

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036976.D
 Acq On : 12 Oct 2022 10:23
 Operator : CG/JU
 Sample : N5024-01DL 5X
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BE6DL

Quant Time: Oct 12 23:08:47 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 : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

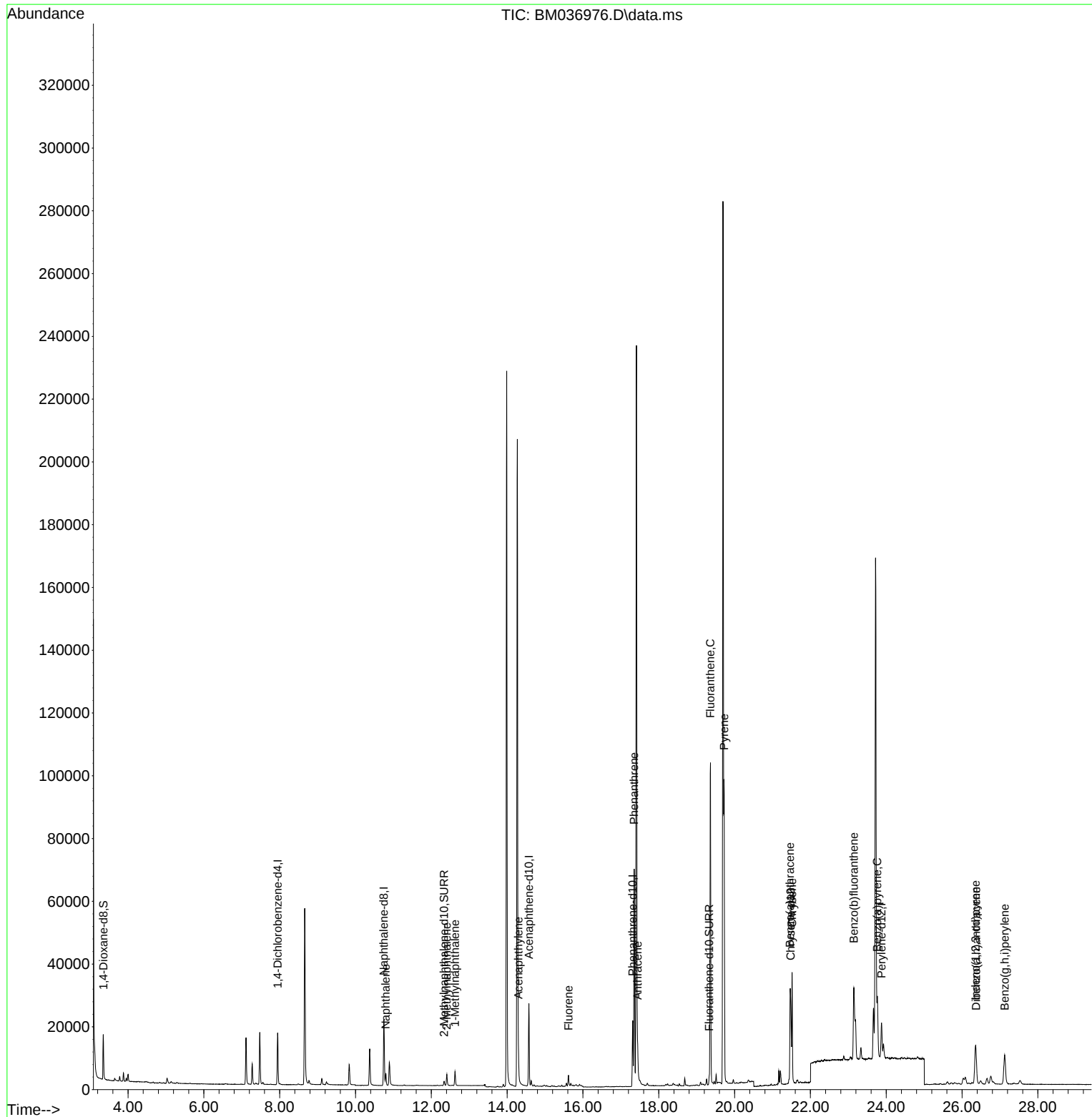
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	8179	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	28391	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.575	164	14138	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	24463	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	16662	0.400	ng/ul	0.00
23) Perylene-d12	23.876	264	15268	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	9097	0.789	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	2010	0.047	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	2989	0.060	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.798	128	5055	0.062	ng/ul	97
7) 2-Methylnaphthalene	12.409	142	2797	0.056	ng/ul	92
8) 1-Methylnaphthalene	12.624	142	3271	0.065	ng/ul	99
10) Acenaphthylene	14.297	152	10603	0.180	ng/ul	98
12) Fluorene	15.620	166	2323	0.040	ng/ul#	96
15) Phenanthrene	17.351	178	74879	0.959	ng/ul	99
16) Anthracene	17.444	178	8270	0.127	ng/ul	95
19) Fluoranthene	19.363	202	88461	1.335	ng/ul	97
20) Pyrene	19.726	202	75757	1.096	ng/ul	95
21) Benzo(a)anthracene	21.465	228	23576	0.392	ng/ul	98
22) Chrysene	21.517	228	33880	0.524	ng/ul	99
24) Benzo(b)fluoranthene	23.145	252	42690	0.626	ng/ul	96
26) Benzo(a)pyrene	23.765	252	25467	0.460	ng/ul	89
27) Indeno(1,2,3-cd)pyrene	26.360	276	21983	0.280	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.373	278	5121	0.081	ng/ul#	73
29) Benzo(g,h,i)perylene	27.124	276	20837	0.302	ng/ul	100

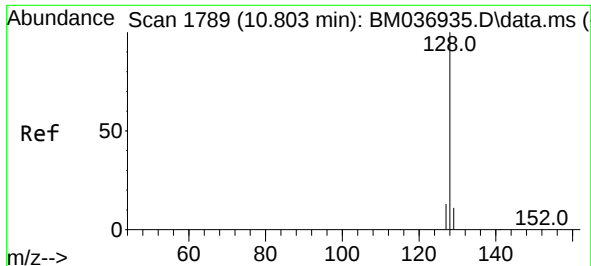
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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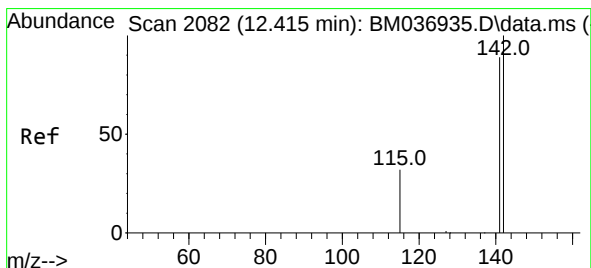
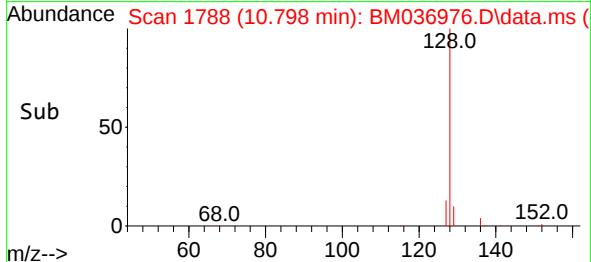
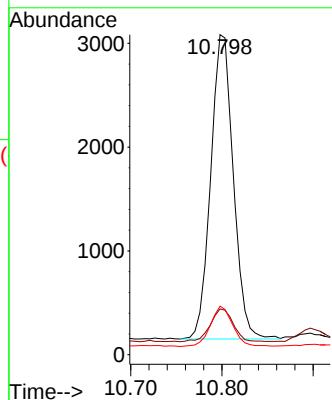
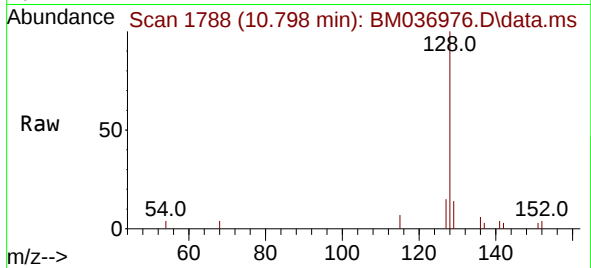




#5
Naphthalene
Concen: 0.062 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BM036976.D
Acq: 12 Oct 2022 10:23

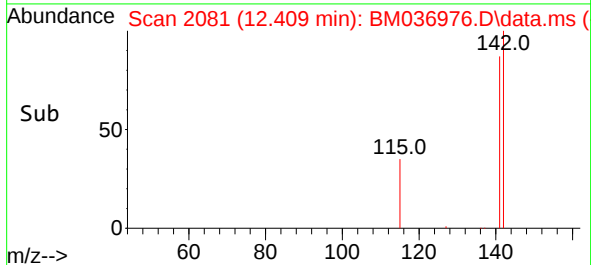
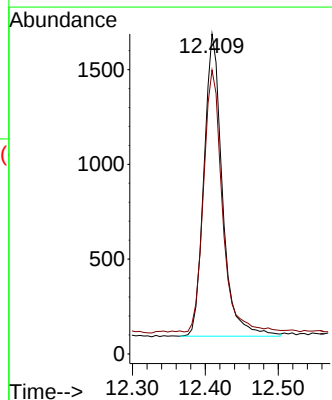
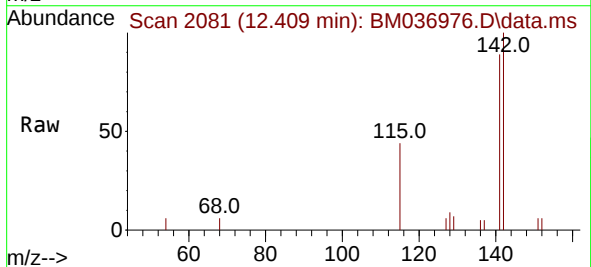
Instrument :
BNA_M
ClientSampleId :
C0BE6DL

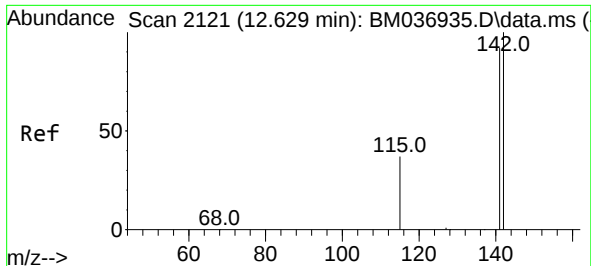
Tgt Ion:128 Resp: 5055
Ion Ratio Lower Upper
128 100
129 14.3 10.2 15.2
127 15.2 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM036976.D
Acq: 12 Oct 2022 10:23

Tgt Ion:142 Resp: 2797
Ion Ratio Lower Upper
142 100
141 88.4 77.4 116.0

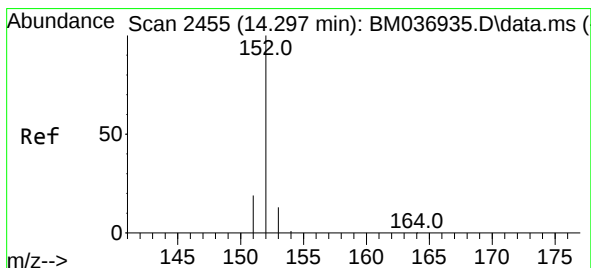
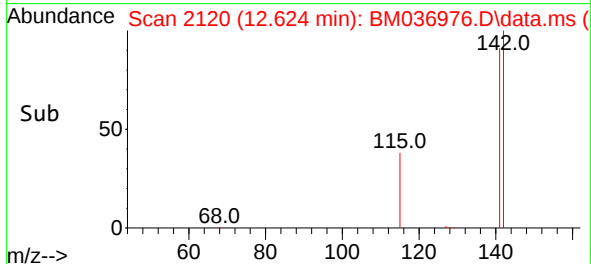
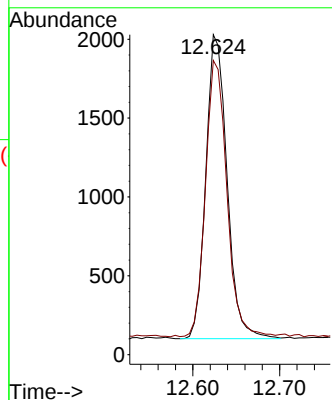
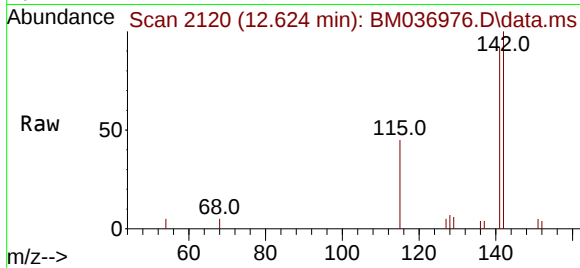




#8
1-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.624 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM036976.D
Acq: 12 Oct 2022 10:23

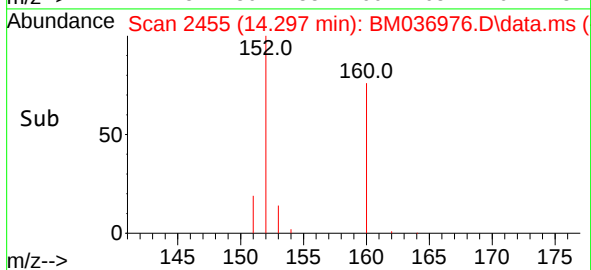
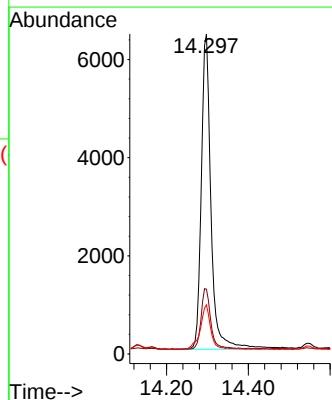
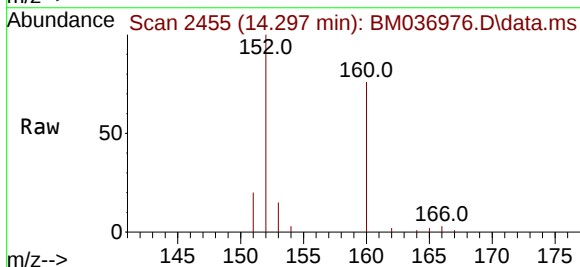
Instrument :
BNA_M
ClientSampleId :
C0BE6DL

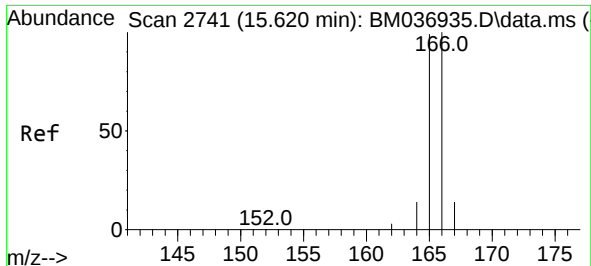
Tgt Ion:142 Resp: 3271
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1



#10
Acenaphthylene
Concen: 0.180 ng/ul
RT: 14.297 min Scan# 2455
Delta R.T. -0.000 min
Lab File: BM036976.D
Acq: 12 Oct 2022 10:23

Tgt Ion:152 Resp: 10603
Ion Ratio Lower Upper
152 100
151 20.2 16.6 24.8
153 15.3 11.4 17.0

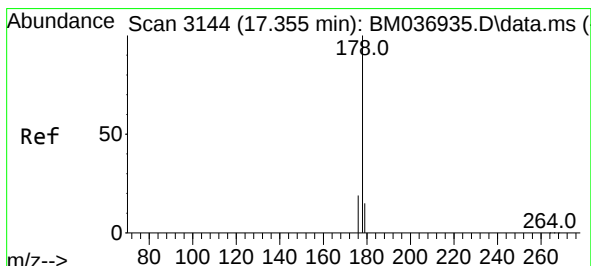
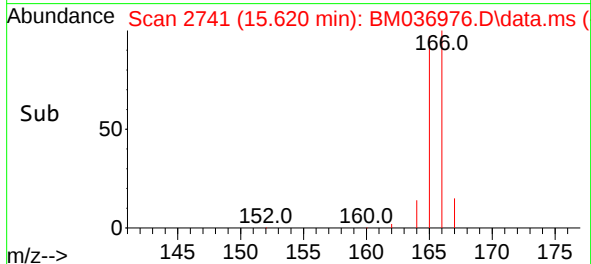
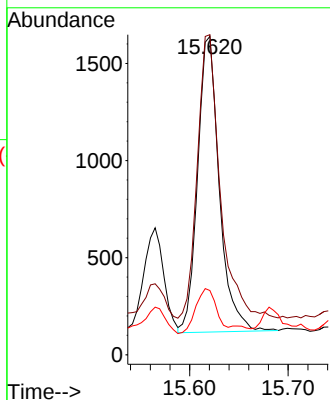
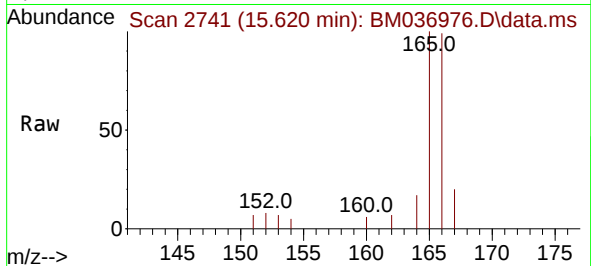




#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.620 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036976.D
Acq: 12 Oct 2022 10:23

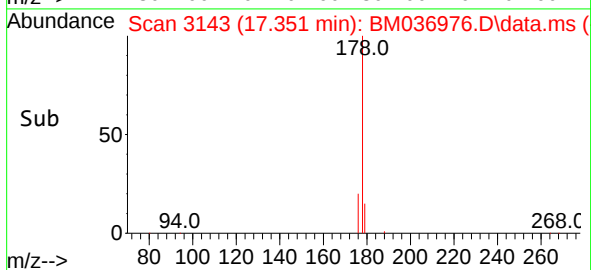
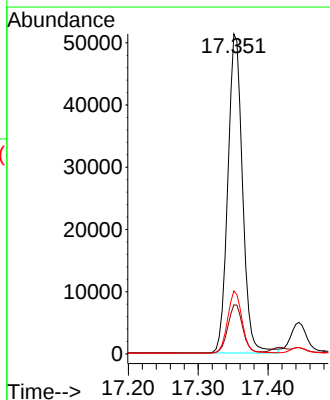
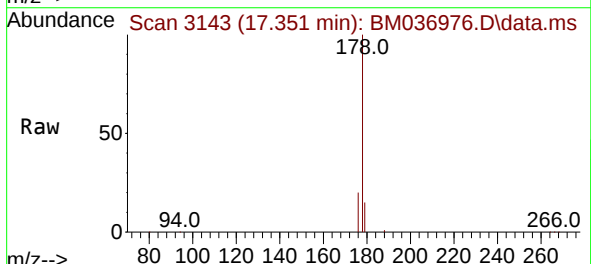
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ClientSampleId :
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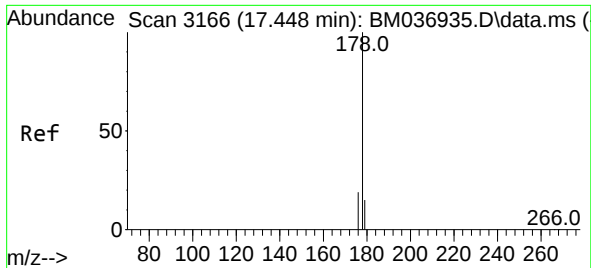
Tgt Ion:166 Resp: 2323
Ion Ratio Lower Upper
166 100
165 100.5 78.9 118.3
167 20.2 11.3 16.9#



#15
Phenanthrene
Concen: 0.959 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BM036976.D
Acq: 12 Oct 2022 10:23

Tgt Ion:178 Resp: 74879
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 19.7 15.6 23.4

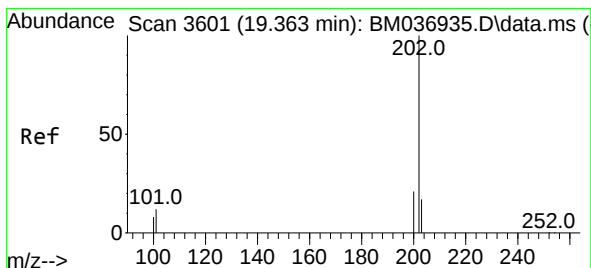
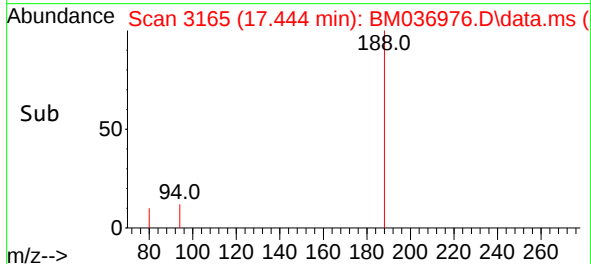
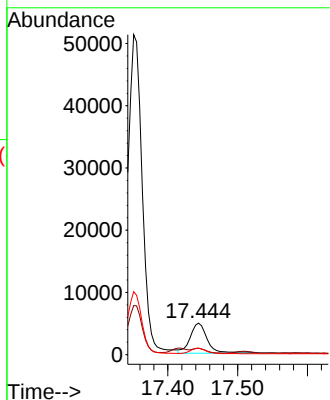
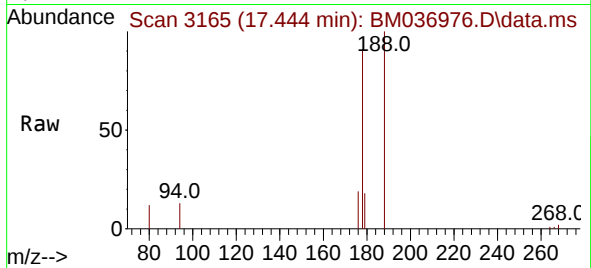




#16
 Anthracene
 Concen: 0.127 ng/ul
 RT: 17.444 min Scan# 3165
 Delta R.T. -0.004 min
 Lab File: BM036976.D
 Acq: 12 Oct 2022 10:23

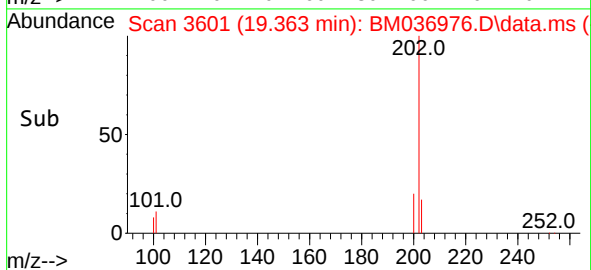
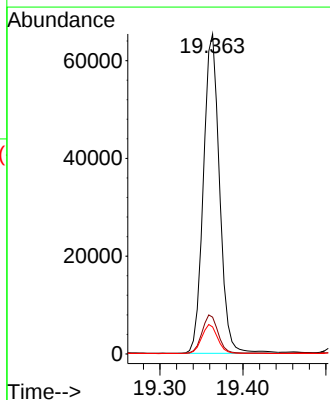
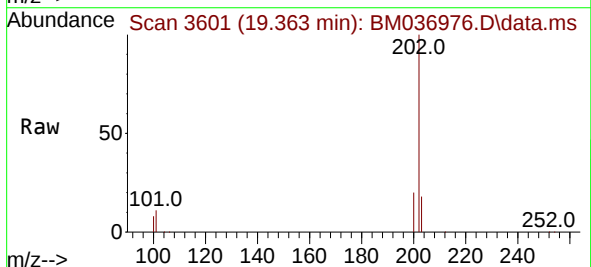
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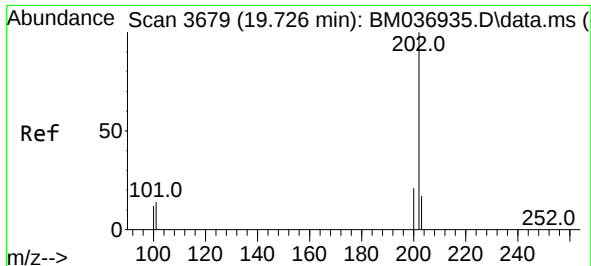
Tgt Ion:178 Resp: 8270
 Ion Ratio Lower Upper
 178 100
 179 20.2 13.6 20.4
 176 20.9 15.6 23.4



#19
 Fluoranthene
 Concen: 1.335 ng/ul
 RT: 19.363 min Scan# 3601
 Delta R.T. -0.000 min
 Lab File: BM036976.D
 Acq: 12 Oct 2022 10:23

Tgt Ion:202 Resp: 88461
 Ion Ratio Lower Upper
 202 100
 101 11.5 10.1 15.1
 100 8.4 7.9 11.9

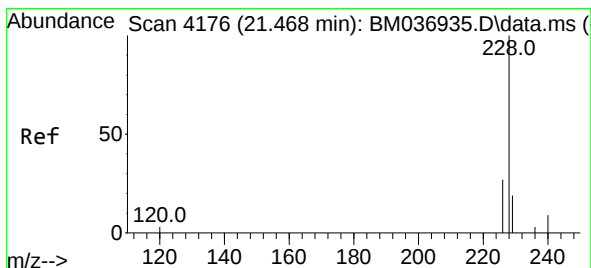
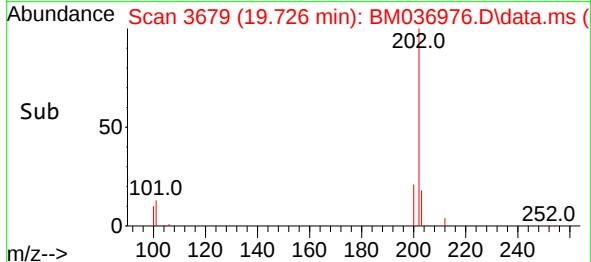
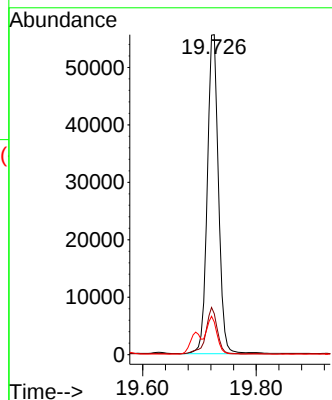
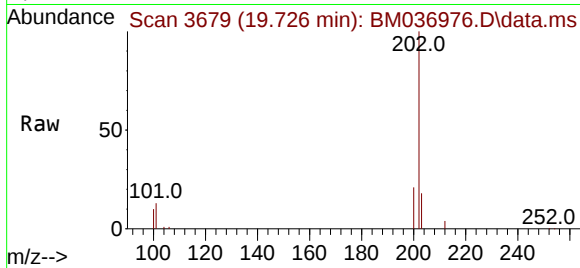




#20
Pyrene
Concen: 1.096 ng/ul
RT: 19.726 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM036976.D
Acq: 12 Oct 2022 10:23

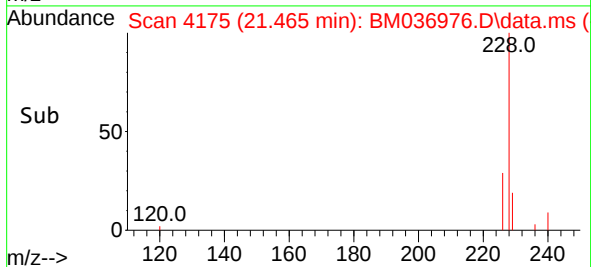
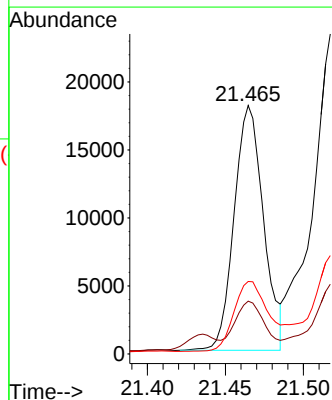
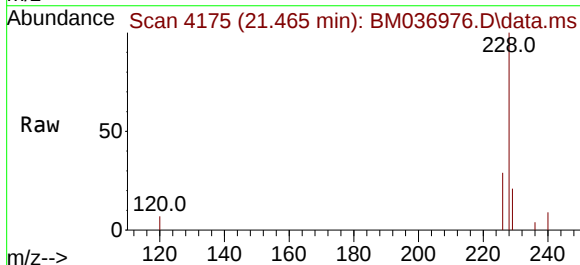
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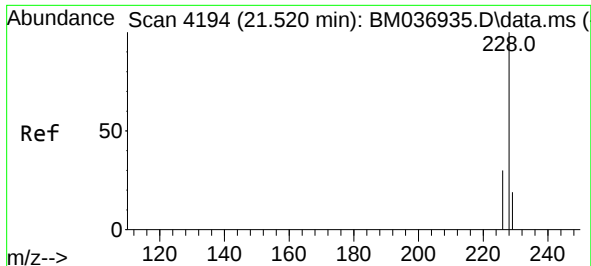
Tgt Ion:202 Resp: 75757
Ion Ratio Lower Upper
202 100
101 12.8 12.0 18.0
100 10.2 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.465 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM036976.D
Acq: 12 Oct 2022 10:23

Tgt Ion:228 Resp: 23576
Ion Ratio Lower Upper
228 100
229 21.2 16.2 24.2
226 29.2 22.5 33.7

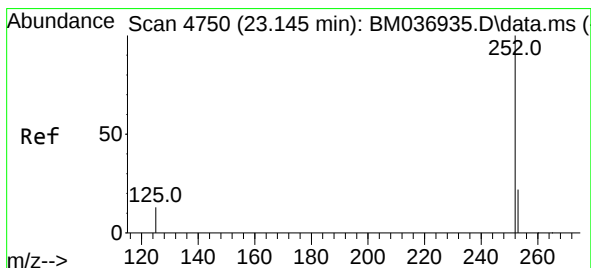
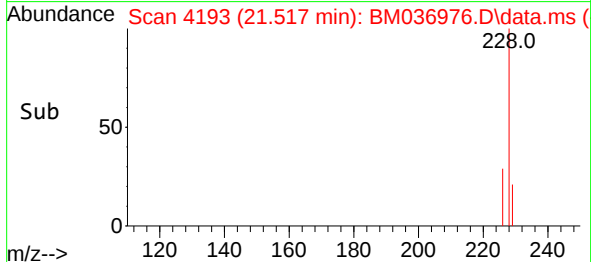
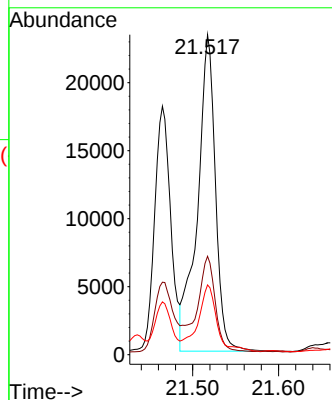
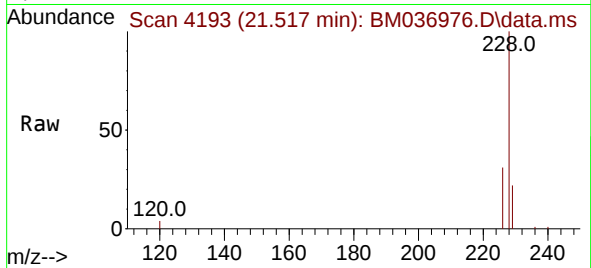




#22
Chrysene
Concen: 0.524 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.003 min
Lab File: BM036976.D
Acq: 12 Oct 2022 10:23

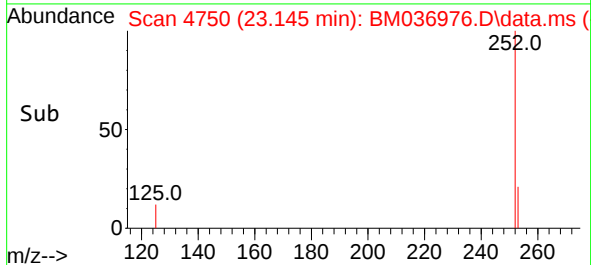
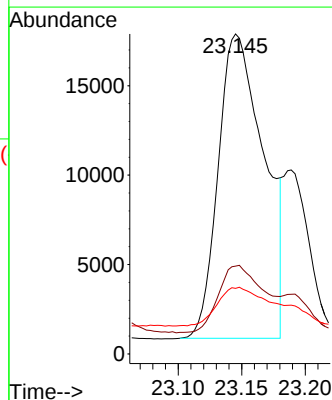
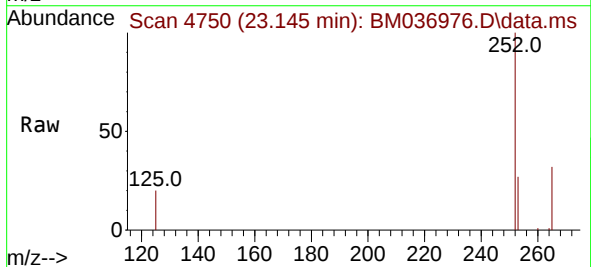
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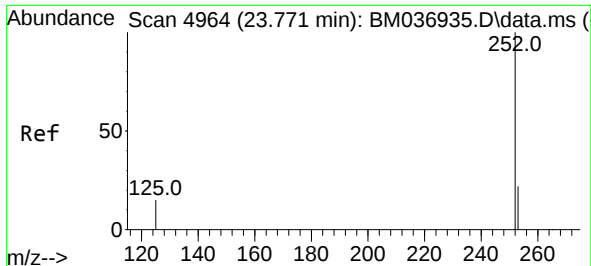
Tgt Ion:228 Resp: 33880
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.8 16.4 24.6



#24
Benzo(b)fluoranthene
Concen: 0.626 ng/ul
RT: 23.145 min Scan# 4750
Delta R.T. -0.000 min
Lab File: BM036976.D
Acq: 12 Oct 2022 10:23

Tgt Ion:252 Resp: 42690
Ion Ratio Lower Upper
252 100
253 27.4 0.0 61.4
125 20.5 0.0 42.6

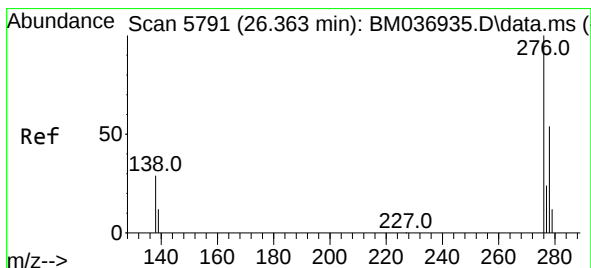
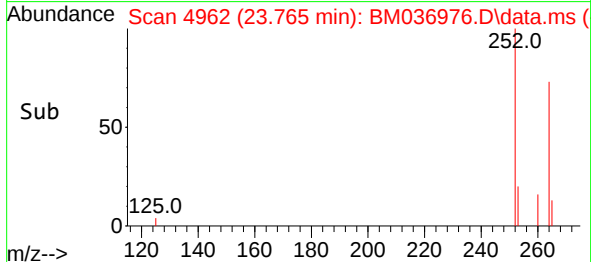
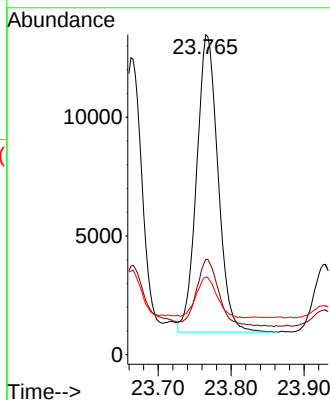
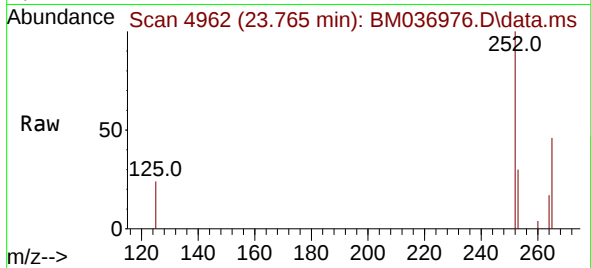




#26
Benzo(a)pyrene
Concen: 0.460 ng/ul
RT: 23.765 min Scan# 4964
Delta R.T. -0.006 min
Lab File: BM036976.D
Acq: 12 Oct 2022 10:23

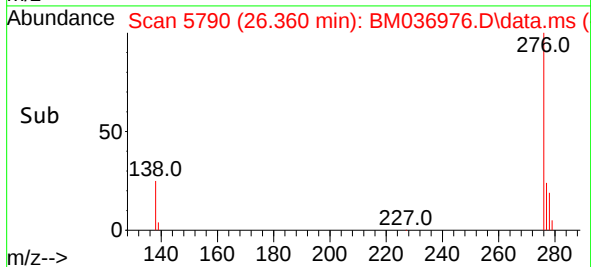
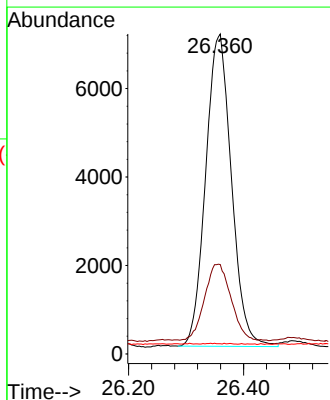
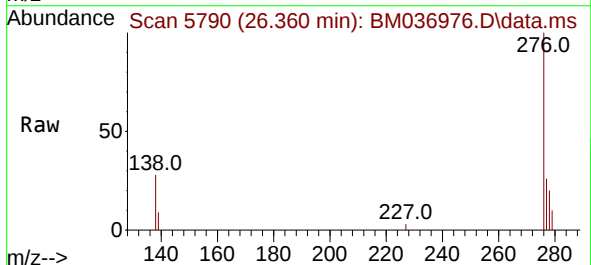
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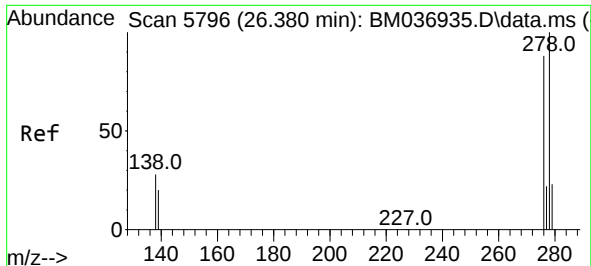
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Ion Ratio Lower Upper
252 100
253 29.7 29.7 44.5
125 24.3 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.280 ng/ul
RT: 26.360 min Scan# 5790
Delta R.T. -0.003 min
Lab File: BM036976.D
Acq: 12 Oct 2022 10:23

Tgt Ion:276 Resp: 21983
Ion Ratio Lower Upper
276 100
138 25.8 23.9 35.9
227 0.1 0.1 0.1#

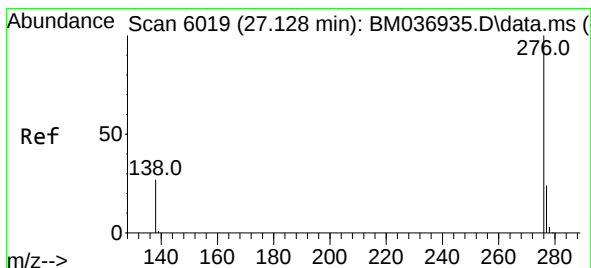
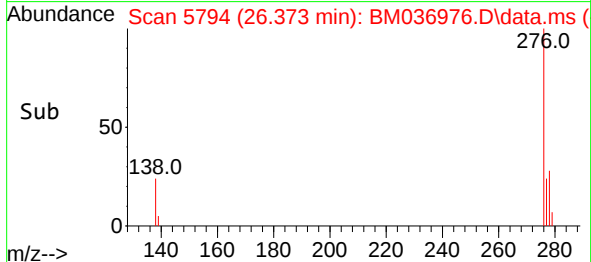
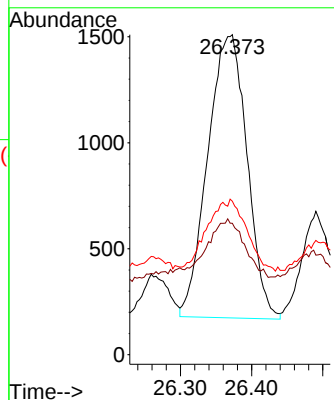
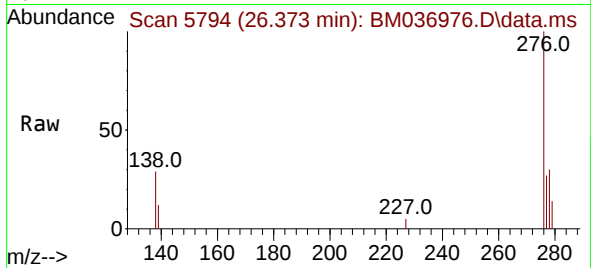




#28
Dibenzo(a,h)anthracene
Concen: 0.081 ng/ul
RT: 26.373 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM036976.D
Acq: 12 Oct 2022 10:23

Instrument :
BNA_M
ClientSampleId :
C0BE6DL

Tgt Ion:278 Resp: 5121
Ion Ratio Lower Upper
278 100
139 41.1 19.8 29.6#
279 47.9 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. -0.003 min
Lab File: BM036976.D
Acq: 12 Oct 2022 10:23

Tgt Ion:276 Resp: 20837
Ion Ratio Lower Upper
276 100
138 29.3 23.4 35.0
277 25.9 21.0 31.4

