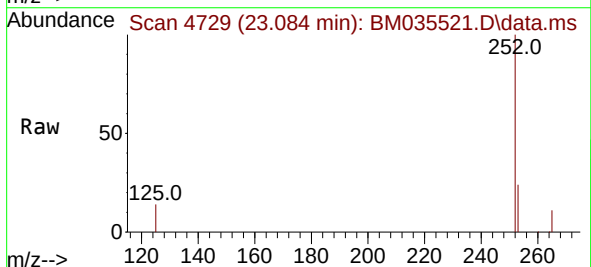
Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

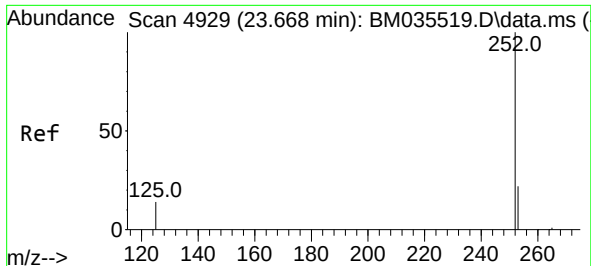
Tgt Ion:252 Resp: 63329
Ion Ratio Lower Upper
252 100
253 23.5 0.0 60.6
125 14.4 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 1.335 ng/ul
RT: 23.084 min Scan# 4729
Delta R.T. -0.014 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

Tgt Ion:252 Resp: 68576
Ion Ratio Lower Upper
252 100
253 23.6 24.7 37.1#
125 14.4 18.2 27.4#

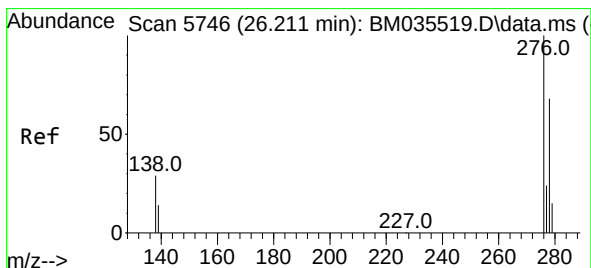
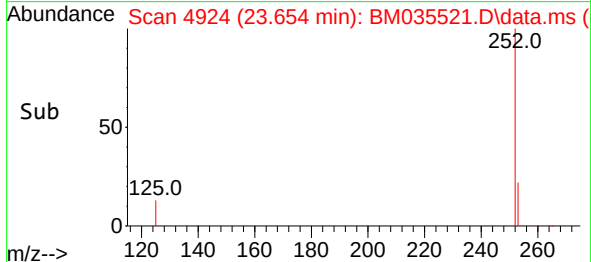
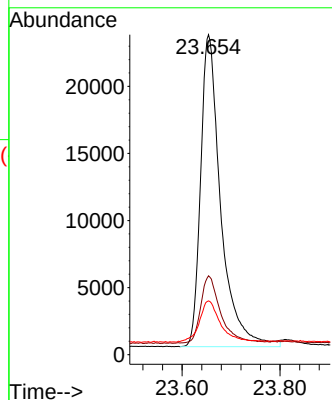
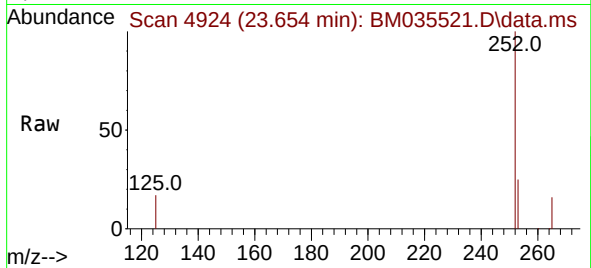




#26
Benzo(a)pyrene
Concen: 1.357 ng/ul
RT: 23.654 min Scan# 4924
Delta R.T. -0.014 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

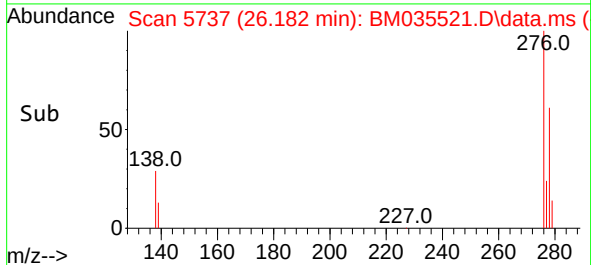
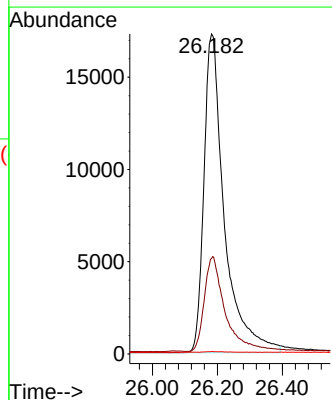
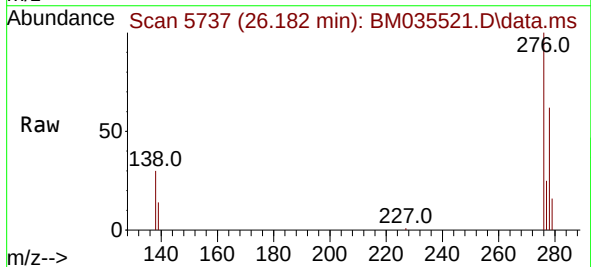
Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

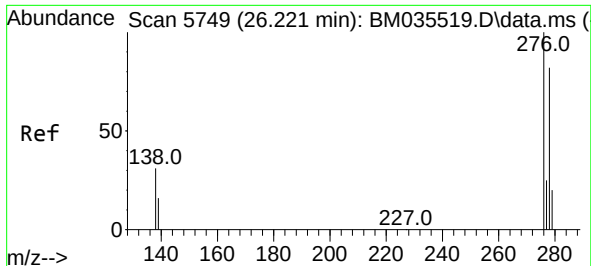
Tgt Ion:252 Resp: 66401
Ion Ratio Lower Upper
252 100
253 24.6 27.8 41.6#
125 16.8 23.3 34.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.556 ng/ul
RT: 26.182 min Scan# 5737
Delta R.T. -0.029 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

Tgt Ion:276 Resp: 75382
Ion Ratio Lower Upper
276 100
138 30.5 24.8 37.2
227 0.2 0.1 0.1#

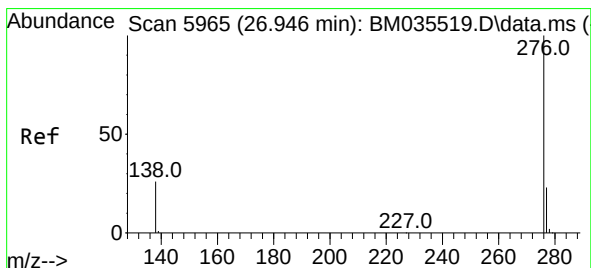
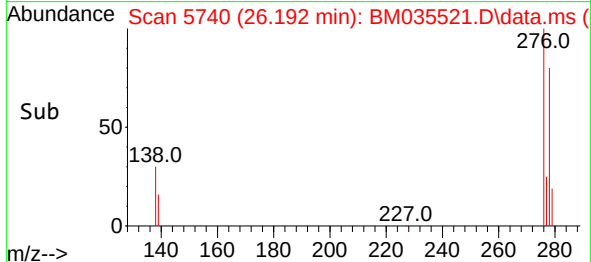
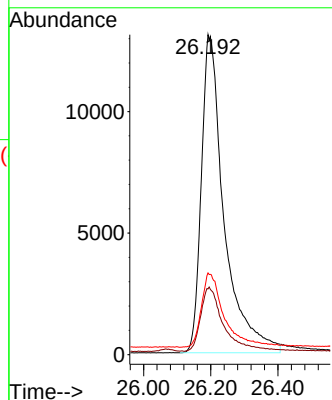
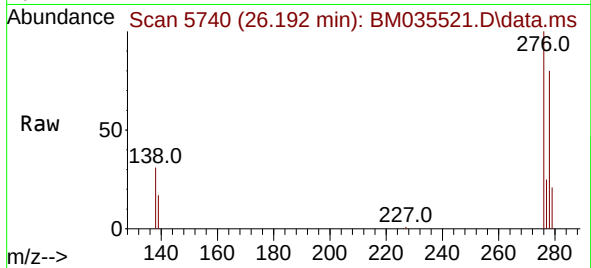




#28
Dibenzo(a,h)anthracene
Concen: 1.598 ng/ul
RT: 26.192 min Scan# 51
Delta R.T. -0.029 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:278 Resp: 61567
Ion Ratio Lower Upper
278 100
139 20.6 19.1 28.7
279 25.5 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 1.600 ng/ul
RT: 26.920 min Scan# 5957
Delta R.T. -0.026 min
Lab File: BM035521.D
Acq: 18 Jun 2022 14:36

Tgt Ion:276 Resp: 66677
Ion Ratio Lower Upper
276 100
138 26.8 23.1 34.7
277 24.1 20.3 30.5

