

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083022\
 Data File : BM036453.D
 Acq On : 29 Aug 2022 14:36
 Operator : CG/JU
 Sample : SST0.262
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2016

Quant Time: Aug 29 16:18:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:16:27 2022
 Response via : Initial Calibration

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

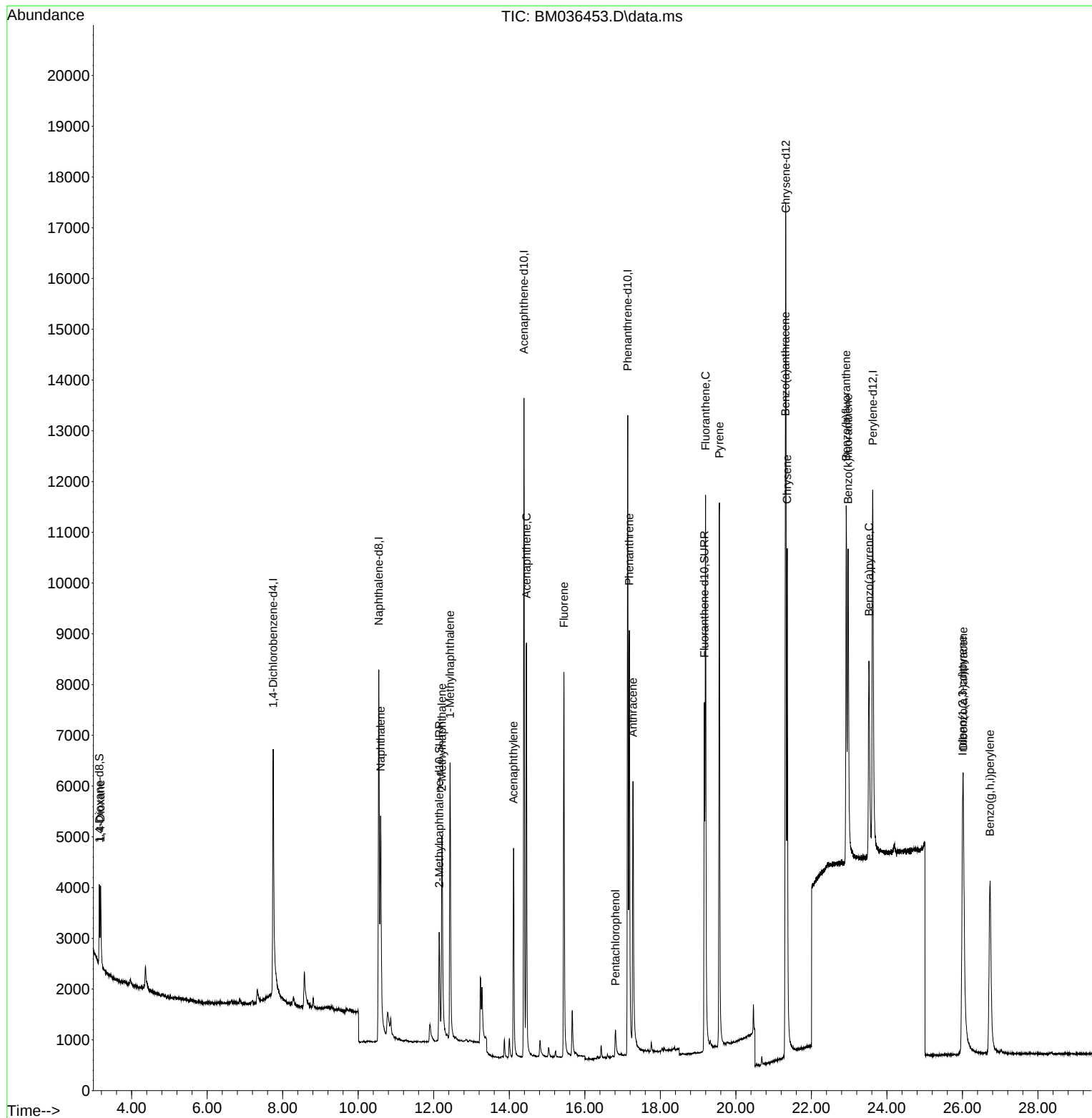
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	3461	0.400	ng/ul	0.00
4) Naphthalene-d8	10.545	136	13337	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.390	164	7434	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.136	188	16160	0.400	ng/ul	0.00
17) Chrysene-d12	21.324	240	13667	0.400	ng/ul	0.00
23) Perylene-d12	23.625	264	11484	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	1110	0.238	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.145	152	4124	0.193	ng/ul	0.00
18) Fluoranthene-d10	19.168	212	8856	0.525	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	1020	0.232	ng/ul#	53
5) Naphthalene	10.594	128	7355	0.196	ng/ul	100
7) 2-Methylnaphthalene	12.217	142	4397	0.195	ng/ul	94
8) 1-Methylnaphthalene	12.431	142	4526	0.198	ng/ul	99
10) Acenaphthylene	14.112	152	5636	0.183	ng/ul	99
11) Acenaphthene	14.455	153	5042	0.203	ng/ul	98
12) Fluorene	15.445	166	5567	0.191	ng/ul	98
14) Pentachlorophenol	16.815	266	569	0.178	ng/ul	99
15) Phenanthrene	17.178	178	9661	0.167	ng/ul	99
16) Anthracene	17.275	178	7870	0.172	ng/ul	99
19) Fluoranthene	19.196	202	10202	0.214	ng/ul	98
20) Pyrene	19.563	202	10718	0.216	ng/ul	100
21) Benzo(a)anthracene	21.310	228	8222	0.145	ng/ul	100
22) Chrysene	21.360	228	9685	0.124	ng/ul	100
24) Benzo(b)fluoranthene	22.923	252	9269	0.111	ng/ul	96
25) Benzo(k)fluoranthene	22.973	252	9071	0.108	ng/ul	97
26) Benzo(a)pyrene	23.525	252	7492	0.142	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.004	276	8929	0.223	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.024	278	7643	0.226	ng/ul	98
29) Benzo(g,h,i)perylene	26.731	276	8815	0.244	ng/ul	98

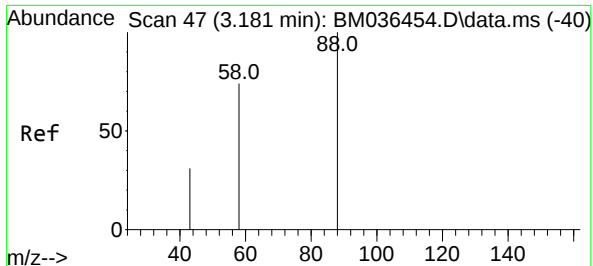
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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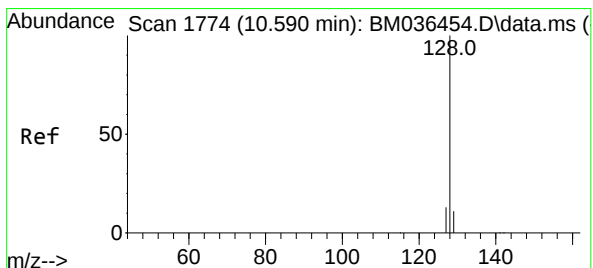
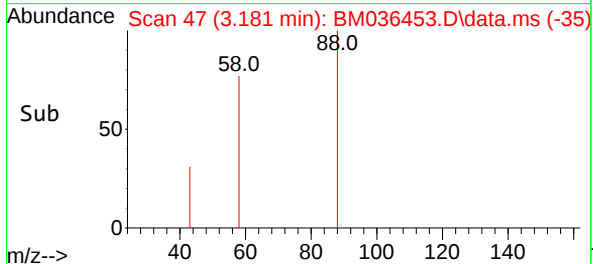
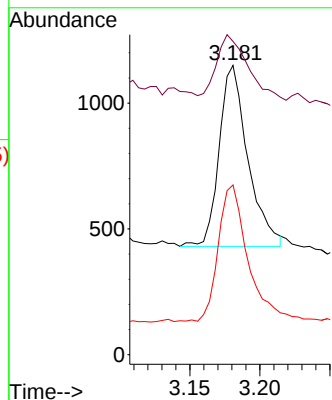
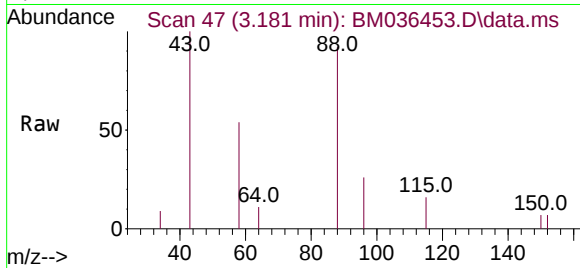




#2
1,4-Dioxane
Concen: 0.232 ng/ul
RT: 3.181 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

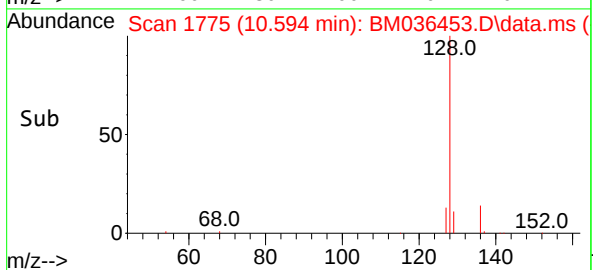
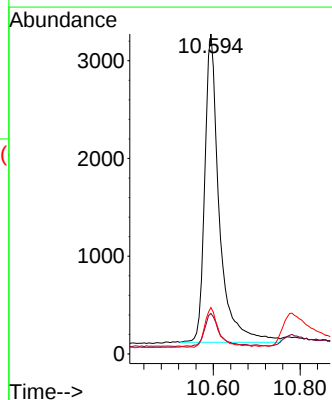
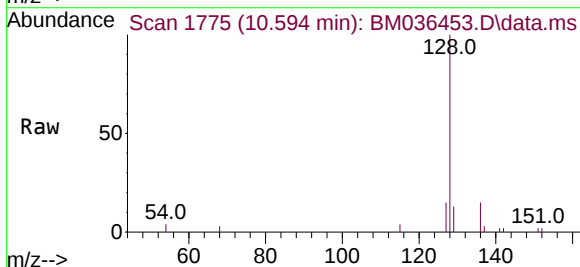
Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

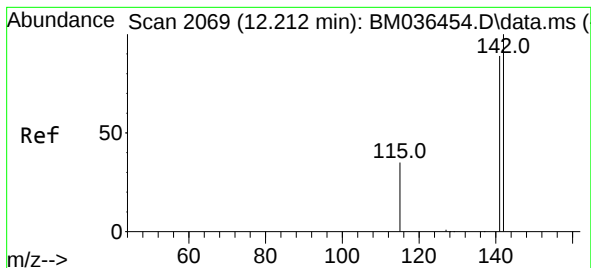
Tgt Ion: 88 Resp: 1020
Ion Ratio Lower Upper
88 100
43 108.3 37.8 56.6#
58 58.7 42.6 63.8



#5
Naphthalene
Concen: 0.196 ng/ul
RT: 10.594 min Scan# 1775
Delta R.T. 0.004 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

Tgt Ion: 128 Resp: 7355
Ion Ratio Lower Upper
128 100
129 12.7 10.2 15.2
127 14.5 11.7 17.5

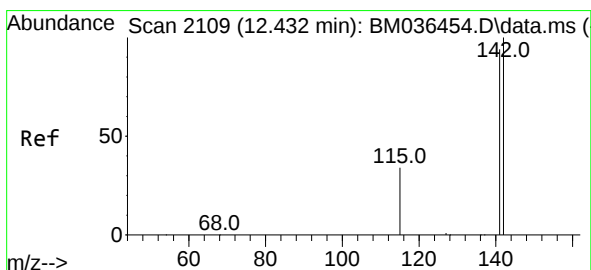
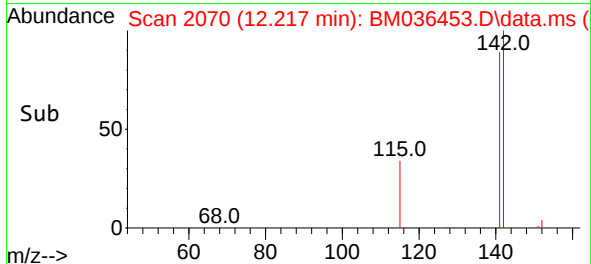
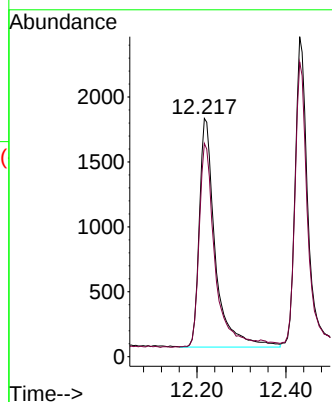
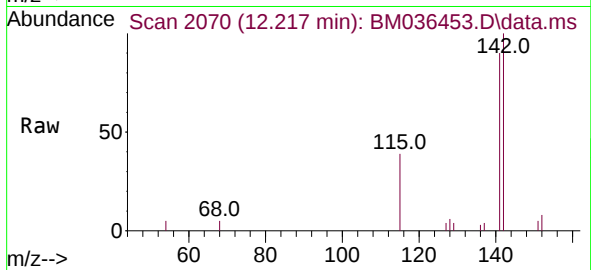




#7
2-Methylnaphthalene
Concen: 0.195 ng/ul
RT: 12.217 min Scan# 2069
Delta R.T. 0.004 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

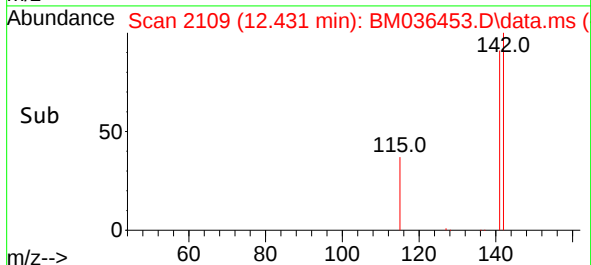
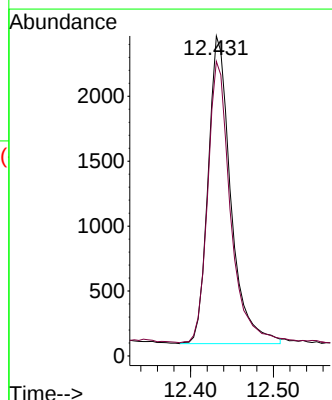
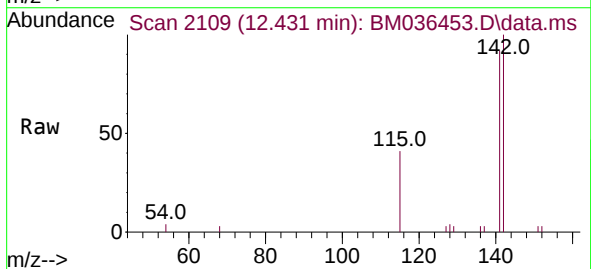
Instrument :
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ClientSampleId :
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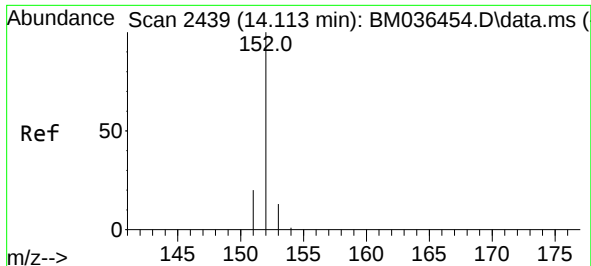
Tgt Ion:142 Resp: 4397
Ion Ratio Lower Upper
142 100
141 91.0 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.198 ng/ul
RT: 12.431 min Scan# 2109
Delta R.T. -0.001 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

Tgt Ion:142 Resp: 4526
Ion Ratio Lower Upper
142 100
141 91.4 74.1 111.1

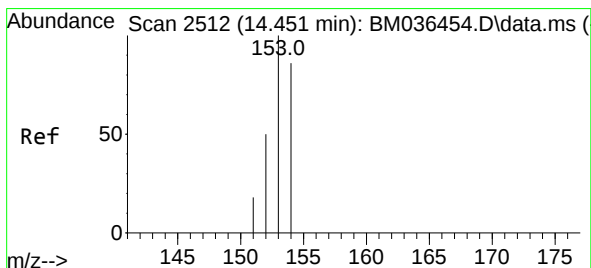
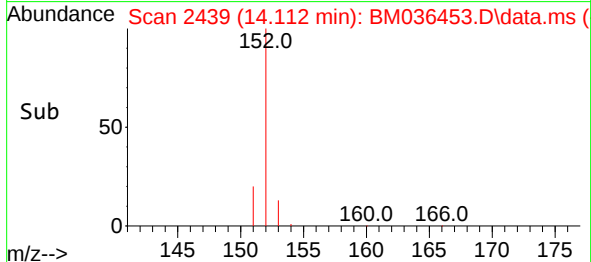
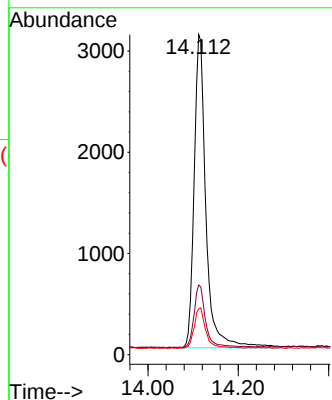
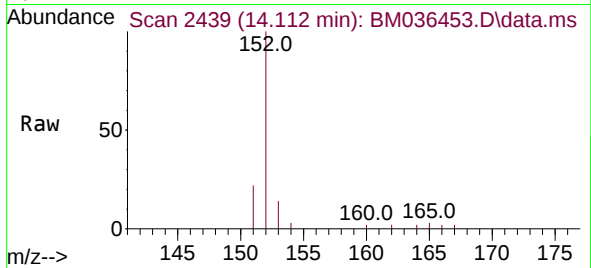




#10
Acenaphthylene
Concen: 0.183 ng/ul
RT: 14.112 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

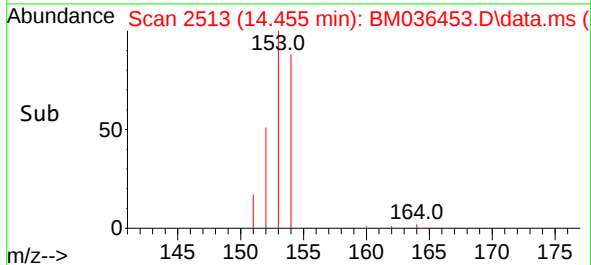
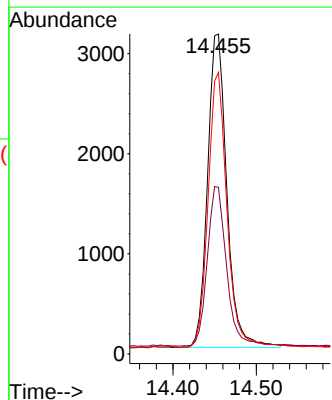
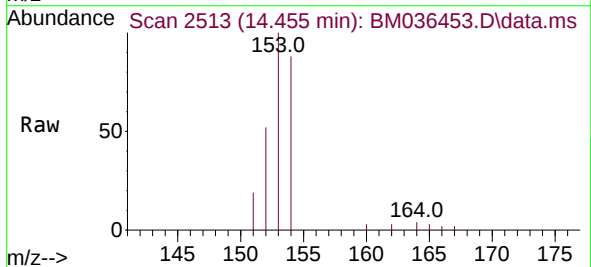
Instrument :
BNA_M
ClientSampleId :
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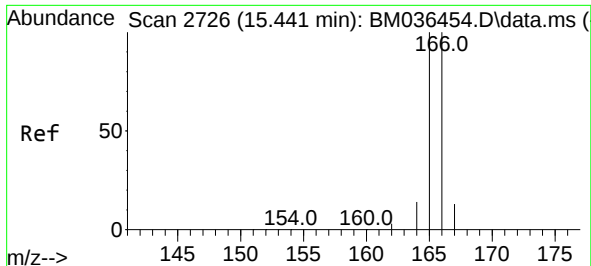
Tgt Ion:152 Resp: 5636
Ion Ratio Lower Upper
152 100
151 21.7 16.6 24.8
153 14.3 11.4 17.0



#11
Acenaphthene
Concen: 0.203 ng/ul
RT: 14.455 min Scan# 2513
Delta R.T. 0.003 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

Tgt Ion:153 Resp: 5042
Ion Ratio Lower Upper
153 100
152 52.1 40.2 60.4
154 88.0 69.7 104.5

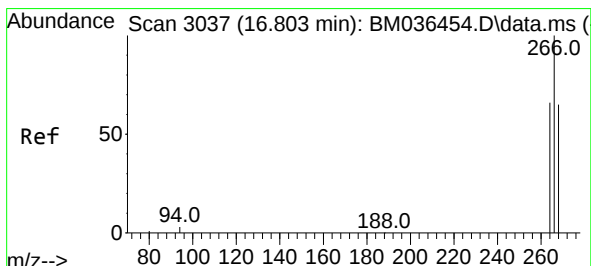
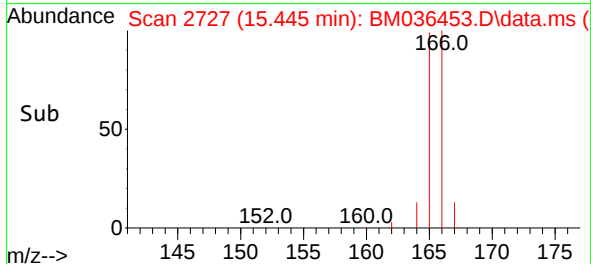
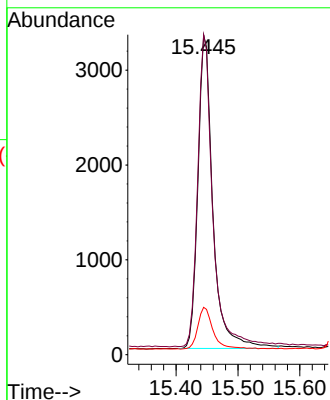
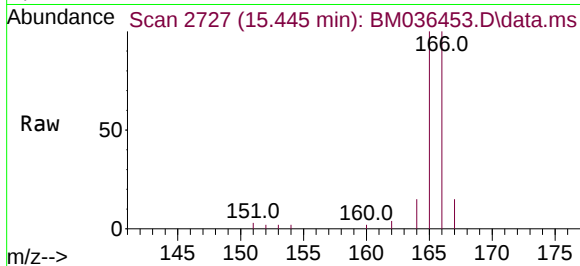




#12
Fluorene
Concen: 0.191 ng/ul
RT: 15.445 min Scan# 21
Delta R.T. 0.003 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

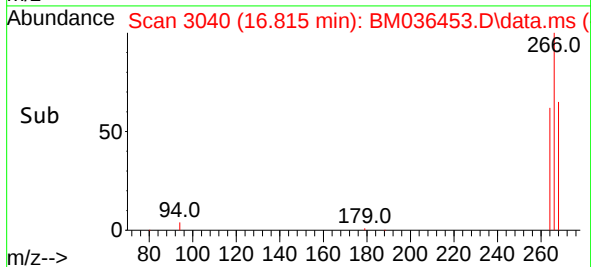
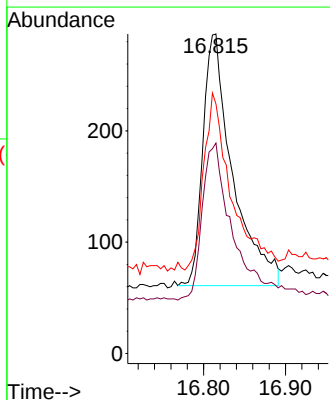
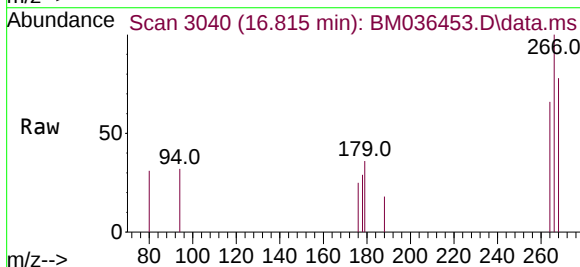
Instrument :
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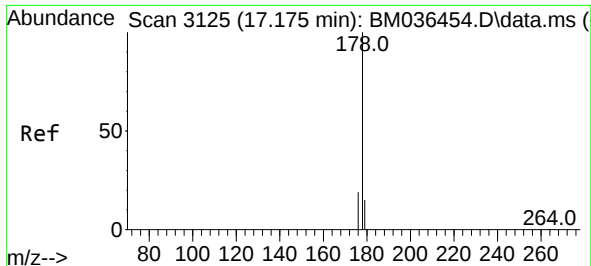
Tgt Ion:166 Resp: 5567
Ion Ratio Lower Upper
166 100
165 100.1 78.9 118.3
167 14.8 11.3 16.9



#14
Pentachlorophenol
Concen: 0.178 ng/ul
RT: 16.815 min Scan# 3040
Delta R.T. 0.012 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

Tgt Ion:266 Resp: 569
Ion Ratio Lower Upper
266 100
264 63.4 50.3 75.5
268 65.7 53.5 80.3

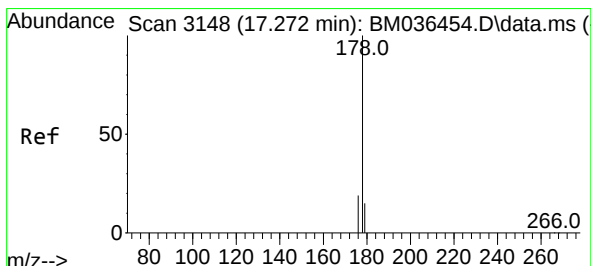
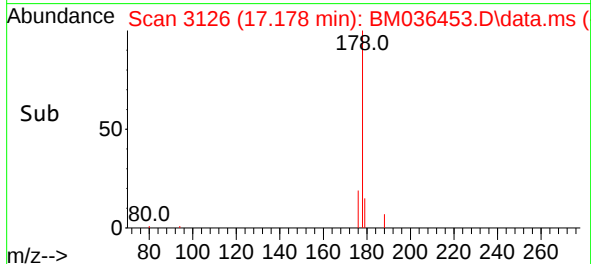
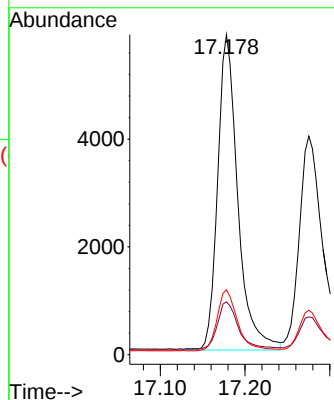
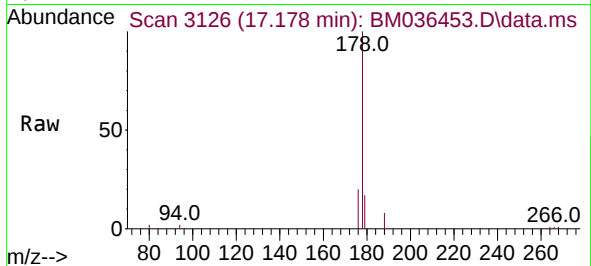




#15
Phenanthrene
Concen: 0.167 ng/ul
RT: 17.178 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

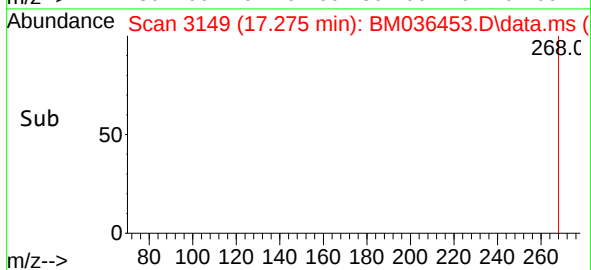
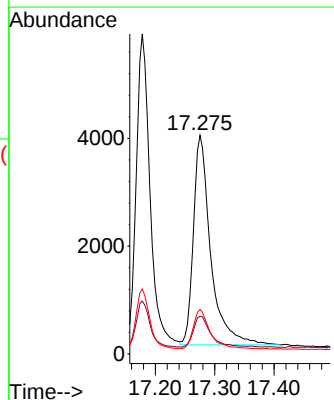
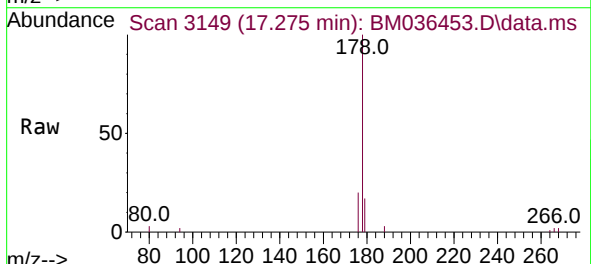
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SSTD0.2016

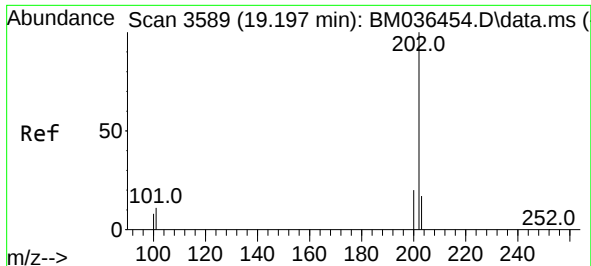
Tgt Ion:178 Resp: 9661
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 20.3 15.6 23.4



#16
Anthracene
Concen: 0.172 ng/ul
RT: 17.275 min Scan# 3149
Delta R.T. 0.003 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

Tgt Ion:178 Resp: 7870
Ion Ratio Lower Upper
178 100
179 17.3 13.6 20.4
176 20.3 15.6 23.4

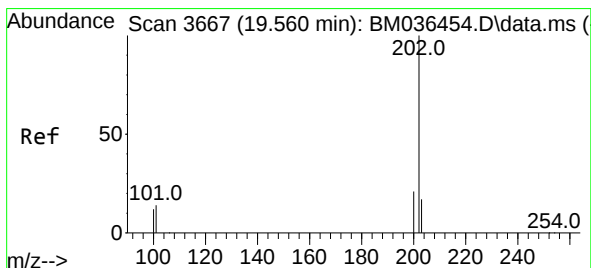
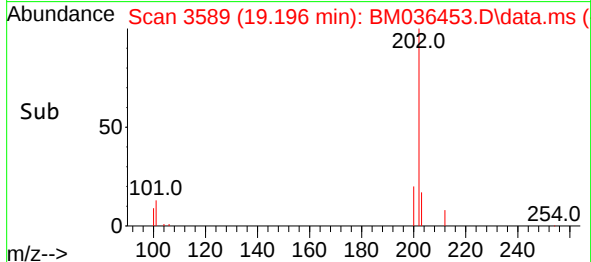
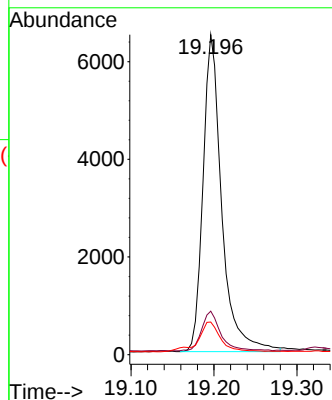
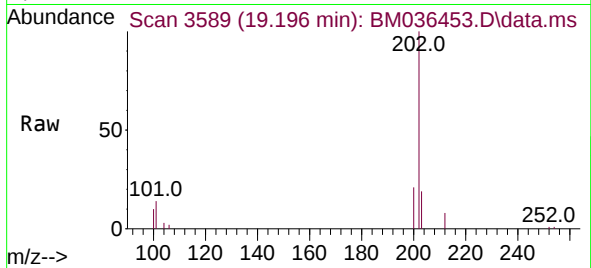




#19
Fluoranthene
Concen: 0.214 ng/ul
RT: 19.196 min Scan# 3589
Delta R.T. -0.001 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

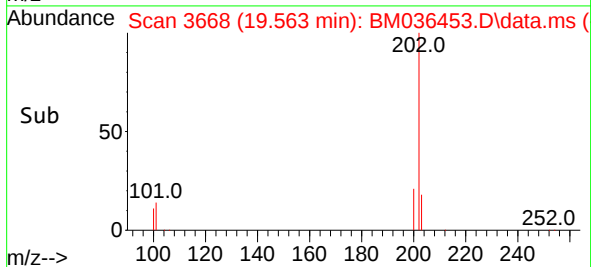
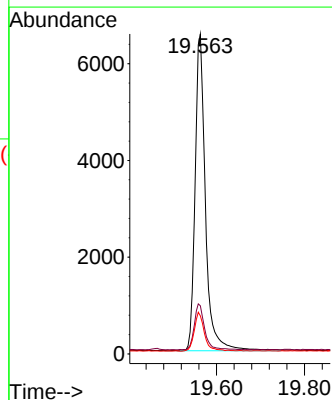
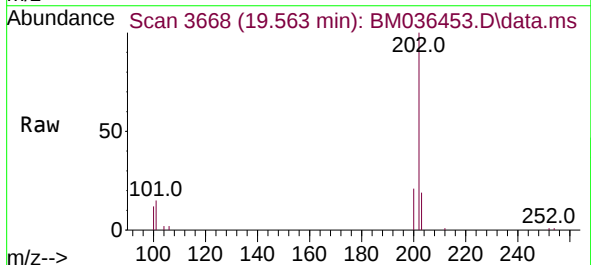
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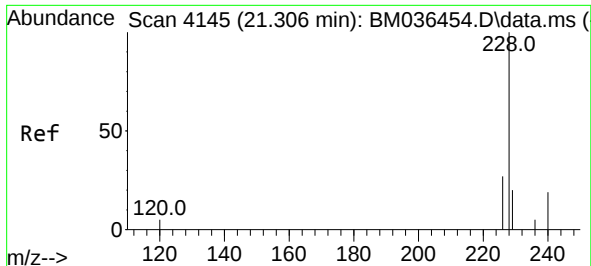
Tgt Ion:202 Resp: 10202
Ion Ratio Lower Upper
202 100
101 13.6 10.1 15.1
100 10.2 7.9 11.9



#20
Pyrene
Concen: 0.216 ng/ul
RT: 19.563 min Scan# 3668
Delta R.T. 0.003 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

Tgt Ion:202 Resp: 10718
Ion Ratio Lower Upper
202 100
101 15.1 12.0 18.0
100 11.9 9.8 14.6

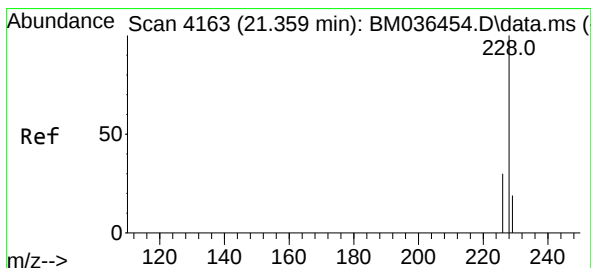
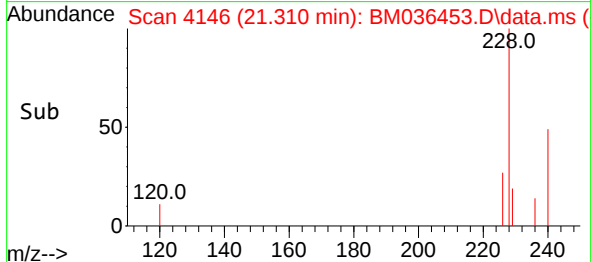
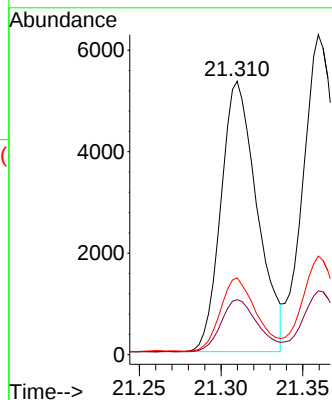
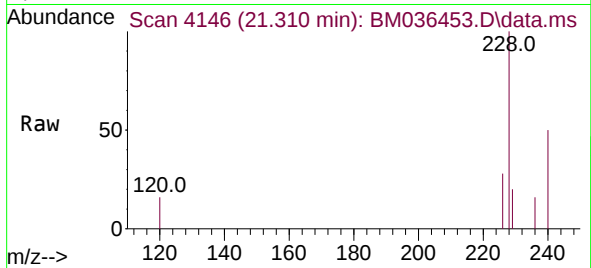




#21
Benzo(a)anthracene
Concen: 0.145 ng/ul
RT: 21.310 min Scan# 4145
Delta R.T. 0.003 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

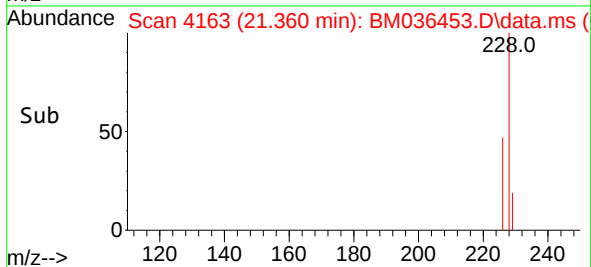
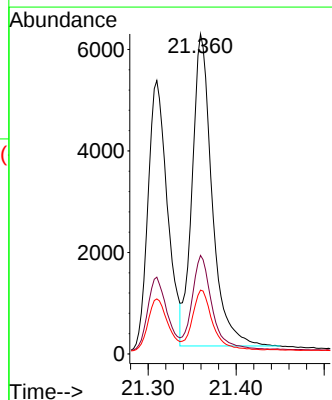
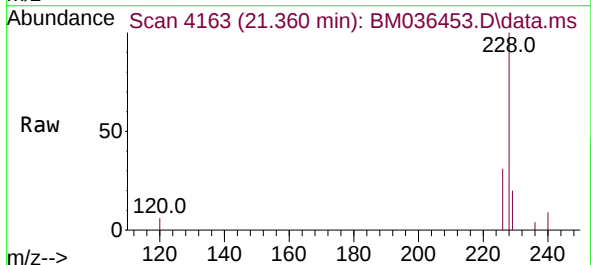
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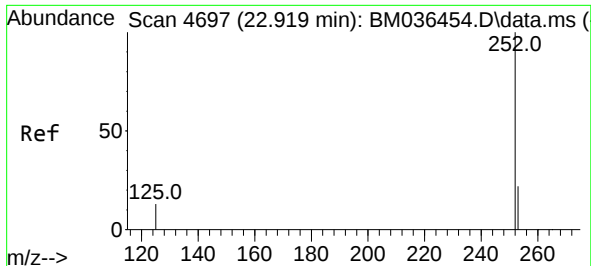
Tgt Ion:228 Resp: 8222
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.2
226 28.1 22.5 33.7



#22
Chrysene
Concen: 0.124 ng/ul
RT: 21.360 min Scan# 4163
Delta R.T. 0.001 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

Tgt Ion:228 Resp: 9685
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 20.0 16.4 24.6

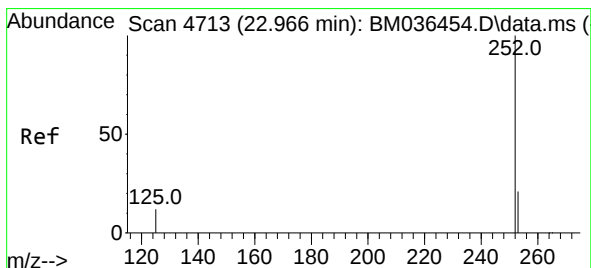
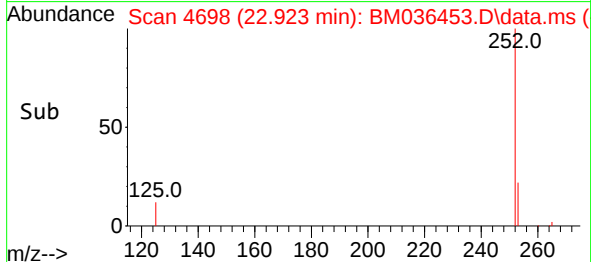
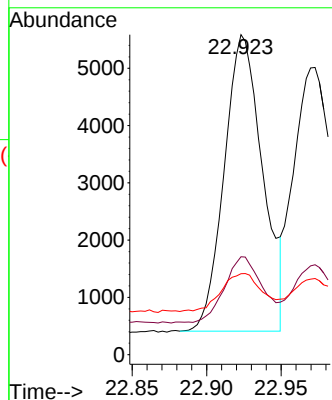
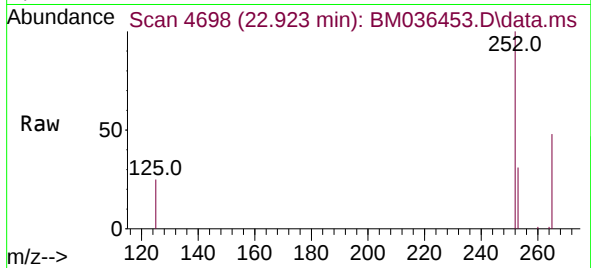




#24
Benzo(b)fluoranthene
Concen: 0.111 ng/ul
RT: 22.923 min Scan# 4698
Delta R.T. 0.003 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

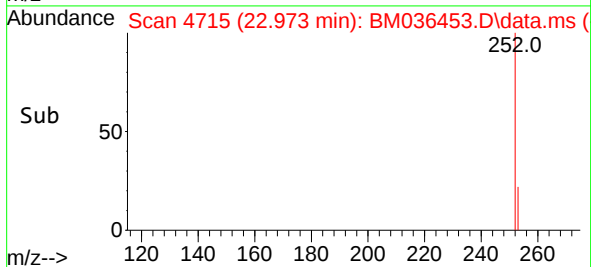
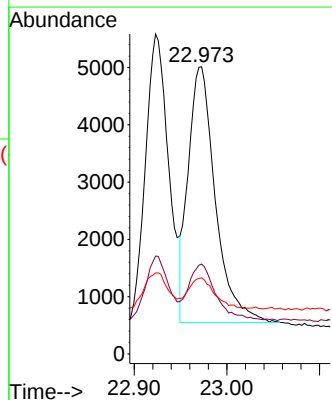
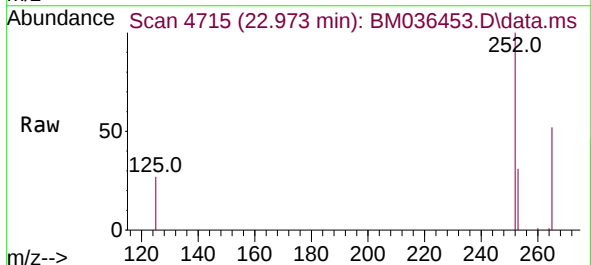
Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

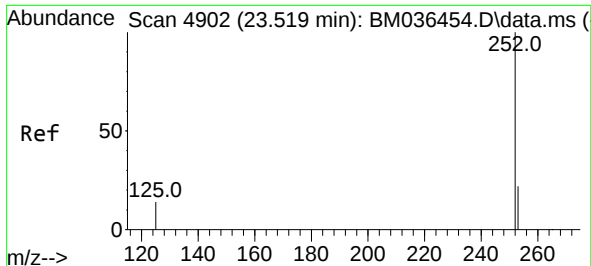
Tgt Ion:252 Resp: 9269
Ion Ratio Lower Upper
252 100
253 30.6 0.0 61.4
125 25.3 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.108 ng/ul
RT: 22.973 min Scan# 4715
Delta R.T. 0.006 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

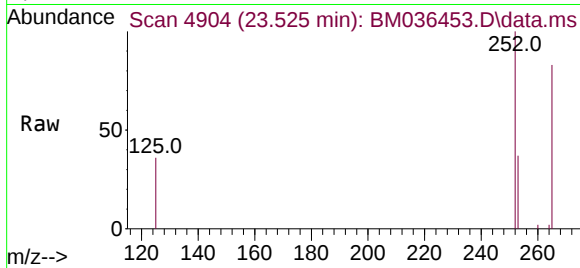
Tgt Ion:252 Resp: 9071
Ion Ratio Lower Upper
252 100
253 31.3 25.2 37.8
125 26.5 18.3 27.5



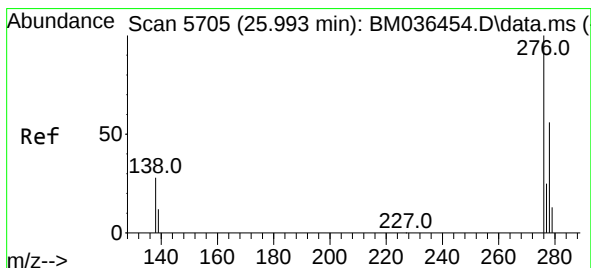
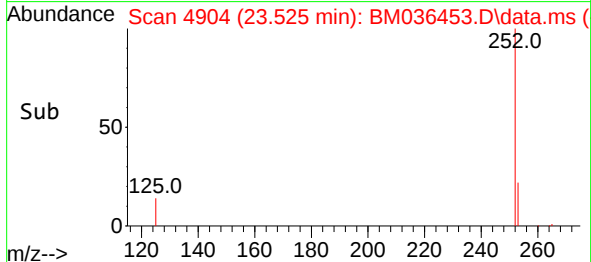
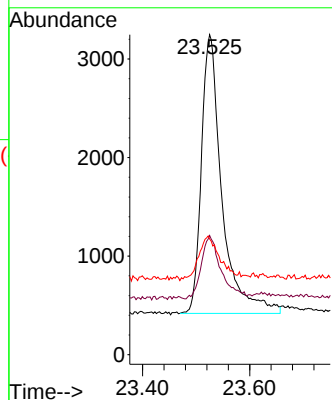


#26
Benzo(a)pyrene
Concen: 0.142 ng/ul
RT: 23.525 min Scan# 4904
Delta R.T. 0.006 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

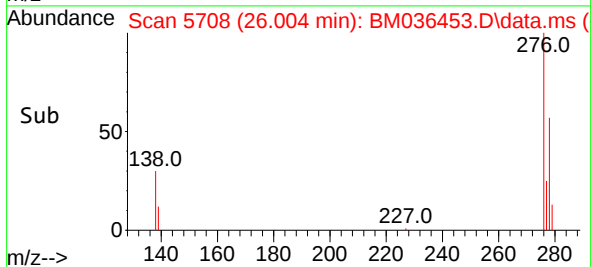
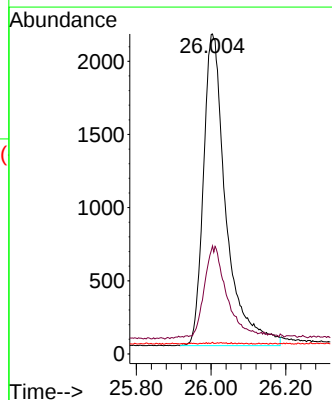
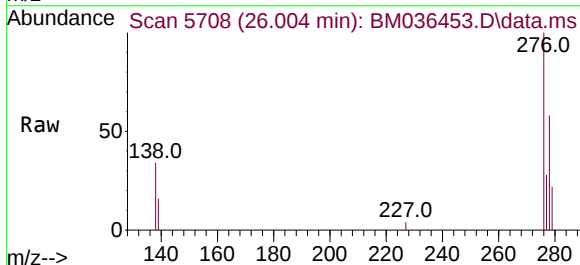


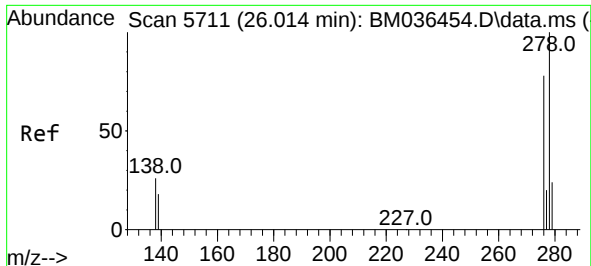
Tgt Ion:252 Resp: 7492
Ion Ratio Lower Upper
252 100
253 37.3 29.7 44.5
125 36.2 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.223 ng/ul
RT: 26.004 min Scan# 5708
Delta R.T. 0.010 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

Tgt Ion:276 Resp: 8929
Ion Ratio Lower Upper
276 100
138 28.7 23.9 35.9
227 0.1 0.1 0.1#

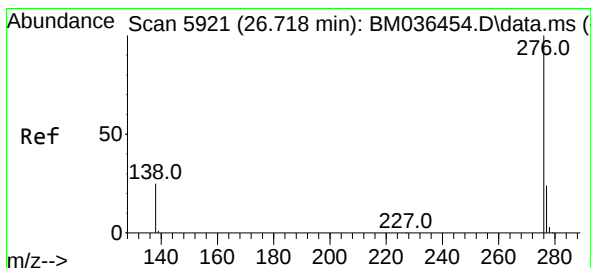
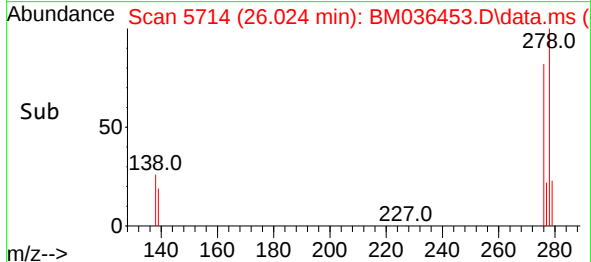
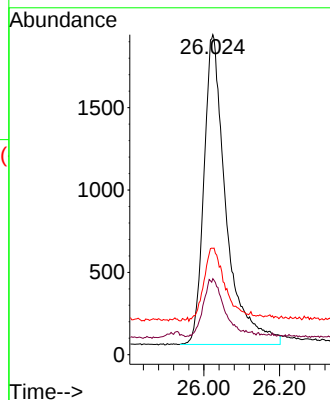
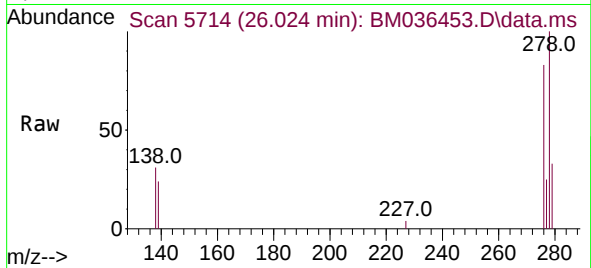




#28
Dibenzo(a,h)anthracene
Concen: 0.226 ng/ul
RT: 26.024 min Scan# 5714
Delta R.T. 0.010 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

Tgt Ion: 278 Resp: 7643
Ion Ratio Lower Upper
278 100
139 23.8 19.8 29.6
279 33.2 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.244 ng/ul
RT: 26.731 min Scan# 5925
Delta R.T. 0.014 min
Lab File: BM036453.D
Acq: 29 Aug 2022 14:36

Tgt Ion: 276 Resp: 8815
Ion Ratio Lower Upper
276 100
138 30.3 23.4 35.0
277 26.9 21.0 31.4

